

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
 Data File : BF078932.D
 Acq On : 5 May 2015 10:06
 Operator : TP/IZ
 Sample : G2035-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-D2

Quant Time: May 06 01:09:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 00:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	71108	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	289812	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	144267	20.00	ng	0.00
63) Phenanthrene-d10	12.96	188	274139	20.00	ng	0.00
75) Chrysene-d12	16.27	240	292650	20.00	ng	0.00
86) Perylene-d12	18.10	264	314283	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	440088	106.54	ng	0.01
7) Phenol-d6	6.90	99	561565	102.84	ng	0.00
23) Nitrobenzene-d5	8.04	82	329473	65.34	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	152501	97.71	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	536254	51.79	ng	0.00
78) Terphenyl-d14	14.96	244	621670	50.86	ng	0.01

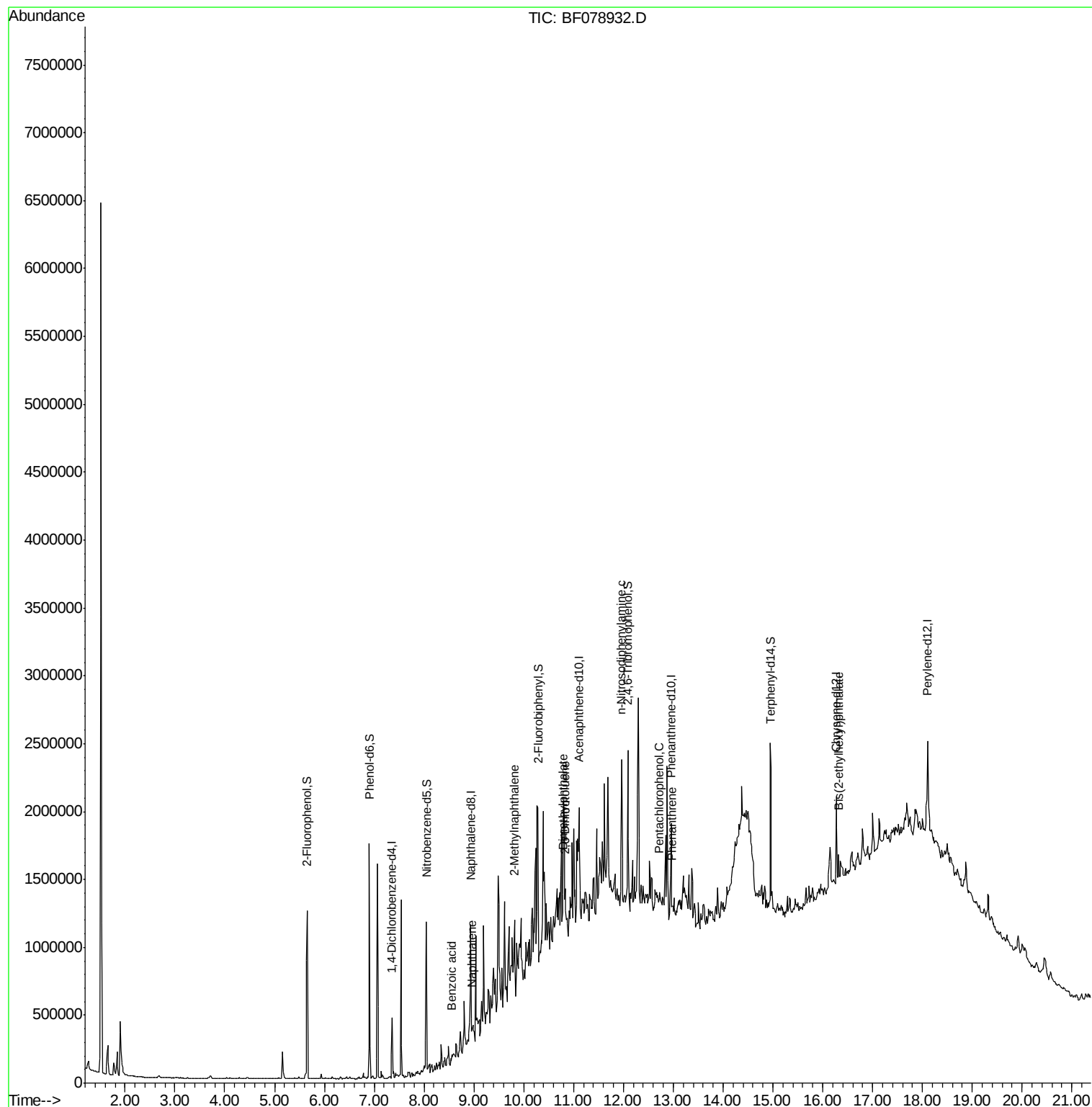
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.96	128	44958	3.26	ng	99
32) Benzoic acid	8.56	122	6154	8.37	ng	91
37) 2-Methylnaphthalene	9.82	142	50127	5.24	ng	98
49) Dimethylphthalate	10.79	163	32076	3.03	ng	# 86
50) 2,6-Dinitrotoluene	10.82	165	9793	4.69	ng	# 25
65) n-Nitrosodiphenylamine	11.97	169	19128	2.10	ng	# 78
69) Pentachlorophenol	12.72	266	565	7.11	ng	# 1
70) Phenanthrene	12.98	178	31756	2.07	ng	# 80
83) Bis(2-ethylhexyl)phthalate	16.32	149	62053	5.56	ng	99

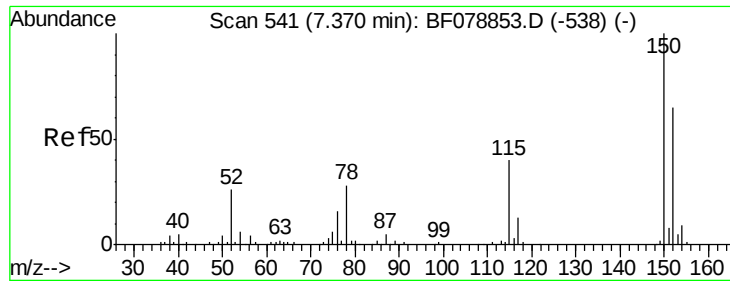
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
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Quant Time: May 06 01:09:16 2015
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QLast Update : Wed May 06 00:45:00 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF078932.D

Acq: 5 May 2015 10:06

Instrument :

BNA_F

ClientSampleId :

TP-2-D2

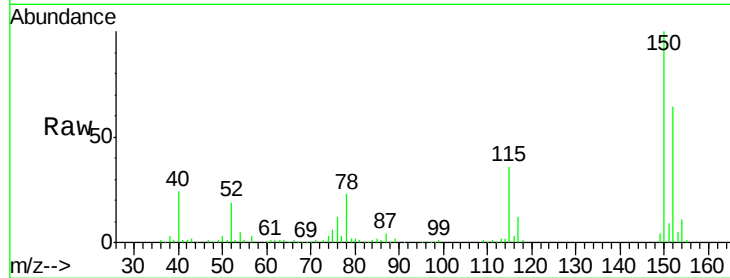
Tgt Ion:152 Resp: 71108

Ion Ratio Lower Upper

152 100

150 156.2 122.0 183.0

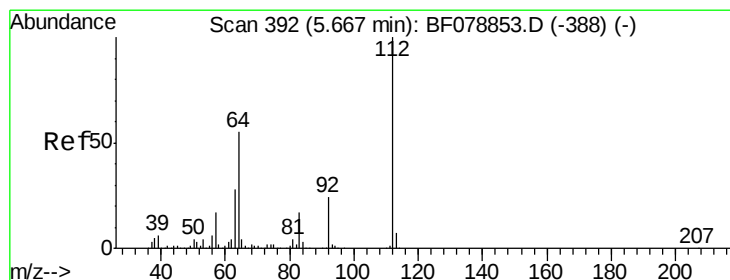
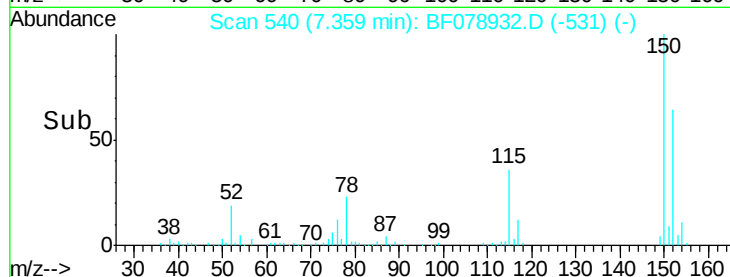
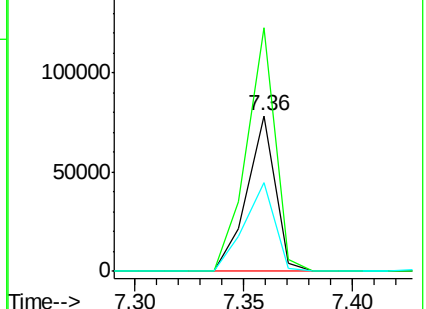
115 56.9 46.3 69.5



