

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078322.D
 Acq On : 8 Apr 2015 5:06
 Operator : TP/IZ
 Sample : G1783-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-1

Quant Time: Apr 08 04:48:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 03:14:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	34197	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	114607	20.00	ng	0.01
38) Acenaphthene-d10	10.69	164	37130	20.00	ng	0.02
63) Phenanthrene-d10	12.53	188	104541	20.00	ng	0.03
75) Chrysene-d12	15.78	240	136937	20.00	ng	0.01
86) Perylene-d12	17.46	264	140241	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	156741	75.57	ng	0.01
7) Phenol-d6	6.53	99	209872	80.74	ng	0.01
23) Nitrobenzene-d5	7.63	82	196907	104.14	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	35487	115.24	ng	0.02
44) 2-Fluorobiphenyl	9.87	172	251616	96.87	ng	0.01
78) Terphenyl-d14	14.52	244	297865	49.15	ng	0.02

Target Compounds						Qvalue
9) Benzaldehyde	6.34	77	44251	25.69	ng	# 1
10) Phenol	6.54	94	7483	2.40	ng	# 1
15) Benzyl Alcohol	7.13	79	11044	6.05	ng	# 56
17) 2-Methylphenol	7.30	107	5236	2.75	ng	# 1
18) Hexachloroethane	7.53	117	36756	40.19	ng	# 1
19) n-Nitroso-di-n-propylamine	7.46	70	36405	21.23	ng	# 47
22) Acetophenone	7.44	105	358289	134.17	ng	# 62
24) Nitrobenzene	7.62	77	62246	31.49	ng	# 23
25) Isophorone	7.93	82	101462	28.27	ng	# 1
26) 2-Nitrophenol	8.09	139	13155	13.97	ng	# 1
28) bis(2-Chloroethoxy)methane	8.25	93	16357	7.11	ng	# 1
29) 2,4-Dichlorophenol	8.35	162	14390	9.03	ng	# 5
31) Naphthalene	8.54	128	476938	79.95	ng	# 98
32) Benzoic acid	8.27	122	7593	13.90	ng	# 1
35) Caprolactam	9.05	113	26446	55.60	ng	# 1
36) 4-Chloro-3-methylphenol	9.31	107	9609	5.98	ng	# 42
37) 2-Methylnaphthalene	9.41	142	828399	204.55	ng	# 94
42) 2,4,6-Trichlorophenol	9.79	196	5853	8.07	ng	# 13
43) 2,4,5-Trichlorophenol	9.84	196	3288	4.34	ng	# 1
45) 1,1'-Biphenyl	10.00	154	159692	52.58	ng	# 97
47) 2-Nitroaniline	10.16	65	8572	14.50	ng	# 1
48) Acenaphthylene	10.52	152	26200	6.79	ng	# 1
49) Dimethylphthalate	10.38	163	22725	8.15	ng	# 76
50) 2,6-Dinitrotoluene	10.46	165	4577	7.98	ng	# 82
51) Acenaphthene	10.74	154	79910	36.78	ng	# 91
52) 3-Nitroaniline	10.67	138	6567	10.06	ng	# 53
53) 2,4-Dinitrophenol	10.82	184	1107	14.30	ng	# 1
54) Dibenzofuran	10.95	168	39672	11.96	ng	# 40
55) 4-Nitrophenol	10.90	139	8036	18.91	ng	# 1
56) 2,4-Dinitrotoluene	10.97	165	27051	36.39	ng	# 61
57) Fluorene	11.38	166	142840	53.11	ng	# 78
58) 2,3,4,6-Tetrachlorophenol	11.14	232	1413	2.51	ng	# 1
59) Diethylphthalate	11.27	149	32137	11.95	ng	# 30
61) 4-Nitroaniline	11.46	138	2311	3.50	ng	# 23

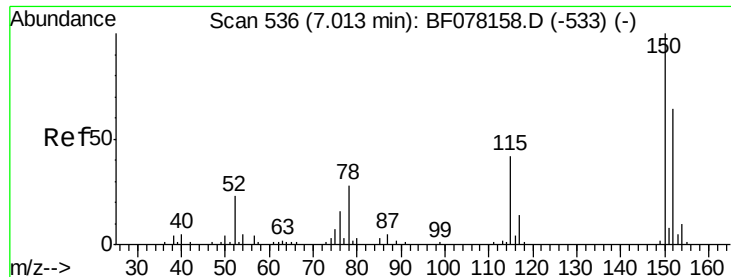
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078322.D
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 Operator : TP/IZ
 Sample : G1783-02
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) Azobenzene	11.60	77	29897	12.18	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.48	198	1265	10.57	ng	# 1
65) n-Nitrosodiphenylamine	11.54	169	220847	61.07	ng	# 67
68) Atrazine	12.21	200	34549	32.99	ng	# 65
69) Pentachlorophenol	12.31	266	1519	10.31	ng	# 36
70) Phenanthrene	12.56	178	383633	63.44	ng	# 95
71) Anthracene	12.61	178	30764	5.16	ng	# 1
72) Carbazole	12.83	167	27243	4.88	ng	# 1
74) Fluoranthene	14.03	202	19944	3.13	ng	# 41
77) Pyrene	14.31	202	127147	14.79	ng	# 93
83) Bis(2-ethylhexyl)phthalate	15.85	149	127748	24.86	ng	99

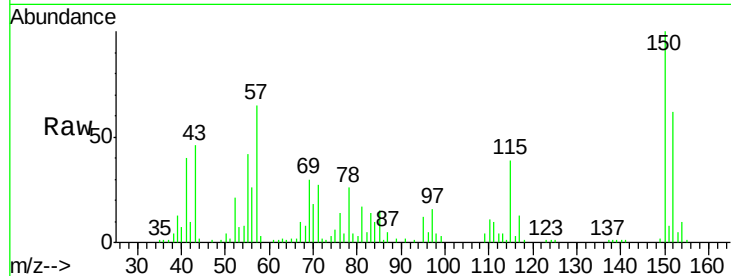
(#) = qualifier out of range (m) = manual integration (+) = signals summed



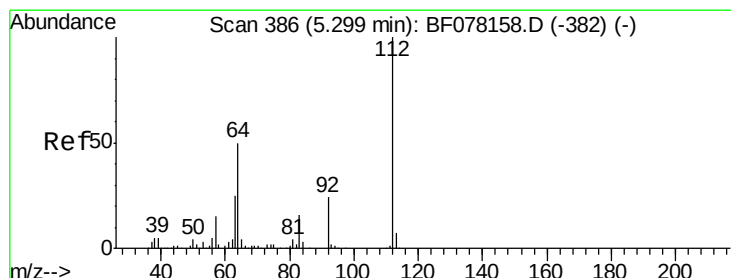
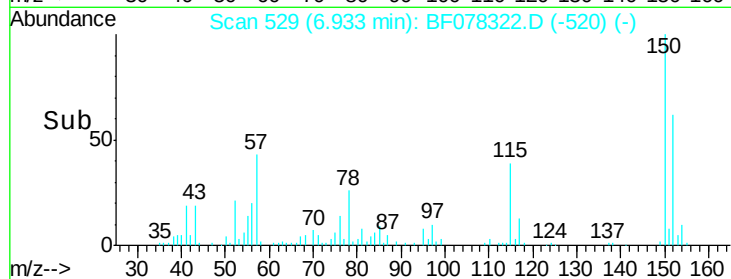
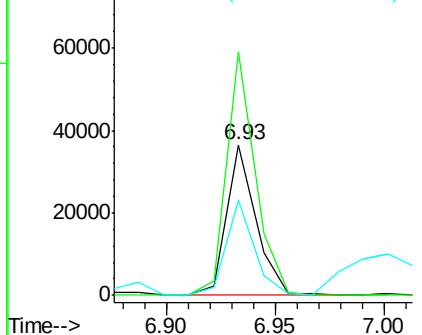
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF078322.D
 Acq: 8 Apr 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :
 FD-1

Tgt Ion:152 Resp: 34197
 Ion Ratio Lower Upper
 152 100
 150 162.0 125.9 188.9
 115 63.5 52.7 79.1

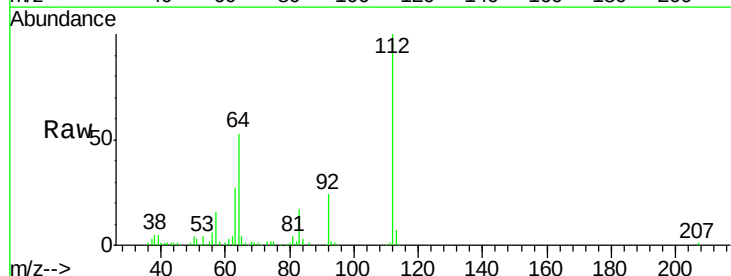


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

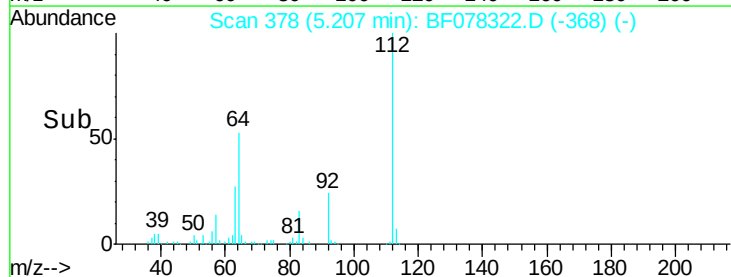
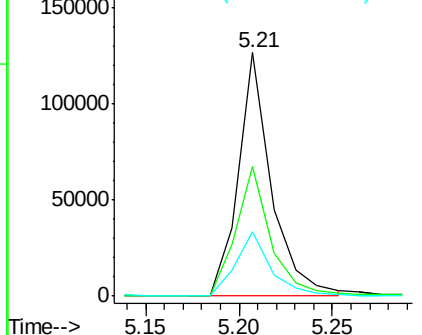


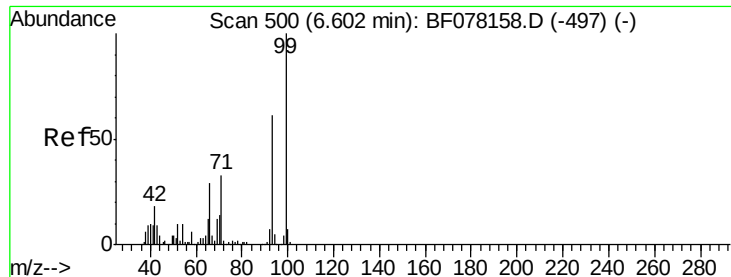
#5
 2-Fluorophenol
 Concen: 75.57 ng
 RT: 5.21 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: BF078322.D
 Acq: 8 Apr 2015 5:06

Tgt Ion:112 Resp: 156741
 Ion Ratio Lower Upper
 112 100
 64 53.4 39.9 59.9
 63 26.7 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: 80.74 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampled :

FD-1

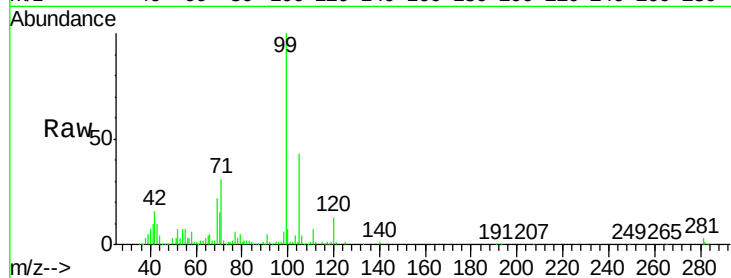
Tgt Ion: 99 Resp: 209872

Ion Ratio Lower Upper

99 100

42 16.3 14.8 22.2

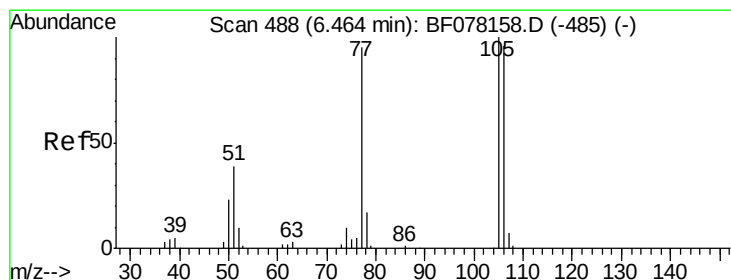
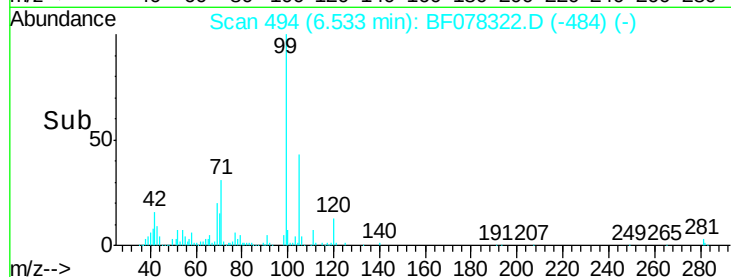
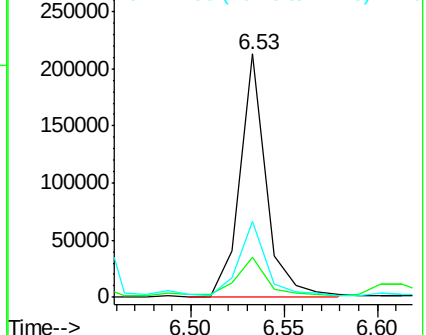
71 31.3 26.6 39.8



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: 25.69 ng

RT: 6.34 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

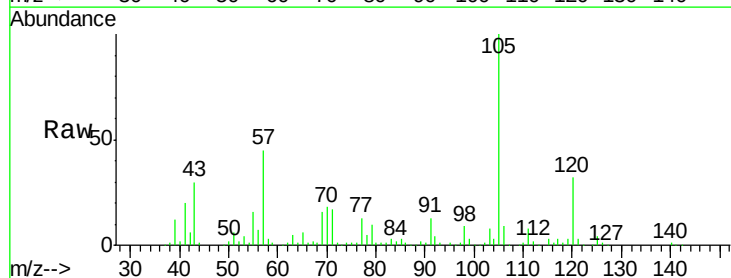
Tgt Ion: 77 Resp: 44251

Ion Ratio Lower Upper

77 100

105 761.1 85.4 125.4#

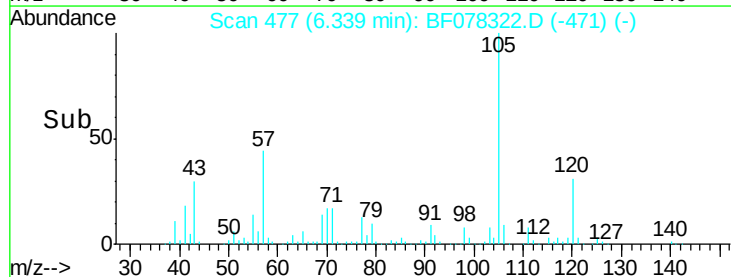
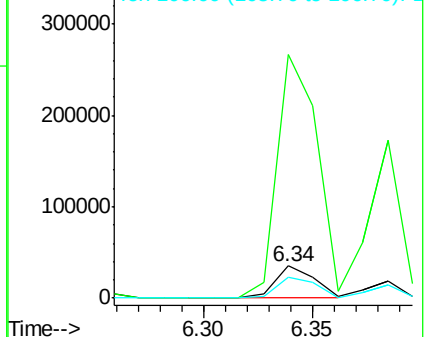
106 66.5 80.8 120.8#

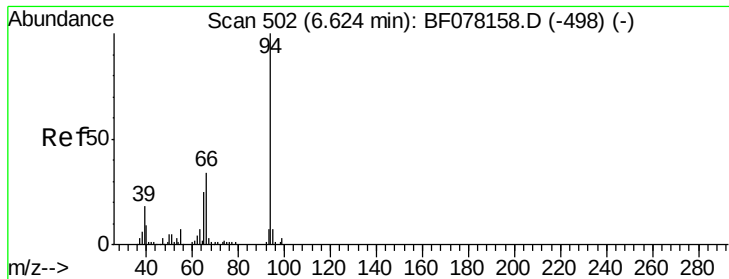


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

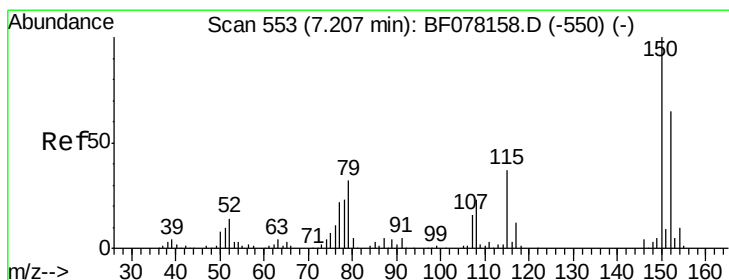
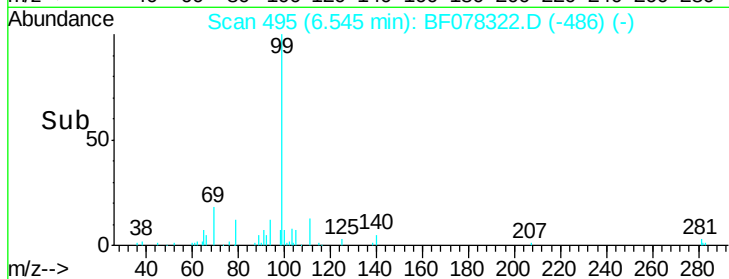
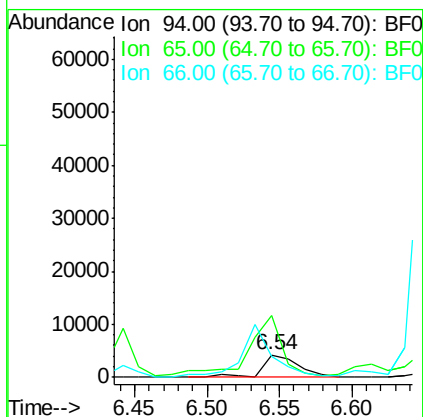
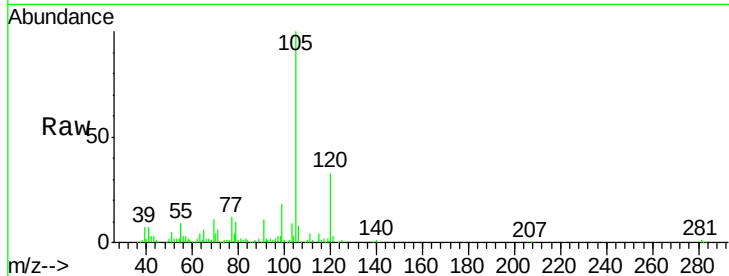




