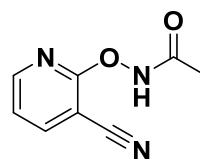


Supplementary material

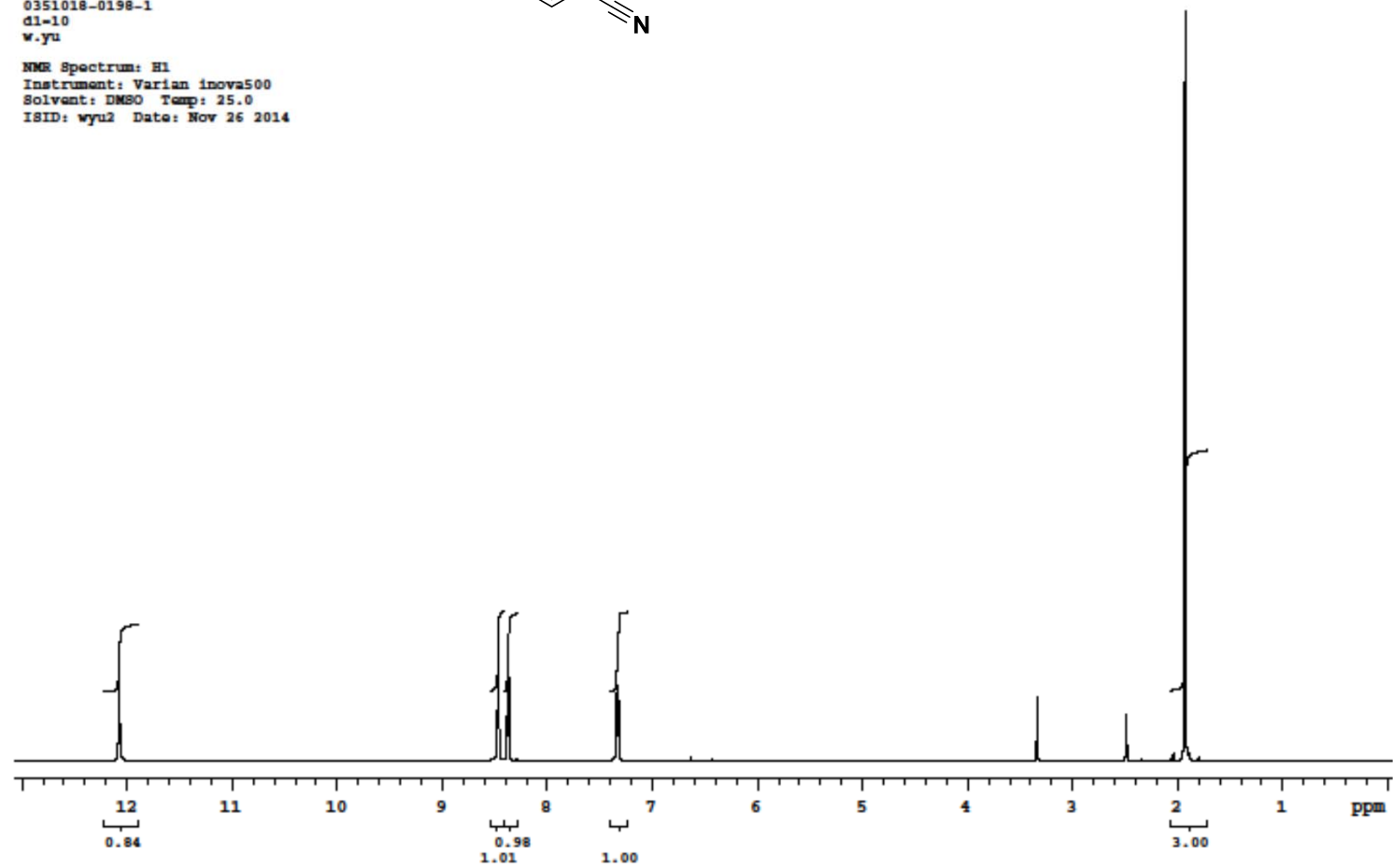
A high-yielding and green method for the preparation of isoxazolopyridin-3-amine derivatives

Wensheng Yu,^{*a} Paul G. Bulger,^b and Kevin M. Maloney^{*b}



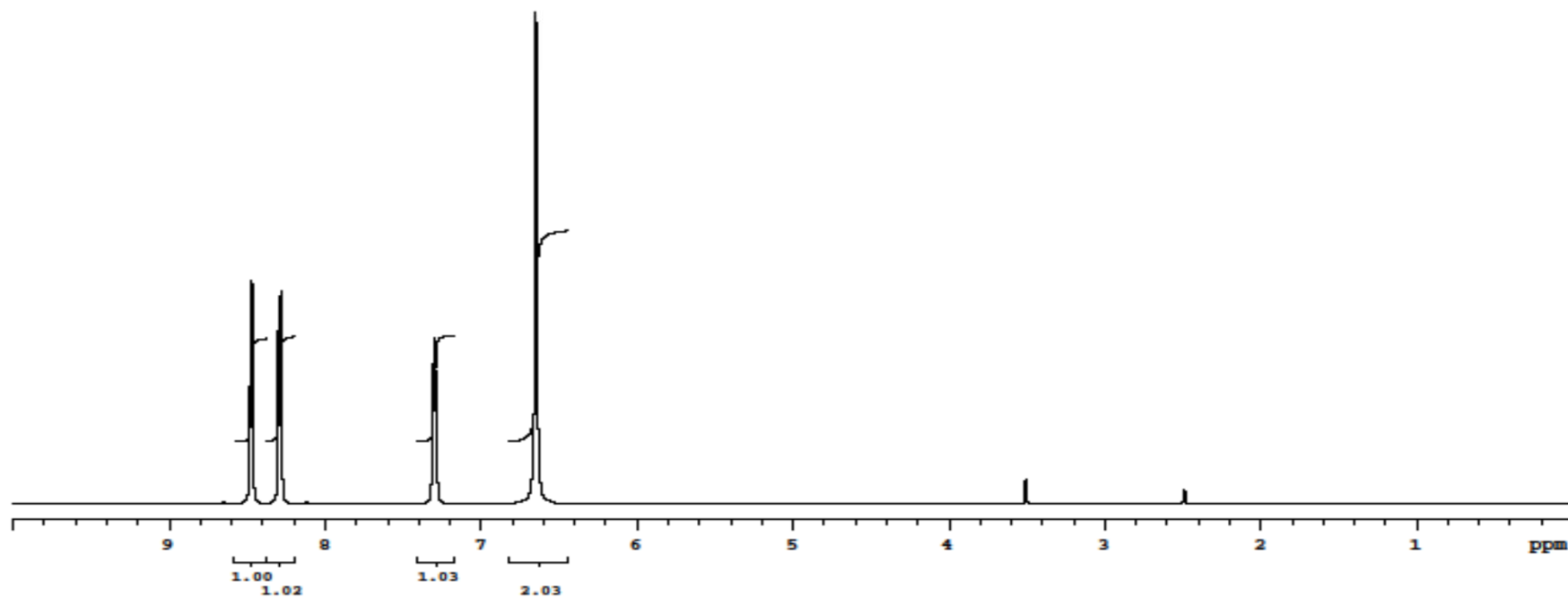
0351018-0198-1
dl-10
w.yu

NMR Spectrum: H1
Instrument: Varian inova500
Solvent: DMSO Temp: 25.0
ISID: wyu2 Date: Nov 26 2014



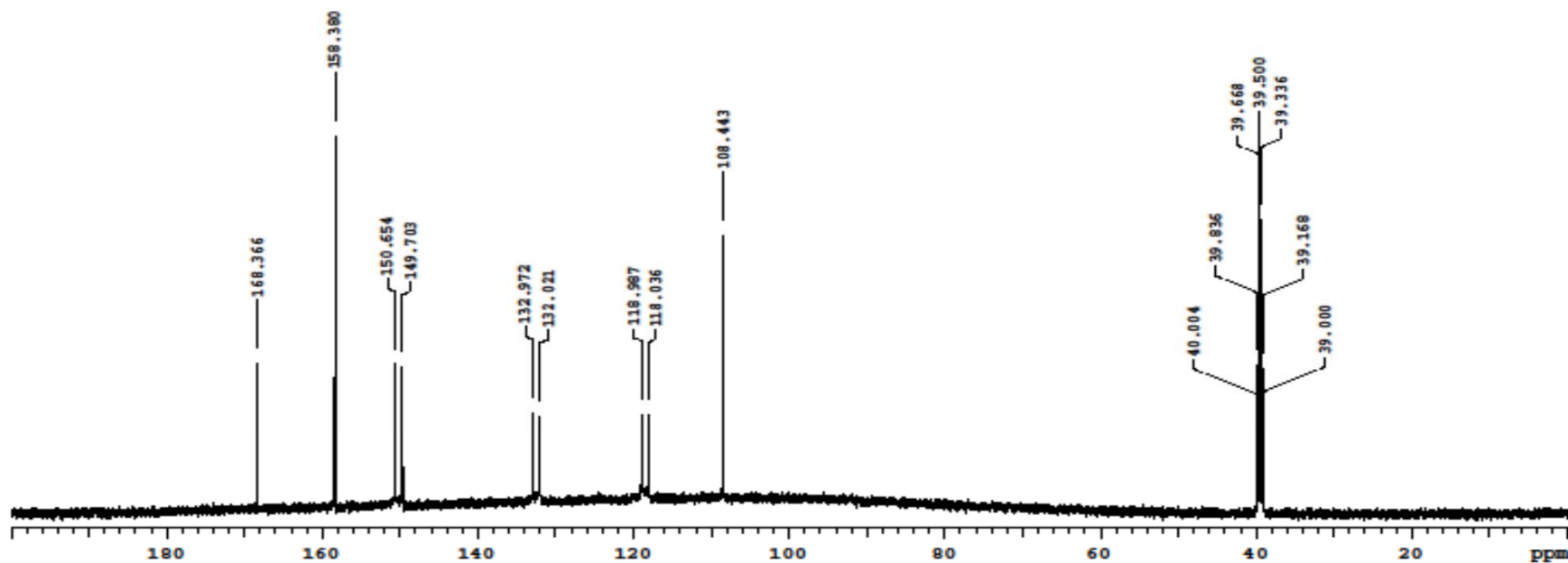
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w.yu

NMR Spectrum: H1
Instrument: Varian inova500
Solvent: DMSO Temp: 25.0
ISID: wyu2 Date: Jun 12 2014