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: 106.54 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078932.D

Acq: 5 May 2015 10:06

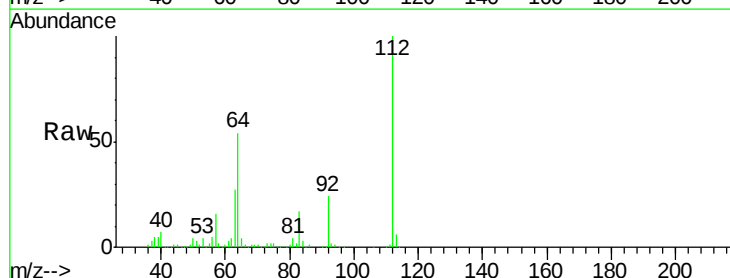
Tgt Ion:112 Resp: 440088

Ion Ratio Lower Upper

112 100

64 53.8 53.5 80.3

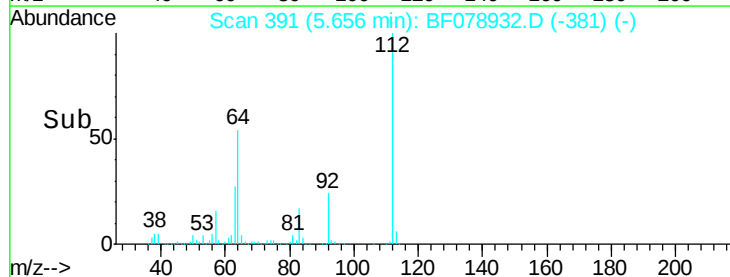
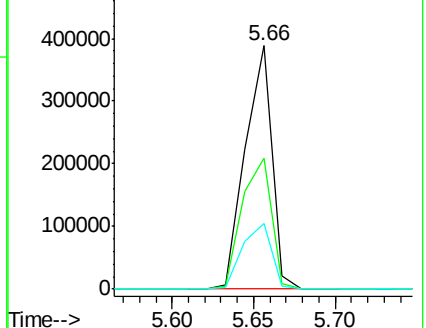
63 26.9 27.5 41.3#

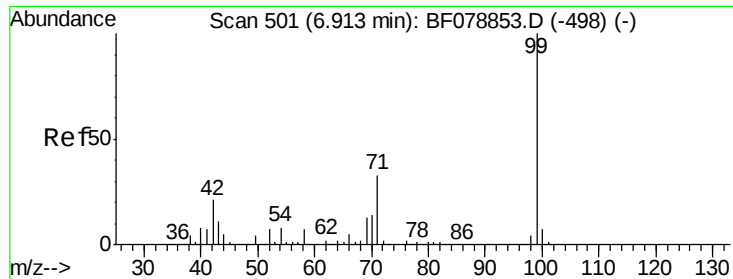


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.84 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078932.D

Acq: 5 May 2015 10:06

Instrument :

BNA_F

ClientSampleId :

TP-2-D2

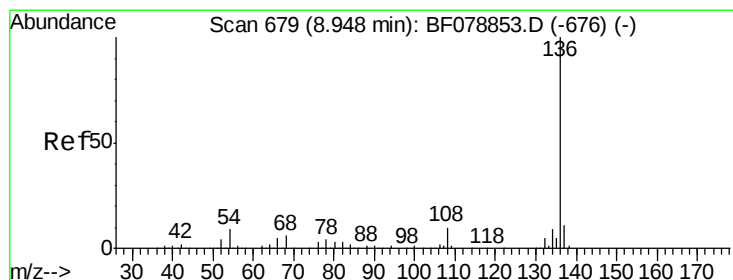
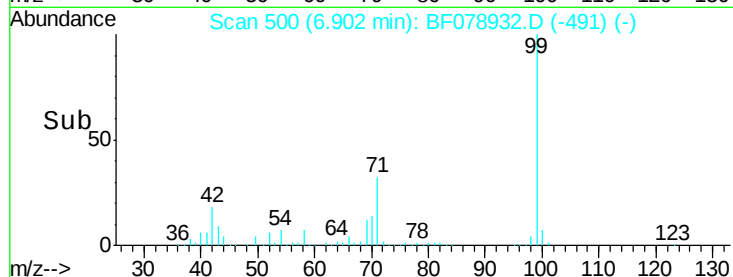
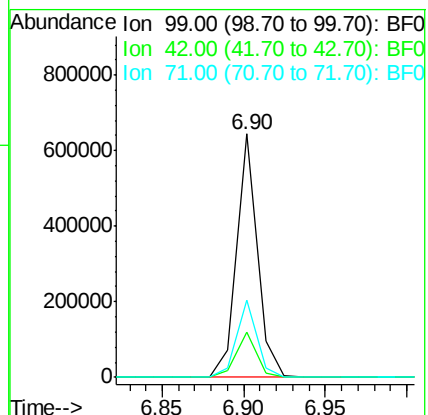
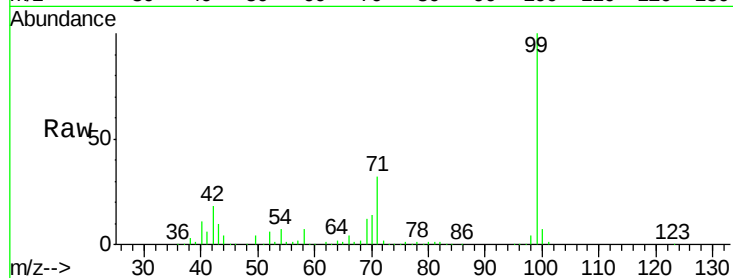
Tgt Ion: 99 Resp: 561565

Ion Ratio Lower Upper

99 100

42 18.5 12.8 19.2

71 31.6 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.94 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF078932.D

Acq: 5 May 2015 10:06

Tgt Ion: 136 Resp: 289812

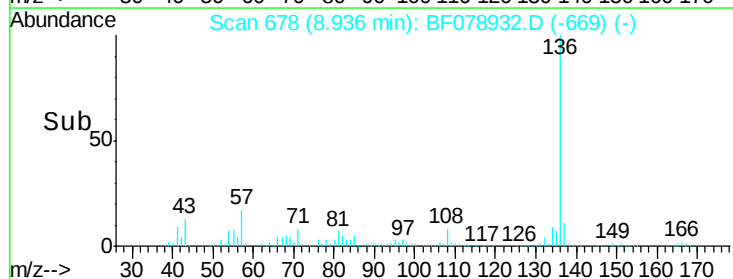
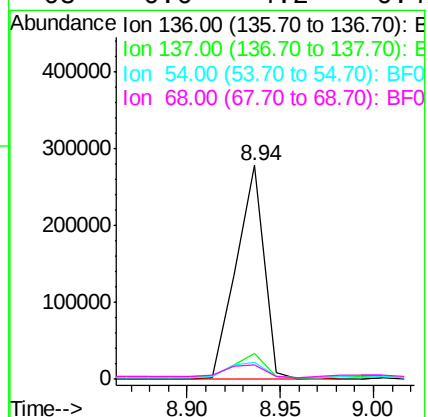
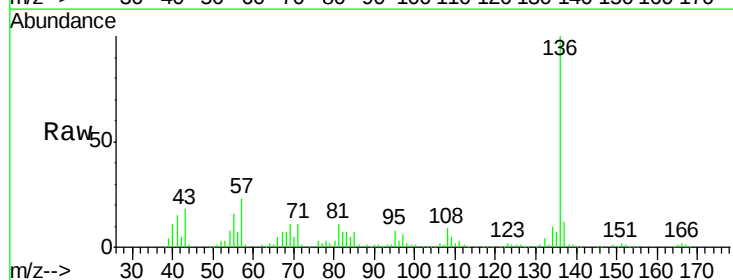
Ion Ratio Lower Upper

