

Data Path : S:\HPCHEM1\BNA_F\Data\BF041315\
 Data File : BF078461.D
 Acq On : 13 Apr 2015 15:42
 Operator : TP/IZ
 Sample : G1803-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-WW-110-4715

Quant Time: Apr 13 16:37:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 11:29:31 2015
 Response via : Initial Calibration

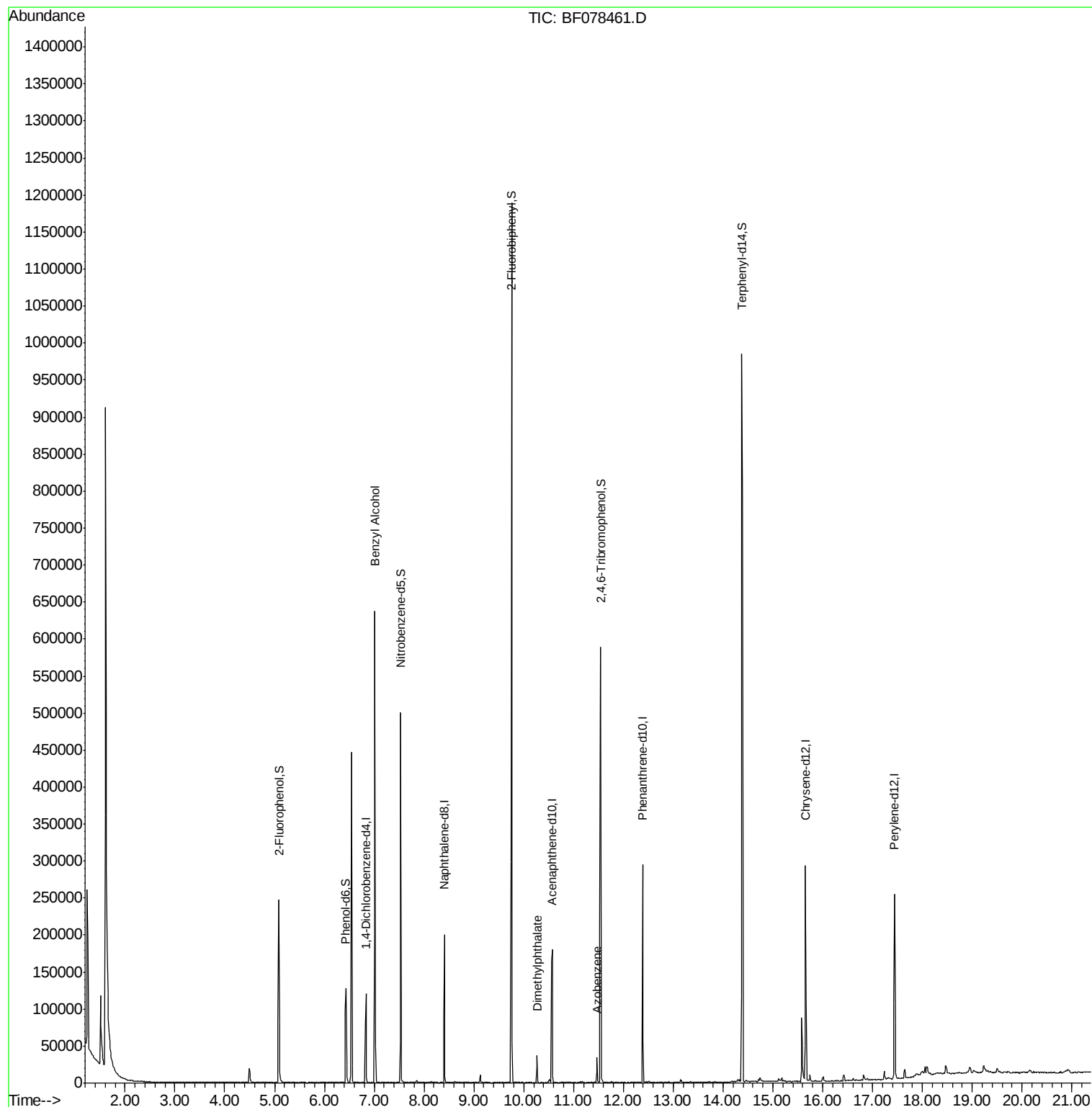
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	25851	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	106160	20.00	ng	0.00
38) Acenaphthene-d10	10.57	164	53563	20.00	ng	-0.02
63) Phenanthrene-d10	12.39	188	112954	20.00	ng	-0.03
75) Chrysene-d12	15.66	240	121708	20.00	ng	-0.04
86) Perylene-d12	17.44	264	116557	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	91392	58.29	ng	-0.04
7) Phenol-d6	6.43	99	67666	34.44	ng	0.00
23) Nitrobenzene-d5	7.53	82	160099	91.41	ng	0.00
41) 2,4,6-Tribromophenol	11.54	330	70900	159.60	ng	-0.03
44) 2-Fluorobiphenyl	9.76	172	375930	100.32	ng	0.00
78) Terphenyl-d14	14.38	244	476493	88.47	ng	-0.04
Target Compounds						Qvalue
15) Benzyl Alcohol	7.02	79	2762	2.00	ng	# 49
49) Dimethylphthalate	10.27	163	21374	5.31	ng	96
62) Azobenzene	11.47	77	7922	2.24	ng	# 1

