

APPENDIX 3

Spectra Relevant to Chapter 3:

Synthesis of Tryptophan Derivatives by a Tandem Friedel–Crafts

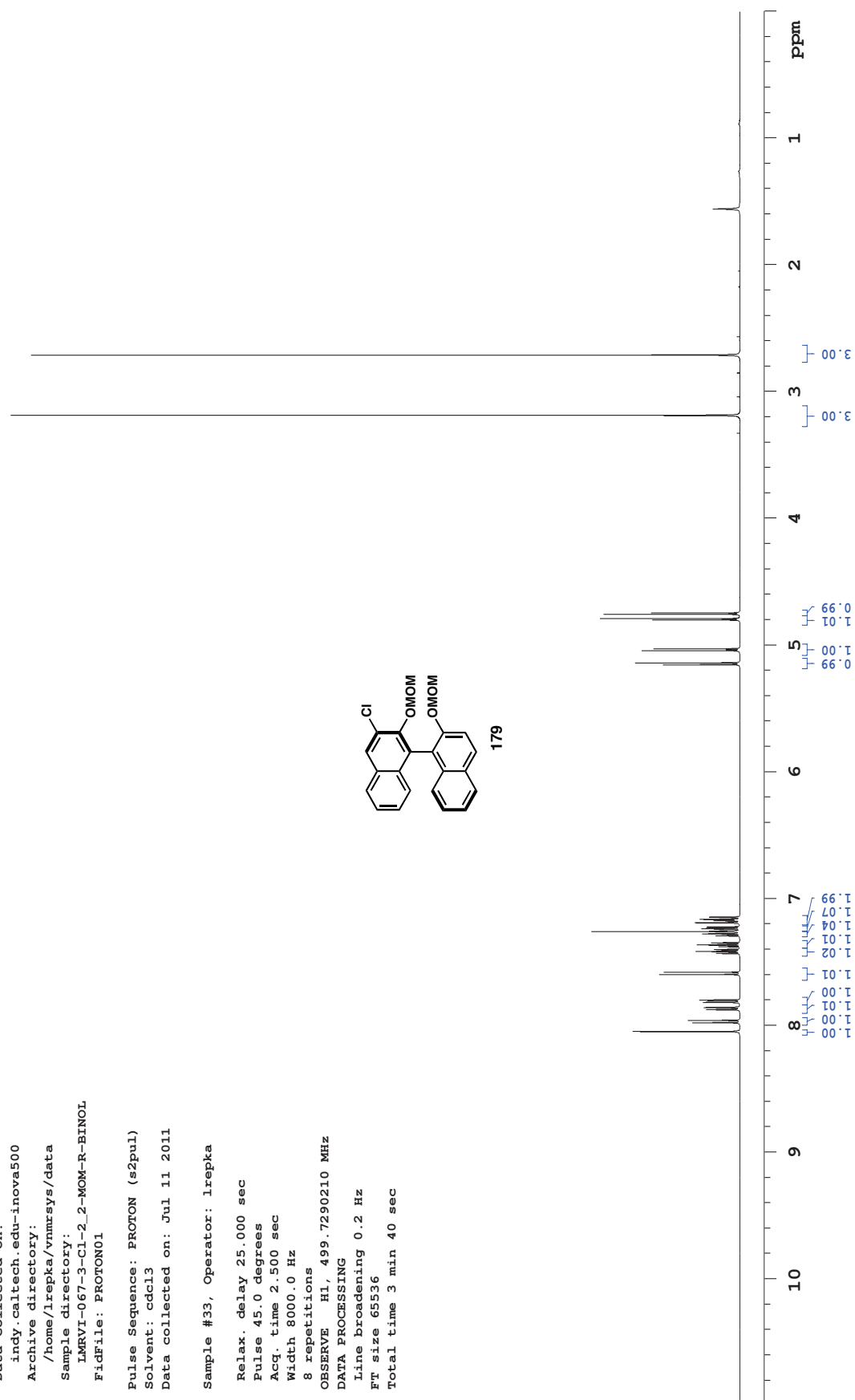
Conjugate Addition/Enantioselective Protonation Reaction

LMRVI-067-3-Cl-2,2'-MOM-R-BINOL

Sample Name:
LMRVI-067-3-Cl-2,2'-MOM-R-BINOL
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/lrepka/vnmrsys/data
Sample directory:
LMRVI-067-3-Cl-2,2'-MOM-R-BINOL
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jul 11 2011

Sample #33, Operator: lrepka
Relax. delay 25.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7290210 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 3 min 40 sec



LMRVI-067-3-Cl-2,2'-MOM-R-BINOL

Sample Name:

LMRVI-067-3-Cl-2,2'-MOM-R-BINOL

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrsys/data

Sample directory:

LMRVI-067-3-Cl-2,2'-MOM-R-BINOL

File: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Jul 11 2011

Sample #33, Operator: lrepka

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1590 repetitions

OBSERVE C13, 125.6569667 MHz

DECOUPLE H1, 499.7315163 MHz

Power 39 dB

continuously on

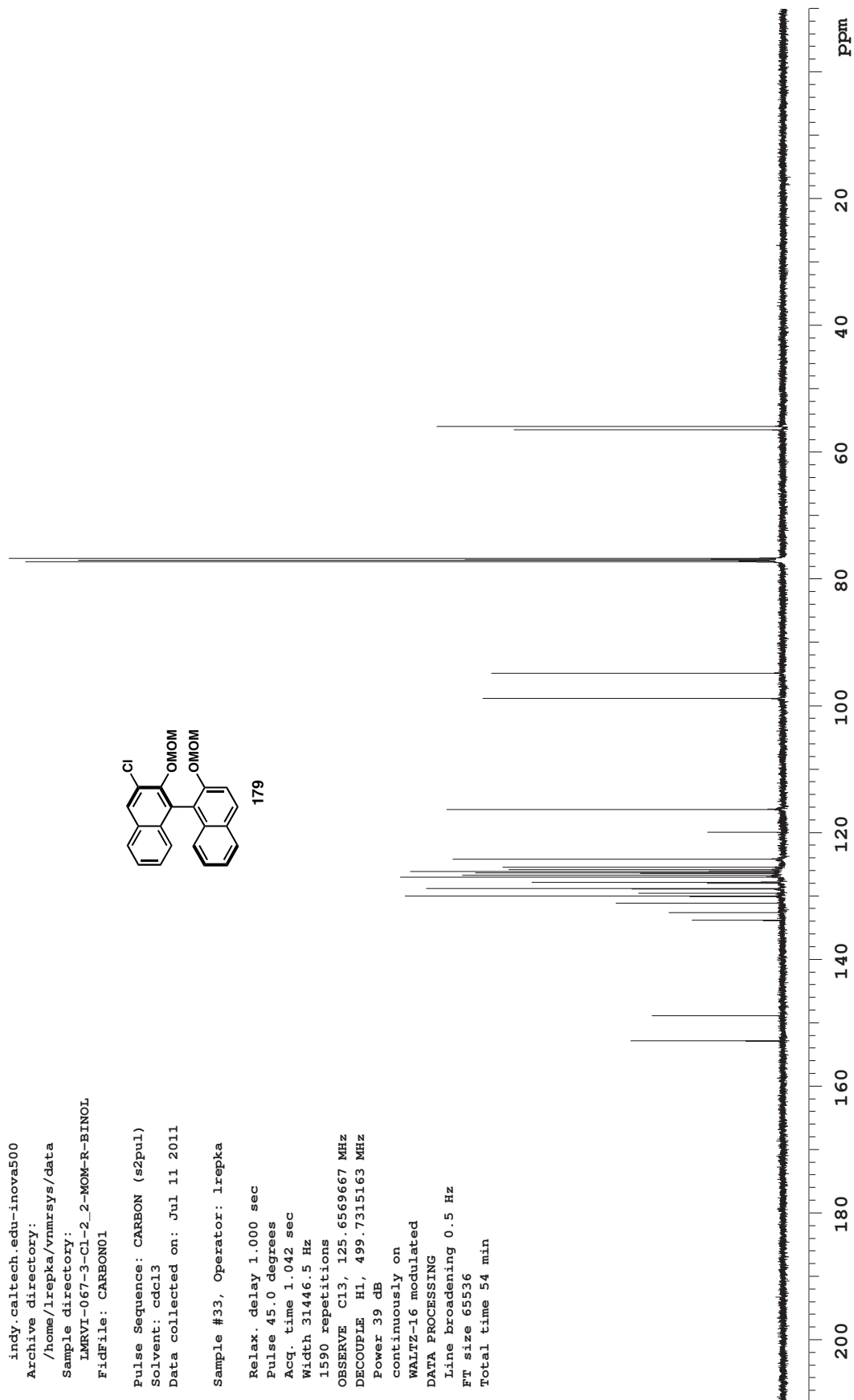
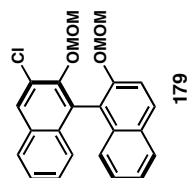
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

FT size 65536

Total time 54 min



LMRVI-093-3-Cl-R-BINOL

Sample Name:

LMRVI-093-3-Cl-R-BINOL
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/lrepka/vnmrsys/data
Sample directory:
LMRVI-093-3-Cl-R-BINOL
FidFile: PROTON01

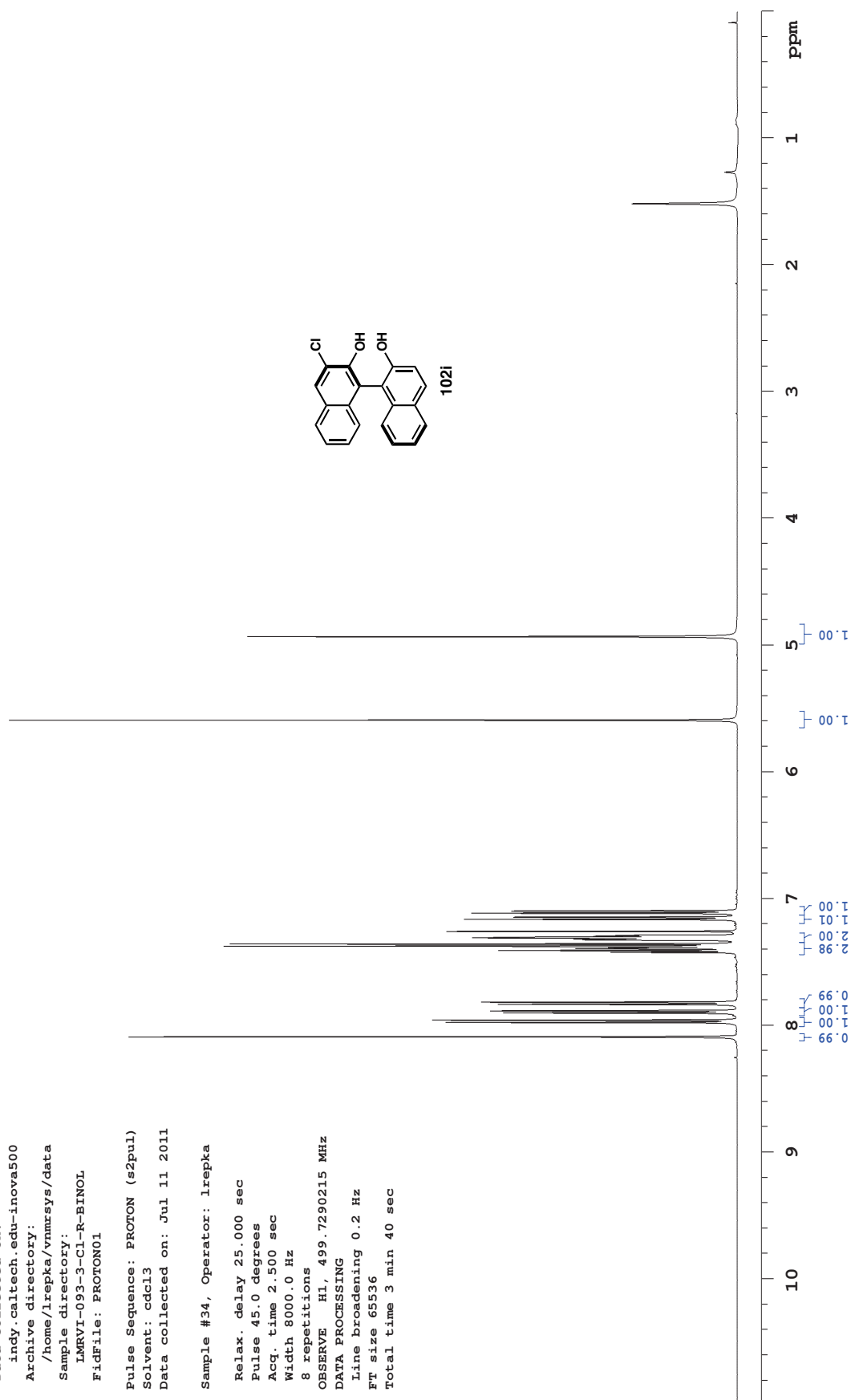
Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3
Data collected on: Jul 11 2011

Sample #34, Operator: lrepka

Relax. delay 25.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions

OBSERVE H1, 499.7290215 MHz
DATA PROCESSING
Line broadening 0.2 Hz
Ft size 65536
Total time 3 min 40 sec



LMRVI-093-3-Cl-R-BINOL

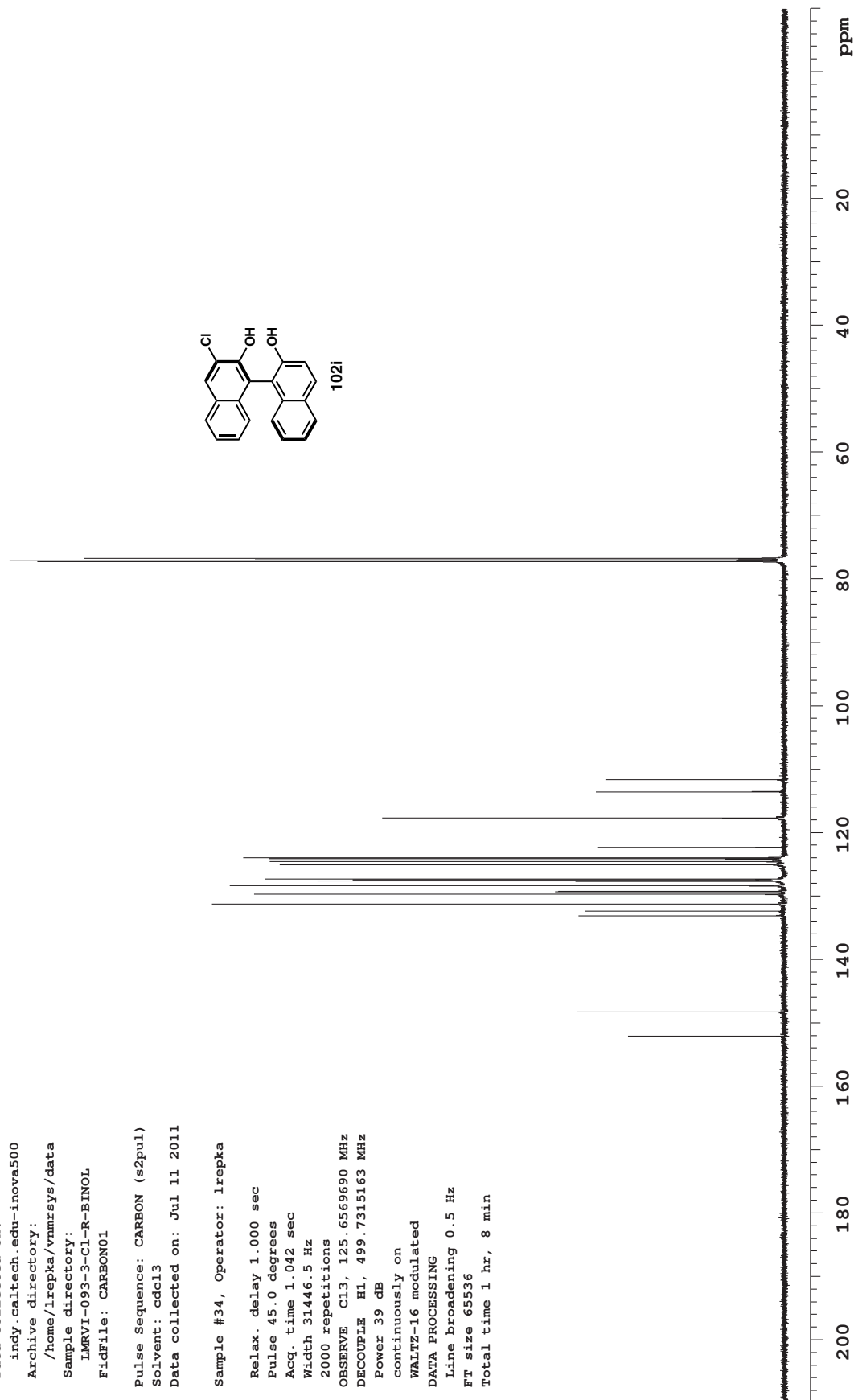
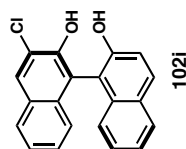
Sample Name:

LMRVI-093-3-Cl-R-BINOL
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/lrepka/vnmrsys/data
Sample directory:
LMRVI-093-3-Cl-R-BINOL
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jul 11 2011

Sample #34, Operator: lrepka

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
2000 repetitions
OBSERVE C13, 125.6569690 MHz
DECOUPLE H1, 499.7315163 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 1 hr, 8 min



LMRVI-279-6,6'-hydroxy-MOM BINOL

Sample Name:

LMRVI-279

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrsys/data

Sample directory:

LMRVI-279

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cd3cn

Data collected on: Dec 20 2011

Sample #42, Operator: lrepka

Relax. delay 25.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

8 repetitions

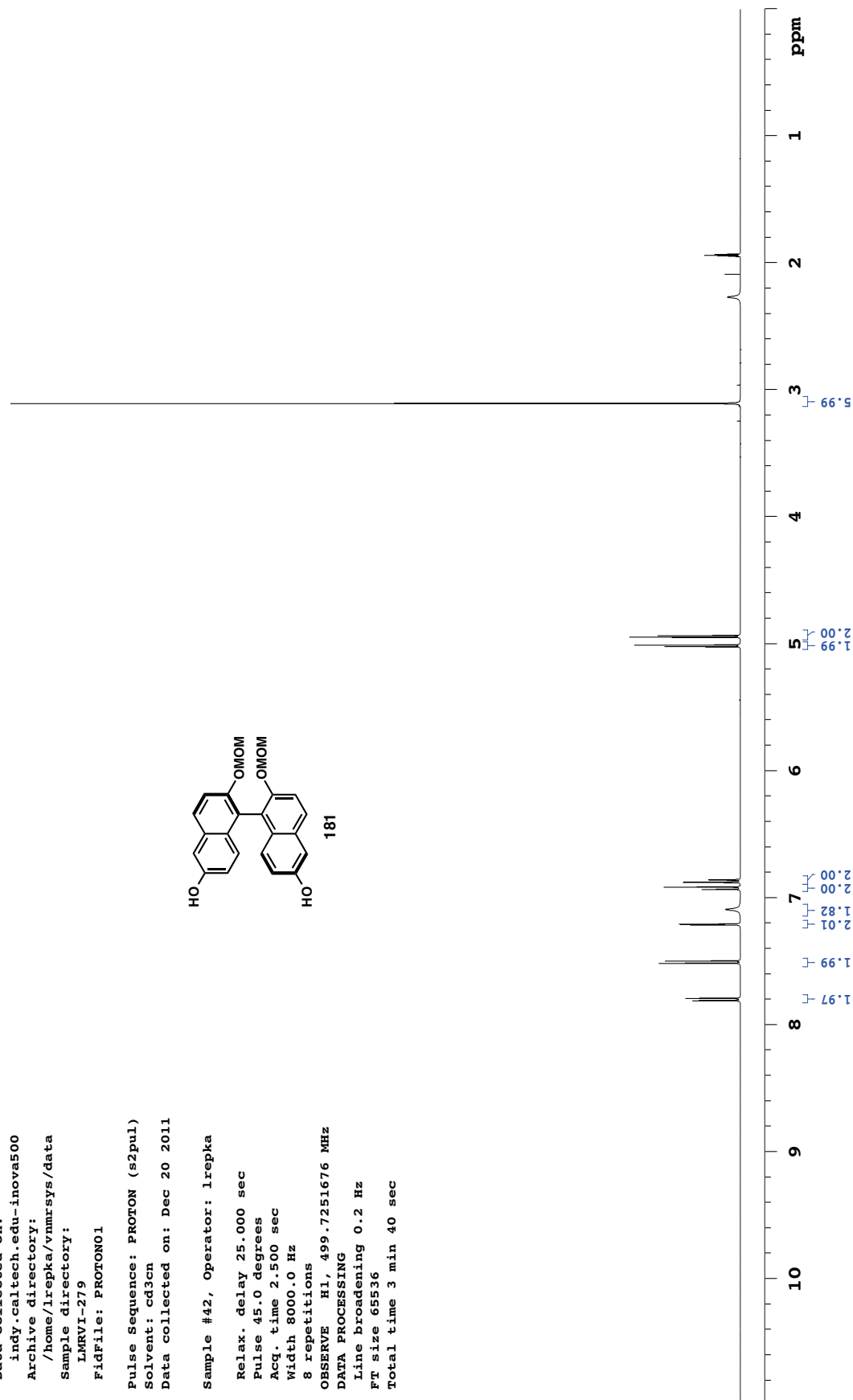
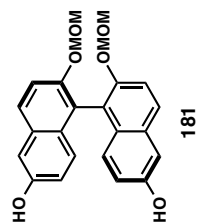
OBSERVE H1, 499.7251676 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 3 min 40 sec



LMRVI-279-6,6'-hydroxy-MOM BINOL

Sample Name:

LMRVI-279

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrSYS/data

Sample directory:

LMRVI-279

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cd3cn

Data collected on: Dec 20 2011

Sample #42, Operator: lrepka

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1500 repetitions

OBSERVE C13, 125.6558710 MHz

DECOUPLE H1, 499.7276454 MHz

Power 39 dB

continuously on

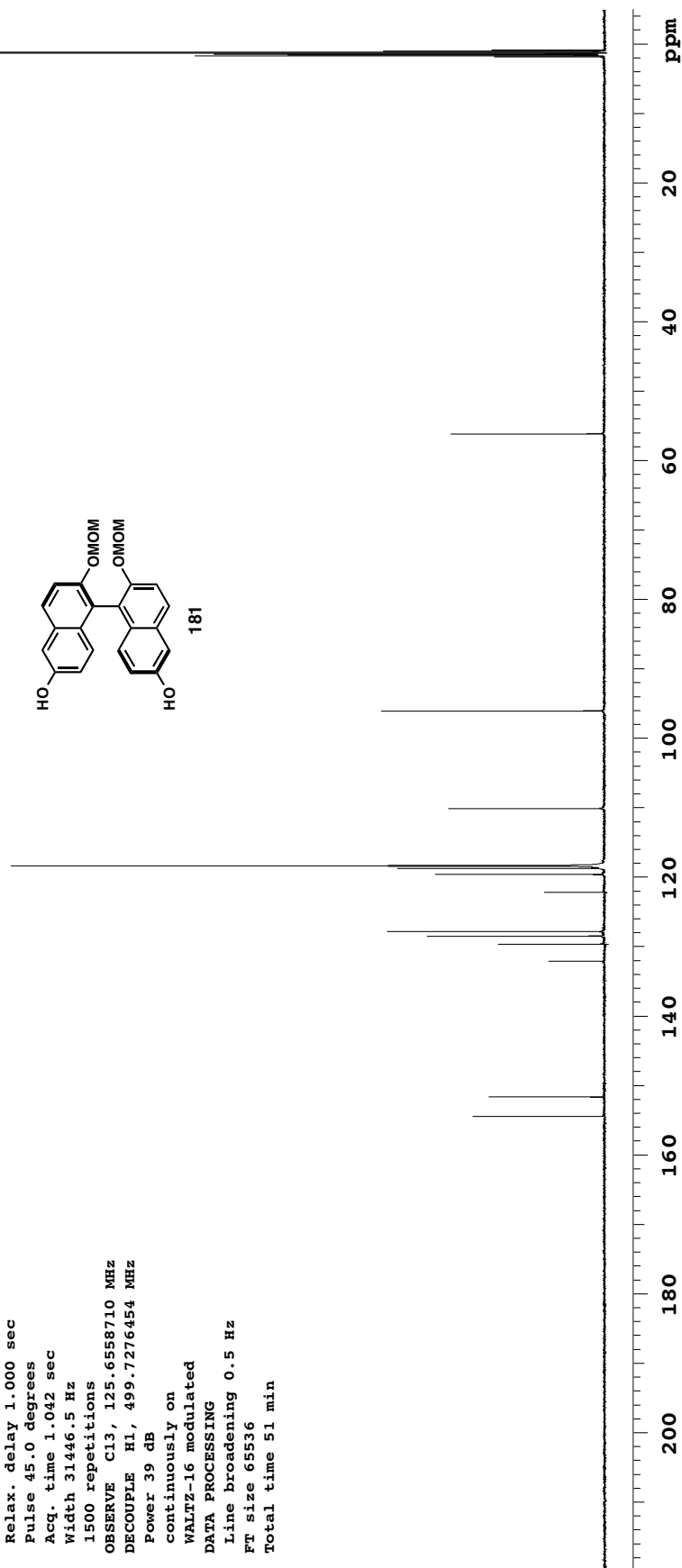
WALTZ-16 modulated

DATA PROCESSING

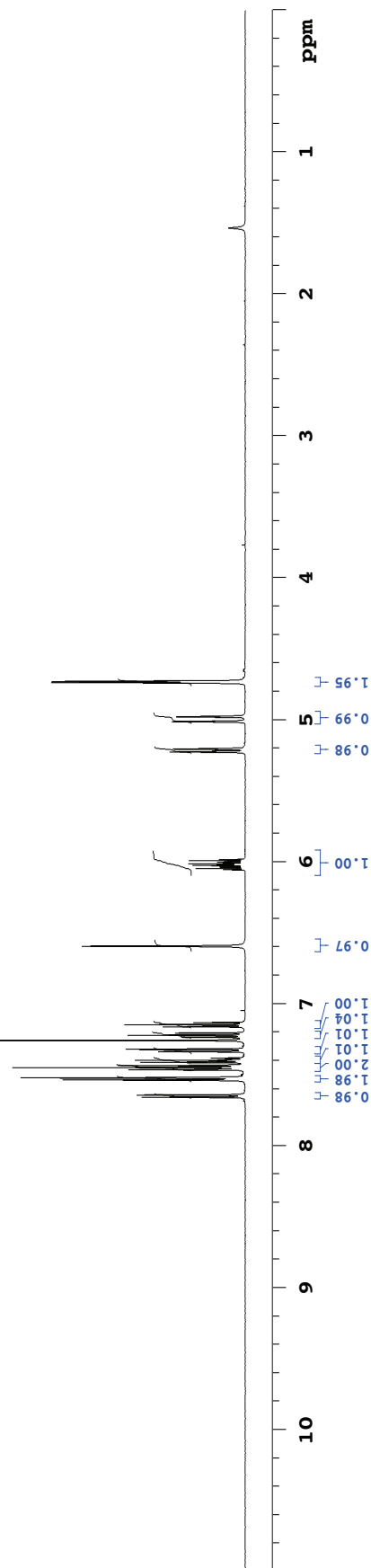
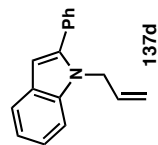
Line broadening 0.5 Hz

FT size 65536

Total time 51 min



Relax. delay	25.000 sec
Pulse	45.0 degrees
Acq. time	2.500 sec
Width	8000.0 Hz
	8 repetitions
	OBSEV H1, 499.7725134 MHz
	DATA PROCESSING
	Line broadening 0.2 Hz
FT size	65536
Total time	3 min 40 sec



LMRVI-273-1-allyl-2-phenylindole

Sample Name:

LMRVI-273-1-allyl-2-phenylindole

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrsys/data

Sample directory:

LMRVI-273-1-allyl-2-phenylindole

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Dec 4 2011

Sample #33, Operator: lrepka

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1500 repetitions

OBSERVE C13, 125.6553343 MHz

DECOUPLE H1, 499.7250019 MHz

Power 39 dB

continuously on

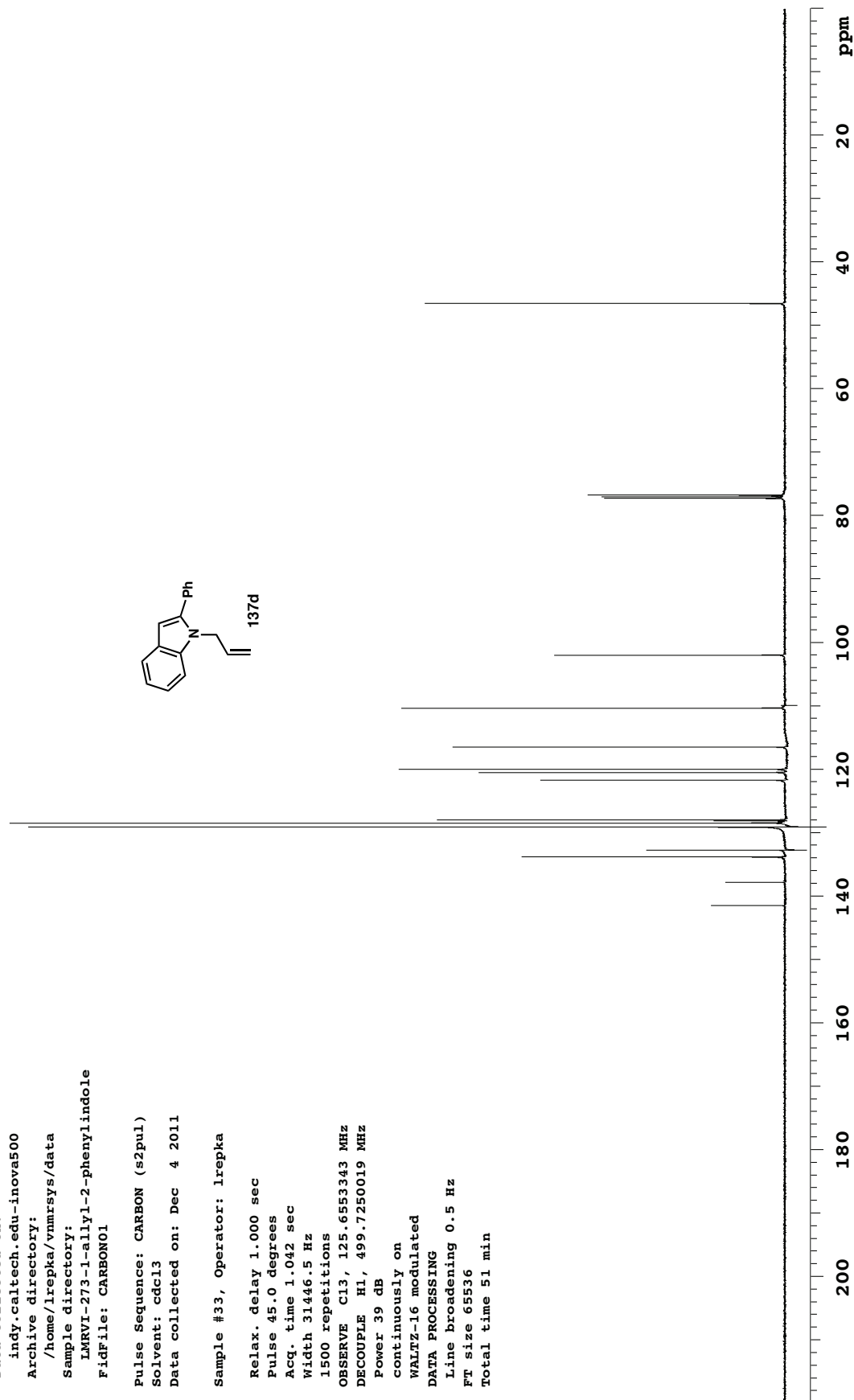
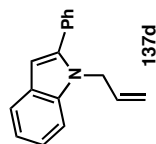
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

Ft size 65536

Total time 51 min



LMRVI-273-1,3-diallyl-2-phenylindole

Sample Name:

LMRVI-273-1,3-diallyl-2-phenylindole

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrsys/data

Sample directory:

