

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
 Data File : BF078355.D
 Acq On : 9 Apr 2015 1:19
 Operator : TP/IZ
 Sample : G1783-02RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-1

Quant Time: Apr 09 02:17:39 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 00:49:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	35840	20.00	ng	0.01
21) Naphthalene-d8	8.50	136	126556	20.00	ng	0.01
38) Acenaphthene-d10	10.67	164	40308	20.00	ng	0.02
63) Phenanthrene-d10	12.51	188	112623	20.00	ng	0.03
75) Chrysene-d12	15.77	240	144872	20.00	ng	0.00
86) Perylene-d12	17.51	264	140522	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	167042	76.85	ng	0.02
7) Phenol-d6	6.52	99	226109	83.00	ng	0.01
23) Nitrobenzene-d5	7.62	82	209719	100.44	ng	0.01
41) 2,4,6-Tribromophenol	11.65	330	34725	103.87	ng	0.02
44) 2-Fluorobiphenyl	9.86	172	264282	93.72	ng	0.02
78) Terphenyl-d14	14.50	244	315901	49.27	ng	0.02

Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	18686	10.35	ng	# 1
10) Phenol	6.53	94	9375	2.87	ng	# 1
15) Benzyl Alcohol	7.10	79	13860	7.24	ng	# 52
17) 2-Methylphenol	7.28	107	5329	2.67	ng	# 1
18) Hexachloroethane	7.52	117	32139	33.53	ng	# 1
19) n-Nitroso-di-n-propylamine	7.48	70	11221	6.24	ng	# 75
22) Acetophenone	7.41	105	373762	126.75	ng	# 63
24) Nitrobenzene	7.60	77	65121	29.83	ng	# 19
25) Isophorone	7.92	82	111507	28.14	ng	# 1
26) 2-Nitrophenol	8.06	139	11708	11.26	ng	# 1
28) bis(2-Chloroethoxy)methane	8.24	93	18124	7.13	ng	# 1
29) 2,4-Dichlorophenol	8.33	162	14651	8.33	ng	# 1
31) Naphthalene	8.52	128	490916	74.53	ng	# 98
32) Benzoic acid	8.25	122	10132	15.59	ng	# 1
35) Caprolactam	9.04	113	20837	39.67	ng	# 1
36) 4-Chloro-3-methylphenol	9.29	107	8786	4.95	ng	# 45
37) 2-Methylnaphthalene	9.40	142	958211	214.26	ng	# 96
42) 2,4,6-Trichlorophenol	9.78	196	5990	7.60	ng	# 13
43) 2,4,5-Trichlorophenol	9.78	196	3643	4.43	ng	# 1
45) 1,1'-Biphenyl	9.97	154	167820	50.90	ng	# 96
47) 2-Nitroaniline	10.13	65	10277	16.01	ng	# 6
48) Acenaphthylene	10.51	152	35301	8.43	ng	# 1
49) Dimethylphthalate	10.37	163	29215	9.65	ng	# 63
50) 2,6-Dinitrotoluene	10.45	165	5236	8.40	ng	# 83
51) Acenaphthene	10.72	154	75812	32.14	ng	# 93
52) 3-Nitroaniline	10.65	138	6497	9.17	ng	# 73
53) 2,4-Dinitrophenol	10.80	184	1395	15.31	ng	# 1
54) Dibenzofuran	10.93	168	43395	12.05	ng	# 35
55) 4-Nitrophenol	10.88	139	8382	18.28	ng	# 1
56) 2,4-Dinitrotoluene	10.95	165	29895	37.05	ng	# 56
57) Fluorene	11.36	166	154349	52.86	ng	# 85
58) 2,3,4,6-Tetrachlorophenol	11.12	232	1261	2.07	ng	# 1
59) Diethylphthalate	11.24	149	33464	11.46	ng	# 25
61) 4-Nitroaniline	11.44	138	3195	4.46	ng	# 7

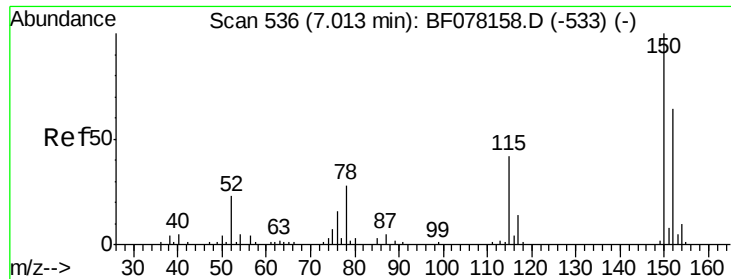
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) Azobenzene	11.57	77	30199	11.33	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.47	198	1144	10.24	ng	# 1
65) n-Nitrosodiphenylamine	11.52	169	212771	54.62	ng	# 56
68) Atrazine	12.19	200	38358	34.00	ng	# 70
69) Pentachlorophenol	12.28	266	981	9.29	ng	# 1
70) Phenanthrene	12.55	178	412967	63.39	ng	96
71) Anthracene	12.55	178	361566	56.32	ng	96
72) Carbazole	12.81	167	23261	3.87	ng	# 1
74) Fluoranthene	14.01	202	16730	2.44	ng	# 59
77) Pyrene	14.28	202	127624	14.03	ng	# 92
82) Chrysene	15.79	228	16280	2.01	ng	# 36
83) Bis(2-ethylhexyl)phthalate	15.84	149	125240	23.04	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampleId :

FD-1

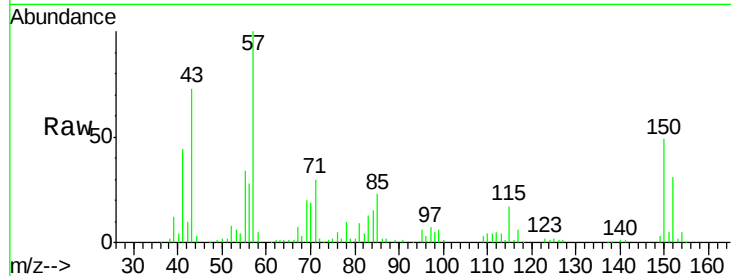
Tgt Ion:152 Resp: 35840

Ion Ratio Lower Upper

152 100

150 155.3 125.9 188.9

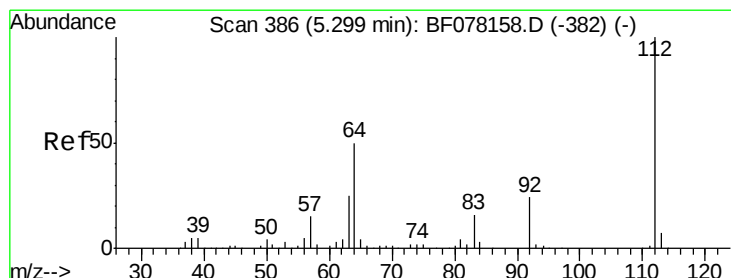
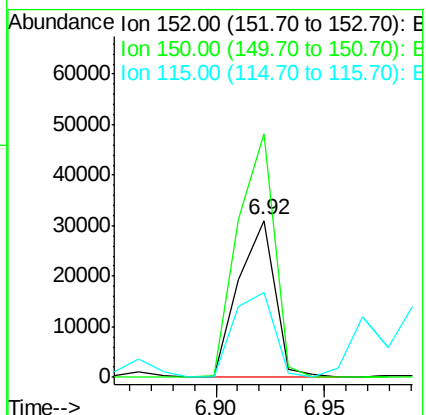
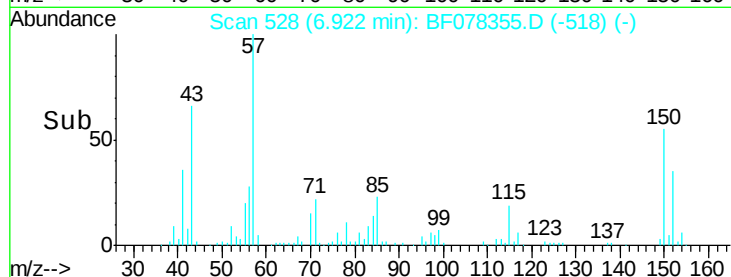
115 53.8 52.7 79.1



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: 76.85 ng

RT: 5.20 min Scan# 377

Delta R.T. 0.02 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

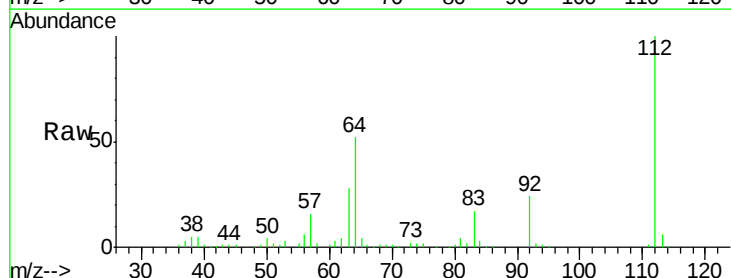
Tgt Ion:112 Resp: 167042

Ion Ratio Lower Upper

112 100

64 51.8 39.9 59.9

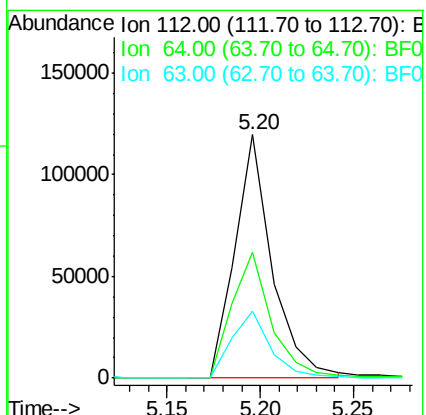
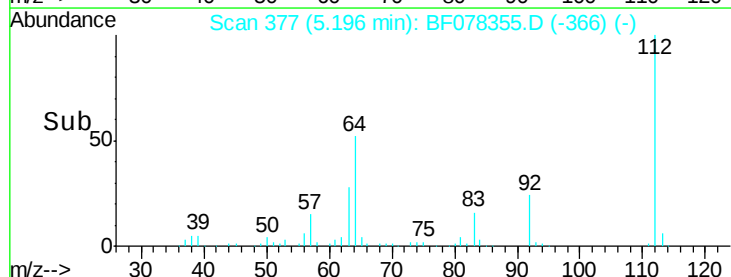
63 27.6 20.2 30.4

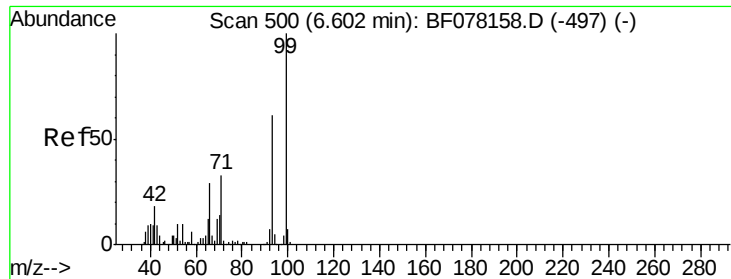


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 83.00 ng

RT: 6.52 min Scan# 493

Delta R.T. 0.01 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampleId :

FD-1

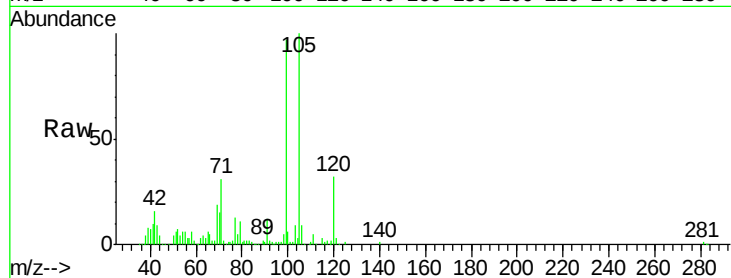
Tgt Ion: 99 Resp: 226109

Ion Ratio Lower Upper

99 100

42 16.5 14.8 22.2

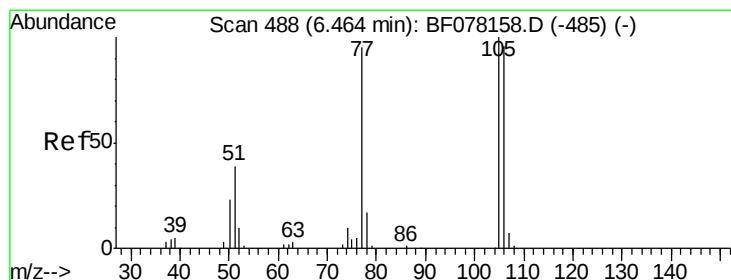
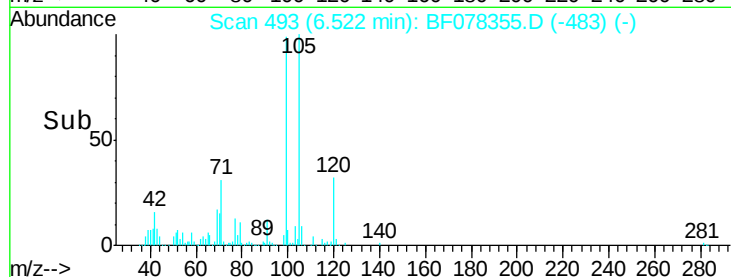
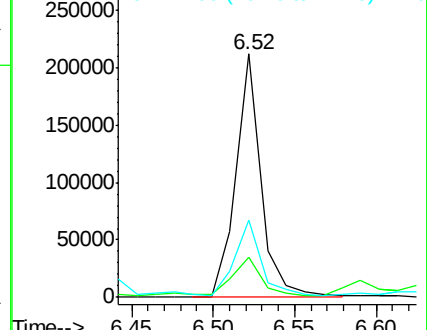
71 31.9 26.6 39.8



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



#9

Benzaldehyde

Concen: 10.35 ng

RT: 6.36 min Scan# 479

Delta R.T. 0.01 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

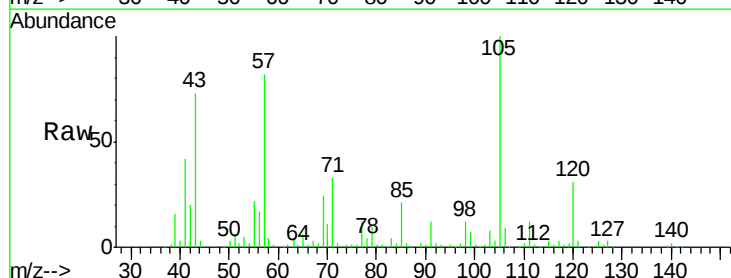
Tgt Ion: 77 Resp: 18686

Ion Ratio Lower Upper

77 100

105 829.2 85.4 125.4#

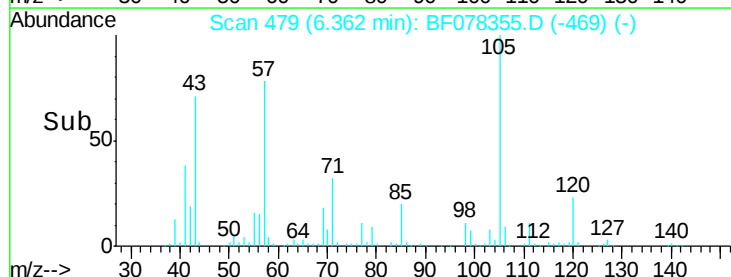
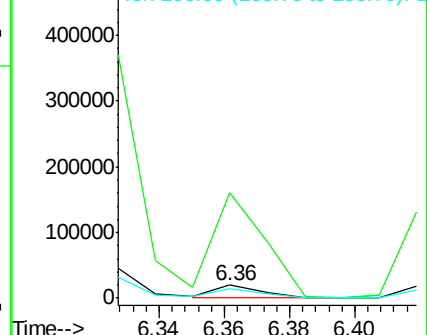
106 77.2 80.8 120.8#

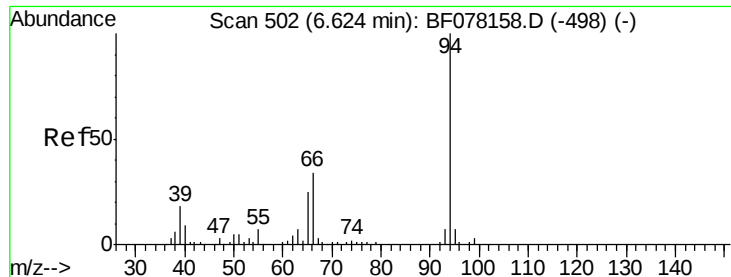


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

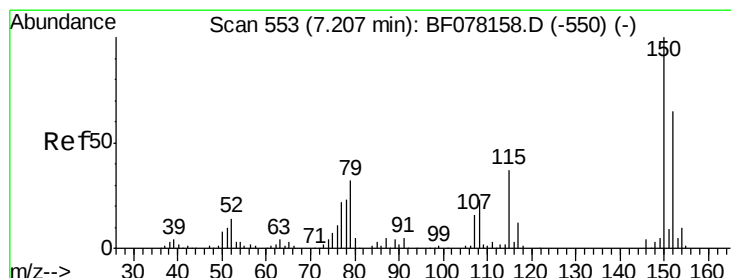
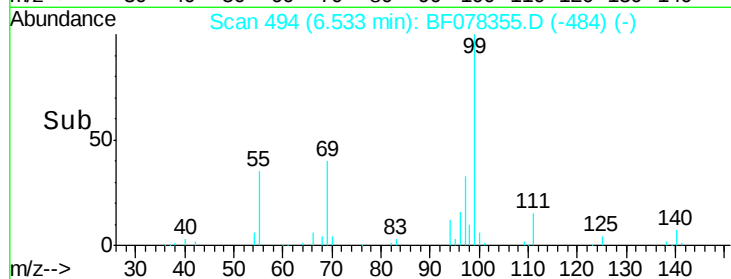
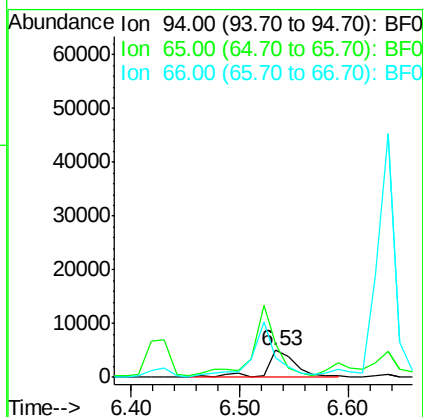
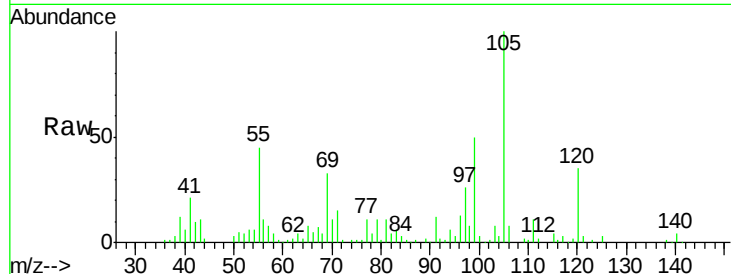




#10
Phenol
Concen: 2.87 ng
RT: 6.53 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

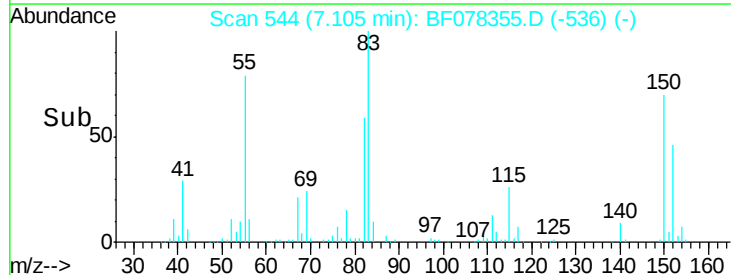
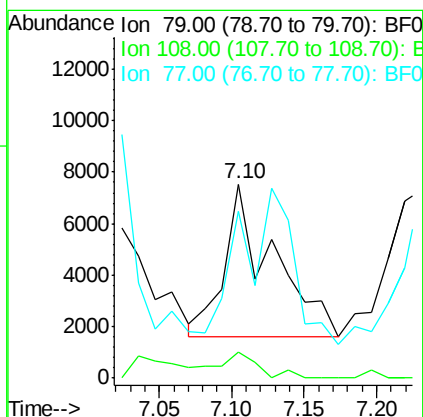
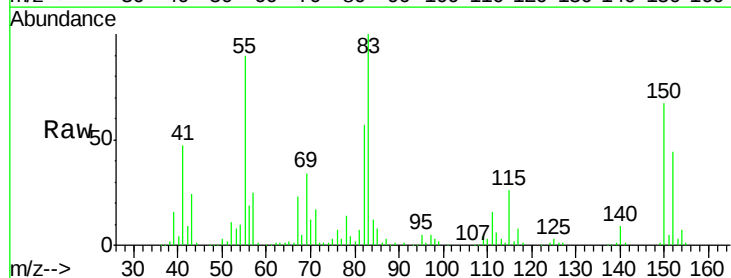
Instrument :
BNA_F
ClientSampled :
FD-1