#10
Phenol
Concen: 2.40 ng
RT: 6.54 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

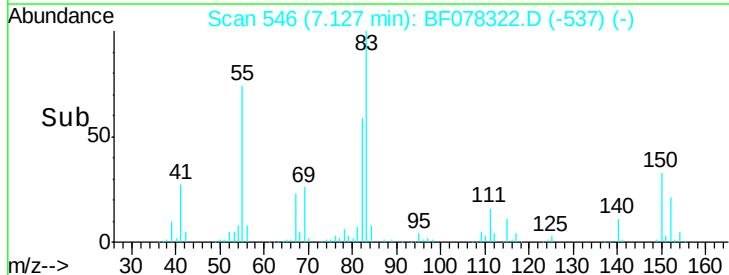
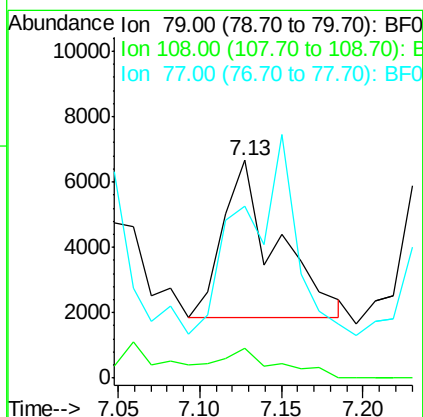
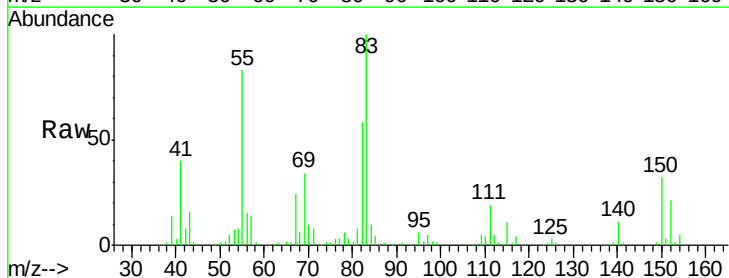
Instrument :
BNA_F
ClientSampled :
FD-1

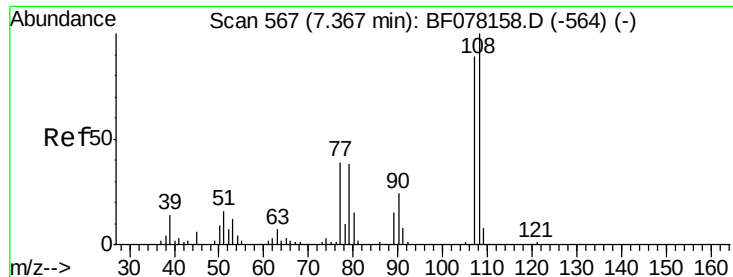
Tgt Ion: 94 Resp: 7483
Ion Ratio Lower Upper
94 100
65 273.1 4.9 44.9#
66 91.4 13.8 53.8#



#15
Benzyl Alcohol
Concen: 6.05 ng
RT: 7.13 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

Tgt Ion: 79 Resp: 11044
Ion Ratio Lower Upper
79 100
108 13.7 57.6 86.4#
77 79.0 53.5 80.3

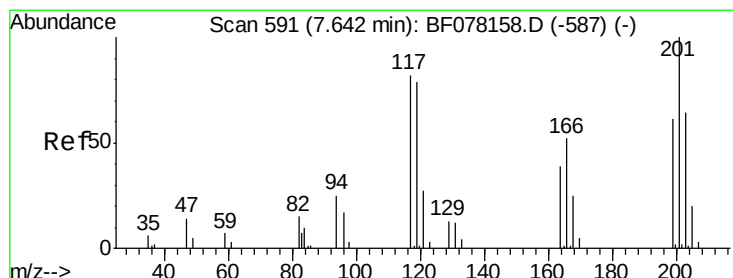
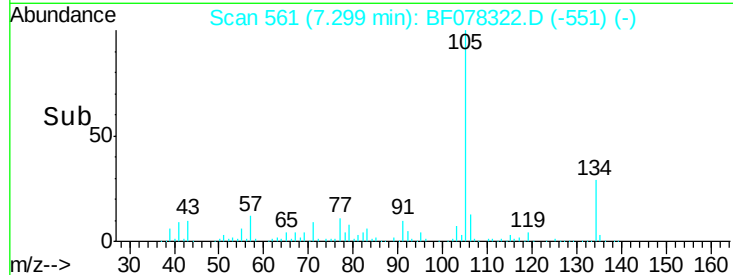
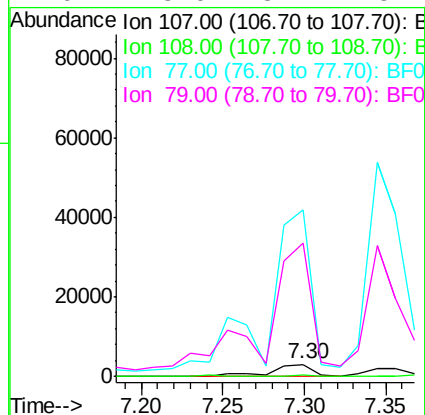
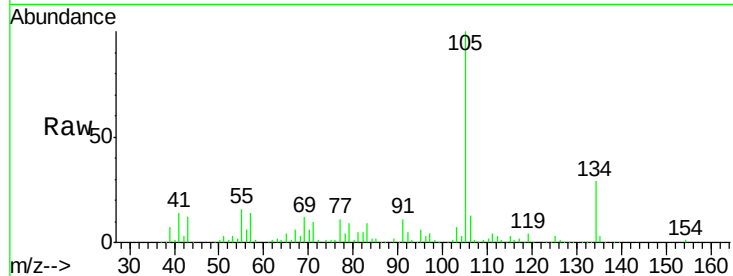




#17
2-Methylphenol
Concen: 2.75 ng
RT: 7.30 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

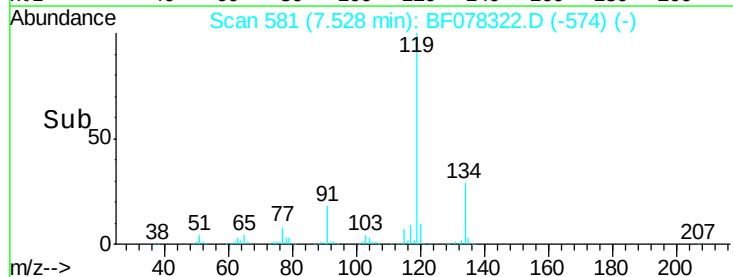
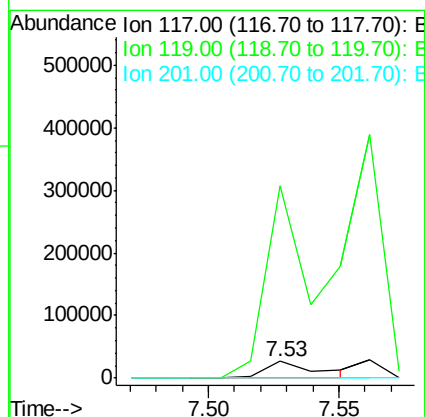
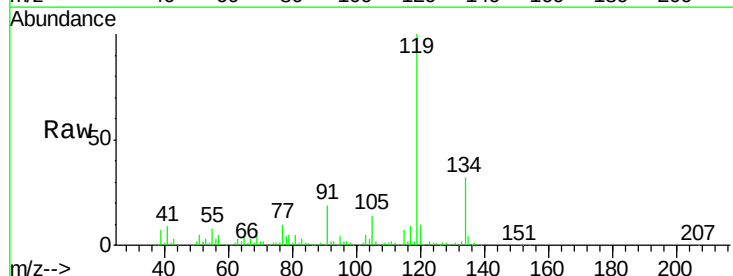
Instrument :
BNA_F
ClientSampleId :
FD-1

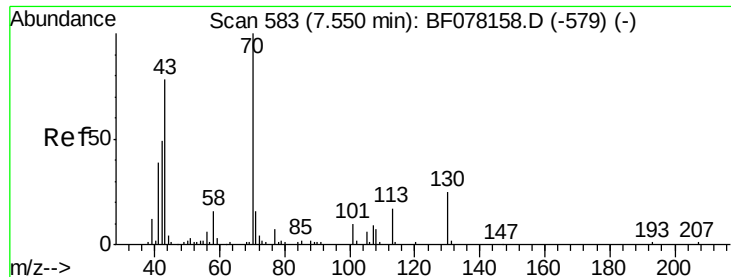
Tgt Ion:107 Resp: 5236
Ion Ratio Lower Upper
107 100
108 11.4 90.3 135.5#
77 1394.1 35.5 53.3#
79 1118.9 34.2 51.4#



#18
Hexachloroethane
Concen: 40.19 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

Tgt Ion:117 Resp: 36756
Ion Ratio Lower Upper
117 100
119 1139.0 77.0 115.6#
201 0.0 98.1 147.1#





#19

n-Nitroso-di-n-propylamine

Concen: 21.23 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampleId :

FD-1

Tgt Ion: 70 Resp: 36405

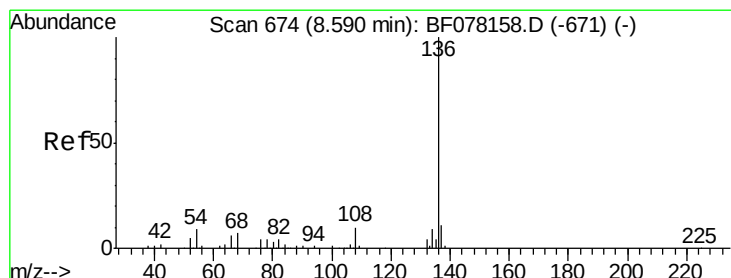
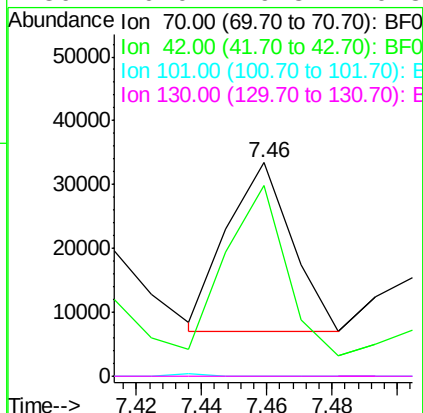
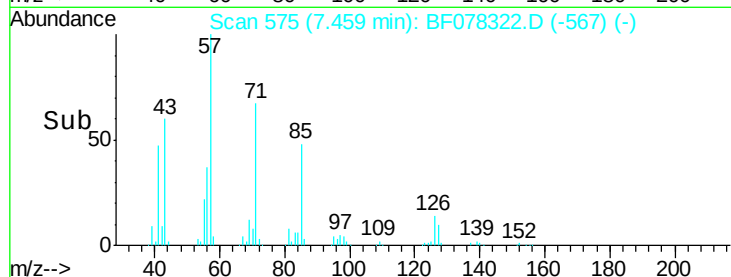
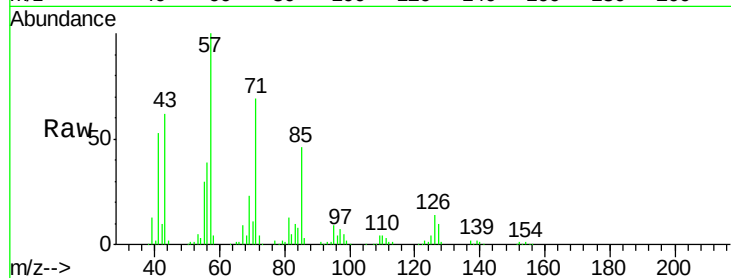
Ion Ratio Lower Upper

70 100

42 89.4 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: 8.52 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Tgt Ion: 136 Resp: 114607

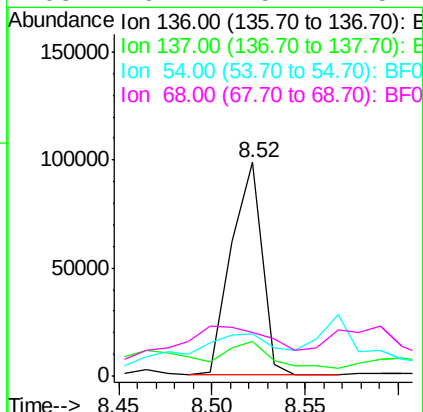
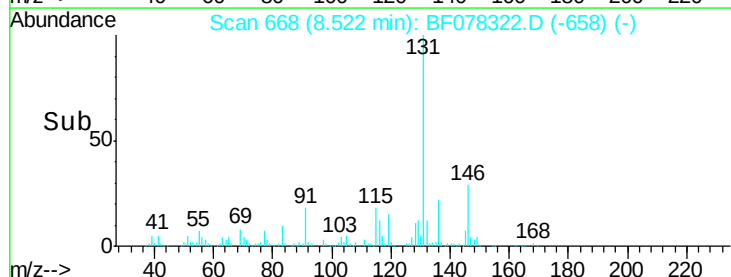
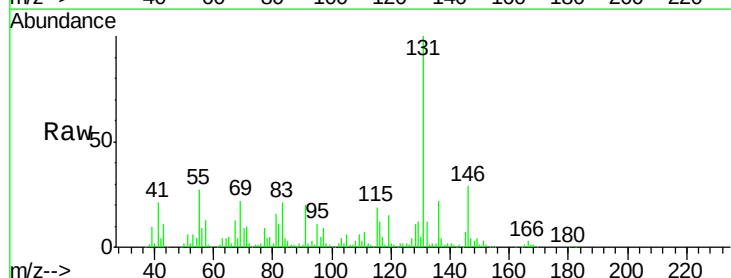
Ion Ratio Lower Upper

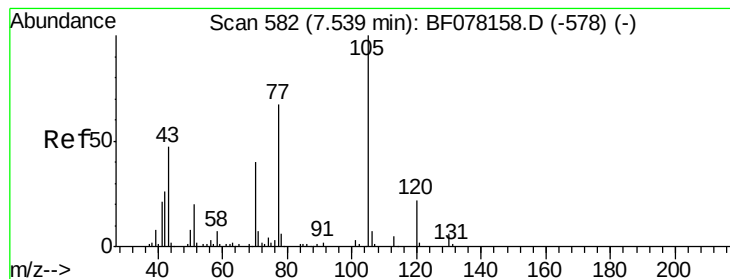
136 100

137 16.0 9.0 13.4#

54 19.8 7.0 10.6#

68 20.1 5.4 8.2#





#22

Acetophenone

Concen: 134.17 ng

RT: 7.44 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampleId :

FD-1

Tgt Ion:105 Resp: 358289

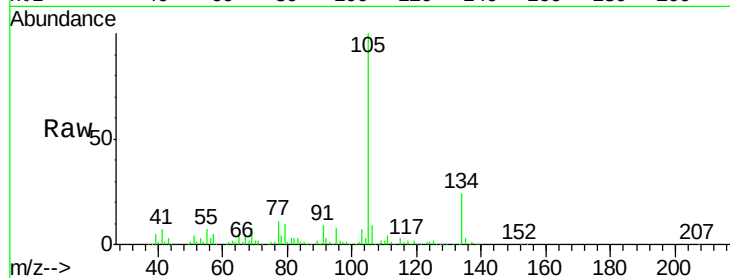
Ion Ratio Lower Upper

105 100

71 1.5 5.5 8.3#

51 3.5 16.0 24.0#

120 0.2 17.8 26.6#

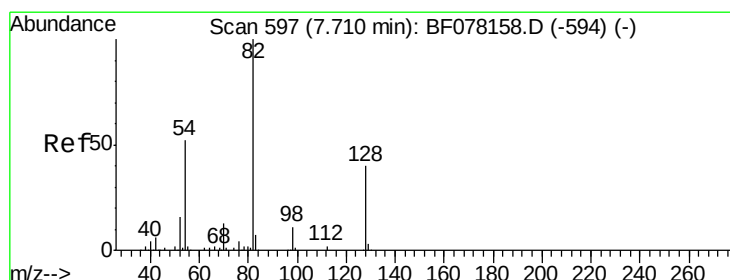
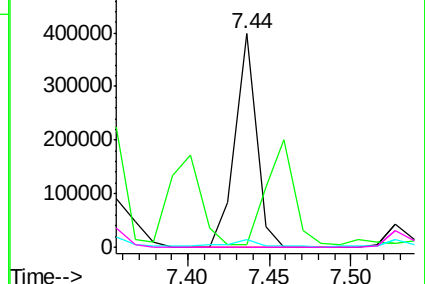
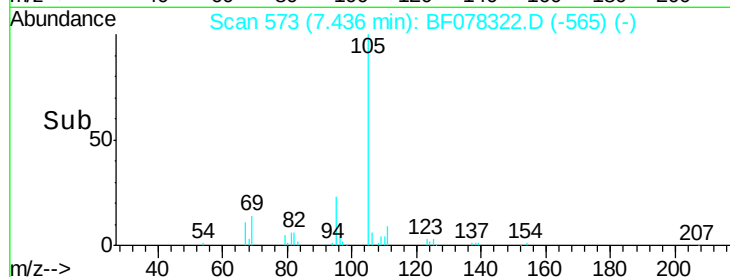