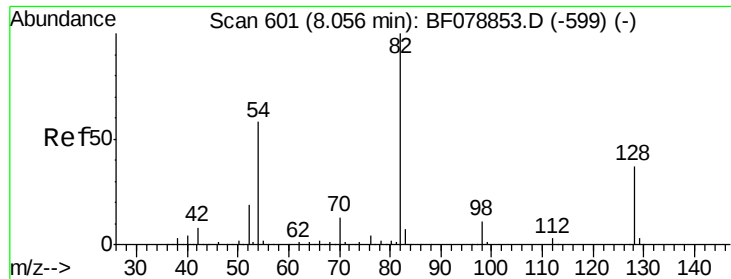
136 100

137 11.8 8.7 13.1

54 7.8 5.8 8.8

68 6.6 4.2 6.4#

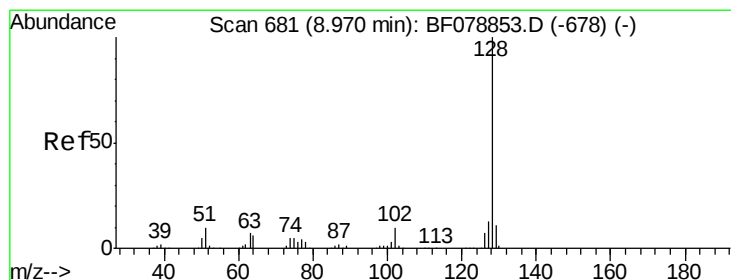
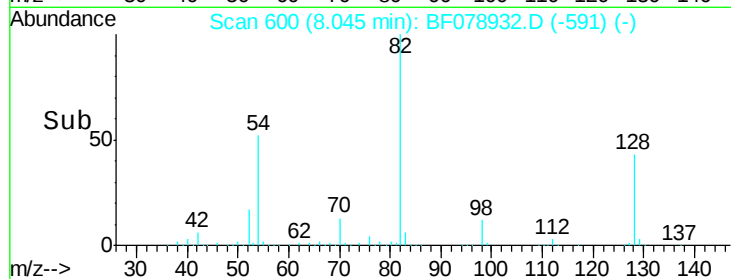
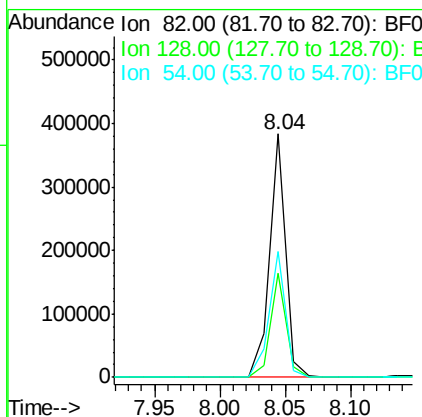
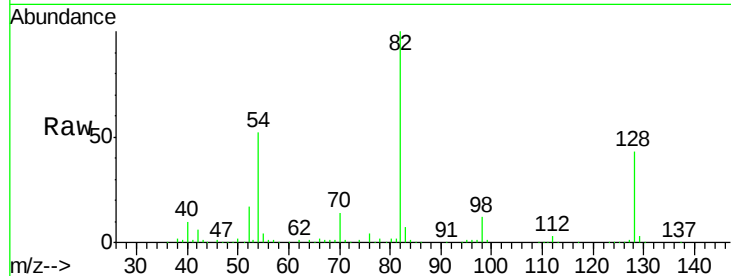




#23
 Nitrobenzene-d5
 Concen: 65.34 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078932.D
 Acq: 5 May 2015 10:06

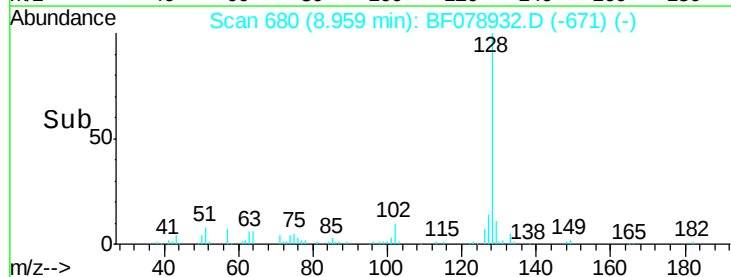
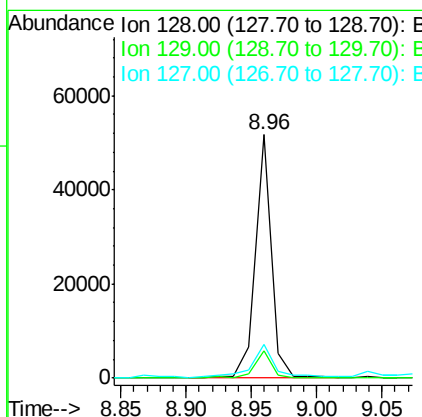
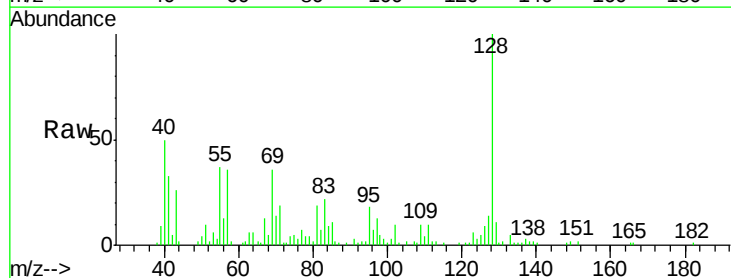
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-D2

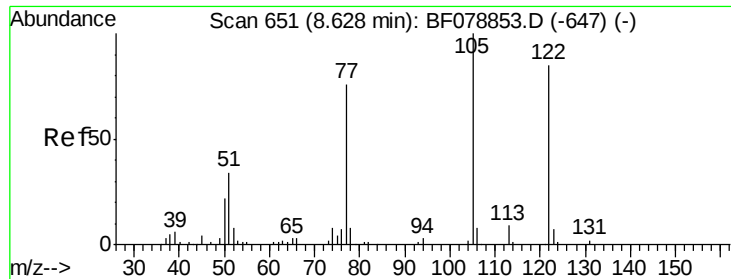
Tgt Ion: 82 Resp: 329473
 Ion Ratio Lower Upper
 82 100
 128 43.0 30.0 45.0
 54 51.9 46.4 69.6



#31
 Naphthalene
 Concen: 3.26 ng
 RT: 8.96 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF078932.D
 Acq: 5 May 2015 10:06

Tgt Ion: 128 Resp: 44958
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.3 13.9
 127 13.9 10.7 16.1