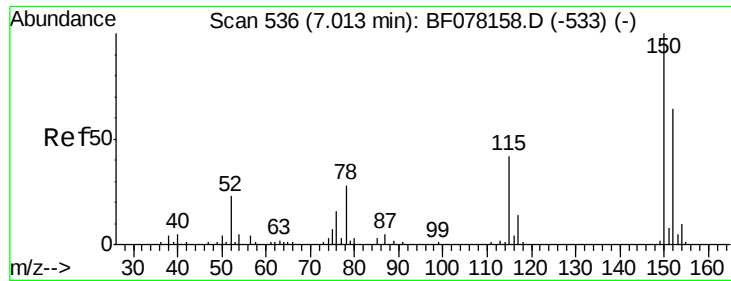
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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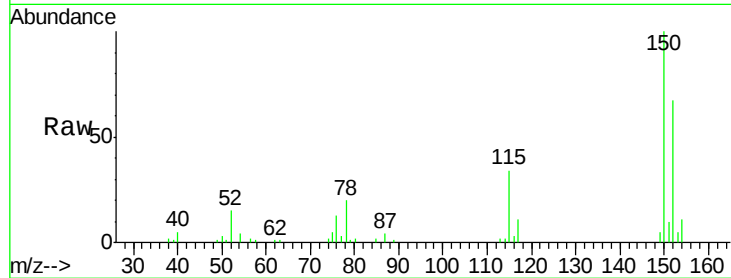


#1

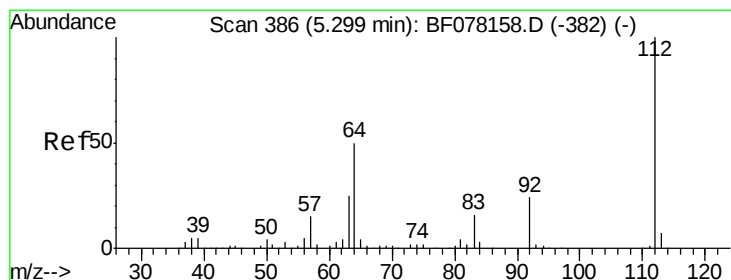
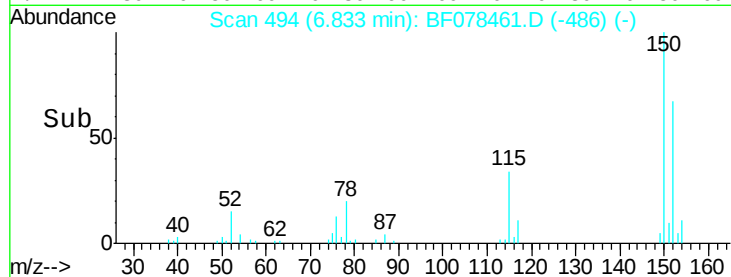
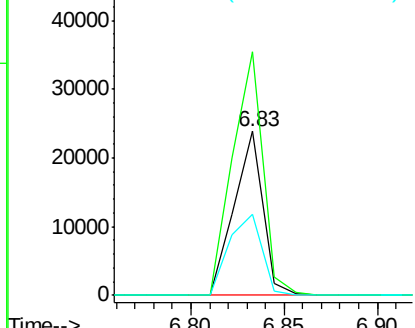
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BF078461.D
 Acq: 13 Apr 2015 15:42

Instrument :
 BNA_F
 ClientSampleId :
 DW-WW-110-4715

Tgt Ion:152 Resp: 25851
 Ion Ratio Lower Upper
 152 100
 150 148.6 125.9 188.9
 115 49.8 52.7 79.1#



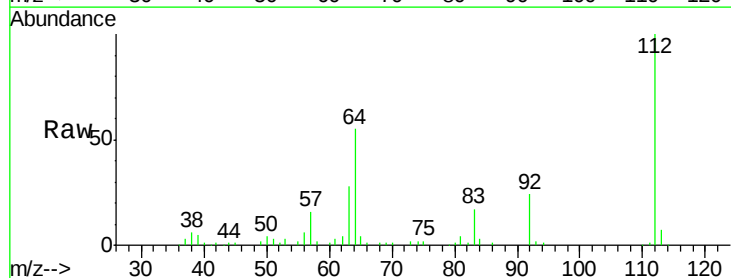
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



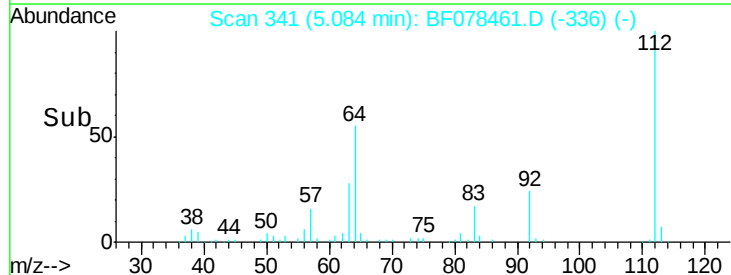
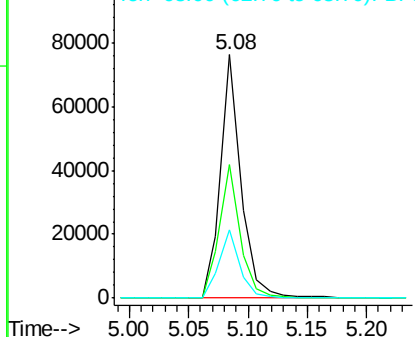
#5

2-Fluorophenol
 Concen: 58.29 ng
 RT: 5.08 min Scan# 341
 Delta R.T. -0.04 min
 Lab File: BF078461.D
 Acq: 13 Apr 2015 15:42

Tgt Ion:112 Resp: 91392
 Ion Ratio Lower Upper
 112 100
 64 55.0 39.9 59.9
 63 27.9 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.44 ng

RT: 6.43 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF078461.D

Acq: 13 Apr 2015 15:42

Instrument :