Abundance Ion 105.00 (104.70 to 105.70): E

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: 104.14 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

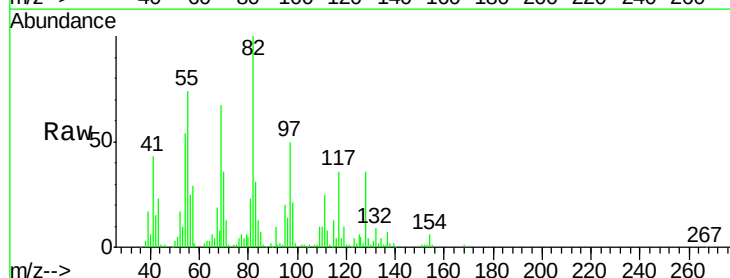
Tgt Ion: 82 Resp: 196907

Ion Ratio Lower Upper

82 100

128 35.8 31.8 47.8

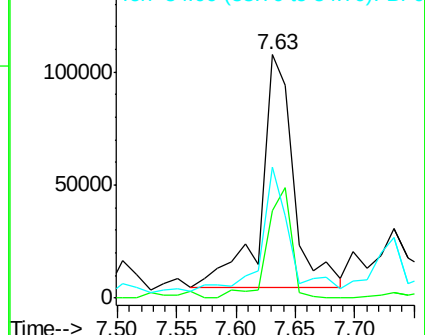
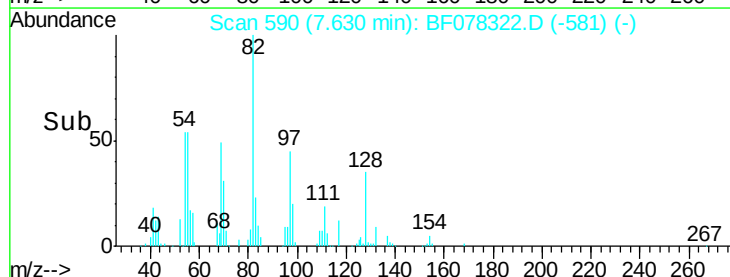
54 53.9 41.5 62.3

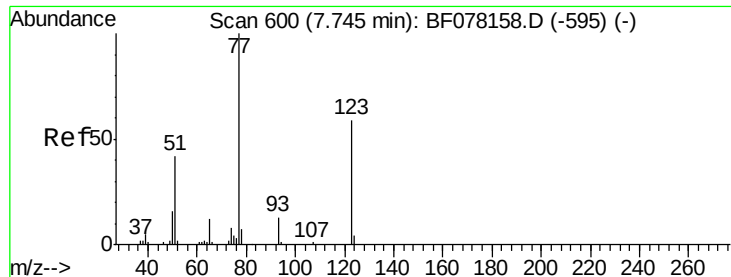


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

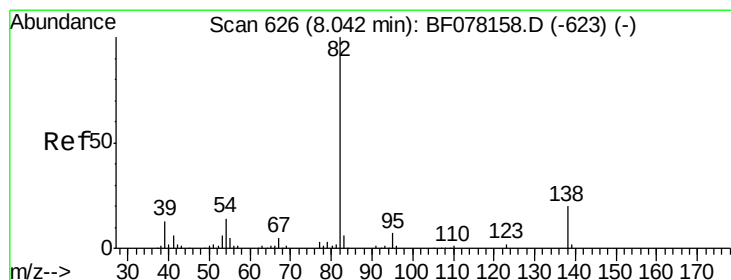
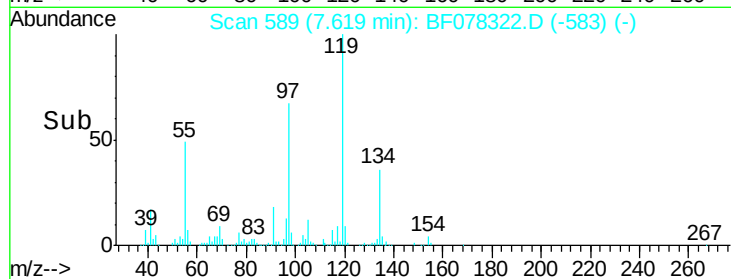
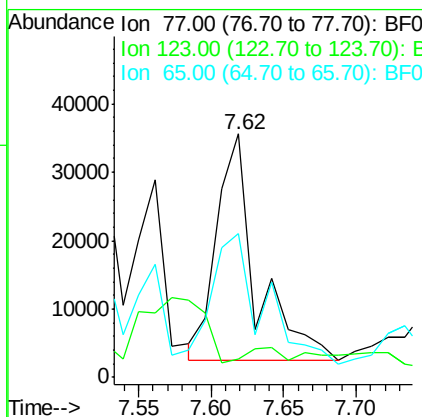
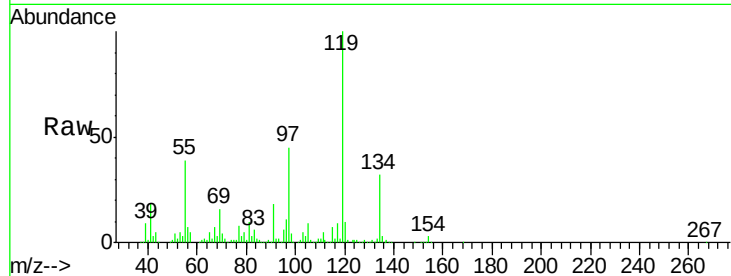




#24
 Nitrobenzene
 Concen: 31.49 ng
 RT: 7.62 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF078322.D
 Acq: 8 Apr 2015 5:06

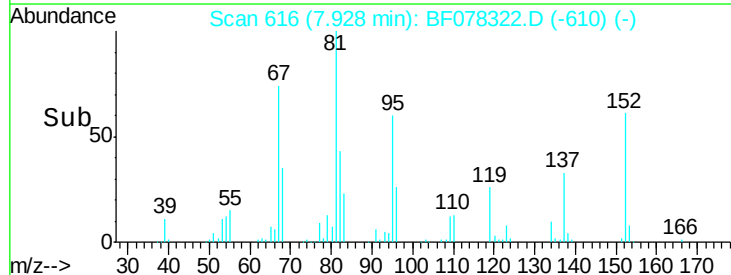
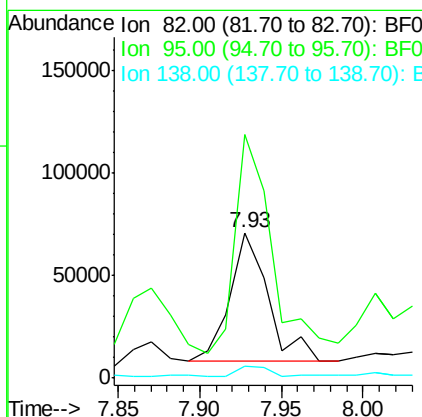
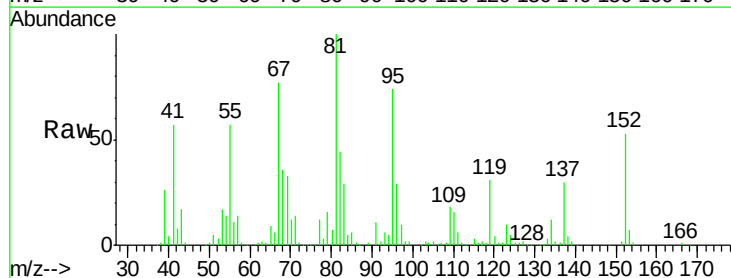
Instrument :
 BNA_F
 ClientSampled :
 FD-1

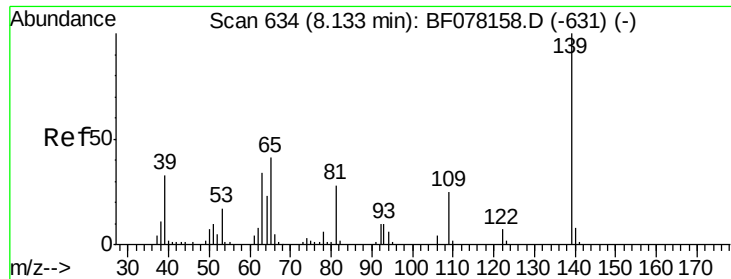
Tgt Ion: 77 Resp: 62246
 Ion Ratio Lower Upper
 77 100
 123 7.6 46.9 70.3#
 65 58.9 9.5 14.3#



#25
 Isophorone
 Concen: 28.27 ng
 RT: 7.93 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF078322.D
 Acq: 8 Apr 2015 5:06

Tgt Ion: 82 Resp: 101462
 Ion Ratio Lower Upper
 82 100
 95 167.8 5.7 8.5#
 138 8.2 15.8 23.8#

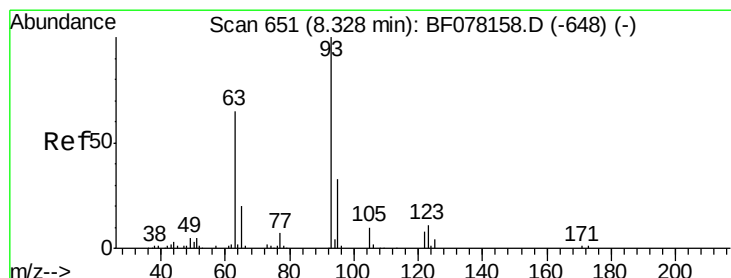
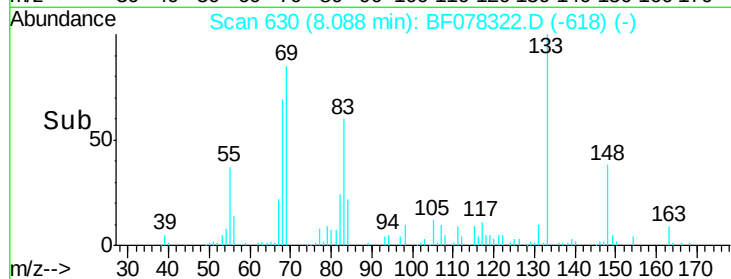
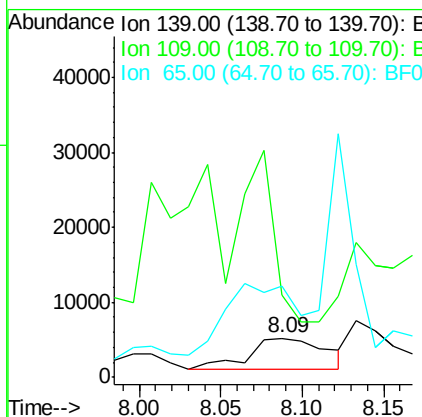
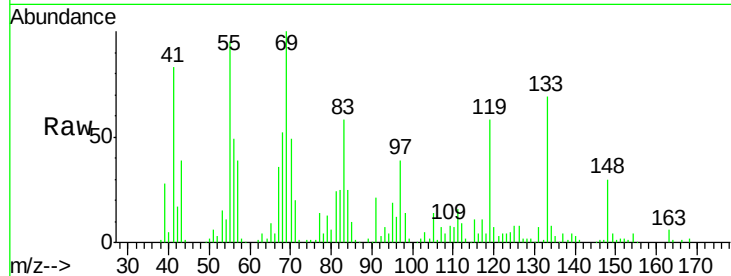




#26
2-Nitrophenol
Concen: 13.97 ng
RT: 8.09 min Scan# 630
Delta R.T. 0.03 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

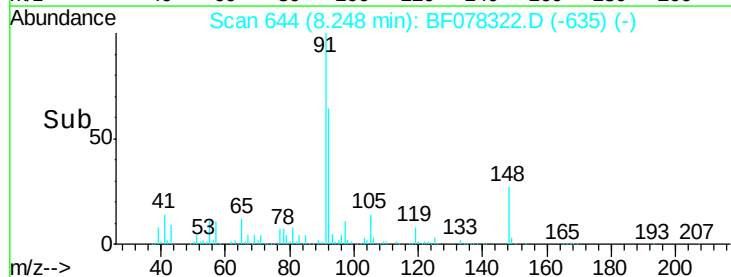
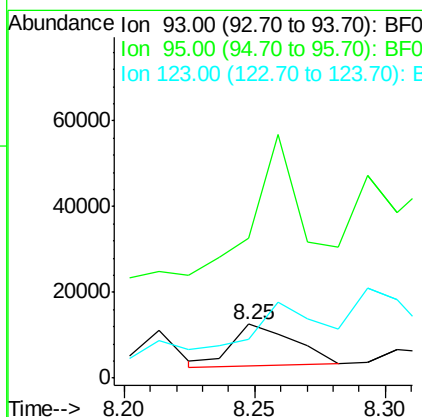
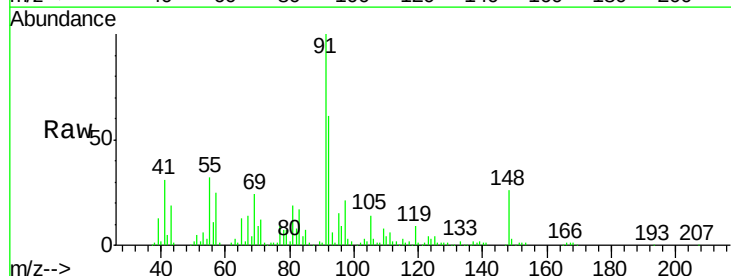
Instrument :
BNA_F
ClientSampleId :
FD-1

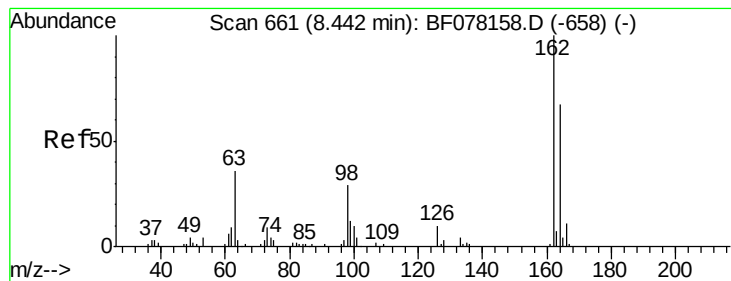
Tgt Ion: 139 Resp: 13155
Ion Ratio Lower Upper
139 100
109 211.1 19.8 29.8#
65 234.6 32.7 49.1#



#28
bis(2-Chloroethoxy)methane
Concen: 7.11 ng
RT: 8.25 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

Tgt Ion: 93 Resp: 16357
Ion Ratio Lower Upper
93 100
95 260.6 26.3 39.5#
123 72.4 9.1 13.7#





#29

2,4-Dichlorophenol

Concen: 9.03 ng

RT: 8.35 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampleId :

FD-1

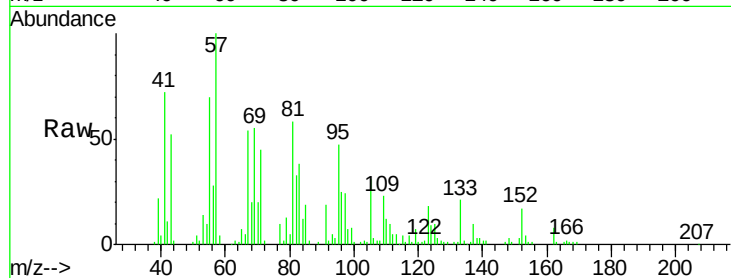
Tgt Ion:162 Resp: 14390

Ion Ratio Lower Upper

162 100

164 0.0 47.0 87.0#

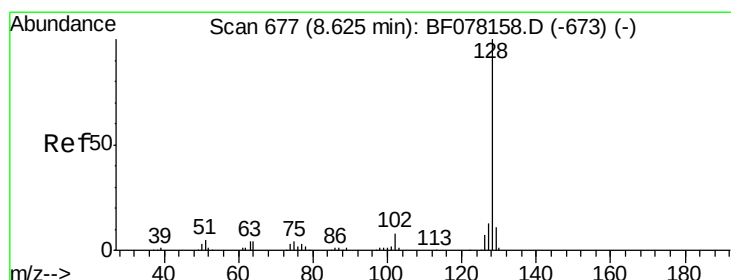
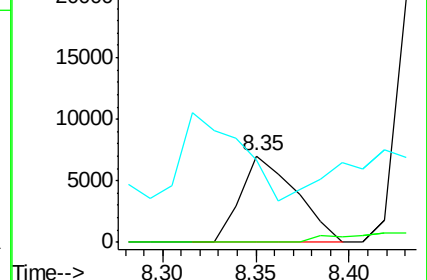
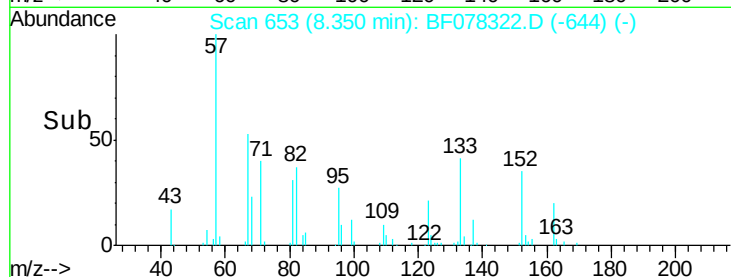
98 95.0 9.2 49.2#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#31