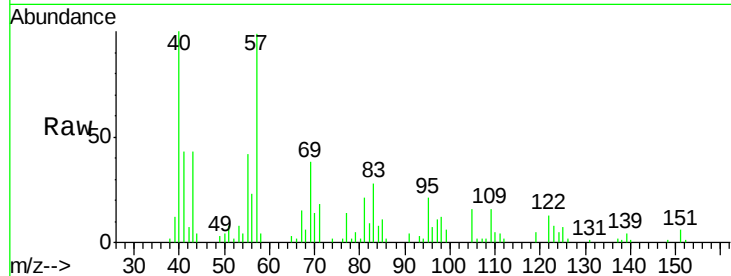




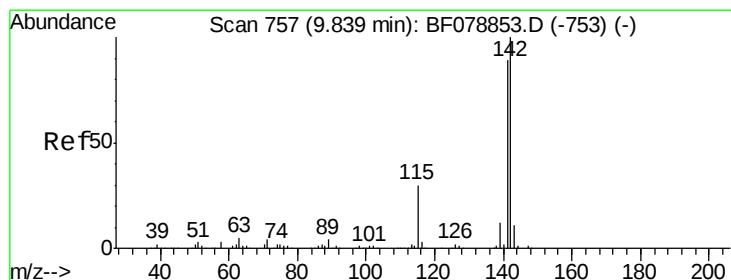
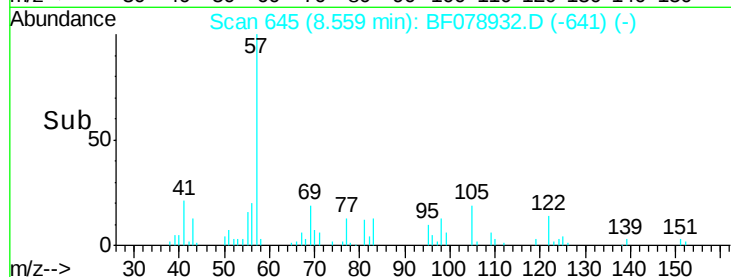
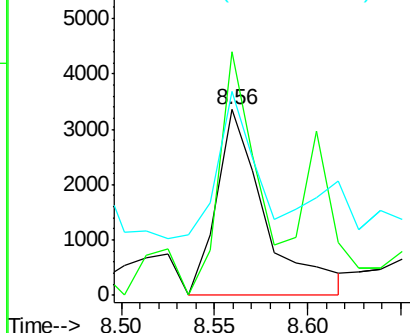
#32
Benzoic acid
Concen: 8.37 ng
RT: 8.56 min Scan# 645
Delta R.T. -0.06 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
TP-2-D2

Tgt Ion:122 Resp: 6154
Ion Ratio Lower Upper
122 100
105 131.0 107.1 147.1
77 109.8 73.9 113.9

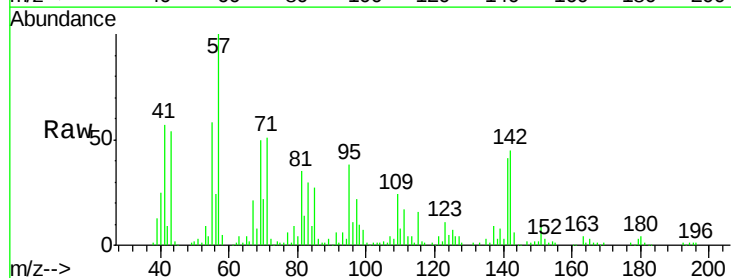


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E

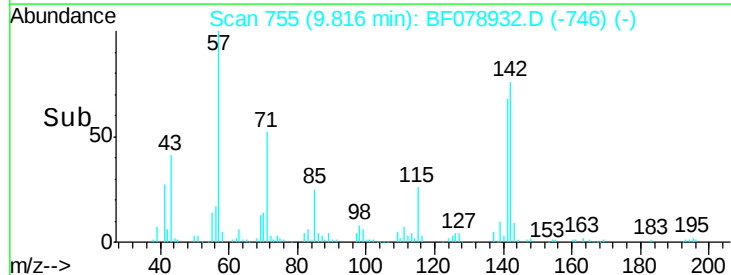
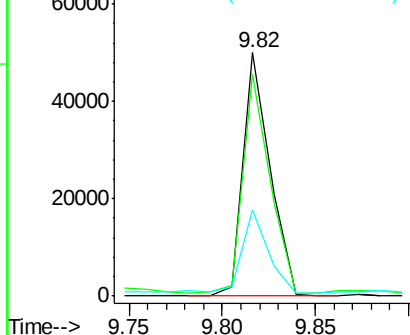


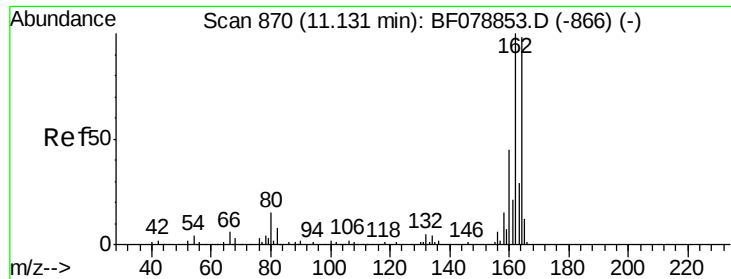
#37
2-Methylnaphthalene
Concen: 5.24 ng
RT: 9.82 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Tgt Ion:142 Resp: 50127
Ion Ratio Lower Upper
142 100
141 90.9 70.9 106.3
115 35.6 28.5 42.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

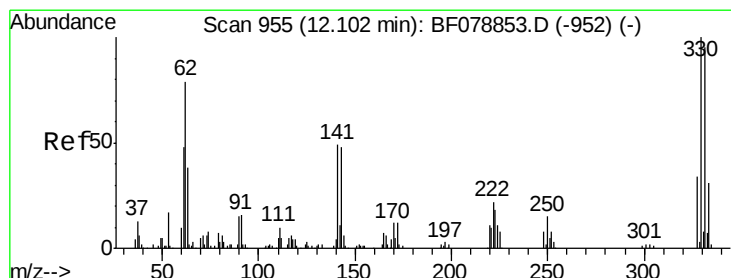
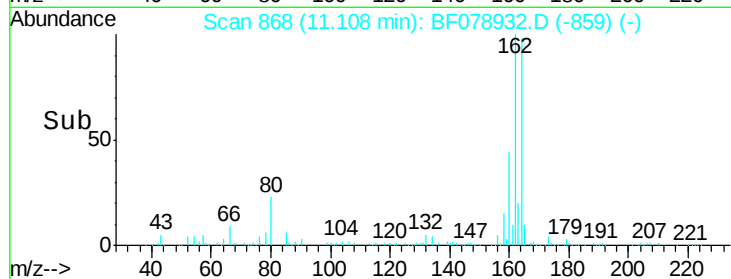
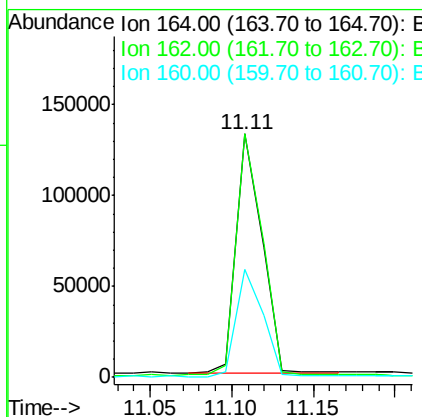
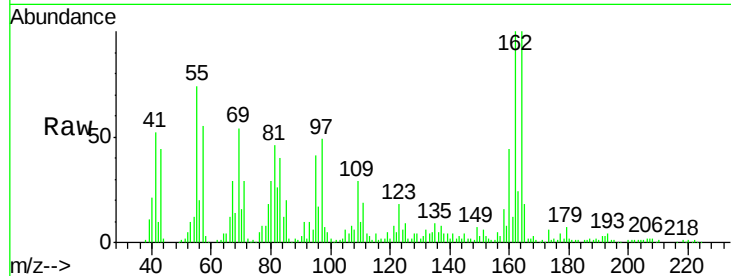