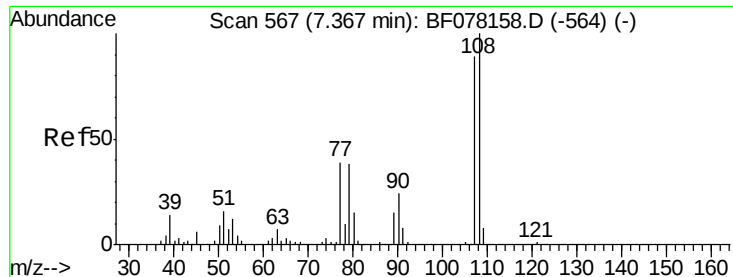
Tgt Ion: 94 Resp: 9375
Ion Ratio Lower Upper
94 100
65 123.3 4.9 44.9#
66 74.3 13.8 53.8#



#15
Benzyl Alcohol
Concen: 7.24 ng
RT: 7.10 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

Tgt Ion: 79 Resp: 13860
Ion Ratio Lower Upper
79 100
108 13.3 57.6 86.4#
77 86.2 53.5 80.3#

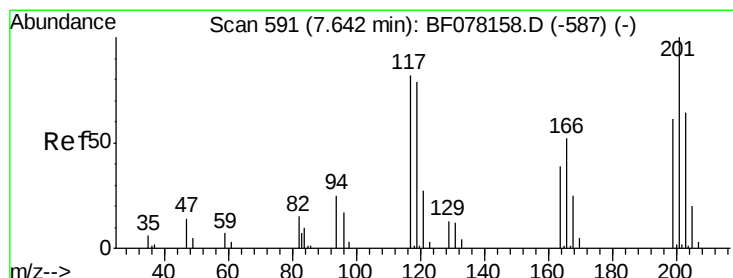
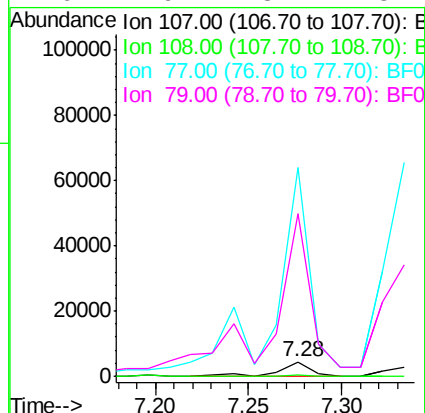
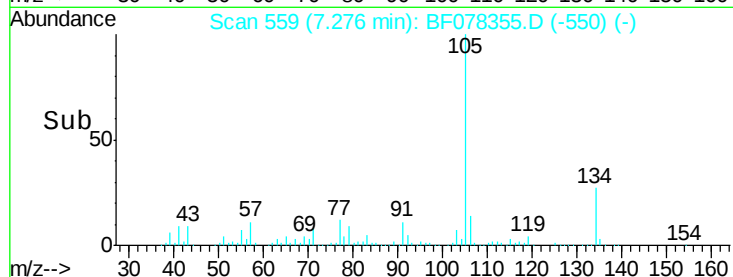
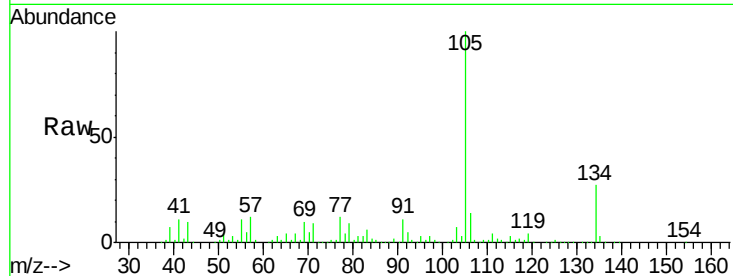




#17
2-Methylphenol
Concen: 2.67 ng
RT: 7.28 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

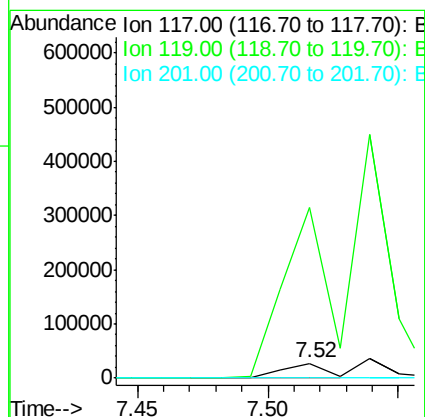
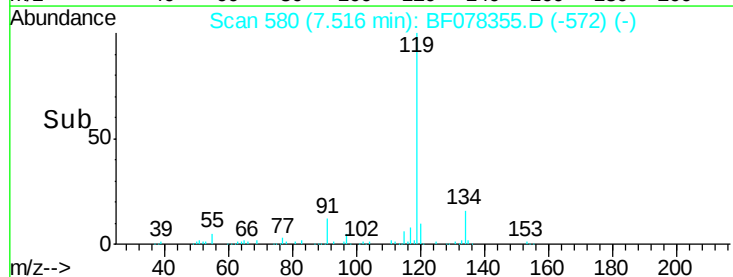
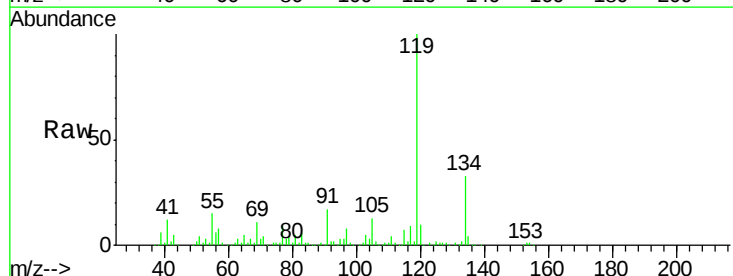
Instrument :
BNA_F
ClientSampleId :
FD-1

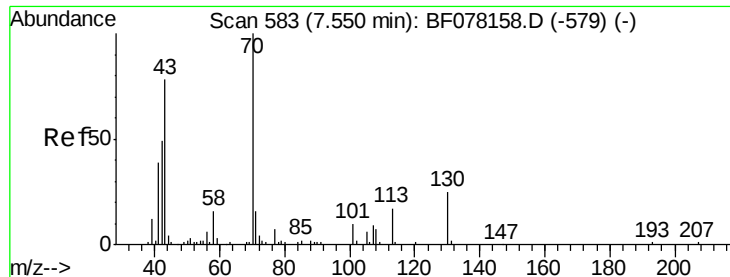
Tgt Ion:107 Resp: 5329
Ion Ratio Lower Upper
107 100
108 7.8 90.3 135.5#
77 1444.5 35.5 53.3#
79 1126.1 34.2 51.4#



#18
Hexachloroethane
Concen: 33.53 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

Tgt Ion:117 Resp: 32139
Ion Ratio Lower Upper
117 100
119 1139.7 77.0 115.6#
201 0.0 98.1 147.1#

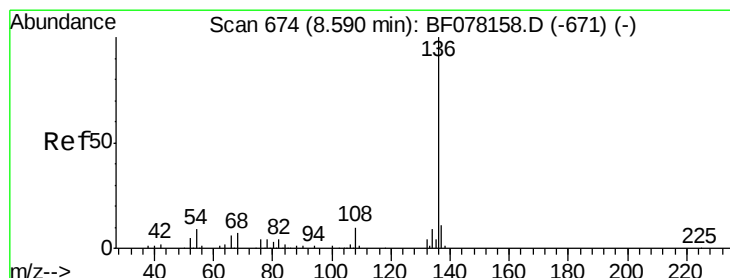
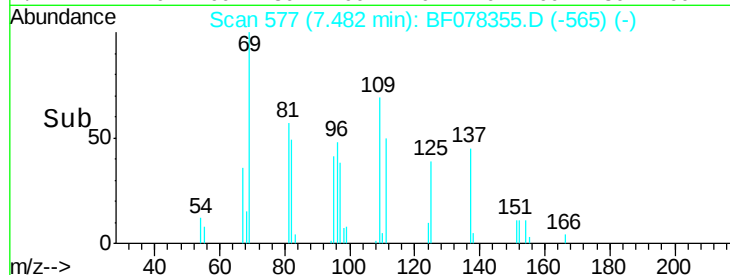
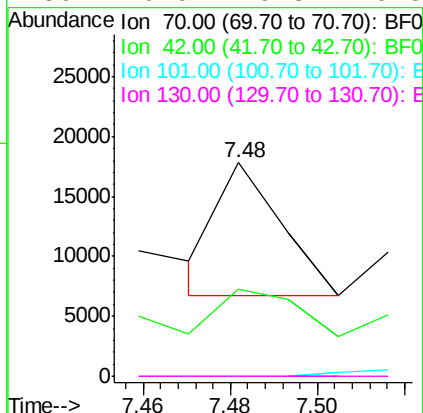
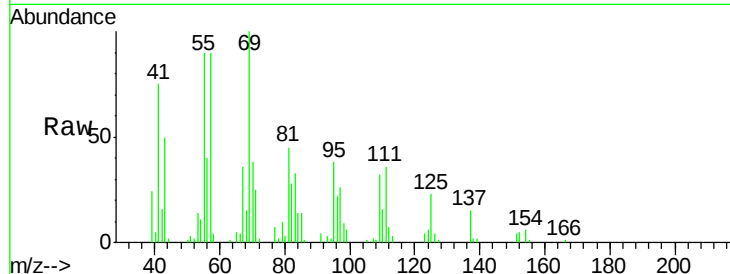




#19
n-Nitroso-di-n-propylamine
Concen: 6.24 ng
RT: 7.48 min Scan# 577
Delta R.T. 0.03 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

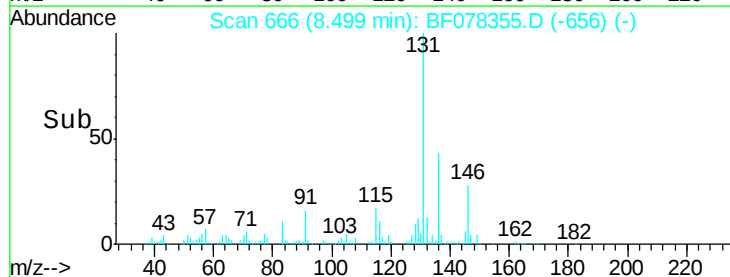
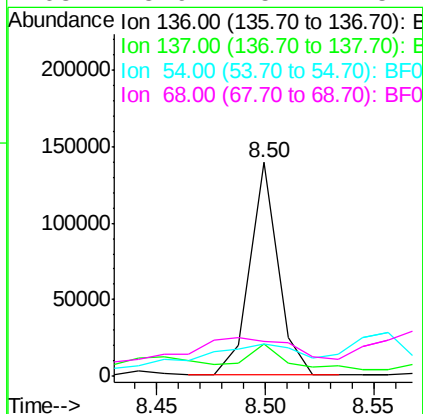
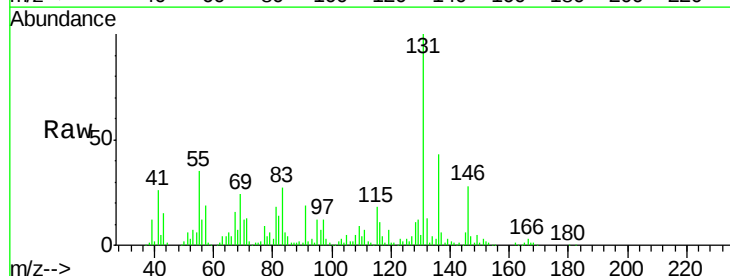
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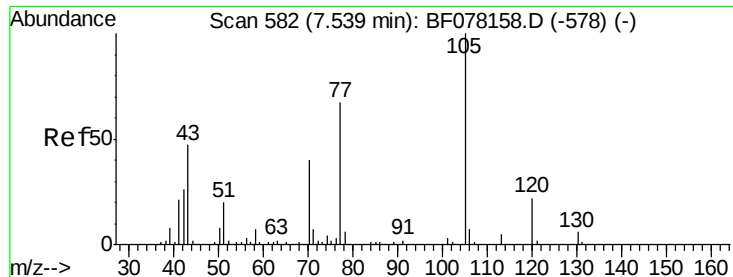
Tgt Ion: 70 Resp: 11221
Ion Ratio Lower Upper
70 100
42 40.8 38.9 58.3
101 0.0 8.3 12.5#
130 0.0 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.50 min Scan# 666
Delta R.T. 0.01 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

Tgt Ion: 136 Resp: 126556
Ion Ratio Lower Upper
136 100
137 15.1 9.0 13.4#
54 15.1 7.0 10.6#
68 15.9 5.4 8.2#





#22

Acetophenone

Concen: 126.75 ng

RT: 7.41 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampled :

FD-1

Tgt Ion: 105 Resp: 373762

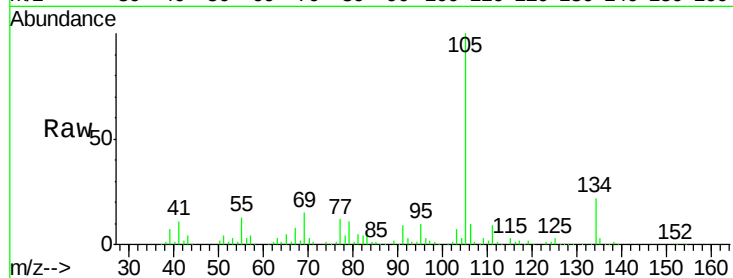
Ion Ratio Lower Upper

105 100

71 1.1 5.5 8.3#

51 4.3 16.0 24.0#

120 0.2 17.8 26.6#

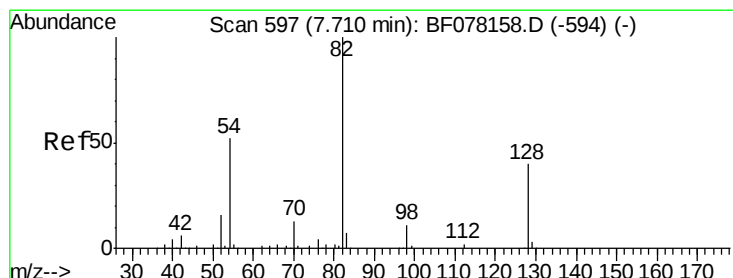
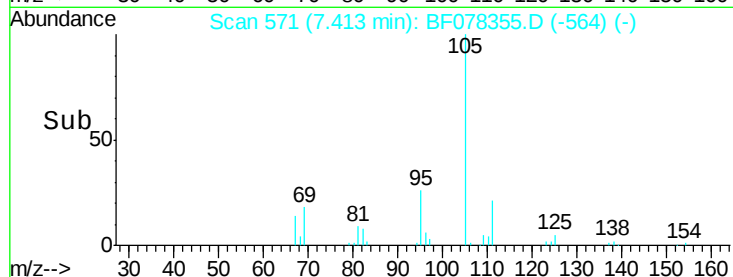
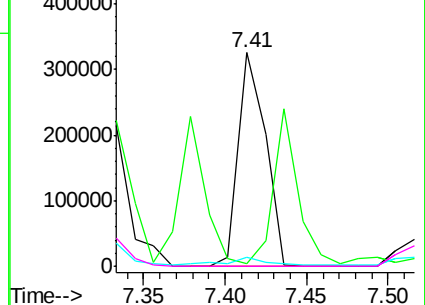


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 100.44 ng

RT: 7.62 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

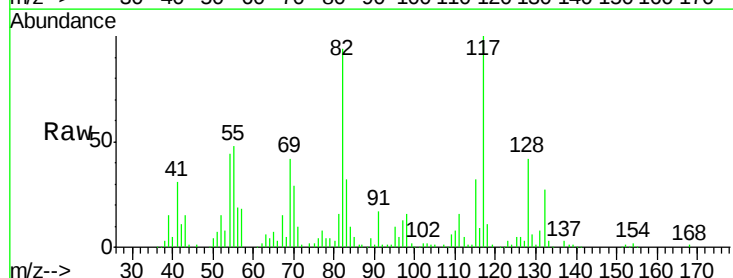
Tgt Ion: 82 Resp: 209719

Ion Ratio Lower Upper

82 100

128 44.5 31.8 47.8

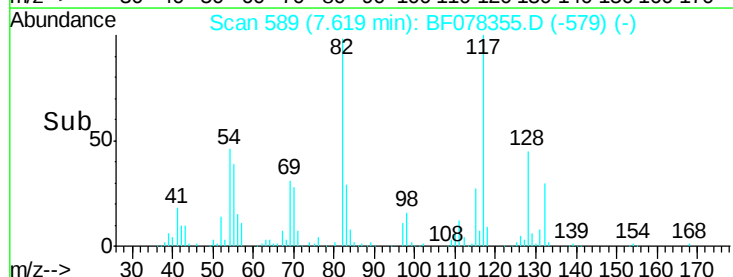
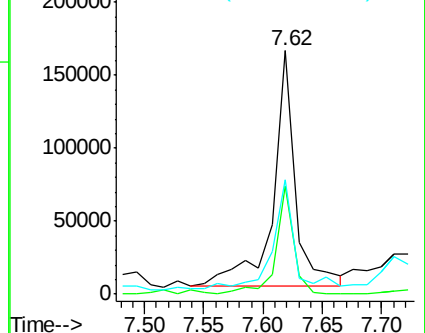
54 47.0 41.5 62.3

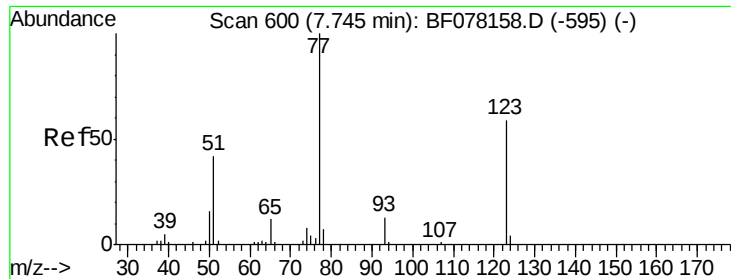


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

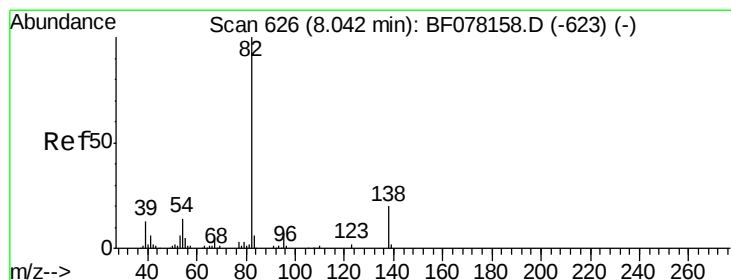
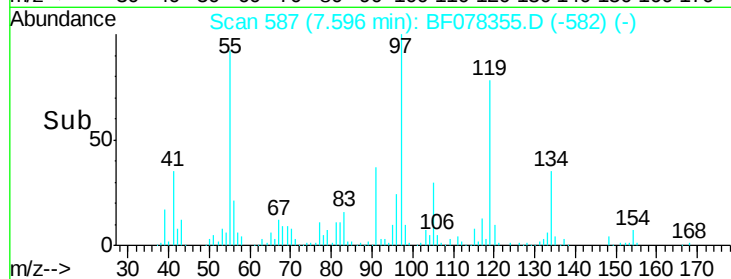
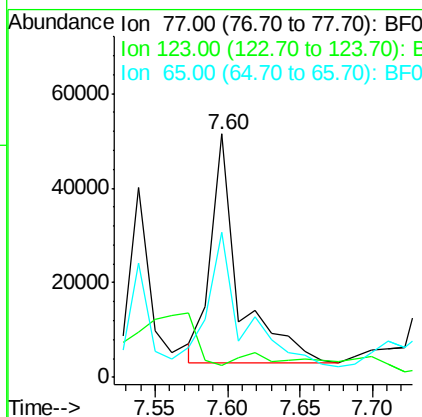
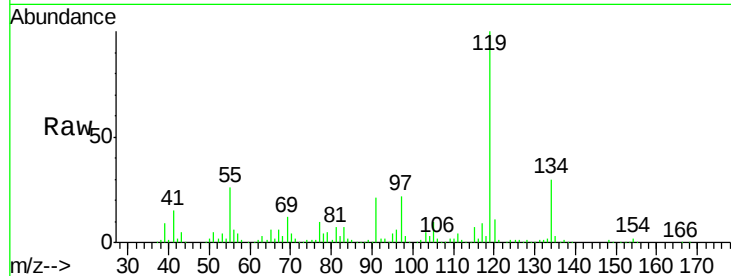




#24
 Nitrobenzene
 Concen: 29.83 ng
 RT: 7.60 min Scan# 587
 Delta R.T. -0.05 min
 Lab File: BF078355.D
 Acq: 9 Apr 2015 1:19