LMRVI-273-1,3-diallyl-2-phenylindole

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Dec 11 2011

Sample #27, Operator: lrepka

Relax. delay 25.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

8 repetitions

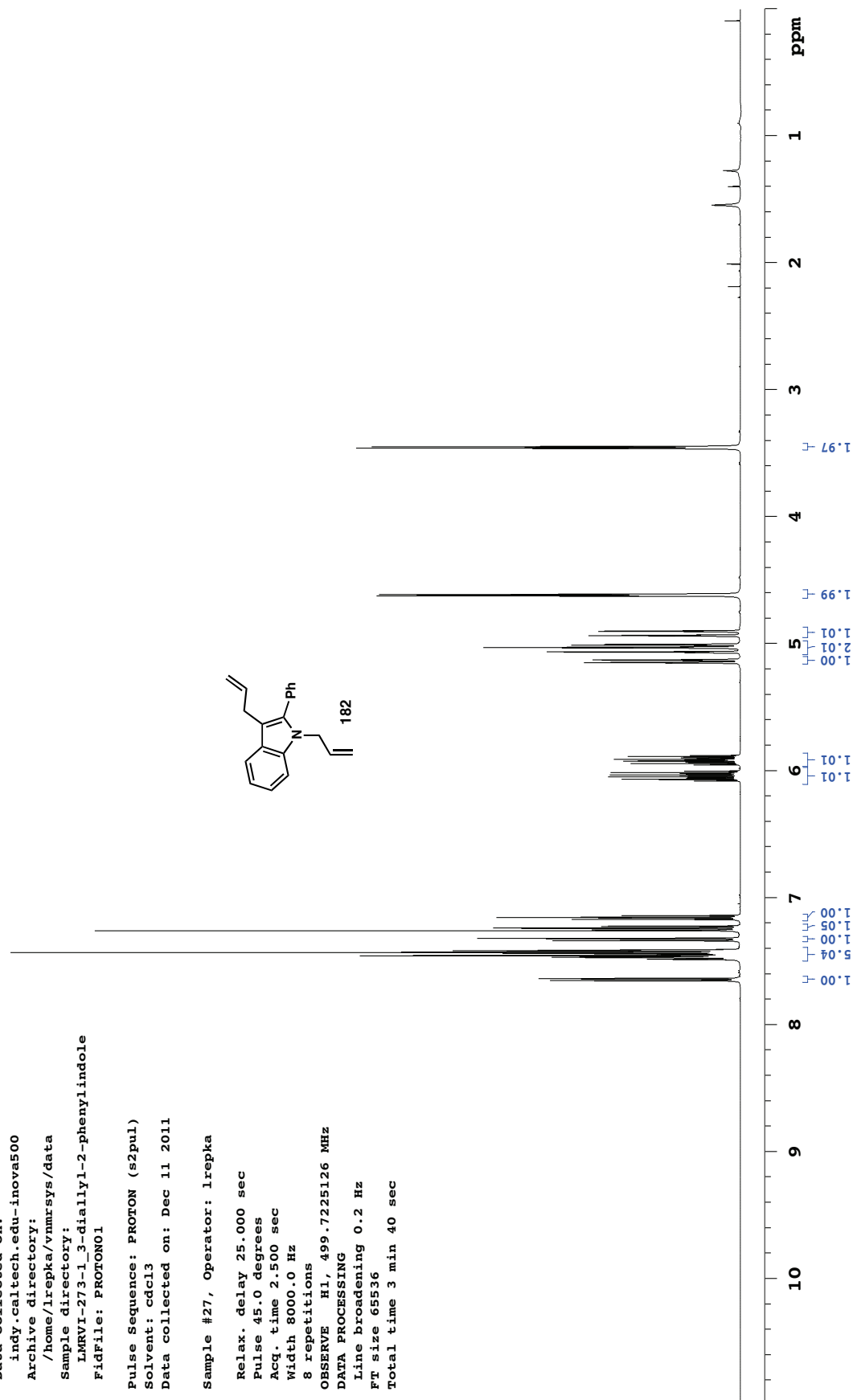
OBSERVE H1, 499.7225126 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 3 min 40 sec



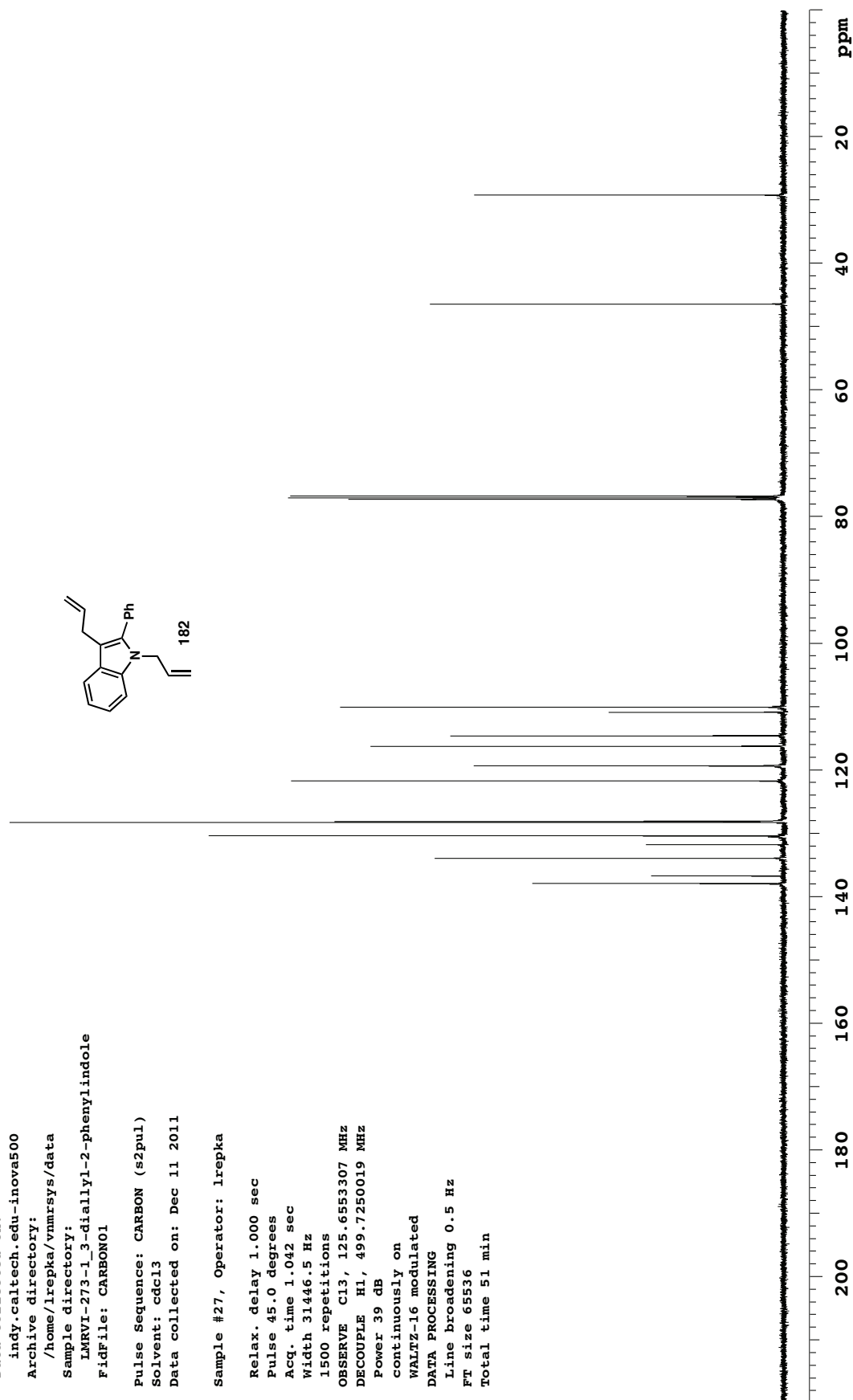
LMRVI-273-1,3-diallyl-2-phenylindole

Sample Name:
LMRVI-273-1,3-diallyl-2-phenylindole
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/lrepka/vnmrsys/data
Sample directory:
LMRVI-273-1,3-diallyl-2-phenylindole
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Dec 11 2011

Sample #27, Operator: lrepka

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1500 repetitions
OBSERVE C13, 125.6553307 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 51 min



LMRVI-219

Sample Name:

LMRVI-219

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrsys/data

Sample directory:

LMRVI-219

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Sep 2 2011

Sample #33, Operator: lrepka

Relax. delay 25.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

6 repetitions

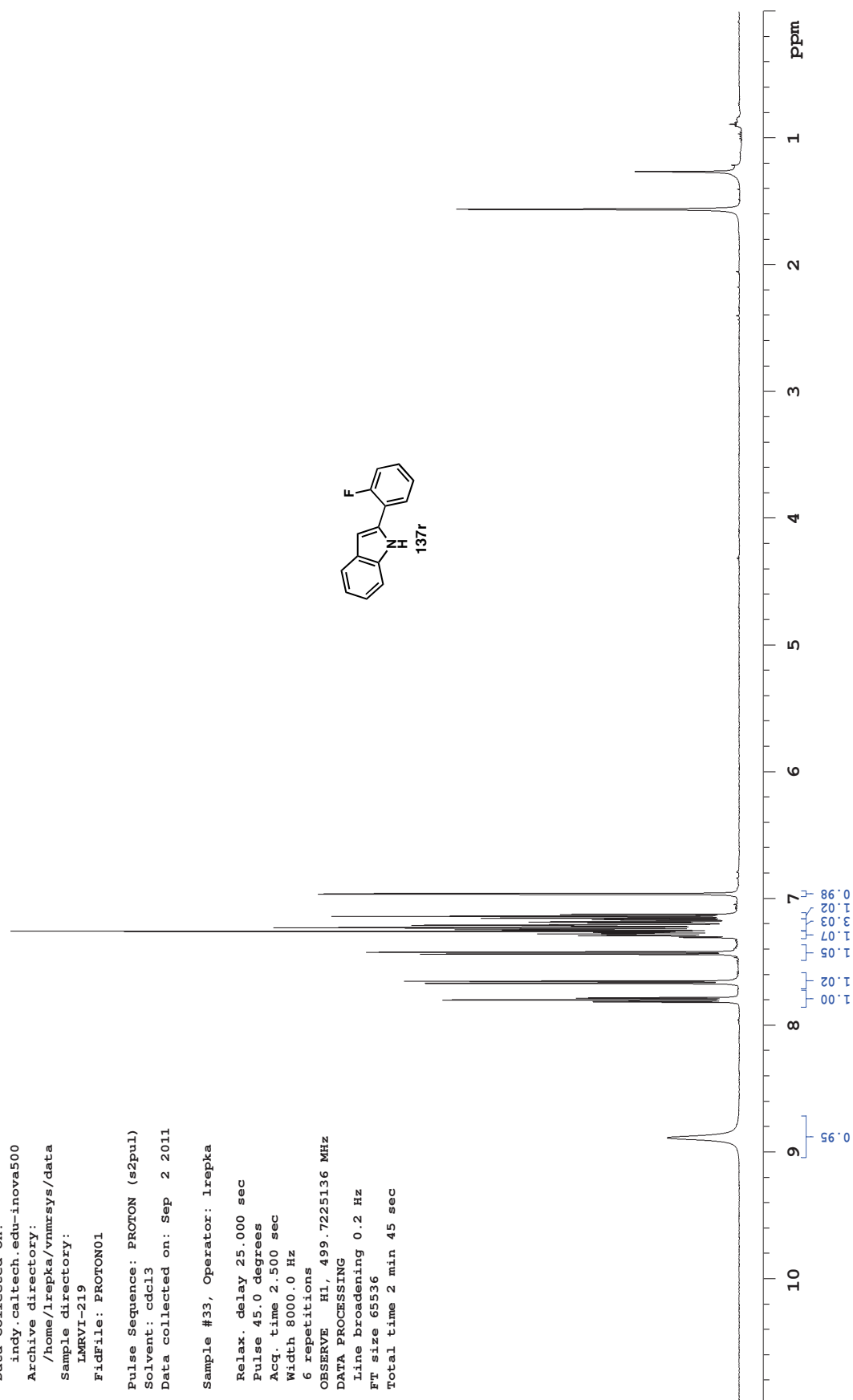
OBSERVE H1, 499.7225136 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 2 min 45 sec



LMRVI-219

Sample Name:

LMRVI-219

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrsys/data

Sample directory:

LMRVI-219

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Sep 2 2011

Sample #33, Operator: lrepka

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1600 repetitions

OBSERVE C13, 125.6553281 MHz

DECOUPLE H1, 499.7250019 MHz

Power 39 dB

continuously on

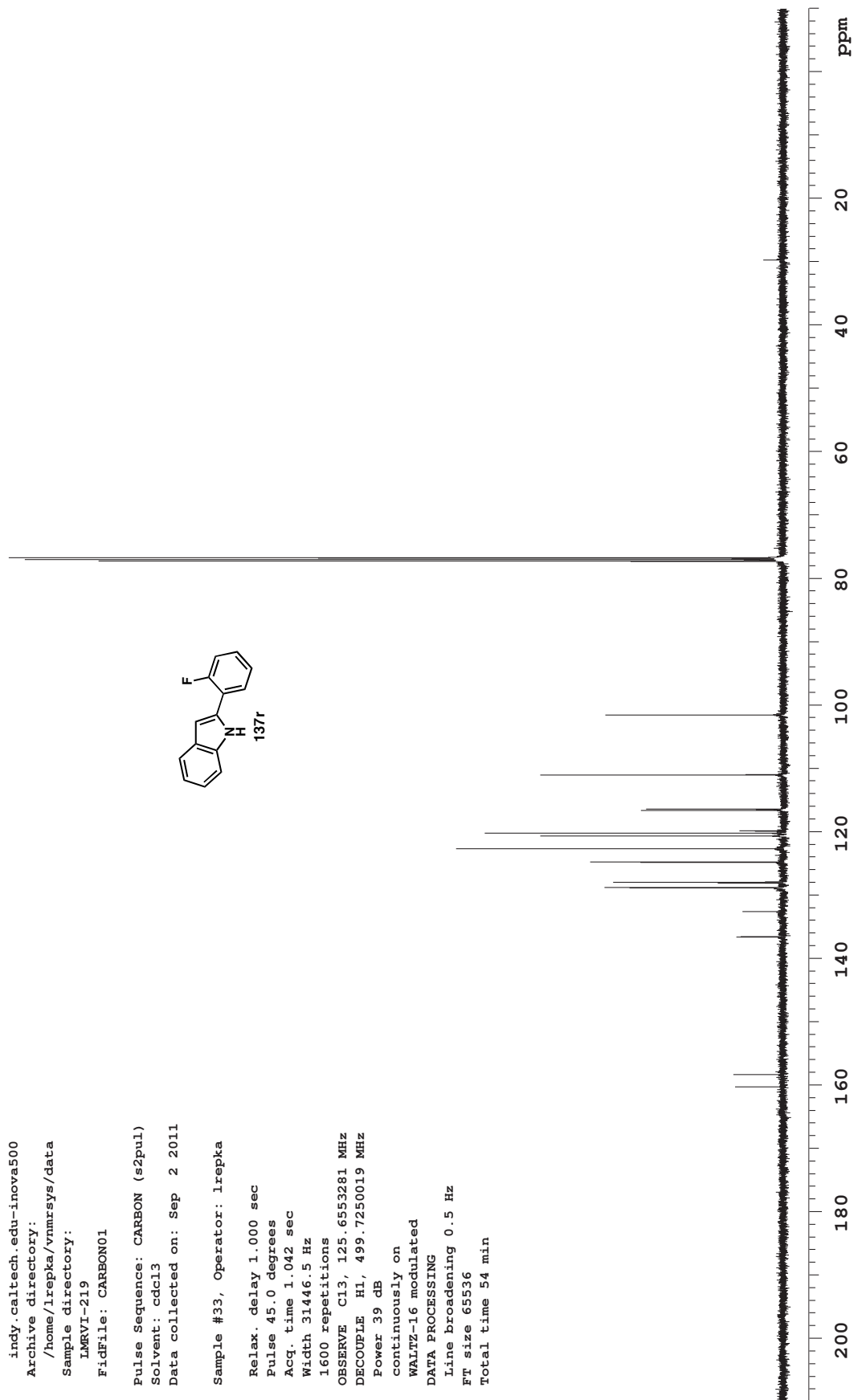
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

FT size 65536

Total time 54 min



MEK-phthalimide-indole-final

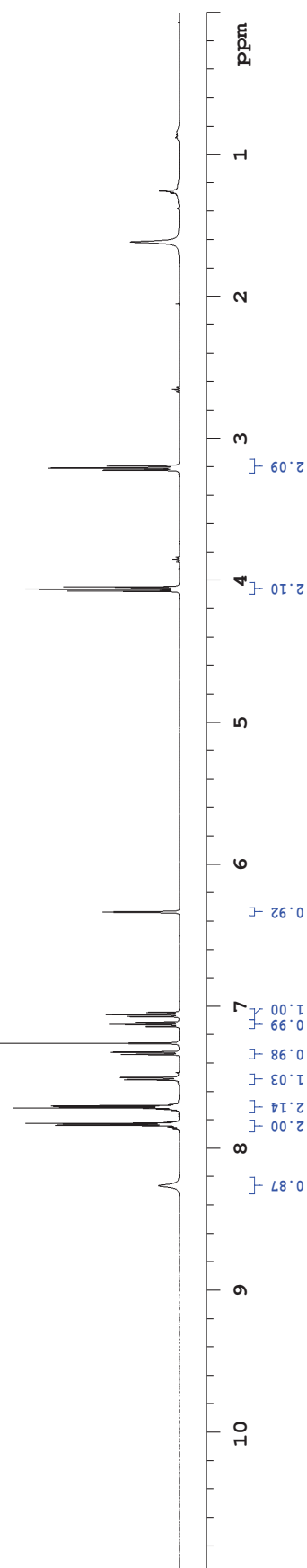
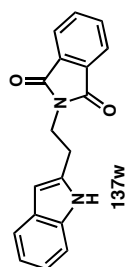
Sample Name:
MEK-phthalimide-indole-final
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/mkieffer/vnmrsys/data
Sample directory:
MEK-phthalimide-indole-final
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Sep 2 2011

Sample #10, Operator: mkieffer

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions

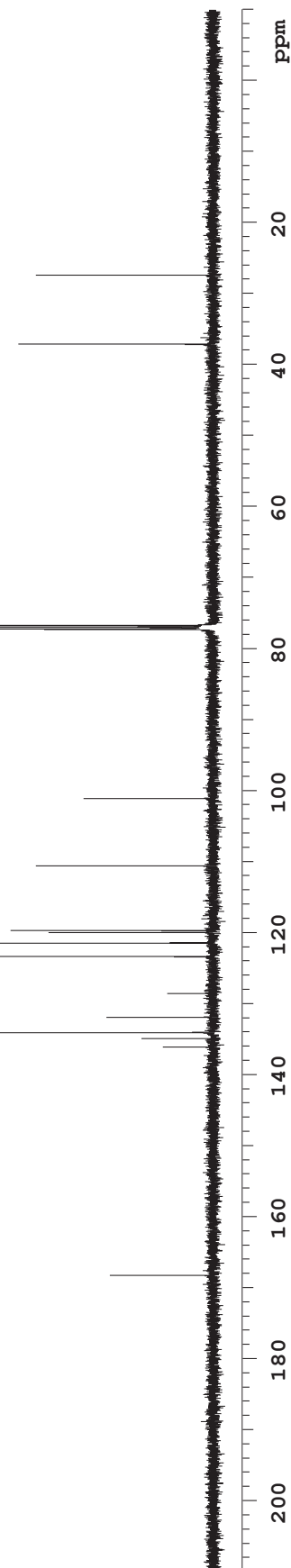
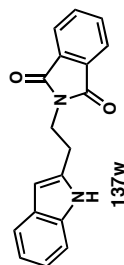
OBSERVE H1, 499.7225128 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 12 sec



MEK-phthalimide-indole-final

Sample Name:
MEK-phthalimide-indole-final
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/mkieffer/vnmrsys/data
Sample directory:
MEK-phthalimide-indole-final
FidFile: CARBON01
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Sep 2 2011

Sample #10, Operator: mkieffer
Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1000 repetitions
OBSERVE C13, 125.6553271 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 34 min



LMRVI-161

Sample Name:

LMRVI-161

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrsys/data

Sample directory:

LMRVI-161

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Jul 27 2011

Sample #33, Operator: lrepka

Relax. delay 25.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

8 repetitions

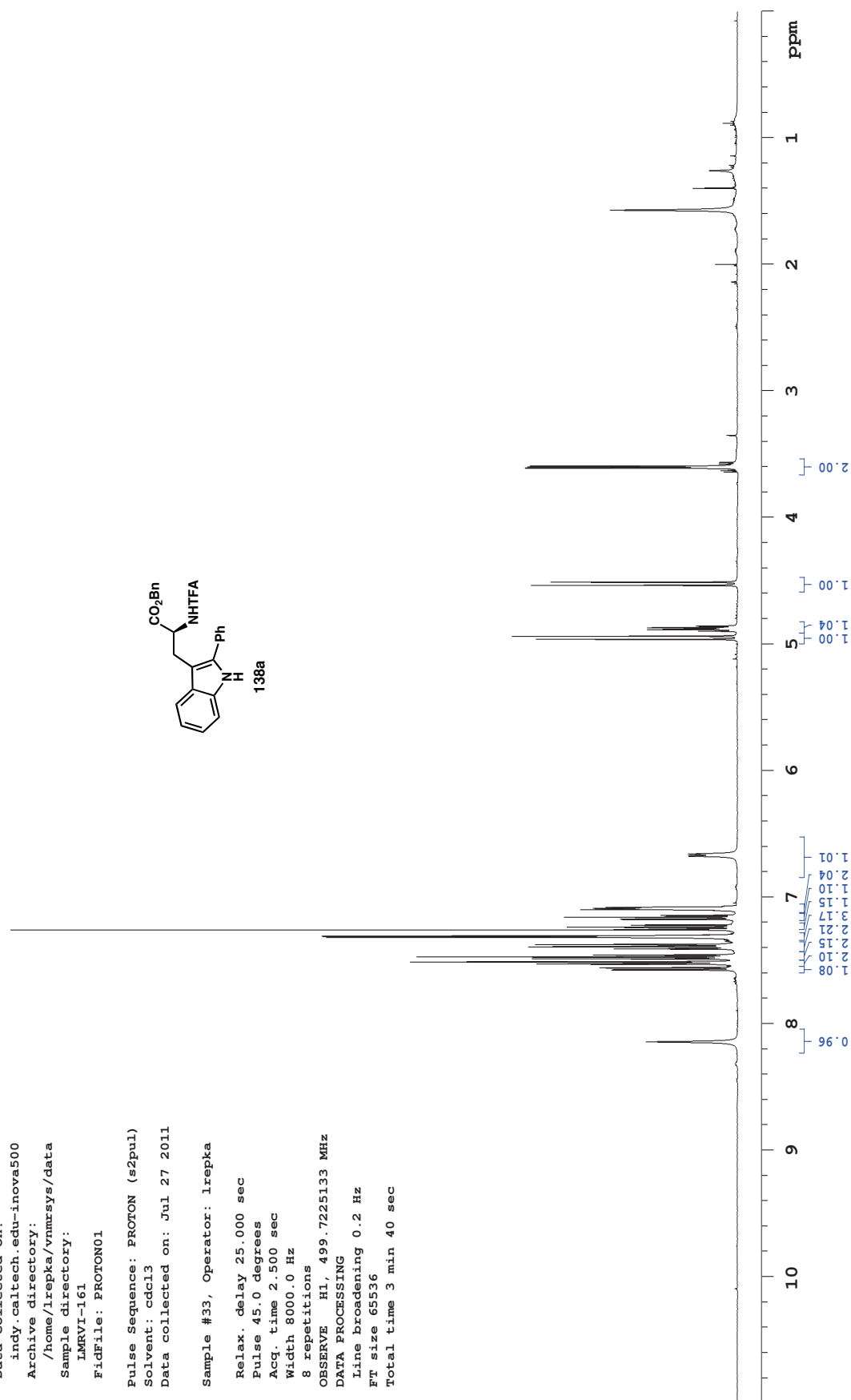
OBSERVE H1, 499.7225133 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 3 min 40 sec



LMRVI-161

Sample Name:

LMRVI-161

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrsys/data

Sample directory:

LMRVI-161

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdc13

Data collected on: Jul 27 2011

Sample #33, Operator: lrepka

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

10000 repetitions

OBSERVE C13, 125.6553284 MHz

DECOUPLE H1, 499.7250019 MHz

Power 39 dB

continuously on

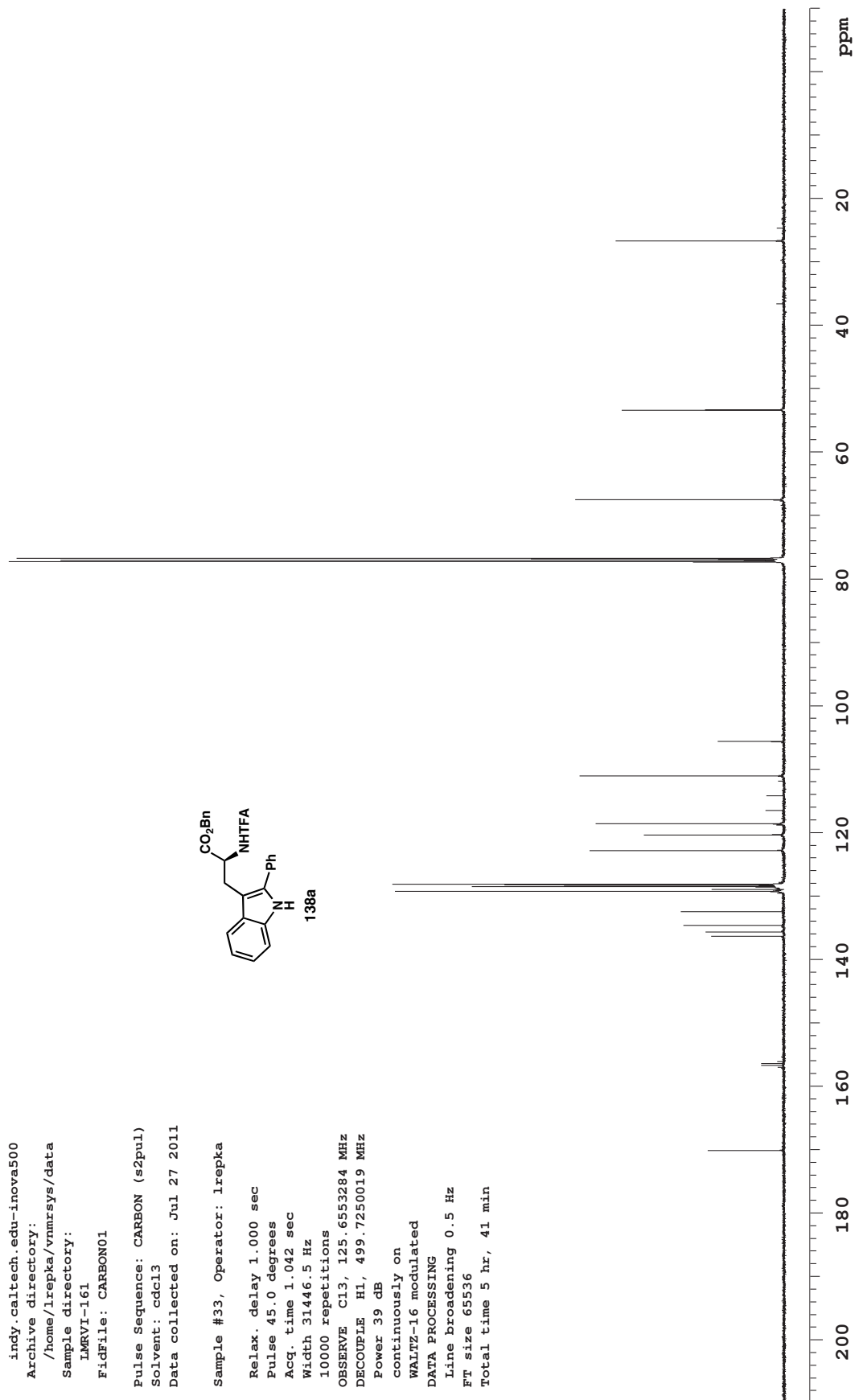
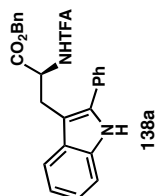
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

FT size 65536

Total time 5 hr, 41 min



LMRVI-205-1

Sample Name:

LMRVI-205-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrsys/data

Sample directory:

LMRVI-205-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Aug 23 2011

Sample #33, Operator: lrepka

Relax. delay 25.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

8 repetitions

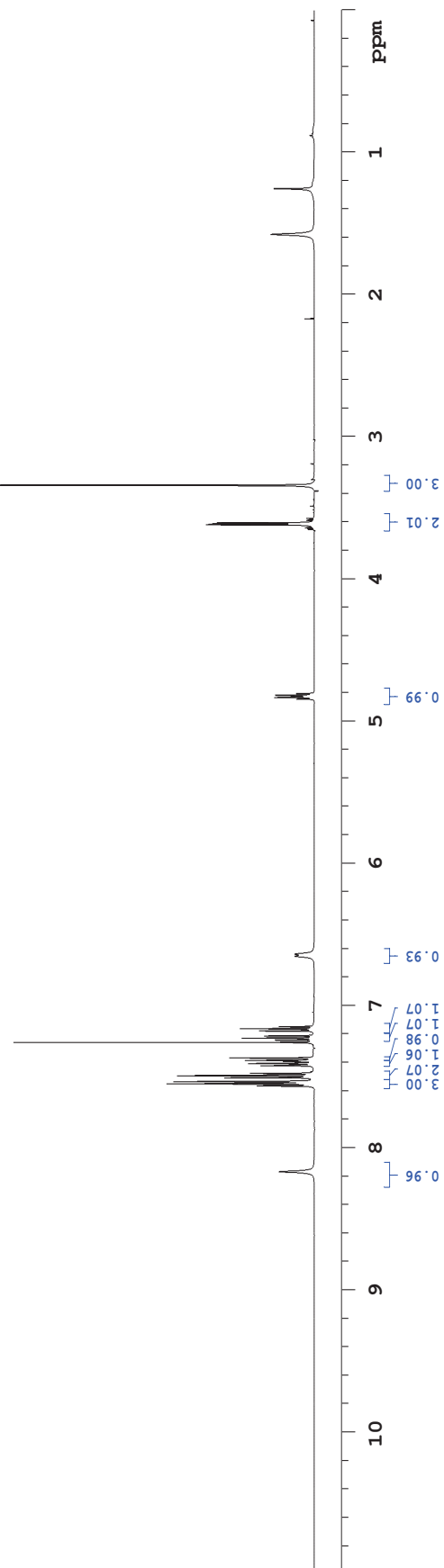
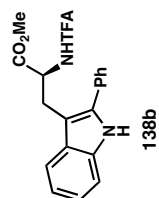
OBSERVE H1, 499.7225131 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 3 min 40 sec



LMRVI-205-1

Sample Name:

LMRVI-205-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrSYS/data

Sample directory:

LMRVI-205-1

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Aug 23 2011

Sample #33, Operator: lrepka

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

10000 repetitions

OBSERVE C13, 125.6553292 MHz

DECOUPLE H1, 499.7250019 MHz

Power 39 dB

continuously on

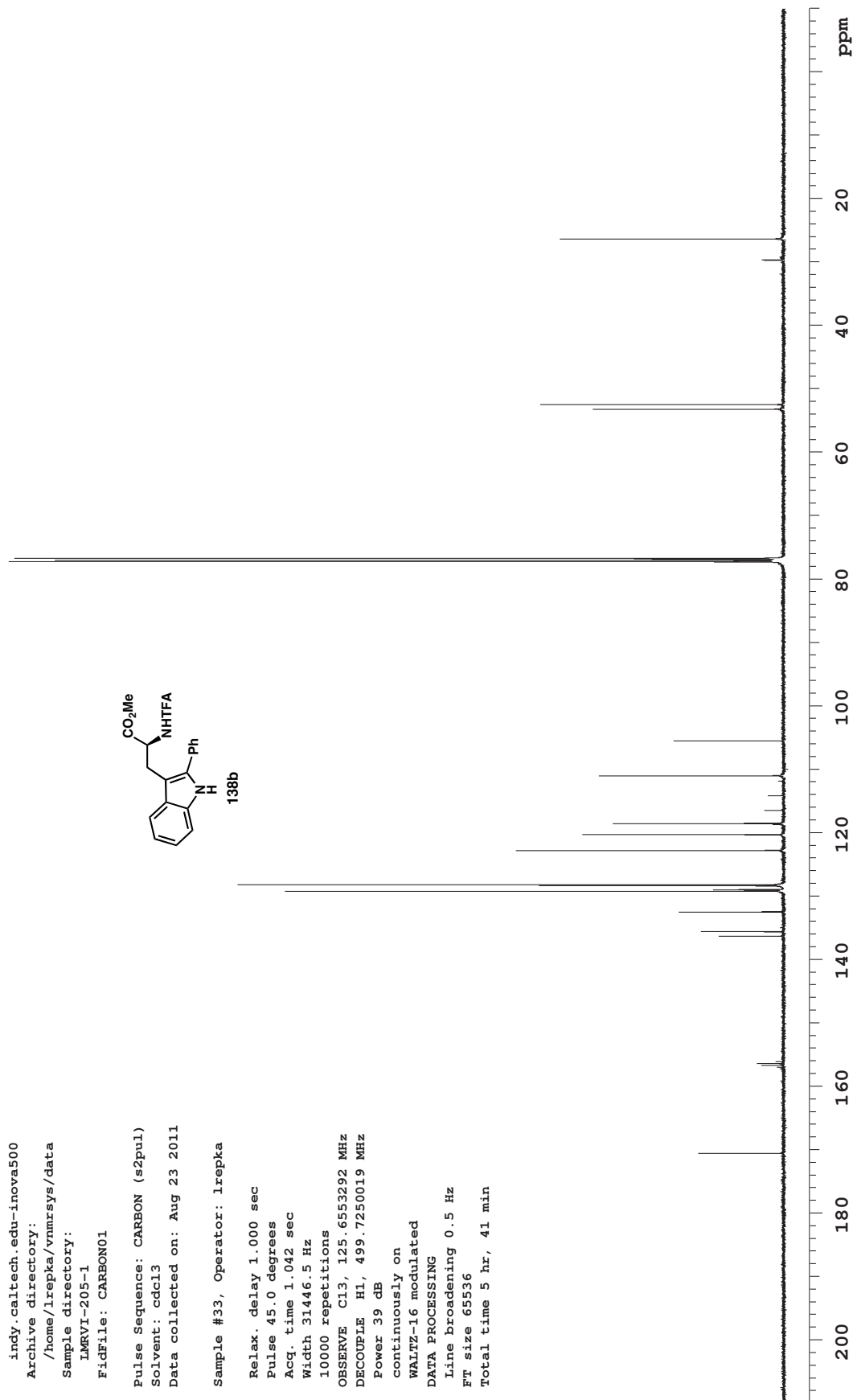
WALTZ-16 modulated

DATA PROCESSING

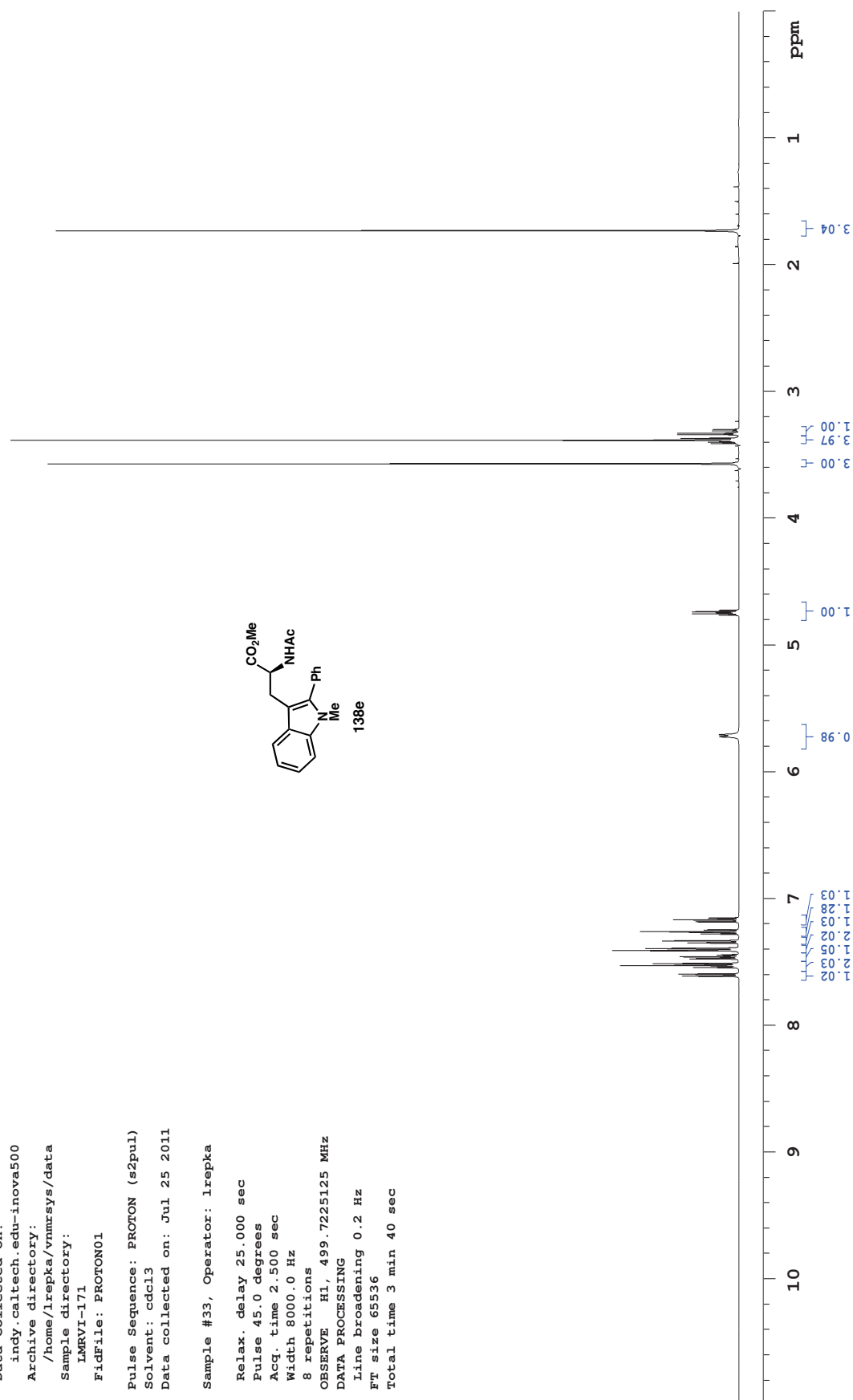
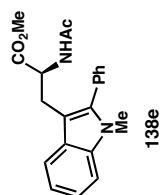
Line broadening 0.5 Hz

FT size 65536

Total time 5 hr, 41 min



Total time 3 min 40 sec



LMRVI-171

Sample Name:

LMRVI-171

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrsys/data

Sample directory:

LMRVI-171

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Jul 25 2011

Sample #33, Operator: lrepka

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1500 repetitions

OBSERVE C13, 125.6553354 MHz

DECOUPLE H1, 499.7250019 MHz

Power 39 dB

continuously on

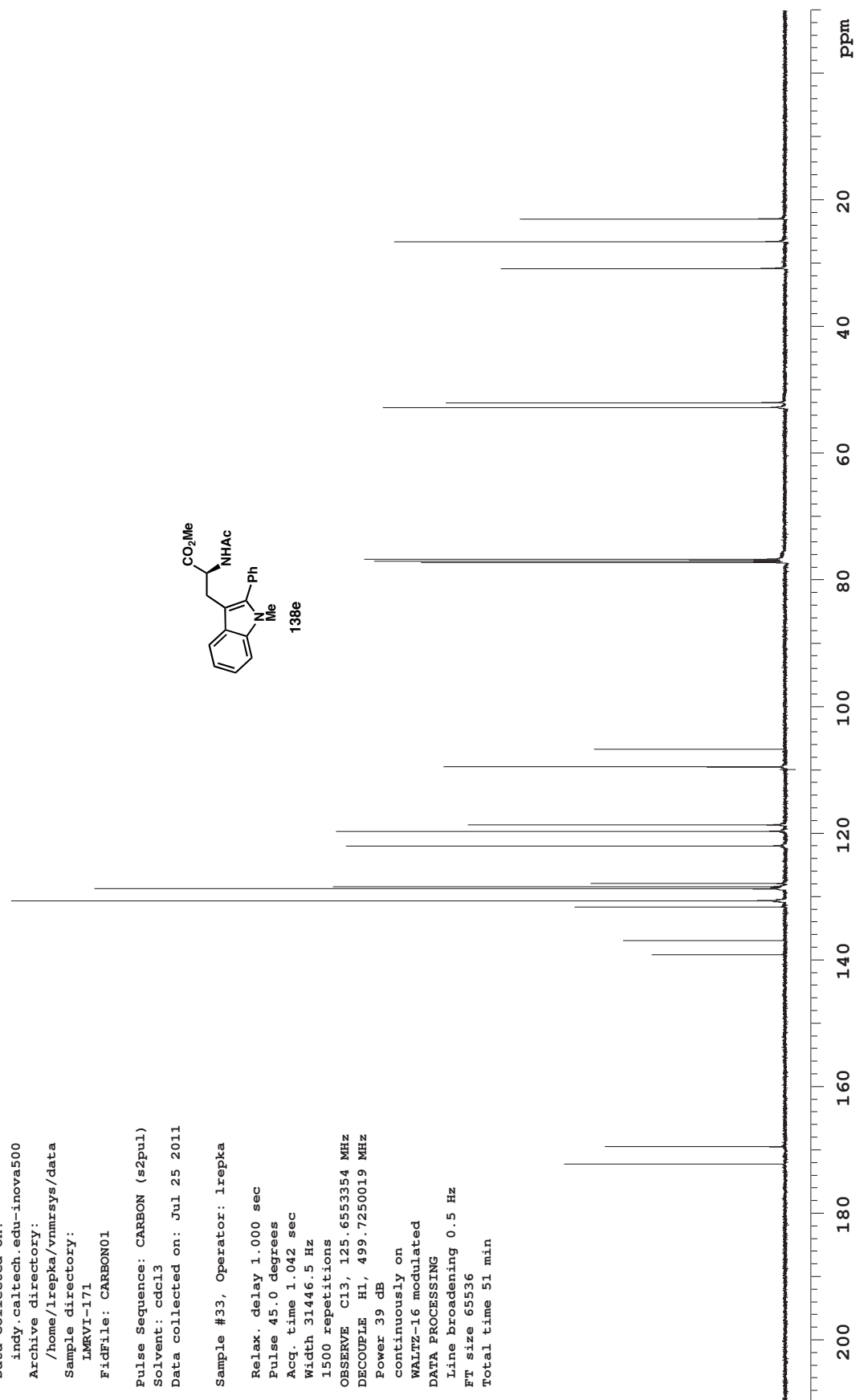
WALTZ-16 modulated

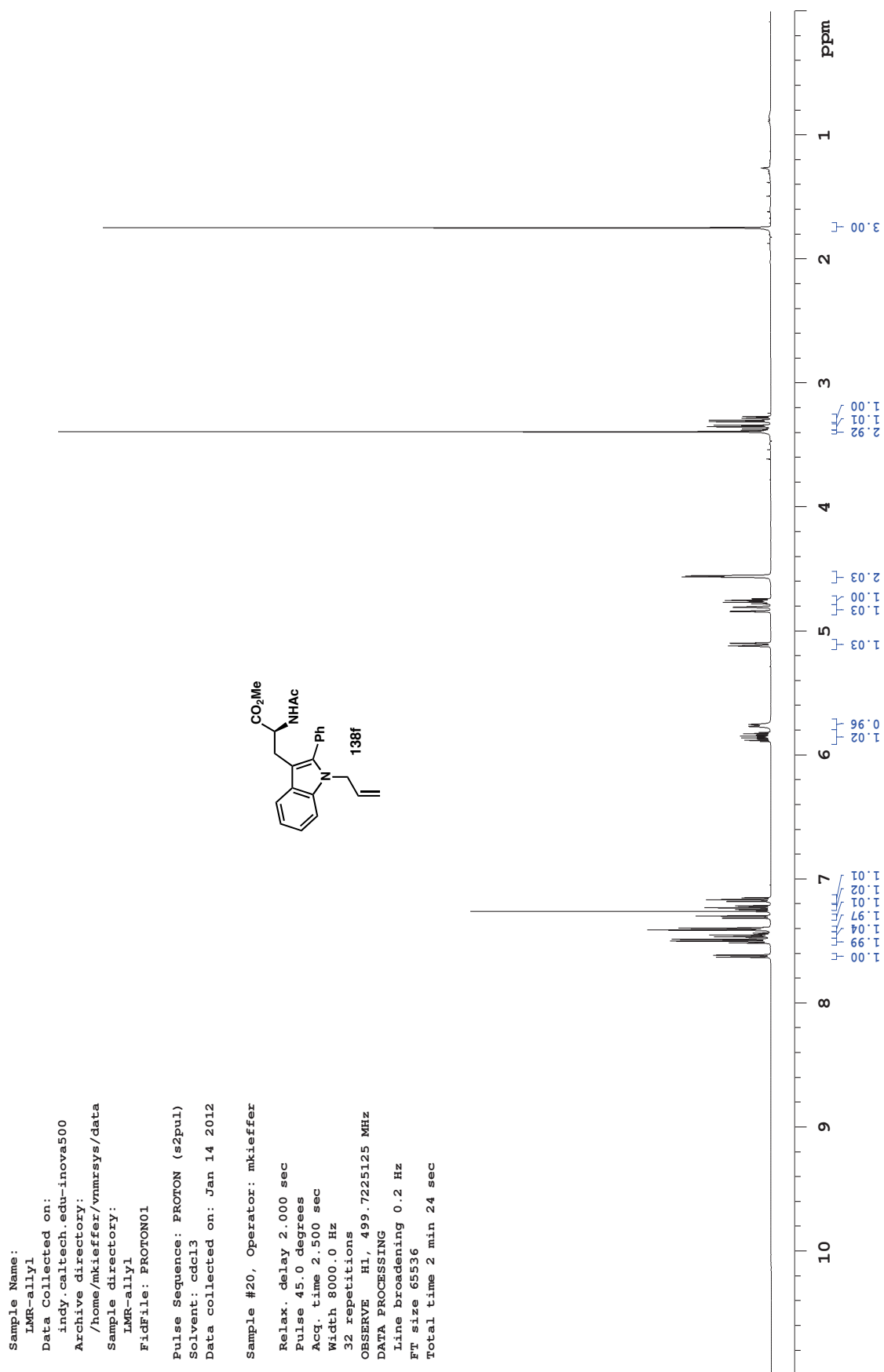
DATA PROCESSING

Line broadening 0.5 Hz

FT size 65536

Total time 51 min



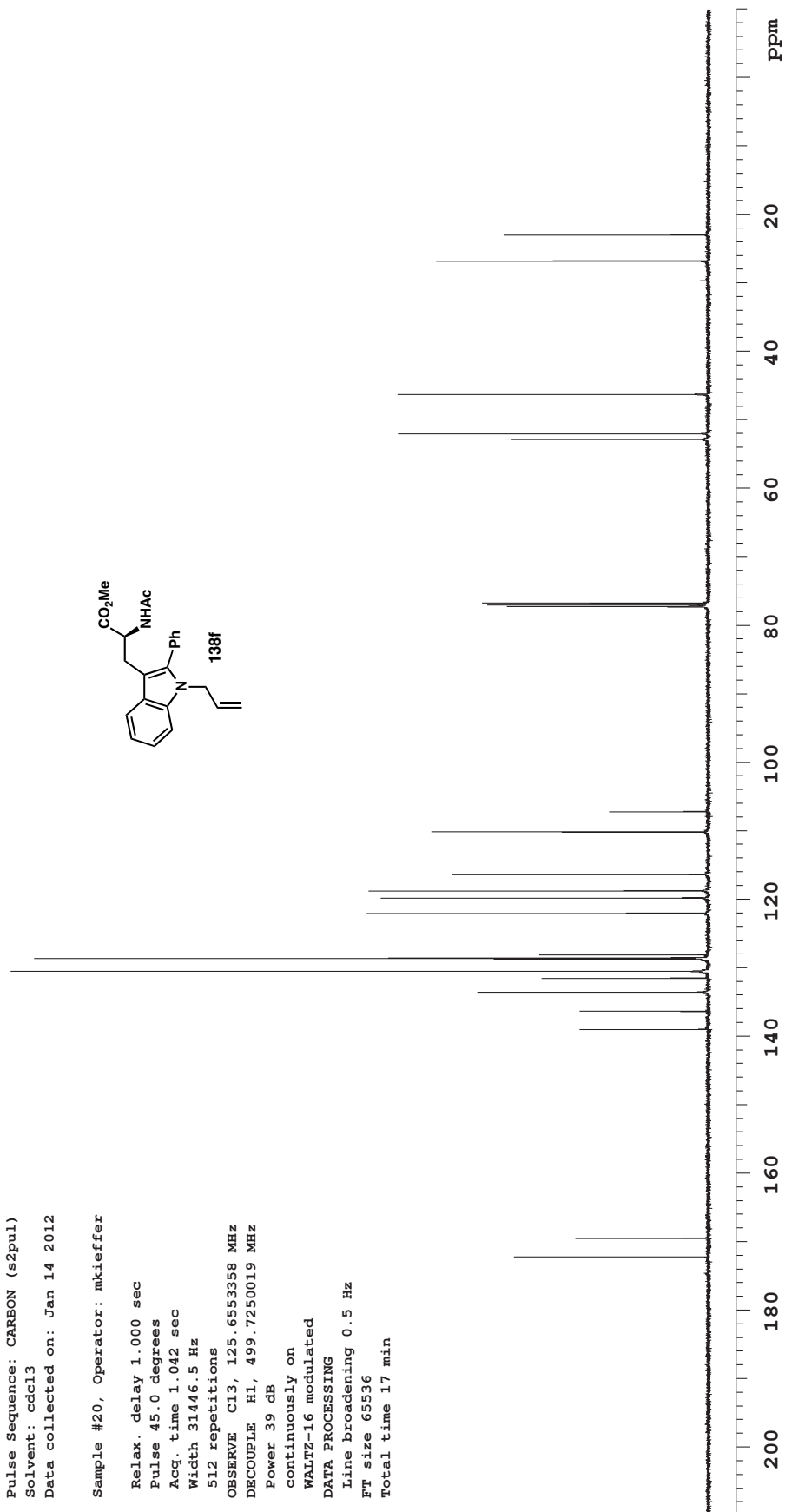


Sample Name:
LMR-allyl
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/mkieffer/vnmrSYS/data
Sample directory:
LMR-allyl
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdc13
Data collected on: Jan 14 2012

Sample #20, Operator: mkieffer

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6553358 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 17 min



MEK3186-1

Sample Name:

MEK3186-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrSYS/data

Sample directory:

MEK3186-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Jul 15 2011

Sample #15, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

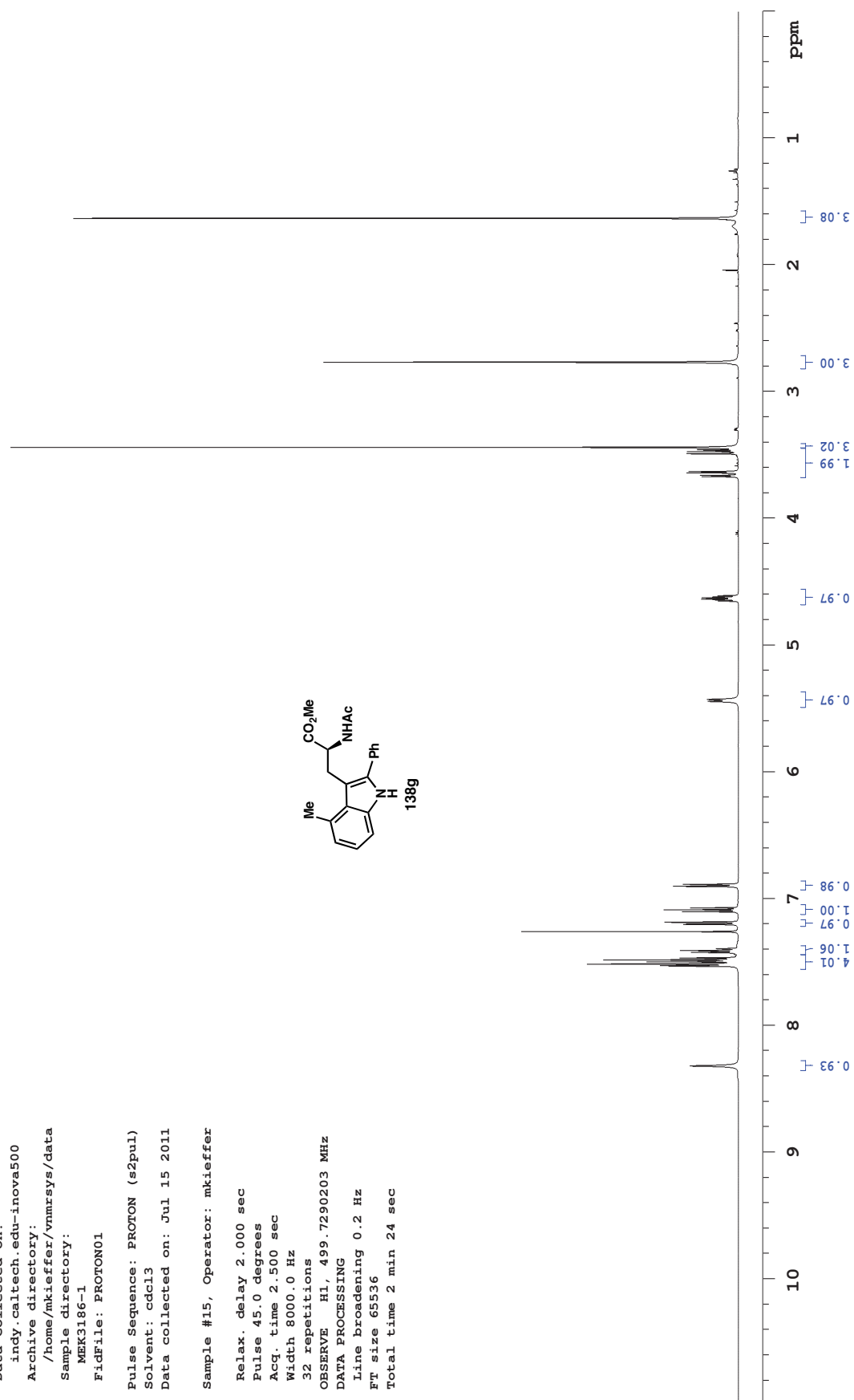
OBSERVE H1, 499.7290203 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 2 min 24 sec



MEK3186-1

Sample Name:

MEK3186-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrSYS/data

Sample directory:

MEK3186-1

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Jul 15 2011

Sample #15, Operator: mkieffer

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1000 repetitions

OBSERVE C13, 125.6553310 MHz

DECOUPLE H1, 499.7250019 MHz

Power 39 dB

continuously on

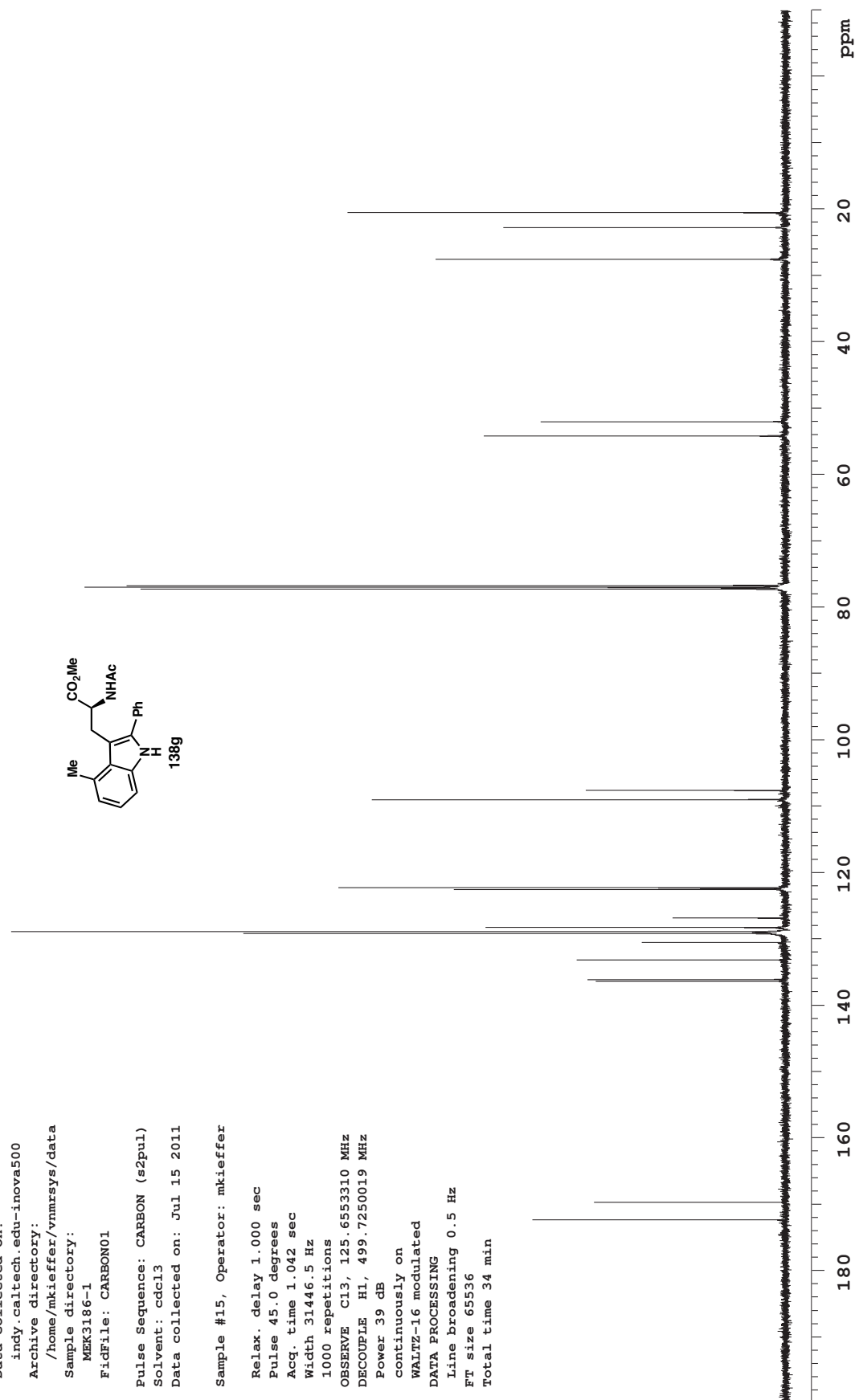
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

FT size 65536

Total time 34 min



MEK3084-1

Sample Name:

MEK3084-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3084-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: May 9 2011

Temp. 25.0 C / 298.1 K

Sample #39, Operator: mkieffer

Relax. delay 5.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

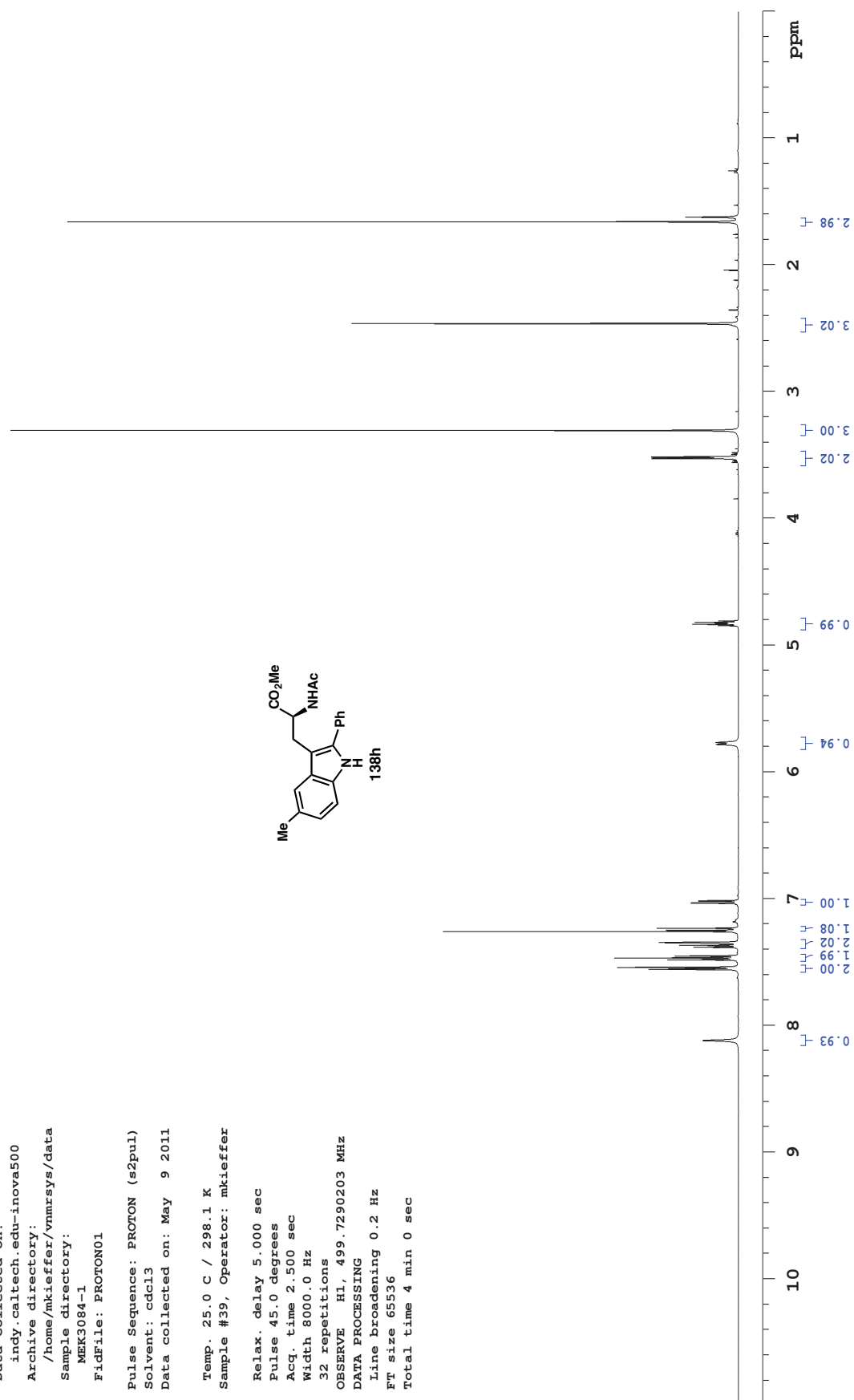
OBSERVE H1, 499.7290203 MHz

DATA PROCESSING

Line broadening 0.2 Hz

Ft size 65536

Total time 4 min 0 sec



MEK3084-1

Sample Name:

MEK3084-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3084-1

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdc13

Data collected on: May 9 2011

Temp. 25.0 C / 298.1 K

Sample #39, Operator: mkieffer

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

512 repetitions

OBSERVE C13, 125.6569642 MHz

DECOUPLE H1, 499.7315163 MHz

Power 39 dB

continuously on

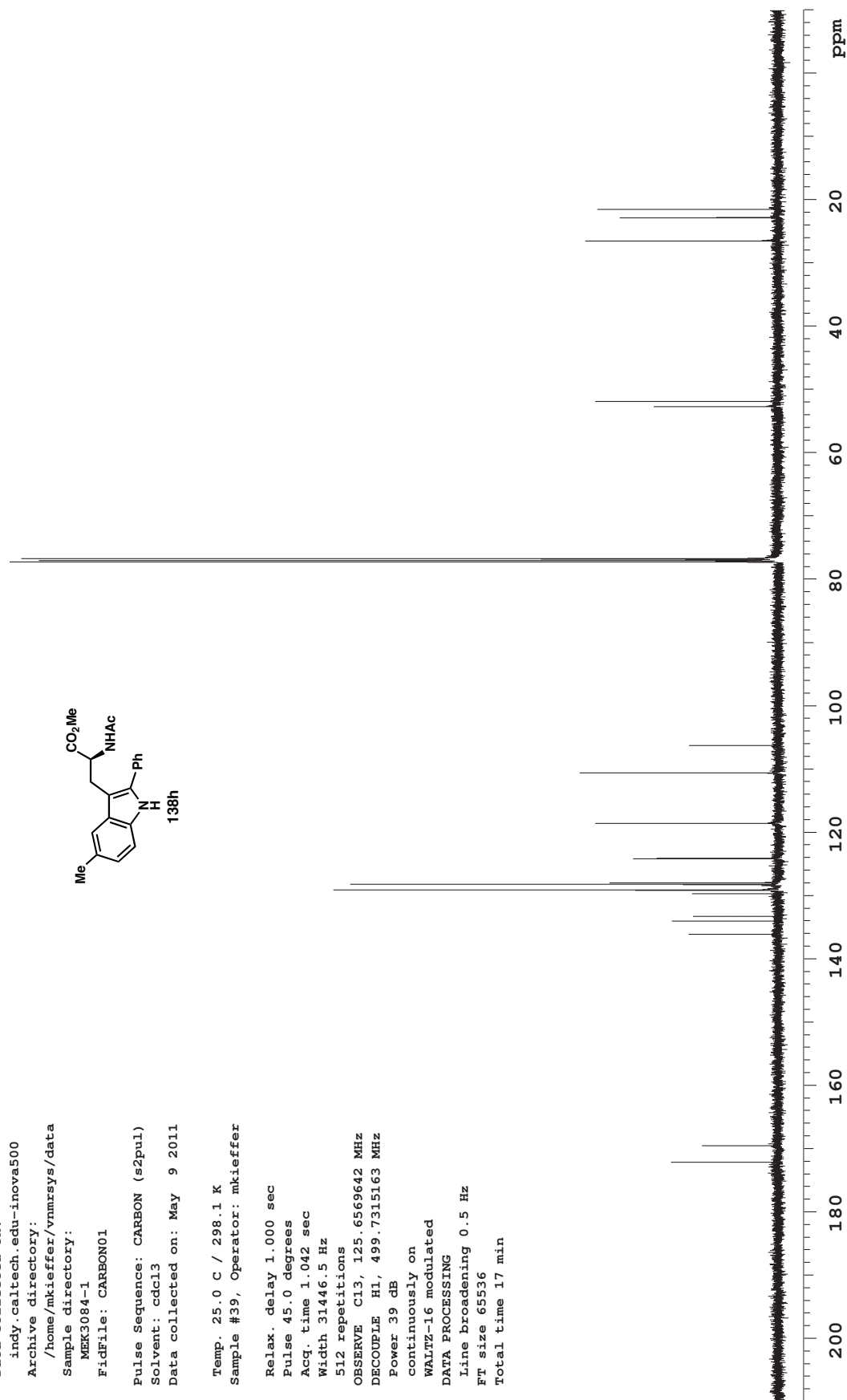
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

FT size 65536

Total time 17 min



MEK3193-1

Sample Name:

MEK3193-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3193-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Jul 21 2011