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

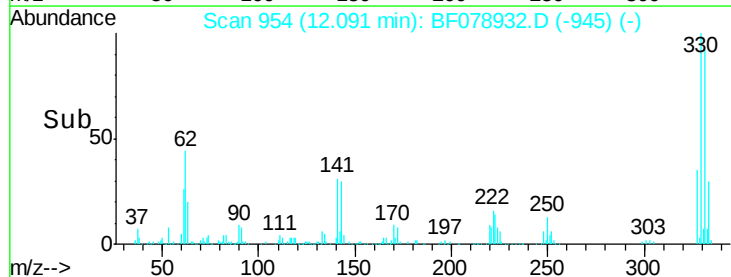
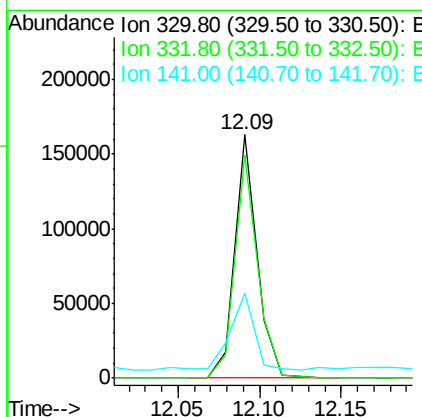
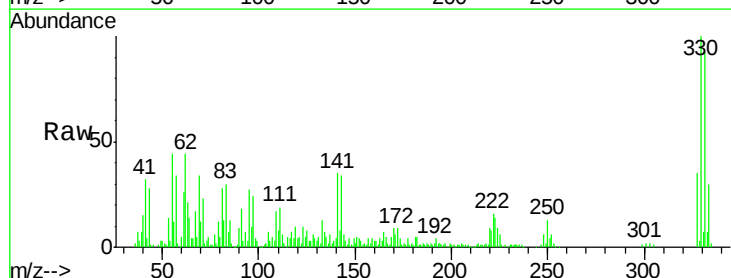
Instrument :
BNA_F
ClientSampleId :
TP-2-D2

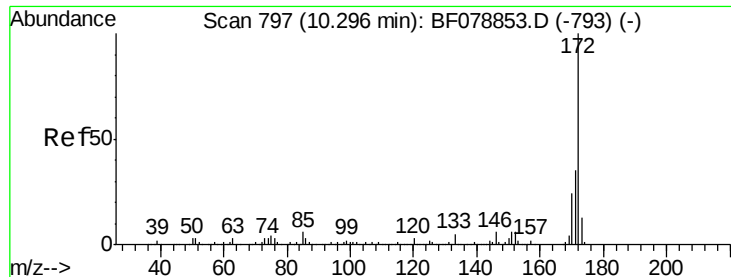
Tgt Ion:164 Resp: 144267
Ion Ratio Lower Upper
164 100
162 100.0 82.7 124.1
160 44.2 35.8 53.8



#41
2,4,6-Tribromophenol
Concen: 97.71 ng
RT: 12.09 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Tgt Ion:330 Resp: 152501
Ion Ratio Lower Upper
330 100
332 93.8 0.0 0.0#
141 35.0 0.0 0.0#

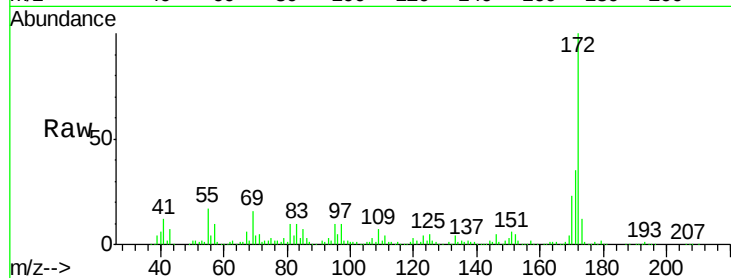




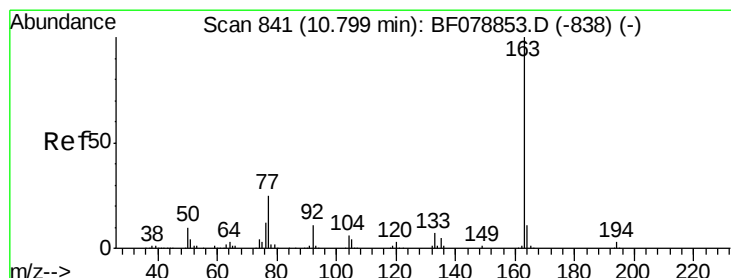
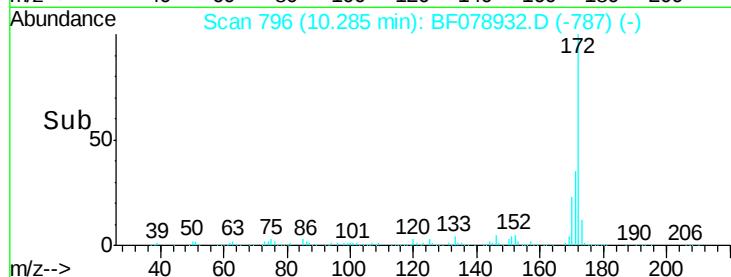
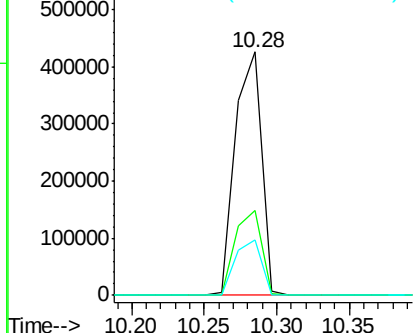
#44
2-Fluorobiphenyl
Concen: 51.79 ng
RT: 10.28 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
TP-2-D2

Tgt Ion:172 Resp: 536254
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 22.8 19.4 29.0

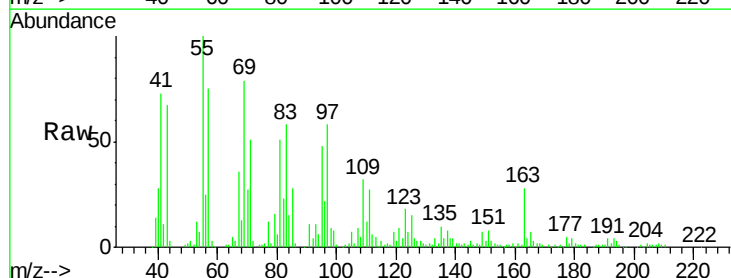


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

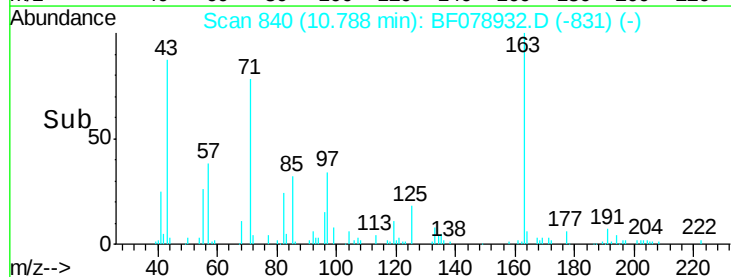
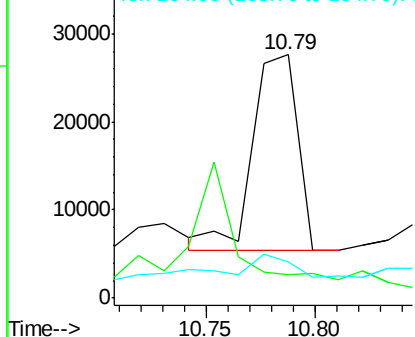