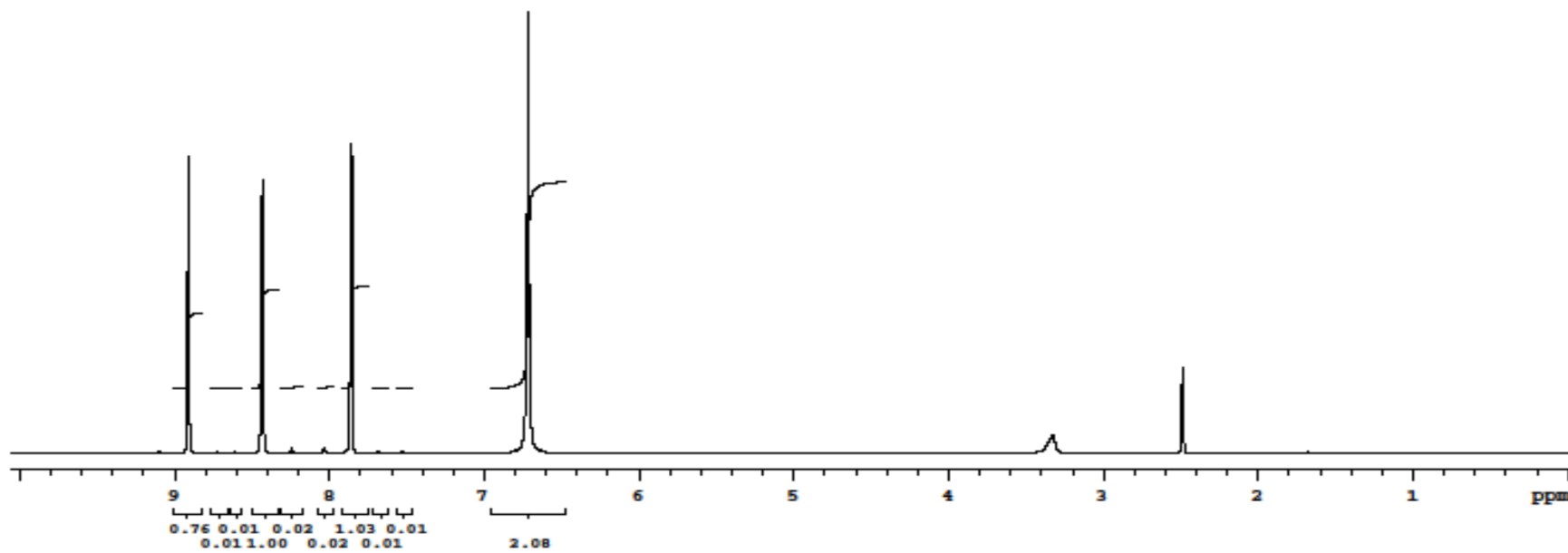
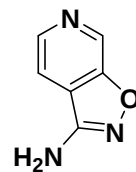
0351018-0165-1
w.yu

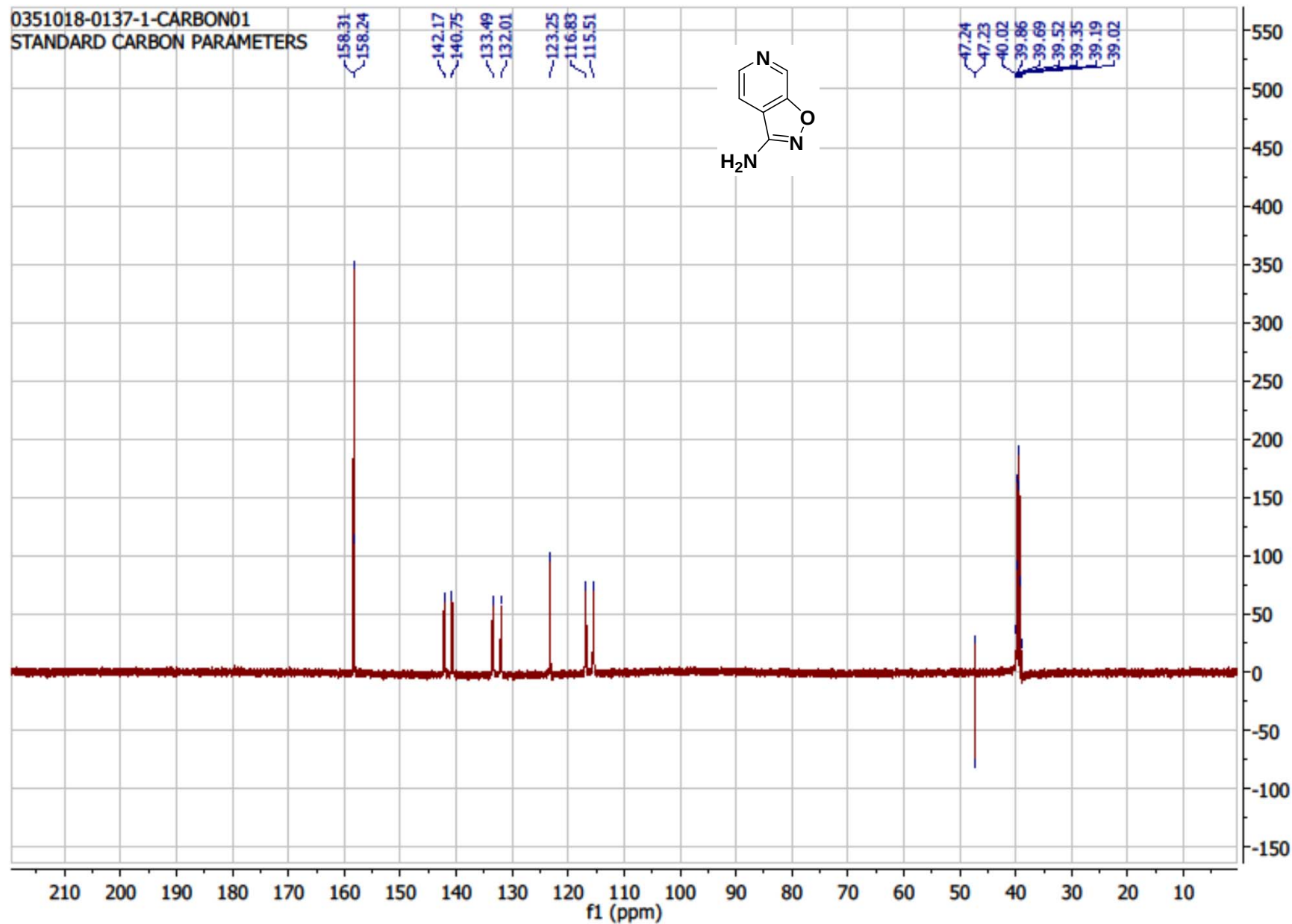
NMR Spectrum: C13
Instrument: Varian inova500
Solvent: DMSO Temp: 25.0
ISID: wyu2 Date: Jun 12 2014



0351018-0137-1
d1-10
w.yu

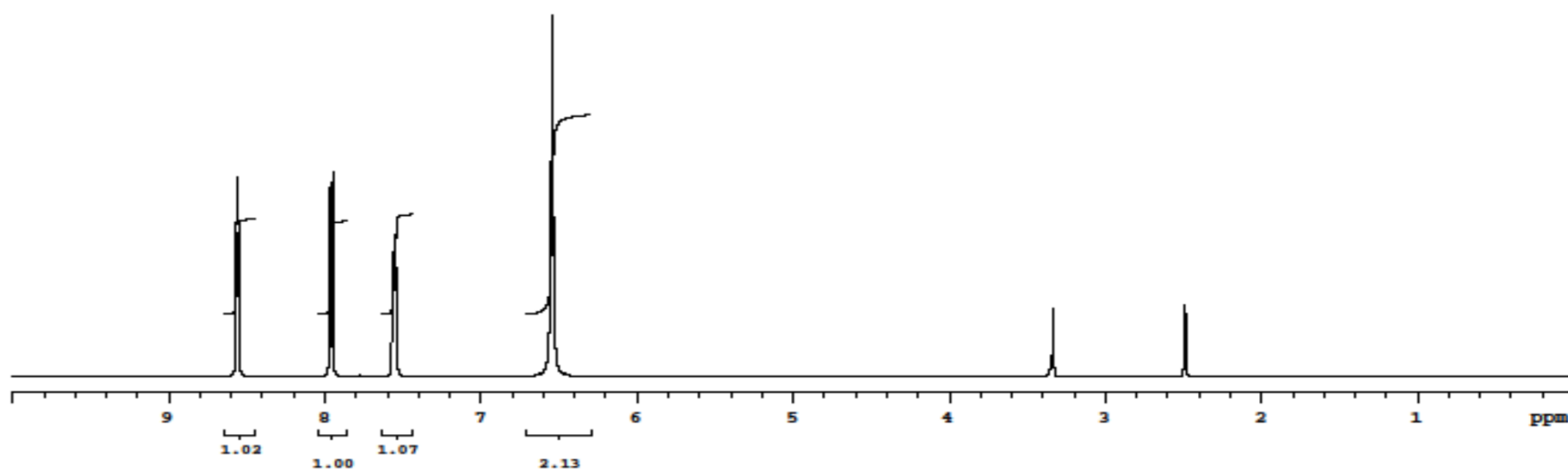
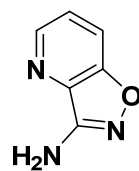
NMR Spectrum: H1
Instrument: Varian inova500
Solvent: DMSO Temp: 25.0
ISID: wyu2 Date: Apr 7 2014





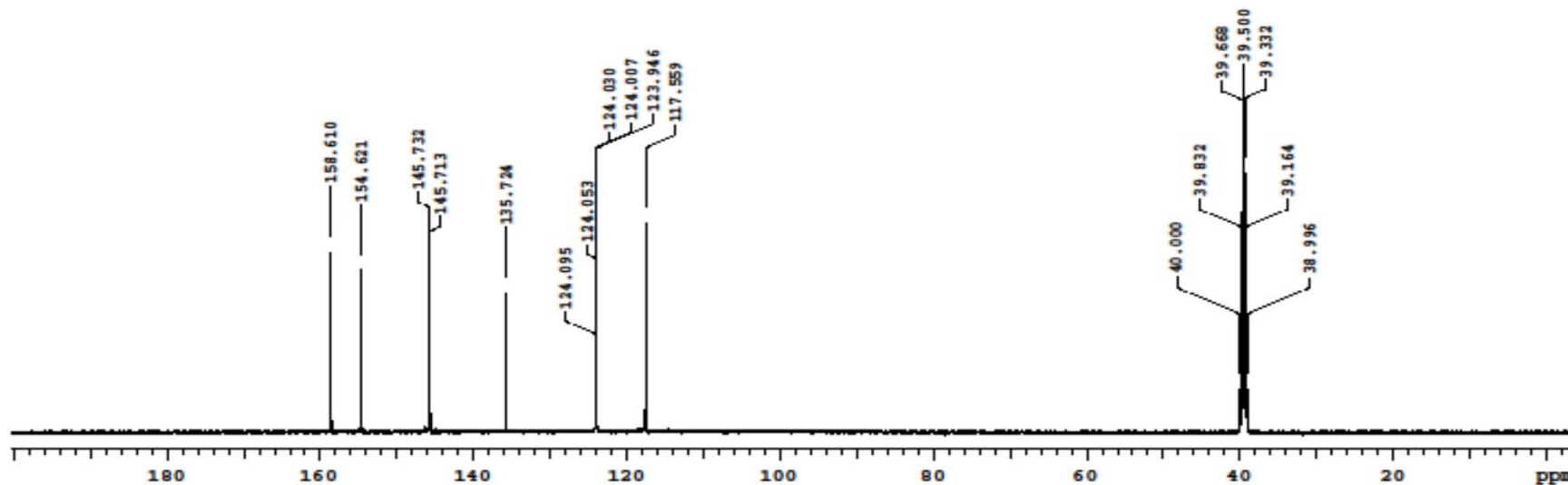
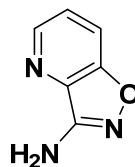
0351018-0178-1
dl-10
w.yu