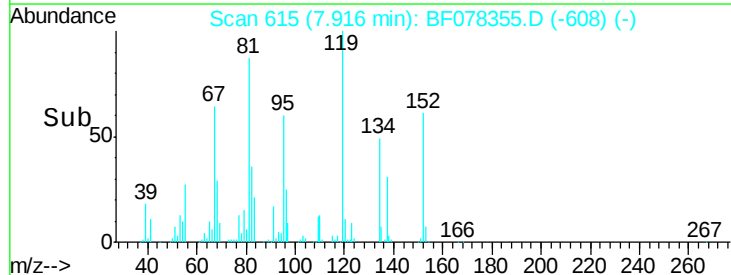
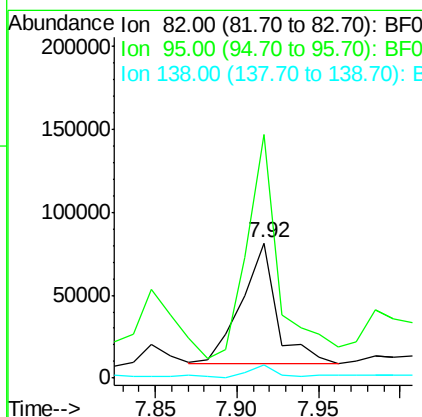
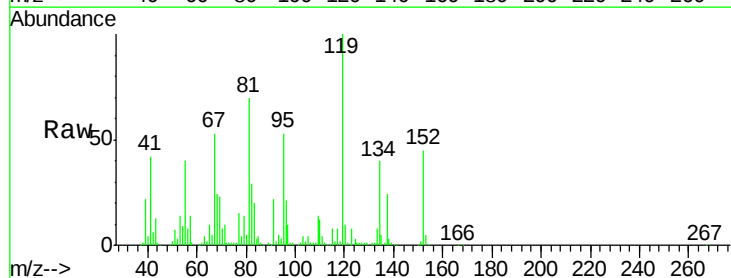
Instrument :
 BNA_F
 ClientSampleId :
 FD-1

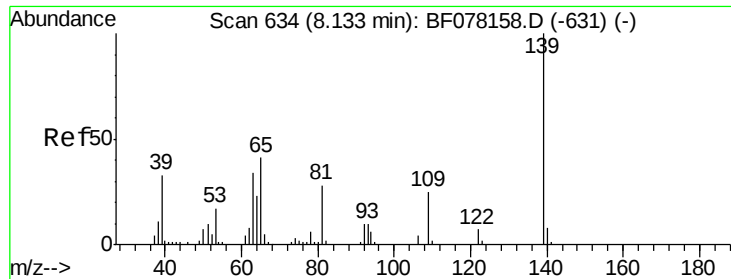
Tgt Ion: 77 Resp: 65121
 Ion Ratio Lower Upper
 77 100
 123 4.9 46.9 70.3#
 65 59.5 9.5 14.3#



#25
 Isophorone
 Concen: 28.14 ng
 RT: 7.92 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF078355.D
 Acq: 9 Apr 2015 1:19

Tgt Ion: 82 Resp: 111507
 Ion Ratio Lower Upper
 82 100
 95 179.7 5.7 8.5#
 138 9.8 15.8 23.8#





#26

2-Nitrophenol

Concen: 11.26 ng

RT: 8.06 min Scan# 628

Delta R.T. 0.03 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampleId :

FD-1

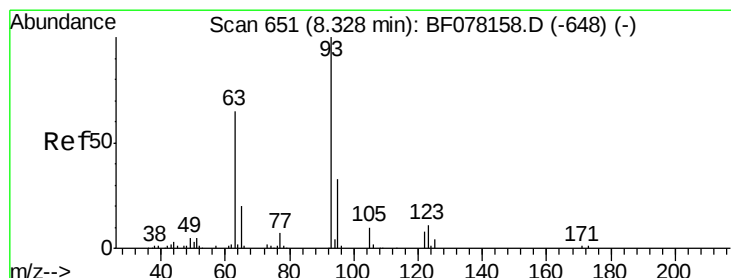
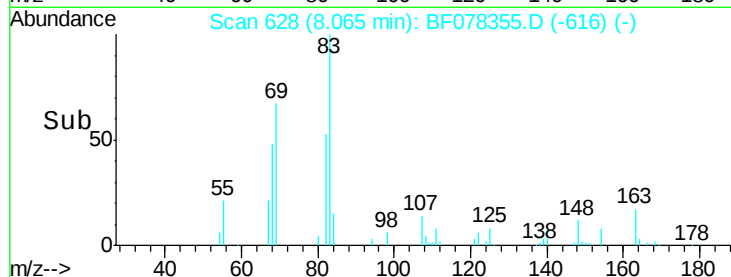
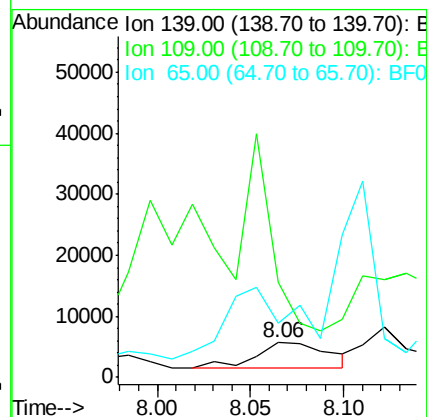
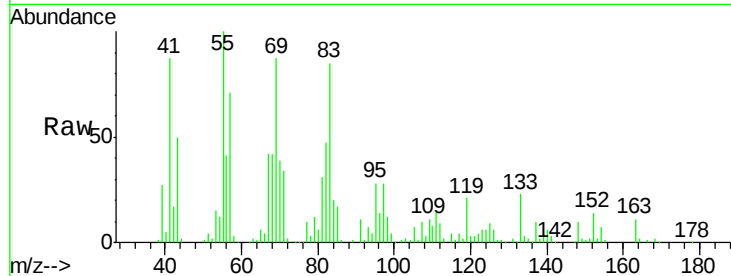
Tgt Ion:139 Resp: 11708

Ion Ratio Lower Upper

139 100

109 274.5 19.8 29.8#

65 157.3 32.7 49.1#



#28

bis(2-Chloroethoxy)methane

Concen: 7.13 ng

RT: 8.24 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

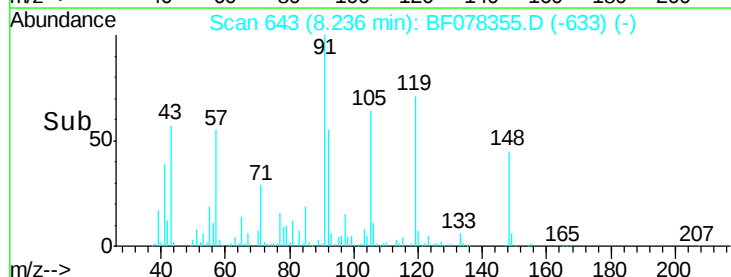
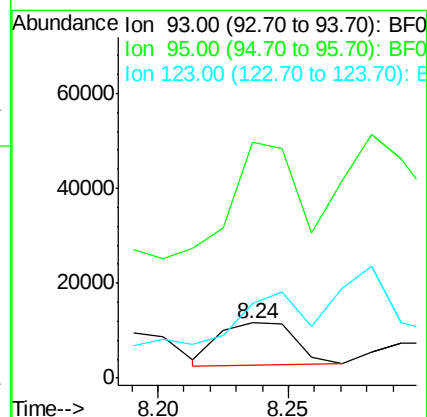
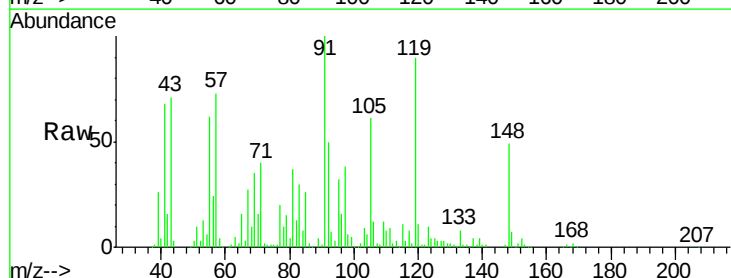
Tgt Ion: 93 Resp: 18124

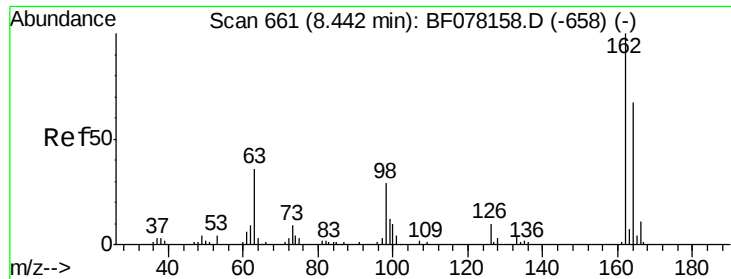
Ion Ratio Lower Upper

93 100

95 429.9 26.3 39.5#

123 135.4 9.1 13.7#

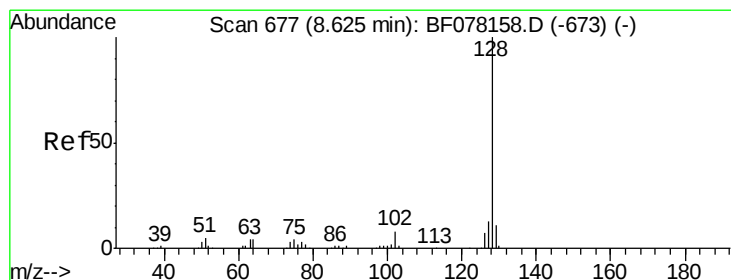
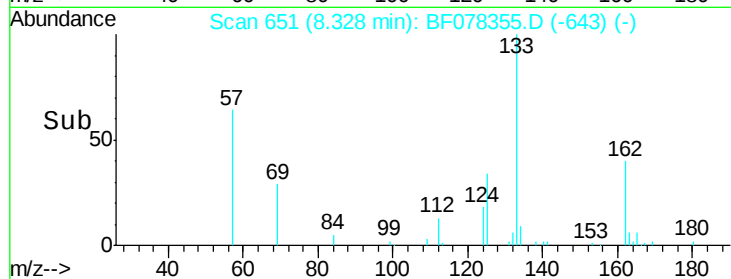
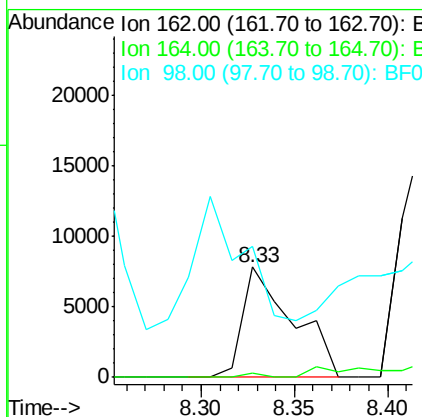
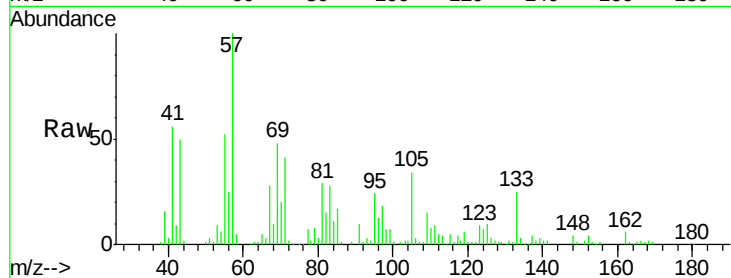




#29
2,4-Dichlorophenol
Concen: 8.33 ng
RT: 8.33 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

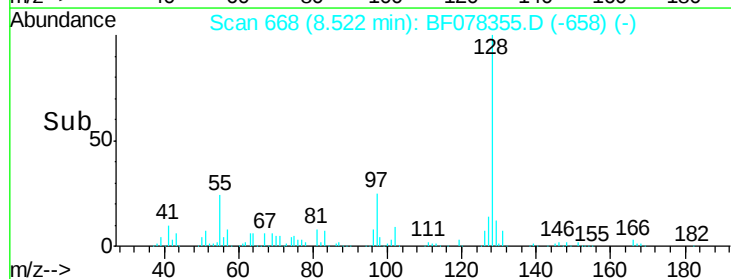
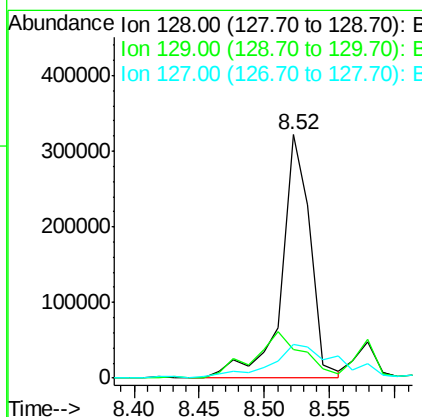
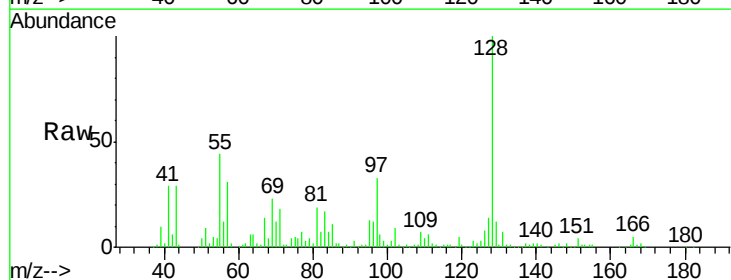
Instrument :
BNA_F
ClientSampleID :
FD-1

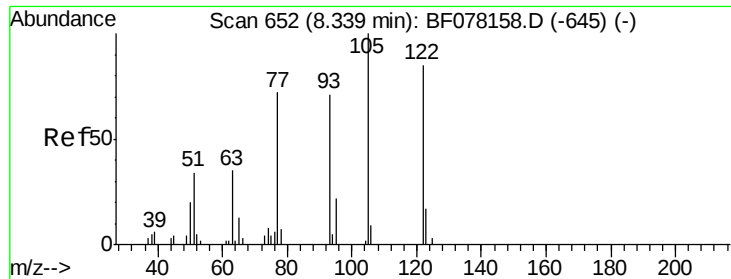
Tgt Ion:162 Resp: 14651
Ion Ratio Lower Upper
162 100
164 4.2 47.0 87.0#
98 119.0 9.2 49.2#



#31
Naphthalene
Concen: 74.53 ng
RT: 8.52 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

Tgt Ion:128 Resp: 490916
Ion Ratio Lower Upper
128 100
129 12.0 8.6 12.8
127 14.1 10.7 16.1

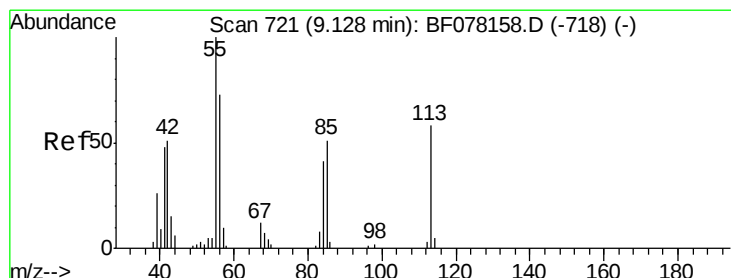
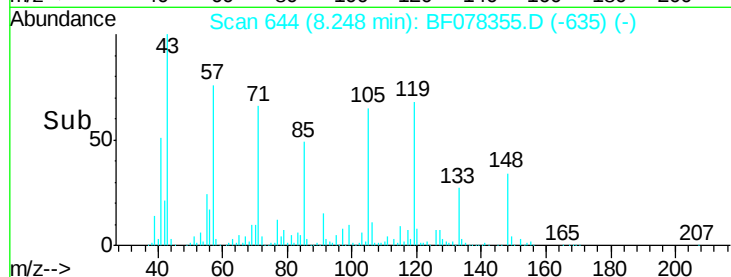
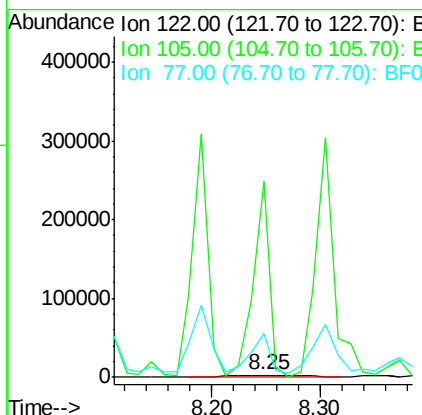
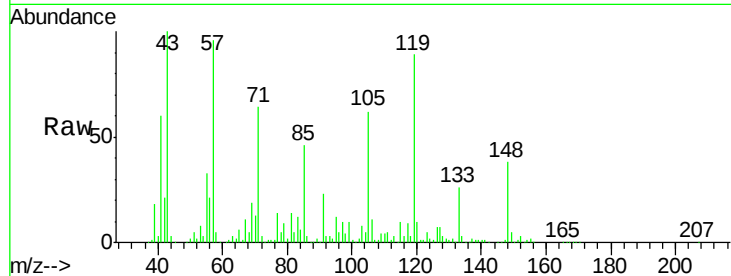




#32
Benzoic acid
Concen: 15.59 ng
RT: 8.25 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

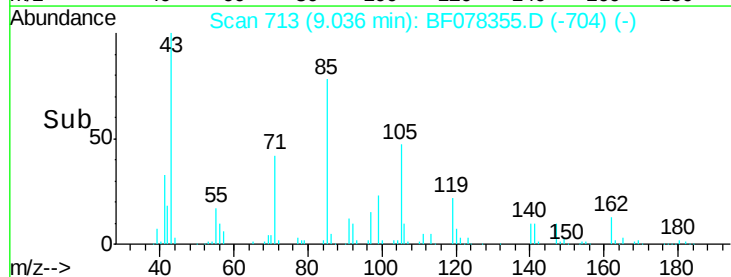
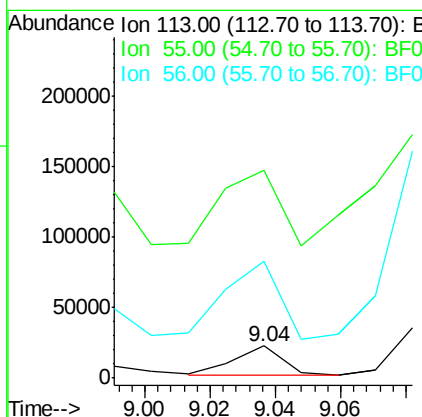
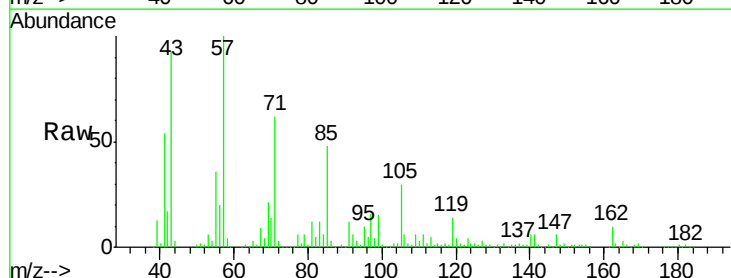
Instrument :
BNA_F
ClientSampleId :
FD-1

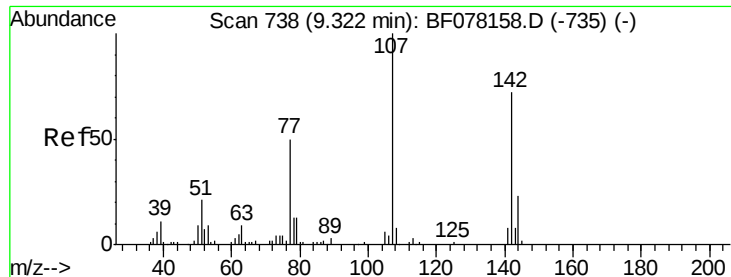
Tgt Ion:122 Resp: 10132
Ion Ratio Lower Upper
122 100
105 8548.7 96.1 136.1#
77 1901.6 64.1 104.1#



#35
Caprolactam
Concen: 39.67 ng
RT: 9.04 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

Tgt Ion:113 Resp: 20837
Ion Ratio Lower Upper
113 100
55 648.4 151.9 191.9#
56 365.7 106.1 146.1#





#36

4-Chloro-3-methylphenol

Concen: 4.95 ng

RT: 9.29 min Scan# 735

Delta R.T. 0.06 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampleId :

FD-1

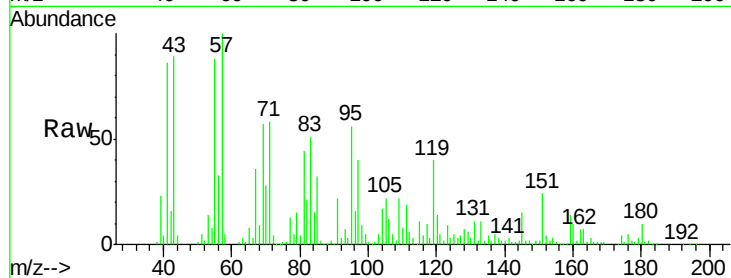
Tgt Ion:107 Resp: 8786

Ion Ratio Lower Upper

107 100

144 32.8 18.2 27.2#

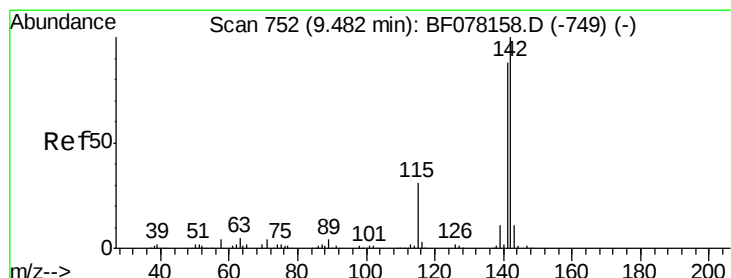
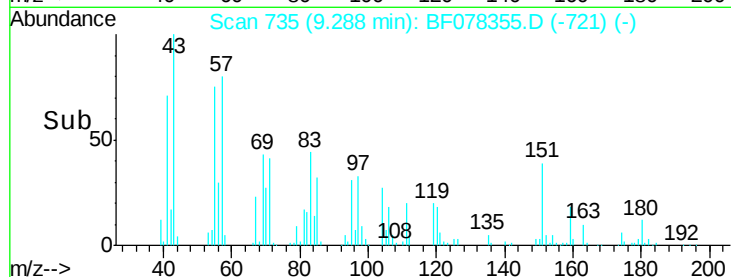
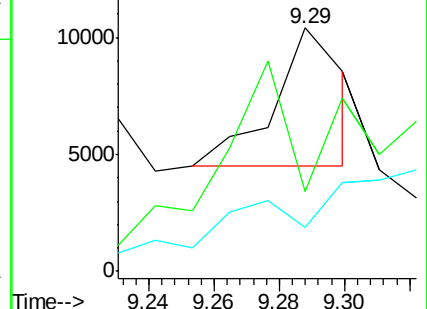
142 18.0 58.0 87.0#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 214.26 ng

RT: 9.40 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

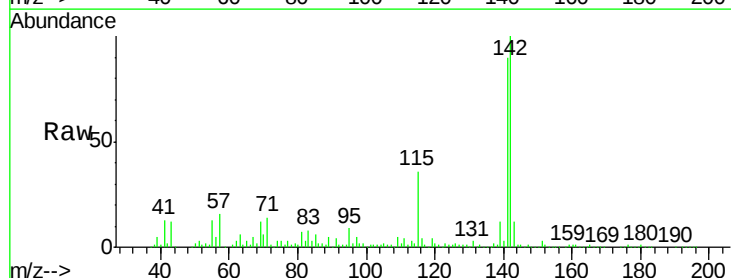
Tgt Ion:142 Resp: 958211

Ion Ratio Lower Upper

142 100

141 90.4 70.3 105.5

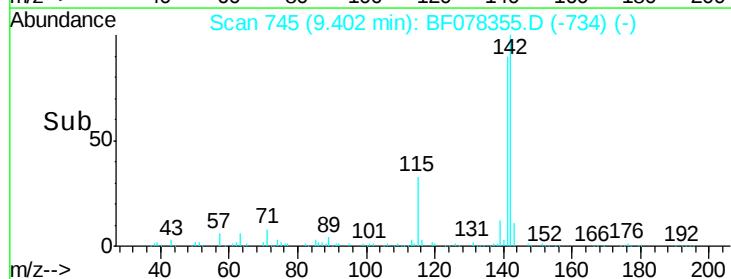
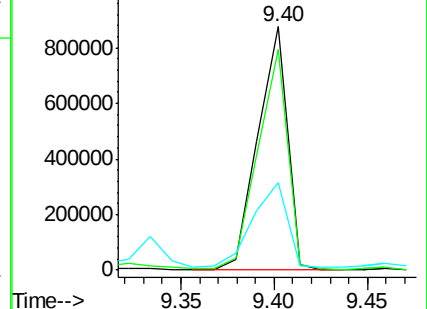
115 35.8 24.6 37.0

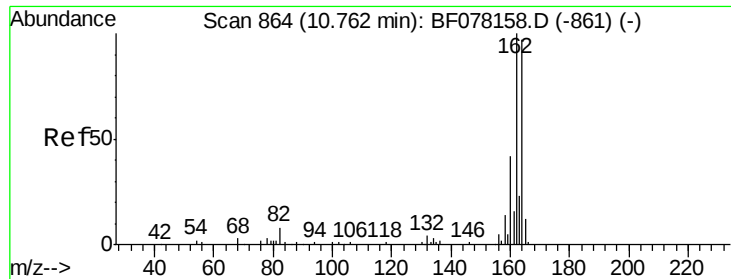


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

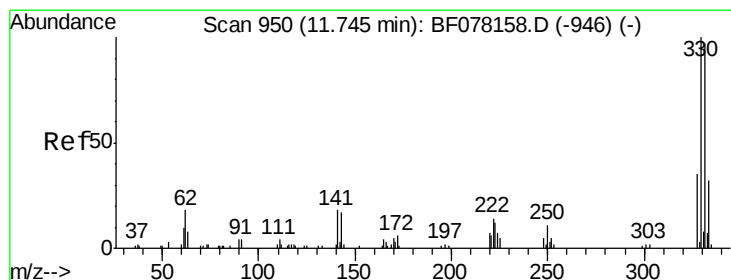
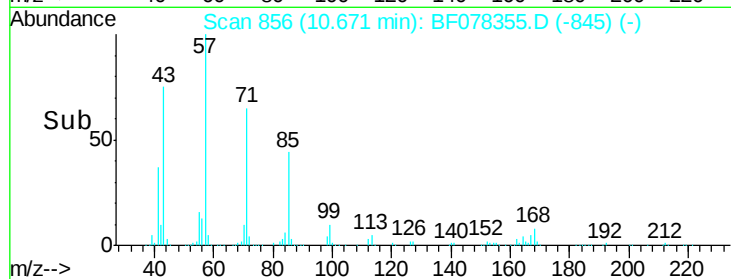
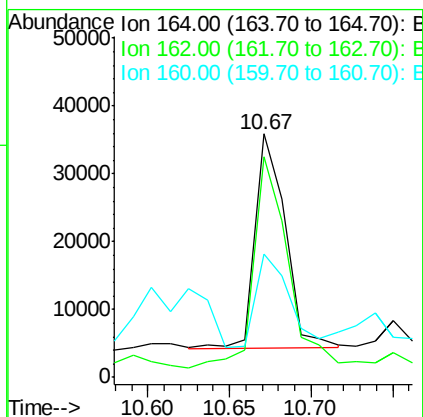
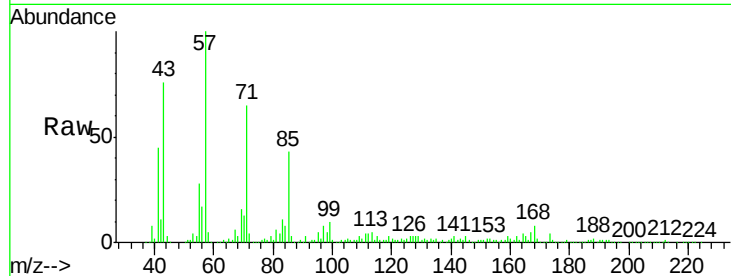




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.67 min Scan# 856
Delta R.T. 0.02 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

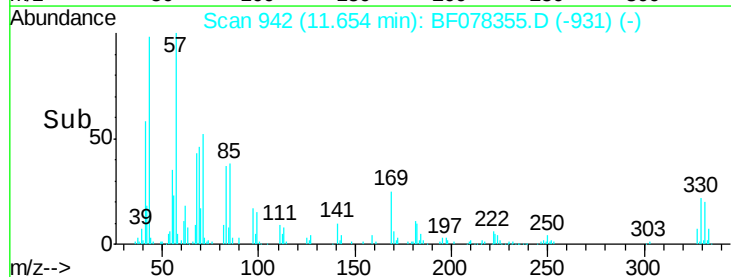
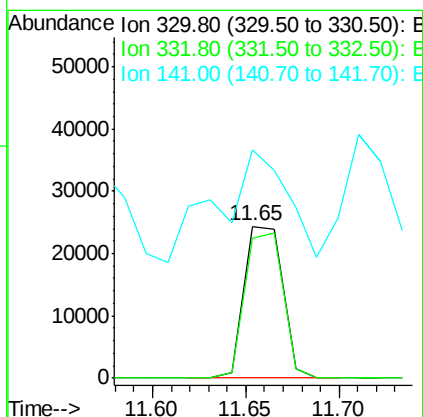
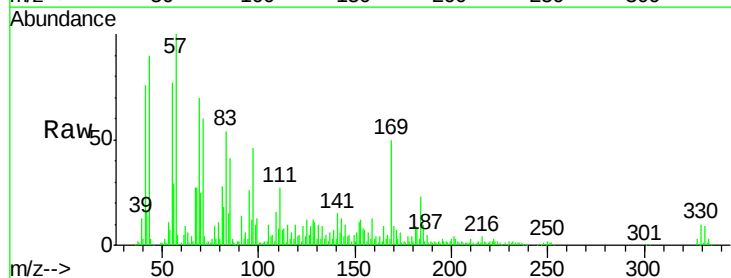
Instrument :
BNA_F
ClientSampleId :
FD-1

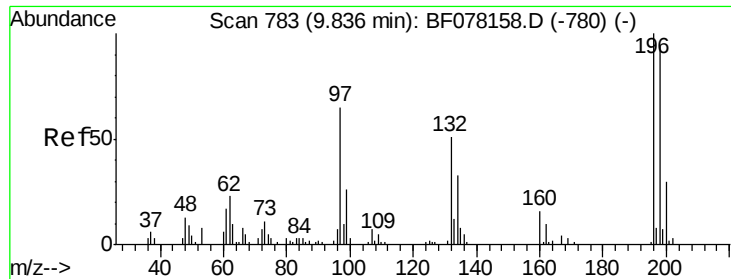
Tgt Ion:164 Resp: 40308
Ion Ratio Lower Upper
164 100
162 90.5 82.2 123.2
160 50.4 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 103.87 ng
RT: 11.65 min Scan# 942
Delta R.T. 0.02 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

Tgt Ion:330 Resp: 34725
Ion Ratio Lower Upper
330 100
332 95.1 78.6 117.8
141 134.5 31.2 46.8#

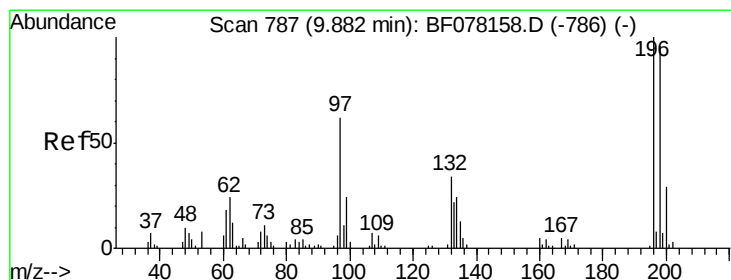
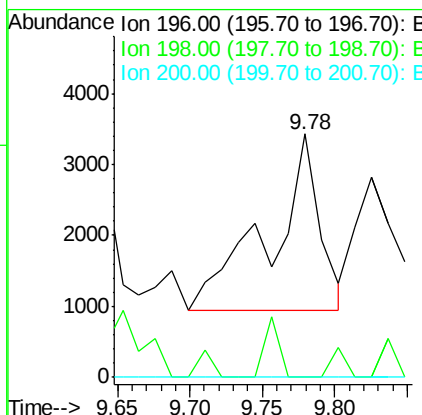
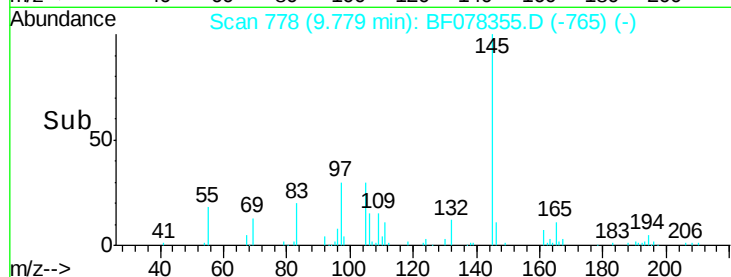
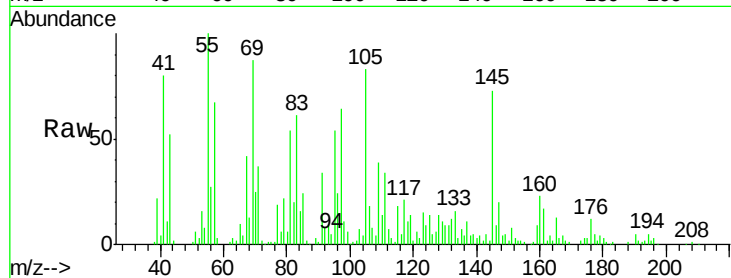




#42
 2,4,6-Trichlorophenol
 Concen: 7.60 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.05 min
 Lab File: BF078355.D
 Acq: 9 Apr 2015 1:19

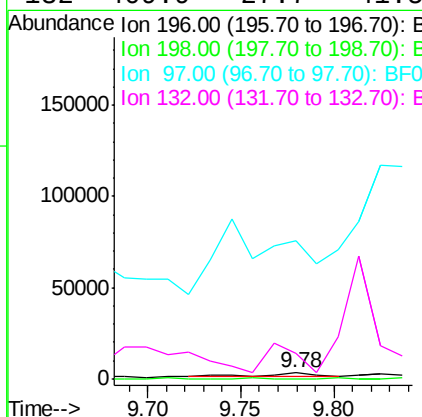
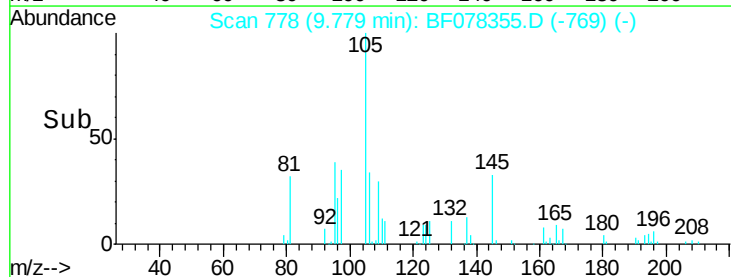
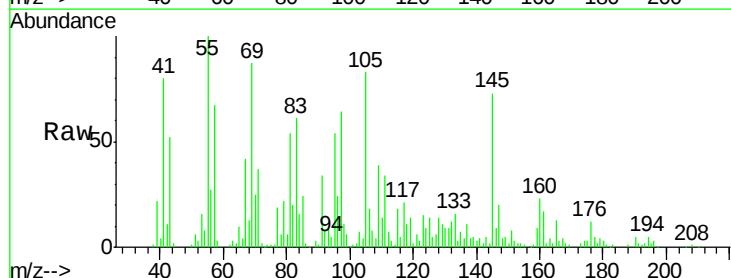
Instrument :
 BNA_F
 ClientSampleId :
 FD-1

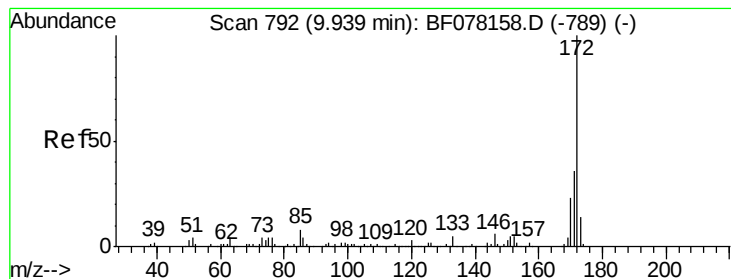
Tgt Ion:196 Resp: 5990
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.4 113.2#
 200 0.0 24.0 36.0#



#43
 2,4,5-Trichlorophenol
 Concen: 4.43 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF078355.D
 Acq: 9 Apr 2015 1:19

Tgt Ion:196 Resp: 3643
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.6 115.0#
 97 2205.6 50.6 75.8#
 132 409.9 27.7 41.5#





#44

2-Fluorobiphenyl

Concen: 93.72 ng

RT: 9.86 min Scan# 785

Delta R.T. 0.02 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampleId :

FD-1

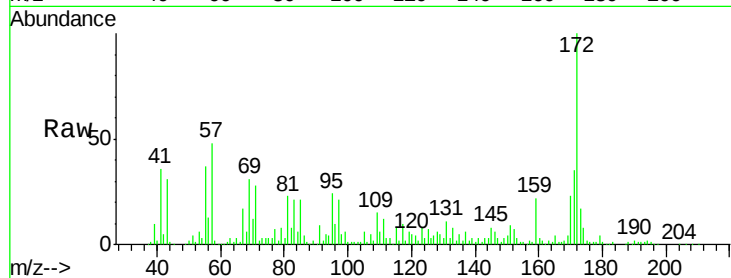
Tgt Ion:172 Resp: 264282

Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

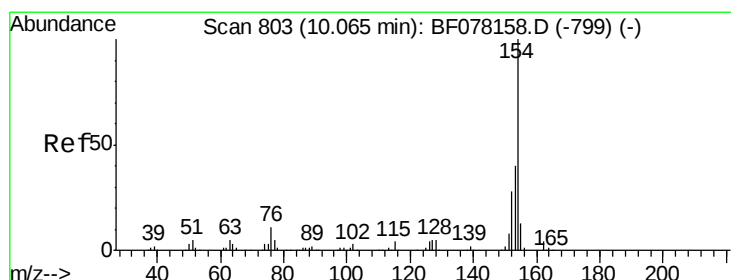
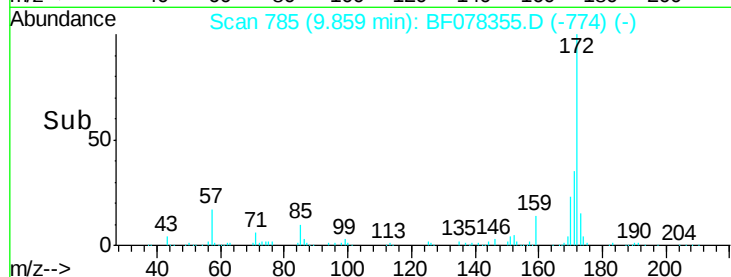
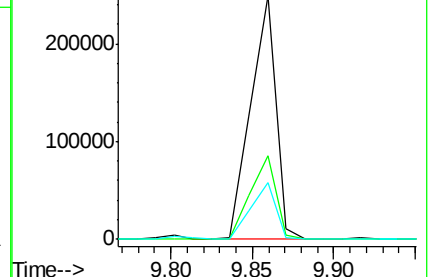
170 23.1 18.5 27.7



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



#45

1,1'-Biphenyl

Concen: 50.90 ng

RT: 9.97 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

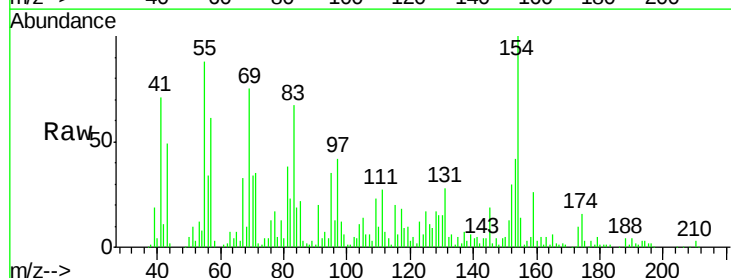
Tgt Ion:154 Resp: 167820

Ion Ratio Lower Upper

154 100

153 42.2 20.0 60.0

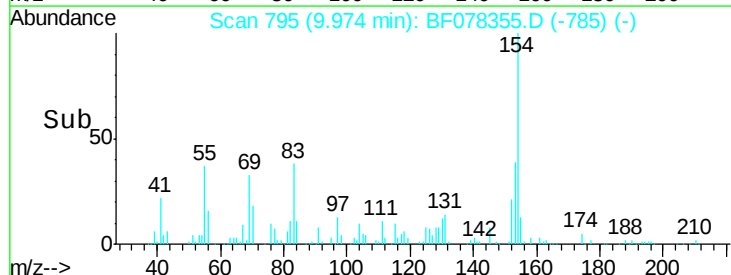
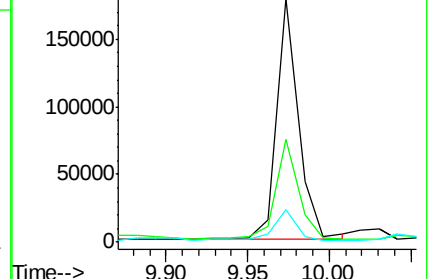
76 13.5 0.0 30.6