BNA_F

ClientSampleId :

DW-WW-110-4715

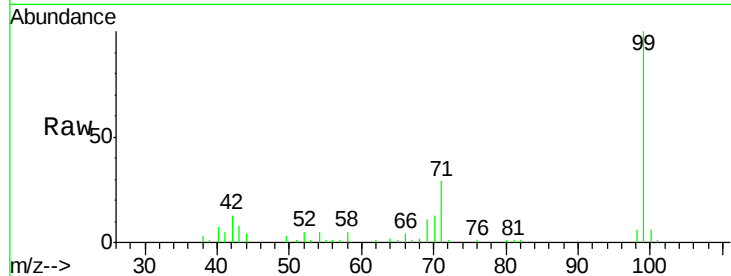
Tgt Ion: 99 Resp: 67666

Ion Ratio Lower Upper

99 100

42 13.4 14.8 22.2#

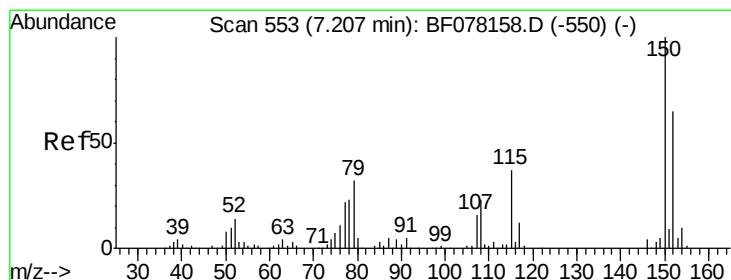
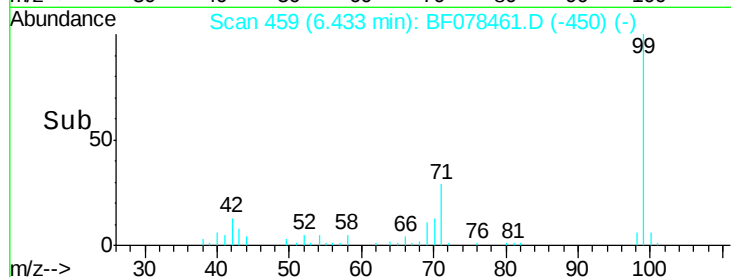
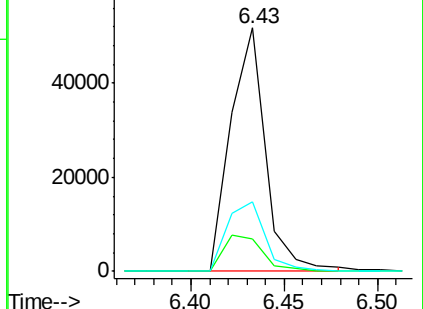
71 28.6 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 7.02 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF078461.D

Acq: 13 Apr 2015 15:42

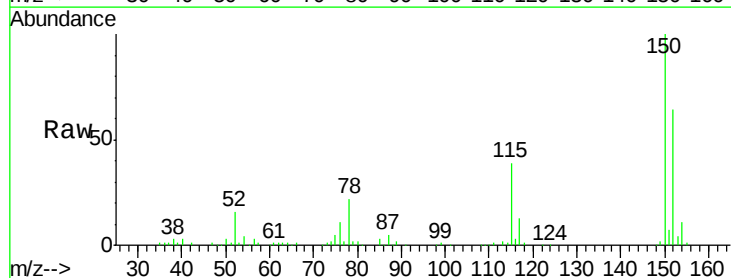
Tgt Ion: 79 Resp: 2762

Ion Ratio Lower Upper

79 100

108 31.1 57.6 86.4#

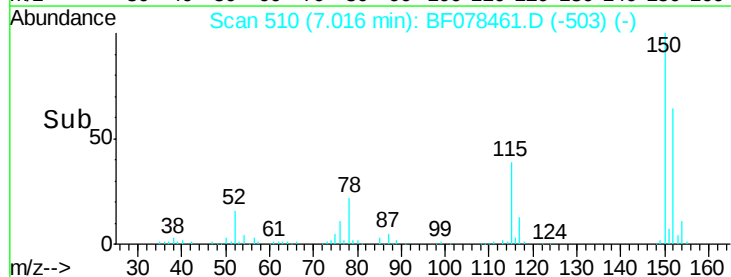
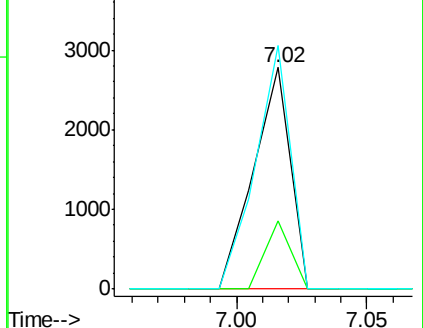
77 109.8 53.5 80.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF078461.D

Acq: 13 Apr 2015 15:42

Instrument :

BNA_F

ClientSampleId :

DW-WW-110-4715

Tgt Ion:136 Resp: 106160

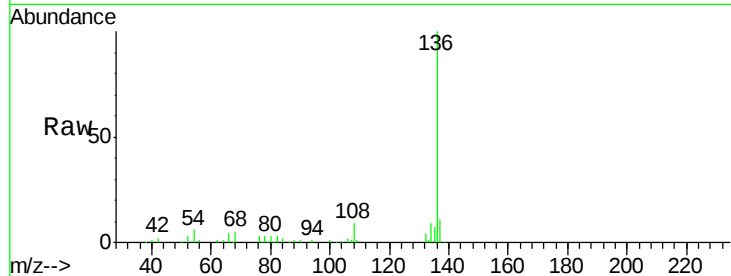
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 5.6 7.0 10.6#