NMR Spectrum: H1
Instrument: Varian inova500
Solvent: DMSO Temp: 25.0
ISID: wyu2 Date: Jun 6 2014



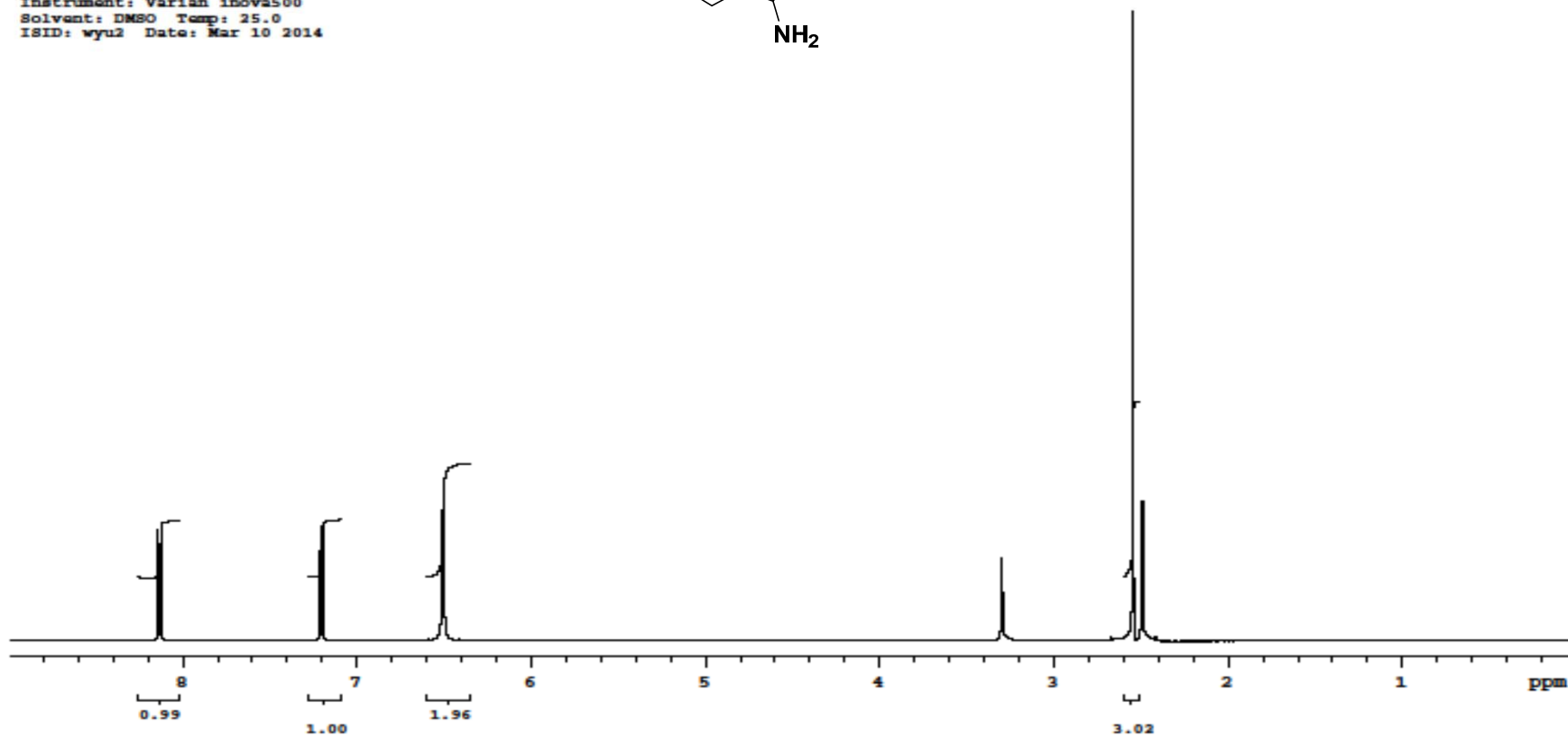
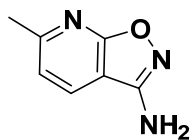
0351018-0178-1
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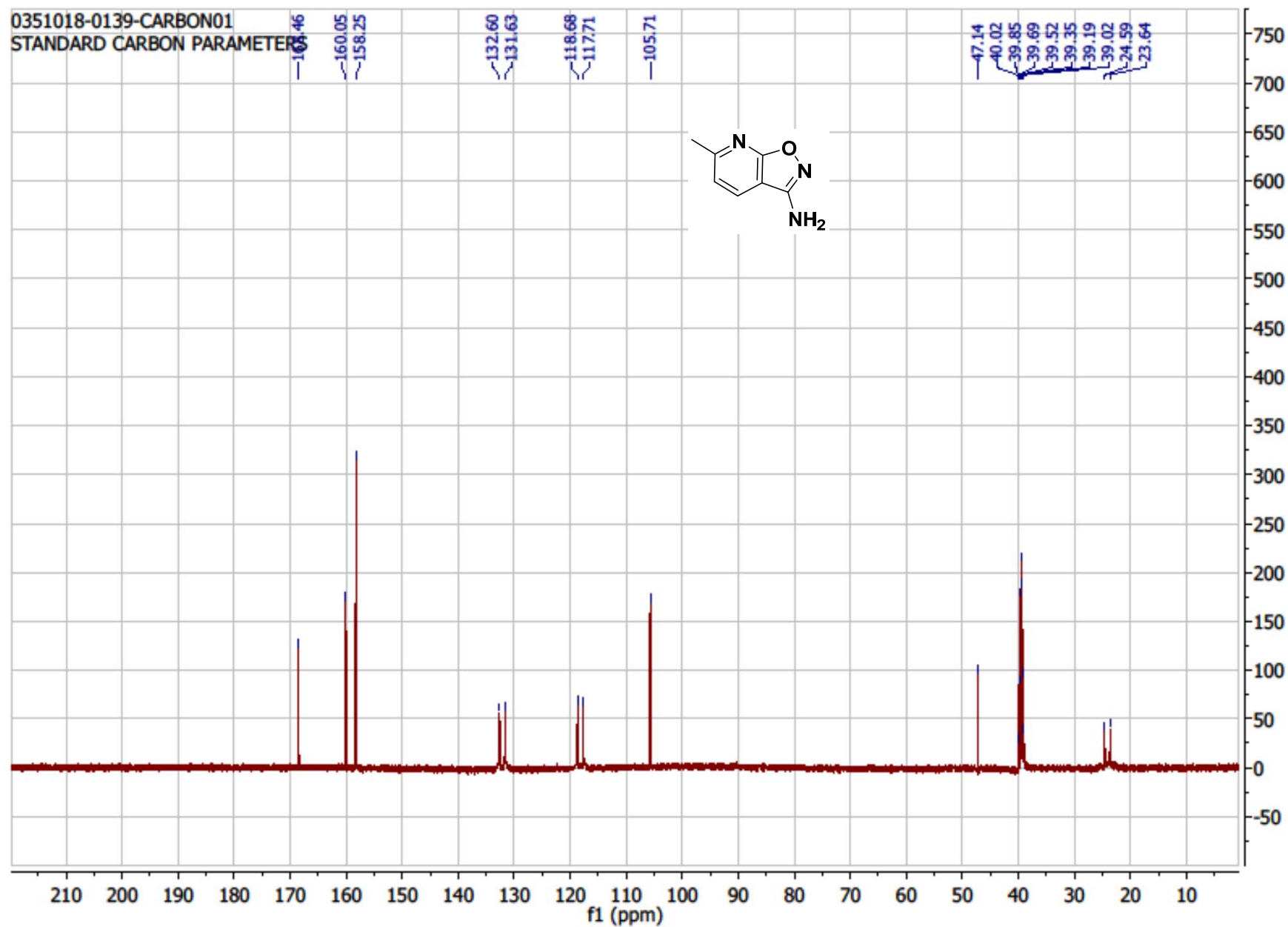
NMR Spectrum: C13
Instrument: Varian inova500
Solvent: DMSO Temp: 25.0
ISID: wyu2 Date: Jun 6 2014



0351018-0139-1
w.yu

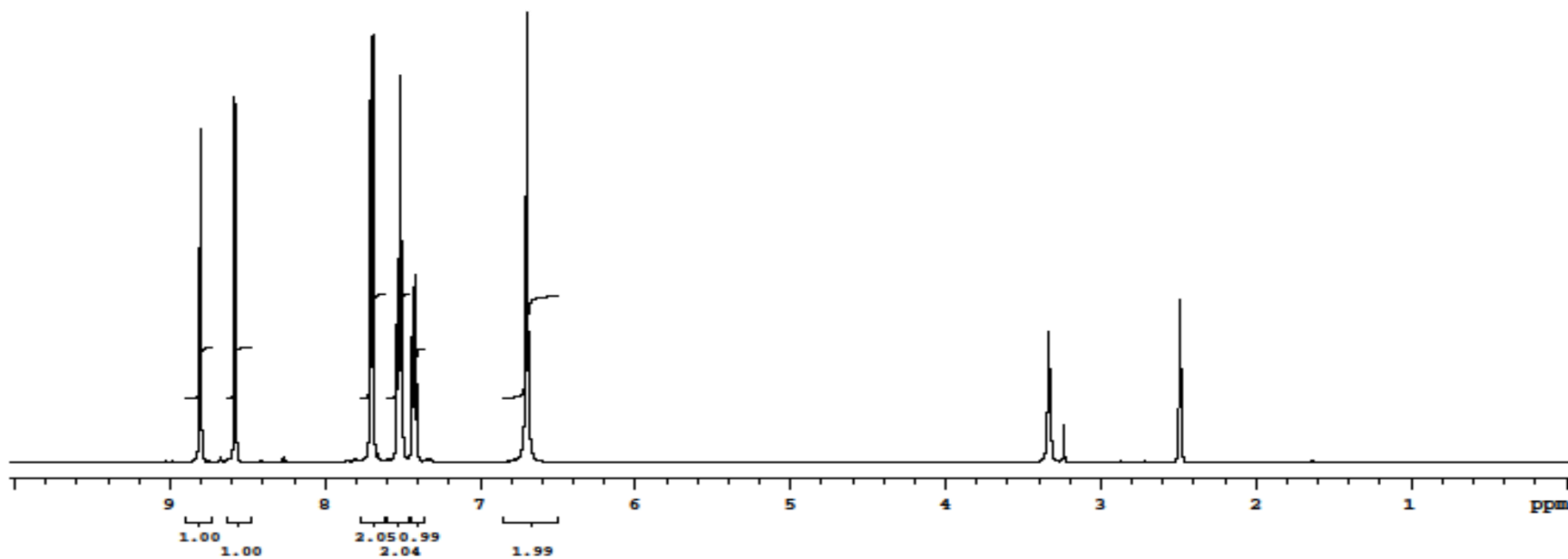
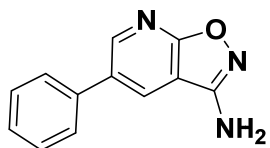
NMR Spectrum: H1
Instrument: Varian inova500
Solvent: DMSO Temp: 25.0
ISID: wyu2 Date: Mar 10 2014