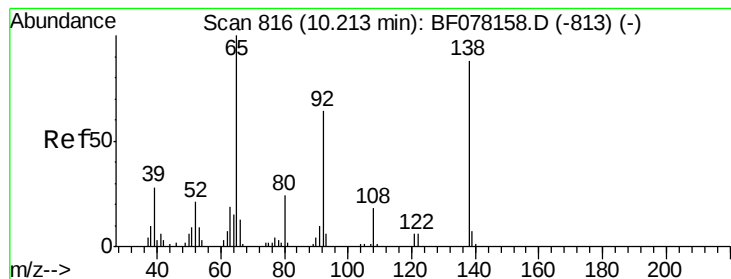


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#47

2-Nitroaniline

Concen: 16.01 ng

RT: 10.13 min Scan# 809

Delta R.T. 0.02 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampled :

FD-1

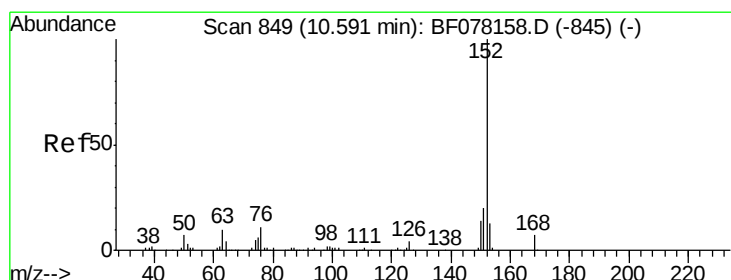
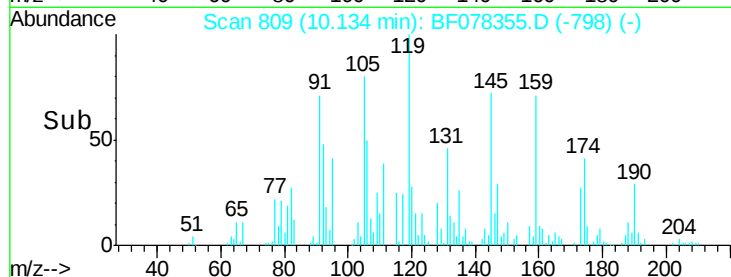
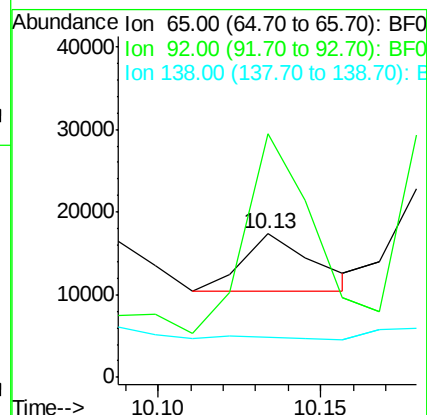
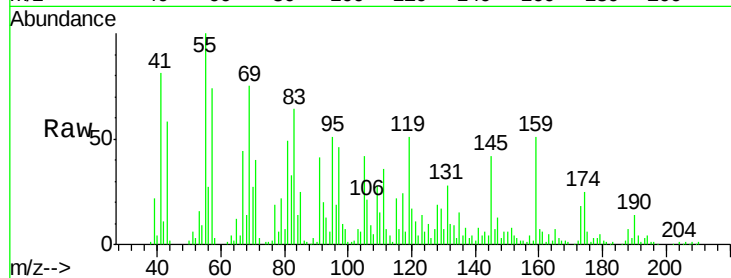
Tgt Ion: 65 Resp: 10277

Ion Ratio Lower Upper

65 100

92 170.0 51.3 76.9#

138 28.4 70.4 105.6#



#48

Acenaphthylene

Concen: 8.43 ng

RT: 10.51 min Scan# 842

Delta R.T. 0.03 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

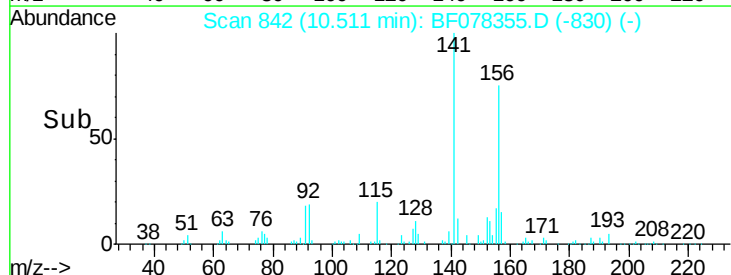
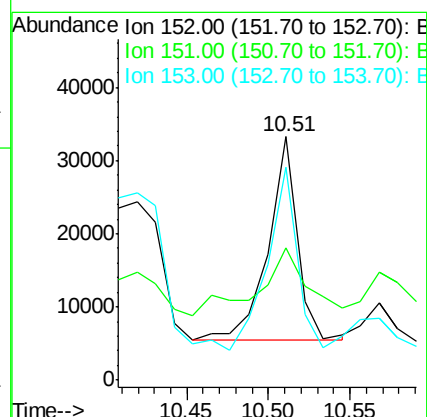
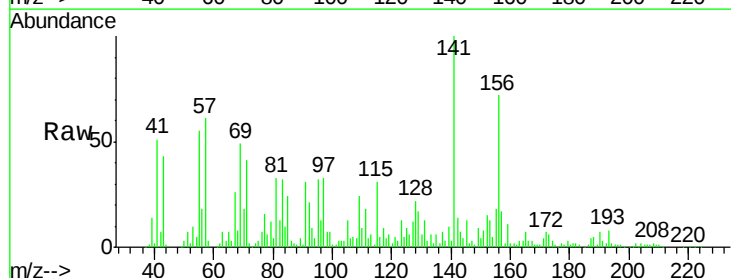
Tgt Ion: 152 Resp: 35301

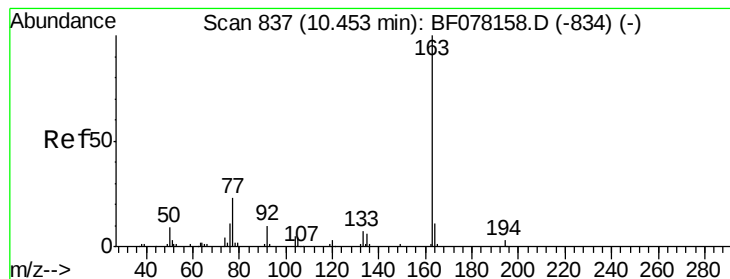
Ion Ratio Lower Upper

152 100

151 54.3 15.7 23.5#

153 87.2 10.2 15.2#





#49

Dimethylphthalate

Concen: 9.65 ng

RT: 10.37 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampleId :

FD-1

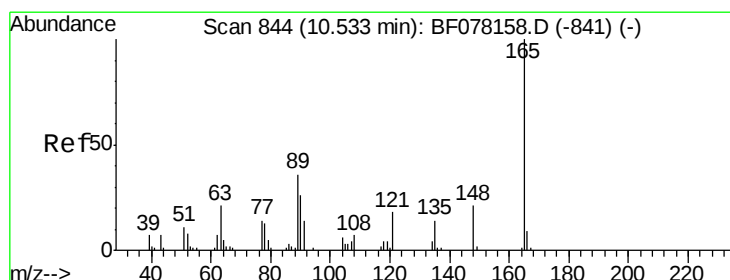
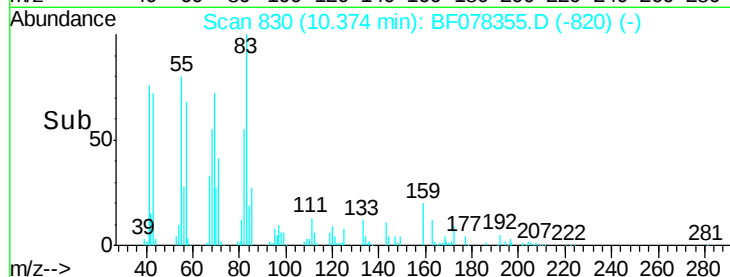
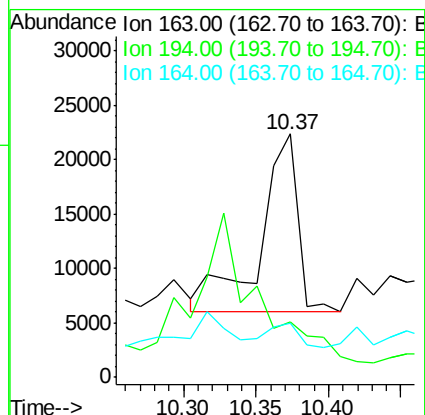
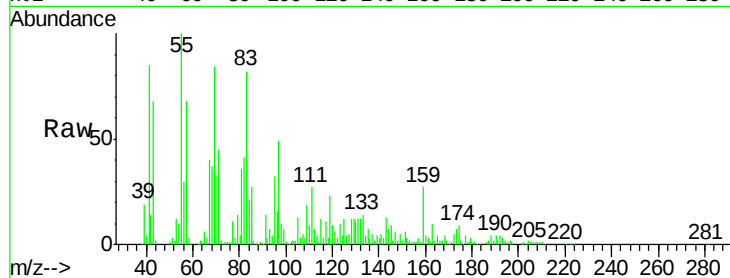
Tgt Ion:163 Resp: 29215

Ion Ratio Lower Upper

163 100

194 22.7 2.3 3.5#

164 22.3 8.6 13.0#



#50

2,6-Dinitrotoluene

Concen: 8.40 ng

RT: 10.45 min Scan# 837

Delta R.T. 0.02 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

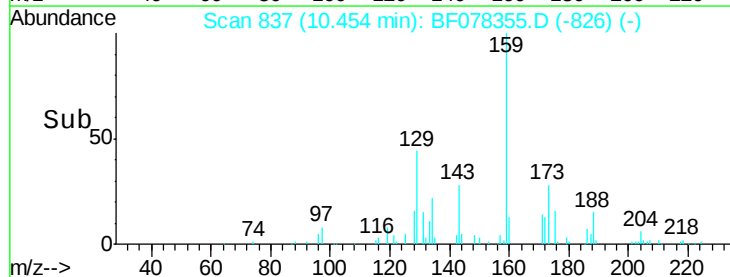
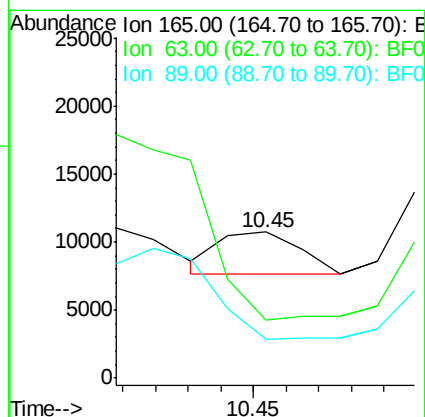
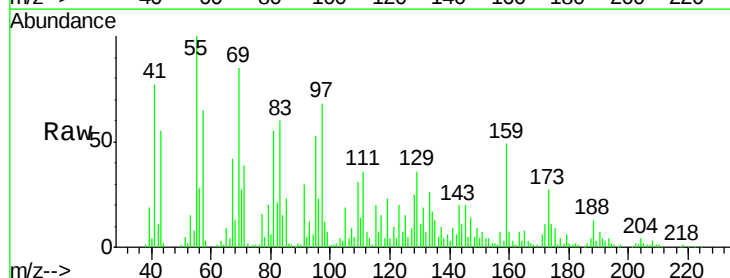
Tgt Ion:165 Resp: 5236

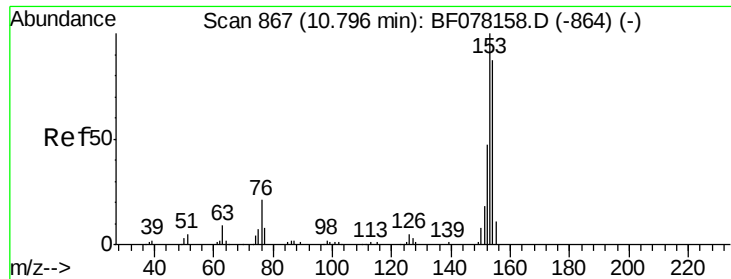
Ion Ratio Lower Upper

165 100

63 39.5 24.1 36.1#

89 26.5 28.9 43.3#





#51

Acenaphthene

Concen: 32.14 ng

RT: 10.72 min Scan# 860

Delta R.T. 0.02 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampled :

FD-1

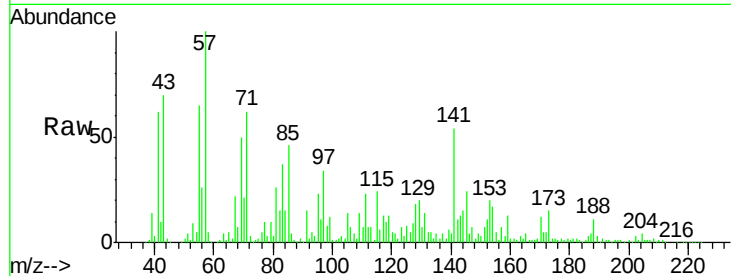
Tgt Ion:154 Resp: 75812

Ion Ratio Lower Upper

154 100

153 116.1 91.4 137.2

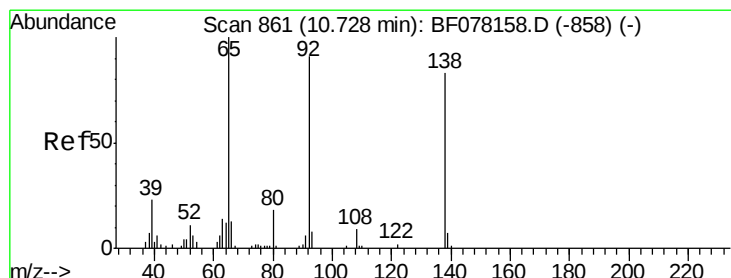
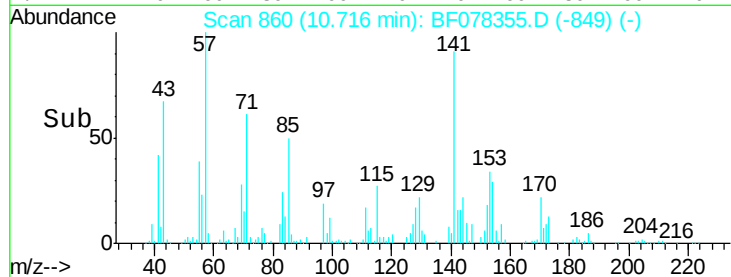
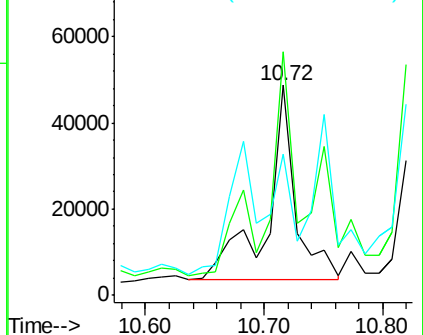
152 67.5 43.0 64.6#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 9.17 ng

RT: 10.65 min Scan# 854

Delta R.T. 0.02 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

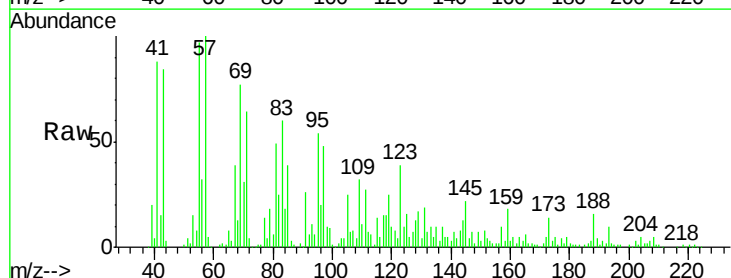
Tgt Ion:138 Resp: 6497

Ion Ratio Lower Upper

138 100

108 91.6 8.2 12.4#

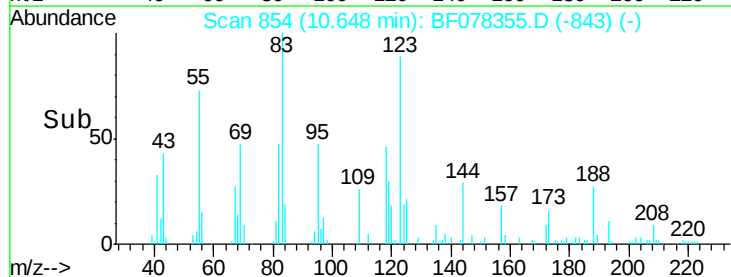
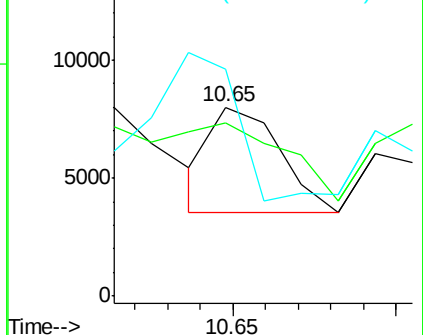
92 120.0 88.4 132.6

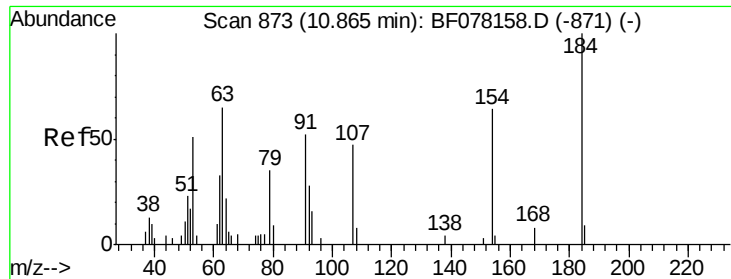


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

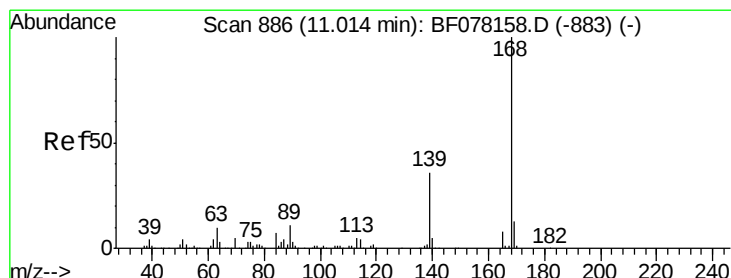
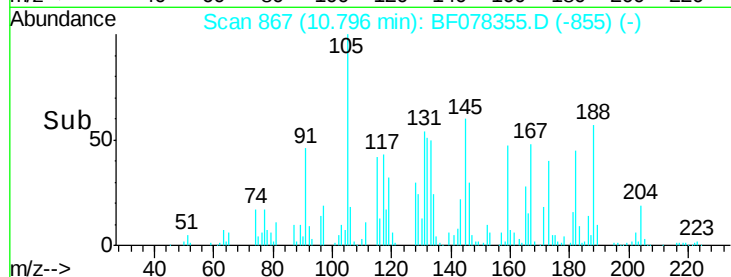
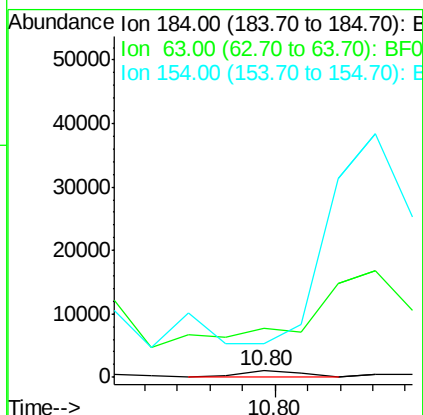
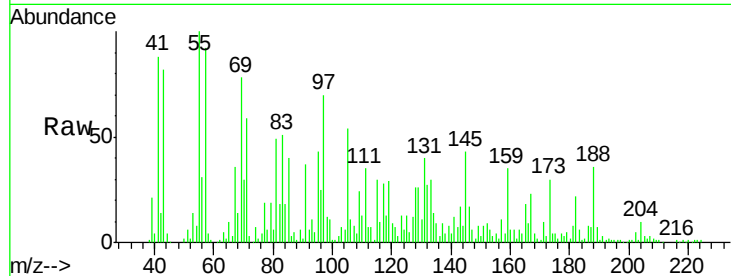




#53
2,4-Dinitrophenol
Concen: 15.31 ng
RT: 10.80 min Scan# 867
Delta R.T. 0.03 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