Naphthalene

Concen: 79.95 ng

RT: 8.54 min Scan# 670

Delta R.T. 0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

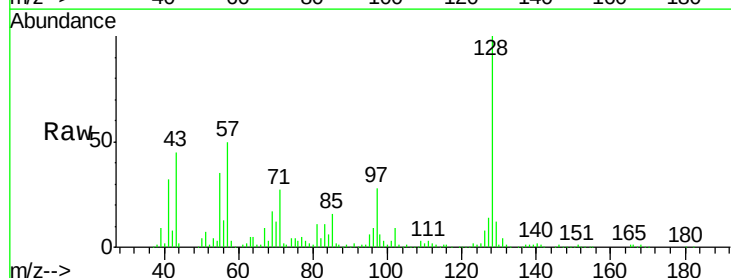
Tgt Ion:128 Resp: 476938

Ion Ratio Lower Upper

128 100

129 11.6 8.6 12.8

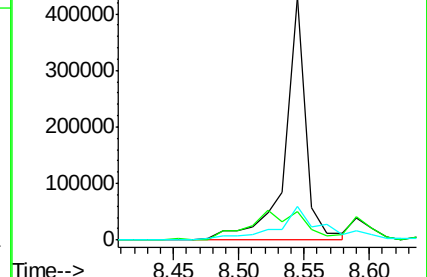
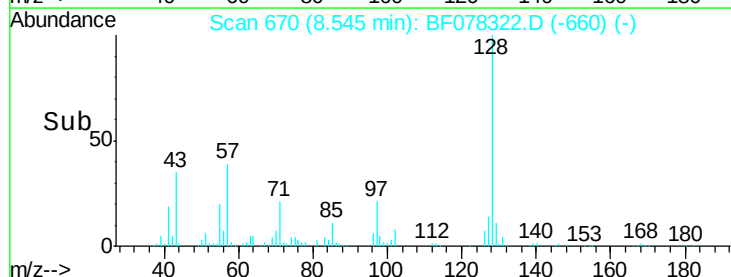
127 14.0 10.7 16.1

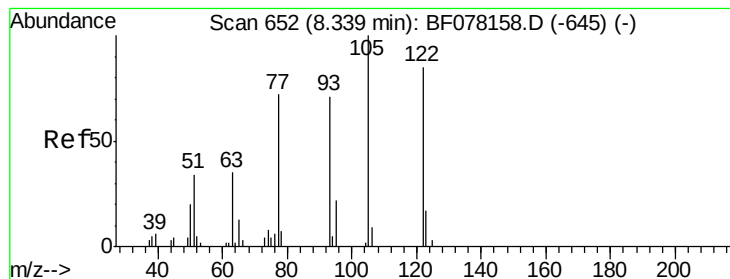


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 13.90 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampled :

FD-1

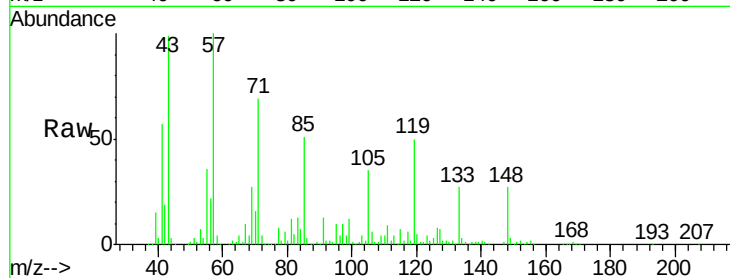
Tgt Ion:122 Resp: 7593

Ion Ratio Lower Upper

122 100

105 4610.3 96.1 136.1#

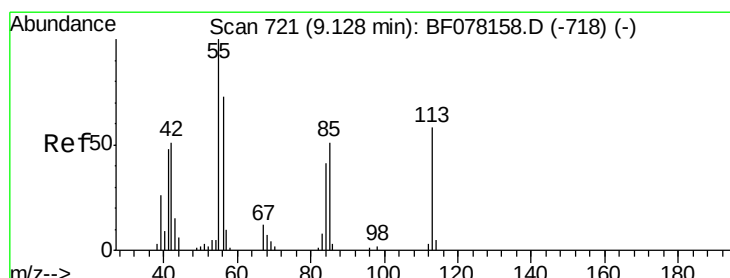
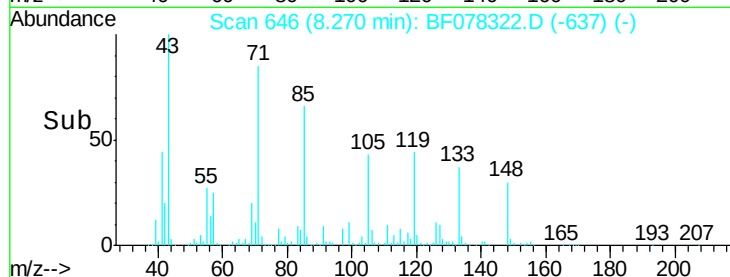
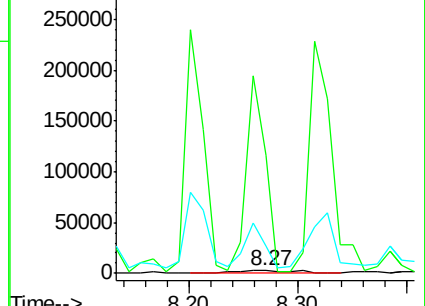
77 1075.6 64.1 104.1#



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): BF0



#35

Caprolactam

Concen: 55.60 ng

RT: 9.05 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

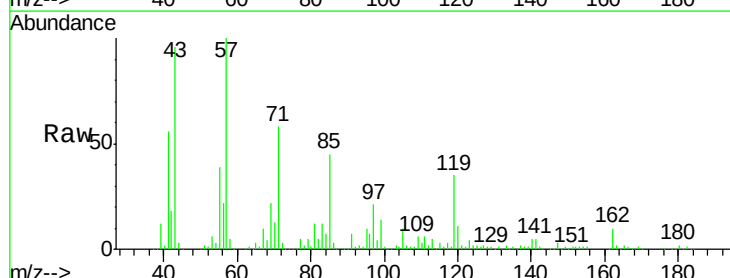
Tgt Ion:113 Resp: 26446

Ion Ratio Lower Upper

113 100

55 833.2 151.9 191.9#

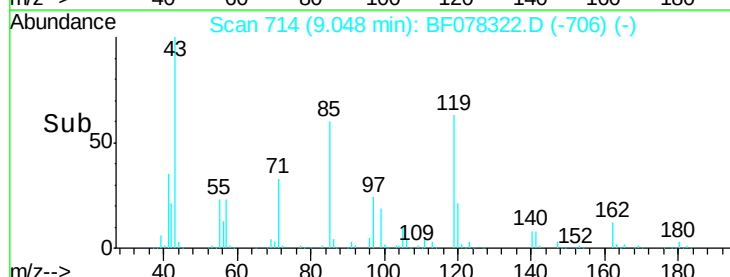
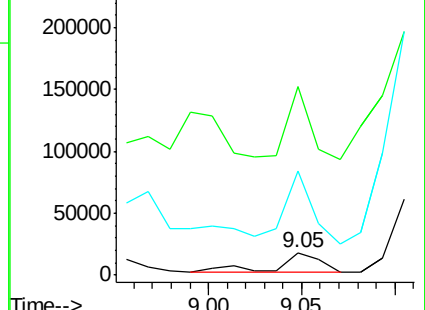
56 459.9 106.1 146.1#

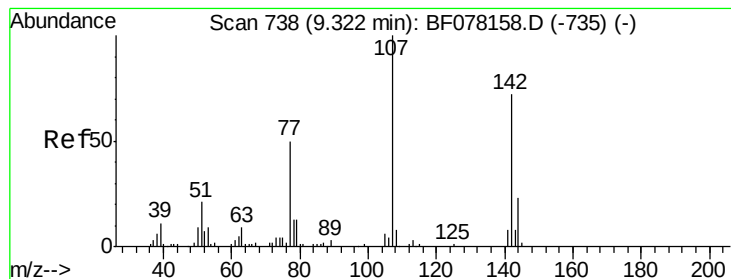


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 5.98 ng

RT: 9.31 min Scan# 737

Delta R.T. 0.06 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampleId :

FD-1

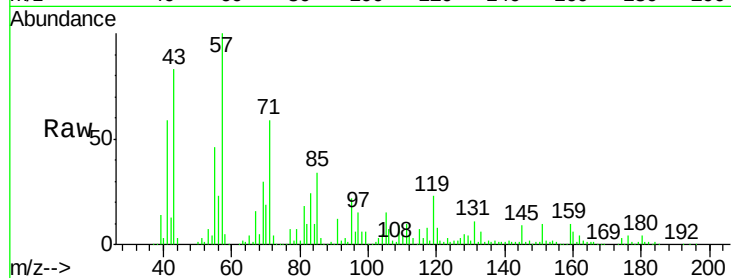
Tgt Ion:107 Resp: 9609

Ion Ratio Lower Upper

107 100

144 58.9 18.2 27.2#

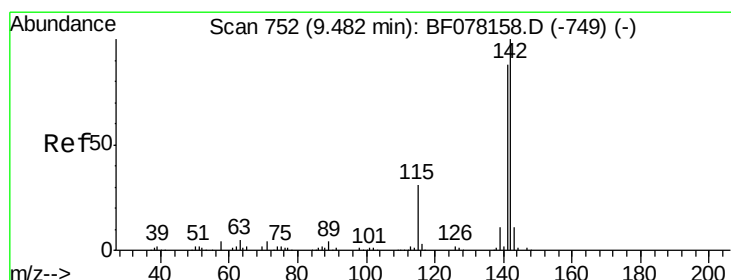
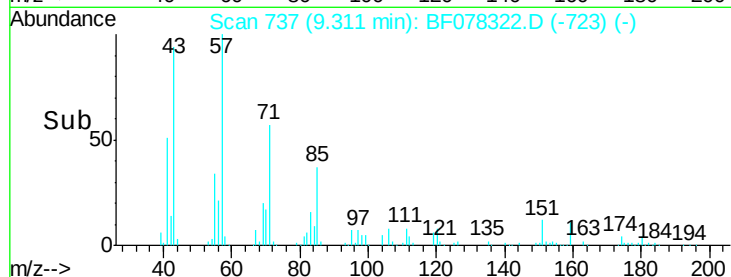
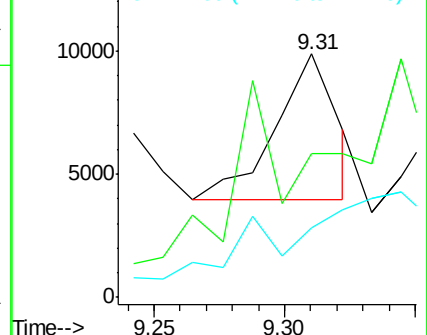
142 28.3 58.0 87.0#



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: 204.55 ng

RT: 9.41 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

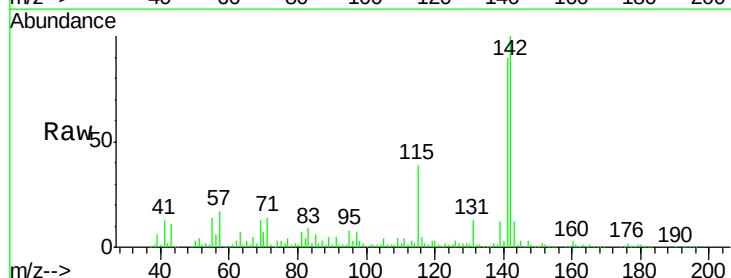
Tgt Ion:142 Resp: 828399

Ion Ratio Lower Upper

142 100

141 90.1 70.3 105.5

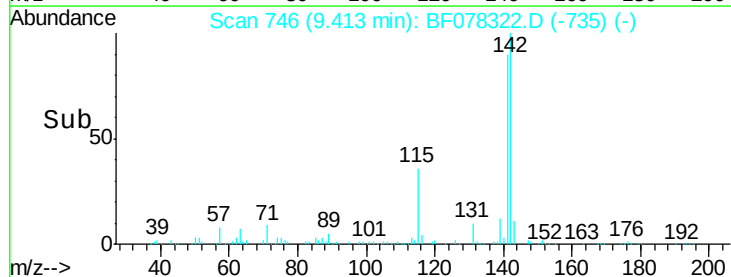
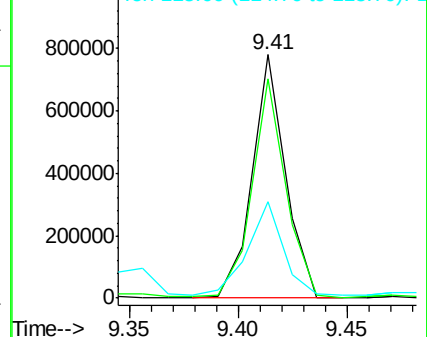
115 39.5 24.6 37.0#

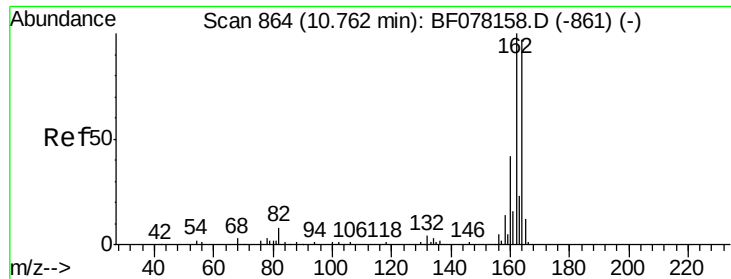


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

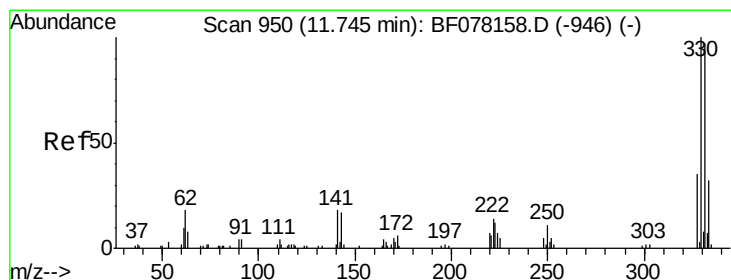
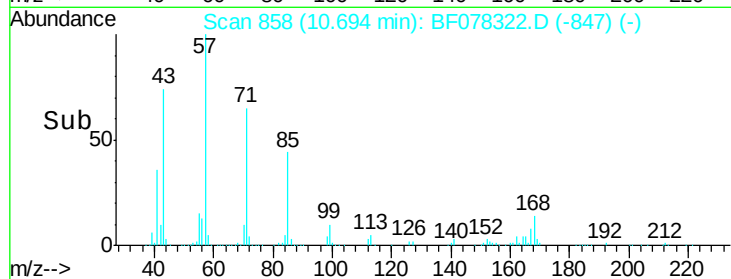
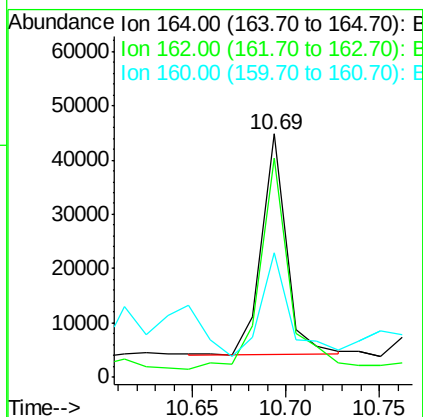
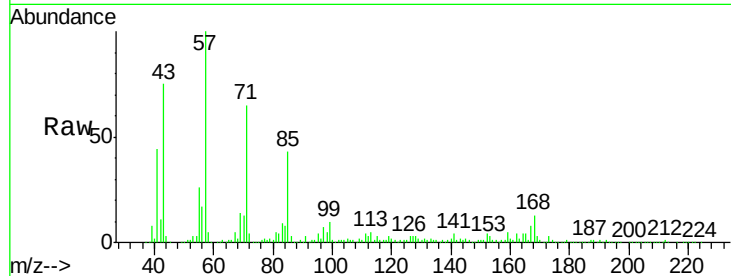




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.69 min Scan# 858
Delta R.T. 0.02 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