Sample #33, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

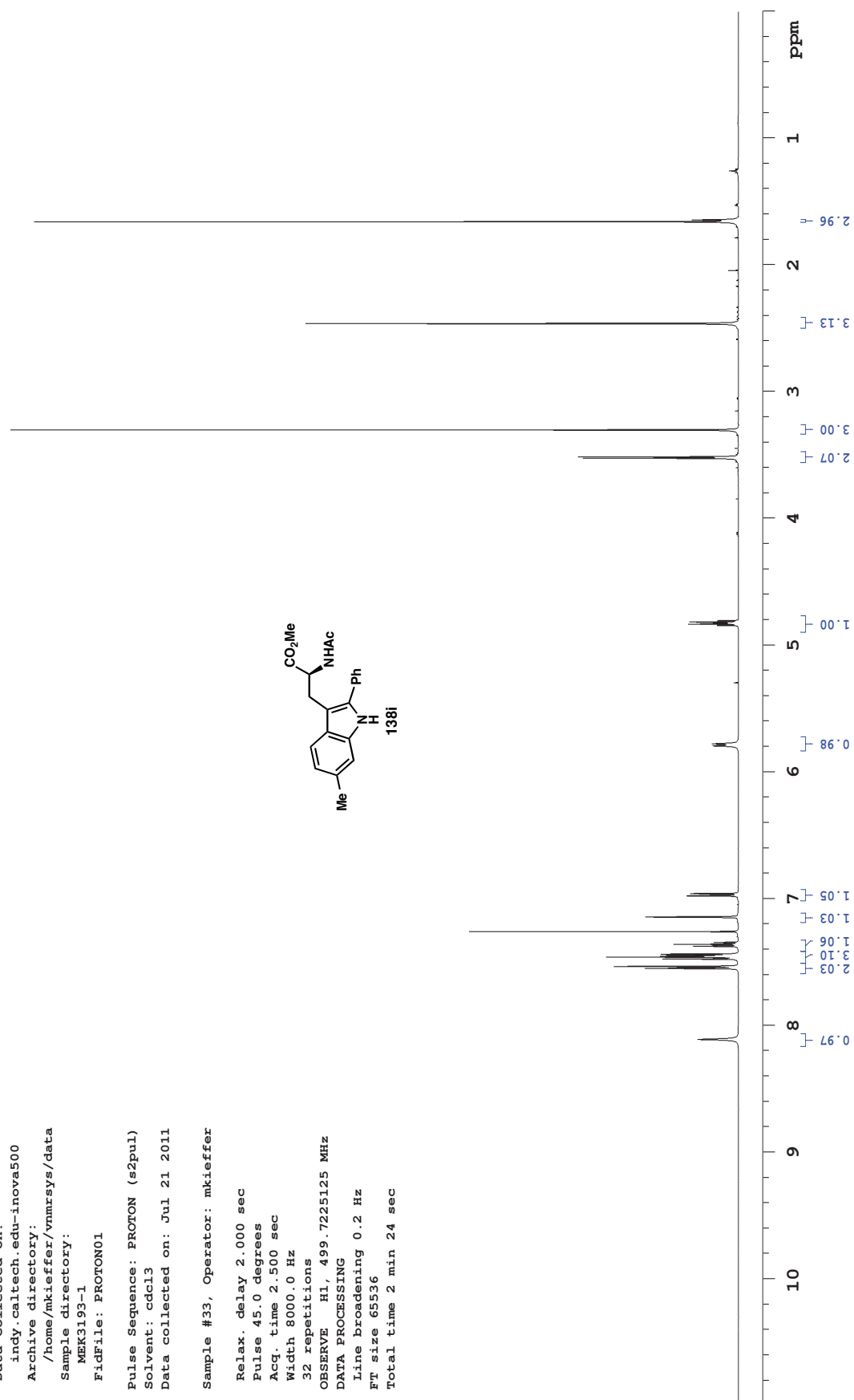
OBSERVE H1, 499.7225125 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 2 min 24 sec



MEK3193-1

Sample Name:

MEK3193-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3193-1

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Jul 21 2011

Sample #33, Operator: mkieffer

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1000 repetitions

OBSERVE C13, 125.6553291 MHz

DECOUPLE H1, 499.7250019 MHz

Power 39 dB

continuously on

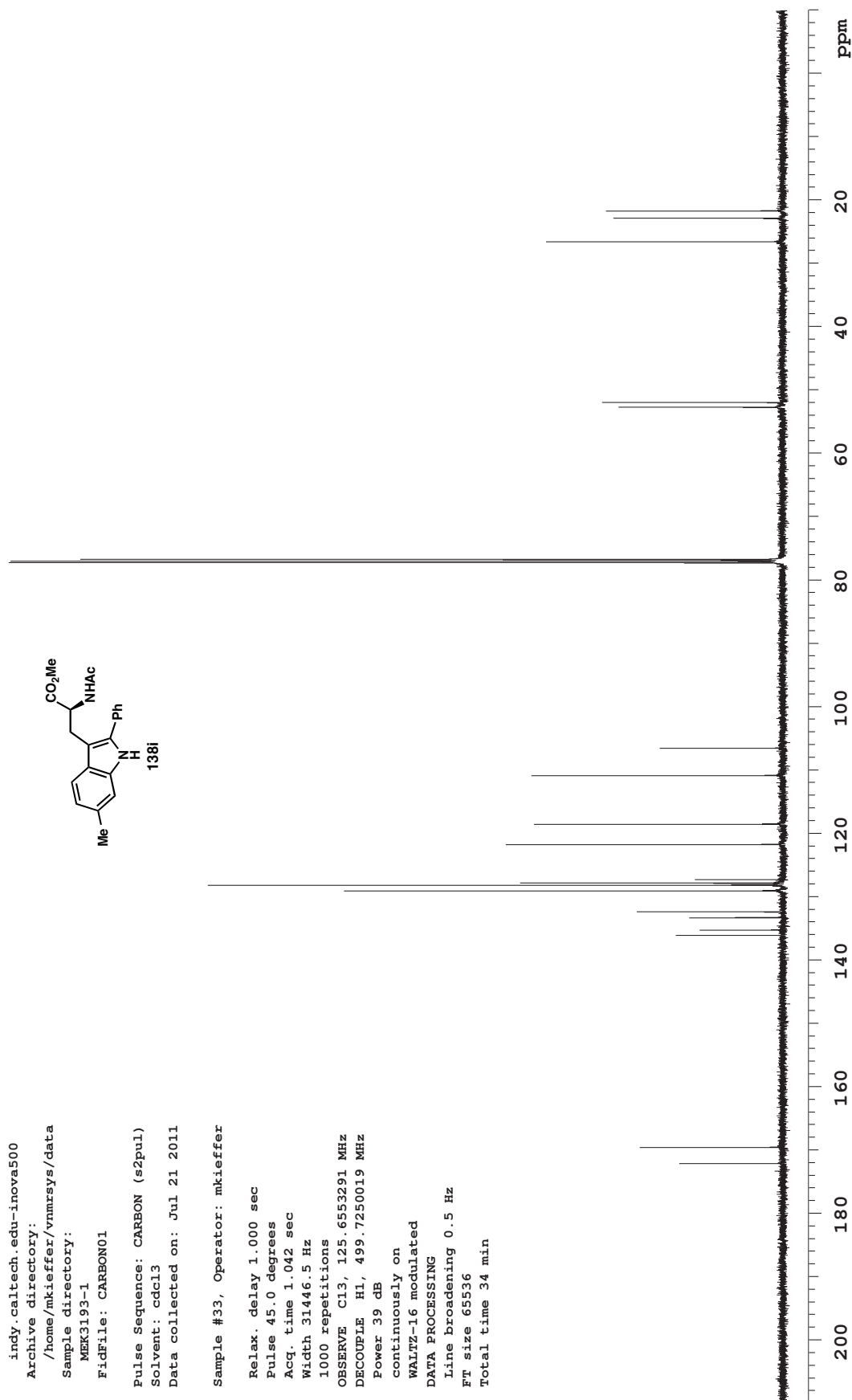
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

FT size 65536

Total time 34 min



MEK3148-1

Sample Name:

MEK3148-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3148-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Jun 20 2011

Temp. 25.0 C / 298.1 K

Sample #14, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

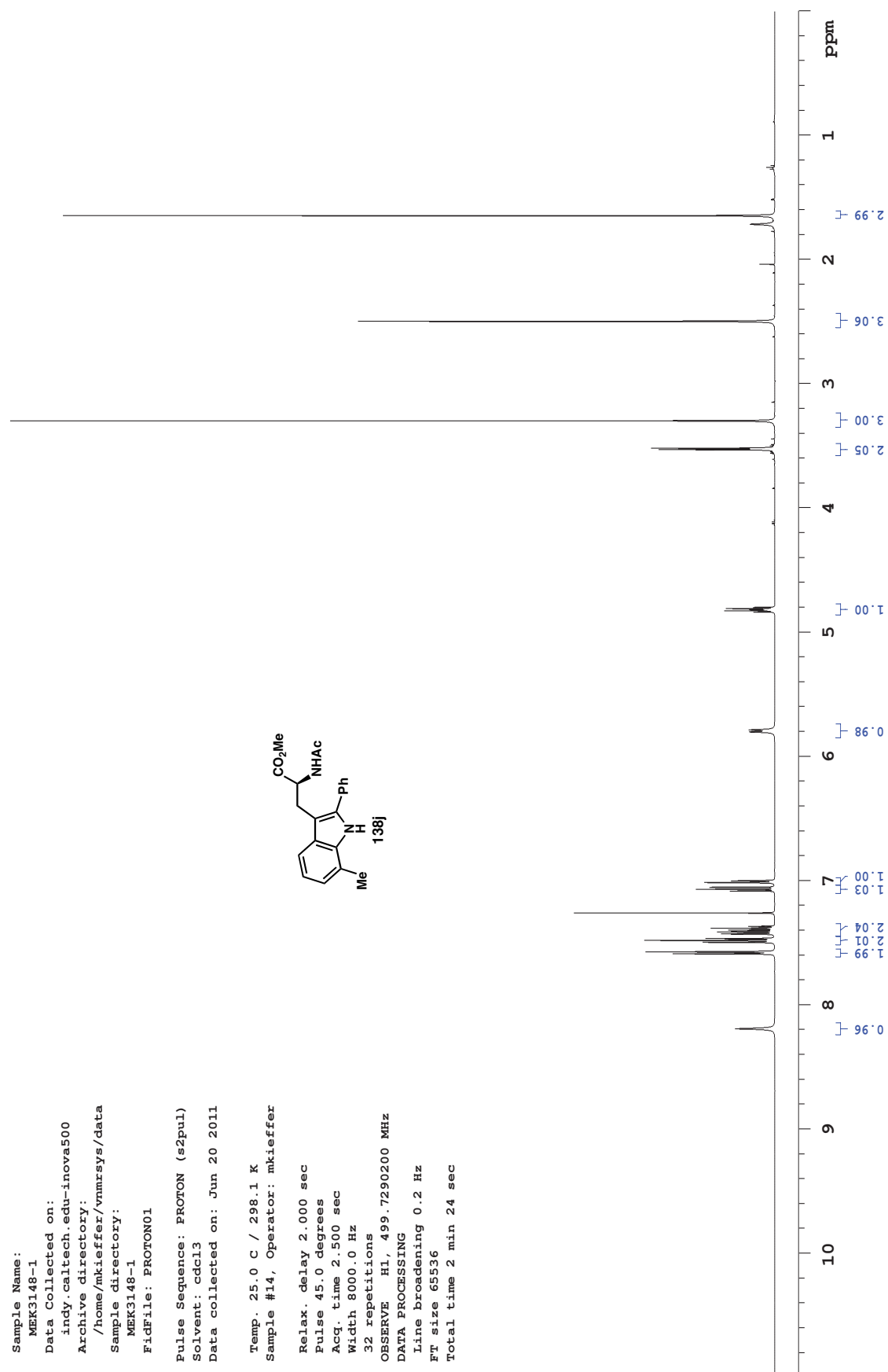
OBSERVE H1, 499.7290200 MHz

DATA PROCESSING

Line broadening 0.2 Hz

Ft size 65536

Total time 2 min 24 sec



MEK3130-1

Sample Name:

MEK3130-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3130-1

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdc13

Data collected on: Jun 7 2011

Temp. 25.0 C / 298.1 K

Sample #15, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

512 repetitions

OBSERVE C13, 125.6569681 MHz

DECOUPLE H1, 499.7315163 MHz

Power 39 dB

continuously on

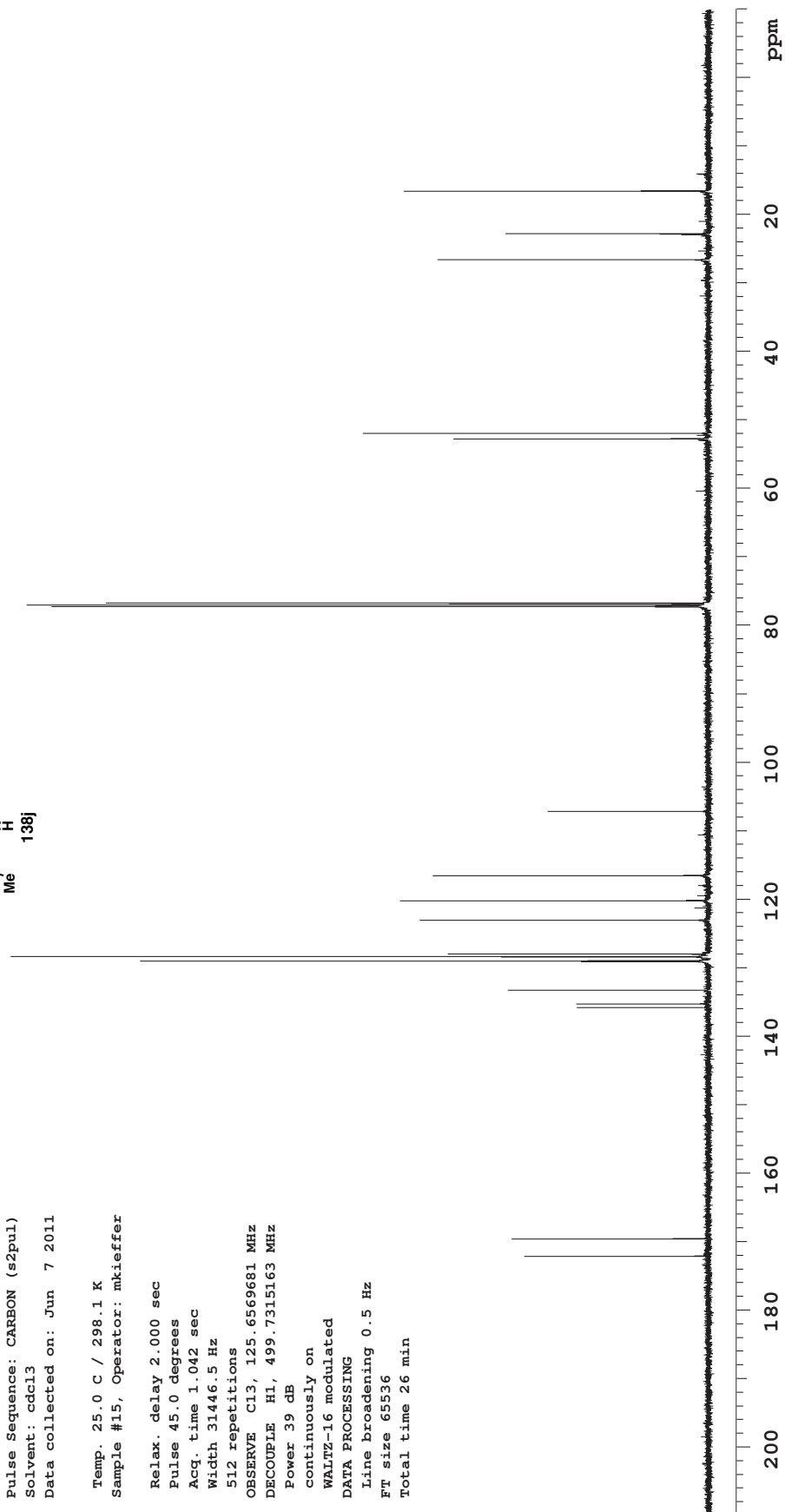
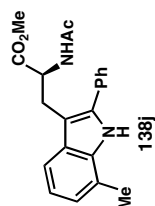
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

Ft size 65536

Total time 26 min



MEK3185-1

Sample Name:

MEK3185-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrSYS/data

Sample directory:

MEK3185-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Jul 15 2011

Sample #14, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

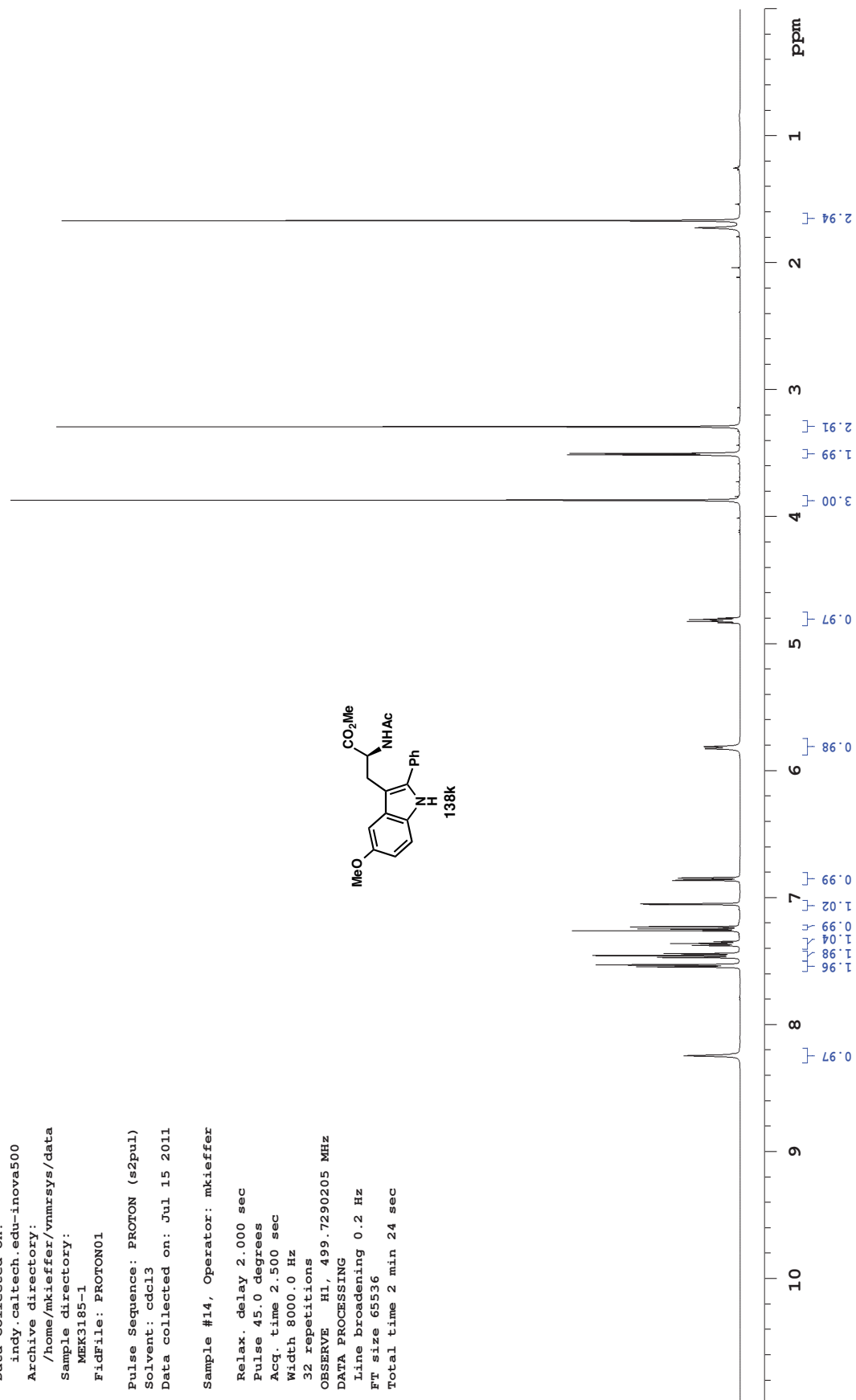
OBSERVE H1, 499.7290205 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 2 min 24 sec



MEK3185-1

Sample Name:

MEK3185-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrSYS/data

Sample directory:

MEK3185-1

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Jul 15 2011

Sample #14, Operator: mkieffer

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1000 repetitions

OBSERVE C13, 125.6553300 MHz

DECOUPLE H1, 499.7250019 MHz

Power 39 dB

continuously on

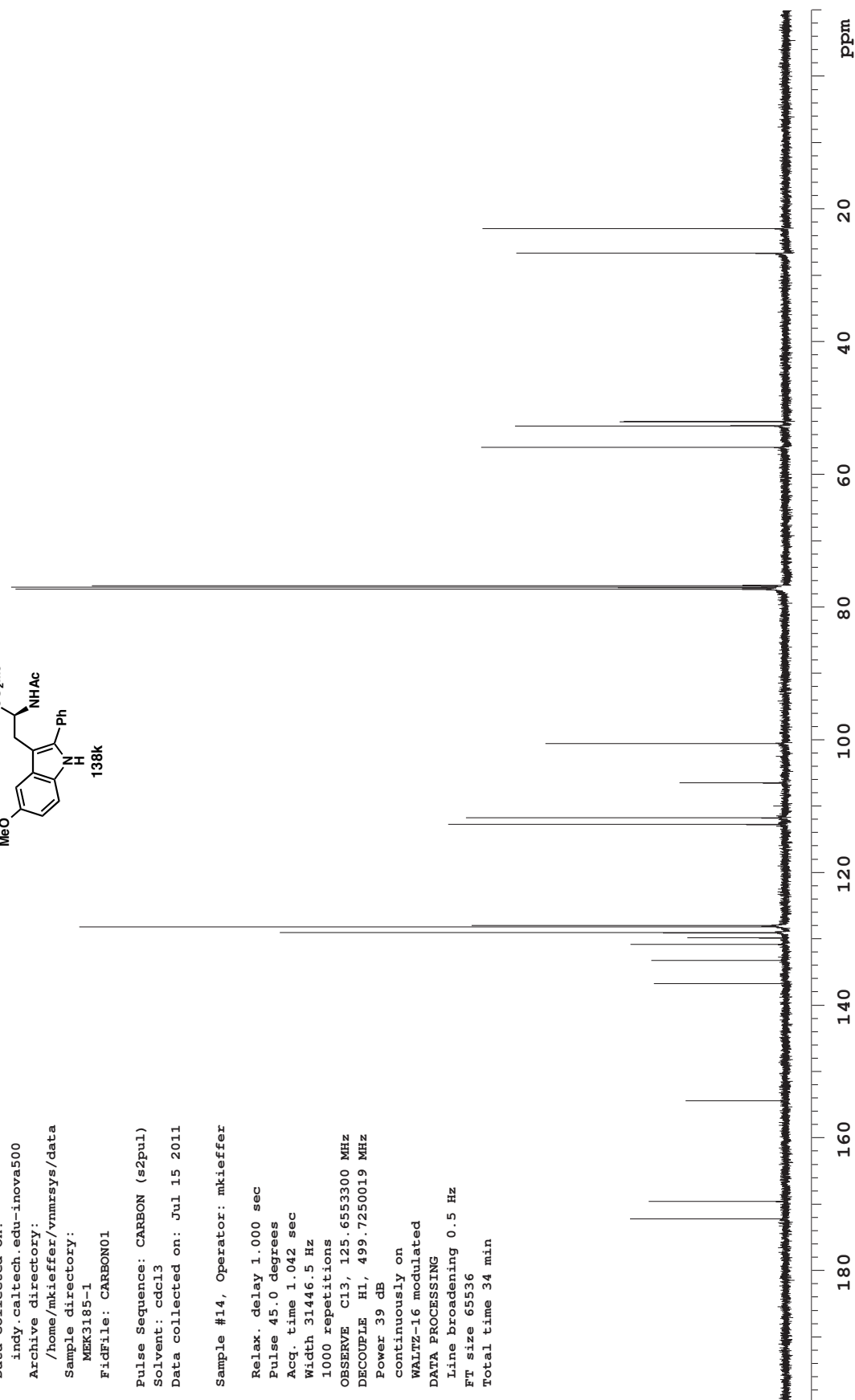
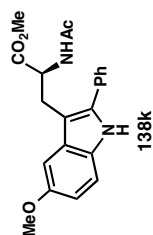
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

FT size 65536

Total time 34 min



MEK-5-Br

Sample Name:

MEK-5-Br

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK-5-Br

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Jun 25 2011

Sample #15, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

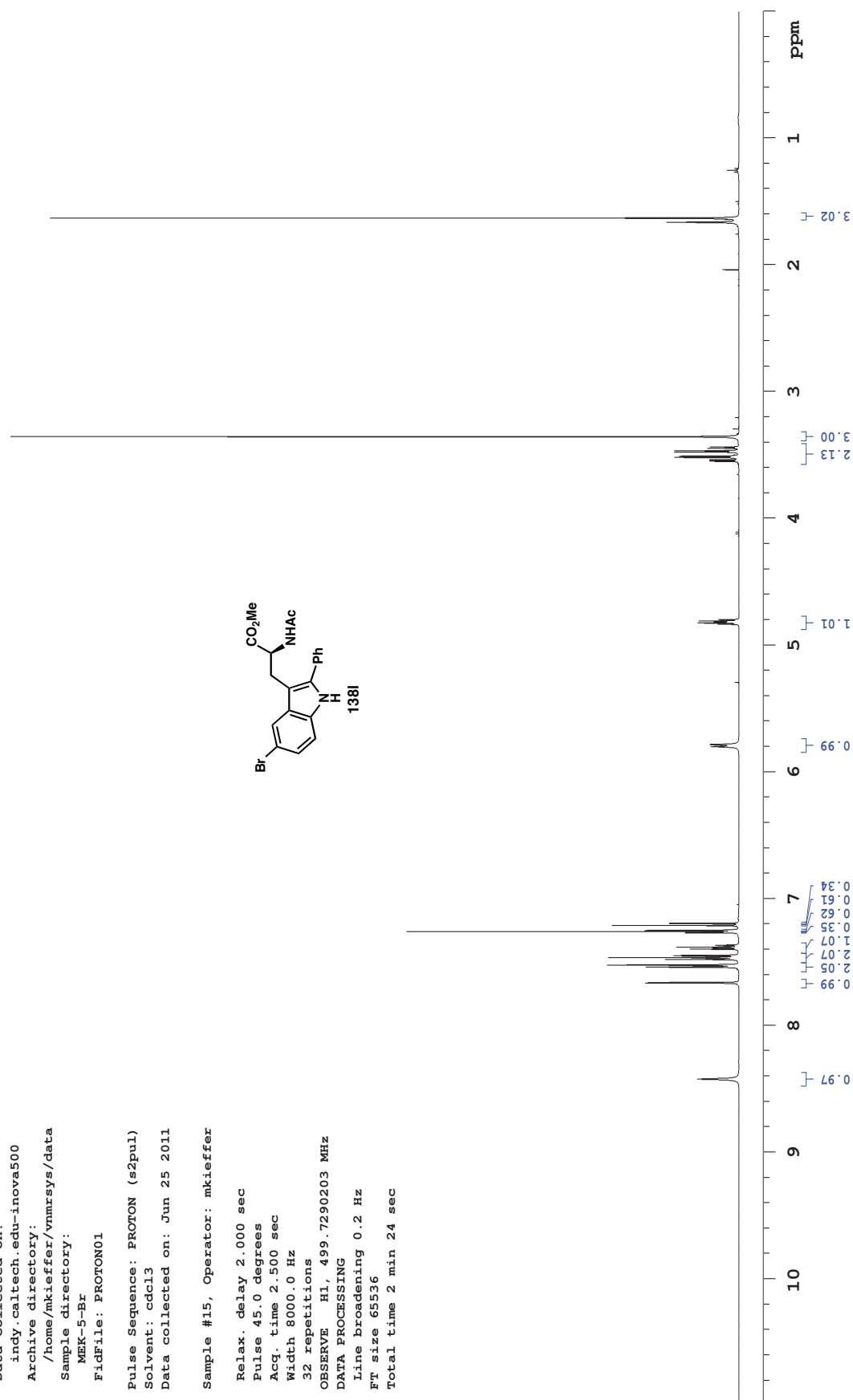
OBSERVE H1, 499.7290203 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 2 min 24 sec



MEK-5-Br

Sample Name:

MEK-5-Br

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrSYS/data

Sample directory:

MEK-5-Br

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Jun 25 2011

Sample #15, Operator: mkieffer

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1000 repetitions

OBSERVE C13, 125.6666408 MHz

DECOUPLE H1, 499.7315163 MHz

Power 39 dB

continuously on

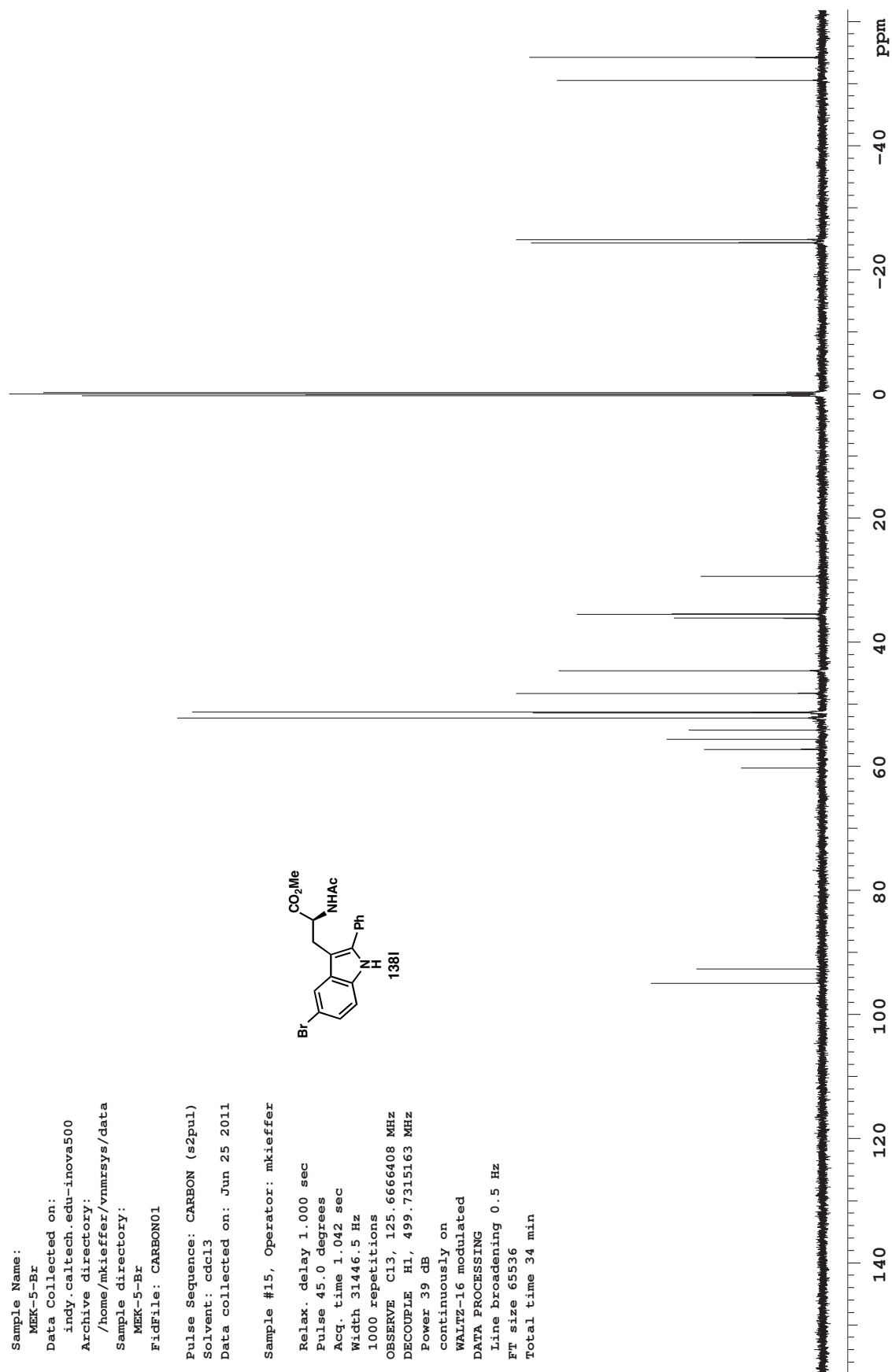
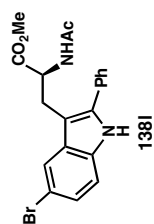
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

FT size 65536

Total time 34 min



MEK3150-1

Sample Name:

MEK3150-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3150-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Jun 20 2011