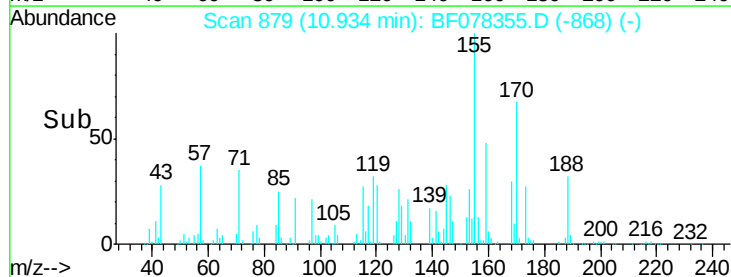
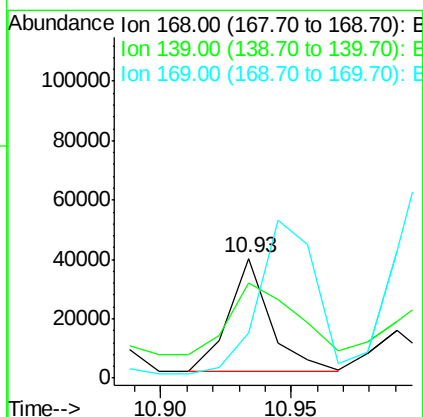
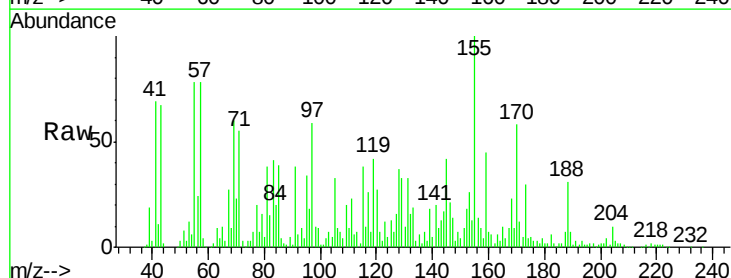
Instrument :
BNA_F
ClientSampleId :
FD-1

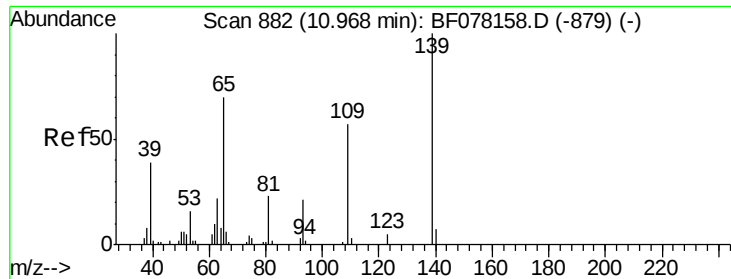
Tgt Ion:184 Resp: 1395
Ion Ratio Lower Upper
184 100
63 787.0 51.9 77.9#
154 538.3 51.0 76.4#



#54
Dibenzofuran
Concen: 12.05 ng
RT: 10.93 min Scan# 879
Delta R.T. 0.02 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

Tgt Ion:168 Resp: 43395
Ion Ratio Lower Upper
168 100
139 79.5 31.0 46.4#
169 37.6 10.7 16.1#

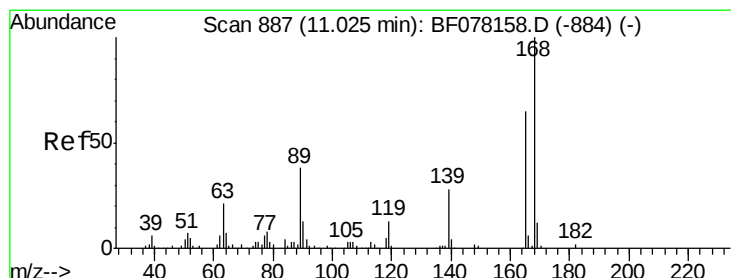
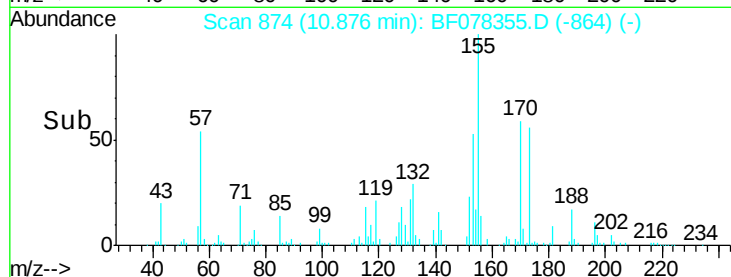
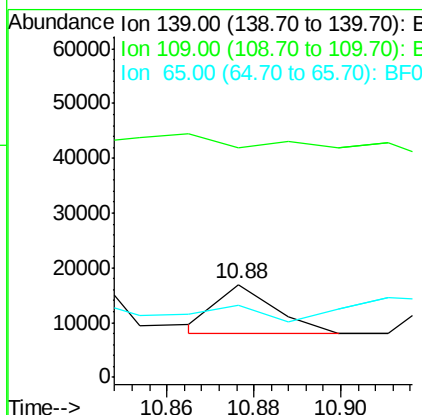
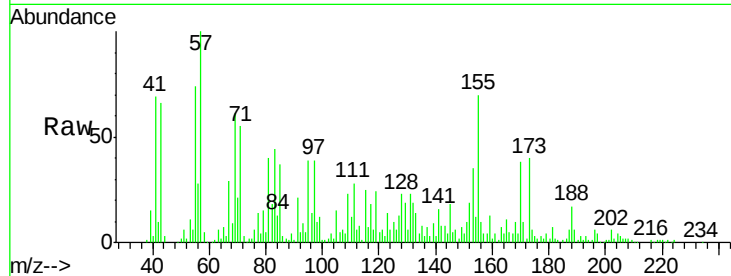




#55
4-Nitrophenol
Concen: 18.28 ng
RT: 10.88 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

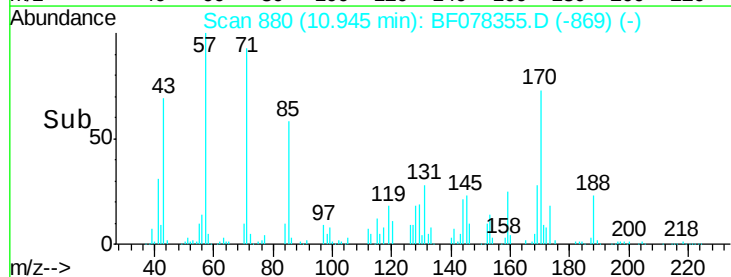
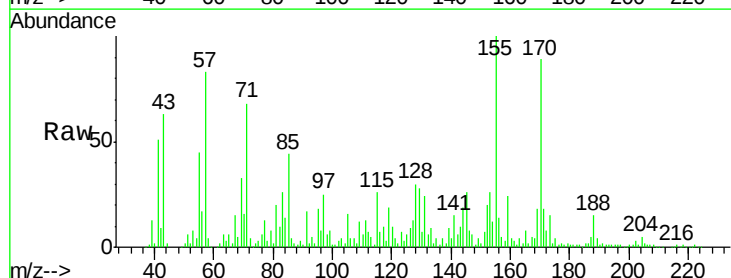
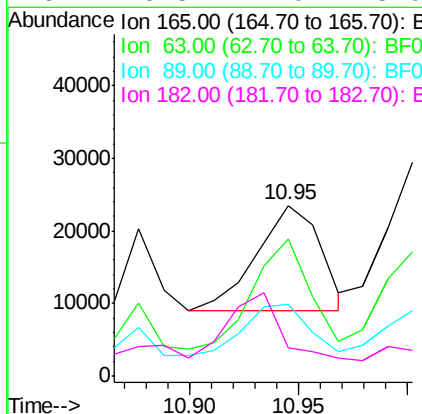
Instrument :
BNA_F
ClientSampled :
FD-1

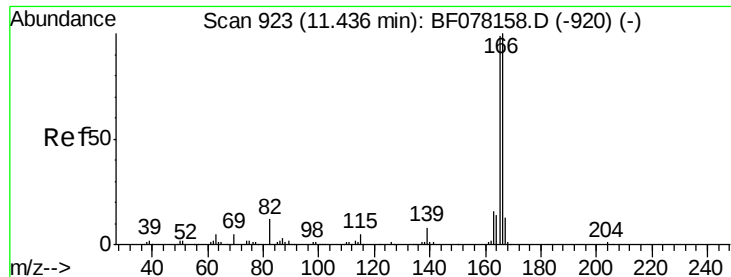
Tgt Ion:139 Resp: 8382
Ion Ratio Lower Upper
139 100
109 247.0 36.7 76.7#
65 77.9 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 37.05 ng
RT: 10.95 min Scan# 880
Delta R.T. 0.02 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

Tgt Ion:165 Resp: 29895
Ion Ratio Lower Upper
165 100
63 80.2 26.5 39.7#
89 41.8 46.4 69.6#
182 16.5 2.0 3.0#

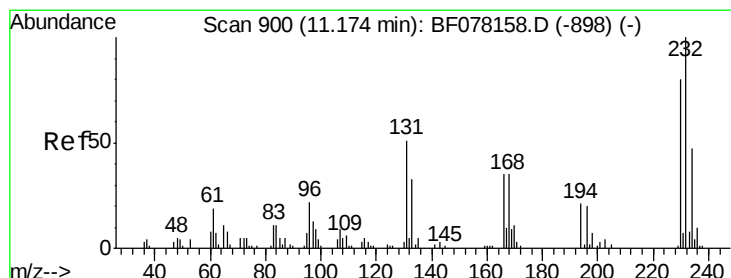
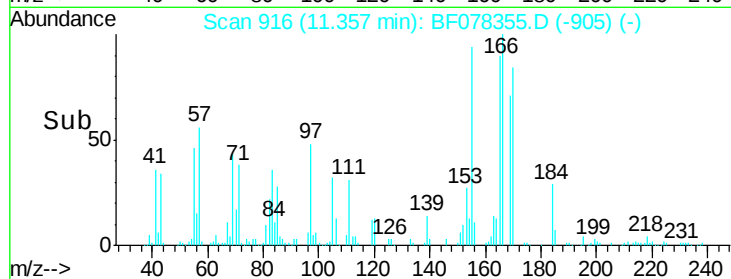
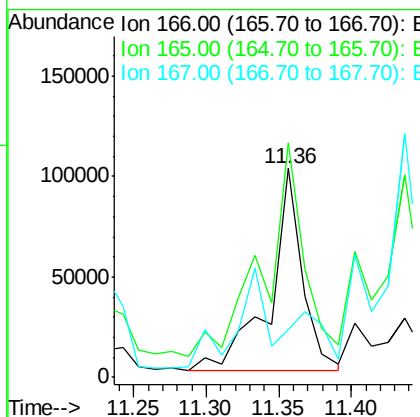
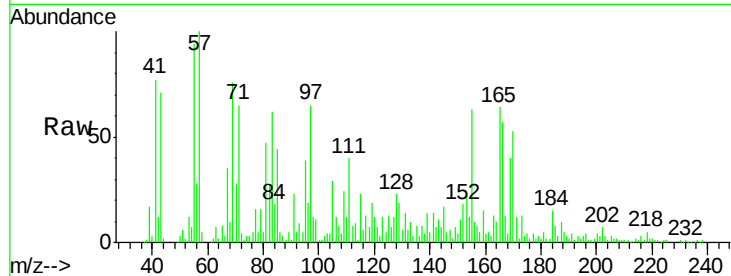




#57
Fluorene
 Concen: 52.86 ng
 RT: 11.36 min Scan# 916
 Delta R.T. 0.02 min
 Lab File: BF078355.D
 Acq: 9 Apr 2015 1:19

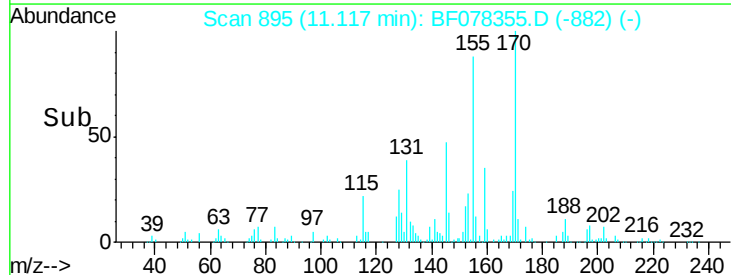
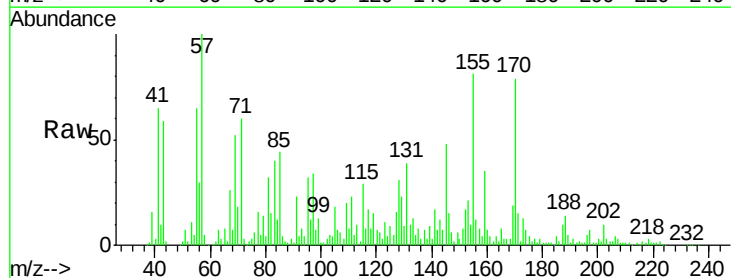
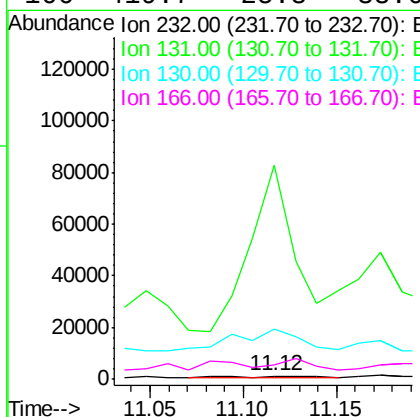
Instrument :
 BNA_F
 ClientSampleId :
 FD-1

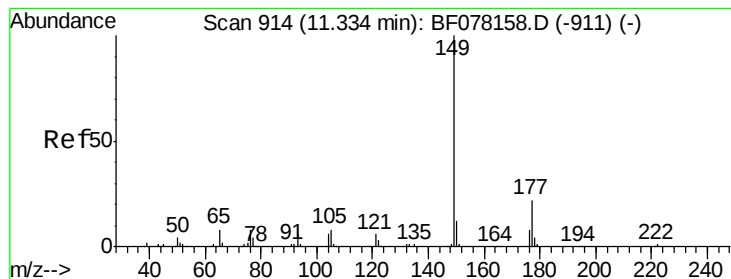
Tgt Ion:166 Resp: 154349
 Ion Ratio Lower Upper
 166 100
 165 112.3 78.9 118.3
 167 23.0 10.7 16.1#



#58
2,3,4,6-Tetrachlorophenol
 Concen: 2.07 ng
 RT: 11.12 min Scan# 895
 Delta R.T. 0.05 min
 Lab File: BF078355.D
 Acq: 9 Apr 2015 1:19

Tgt Ion:232 Resp: 1261
 Ion Ratio Lower Upper
 232 100
 131 8320.5 37.8 56.8#
 130 1523.1 1.5 2.3#
 166 419.7 25.8 38.6#





#59

Diethylphthalate

Concen: 11.46 ng

RT: 11.24 min Scan# 906

Delta R.T. 0.01 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampled :

FD-1

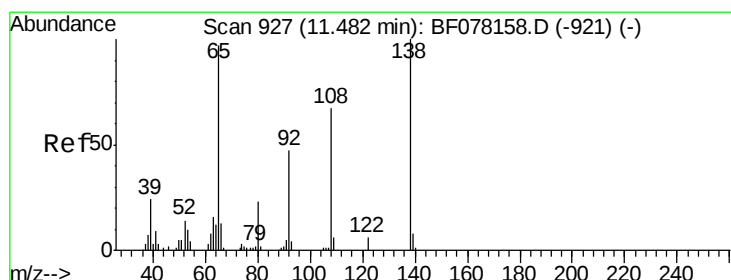
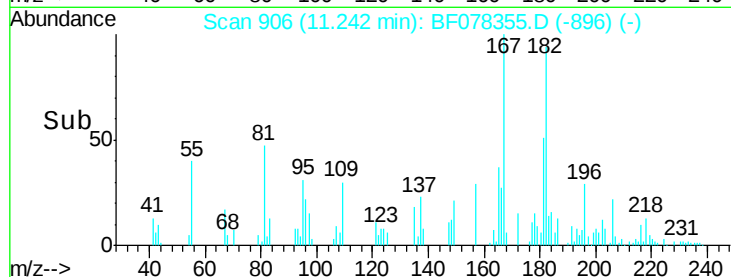
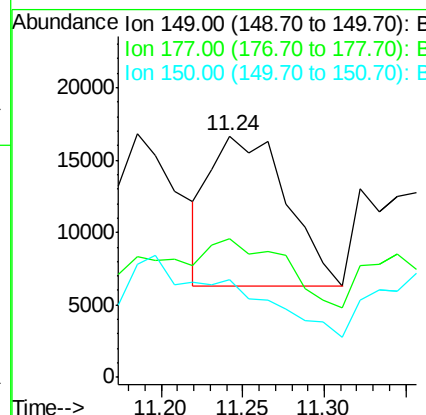
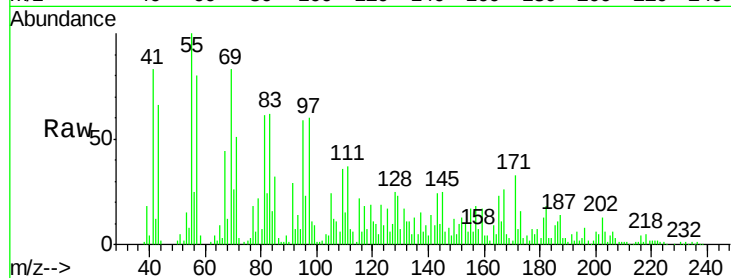
Tgt Ion:149 Resp: 33464

Ion Ratio Lower Upper

149 100

177 57.4 17.4 26.2#

150 40.4 9.4 14.2#



#61

4-Nitroaniline

Concen: 4.46 ng

RT: 11.44 min Scan# 923

Delta R.T. 0.06 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

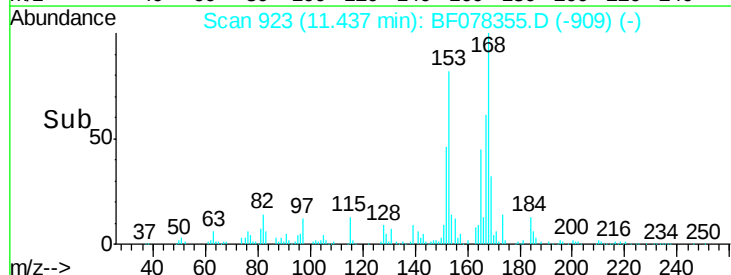
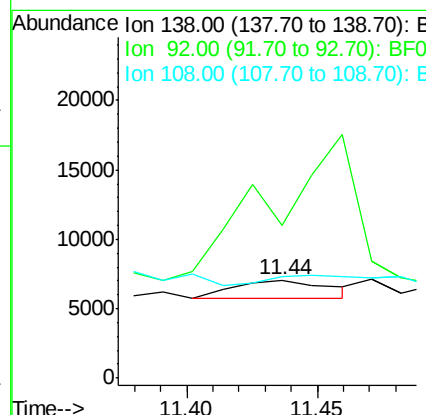
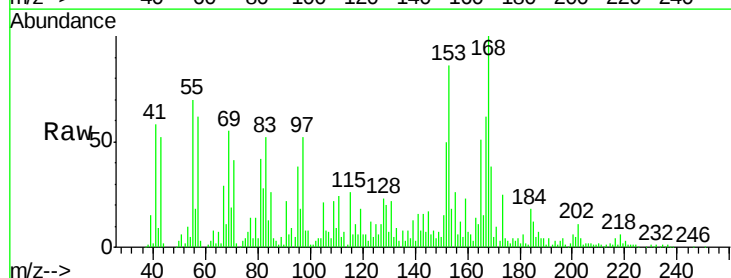
Tgt Ion:138 Resp: 3195

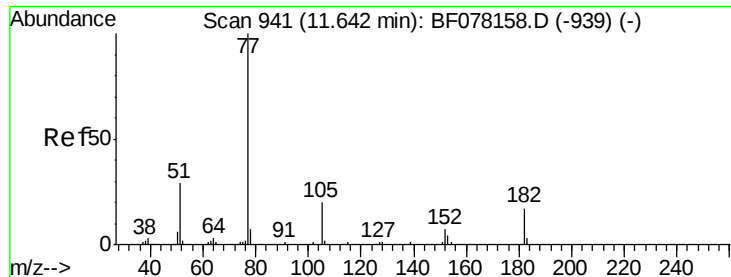
Ion Ratio Lower Upper

138 100

92 155.0 27.3 67.3#

108 103.0 47.2 87.2#





#62

Azobenzene

Concen: 11.33 ng

RT: 11.57 min Scan# 935

Delta R.T. 0.03 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampleId :

FD-1

Tgt Ion: 77 Resp: 30199

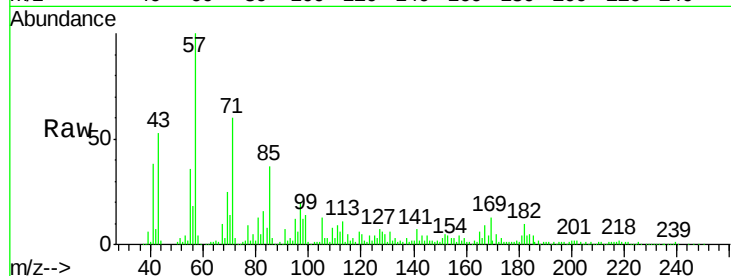
Ion Ratio Lower Upper

77 100

182 120.8 0.0 36.8#

105 147.2 0.3 40.3#

51 35.3 9.1 49.1

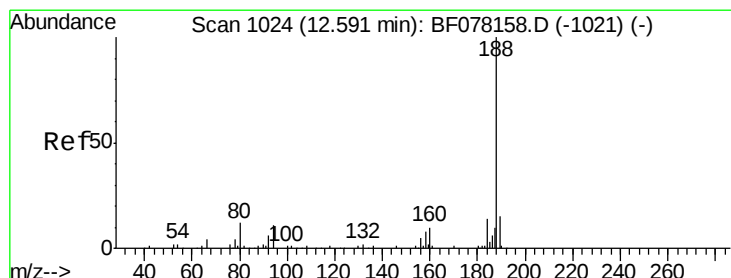
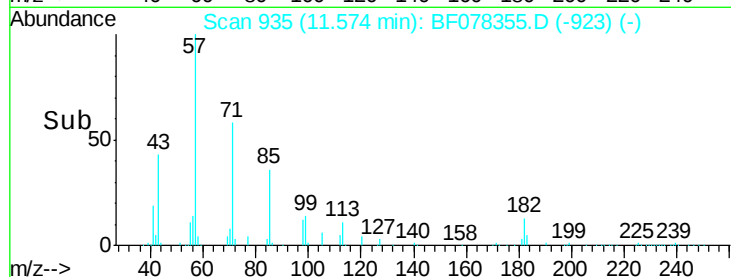
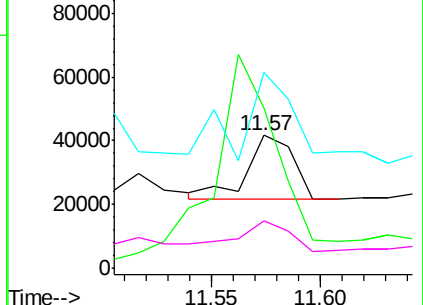


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.51 min Scan# 1017

Delta R.T. 0.03 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

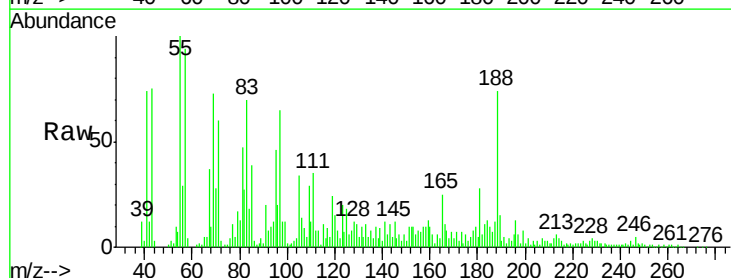
Tgt Ion: 188 Resp: 112623

Ion Ratio Lower Upper

188 100

94 15.6 9.0 13.4#

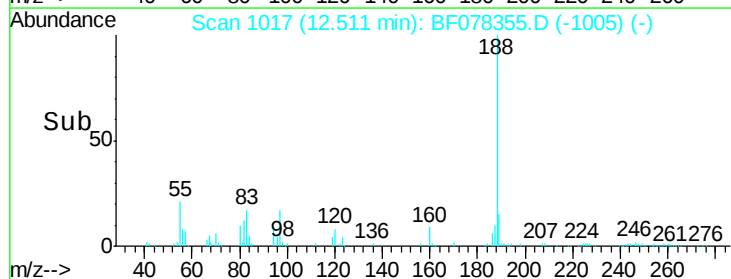
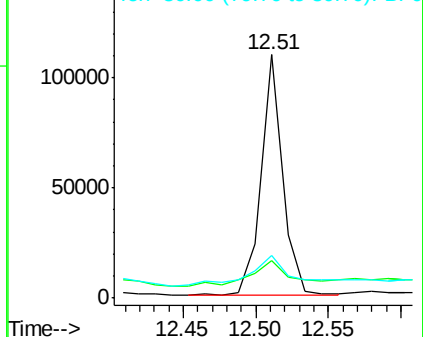
80 17.5 9.5 14.3#

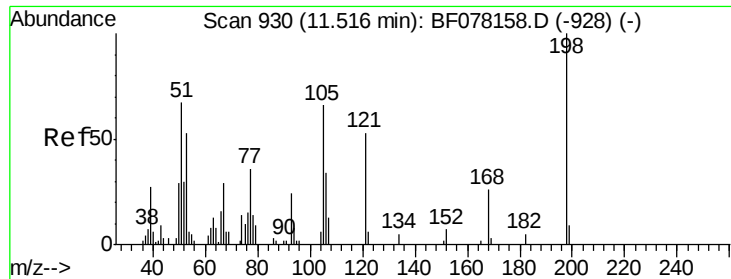


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 10.24 ng

RT: 11.47 min Scan# 926

Delta R.T. 0.06 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampleId :

FD-1

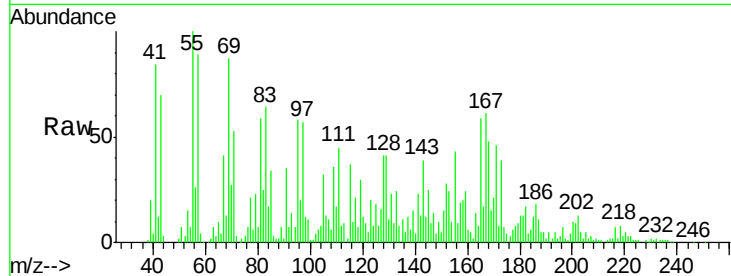
Tgt Ion:198 Resp: 1144

Ion Ratio Lower Upper

198 100

51 837.4 48.6 88.6#

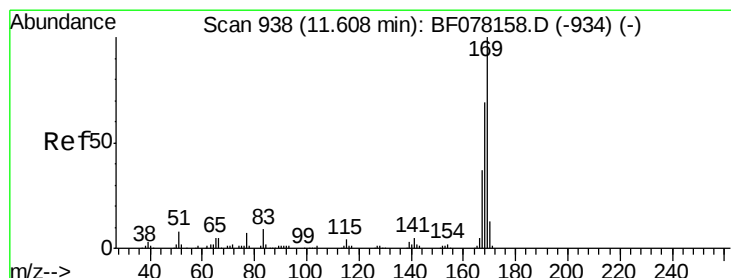
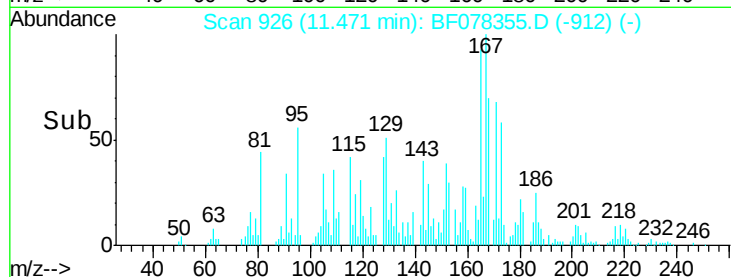
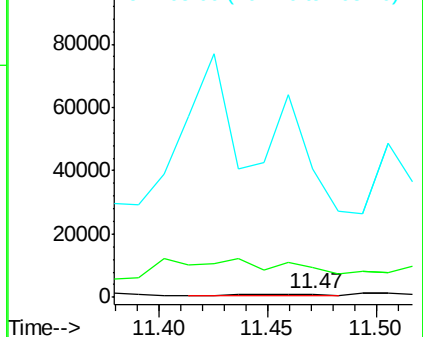
105 3593.7 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 54.62 ng

RT: 11.52 min Scan# 930

Delta R.T. 0.02 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

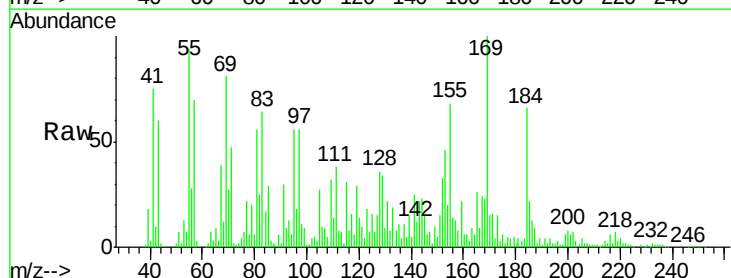
Tgt Ion:169 Resp: 212771

Ion Ratio Lower Upper

169 100

168 23.2 55.0 82.4#

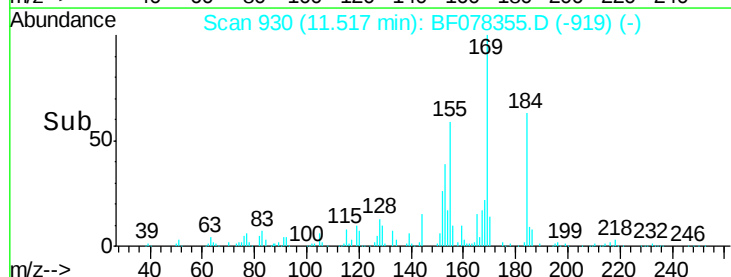
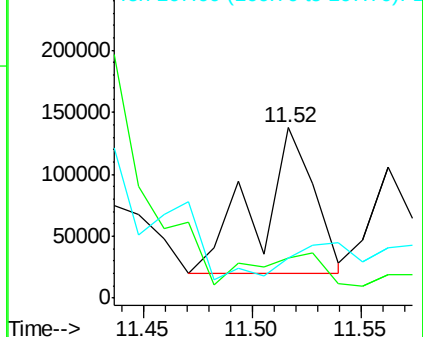
167 23.5 29.3 43.9#

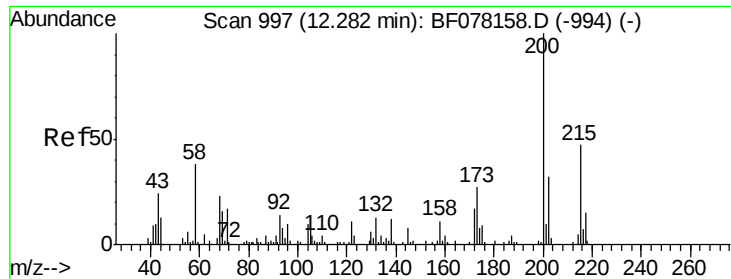


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Atrazine

Concen: 34.00 ng

RT: 12.19 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampled :

FD-1

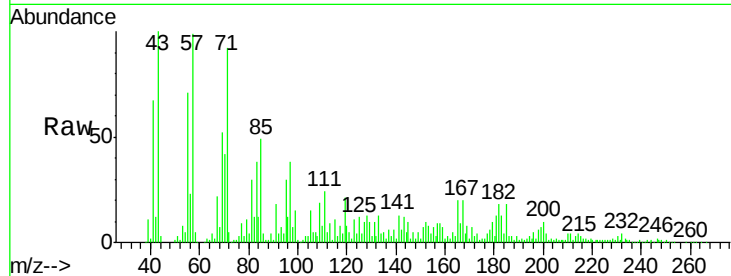
Tgt Ion:200 Resp: 38358

Ion Ratio Lower Upper

200 100

173 38.6 6.9 46.9

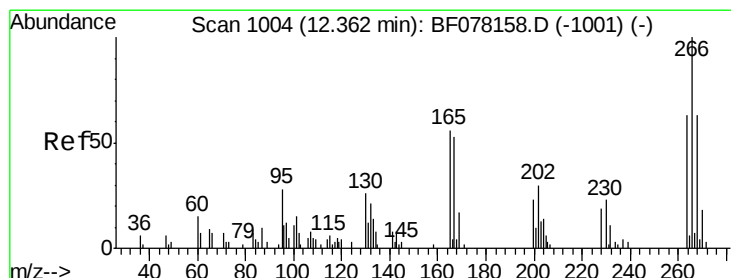
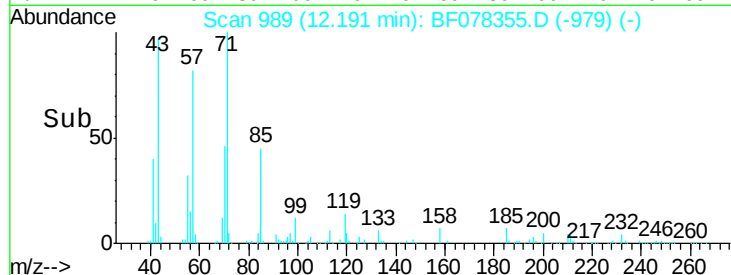
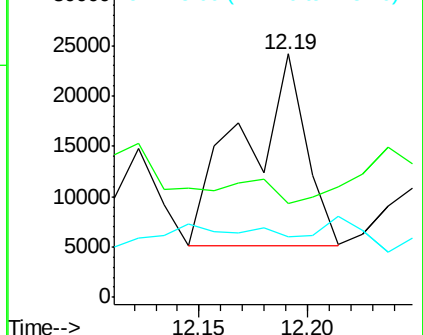
215 24.6 27.1 67.1#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 9.29 ng

RT: 12.28 min Scan# 997

Delta R.T. 0.02 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

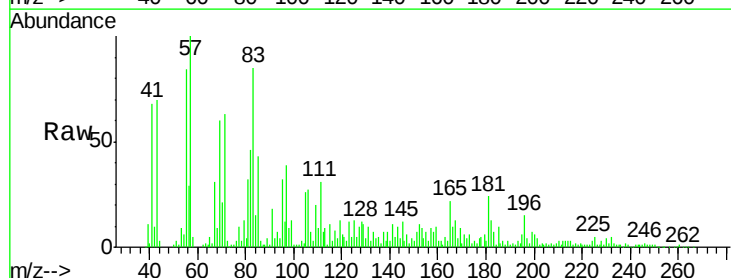
Tgt Ion:266 Resp: 981

Ion Ratio Lower Upper

266 100

268 0.0 50.1 75.1#

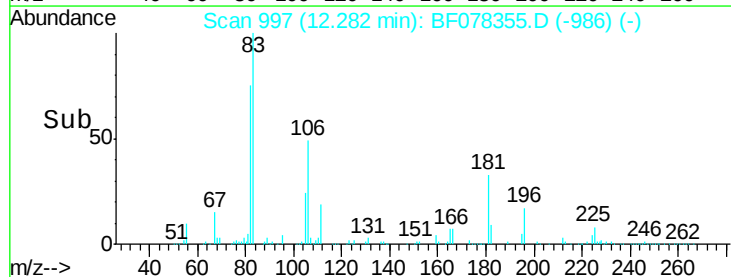
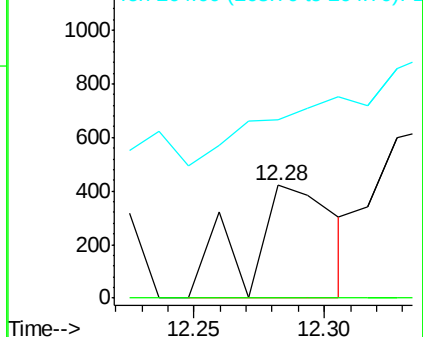
264 158.7 50.0 75.0#

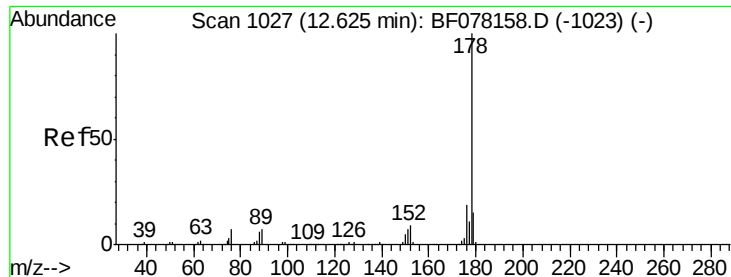


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

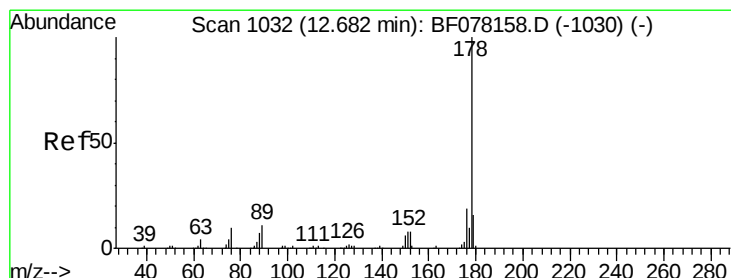
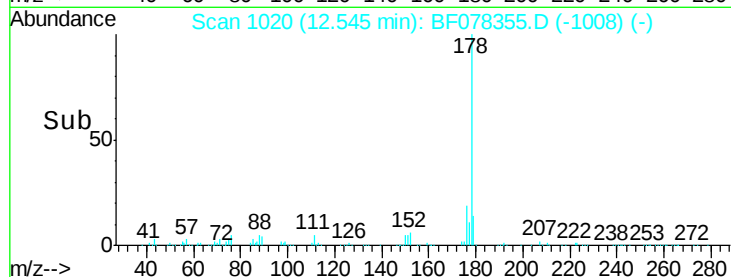
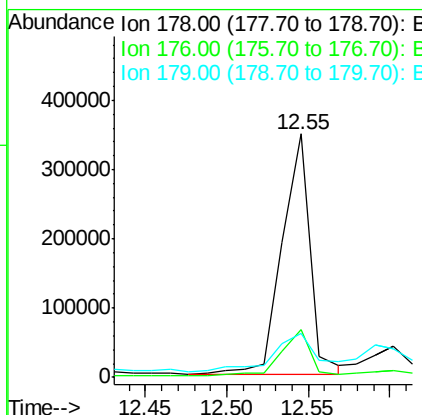
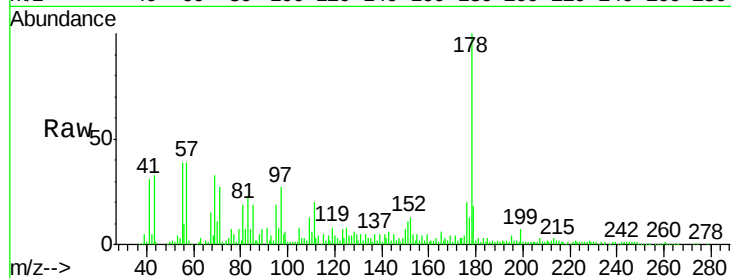




#70
Phenanthrene
Concen: 63.39 ng
RT: 12.55 min Scan# 1020
Delta R.T. 0.03 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

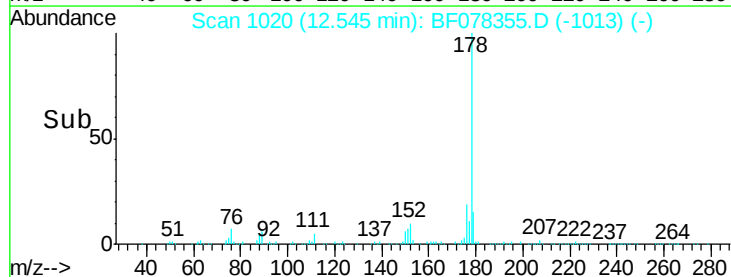
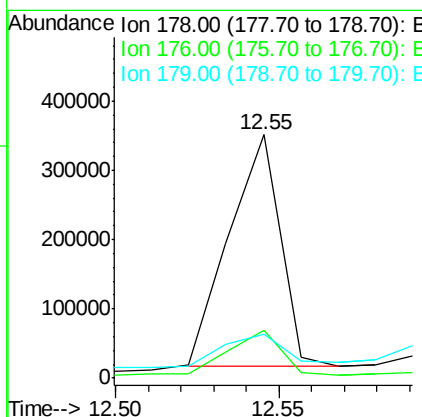
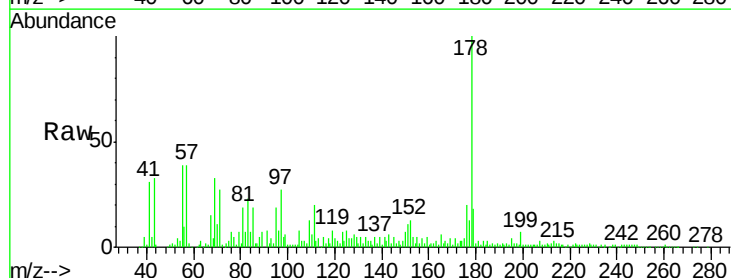
Instrument :
BNA_F
ClientSampleId :
FD-1

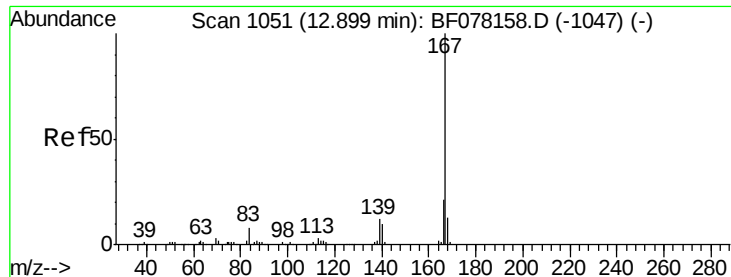
Tgt Ion:178 Resp: 412967
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 18.2 12.2 18.2