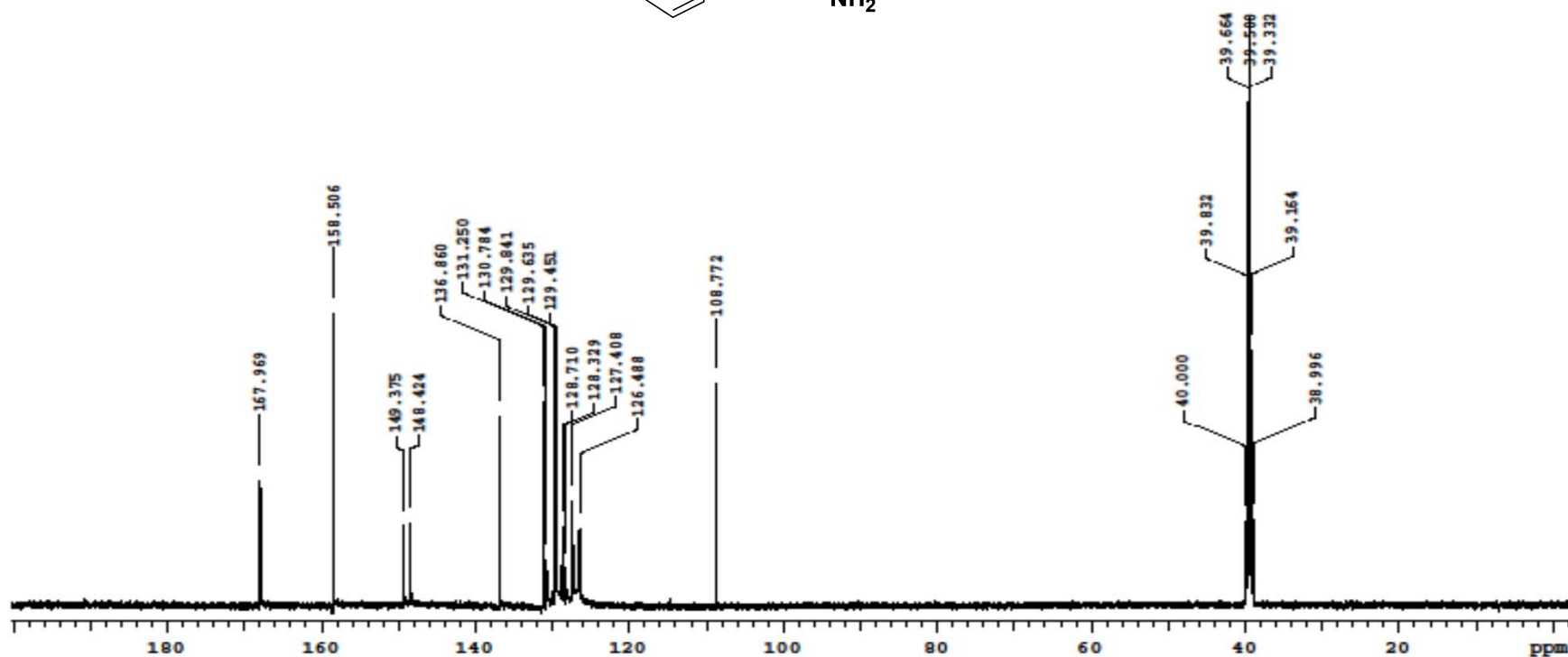
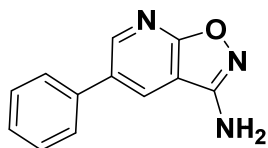
0351018-0150-1
w.yu

NMR Spectrum: H1
Instrument: Varian inova500
Solvent: DMSO Temp: 25.0
ISID: wyu2 Date: Jun 4 2014



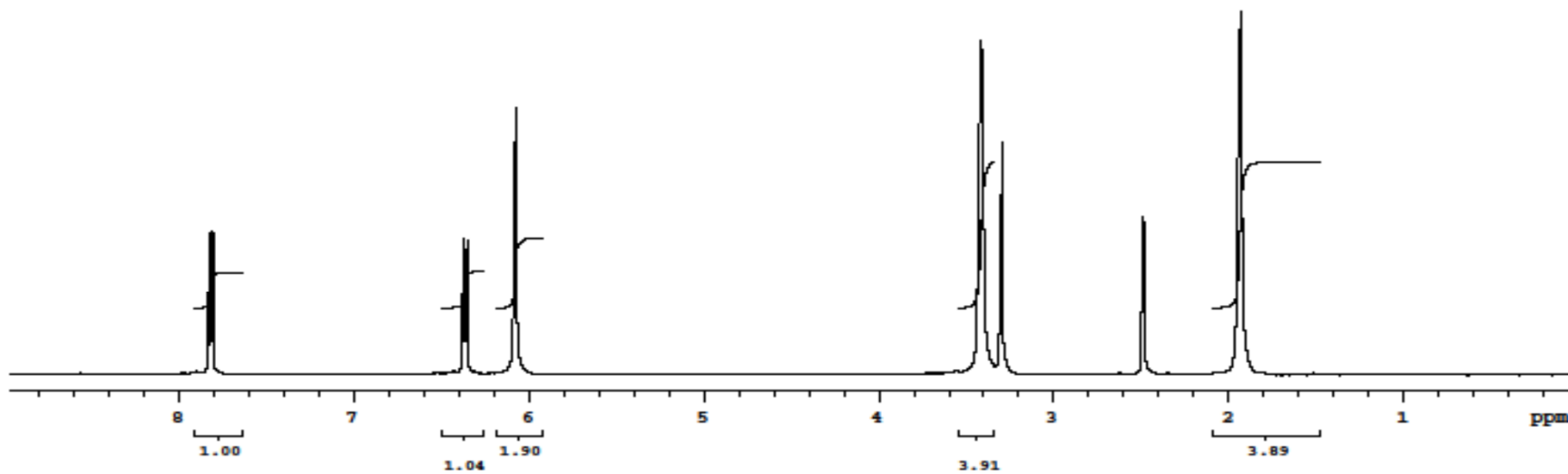
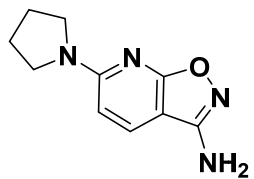
0351018-0150-1
w.yu

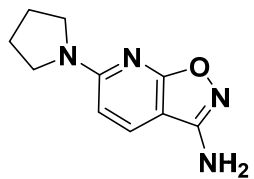
NMR Spectrum: C13 No: 03510181501
Instrument: Varian inova500
Solvent: DMSO Temp: 25.0
ISID: wyu2 Date: Jun 4 2014



0351018-0143-1
w.yu

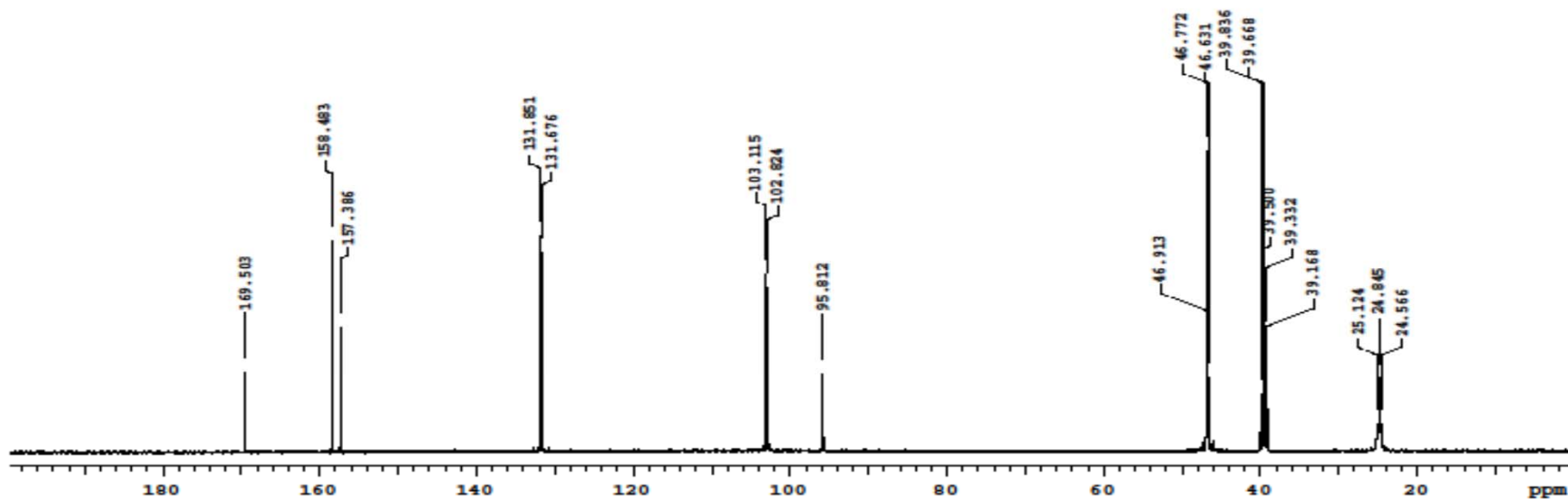
NMR Spectrum: H1
Instrument: Varian inova500
Solvent: DMSO Temp: 25.0
ISID: wyu2 Date: Mar 17 2014

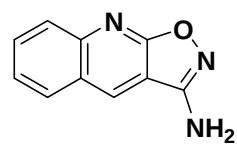




0351018-0143-1
w.yu

NMR Spectrum: C13
Instrument: Varian inova500
Solvent: DMSO Temp: 25.0
ISID: wyu2 Date: Jun 5 2014