68 4.7 5.4 8.2#

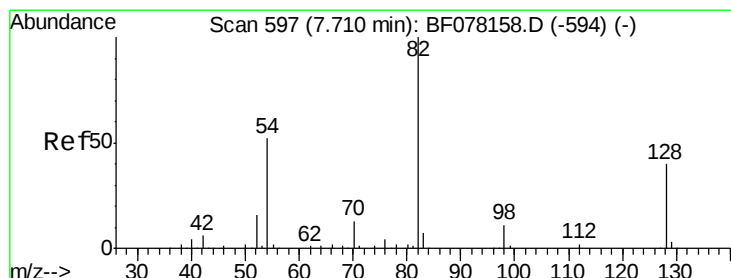
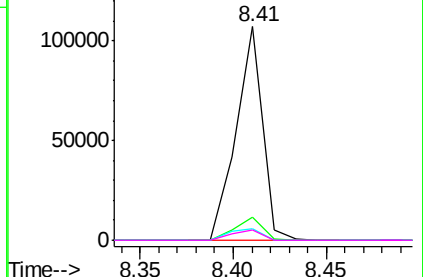
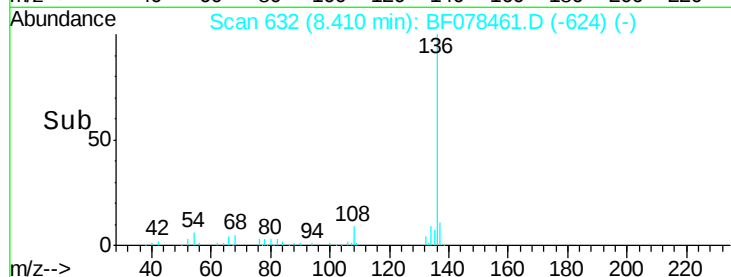


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 91.41 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF078461.D

Acq: 13 Apr 2015 15:42

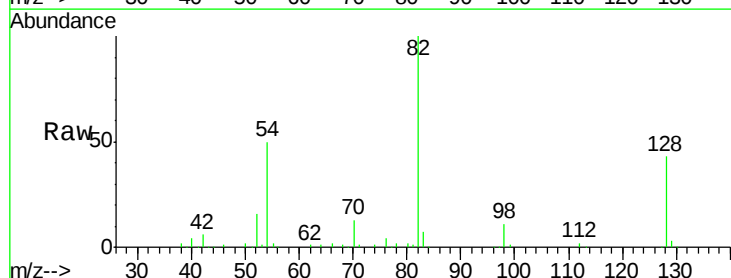
Tgt Ion: 82 Resp: 160099

Ion Ratio Lower Upper

82 100

128 42.5 31.8 47.8

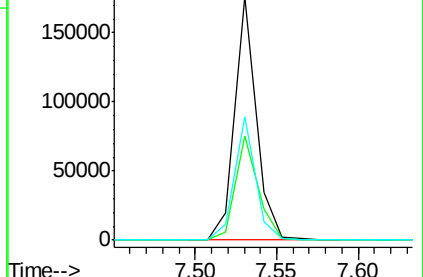
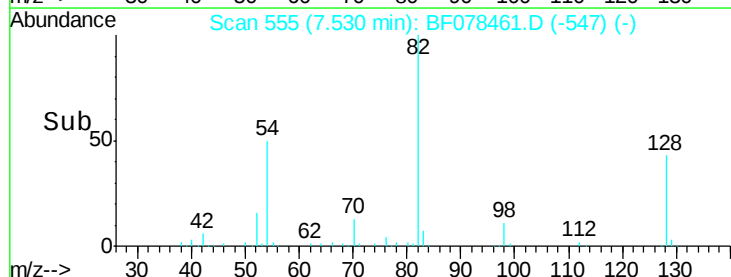
54 50.4 41.5 62.3