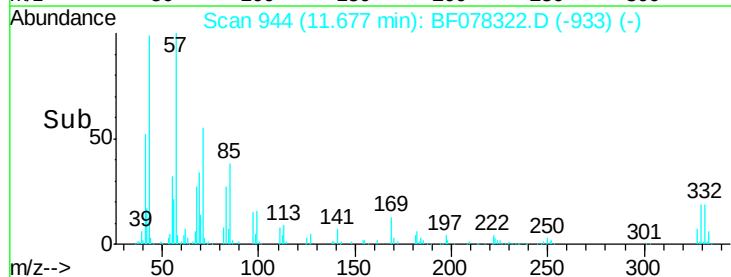
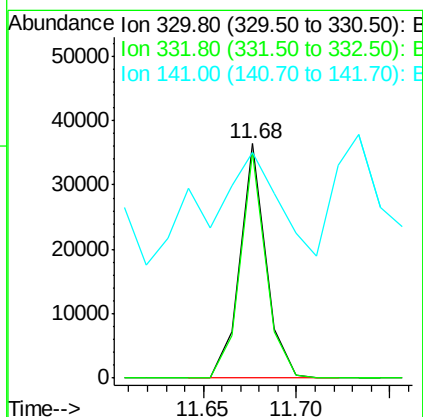
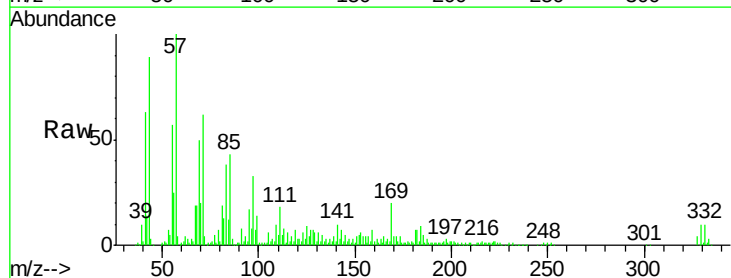
Instrument :
BNA_F
ClientSampleId :
FD-1

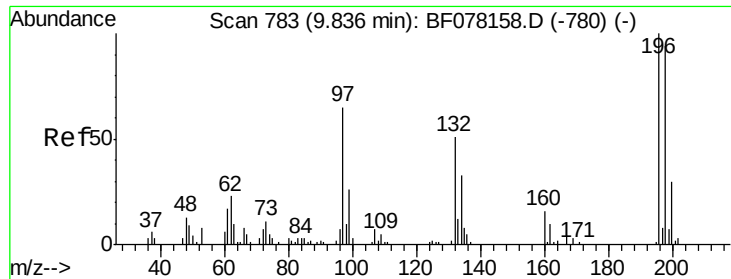
Tgt Ion:164 Resp: 37130
Ion Ratio Lower Upper
164 100
162 90.3 82.2 123.2
160 51.0 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 115.24 ng
RT: 11.68 min Scan# 944
Delta R.T. 0.02 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

Tgt Ion:330 Resp: 35487
Ion Ratio Lower Upper
330 100
332 95.0 78.6 117.8
141 133.0 31.2 46.8#

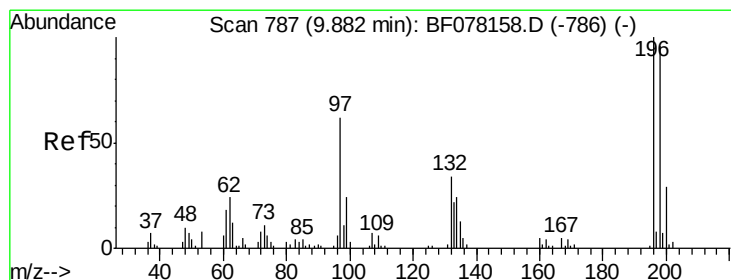
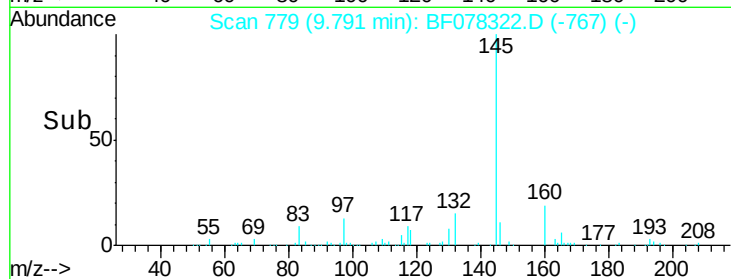
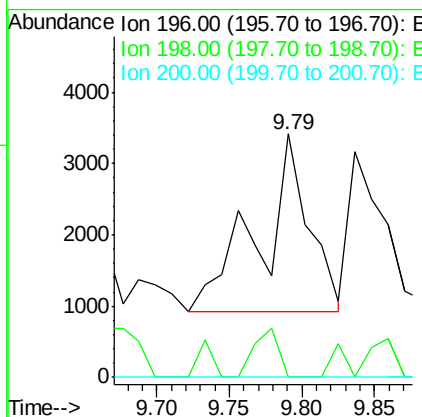
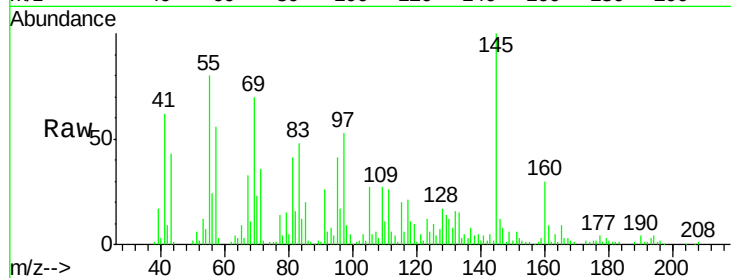




#42
 2,4,6-Trichlorophenol
 Concen: 8.07 ng
 RT: 9.79 min Scan# 779
 Delta R.T. 0.03 min
 Lab File: BF078322.D
 Acq: 8 Apr 2015 5:06

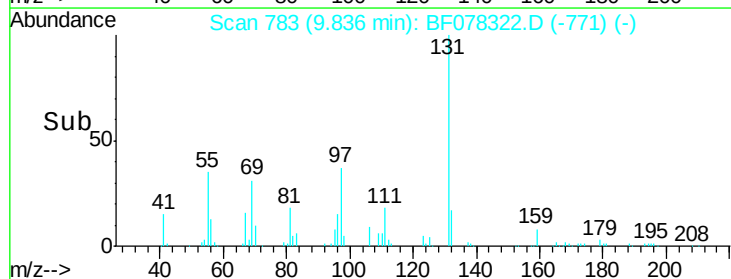
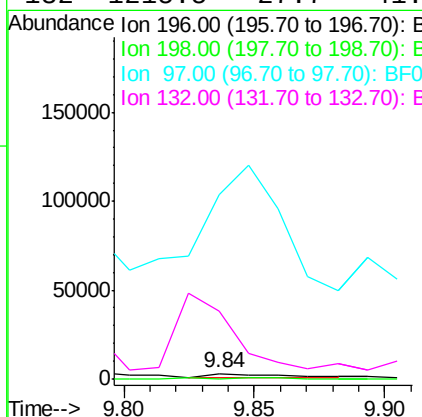
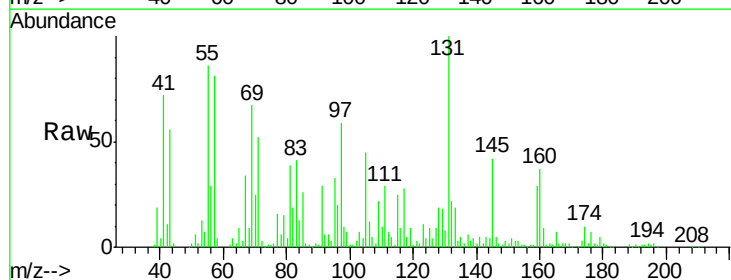
Instrument :
 BNA_F
 ClientSampled :
 FD-1

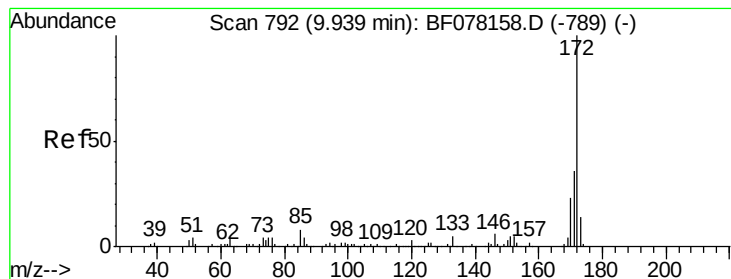
Tgt Ion:196 Resp: 5853
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.4 113.2#
 200 0.0 24.0 36.0#



#43
 2,4,5-Trichlorophenol
 Concen: 4.34 ng
 RT: 9.84 min Scan# 783
 Delta R.T. 0.03 min
 Lab File: BF078322.D
 Acq: 8 Apr 2015 5:06

Tgt Ion:196 Resp: 3288
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.6 115.0#
 97 3273.3 50.6 75.8#
 132 1215.5 27.7 41.5#





#44

2-Fluorobiphenyl

Concen: 96.87 ng

RT: 9.87 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampleId :

FD-1

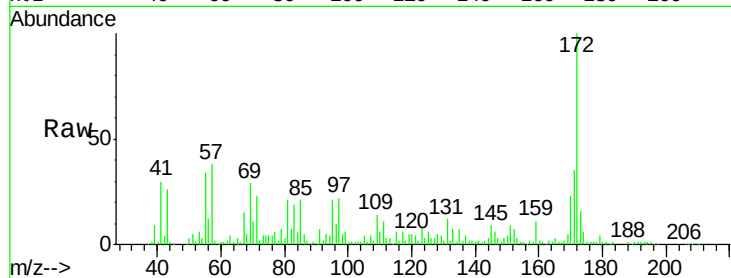
Tgt Ion:172 Resp: 251616

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

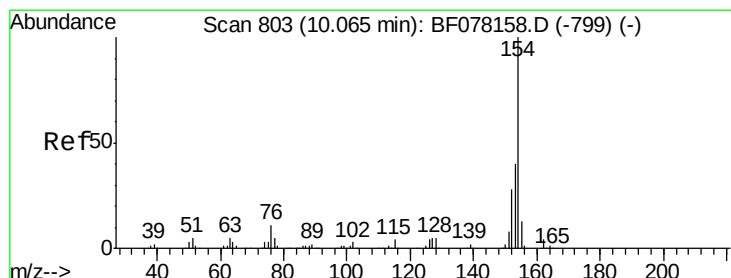
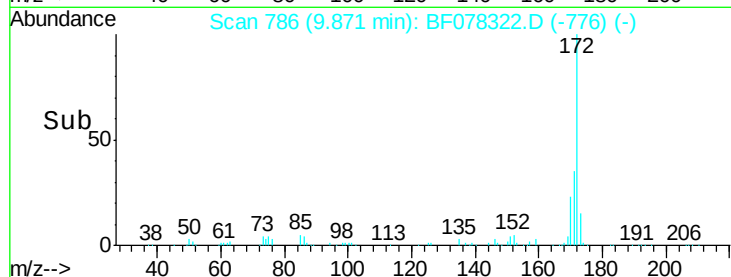
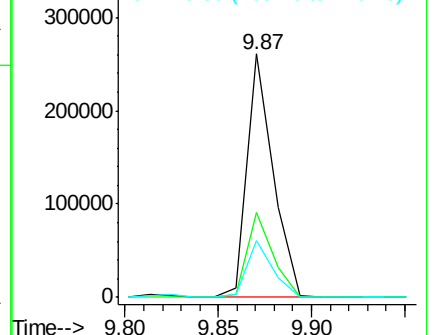
170 23.2 18.5 27.7



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: 52.58 ng

RT: 10.00 min Scan# 797

Delta R.T. 0.02 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

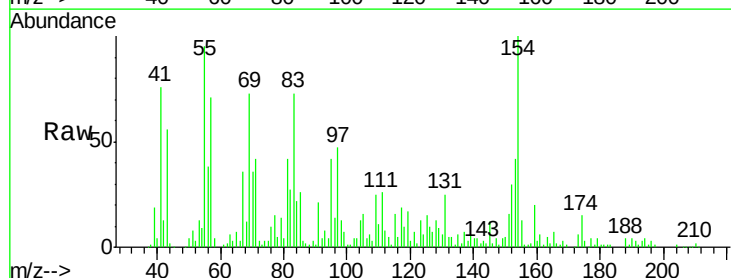
Tgt Ion:154 Resp: 159692

Ion Ratio Lower Upper

154 100

153 41.9 20.0 60.0

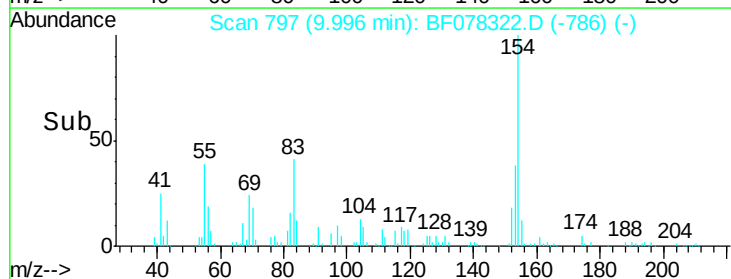
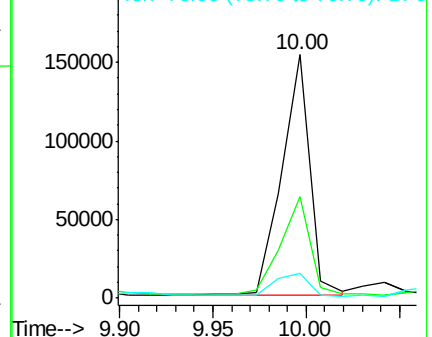
76 10.4 0.0 30.6

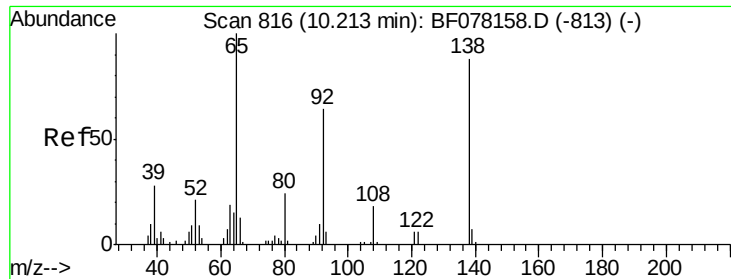


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

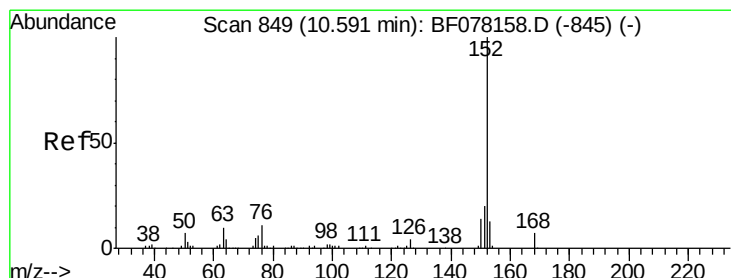
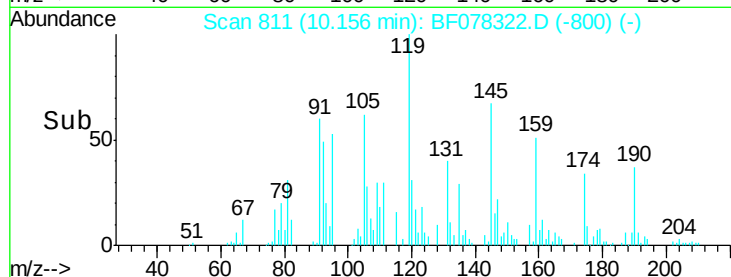
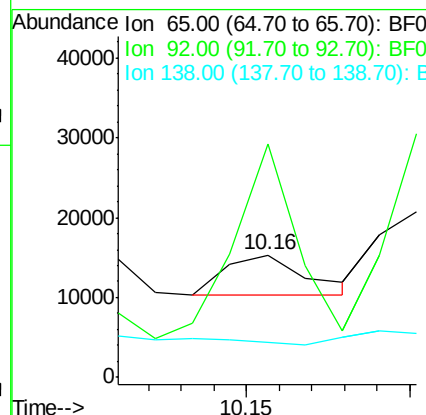
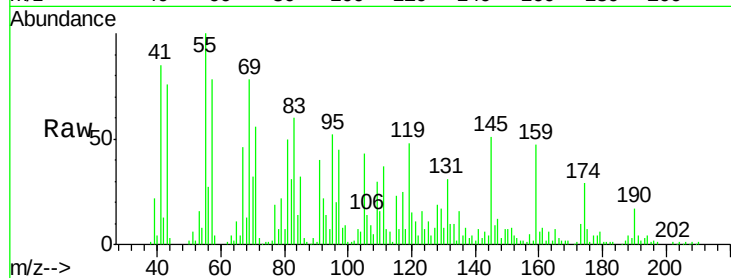




#47
2-Nitroaniline
Concen: 14.50 ng
RT: 10.16 min Scan# 811
Delta R.T. 0.02 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