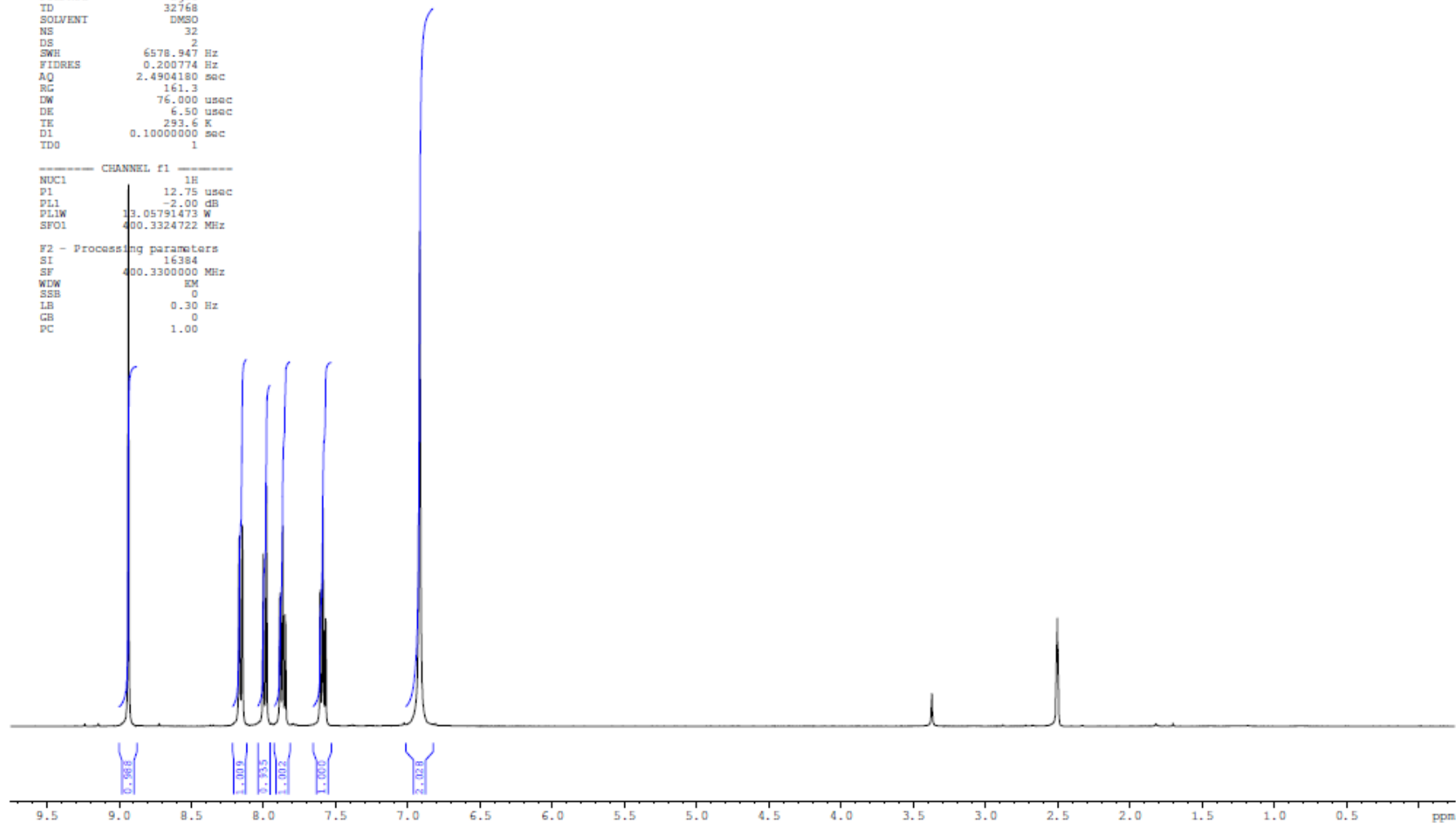


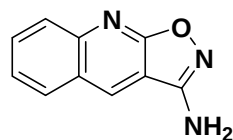
Current Data Parameters
 NAME 0348339-67B
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140421
 Time 15.45
 INSTRUM spect
 PROBED 5 mm PABBO BB-
 PULPROG zg30
 TD 32768
 SOLVENT DMSO
 NS 32
 DS 2
 SWH 6578.947 Hz
 FIDRES 0.200774 Hz
 AQ 2.4904180 sec
 RG 161.3
 DW 76.000 usec
 DE 6.50 usec
 TE 293.6 K
 D1 0.10000000 sec
 TD0 1

----- CHANNEL f1 -----
 NUC1 1H
 P1 12.75 usec
 PL1 -2.00 dB
 PL1W 13.05791473 W
 SFO1 400.3324722 MHz

F2 - Processing parameters
 SI 16384
 SF 400.3300000 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





0348339-67B/11 maloneyk

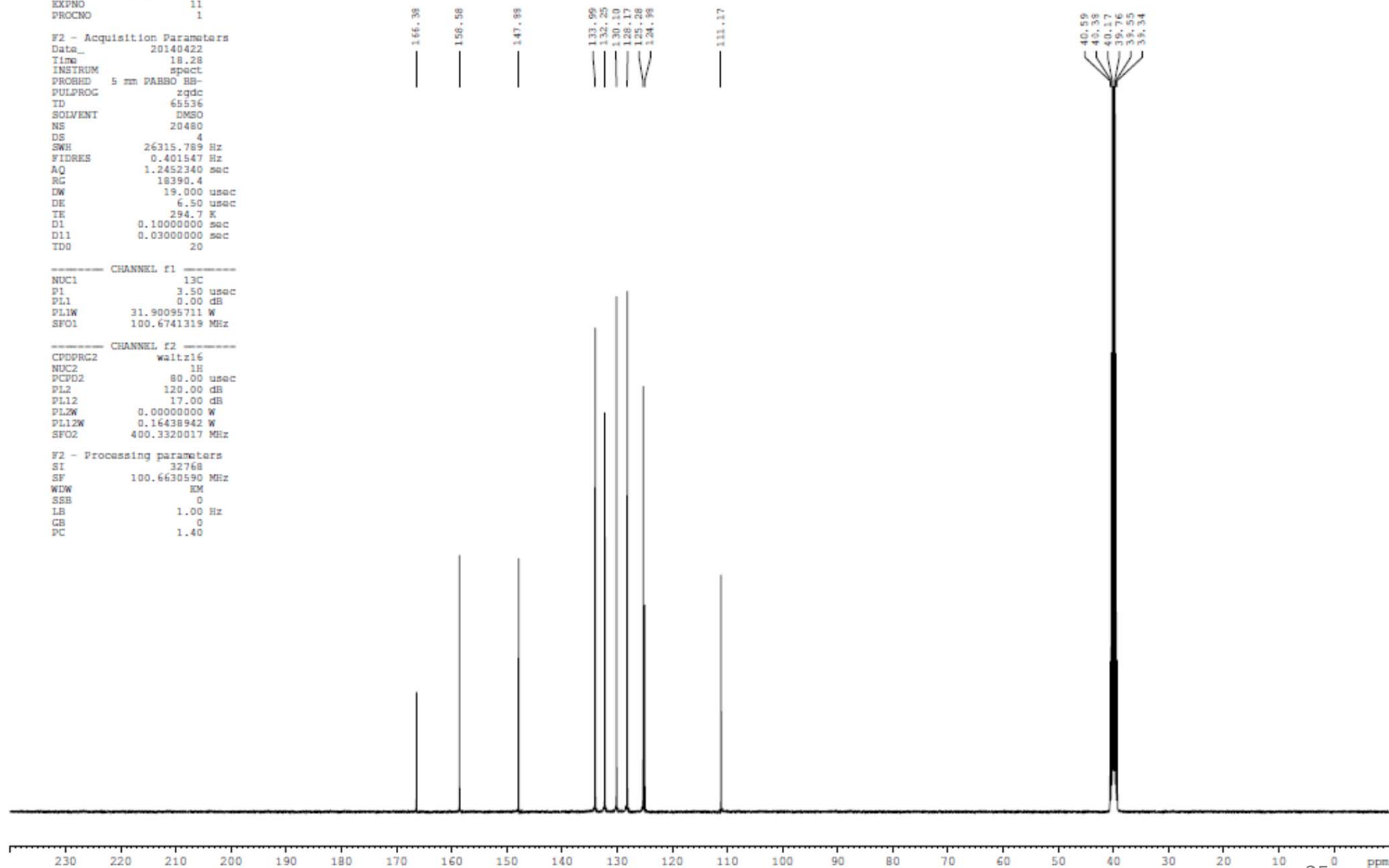
Current Data Parameters
NAME 0348339-67B
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140422
Time 18.28
INSTRUM spect
PROBHD 5 mm DABBO BB-
PULPROG zgdc
TD 65536
SOLVENT DMSO
NS 20480
DS 4
SWH 26315.789 Hz
FIDRES 0.401547 Hz
AQ 1.2452340 sec
RG 18390.4
DW 19.000 usec
DE 6.50 usec
TE 294.7 K
D1 0.10000000 sec
D11 0.03000000 sec
TD0 20

----- CHANNEL f1 -----
NUC1 13C
P1 3.50 usec
PL1 0.00 dB
PL1W 31.90095711 W
SFO1 100.6741319 MHz

----- CHANNEL f2 -----
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 120.00 dB
PL12 17.00 dB
PL2W 0.00000000 W
PL12W 0.16438942 W
SFO2 400.3320017 MHz

F2 - Processing parameters
SI 32768
SF 100.6630590 MHz
WDW EM
SBB 0
LB 1.00 Hz
GB 0
PC 1.40