#71
Anthracene
Concen: 56.32 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF078355.D
Acq: 9 Apr 2015 1:19

Tgt Ion:178 Resp: 361566
Ion Ratio Lower Upper
178 100
176 19.5 14.8 22.2
179 18.2 12.4 18.6





#72

Carbazole

Concen: 3.87 ng

RT: 12.81 min Scan# 1043

Delta R.T. 0.02 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampleId :

FD-1

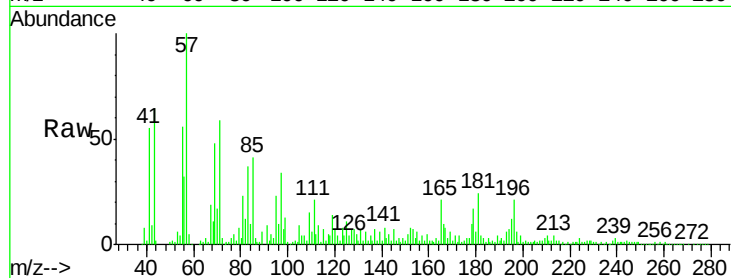
Tgt Ion:167 Resp: 23261

Ion Ratio Lower Upper

167 100

166 118.3 16.8 25.2#

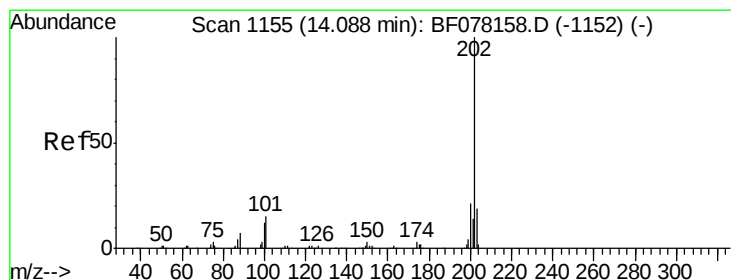
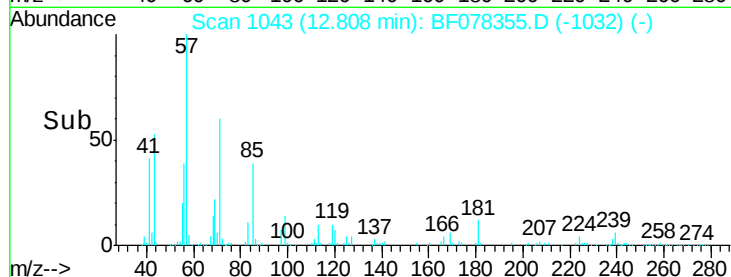
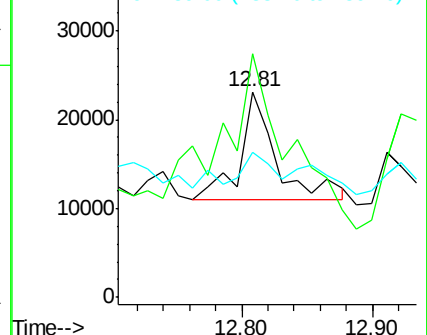
139 70.2 10.0 15.0#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 2.44 ng

RT: 14.01 min Scan# 1148

Delta R.T. 0.03 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

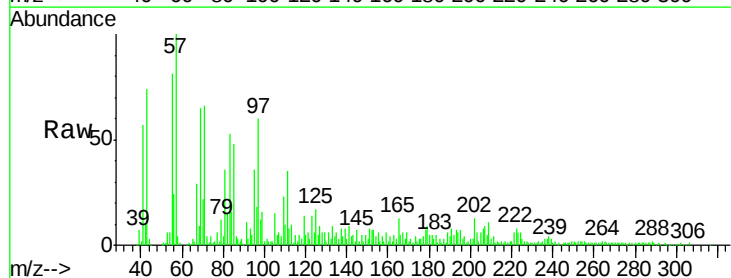
Tgt Ion:202 Resp: 16730

Ion Ratio Lower Upper

202 100

101 25.8 0.0 35.2

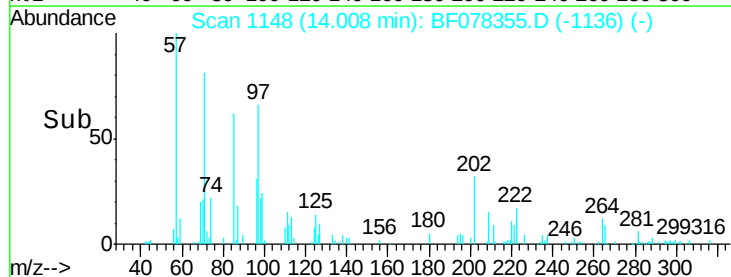
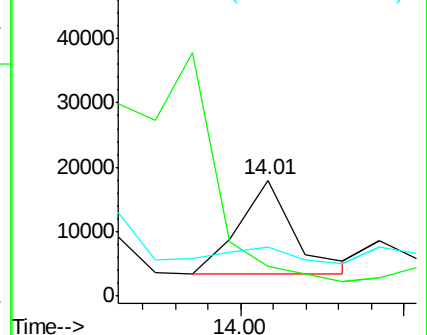
203 42.8 0.0 38.5#

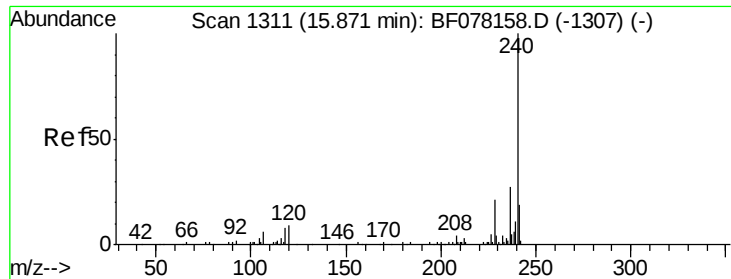


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.77 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

Instrument :

BNA_F

ClientSampleId :

FD-1

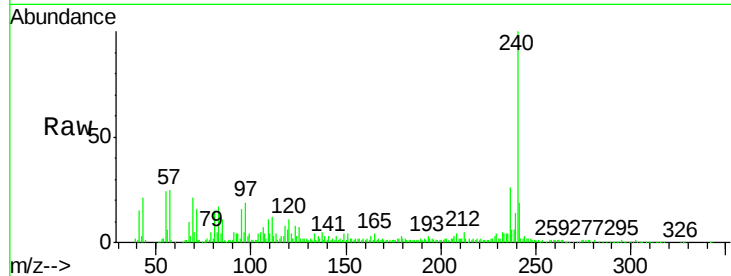
Tgt Ion:240 Resp: 144872

Ion Ratio Lower Upper

240 100

120 10.6 7.1 10.7

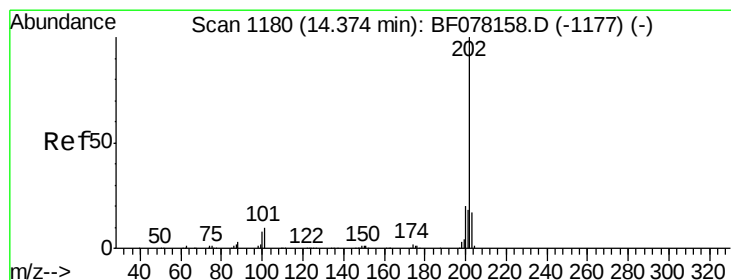
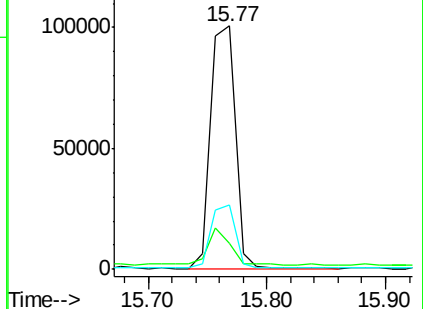
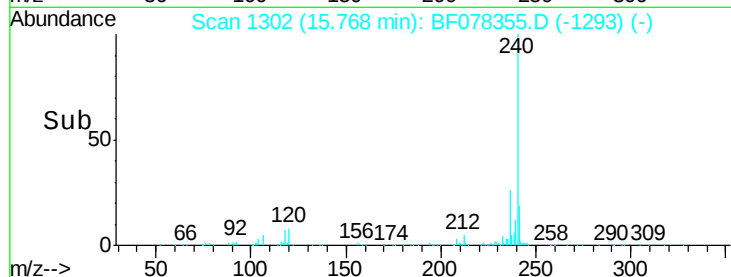
236 26.3 21.4 32.2



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



#77

Pyrene

Concen: 14.03 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.03 min

Lab File: BF078355.D

Acq: 9 Apr 2015 1:19

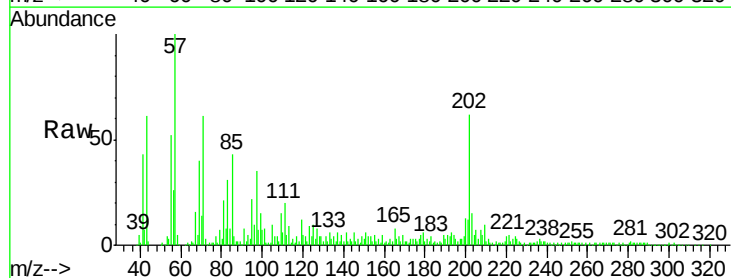
Tgt Ion:202 Resp: 127624

Ion Ratio Lower Upper

202 100

200 21.0 16.3 24.5

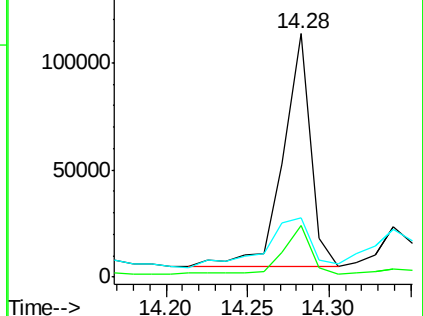
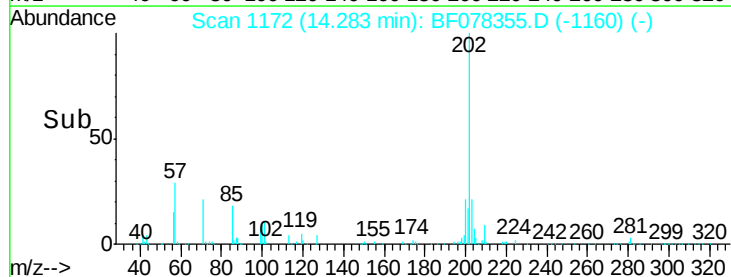
203 24.4 13.8 20.6#

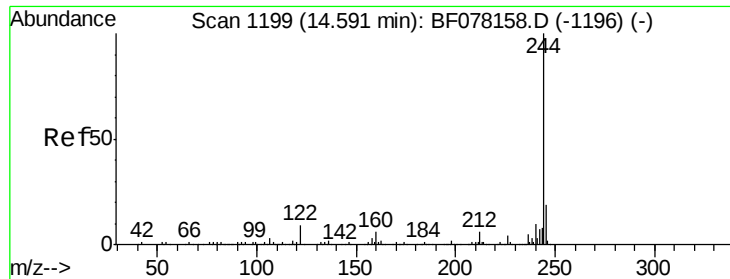


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

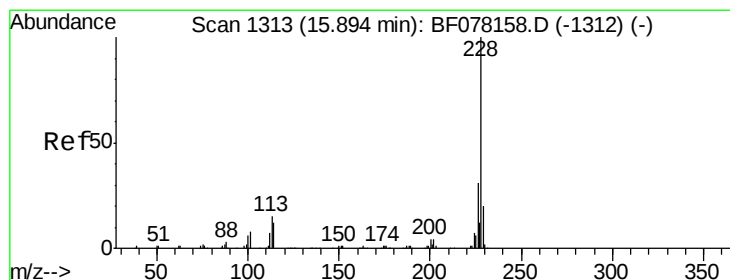
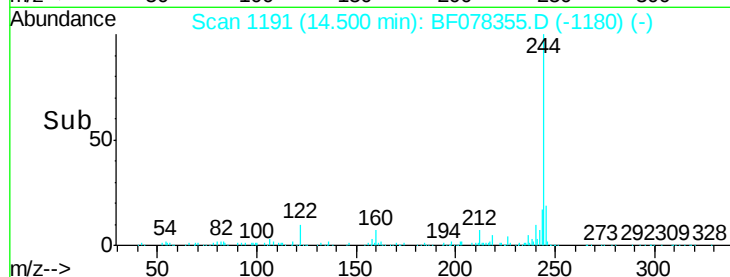
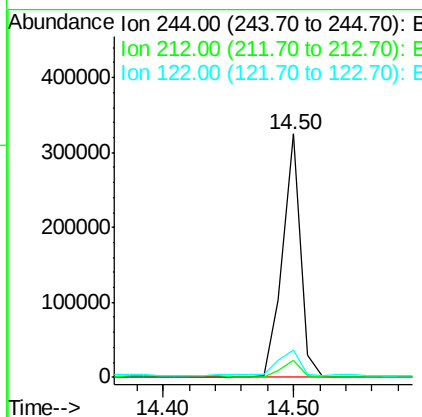
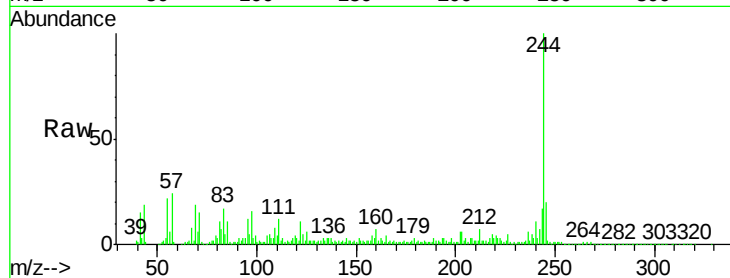




#78
 Terphenyl-d14
 Concen: 49.27 ng
 RT: 14.50 min Scan# 1191
 Delta R.T. 0.02 min
 Lab File: BF078355.D
 Acq: 9 Apr 2015 1:19

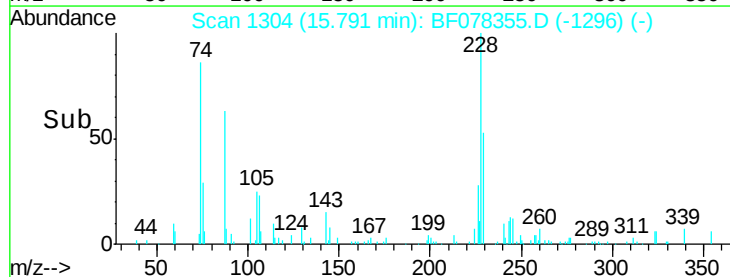
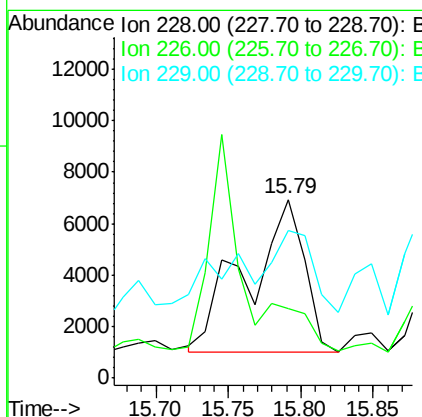
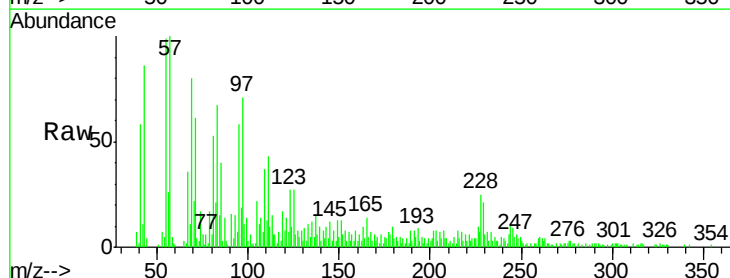
Instrument :
 BNA_F
 ClientSampleId :
 FD-1

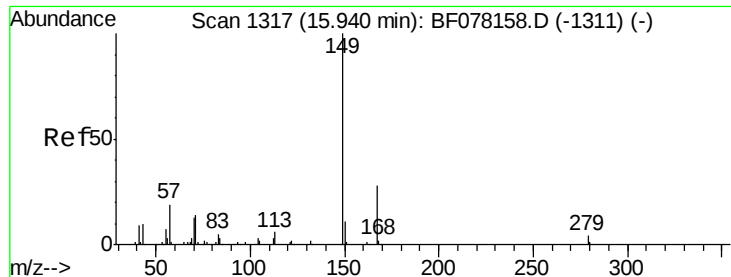
Tgt Ion: 244 Resp: 315901
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 11.0 7.1 10.7#



#82
 Chrysene
 Concen: 2.01 ng
 RT: 15.79 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF078355.D
 Acq: 9 Apr 2015 1:19

Tgt Ion: 228 Resp: 16280
 Ion Ratio Lower Upper
 228 100
 226 39.2 24.2 36.4#
 229 83.0 15.8 23.8#

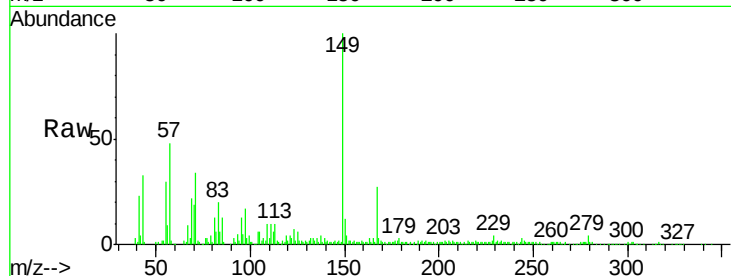




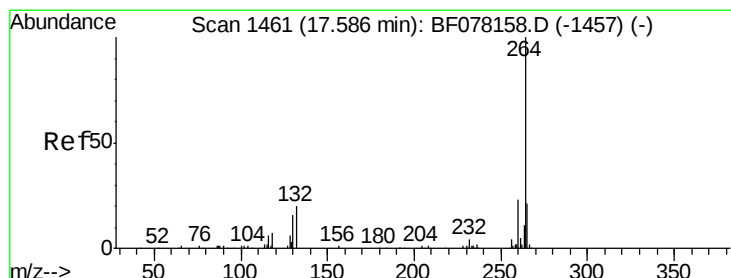
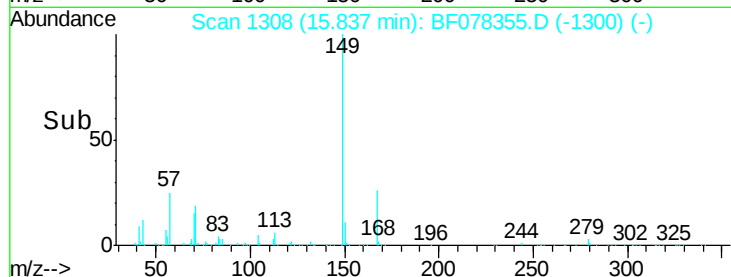
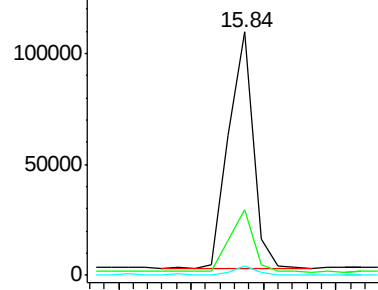
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.04 ng
 RT: 15.84 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF078355.D
 Acq: 9 Apr 2015 1:19

Instrument :
 BNA_F
 ClientSampleId :
 FD-1

Tgt Ion:149 Resp: 125240
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.2 33.2
 279 3.8 3.2 4.8

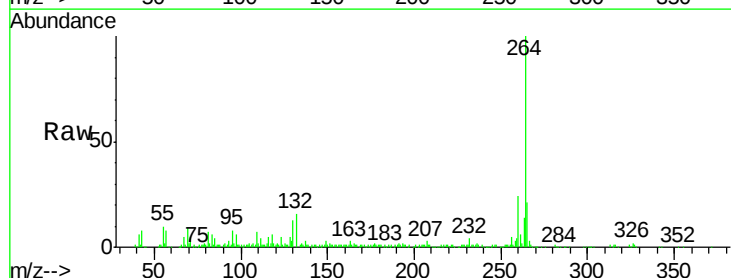


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.51 min Scan# 1454
 Delta R.T. -0.07 min
 Lab File: BF078355.D
 Acq: 9 Apr 2015 1:19

Tgt Ion:264 Resp: 140522
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.1 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