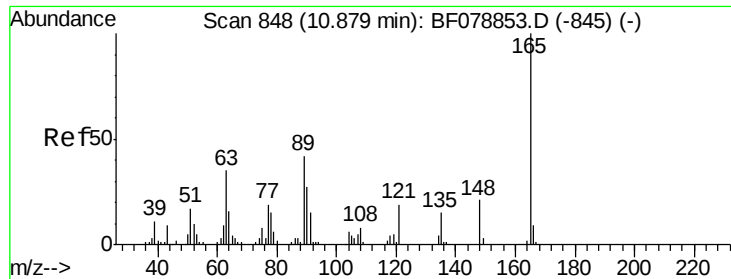
#49
Dimethylphthalate
Concen: 3.03 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Tgt Ion:163 Resp: 32076
Ion Ratio Lower Upper
163 100
194 9.7 2.6 4.0#
164 14.8 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

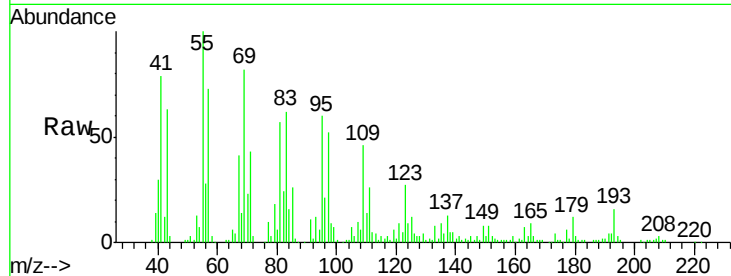




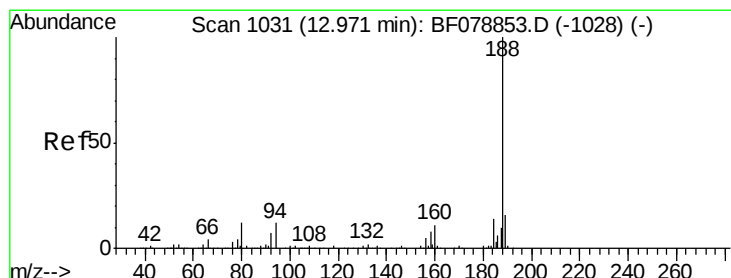
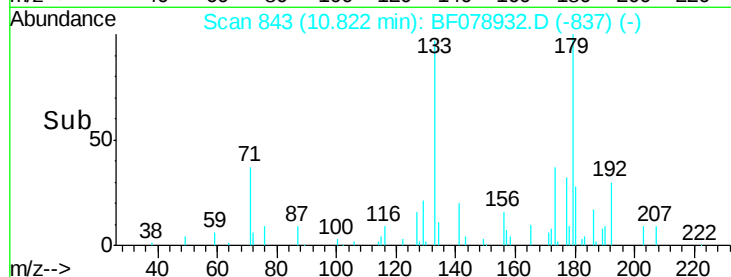
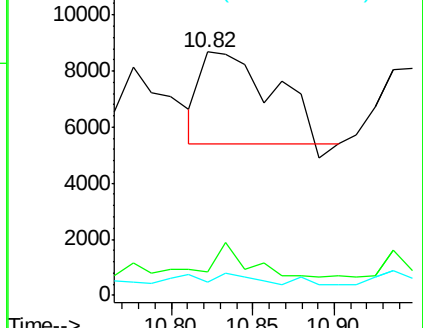
#50
 2,6-Dinitrotoluene
 Concen: 4.69 ng
 RT: 10.82 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BF078932.D
 Acq: 5 May 2015 10:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-D2

Tgt Ion:165 Resp: 9793
 Ion Ratio Lower Upper
 165 100
 63 9.8 54.4 81.6#
 89 5.3 55.7 83.5#

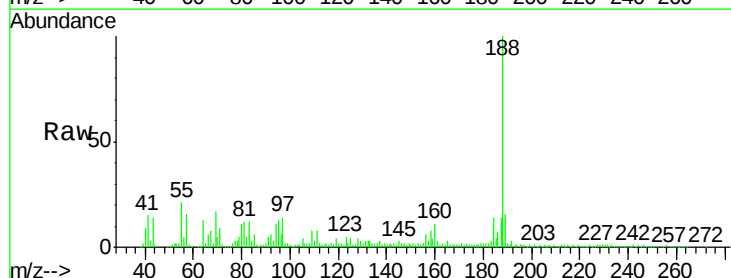


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

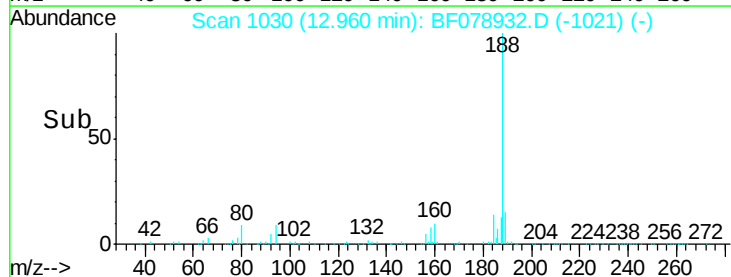
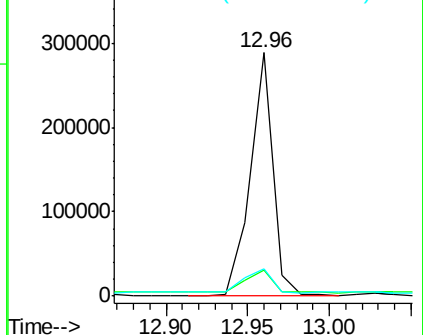


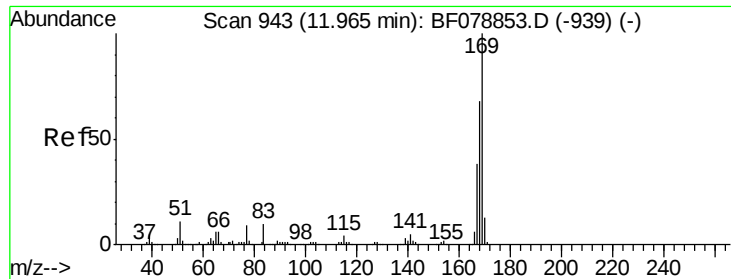
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.96 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF078932.D
 Acq: 5 May 2015 10:06

Tgt Ion:188 Resp: 274139
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.2 12.2
 80 11.0 8.9 13.3



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

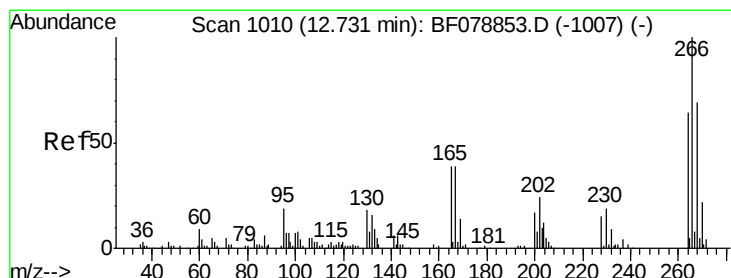
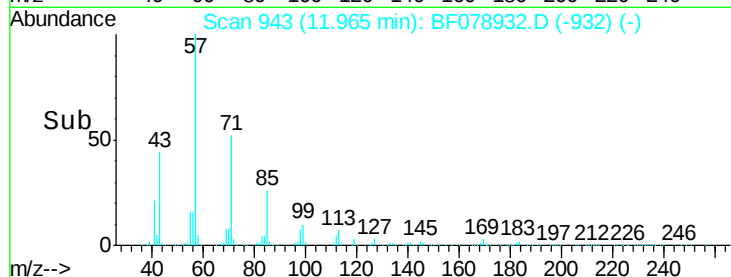
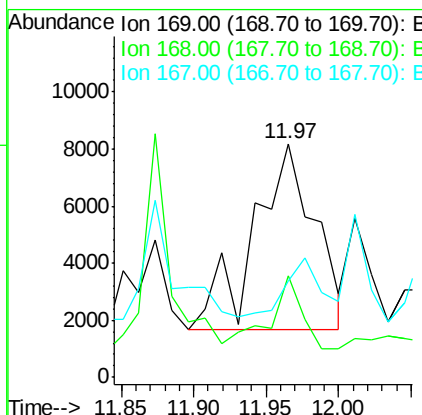
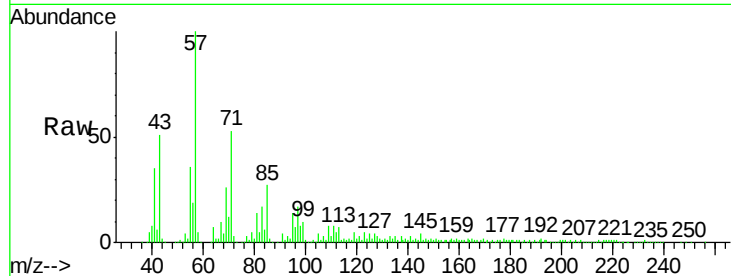