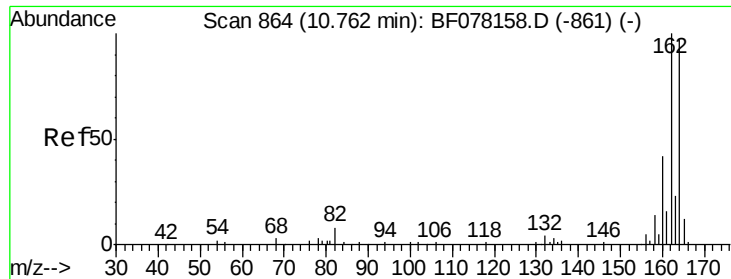


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

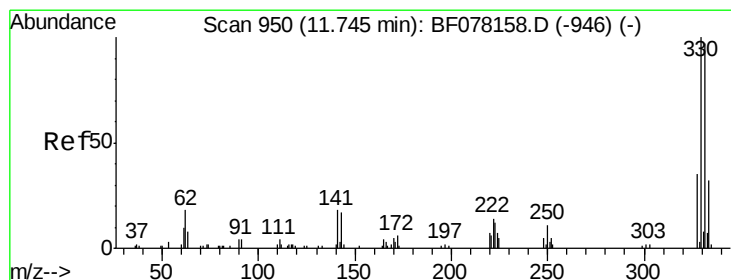
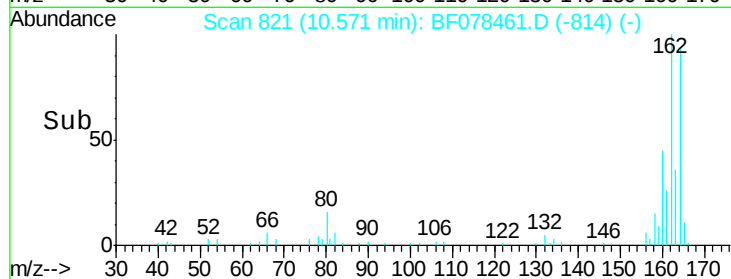
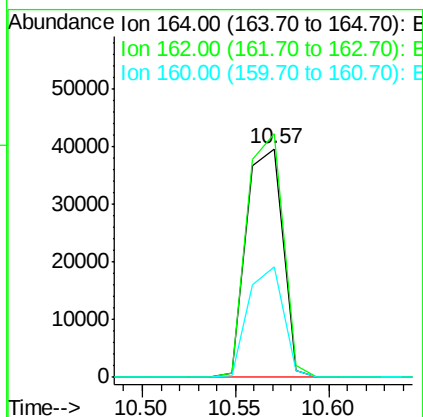
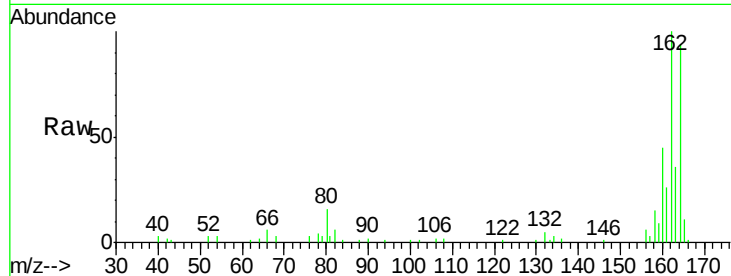




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.57 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF078461.D
 Acq: 13 Apr 2015 15:42

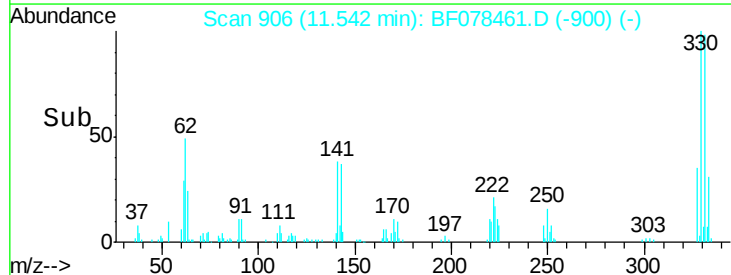
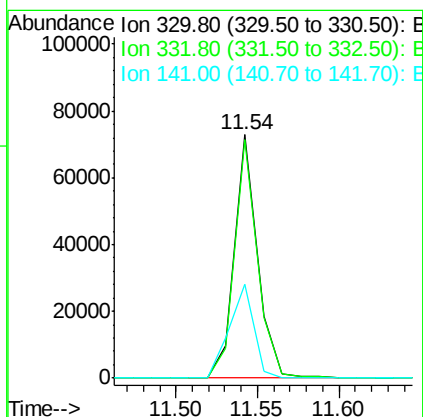
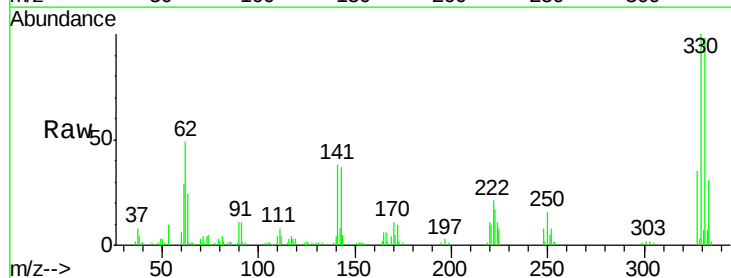
Instrument :
 BNA_F
 ClientSampleId :
 DW-WW-110-4715

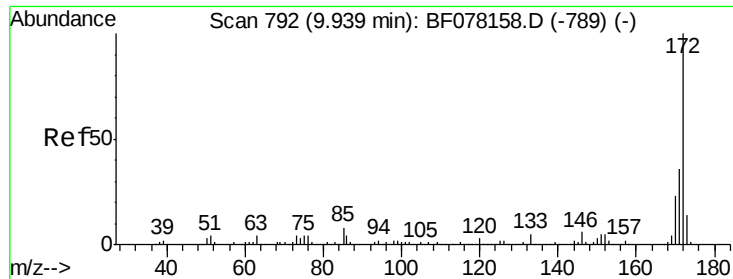
Tgt Ion:164 Resp: 53563
 Ion Ratio Lower Upper
 164 100
 162 106.6 82.2 123.2
 160 48.1 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 159.60 ng
 RT: 11.54 min Scan# 906
 Delta R.T. -0.03 min
 Lab File: BF078461.D
 Acq: 13 Apr 2015 15:42

Tgt Ion:330 Resp: 70900
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.6 117.8
 141 40.6 31.2 46.8