Temp. 25.0 C / 298.1 K

Sample #15, Operator: mkieffer

Relax. delay 5.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

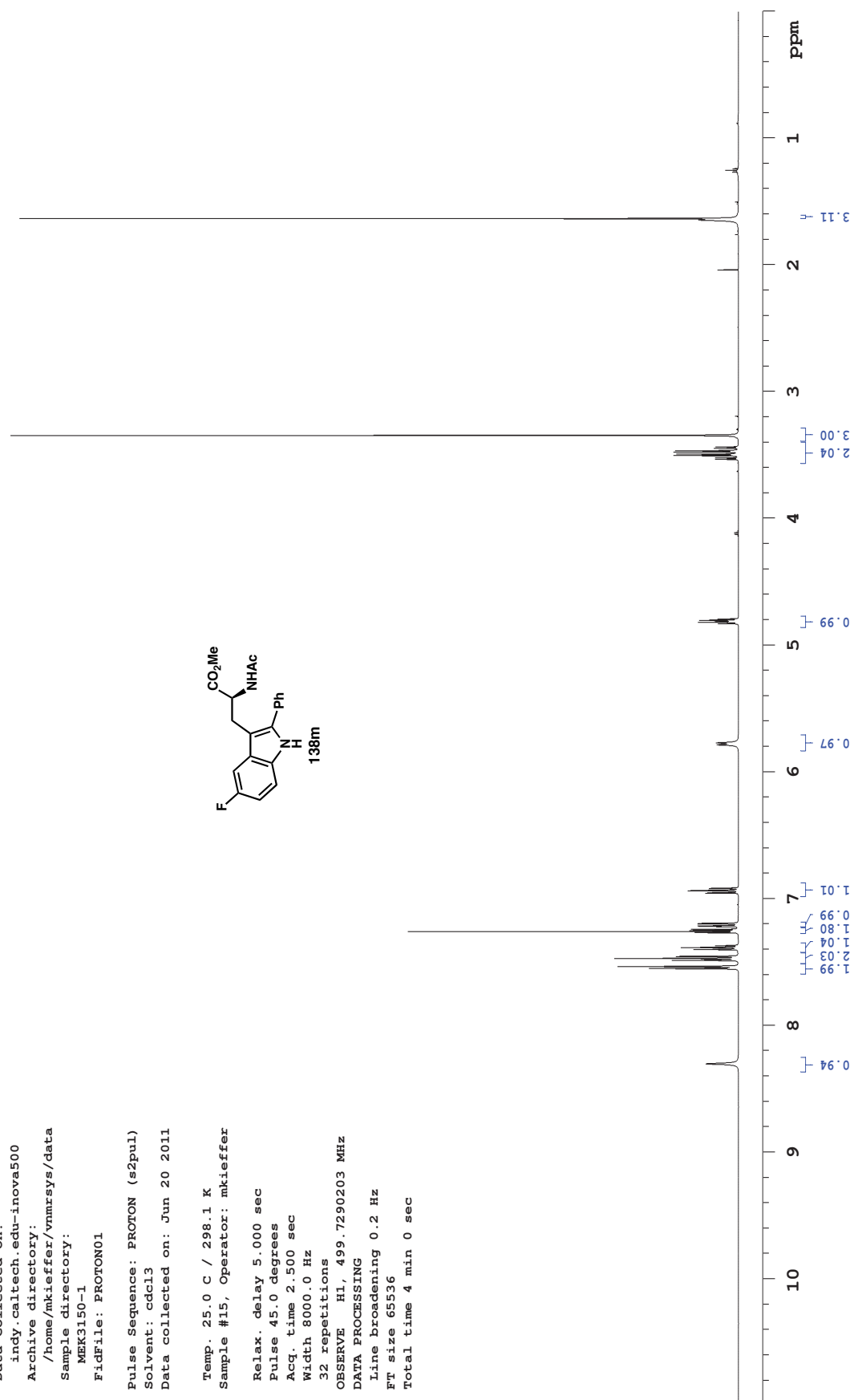
OBSERVE H1, 499.7290203 MHz

DATA PROCESSING

Line broadening 0.2 Hz

Ft size 65536

Total time 4 min 0 sec



MEK3150-1

Sample Name:

MEK3150-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3150-1

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Jun 20 2011

Temp. 25.0 C / 298.1 K

Sample #15, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1000 repetitions

OBSERVE C13, 125.6569633 MHz

DECOUPLE H1, 499.7315163 MHz

Power 39 dB

continuously on

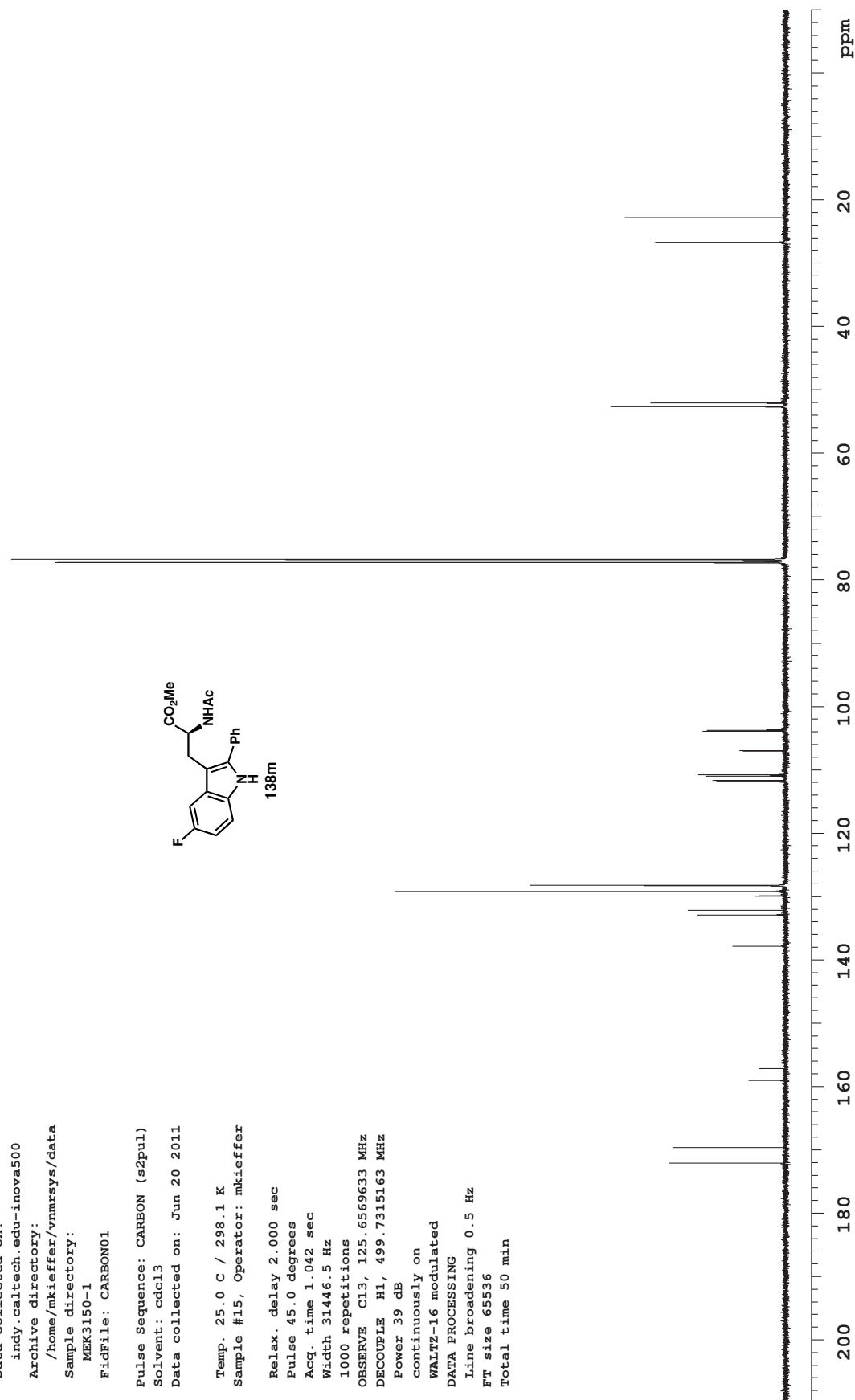
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

Ft size 65536

Total time 50 min



MEK3080-1

Sample Name:

MEK3080-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrSYS/data

Sample directory:

MEK3080-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: May 8 2011

Temp. 25.0 C / 298.1 K

Sample #42, Operator: mkieffer

Relax. delay 5.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

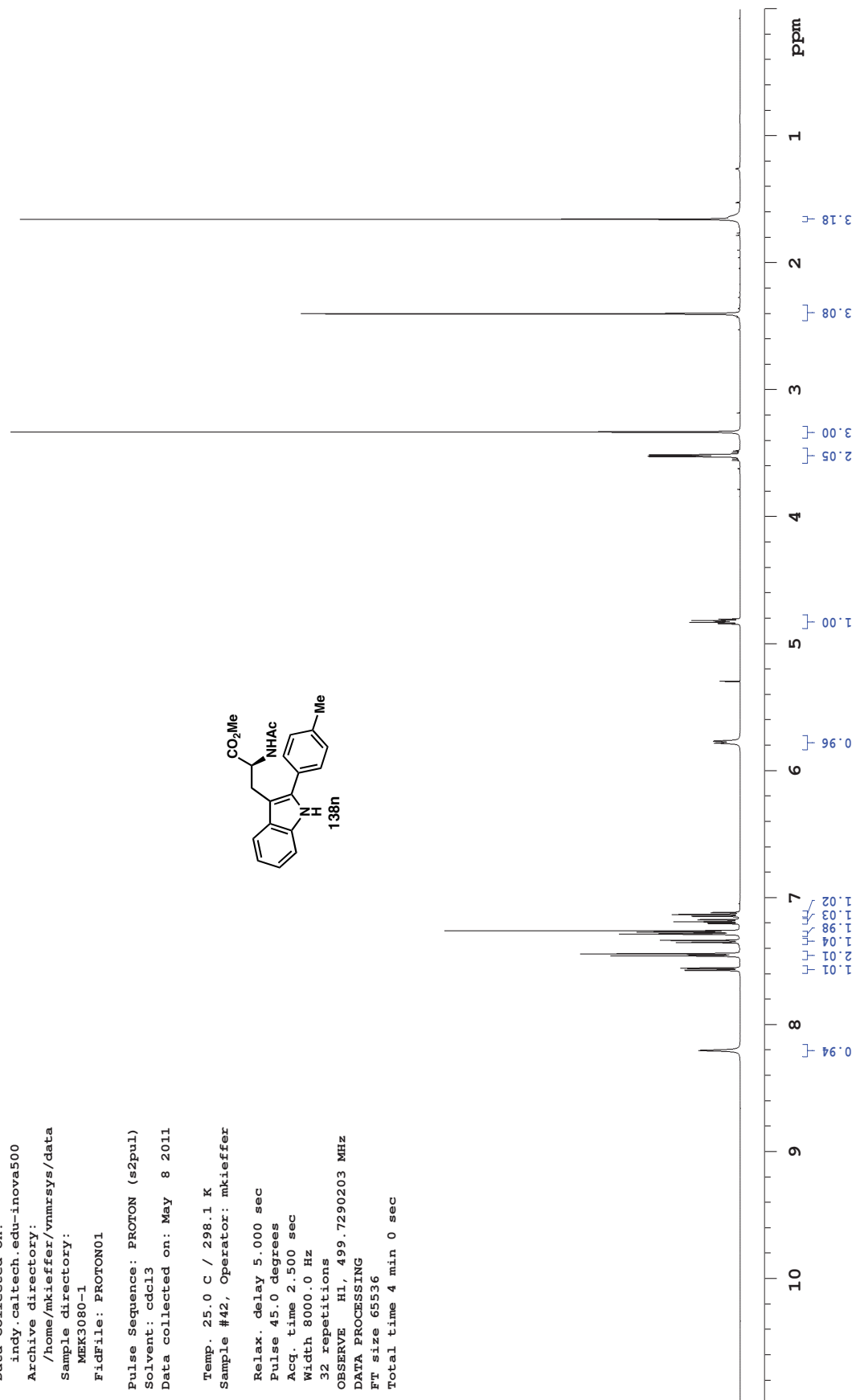
32 repetitions

OBSERVE H1, 499.7290203 MHz

DATA PROCESSING

FT size 65536

Total time 4 min 0 sec



MEK3080-1

Sample Name:

MEK3080-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmr/vars/data

Sample directory:

MEK3080-1

FidFile: current

Pulse Sequence: CARBON (s2pul)

Solvent: cdc13

Data collected on: May 8 2011

Temp. 25.0 C / 298.1 K

Sample #42, Operator: mkieffer

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

384 repetitions

OBSERVE C13, 125.6569642 MHz

DECOUPLE H1, 499.7315163 MHz

Power 39 dB

continuously on

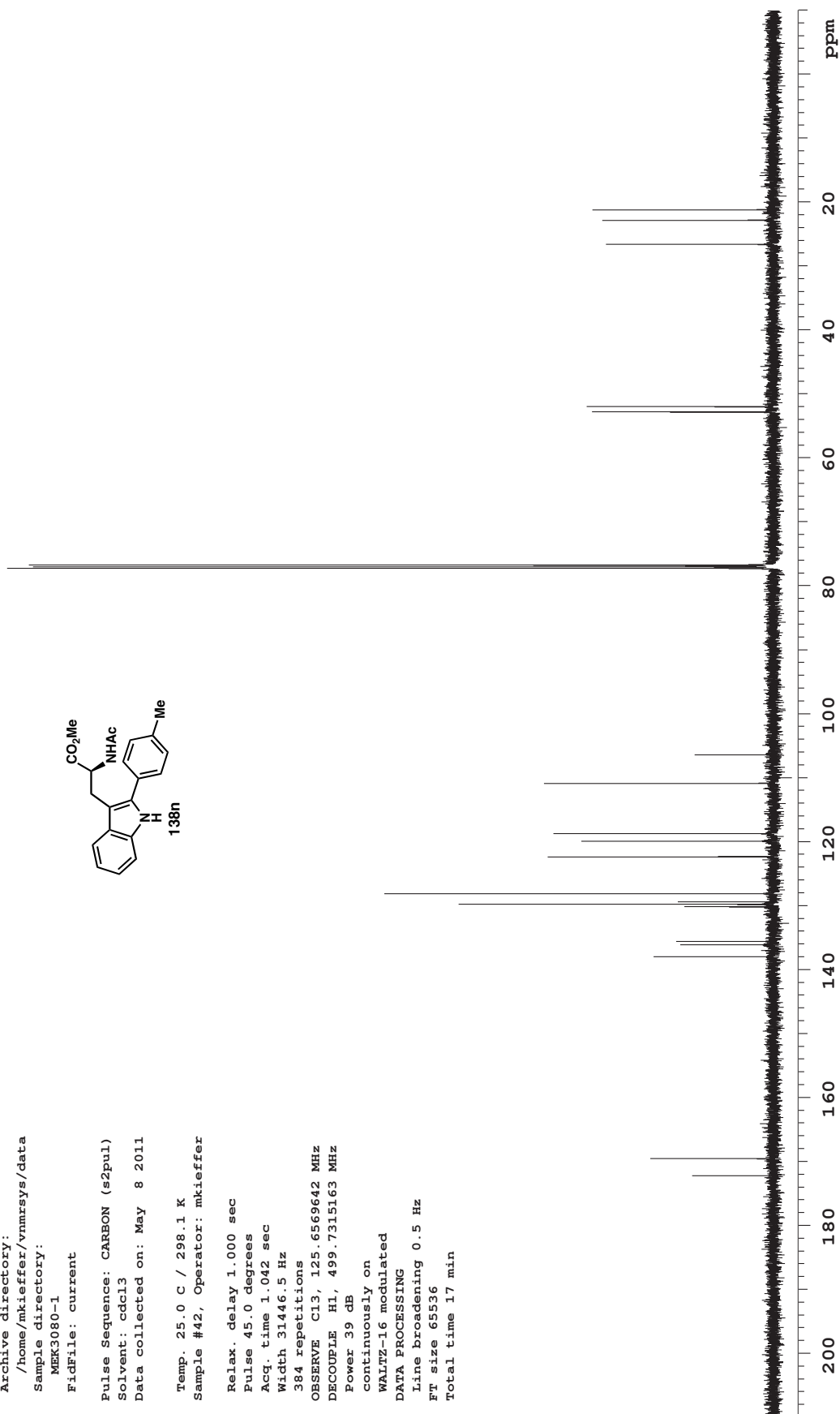
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

Ft size 65536

Total time 17 min



MEK3238-1

Sample Name:

MEK3238-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3238-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Aug 31 2011

Sample #20, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

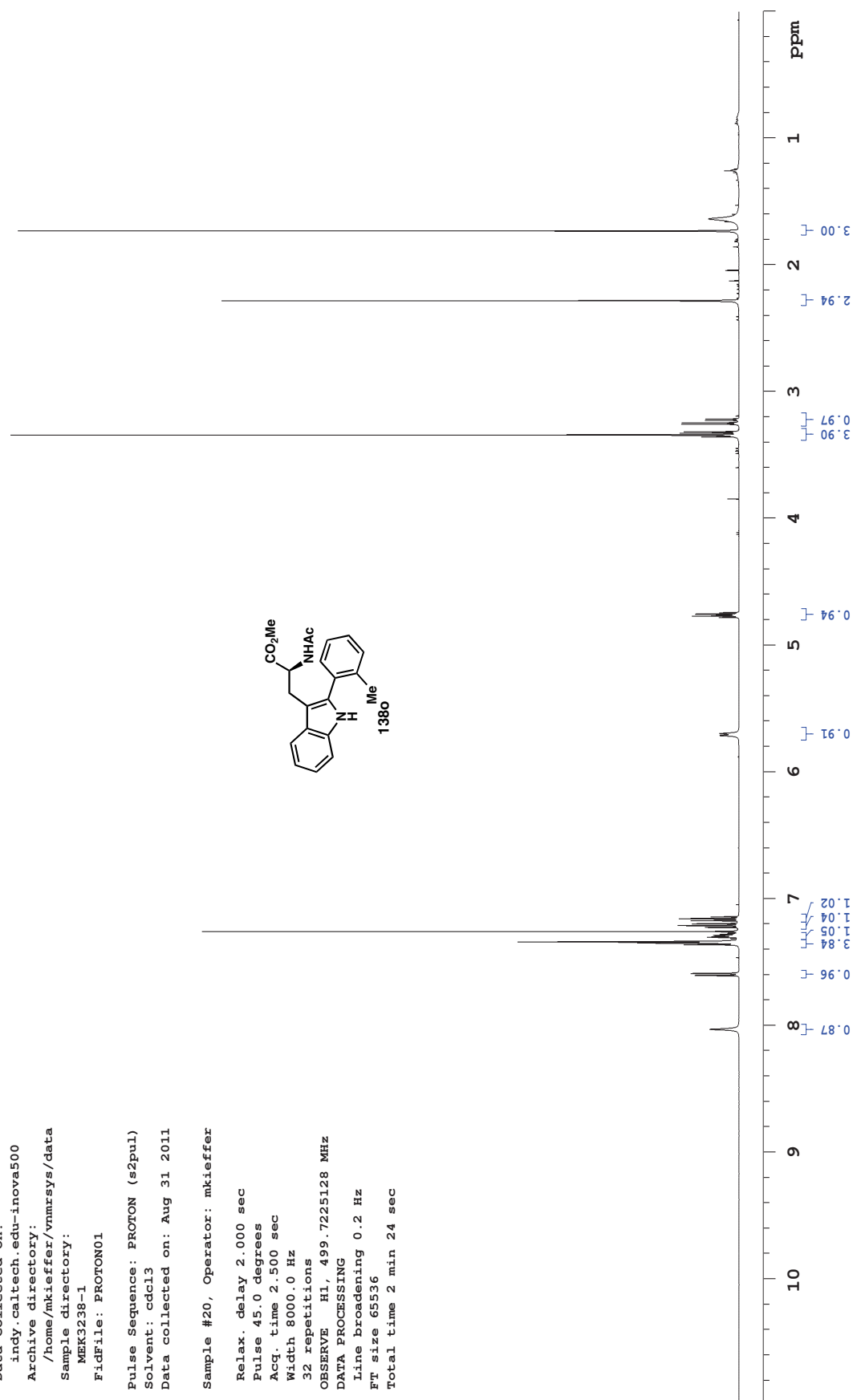
OBSERVE H1, 499.7225128 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 2 min 24 sec



MEK3238-1

Sample Name:

MEK3238-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrSYS/data

Sample directory:

MEK3238-1

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Aug 31 2011

Sample #20, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1000 repetitions

OBSERVE C13, 125.6553271 MHz

DECOUPLE H1, 499.7250019 MHz

Power 39 dB

continuously on

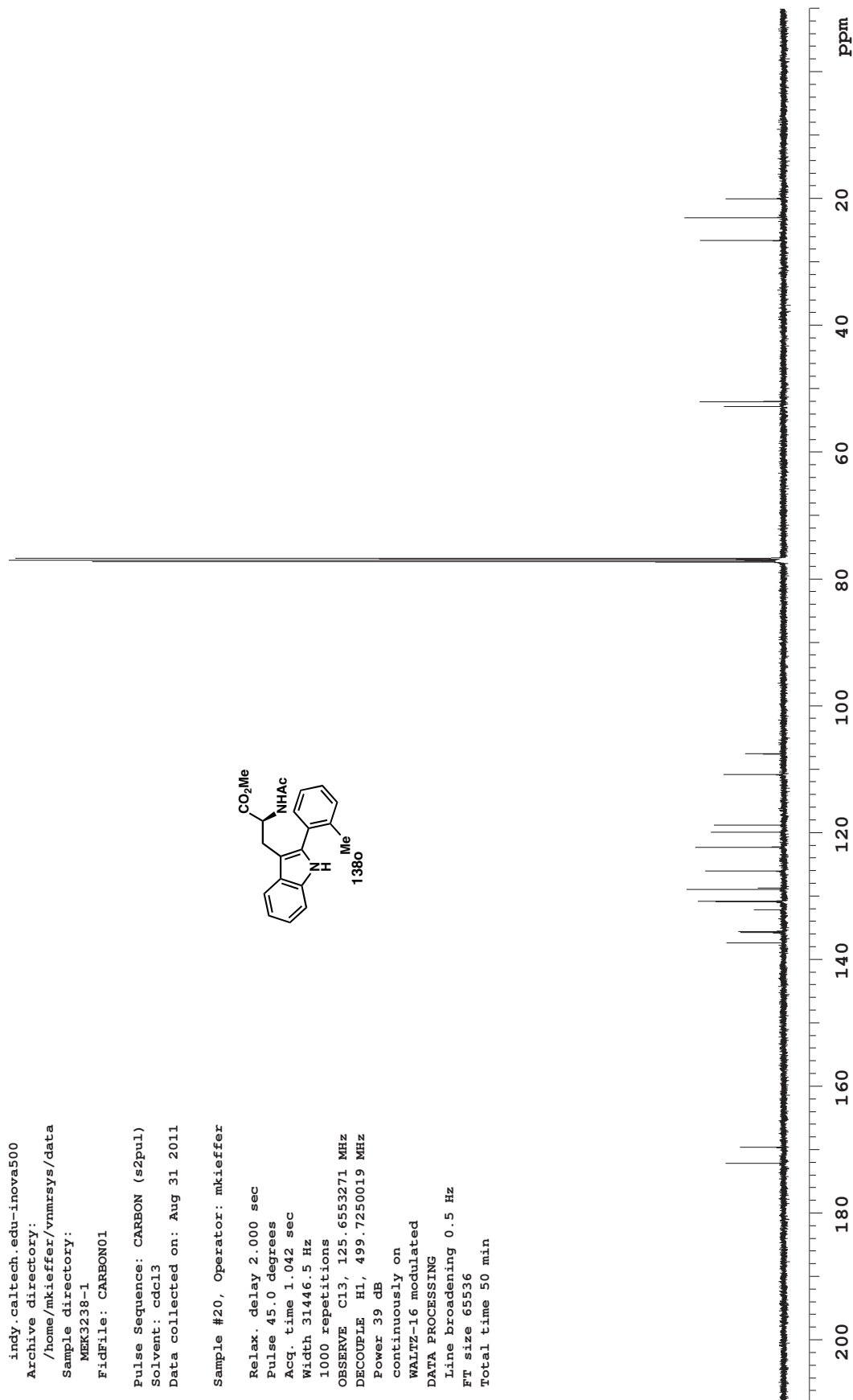
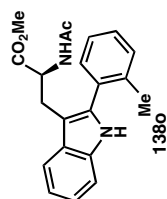
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

FT size 65536

Total time 50 min



MEK3113-1

Sample Name:

MEK3113-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3113-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: May 24 2011

Temp. 25.0 C / 298.1 K

Sample #35, Operator: mkieffer

Relax. delay 5.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

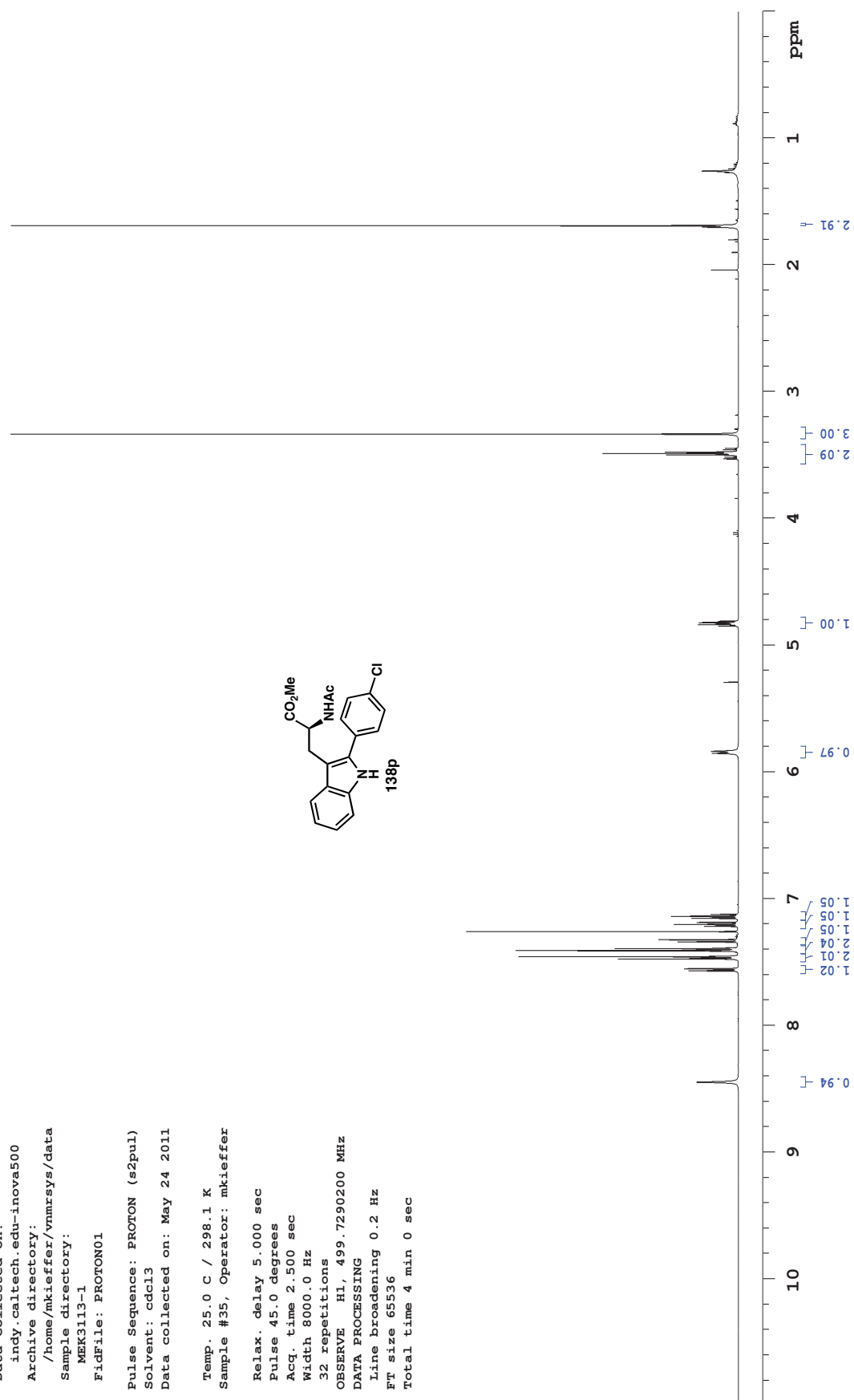
OBSERVE H1, 499.7290200 MHz

DATA PROCESSING

Line broadening 0.2 Hz

Ft size 65536

Total time 4 min 0 sec



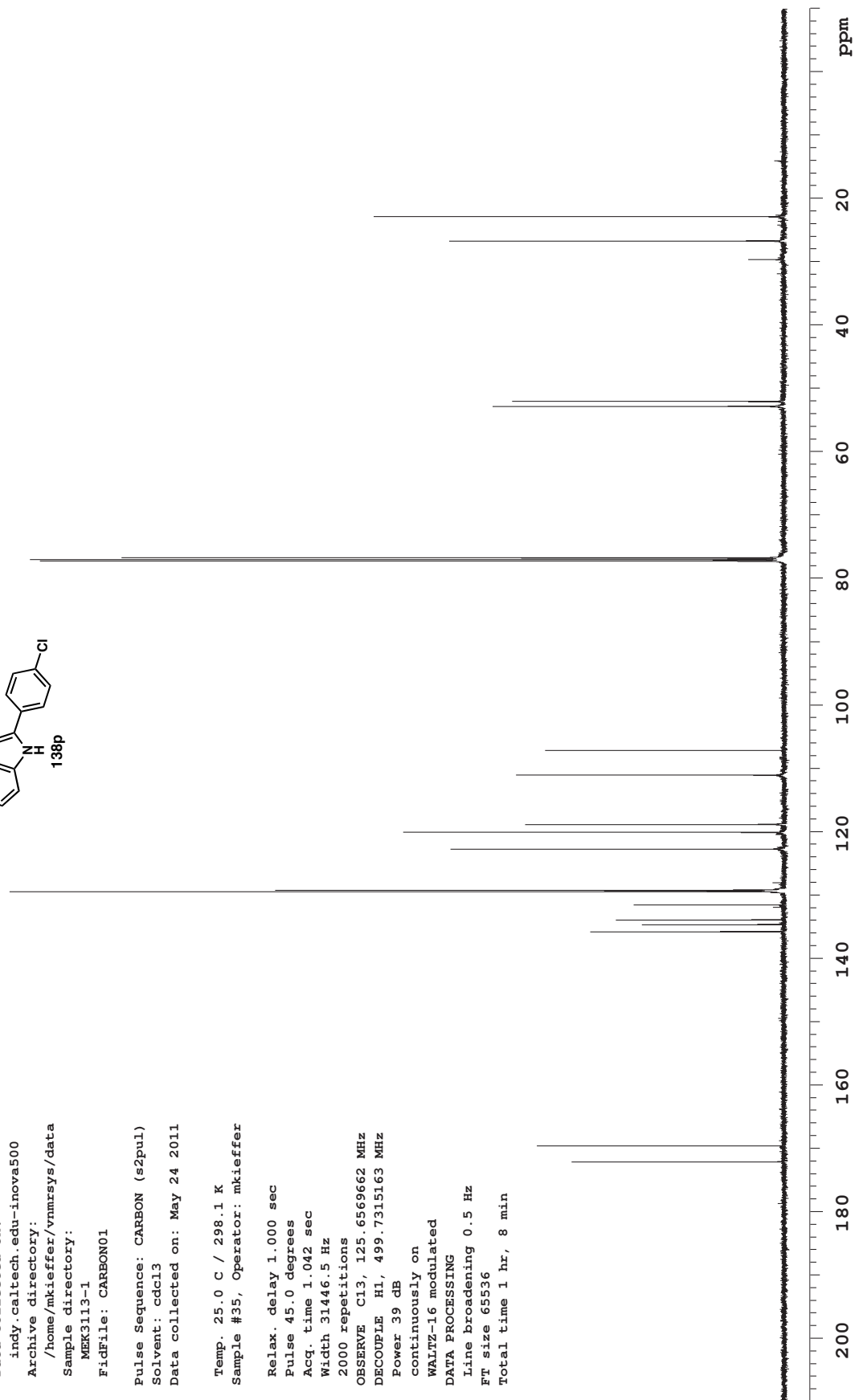
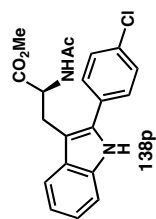
MEK3113-1

Sample Name:
MEK3113-1
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/mkieffer/vnmrsys/data
Sample directory:
MEK3113-1
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdc13
Data collected on: May 24 2011

Temp. 25.0 C / 298.1 K
Sample #35, Operator: mkieffer

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
2000 repetitions
OBSERVE C13, 125.6569662 MHz
DECOUPLE H1, 499.7315163 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
Ft size 65536
Total time 1 hr, 8 min



MEK-para-F

Sample Name:

MEK-para-F

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK-para-F

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Jun 25 2011

Sample #14, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

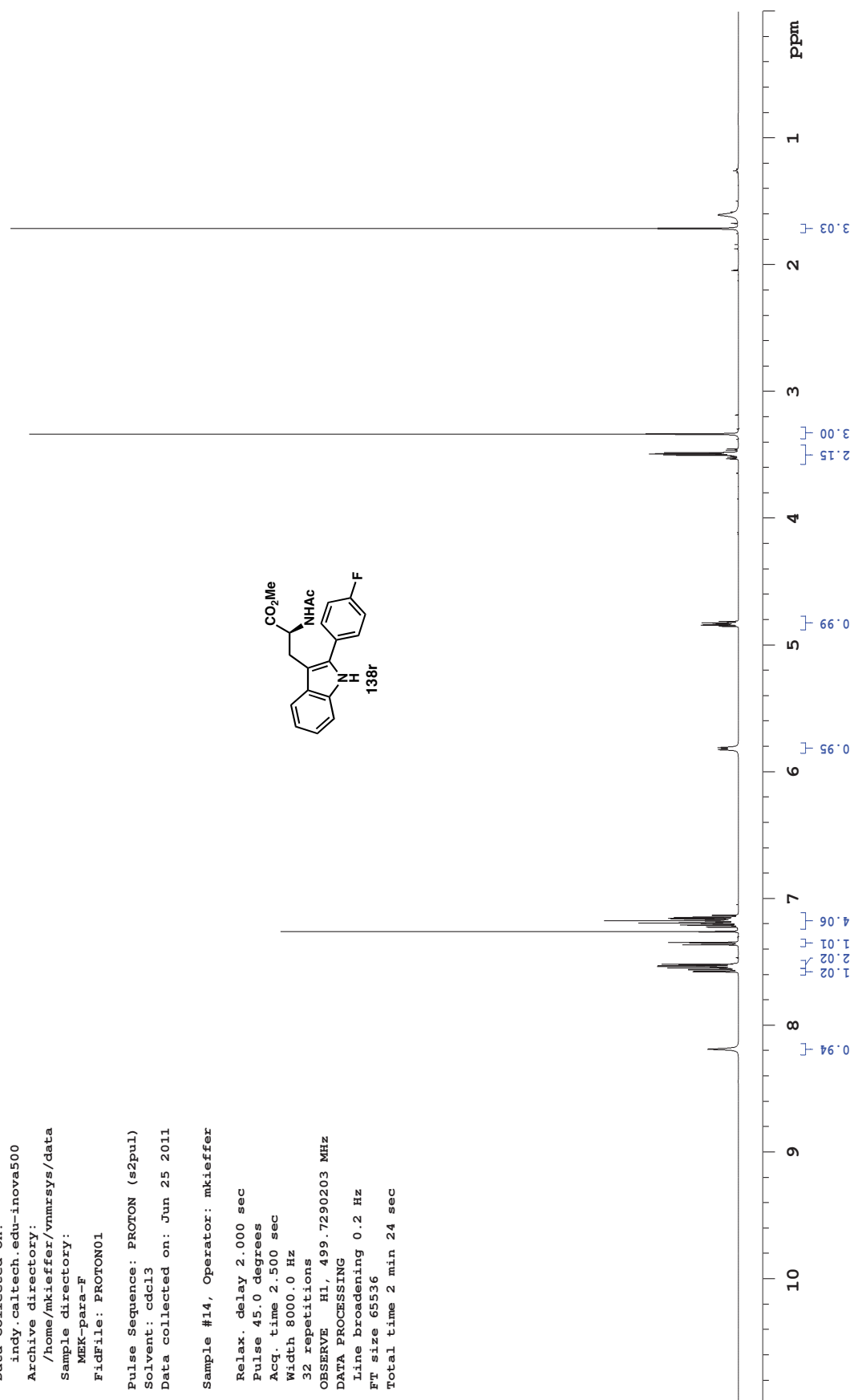
OBSERVE H1, 499.7290203 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 2 min 24 sec



MEK3086-1

Sample Name:

MEK3086-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkierfer/vnmrsys/data

Sample directory:

MEK3086-1

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdc13

Data collected on: May 10 2011

Temp. 25.0 C / 298.1 K

Sample #39, Operator: mkierfer

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

512 repetitions

OBSERVE C13, 125.6569623 MHz

DECOUPLE H1, 499.7315163 MHz

Power 39 dB

continuously on

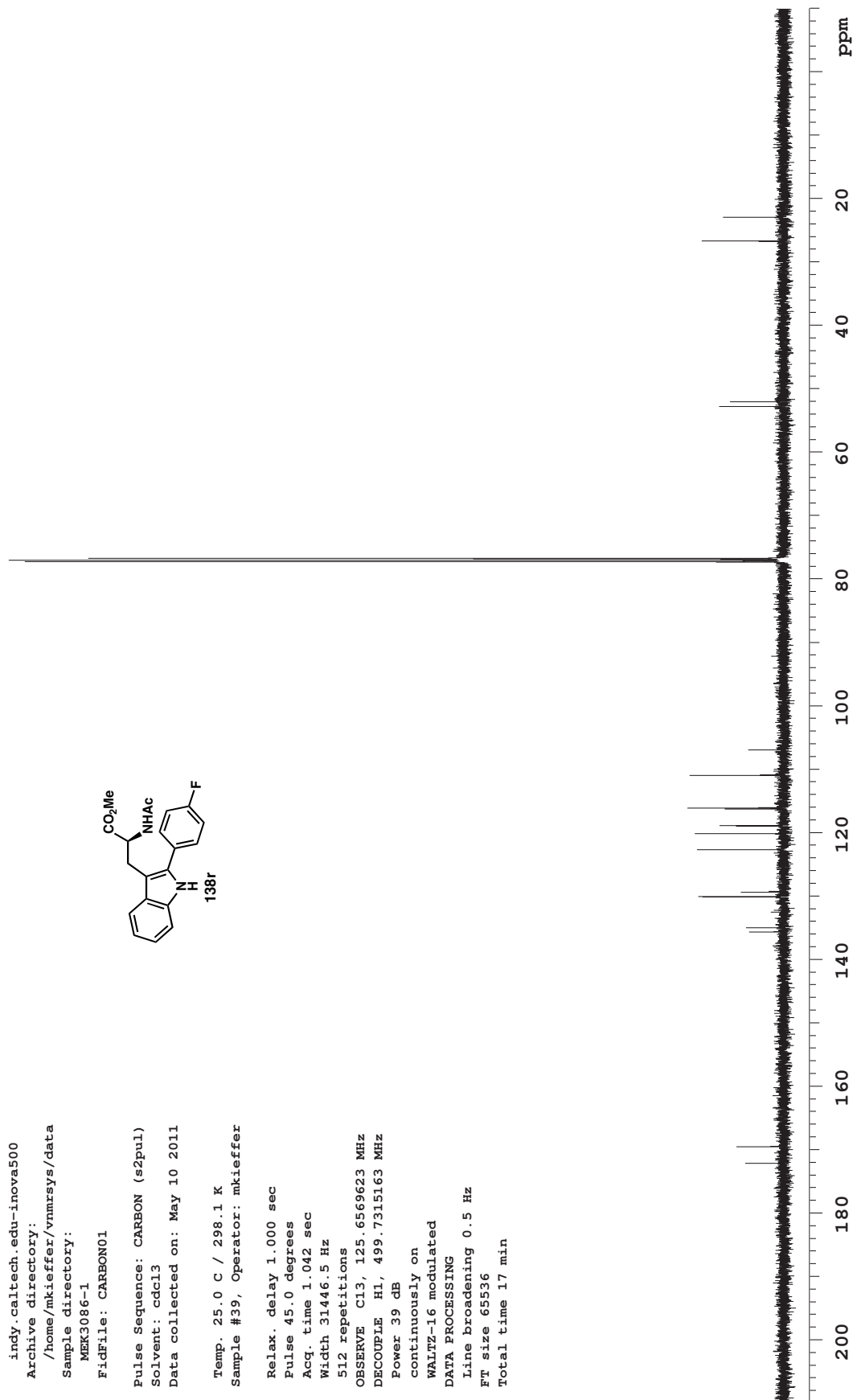
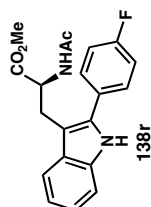
WALTZ-16 modulated

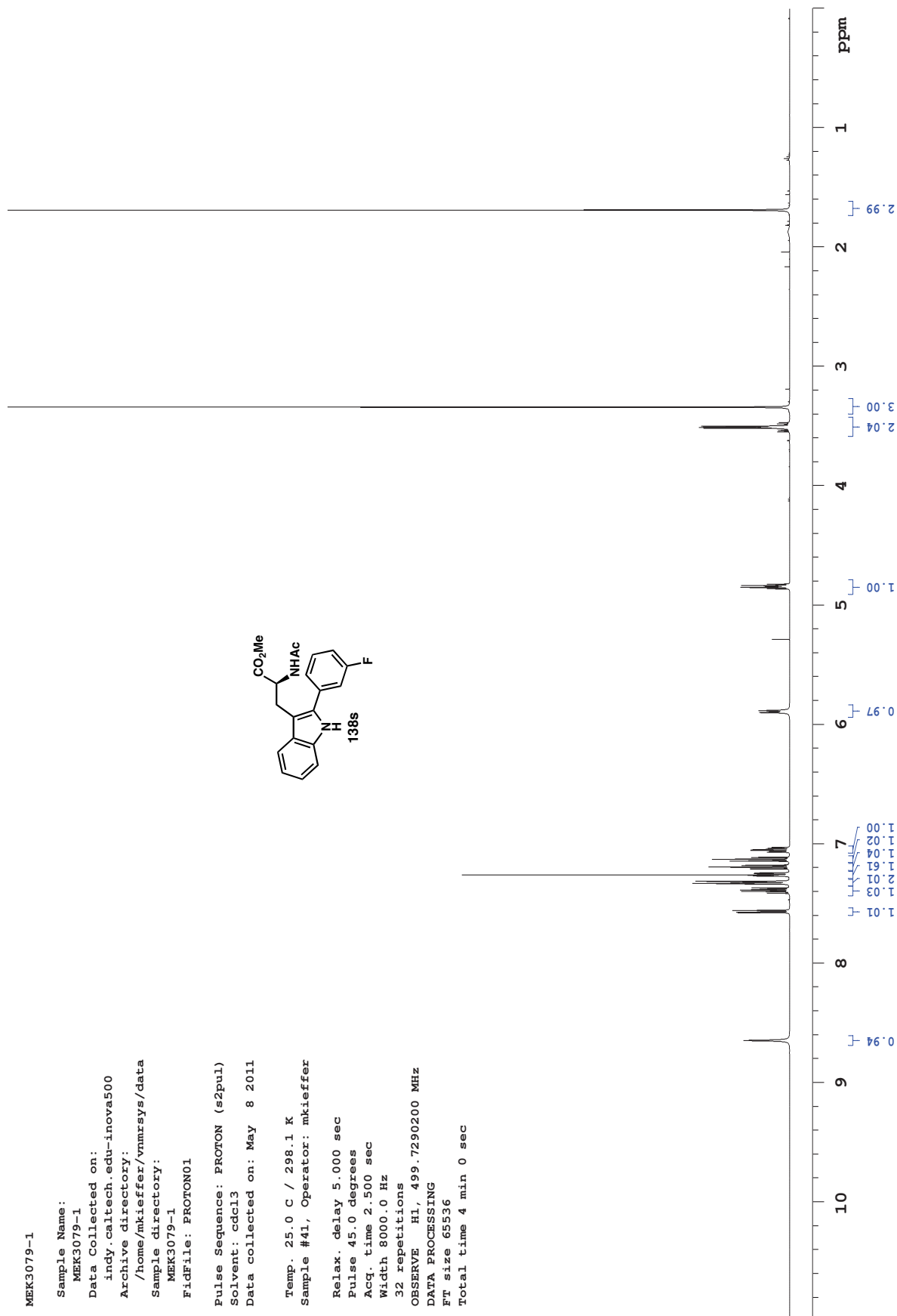
DATA PROCESSING

Line broadening 0.5 Hz

Ft size 65536

Total time 17 min





MEK3079-1

Sample Name:

MEK3079-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmr500/data

Sample directory:

MEK3079-1

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdc13

Data collected on: May 8 2011

Temp. 25.0 C / 298.1 K

Sample #41, Operator: mkieffer

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

256 repetitions

OBSERVE C13, 125.6569690 MHz

DECOUPLE H1, 499.7315163 MHz

Power 39 dB

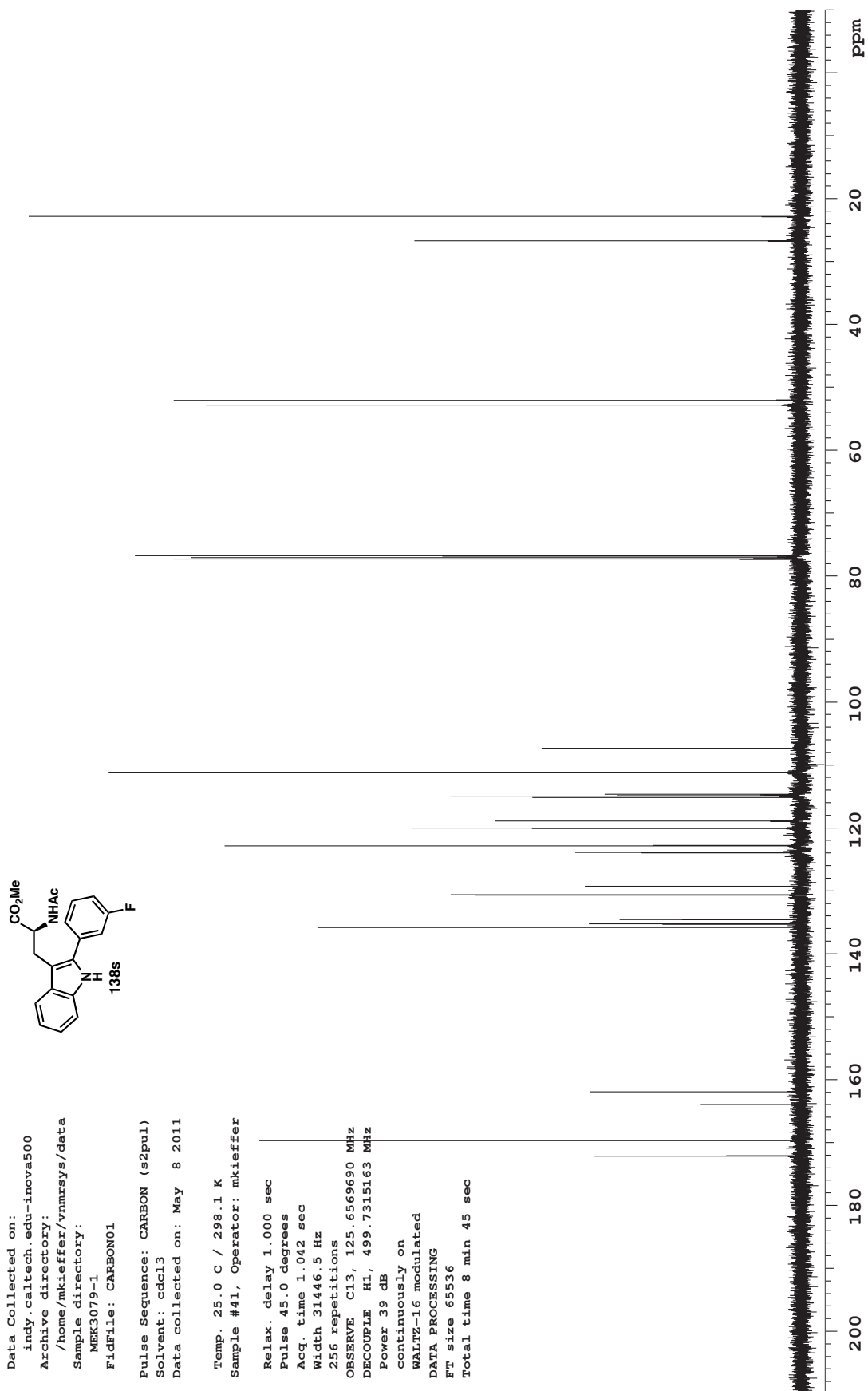
continuously on

WALTZ-16 modulated

DATA PROCESSING

FT size 65536

Total time 8 min 45 sec

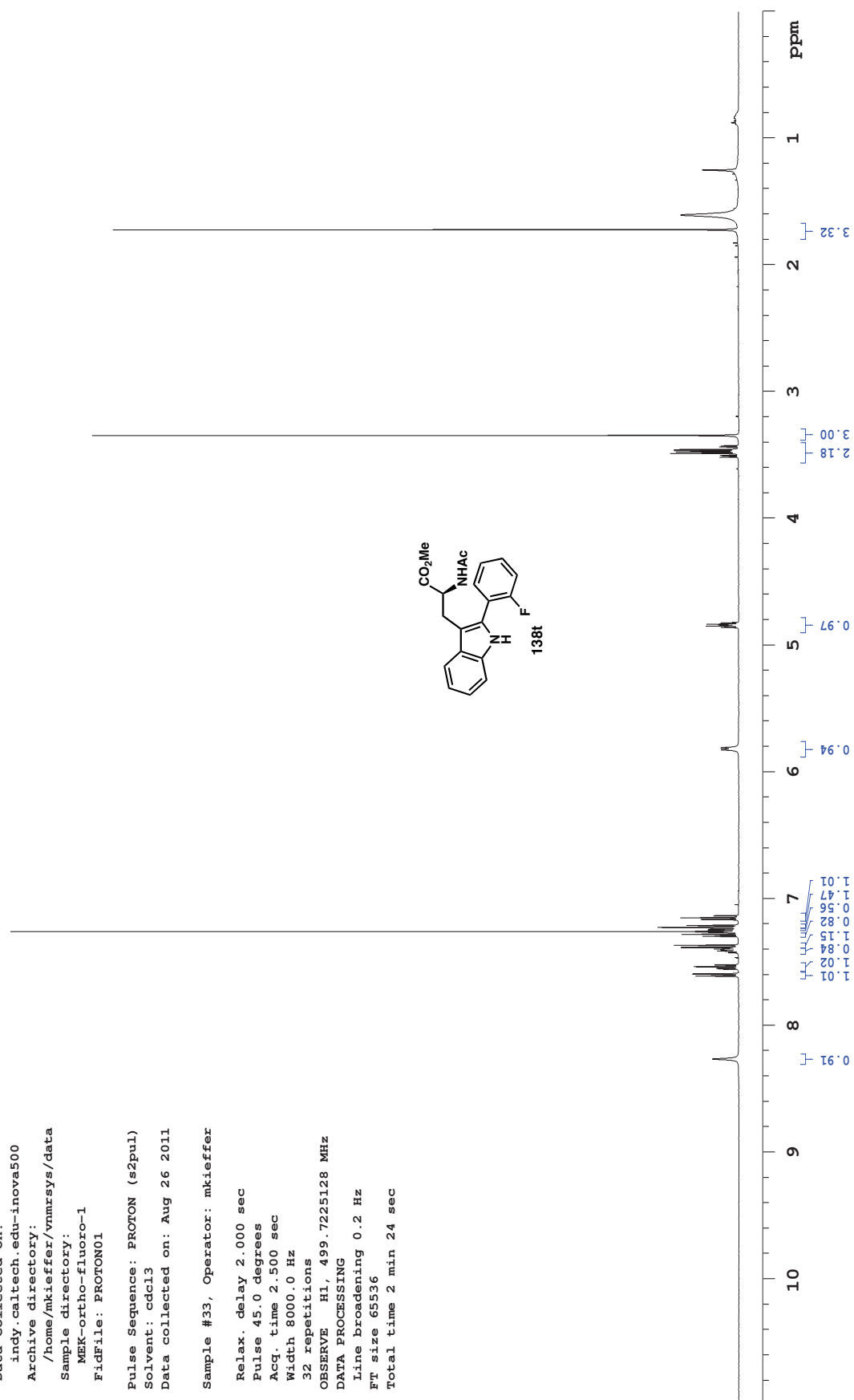


MEK-ortho-fluoro-1

Sample Name:
MEK-ortho-fluoro-1
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/mkieffer/vnmrSYS/data
Sample directory:
MEK-ortho-fluoro-1
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Aug 26 2011

Sample #33, Operator: mkieffer
Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7225128 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 2 min 24 sec



MEK3219-2

Sample Name:

MEK3219-2

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3219-2

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Aug 17 2011

Sample #7, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1000 repetitions

OBSERVE C13, 125.6553271 MHz

DECOUPLE H1, 499.7250019 MHz

Power 39 dB

continuously on

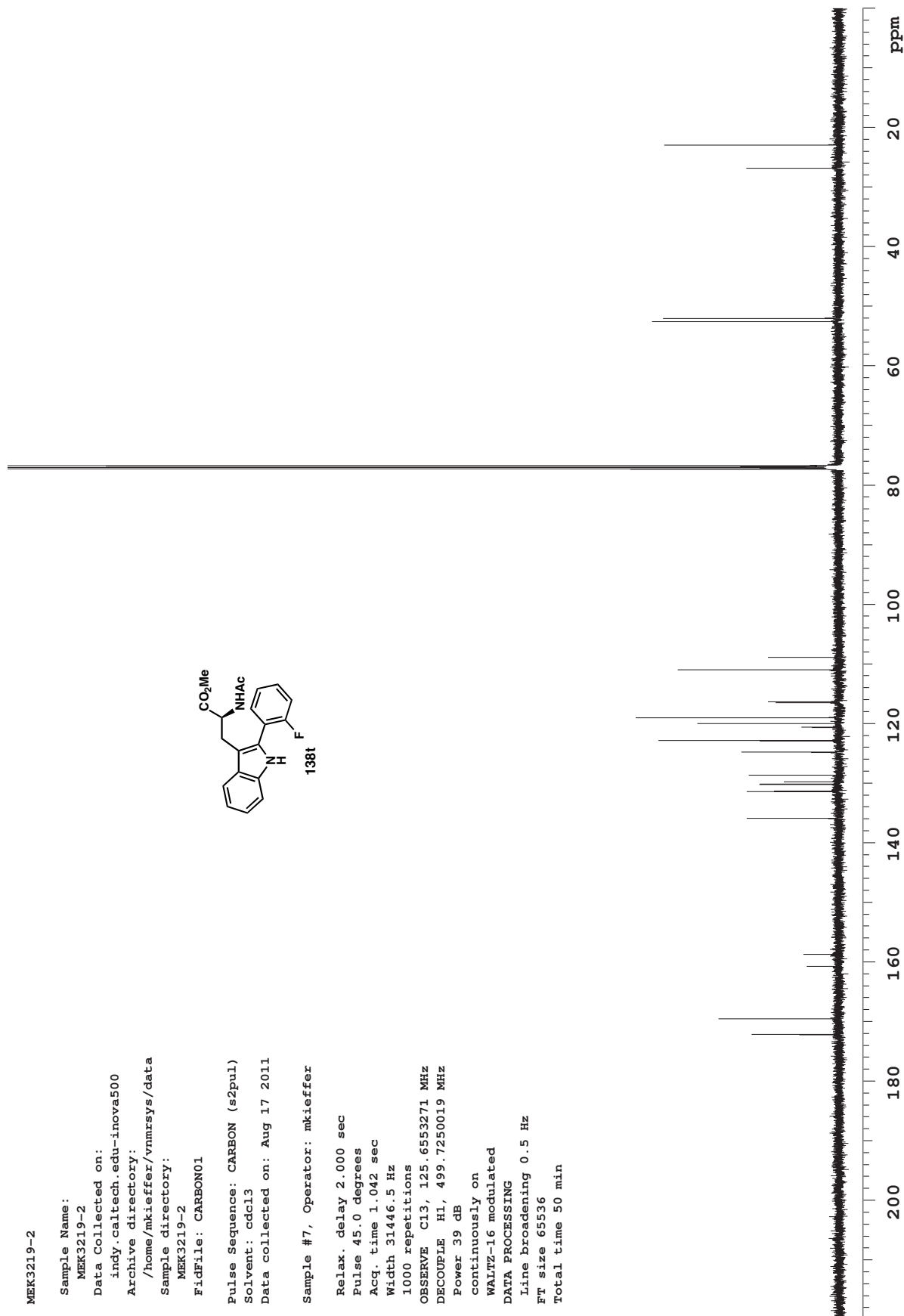
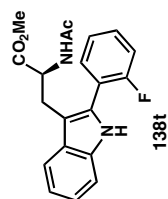
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

FT size 65536

Total time 50 min



MEK-n-OMe

Sample Name:

MEK-n-OMe

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK-n-OMe

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Jun 25 2011

Sample #16, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

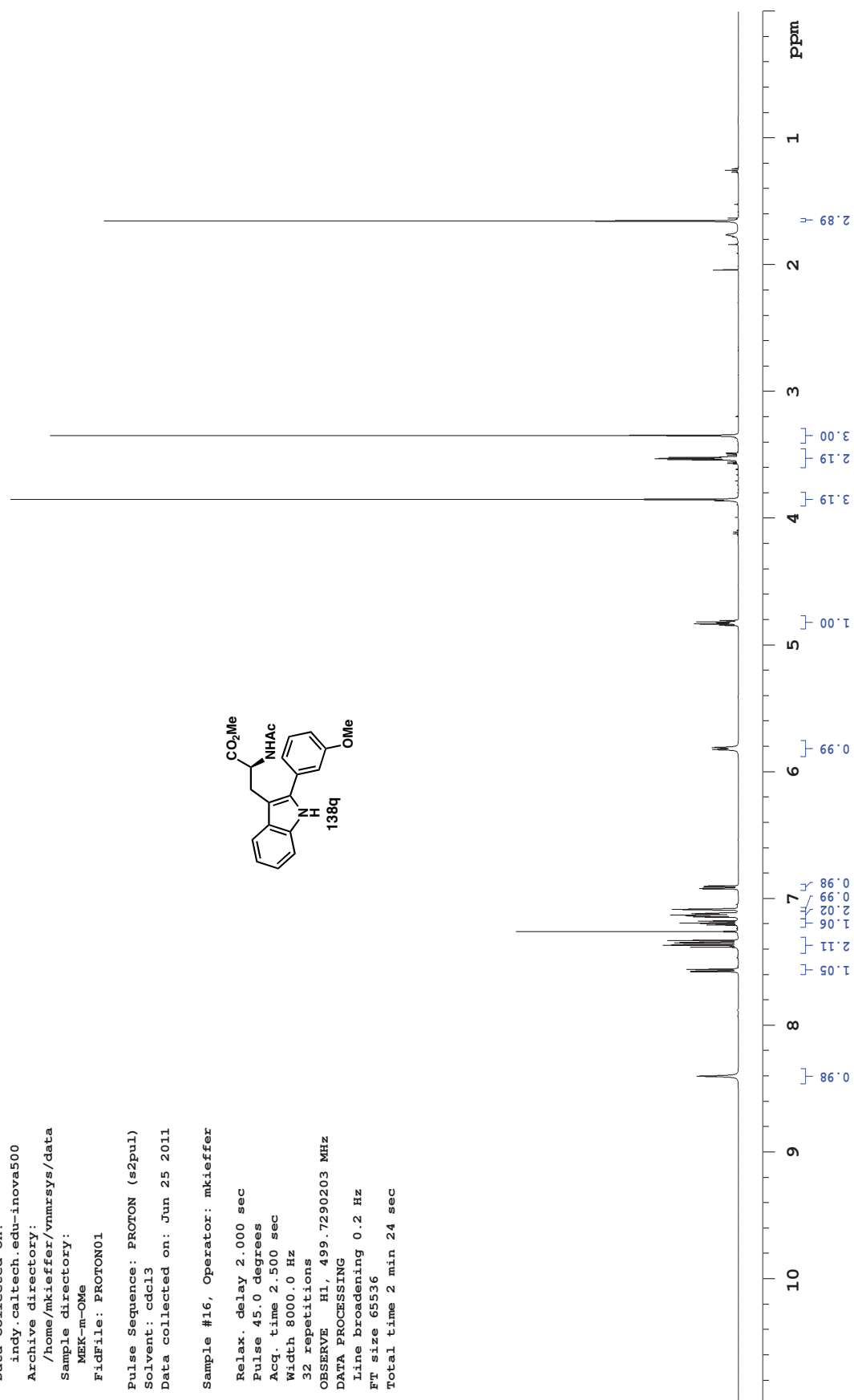
OBSERVE H1, 499.7290203 MHz

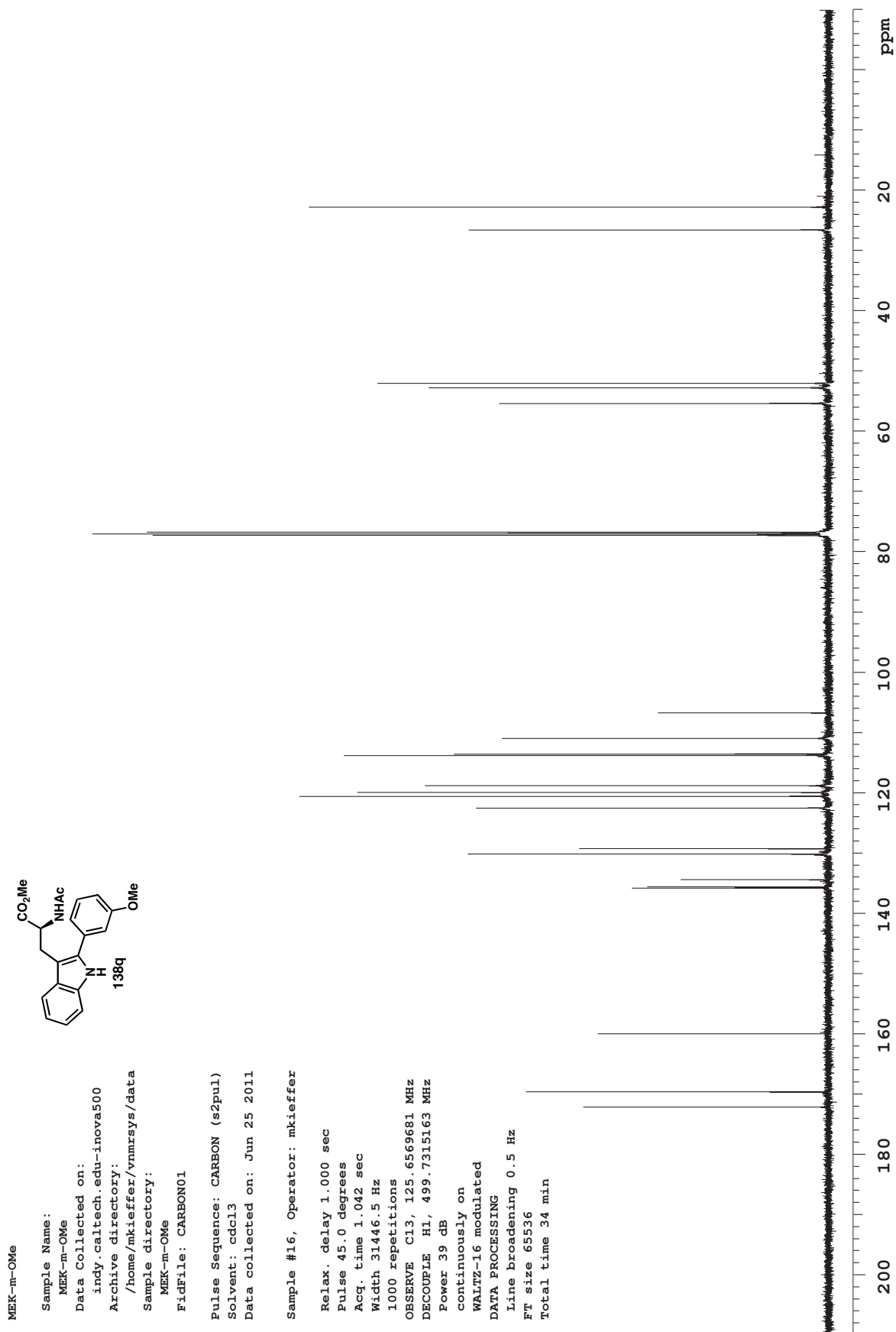
DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 2 min 24 sec





MEK3083-1

Sample Name:

MEK3083-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrSYS/data

Sample directory:

MEK3083-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: May 9 2011

Temp. 25.0 C / 298.1 K

Sample #38, Operator: mkieffer

Relax. delay 5.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

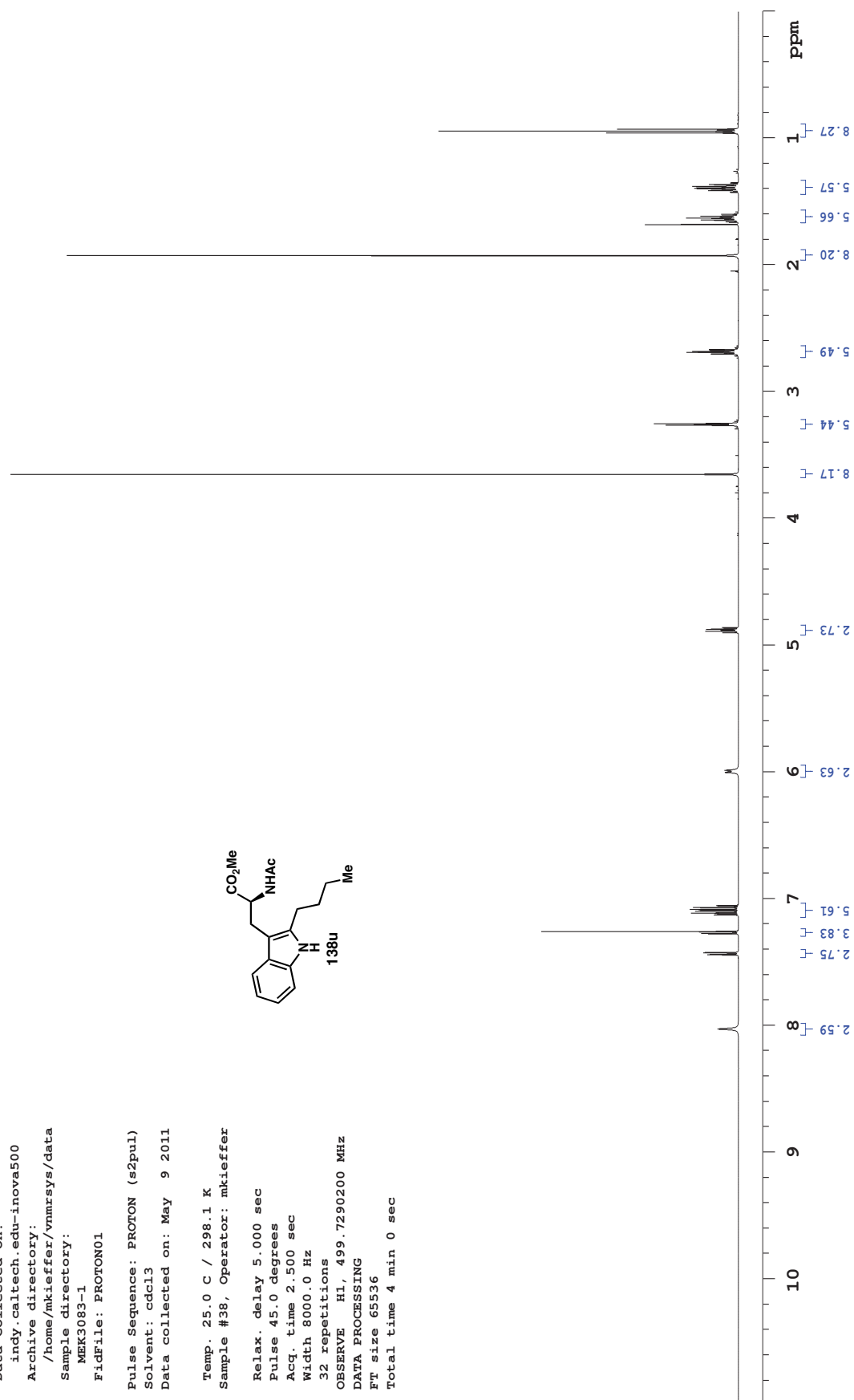
32 repetitions

OBSERVE H1, 499.7290200 MHz

DATA PROCESSING

FT size 65536

Total time 4 min 0 sec



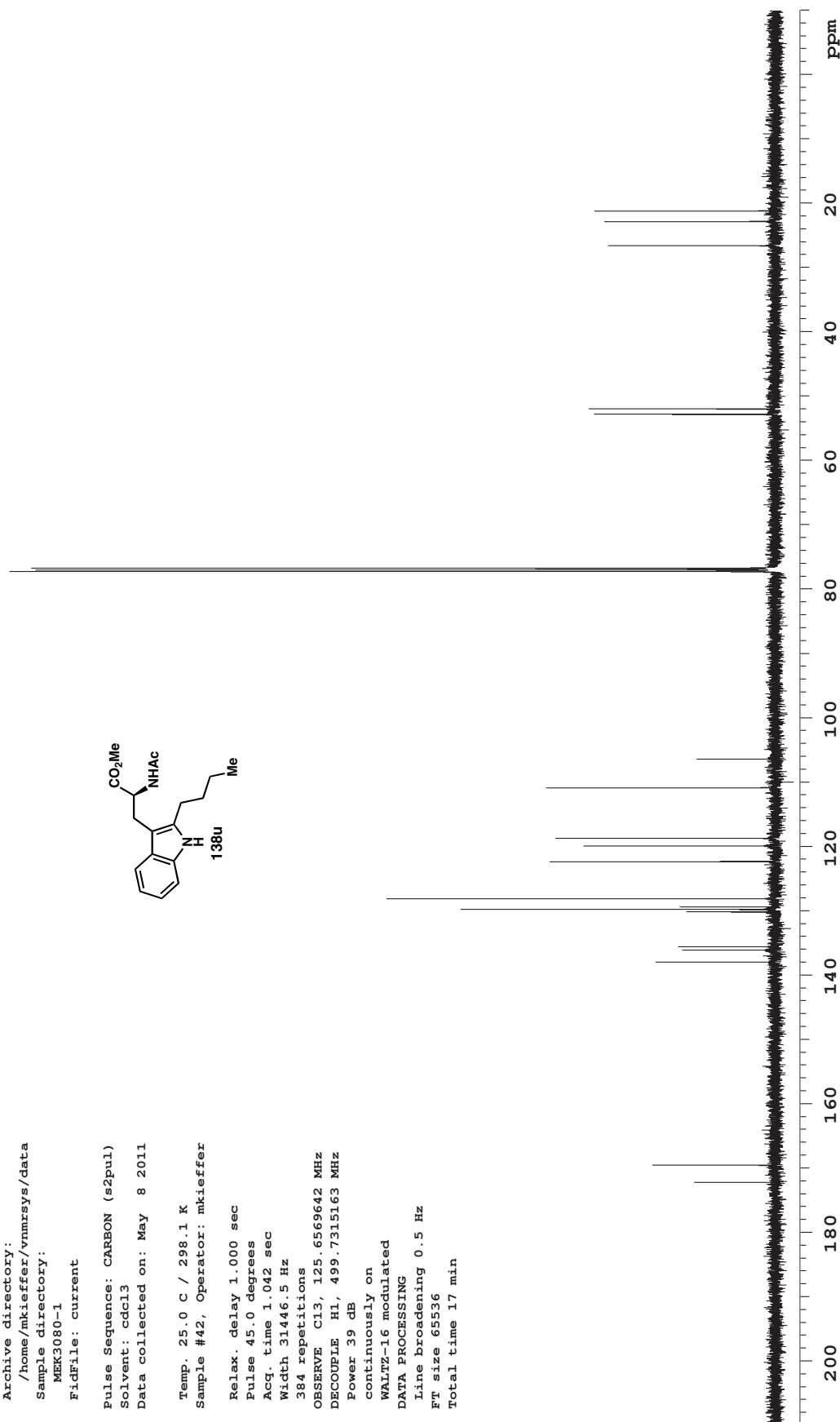
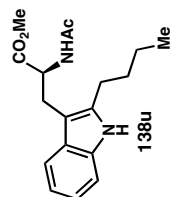
MEK3080-1

Sample Name:
MEK3080-1
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/mkieffer/vnmr/vars/data
Sample directory:
MEK3080-1
FidFile: current

Pulse Sequence: CARBON (s2pul)
Solvent: cdc13
Data collected on: May 8 2011

Temp. 25.0 C / 298.1 K
Sample #42, Operator: mkieffer

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
384 repetitions
OBSERVE C13, 125.6569642 MHz
DECOUPLE H1, 499.7315163 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 17 min



MEK3129-1

Sample Name:

MEK3129-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3129-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Jun 7 2011

Temp. 25.0 C / 298.1 K

Sample #14, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

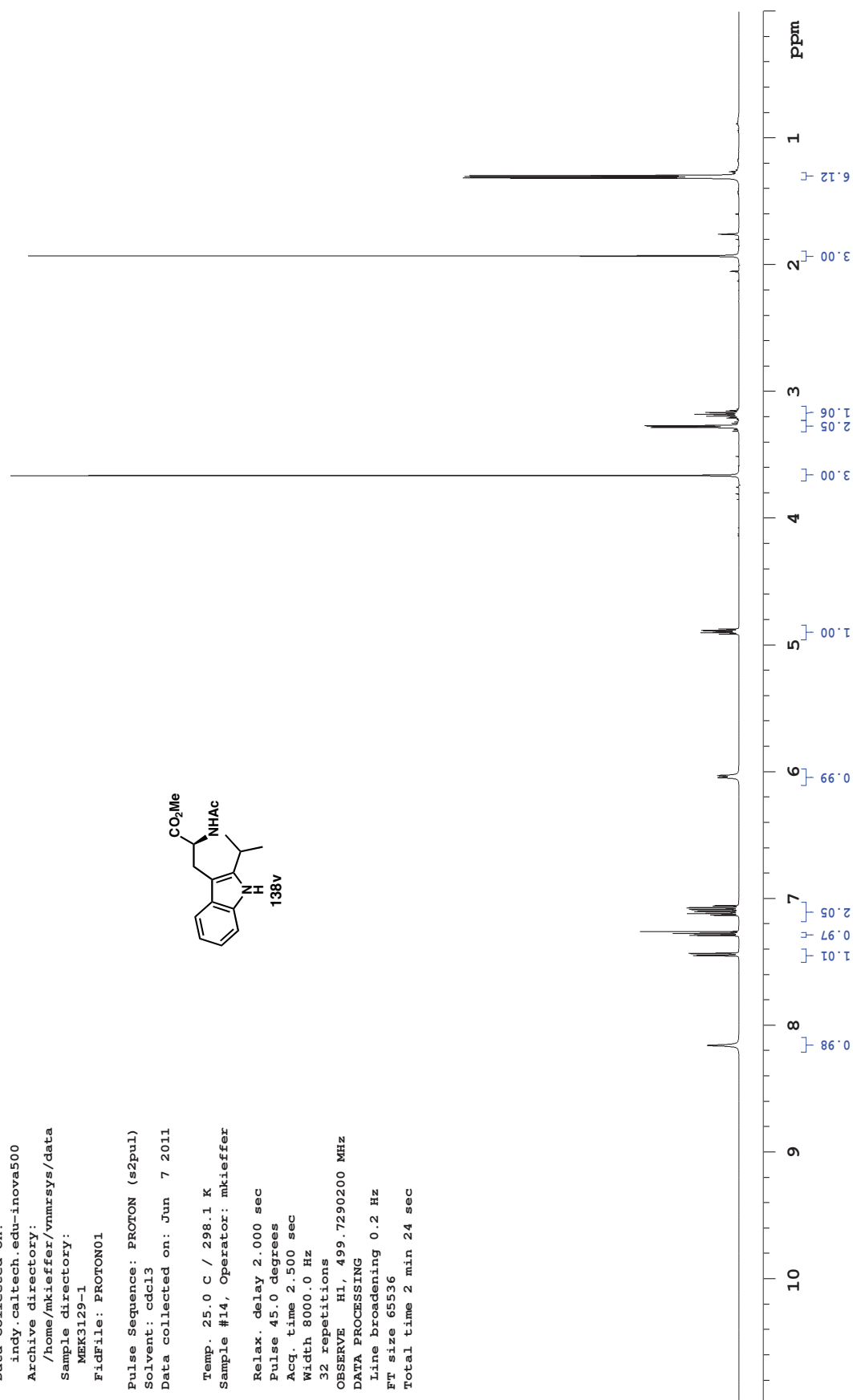
OBSERVE H1, 499.7290200 MHz

DATA PROCESSING

Line broadening 0.2 Hz

Ft size 65536

Total time 2 min 24 sec



MEK3129-1

Sample Name:

MEK3129-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3129-1

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Jun 7 2011

Temp. 25.0 C / 298.1 K

Sample #14, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

512 repetitions

OBSERVE C13, 125.6569671 MHz

DECOUPLE H1, 499.7315163 MHz

Power 39 dB

continuously on

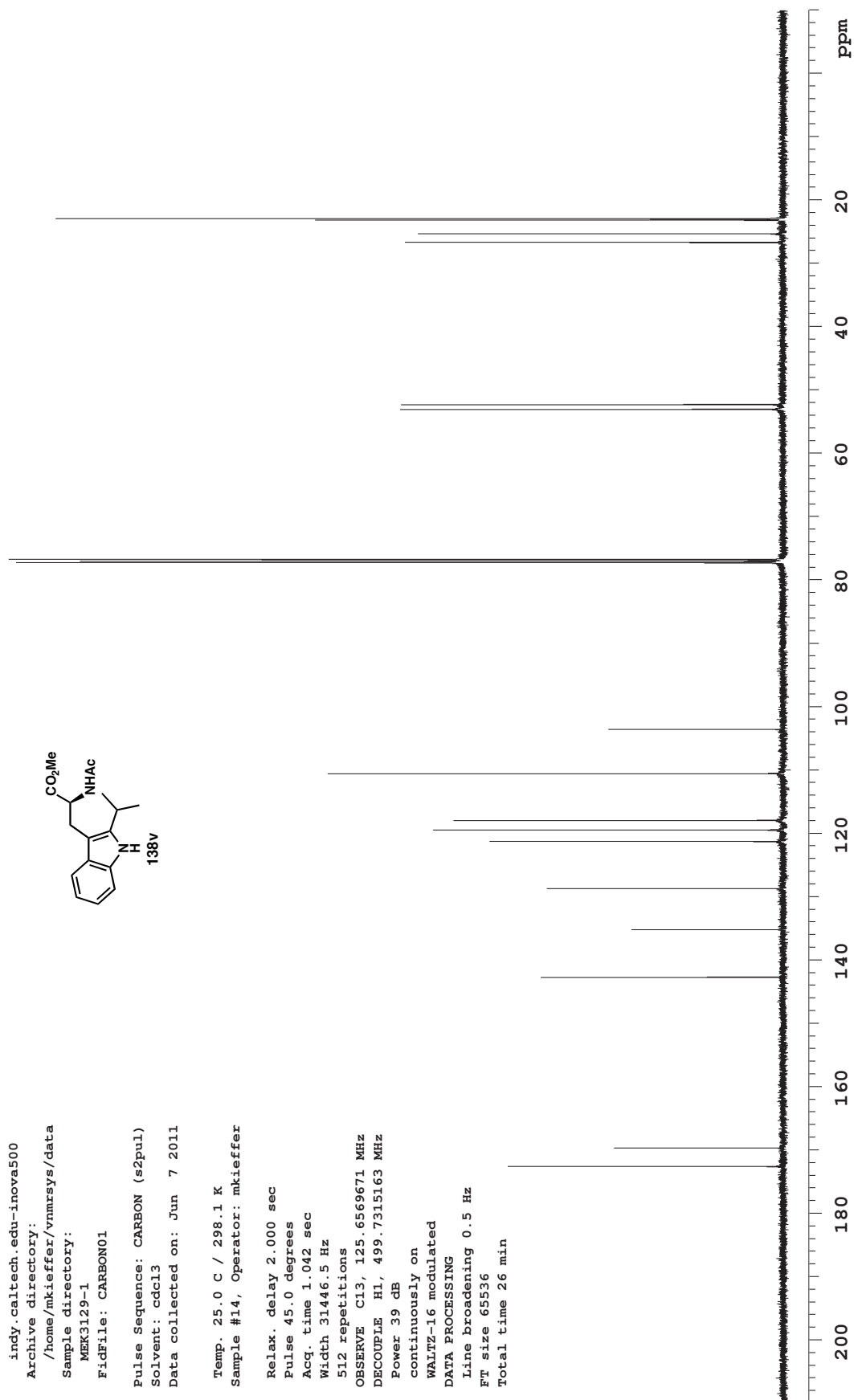
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

Ft size 65536

Total time 26 min



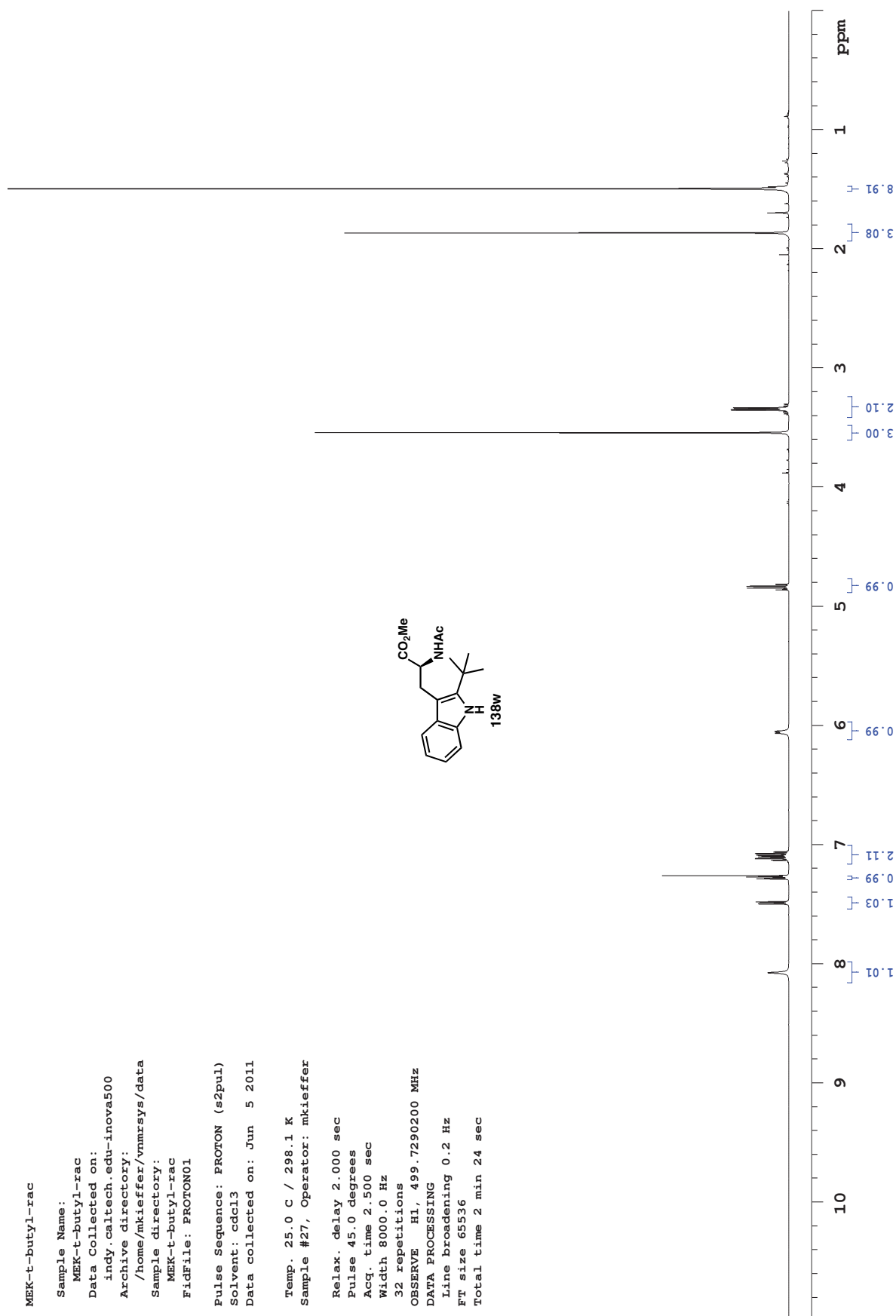
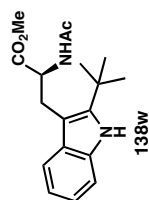
MEK-t-butyl-rac

Sample Name:
 MEK-t-butyl-rac
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/mkieffer/vnmrSYS/data
 Sample directory:
 MEK-t-butyl-rac
 FIDFile: PROTON01

Pulse Sequence: PROTON (s2pul)
 Solvent: cdcl3
 Data collected on: Jun 5 2011

Temp. 25.0 C / 298.1 K
 Sample #27, Operator: mkieffer

Relax. delay 2.000 sec
 Pulse 45.0 degrees
 Acq. time 2.500 sec
 Width 8000.0 Hz
 32 repetitions
 OBSERVE H1, 499.7290200 MHz
 DATA PROCESSING
 Line broadening 0.2 Hz
 F1 size 65536
 Total time 2 min 24 sec



MEK-t-butyl-rac

Sample Name:

MEK-t-butyl-rac

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK-t-butyl-rac

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Jun 5 2011

Temp. 25.0 C / 298.1 K

Sample #27, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1000 repetitions

OBSERVE C13, 125.6569662 MHz

DECOUPLE H1, 499.7315163 MHz

Power 39 dB

continuously on

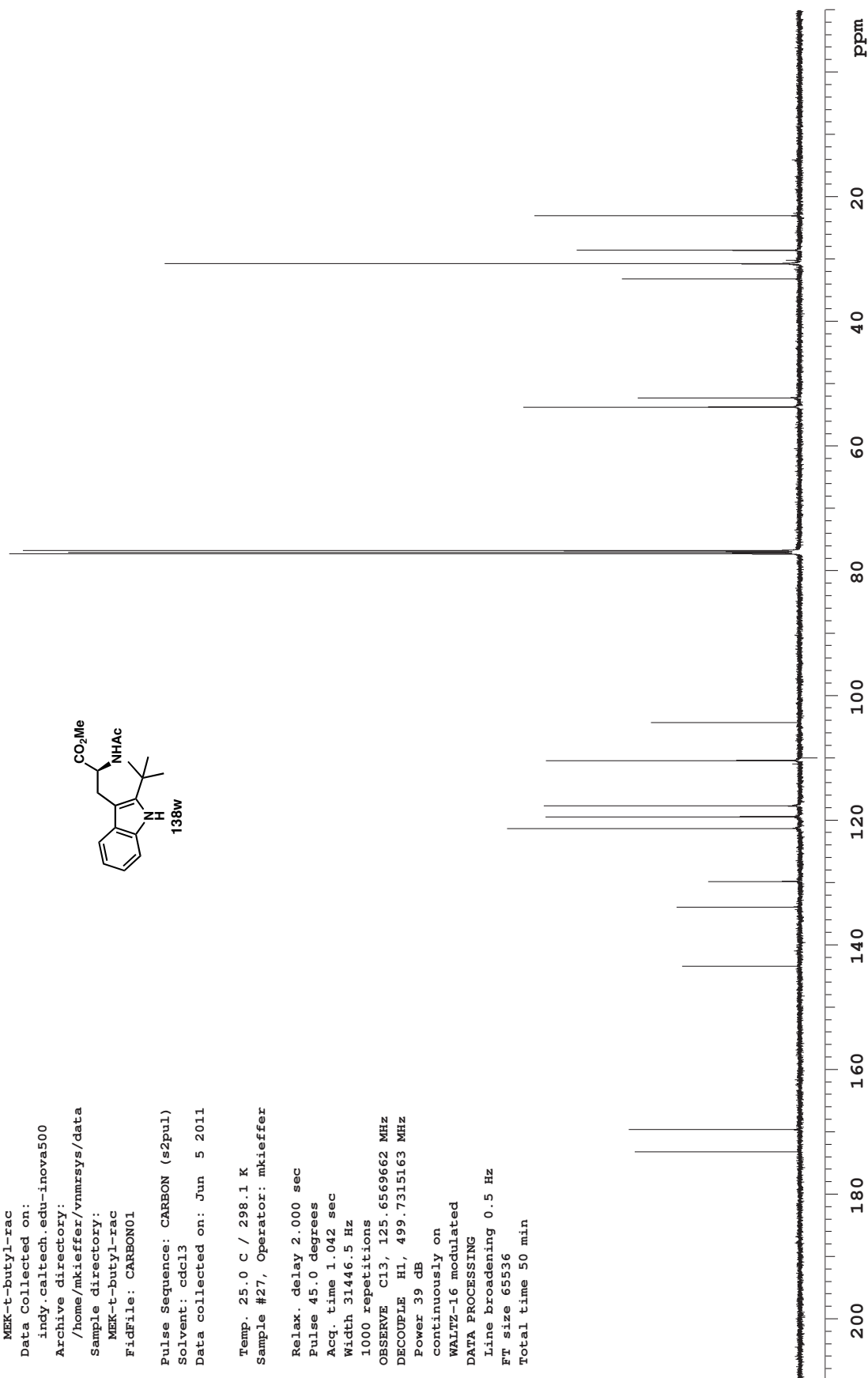
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

Ft size 65536

Total time 50 min



MEK3085-1

Sample Name:

MEK3085-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3085-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: May 10 2011

Temp. 25.0 C / 298.1 K

Sample #38, Operator: mkieffer

Relax. delay 5.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

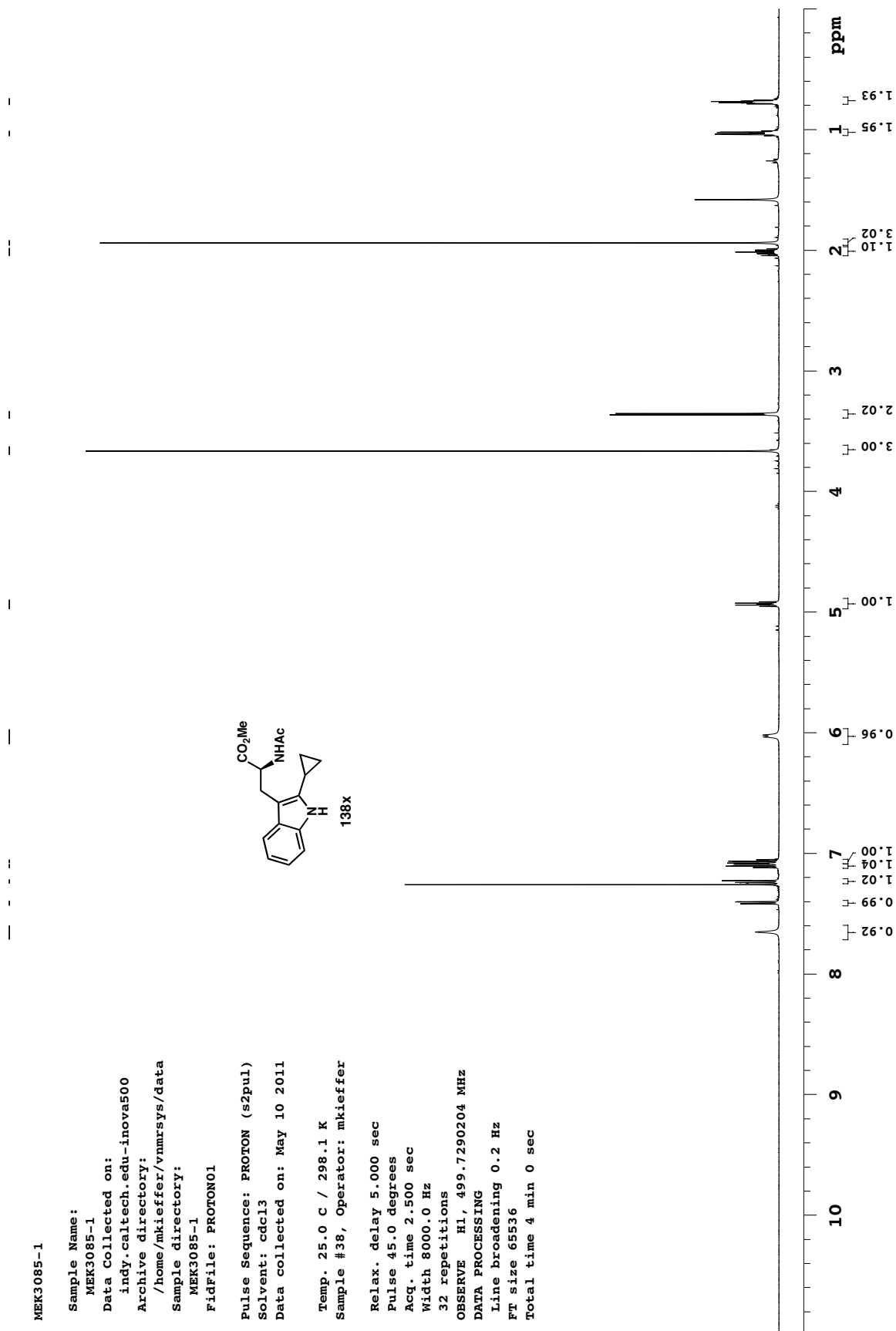
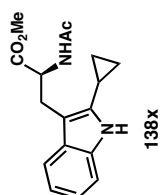
OBSERVE H1, 499.7290204 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 4 min 0 sec



MEK3085-1

Sample Name:

MEK3085-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK3085-1

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: May 11 2011

Temp. 25.0 C / 298.1 K

Sample #38, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

5000 repetitions

OBSERVE C13, 125.6569616 MHz

DECOUPLE H1, 499.7315163 MHz

Power 39 dB

continuously on

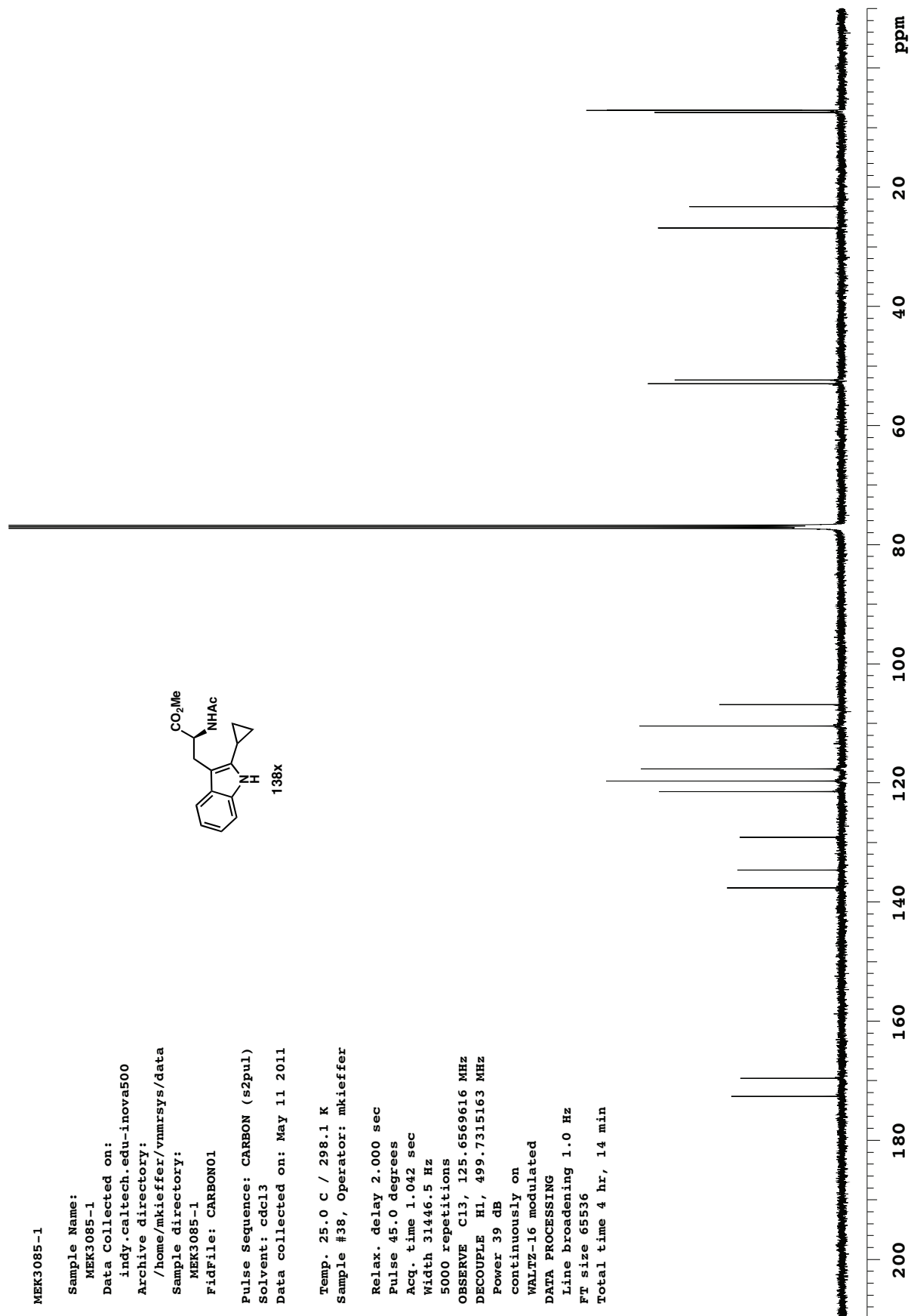
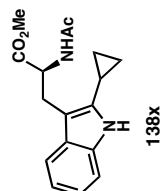
WALTZ-16 modulated

DATA PROCESSING

Line broadening 1.0 Hz

FT size 65536

Total time 4 hr, 14 min



MEK-phthalimide

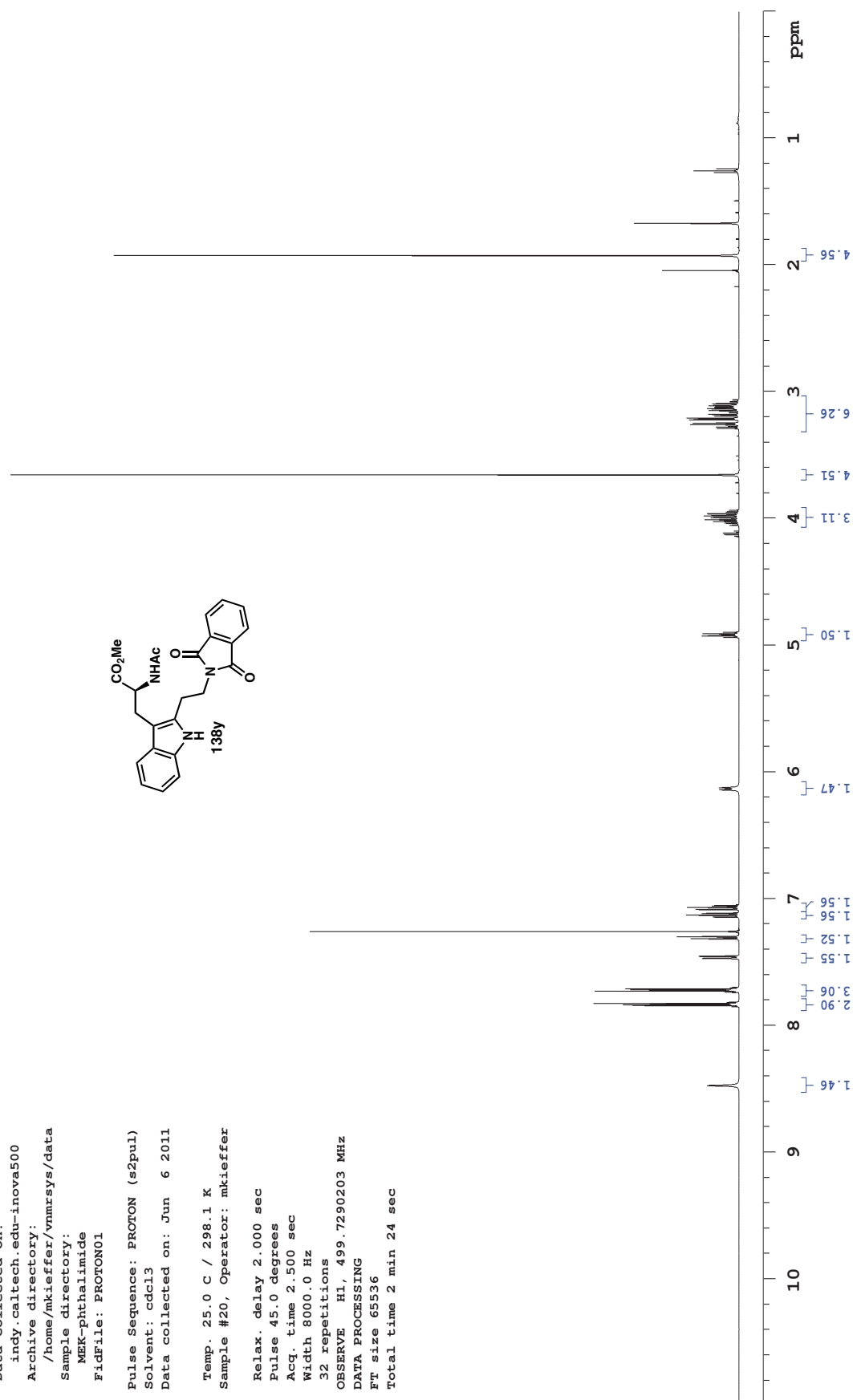
Sample Name:
MEK-phthalimide
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/mkieffer/vnmrSYS/data
Sample directory:
MEK-phthalimide
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdc13
Data collected on: Jun 6 2011