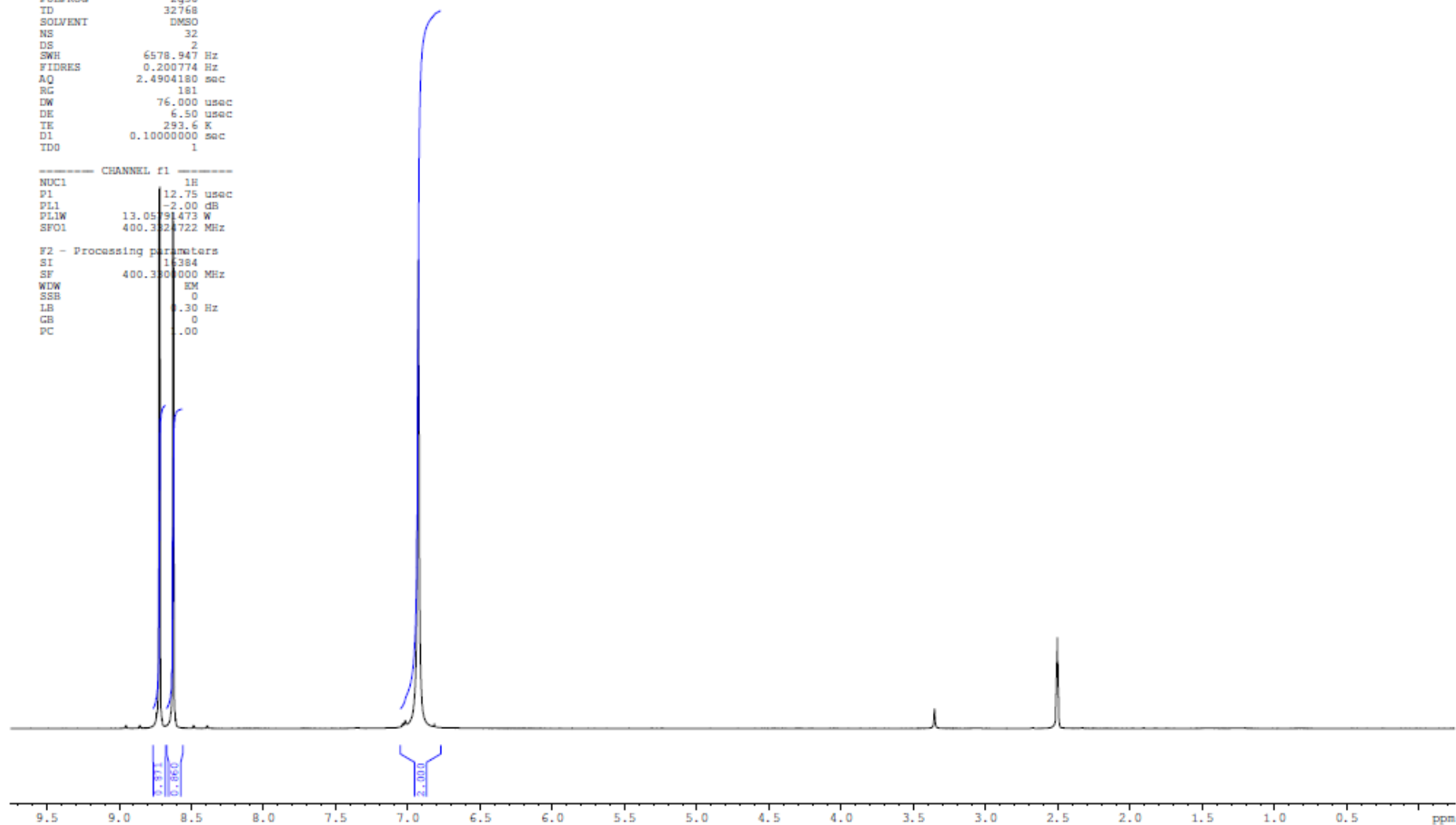
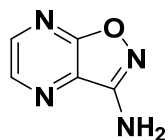


Current Data Parameters
NAME 0348339-45A
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Data_ 20140421
Time 15.40
INSTRUM spect
PROBHD 5 mm VABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 2
SWH 6578.947 Hz
FIDRES 0.200774 Hz
AQ 2.4904180 sec
RG 181
DW 76.000 usec
DE 6.50 usec
TE 293.6 K
D1 0.10000000 sec
TD0 1

----- CHANNEL f1 -----
NUC1 1H
P1 12.75 usec
PL1 -2.00 dB
PL1W 13.05791473 W
SFO1 400.322722 MHz

F2 - Processing parameters
SI 16384
SF 400.322722 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



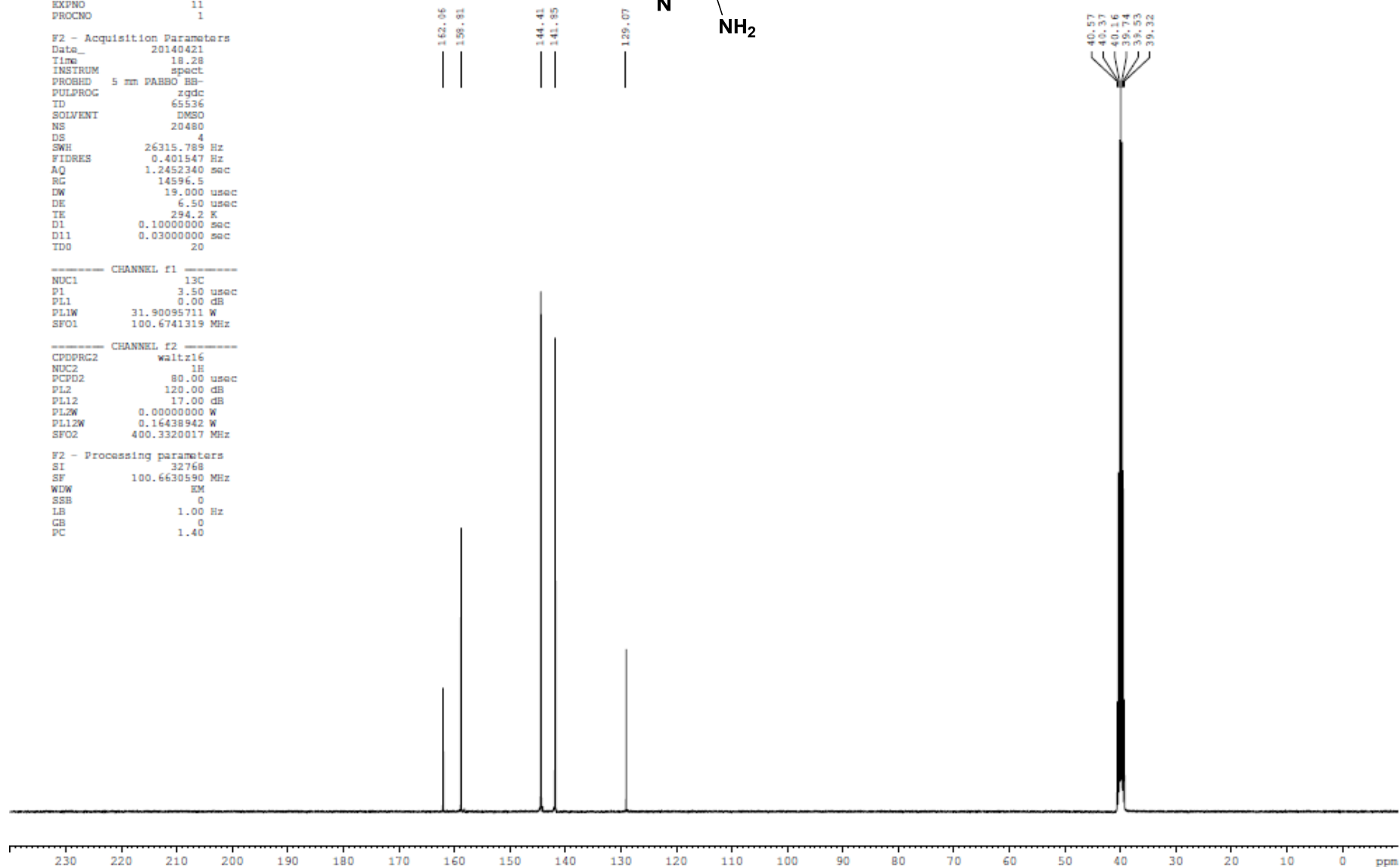
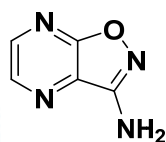
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 NAME 0348339-45A
 EXPNO 11
 PROCNO 1

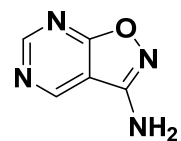
F2 - Acquisition Parameters
 Date_ 20140421
 Time 18.28
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT DMSO
 NS 20480
 DS 4
 SWH 26315.789 Hz
 FIDRES 0.401547 Hz
 AQ 1.2452340 sec
 RG 14596.5
 DW 19.000 usec
 DE 6.50 usec
 TE 294.2 K
 D1 0.10000000 sec
 D11 0.03000000 sec
 TD0 20

----- CHANNEL f1 -----
 NUC1 13C
 P1 3.50 usec
 PL1 0.00 dB
 PL1W 31.90095711 W
 SFO1 100.6741319 MHz

----- CHANNEL f2 -----
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 120.00 dB
 PL12 17.00 dB
 PL2W 0.00000000 W
 PL12W 0.16438942 W
 SFO2 400.3320017 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6630590 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