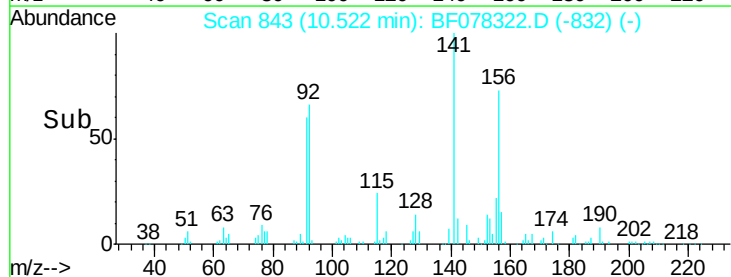
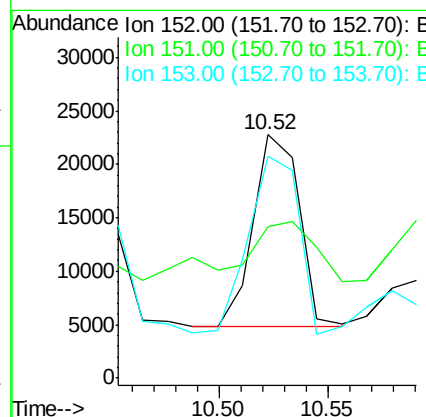
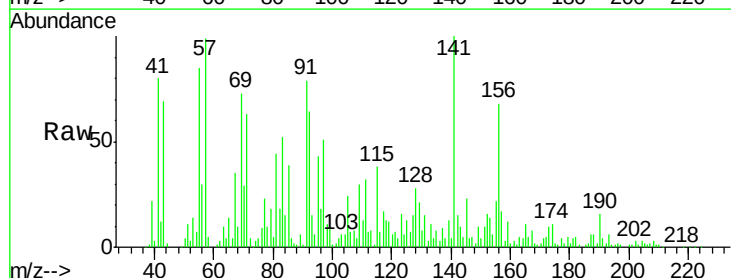
Instrument :
BNA_F
ClientSampleId :
FD-1

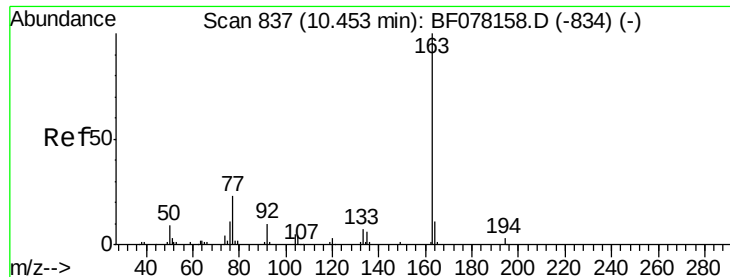
Tgt Ion: 65 Resp: 8572
Ion Ratio Lower Upper
65 100
92 191.2 51.3 76.9#
138 28.8 70.4 105.6#



#48
Acenaphthylene
Concen: 6.79 ng
RT: 10.52 min Scan# 843
Delta R.T. 0.02 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

Tgt Ion: 152 Resp: 26200
Ion Ratio Lower Upper
152 100
151 62.3 15.7 23.5#
153 91.2 10.2 15.2#





#49

Dimethylphthalate

Concen: 8.15 ng

RT: 10.38 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampled :

FD-1

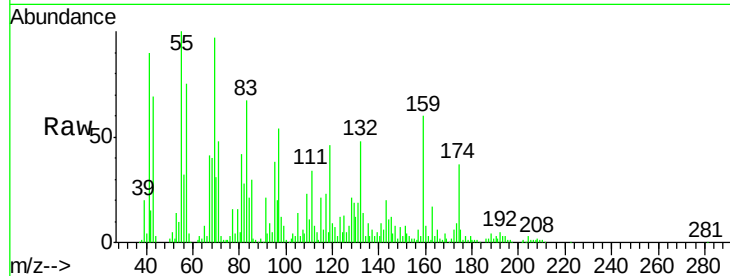
Tgt Ion:163 Resp: 22725

Ion Ratio Lower Upper

163 100

194 15.5 2.3 3.5#

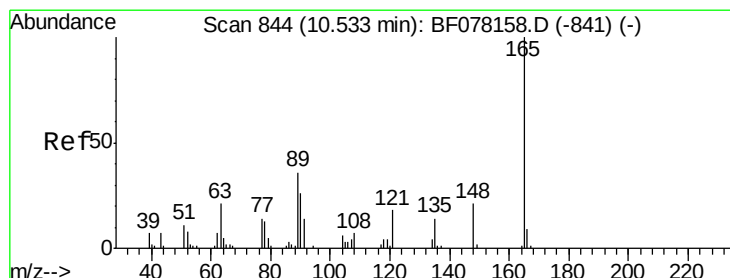
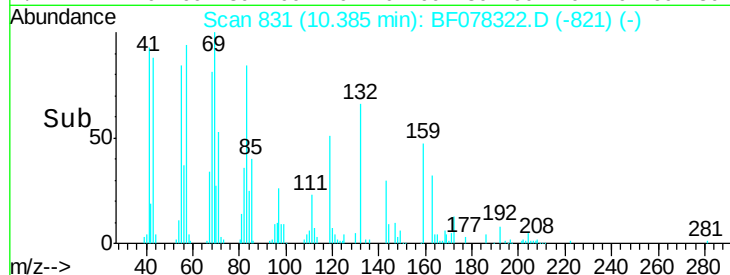
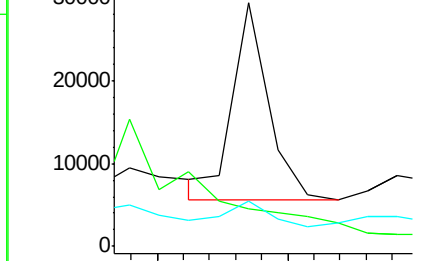
164 18.5 8.6 13.0#



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: 7.98 ng

RT: 10.46 min Scan# 838

Delta R.T. 0.02 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

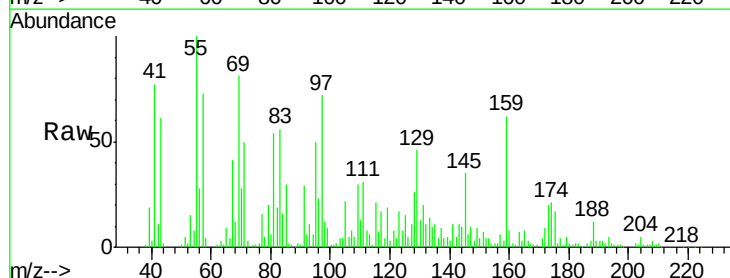
Tgt Ion:165 Resp: 4577

Ion Ratio Lower Upper

165 100

63 43.0 24.1 36.1#

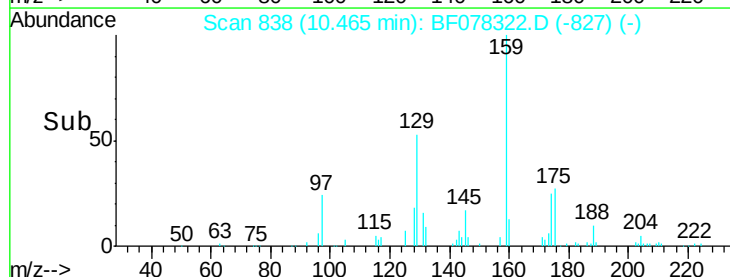
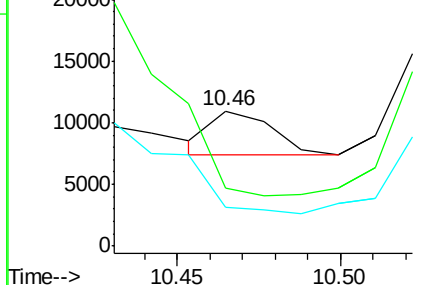
89 28.8 28.9 43.3#

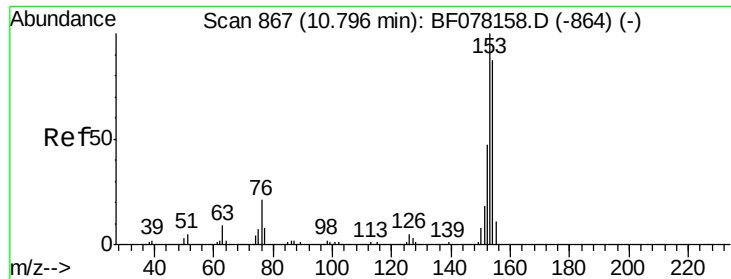


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.78 ng

RT: 10.74 min Scan# 862

Delta R.T. 0.02 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampled :

FD-1

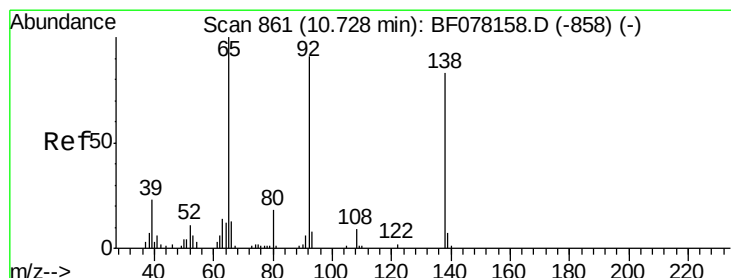
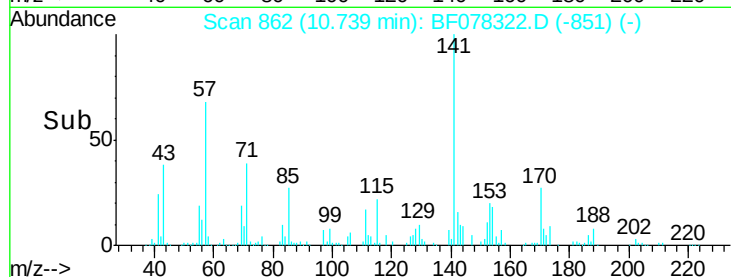
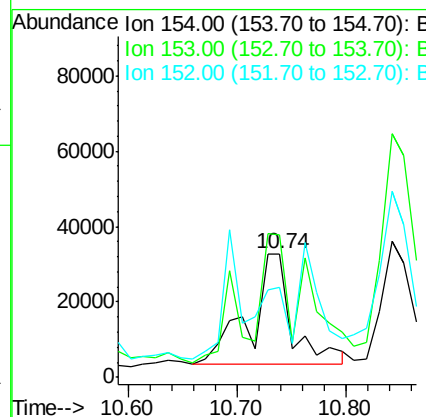
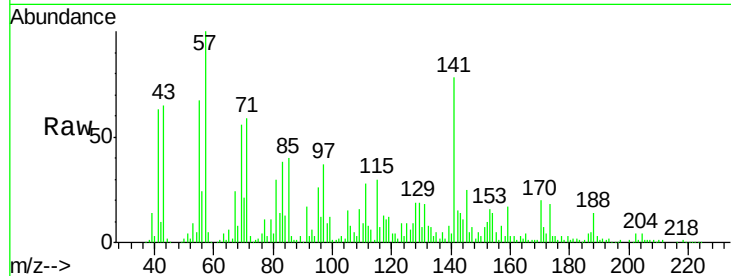
Tgt Ion:154 Resp: 79910

Ion Ratio Lower Upper

154 100

153 115.7 91.4 137.2

152 72.6 43.0 64.6#



#52

3-Nitroaniline

Concen: 10.06 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.02 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

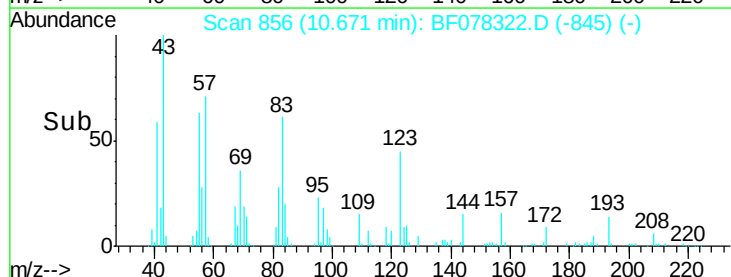
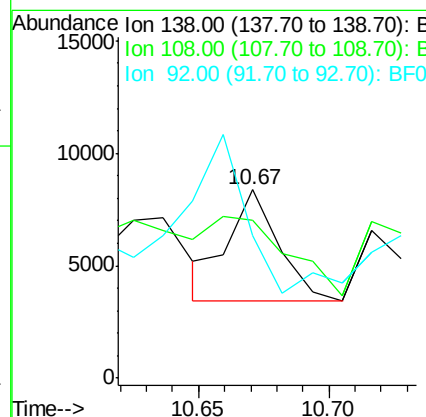
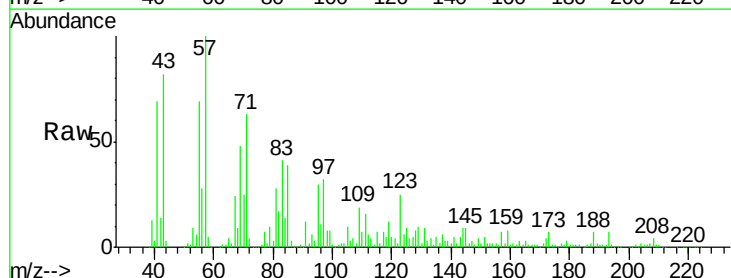
Tgt Ion:138 Resp: 6567

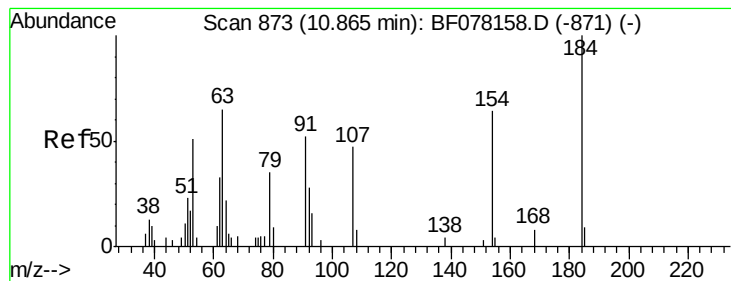
Ion Ratio Lower Upper

138 100

108 83.9 8.2 12.4#

92 75.7 88.4 132.6#





#53

2,4-Dinitrophenol

Concen: 14.30 ng

RT: 10.82 min Scan# 869

Delta R.T. 0.03 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampled :

FD-1

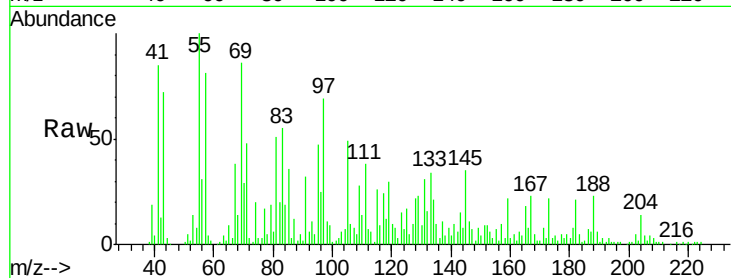
Tgt Ion:184 Resp: 1107

Ion Ratio Lower Upper

184 100

63 717.4 51.9 77.9#

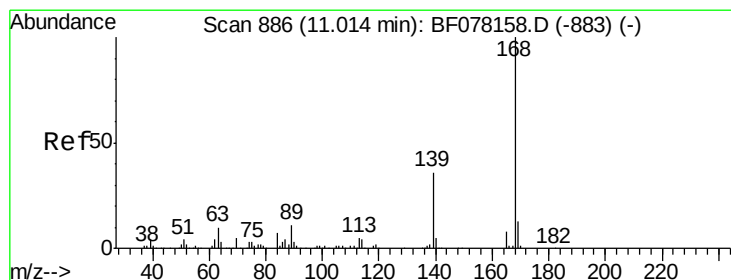
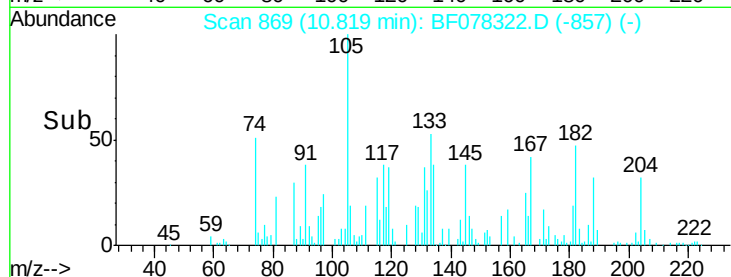
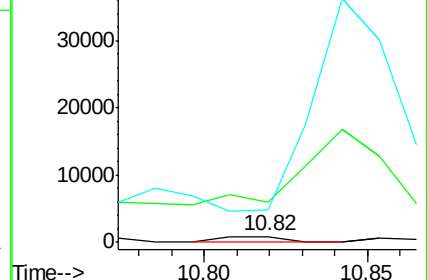
154 594.6 51.0 76.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 11.96 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