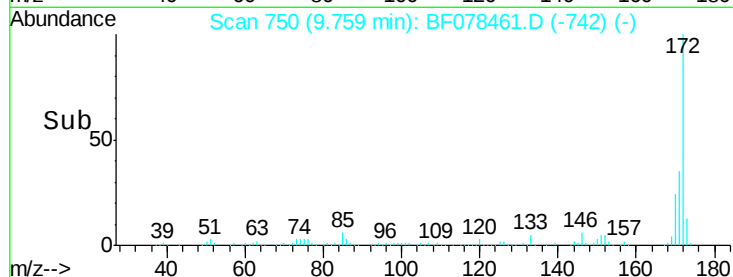
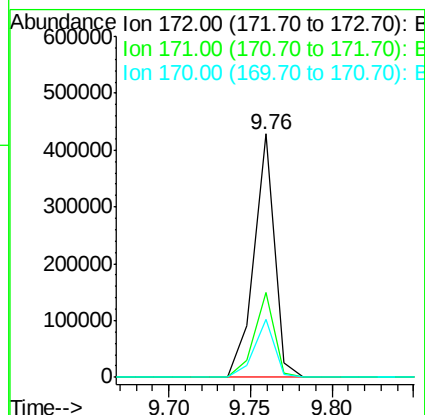
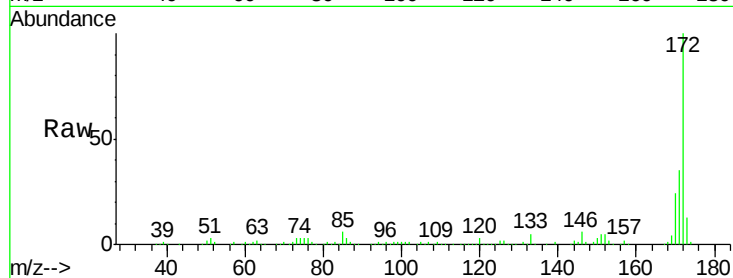




#44
2-Fluorobiphenyl
Concen: 100.32 ng
RT: 9.76 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF078461.D
Acq: 13 Apr 2015 15:42

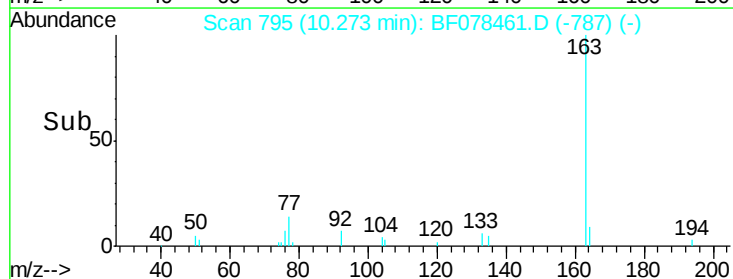
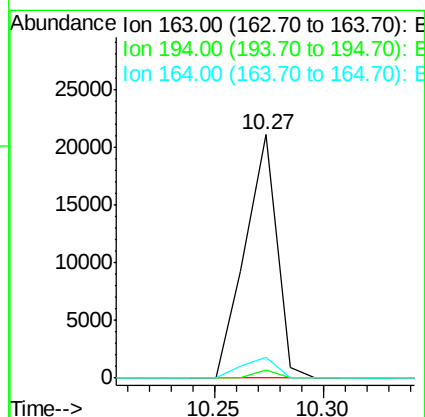
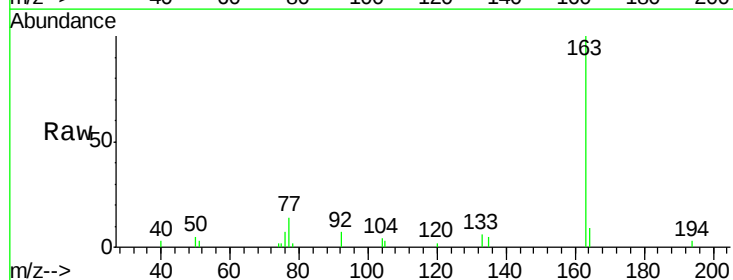
Instrument :
BNA_F
ClientSampleId :
DW-WW-110-4715

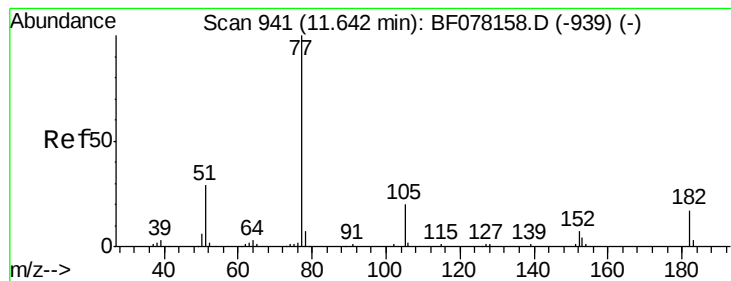
Tgt Ion:172 Resp: 375930
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.9 18.5 27.7



#49
Dimethylphthalate
Concen: 5.31 ng
RT: 10.27 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF078461.D
Acq: 13 Apr 2015 15:42

Tgt Ion:163 Resp: 21374
Ion Ratio Lower Upper
163 100
194 3.3 2.3 3.5
164 8.8 8.6 13.0





#62

Azobenzene

Concen: 2.24 ng

RT: 11.47 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF078461.D

Acq: 13 Apr 2015 15:42

Instrument :

BNA_F

ClientSampleId :