#65
 n-Nitrosodiphenylamine
 Concen: 2.10 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.02 min
 Lab File: BF078932.D
 Acq: 5 May 2015 10:06

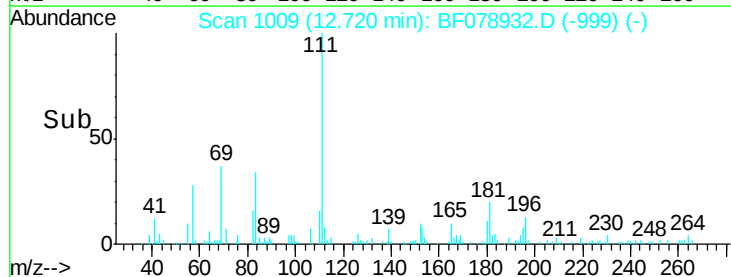
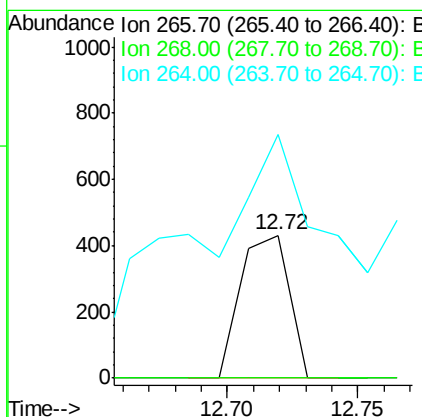
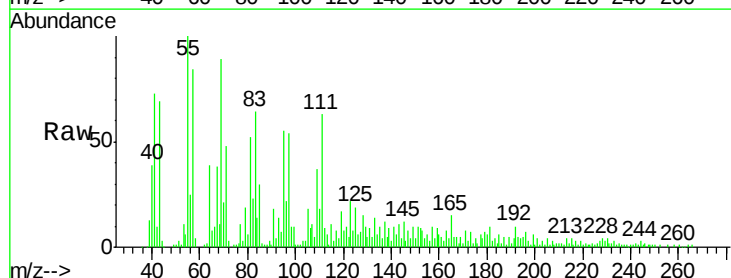
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-D2

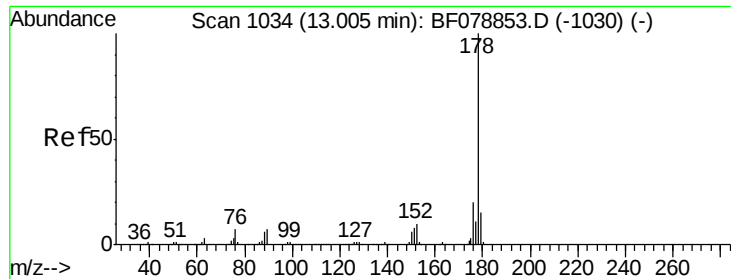
Tgt Ion:169 Resp: 19128
 Ion Ratio Lower Upper
 169 100
 168 43.1 54.6 82.0#
 167 41.0 30.6 45.8



#69
 Pentachlorophenol
 Concen: 7.11 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF078932.D
 Acq: 5 May 2015 10:06

Tgt Ion:266 Resp: 565
 Ion Ratio Lower Upper
 266 100
 268 0.0 55.0 82.6#
 264 170.5 48.2 72.2#





#70

Phenanthrene

Concen: 2.07 ng

RT: 12.98 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF078932.D

Acq: 5 May 2015 10:06

Instrument :

BNA_F

ClientSampleId :

TP-2-D2

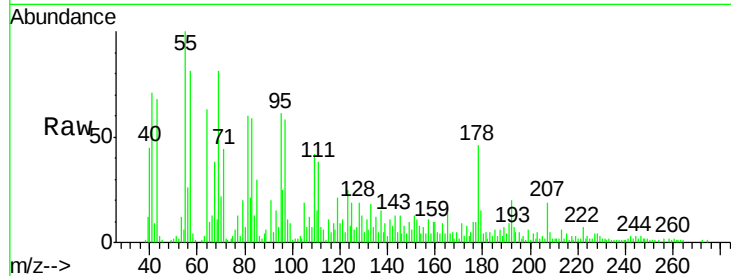
Tgt Ion:178 Resp: 31756

Ion Ratio Lower Upper

178 100

176 21.0 15.8 23.8

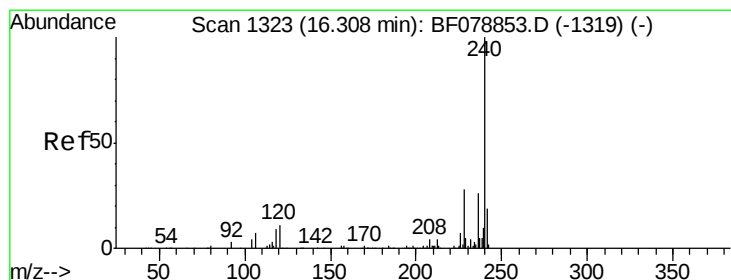
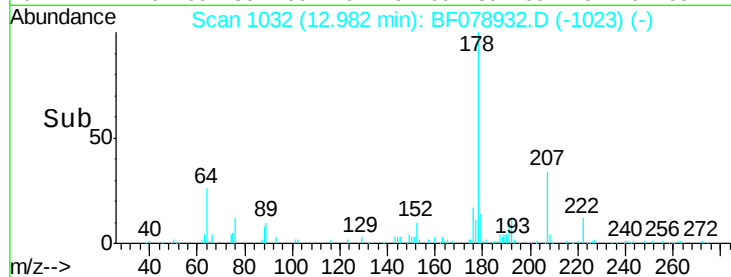
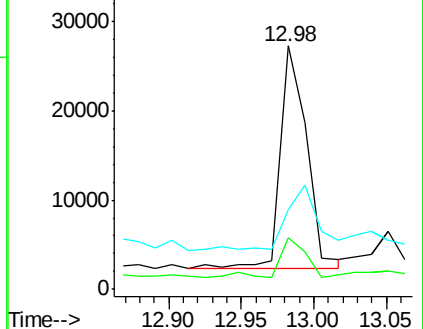
179 32.9 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.27 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF078932.D