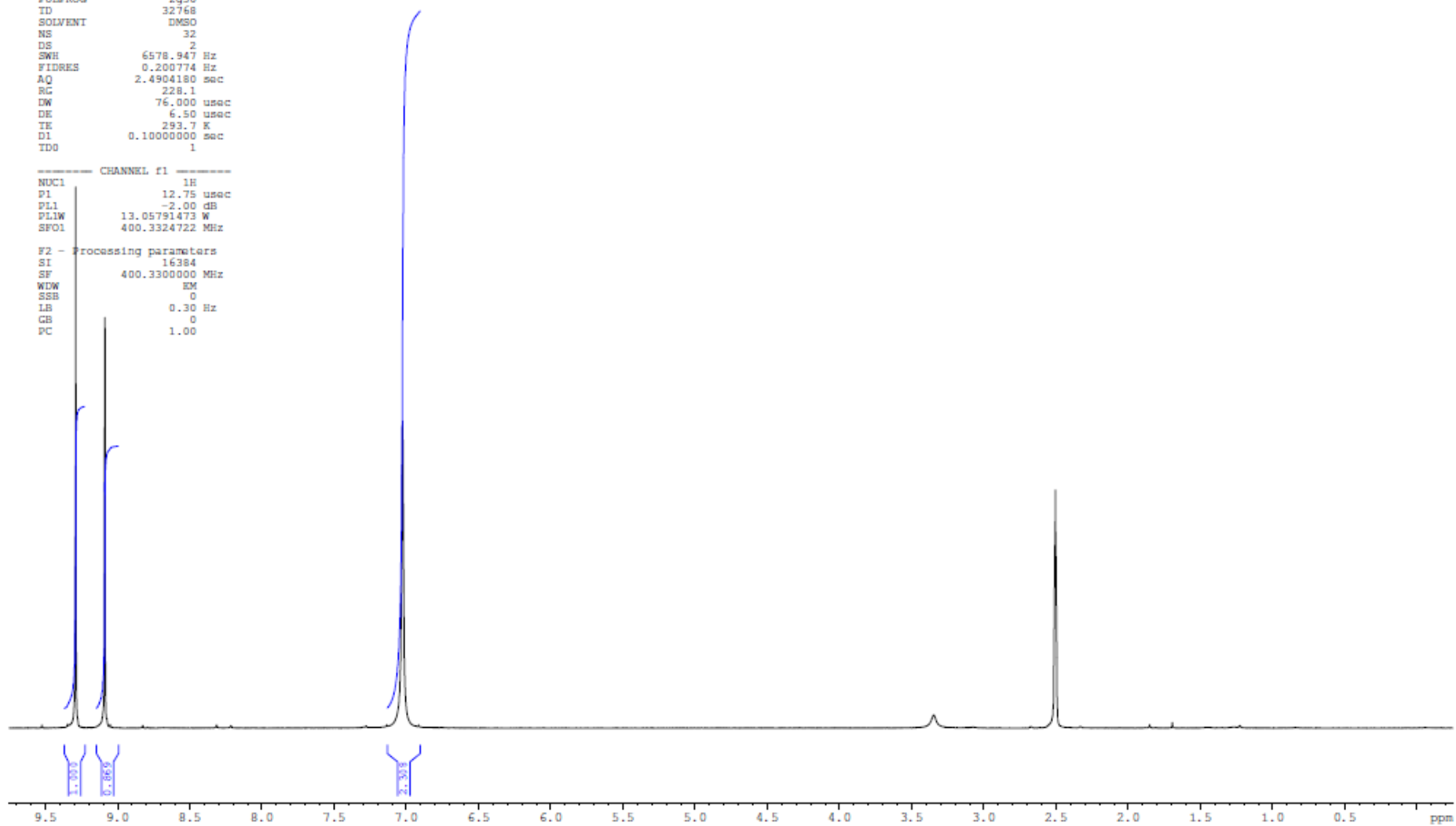


Current Data Parameters
 NAME 0348339-75B
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140421
 Time 15.50
 INSTRUM spect
 PROBE 5 mm PABBO BB-
 PULPROG zg30
 TD 32768
 SOLVENT DMSO
 NS 32
 DS 2
 SWH 6578.947 Hz
 FIDRES 0.200774 Hz
 AQ 2.4904180 sec
 RG 228.1
 DW 76.000 usec
 DE 6.50 usec
 TE 293.7 K
 D1 0.10000000 sec
 TDO 1

CHANNEL f1
 NUC1 1H
 P1 12.75 usec
 PL1 -2.00 dB
 PL1W 13.05791473 W
 SFO1 400.3324722 MHz

F2 - Processing parameters
 SI 16384
 SF 400.3300000 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



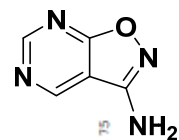
Current Data Parameters
 NAME 0348339-75B
 EXPNO 11
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140423
 Time 18.28
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgdc
 TD 65536
 SOLVENT DMSO
 NS 20480
 DS 4
 SWH 26315.789 Hz
 FIDRES 0.401547 Hz
 AQ 1.2452340 sec
 RG 8192
 DW 19.000 usec
 DE 6.50 usec
 TE 293.5 K
 D1 0.10000000 sec
 D11 0.03000000 sec
 TDO 20

----- CHANNEL f1 -----
 NUC1 13C
 P1 3.50 usec
 PL1 0.00 dB
 PL1W 31.90095711 W
 SFO1 100.6741319 MHz

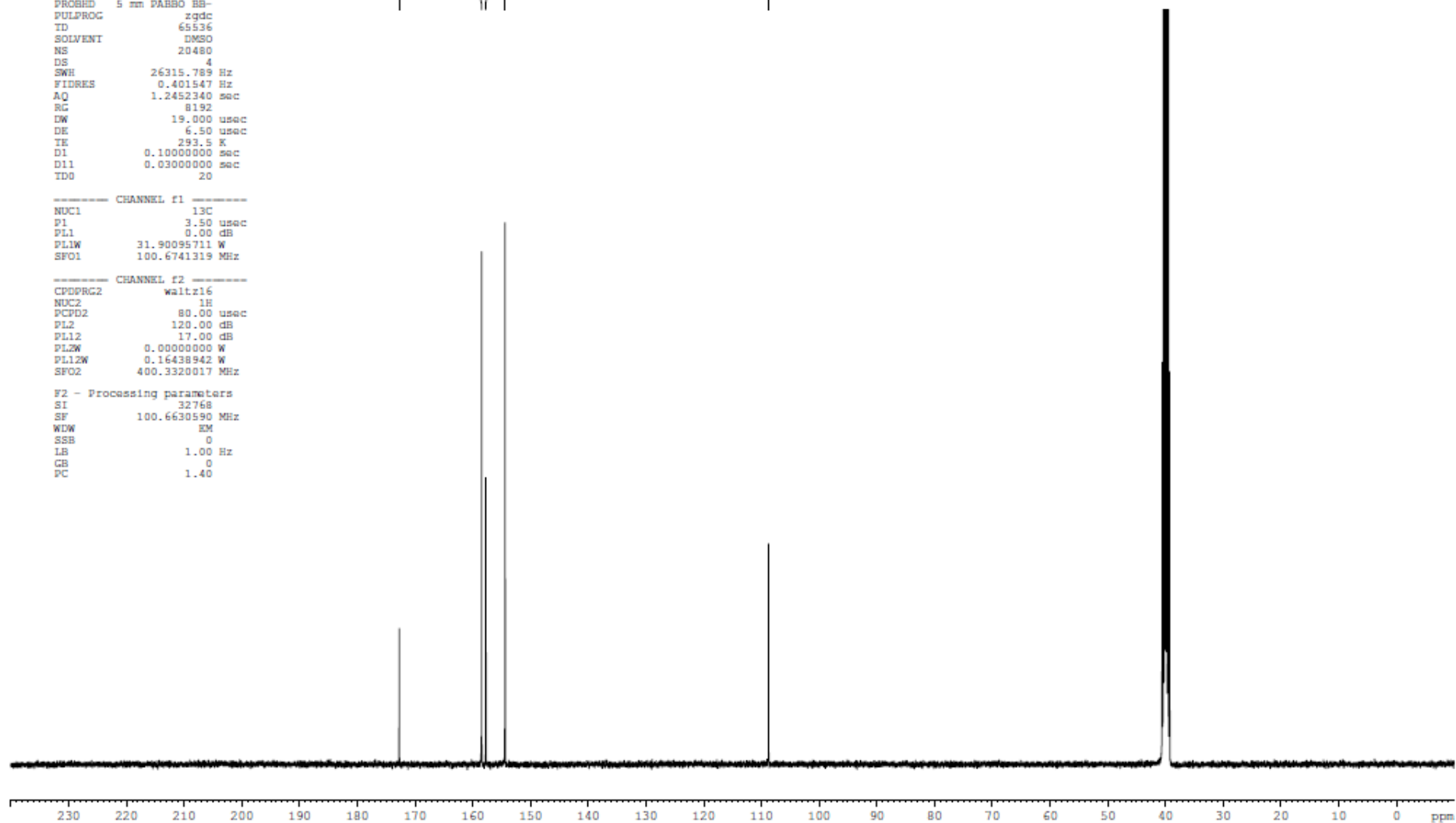
----- CHANNEL f2 -----
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 120.00 dB
 PL12 17.00 dB
 PL2W 0.00000000 W
 PL12W 0.16438942 W
 SFO2 400.3320017 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6630590 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



172.69
 158.46
 157.77
 154.42

109.75

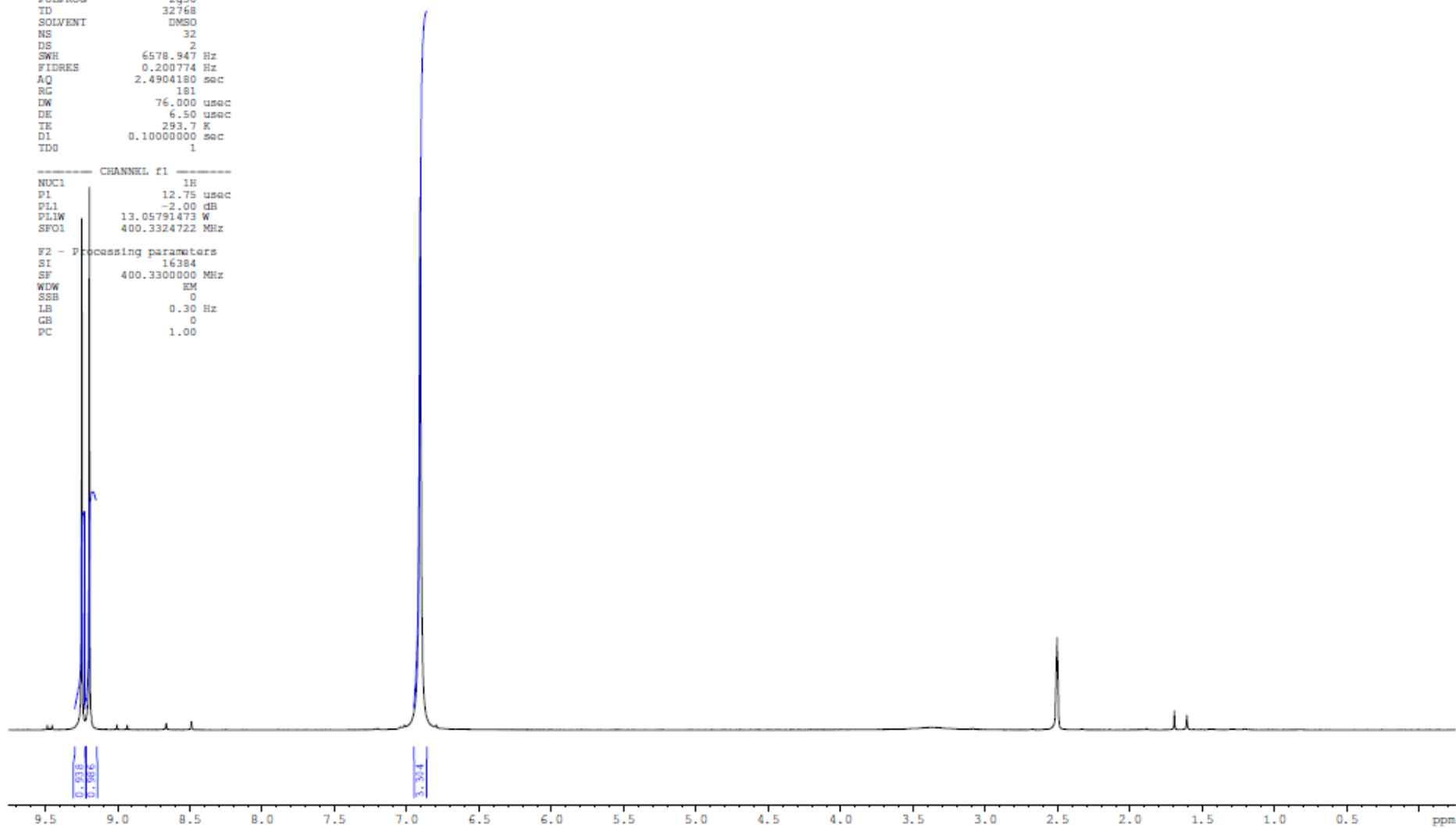
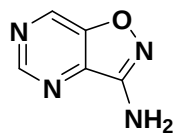