DW-WW-110-4715

Tgt Ion: 77 Resp: 7922

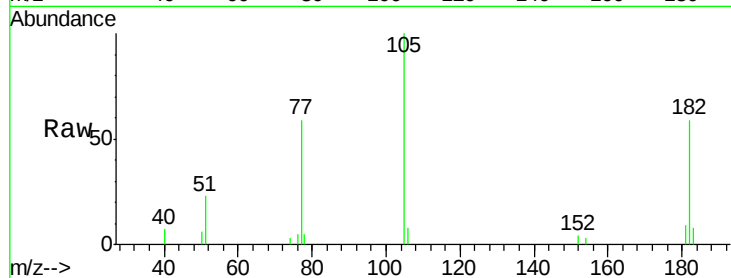
Ion Ratio Lower Upper

77 100

182 99.4 0.0 36.8#

105 168.5 0.3 40.3#

51 38.9 9.1 49.1

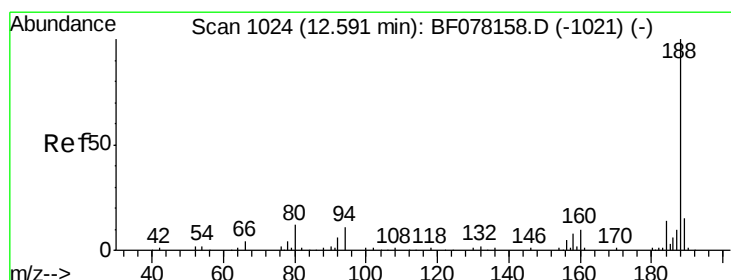
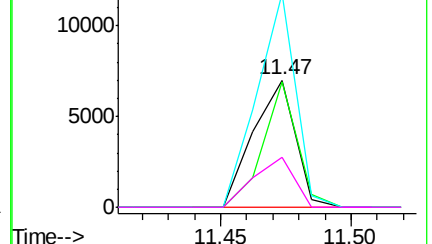
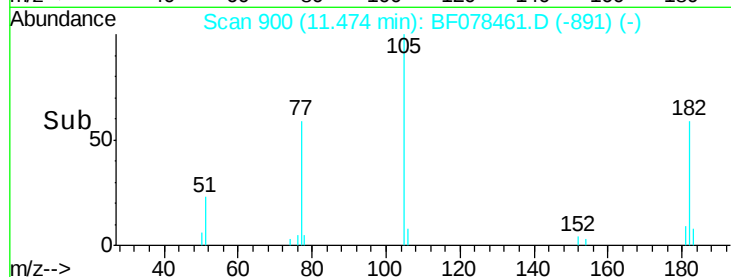


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.39 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF078461.D

Acq: 13 Apr 2015 15:42

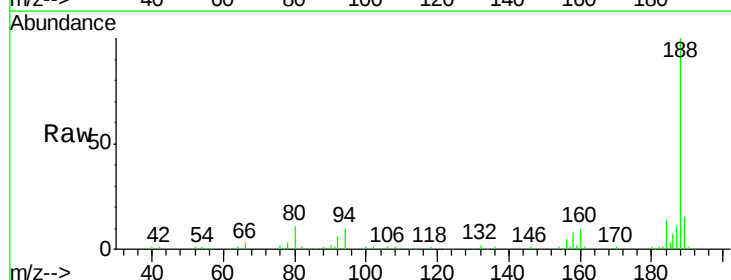
Tgt Ion: 188 Resp: 112954

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

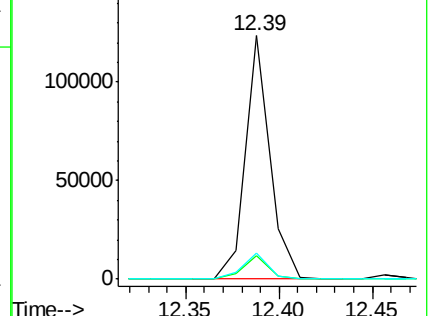
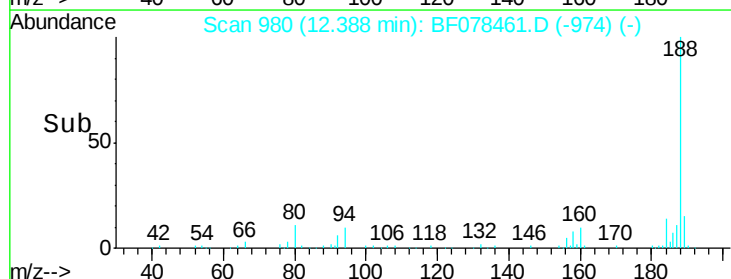
80 10.6 9.5 14.3