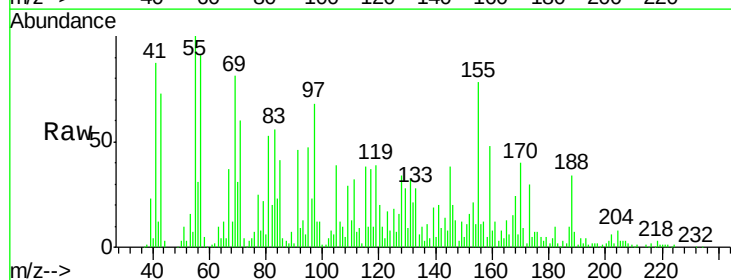
Tgt Ion:168 Resp: 39672

Ion Ratio Lower Upper

168 100

139 80.5 31.0 46.4#

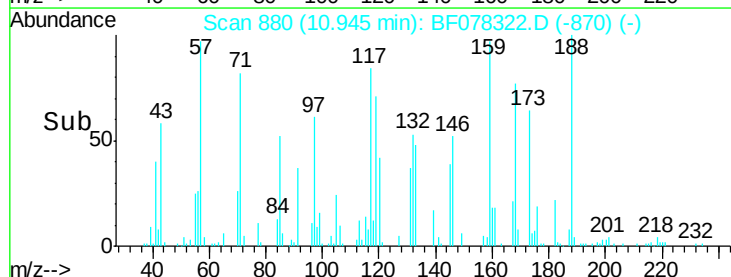
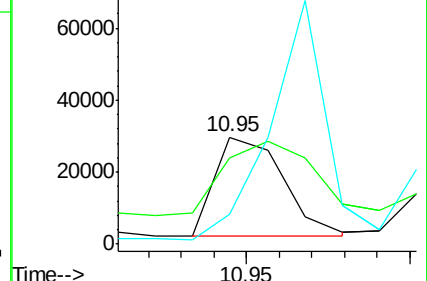
169 27.4 10.7 16.1#

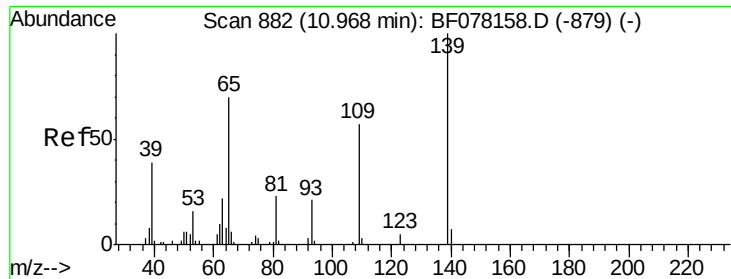


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

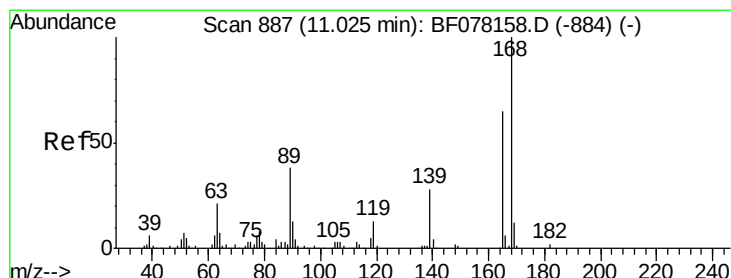
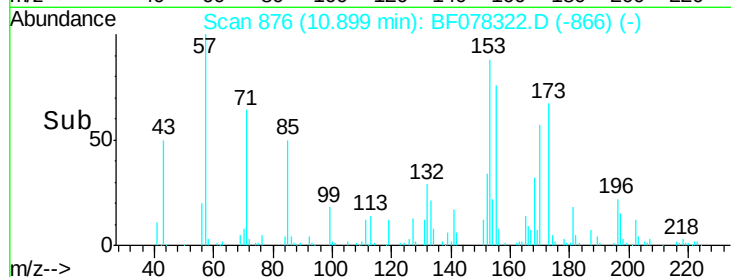
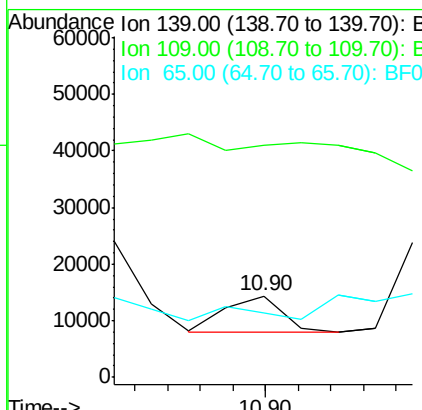
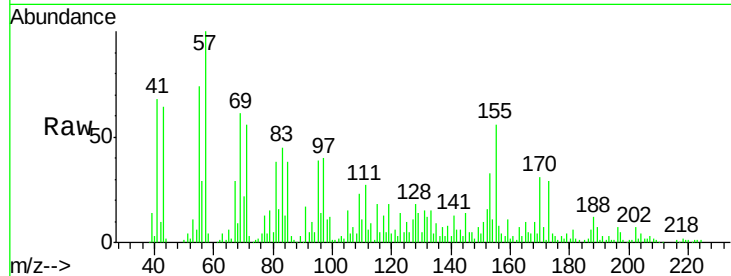




#55
4-Nitrophenol
Concen: 18.91 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

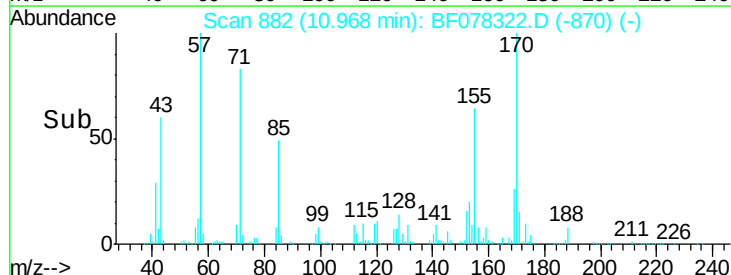
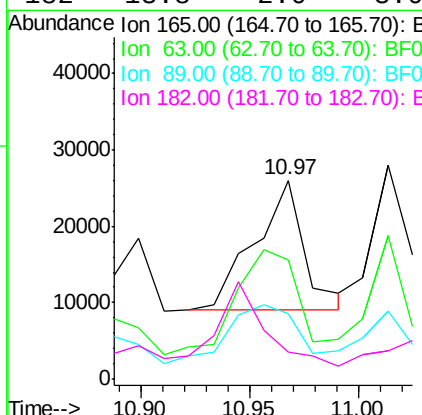
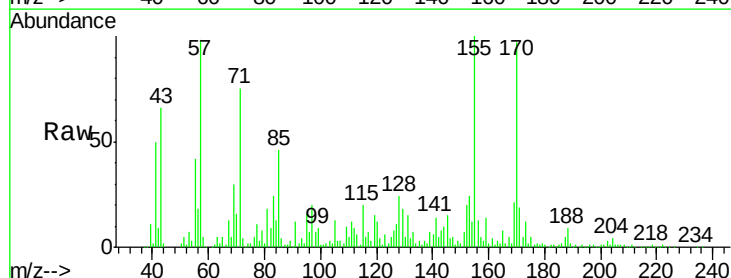
Instrument :
BNA_F
ClientSampled :
FD-1

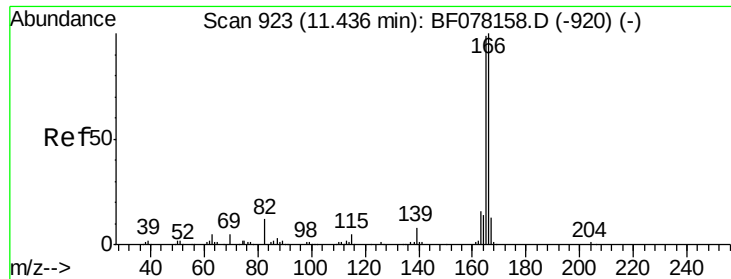
Tgt Ion:139 Resp: 8036
Ion Ratio Lower Upper
139 100
109 284.1 36.7 76.7#
65 78.2 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 36.39 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.03 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

Tgt Ion:165 Resp: 27051
Ion Ratio Lower Upper
165 100
63 60.1 26.5 39.7#
89 32.8 46.4 69.6#
182 13.8 2.0 3.0#

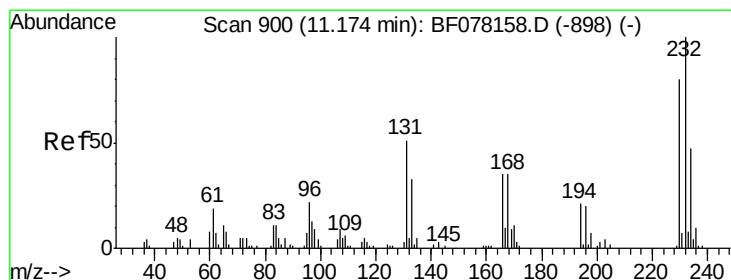
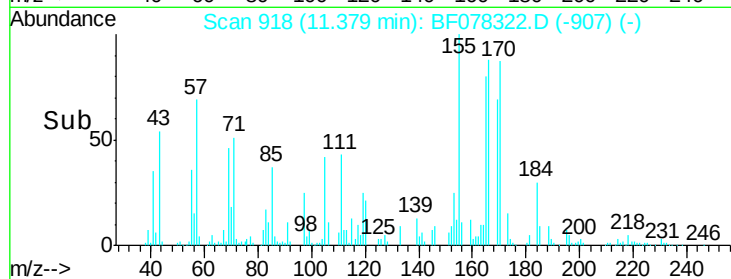
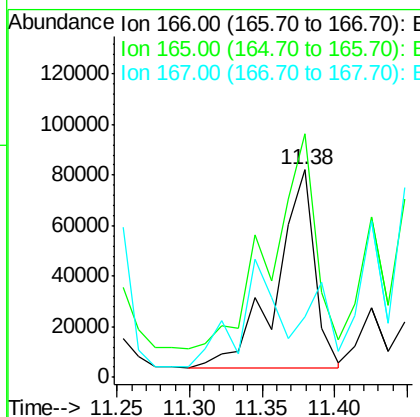
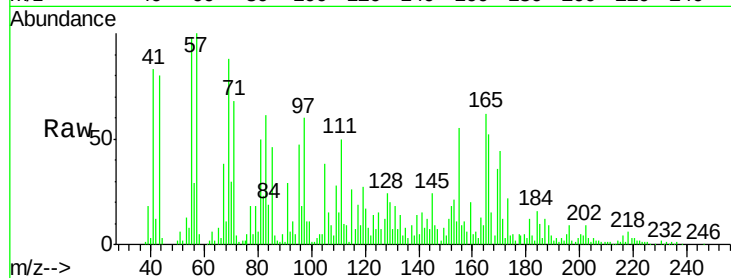




#57
Fluorene
Concen: 53.11 ng
RT: 11.38 min Scan# 918
Delta R.T. 0.02 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

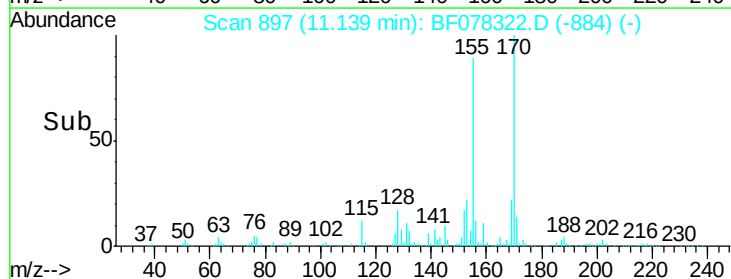
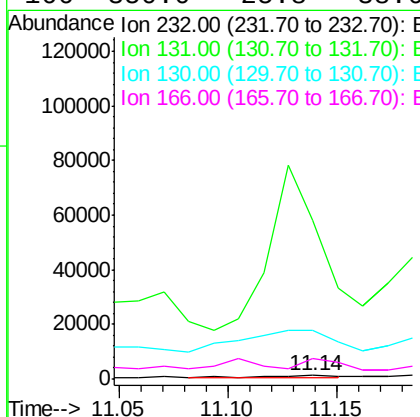
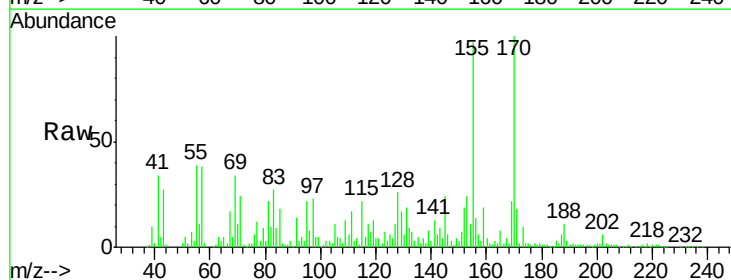
Instrument :
BNA_F
ClientSampleId :
FD-1

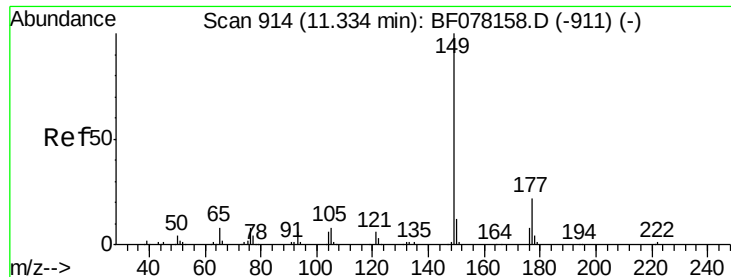
Tgt Ion:166 Resp: 142840
Ion Ratio Lower Upper
166 100
165 117.5 78.9 118.3
167 29.3 10.7 16.1#



#58
2,3,4,6-Tetrachlorophenol
Concen: 2.51 ng
RT: 11.14 min Scan# 897
Delta R.T. 0.05 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

Tgt Ion:232 Resp: 1413
Ion Ratio Lower Upper
232 100
131 7296.1 37.8 56.8#
130 1633.5 1.5 2.3#
166 350.0 25.8 38.6#

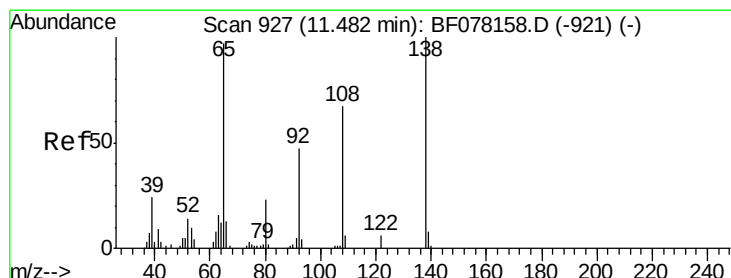
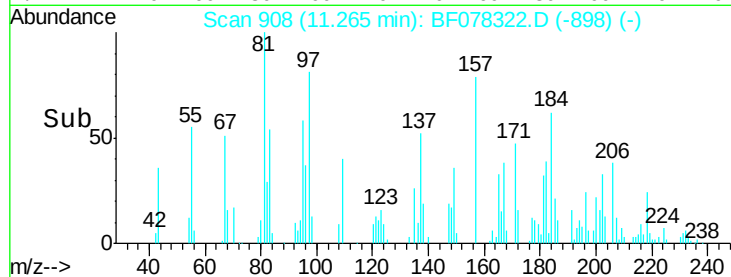
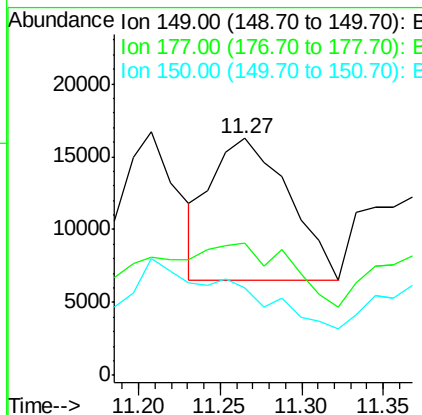
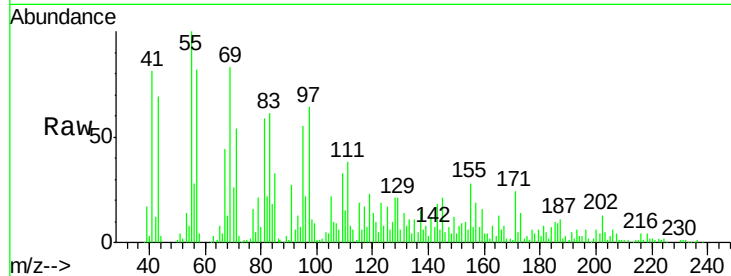




#59
Diethylphthalate
Concen: 11.95 ng
RT: 11.27 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

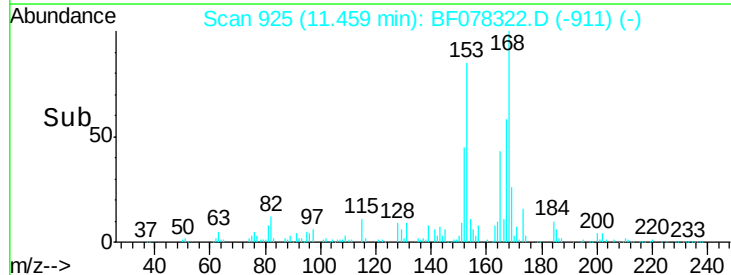
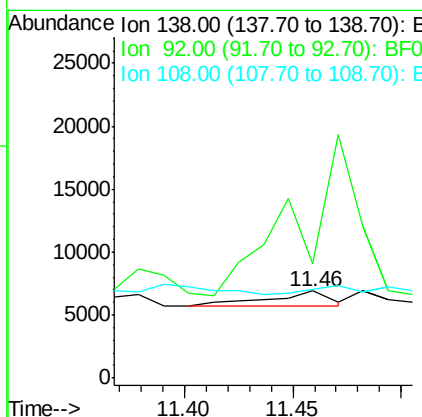
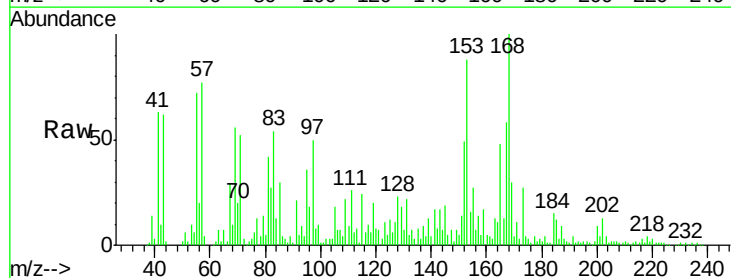
Instrument :
BNA_F
ClientSampled :
FD-1