Acq: 5 May 2015 10:06

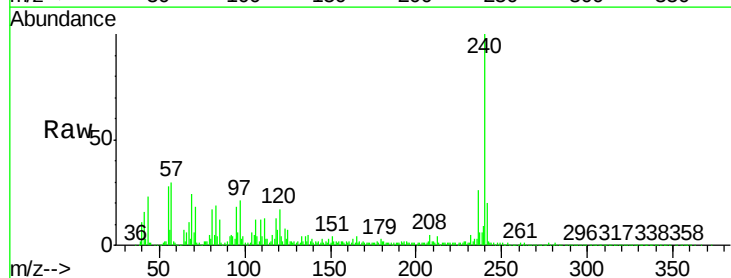
Tgt Ion:240 Resp: 292650

Ion Ratio Lower Upper

240 100

120 16.9 9.7 14.5#

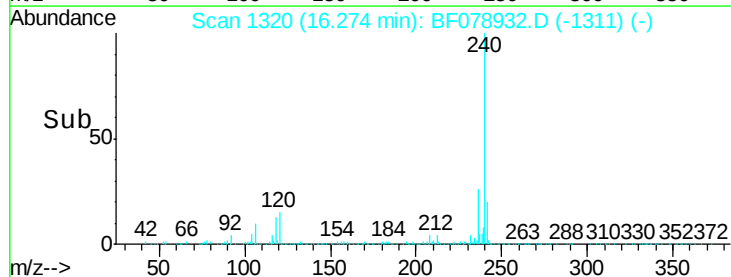
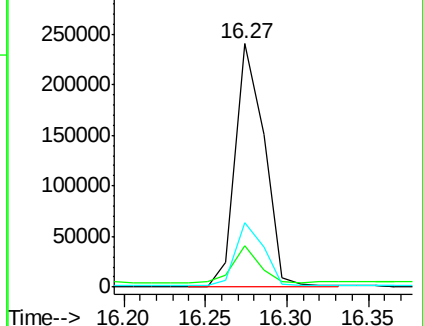
236 26.3 20.2 30.4

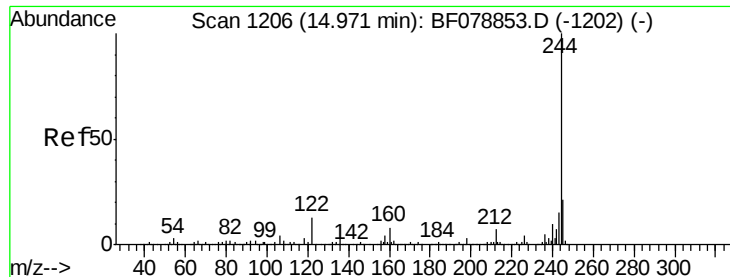


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 50.86 ng

RT: 14.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF078932.D

Acq: 5 May 2015 10:06

Instrument :

BNA_F

ClientSampleId :

TP-2-D2

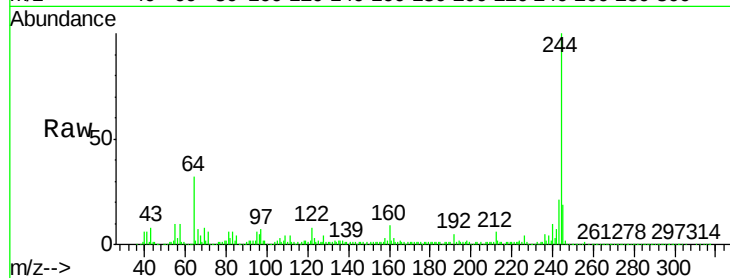
Tgt Ion:244 Resp: 621670

Ion Ratio Lower Upper

244 100

212 5.9 5.6 8.4

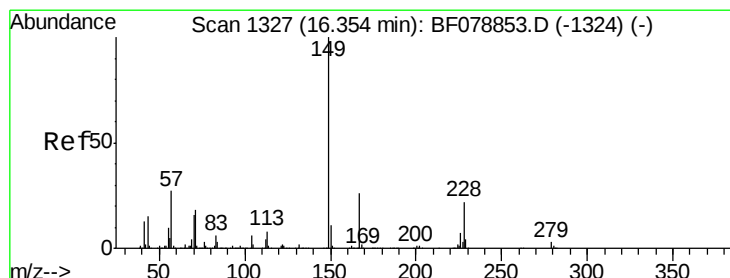
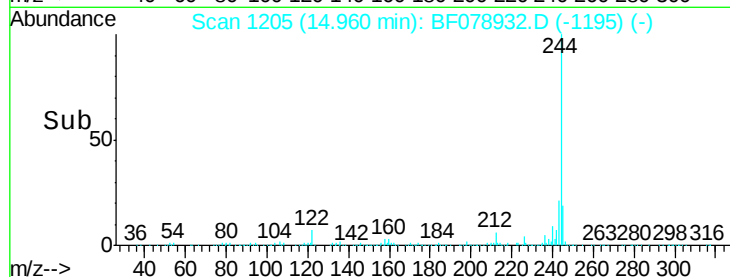
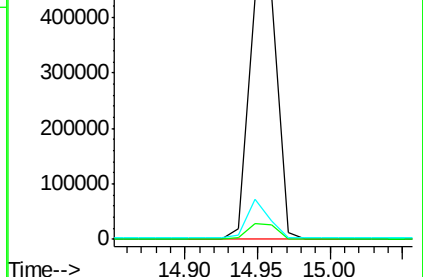
122 7.7 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.56 ng

RT: 16.32 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF078932.D

Acq: 5 May 2015 10:06

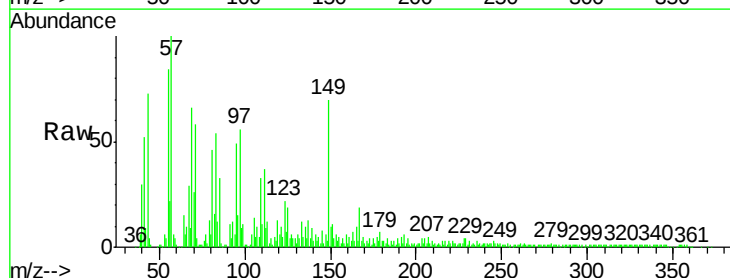
Tgt Ion:149 Resp: 62053

Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

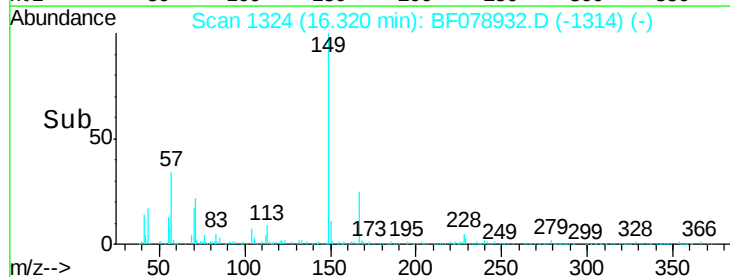
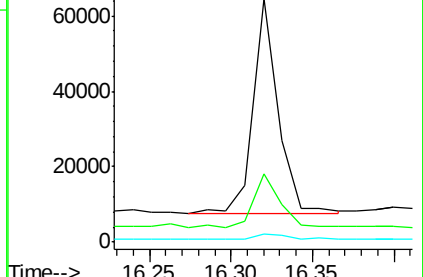
279 3.1 2.9 4.3

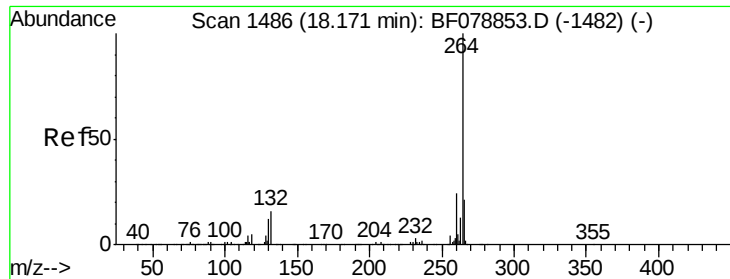


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

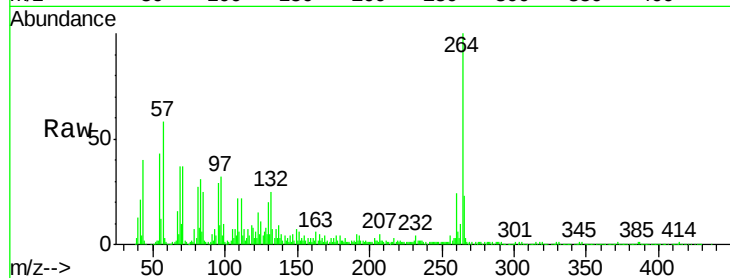




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.10 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 264 Resp: 314283
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 22.6 18.3 27.5



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