Current Data Parameters
NAME 0348339-76B
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140421
Time 15.56
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 2
SWH 6578.947 Hz
FIDRES 0.200774 Hz
AQ 2.4904180 sec
RG 181
DW 76.000 usec
DE 6.50 usec
TE 293.7 K
D1 0.10000000 sec
TD0 1

----- CHANNEL f1 -----
NUC1 1H
P1 12.75 usec
PL1 -2.00 dB
PL1W 13.05791473 W
SFO1 400.3324722 MHz

F2 - Processing parameters
SI 16384
SF 400.3300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



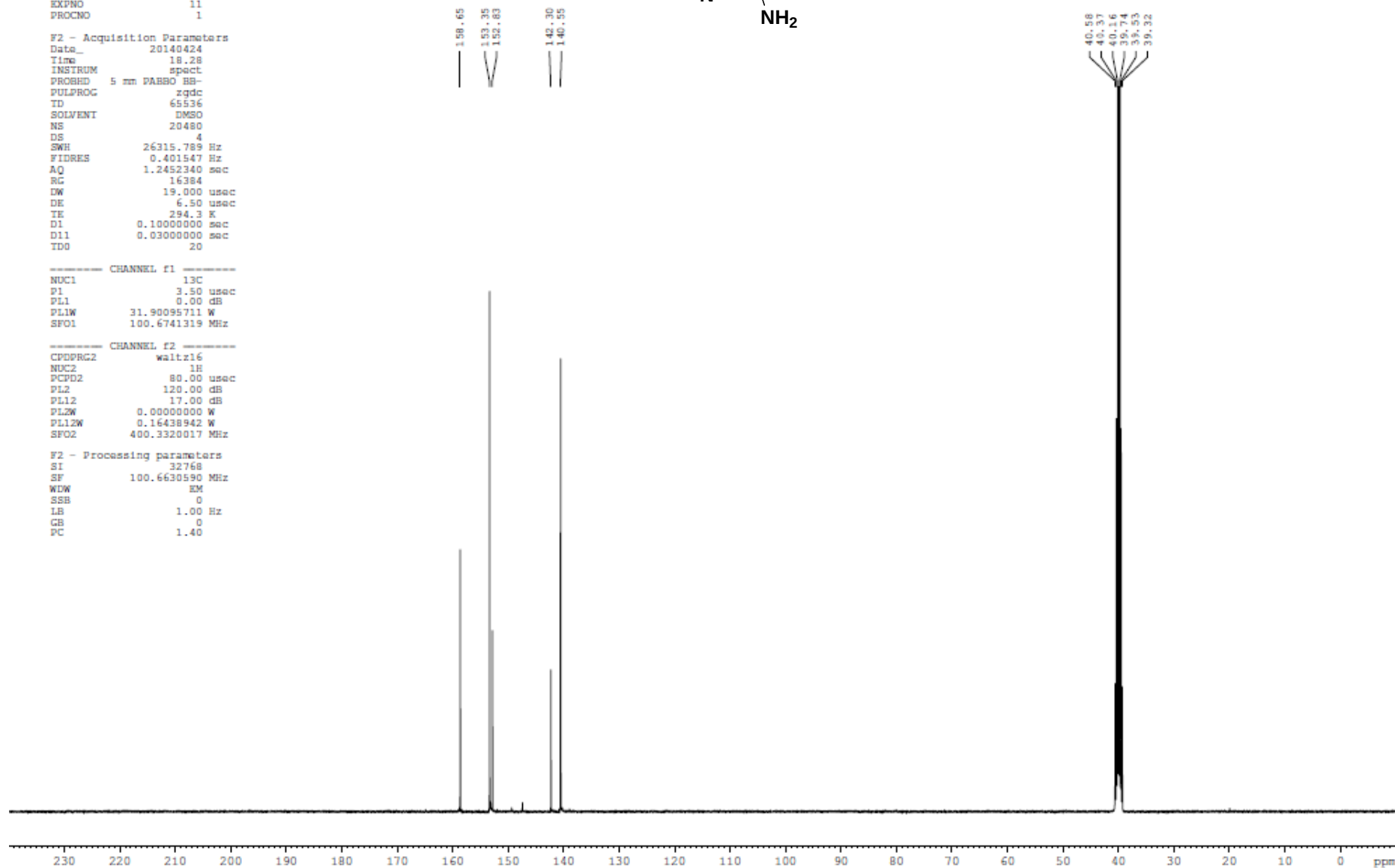
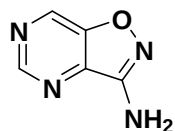
Current Data Parameters
 NAME 0348339-76B
 EXPNO 11
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140424
 Time 18.28
 INSTRUM spect
 PROBED 5 mm PABBO BB-
 PULPROG zgdc
 TD 65536
 SOLVENT DMSO
 NS 20480
 DS 4
 SWH 26315.789 Hz
 FIDRES 0.401547 Hz
 AQ 1.2452340 sec
 RG 16384
 DW 19.000 usec
 DE 6.50 usec
 TE 294.3 K
 D1 0.10000000 sec
 D11 0.03000000 sec
 TDO 20

===== CHANNEL f1 =====
 NUC1 13C
 P1 3.50 usec
 PL1 0.00 dB
 PL1W 31.90095711 W
 SFO1 100.6741319 MHz

===== CHANNEL f2 =====
 CPDPRG2 waitx16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 120.00 dB
 PL12 17.00 dB
 PL2W 0.00000000 W
 PL12W 0.16438942 W
 SFO2 400.3320017 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6630590 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

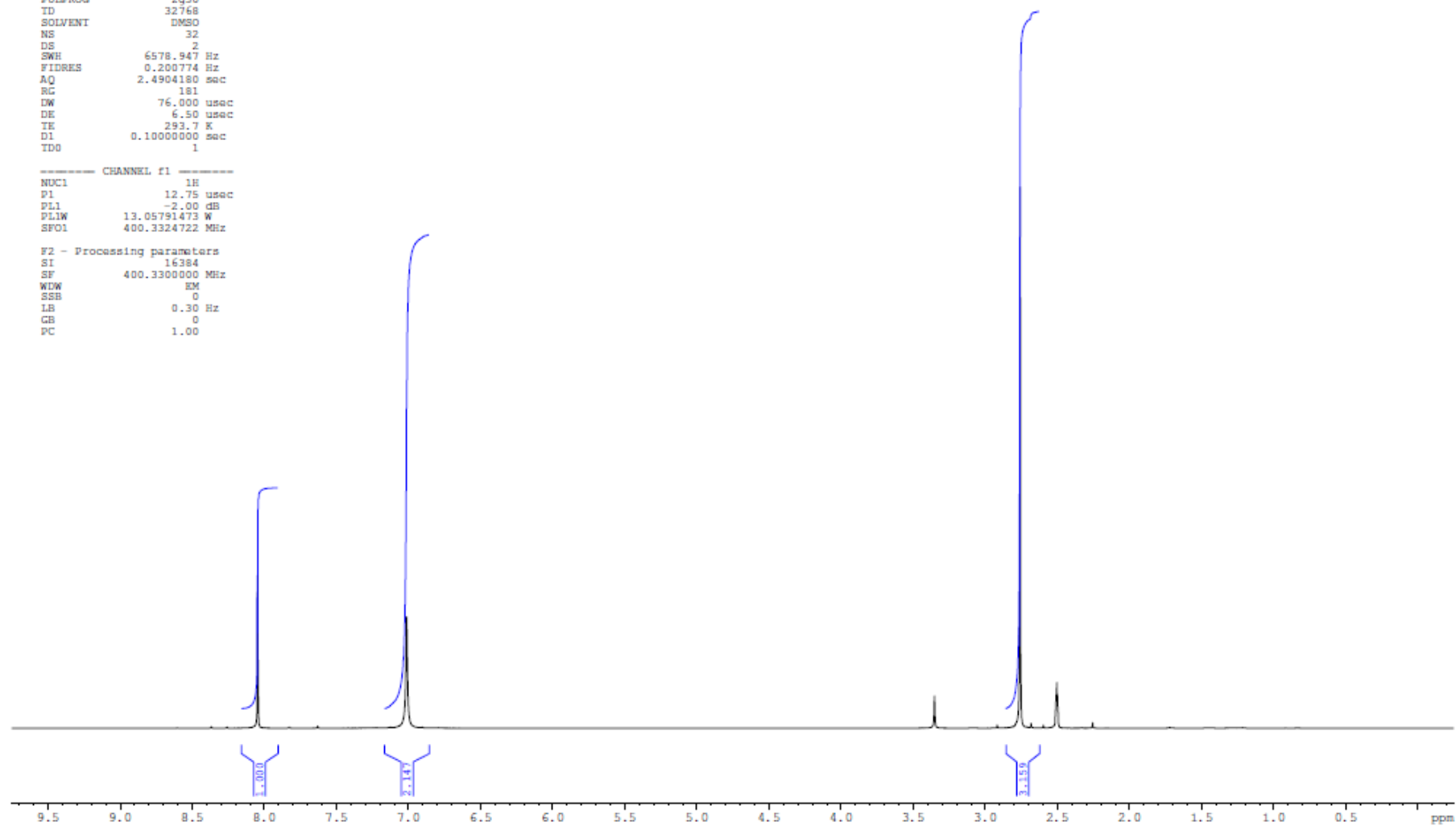
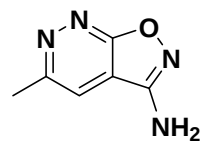


Current Data Parameters
NAME 0348339-77B
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140421
Time 16.01
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 2
SWH 6578.947 Hz
FIDRES 0.200774 Hz
AQ 2.4904180 sec
RG 181
DW 76.000 usec
DE 6.50 usec
TE 293.7 K
D1 0.10000000 sec
TD0 1

----- CHANNEL f1 -----
NUC1 1H
P1 12.75 usec
PL1 -2.00 dB
PL1W 13.05791473 W
SFO1 400.3324722 MHz

F2 - Processing parameters
SI 16384
SF 400.3300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



Current Data Parameters
 NAME 0348339-77B
 EXPNO 11
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140425
 Time 18.28
 INSTRUM spect
 PROBED 5 mm PABBO BB-
 PULPROG zgdc
 TD 65536
 SOLVENT DMSO
 NS 20480
 DS 4
 SWH 26315.789 Hz
 FIDRES 0.401547 Hz
 AQ 1.2452340 sec
 RG 16384
 DW 19.000 usec
 DE 6.50 usec
 TE 293.7 K
 D1 0.10000000 sec
 D11 0.03000000 sec
 TD0 20

===== CHANNEL f1 =====
 NUC1 13C
 P1 3.50 usec
 PL1 0.00 dB
 PL1W 31.90095711 W
 SFO1 100.6741319 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 120.00 dB
 PL12 17.00 dB
 PL2W 0.00000000 W
 PL12W 0.16438942 W
 SFO2 400.3320017 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6630590 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