Temp. 25.0 C / 298.1 K
Sample #20, Operator: mkieffer

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions

OBSERVE H1, 499.7290203 MHz
DATA PROCESSING
FT size 65536
Total time 2 min 24 sec



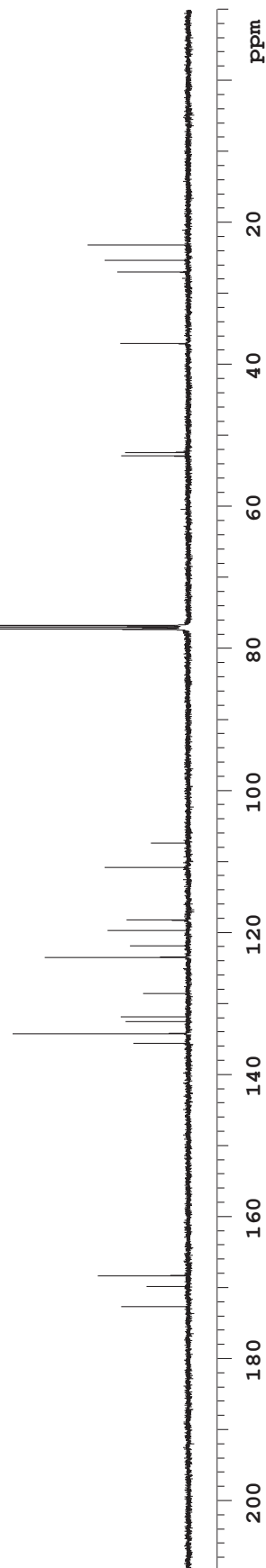
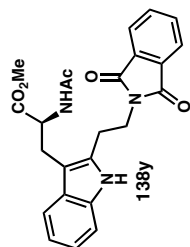
MEK-phthalimide

Sample Name:
MEK-phthalimide
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/mkierfer/vnmrsys/data
Sample directory:
MEK-phthalimide
FidFile: CARBON01

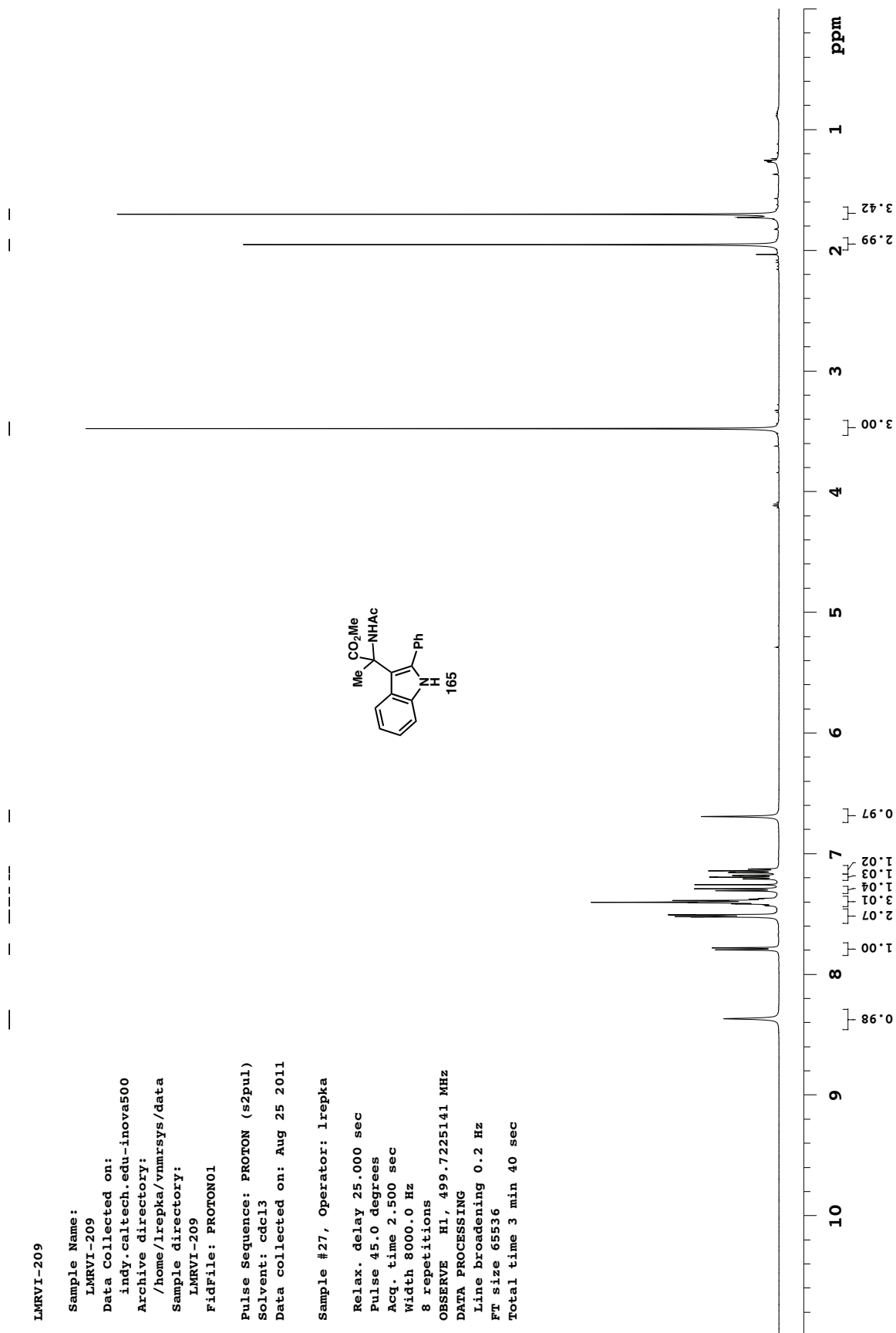
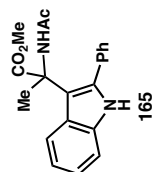
Pulse Sequence: CARBON (s2pul)
Solvent: cdc13
Data collected on: Jun 6 2011

Temp. 25.0 C / 298.1 K
Sample #20, Operator: mkierfer

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1000 repetitions
OBSERVE C13, 125.6569633 MHz
DECOUPLE H1, 499.7315163 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
Ft size 65536
Total time 50 min



Total time 3 min 40 sec



LMRVI-209

Sample Name:

LMRVI-209

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrsys/data

Sample directory:

LMRVI-209

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Aug 25 2011

Sample #27, Operator: lrepka

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1500 repetitions

OBSERVE C13, 125.6553311 MHz

DECOUPLE H1, 499.7250019 MHz

Power 39 dB

continuously on

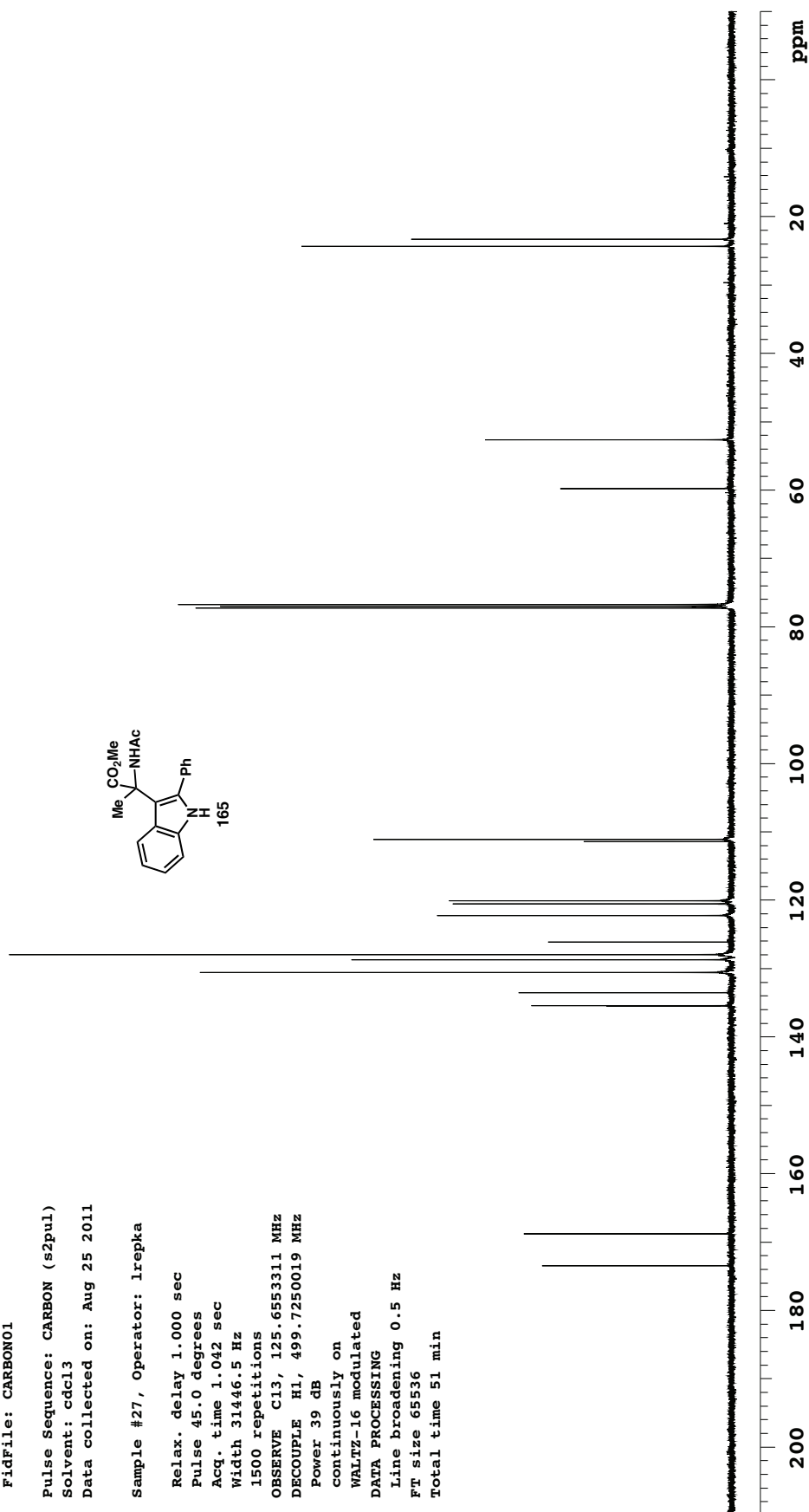
WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

Ft size 65536

Total time 51 min



MEK2306-1

Sample Name:

MEK2306-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrsys/data

Sample directory:

MEK2306-1

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Aug 4 2011

Sample #14, Operator: mkieffer

Relax. delay 2.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

32 repetitions

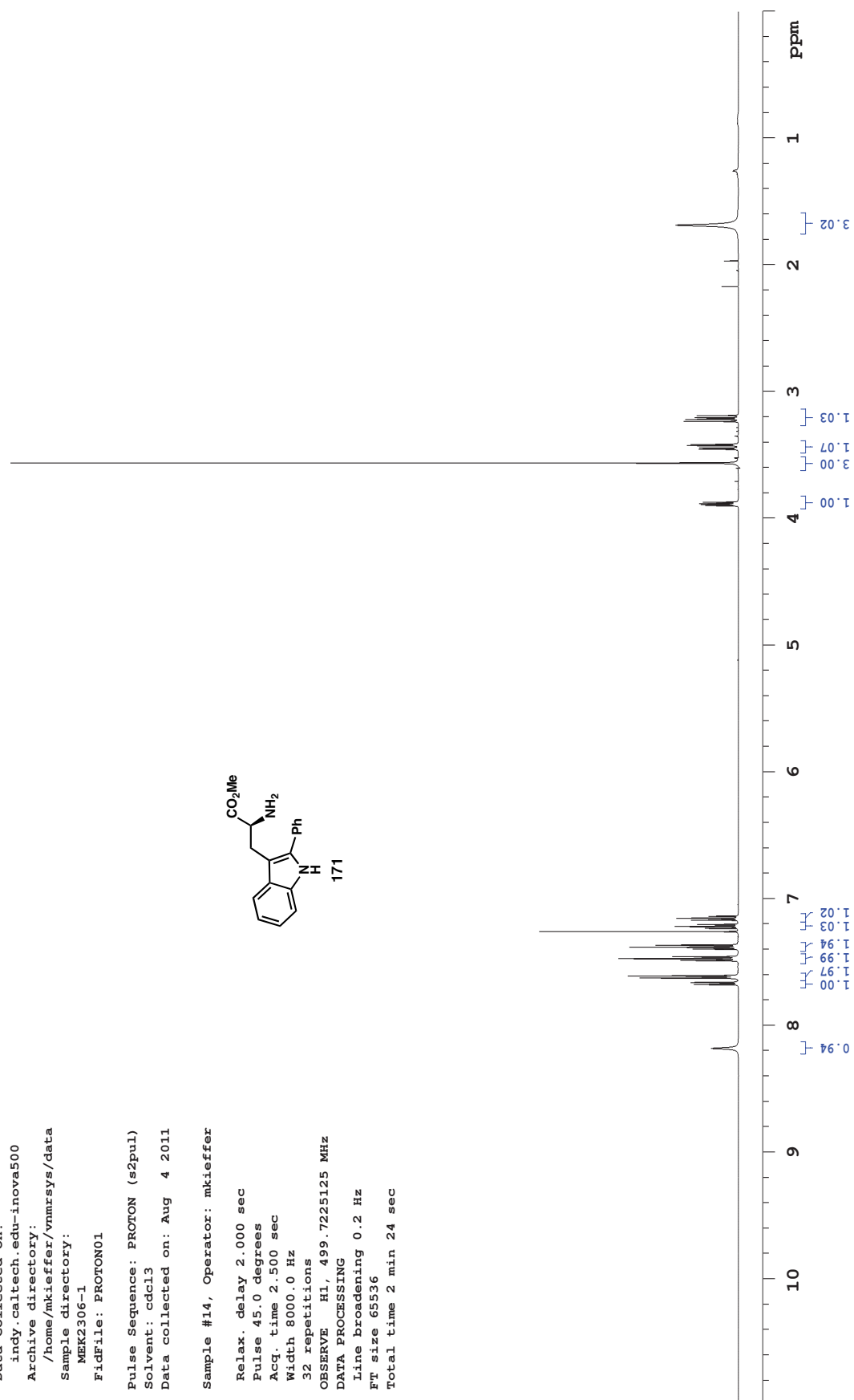
OBSERVE H1, 499.7225125 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 2 min 24 sec



MEK3206-1

Sample Name:

MEK3206-1

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/mkieffer/vnmrSYS/data

Sample directory:

MEK3206-1

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdcl3

Data collected on: Aug 4 2011

Sample #14, Operator: mkieffer

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1000 repetitions

OBSERVE C13, 125.6553281 MHz

DECOUPLE H1, 499.7250019 MHz

Power 39 dB

continuously on

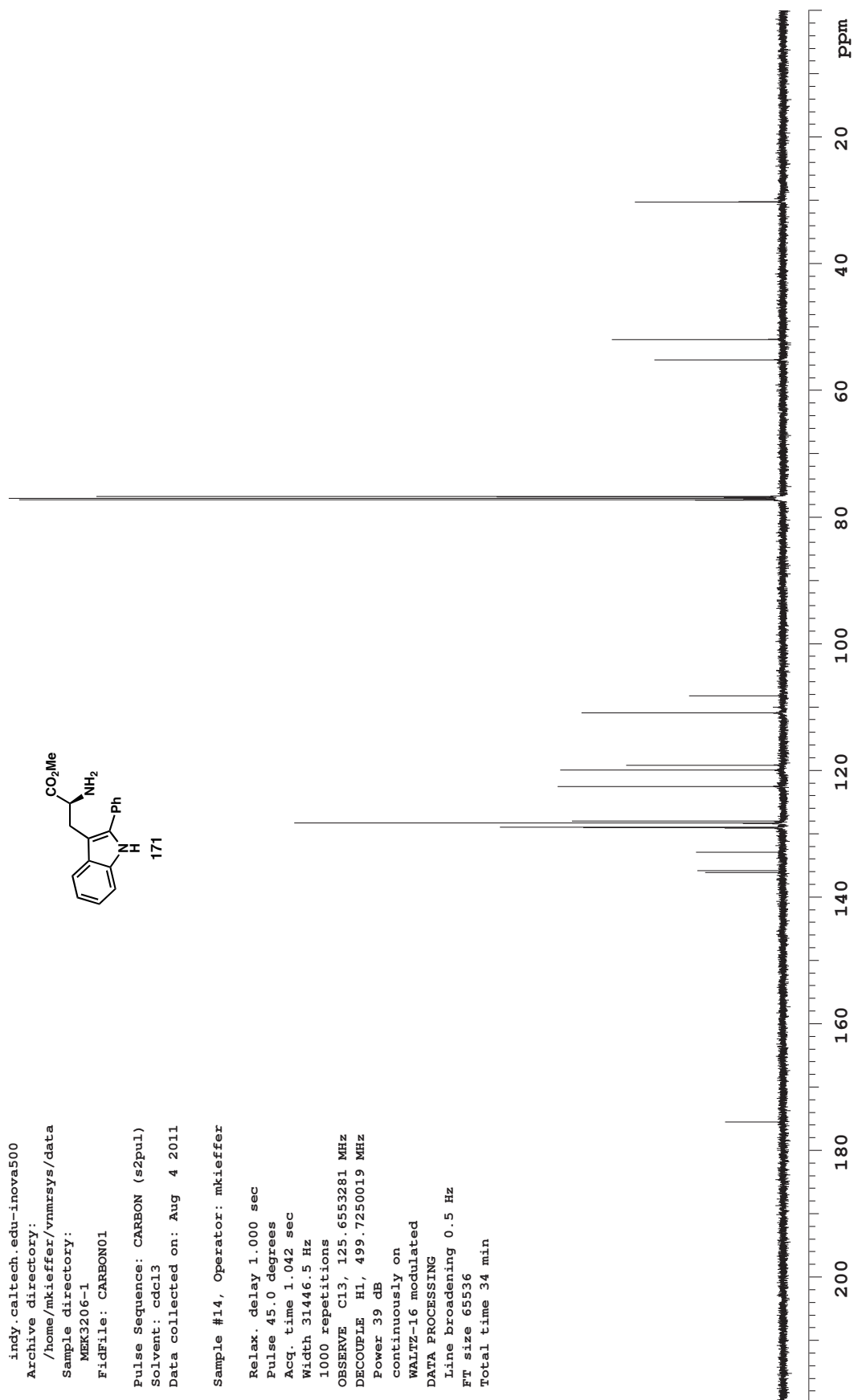
WALTZ-16 modulated

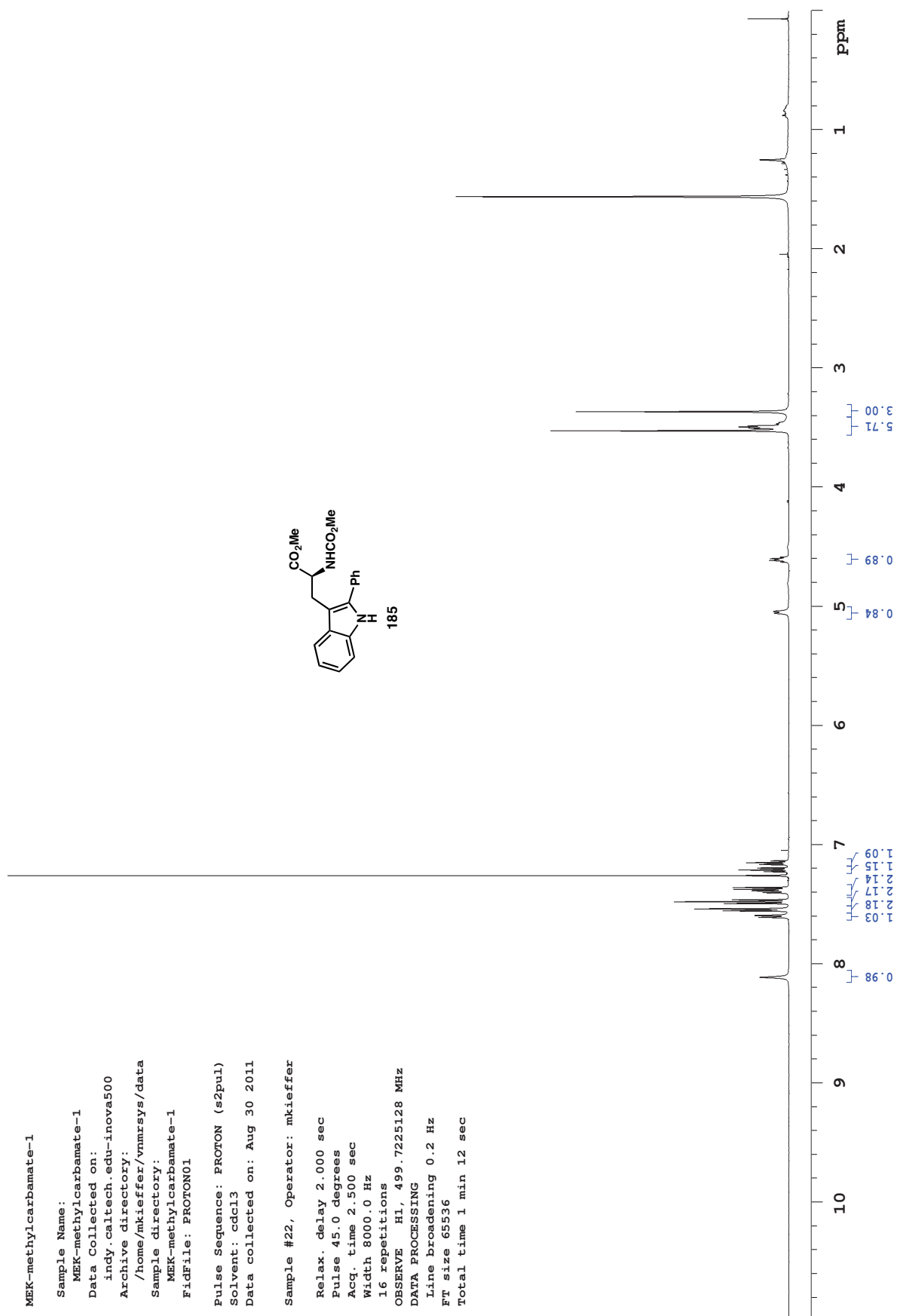
DATA PROCESSING

Line broadening 0.5 Hz

FT size 65536

Total time 34 min



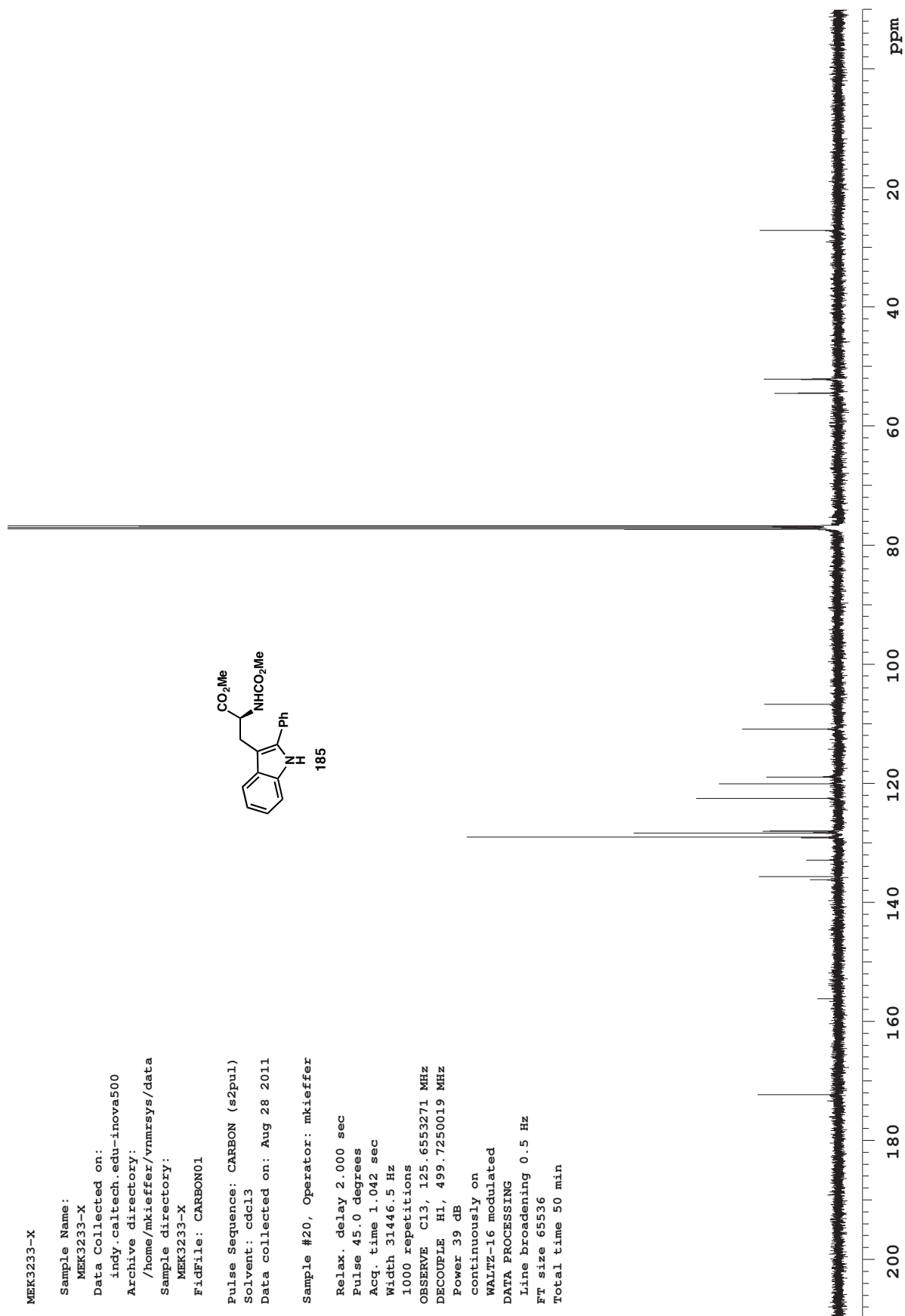
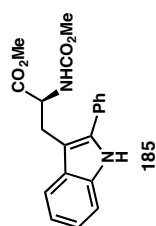


MEK3233-X

Sample Name:
MEK3233-XData Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/mkieffer/vnmrsys/dataSample directory:
MEK3233-X
FidFile: CARBON01Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Aug 28 2011

Sample #20, Operator: mkieffer

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1000 repetitions
OBSERVE C13, 125.6553271 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 50 min



LMRVI-181

Sample Name:

LMRVI-181

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrsys/data

Sample directory:

LMRVI-181

FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Aug 7 2011

Sample #40, Operator: lrepka

Relax. delay 25.000 sec

Pulse 45.0 degrees

Acq. time 2.500 sec

Width 8000.0 Hz

16 repetitions

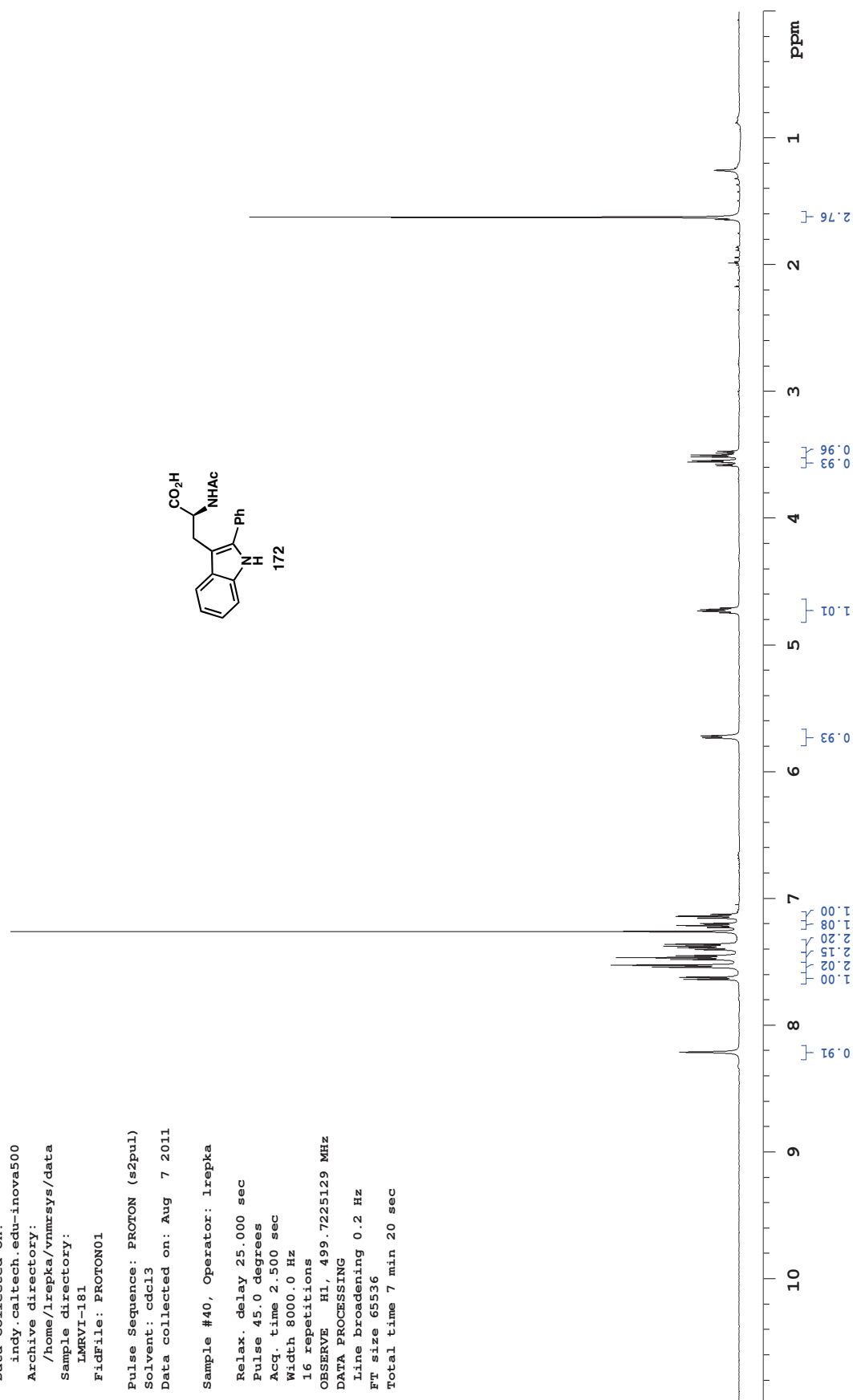
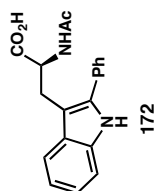
OBSERVE H1, 499.7225129 MHz

DATA PROCESSING

Line broadening 0.2 Hz

FT size 65536

Total time 7 min 20 sec



LMRVI-179

Sample Name:

LMRVI-179

Data Collected on:

indy.caltech.edu-inova500

Archive directory:

/home/lrepka/vnmrsys/data

Sample directory:

LMRVI-179

FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)

Solvent: cdc13

Data collected on: Aug 2 2011

Sample #20, Operator: lrepka

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.042 sec

Width 31446.5 Hz

1500 repetitions

OBSERVE C13, 125.6553305 MHz

DECOUPLE H1, 499.7250019 MHz

Power 39 dB

continuously on

WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

FT size 65536

Total time 51 min