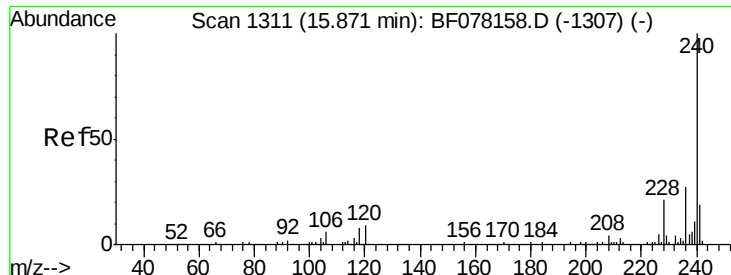


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

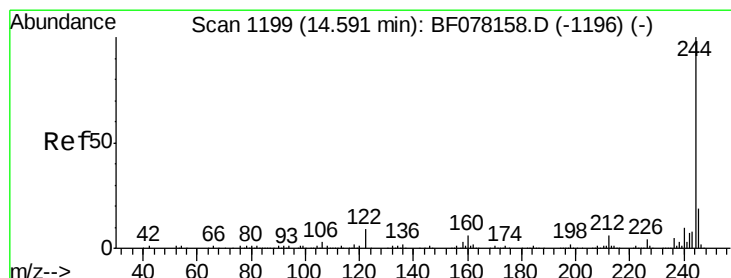
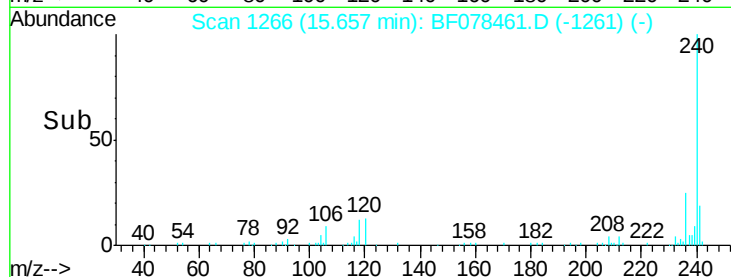
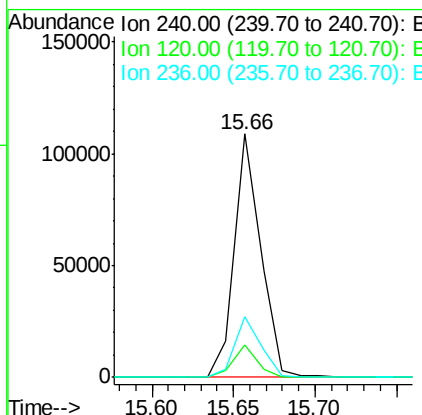
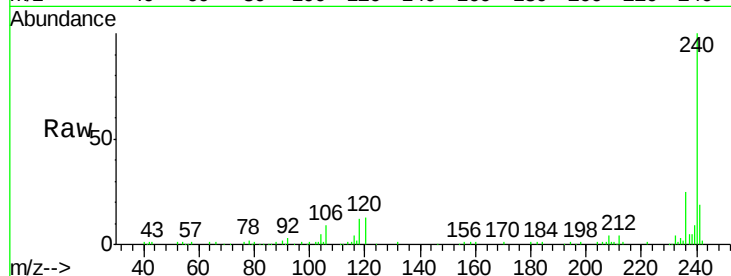




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.04 min
Lab File: BF078461.D
Acq: 13 Apr 2015 15:42

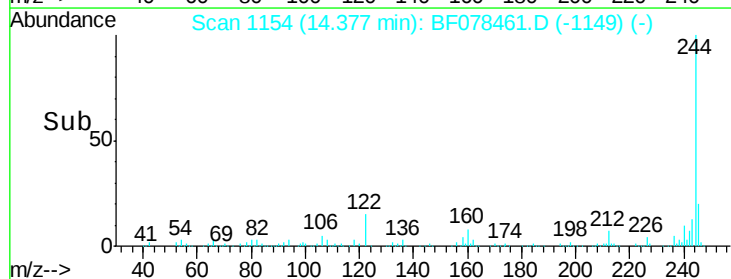
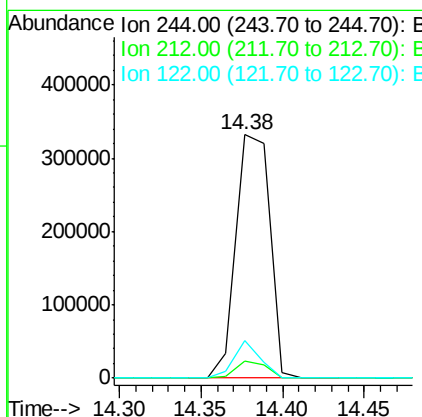
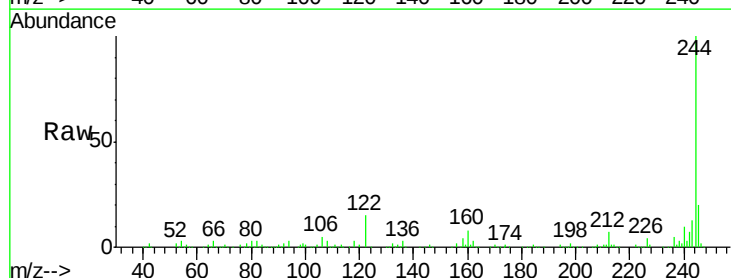
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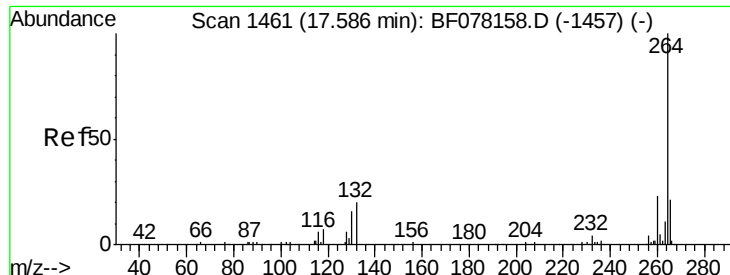
Tgt Ion: 240 Resp: 121708
Ion Ratio Lower Upper
240 100
120 13.2 7.1 10.7#
236 24.8 21.4 32.2



#78
Terphenyl-d14
Concen: 88.47 ng
RT: 14.38 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BF078461.D
Acq: 13 Apr 2015 15:42

Tgt Ion: 244 Resp: 476493
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 15.4 7.1 10.7#

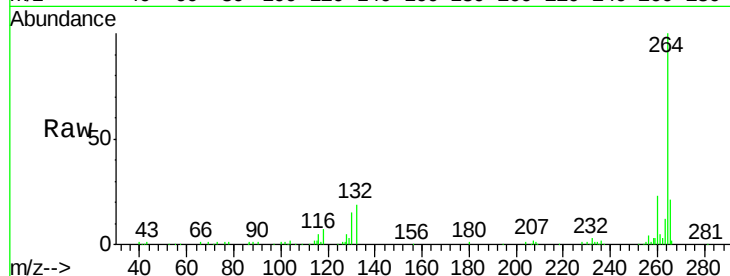




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.44 min Scan# 1422
Delta R.T. 0.03 min
Lab File: BF078461.D
Acq: 13 Apr 2015 15:42

Instrument :
BNA_F
ClientSampleId :
DW-WW-110-4715

Tgt Ion: 264 Resp: 116557
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 20.9 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