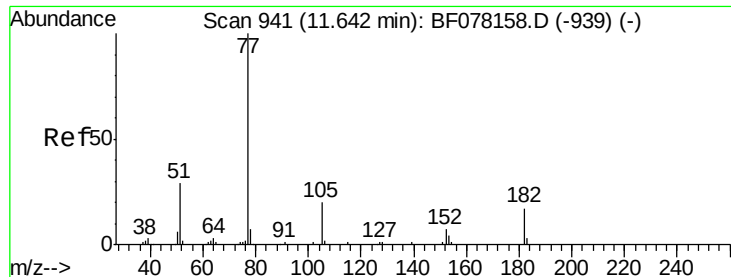
Tgt Ion:149 Resp: 32137
Ion Ratio Lower Upper
149 100
177 56.1 17.4 26.2#
150 36.9 9.4 14.2#



#61
4-Nitroaniline
Concen: 3.50 ng
RT: 11.46 min Scan# 925
Delta R.T. 0.06 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

Tgt Ion:138 Resp: 2311
Ion Ratio Lower Upper
138 100
92 130.4 27.3 67.3#
108 102.0 47.2 87.2#





#62

Azobenzene

Concen: 12.18 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.03 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampleId :

FD-1

Tgt Ion: 77 Resp: 29897

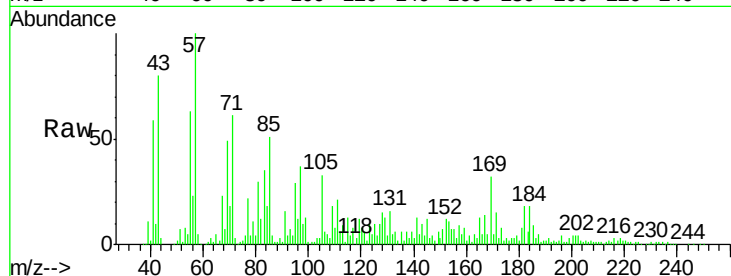
Ion Ratio Lower Upper

77 100

182 80.9 0.0 36.8#

105 150.9 0.3 40.3#

51 33.1 9.1 49.1

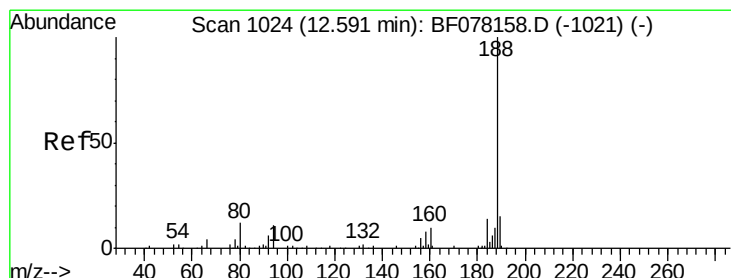
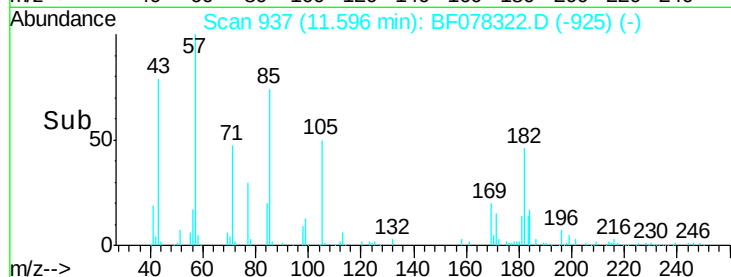
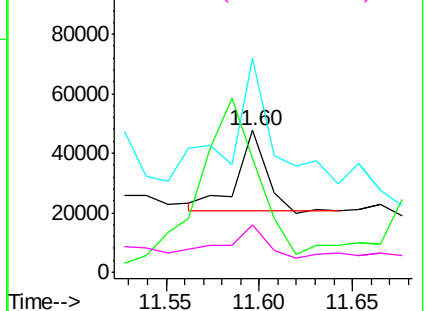


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.53 min Scan# 1019

Delta R.T. 0.03 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

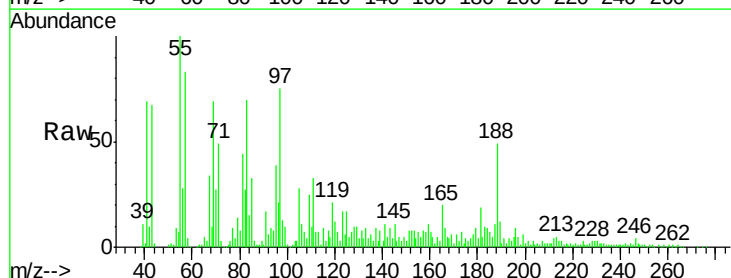
Tgt Ion: 188 Resp: 104541

Ion Ratio Lower Upper

188 100

94 15.7 9.0 13.4#

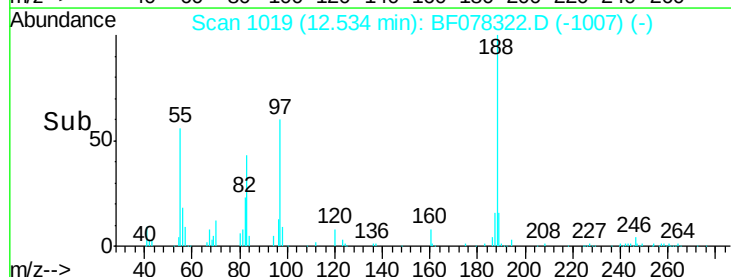
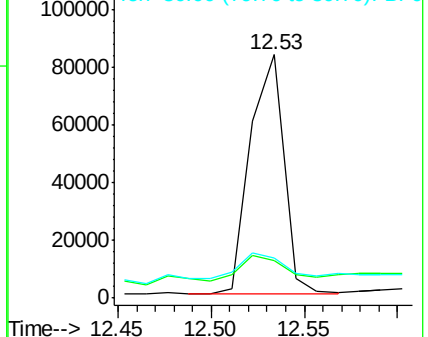
80 16.7 9.5 14.3#

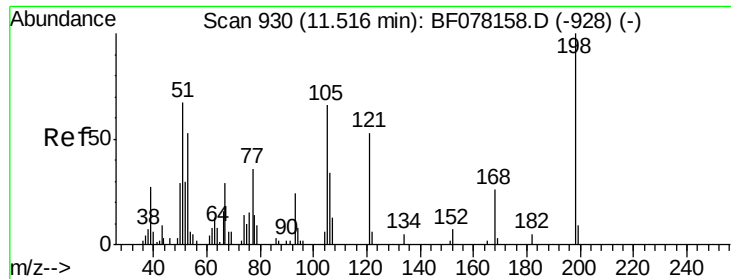


Abundance Ion 188.00 (187.70 to 188.70): E

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: 10.57 ng

RT: 11.48 min Scan# 927

Delta R.T. 0.05 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampleId :

FD-1

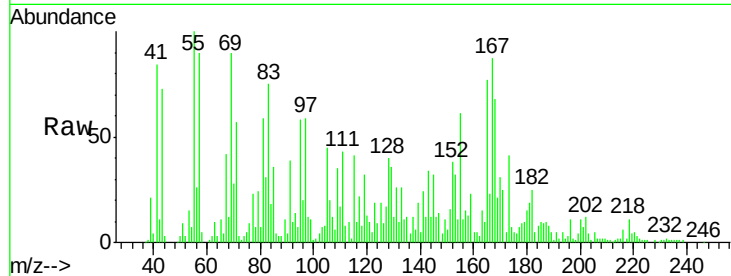
Tgt Ion:198 Resp: 1265

Ion Ratio Lower Upper

198 100

51 1049.2 48.6 88.6#

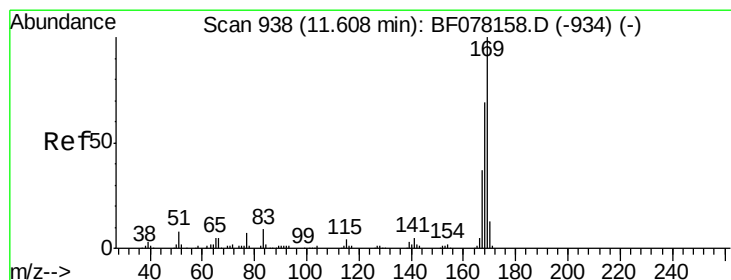
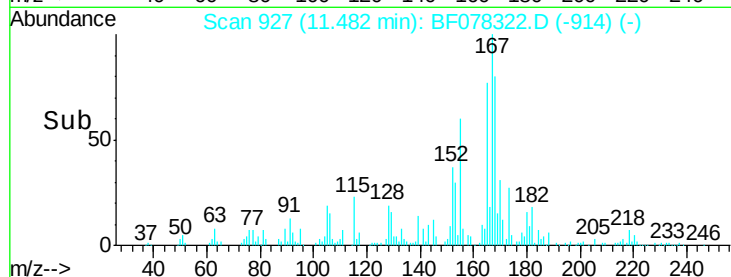
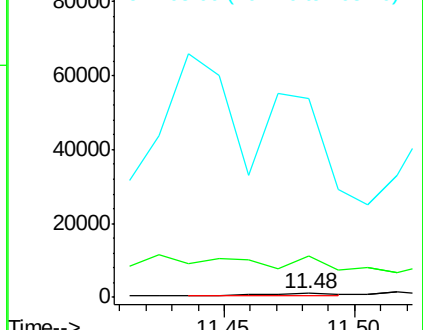
105 5098.2 45.8 85.8#



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: 61.07 ng

RT: 11.54 min Scan# 932

Delta R.T. 0.02 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

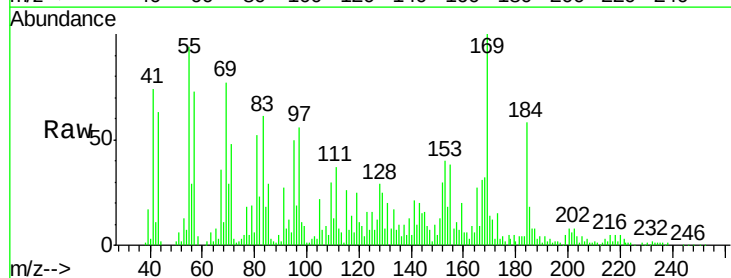
Tgt Ion:169 Resp: 220847

Ion Ratio Lower Upper

169 100

168 32.3 55.0 82.4#

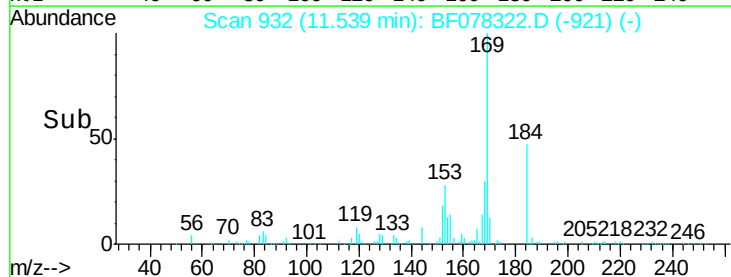
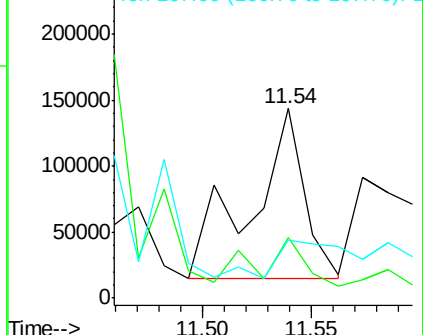
167 30.6 29.3 43.9

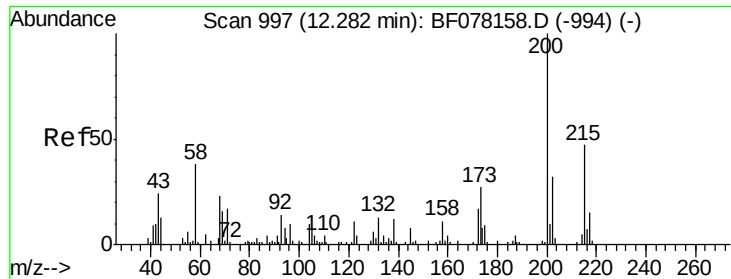


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

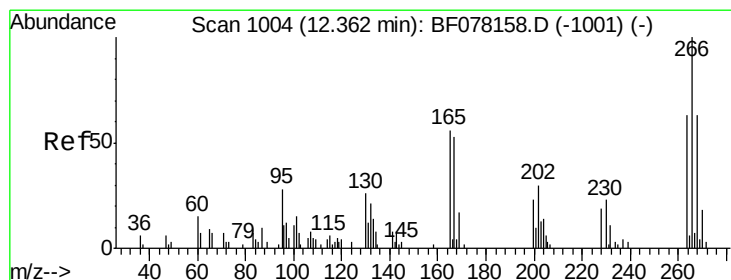
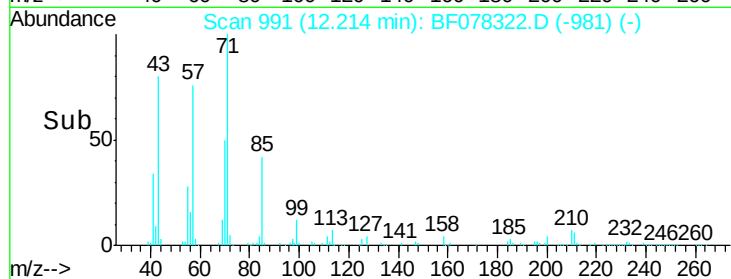
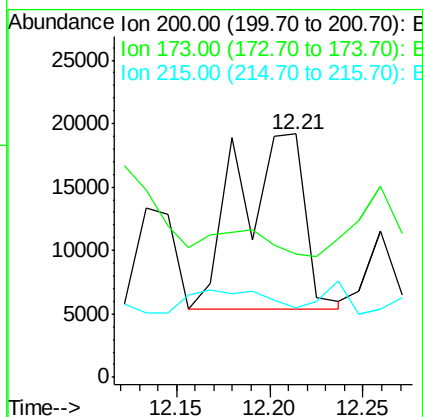
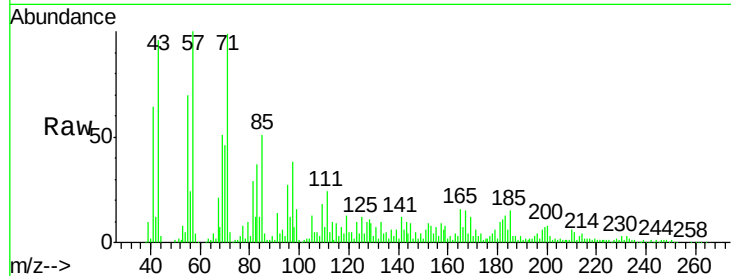




#68
Atrazine
Concen: 32.99 ng
RT: 12.21 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

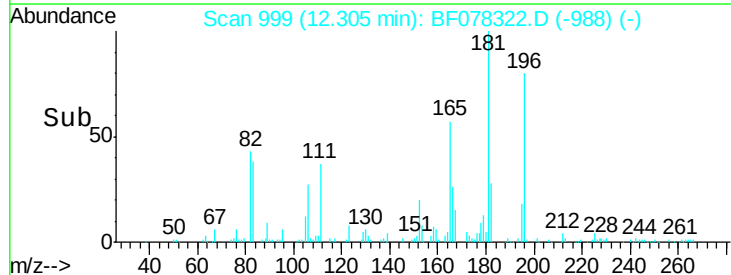
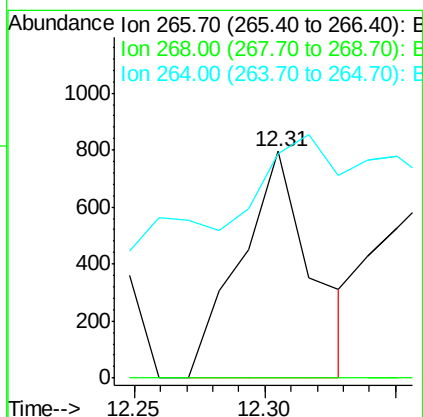
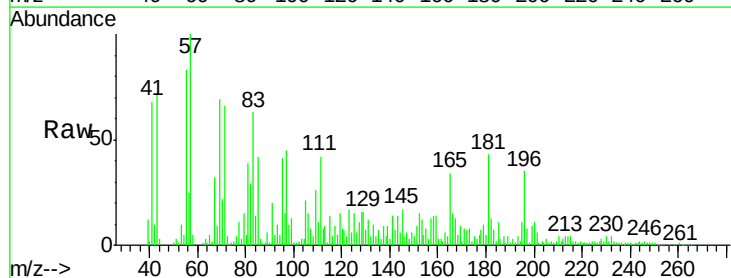
Instrument :
BNA_F
ClientSampleId :
FD-1

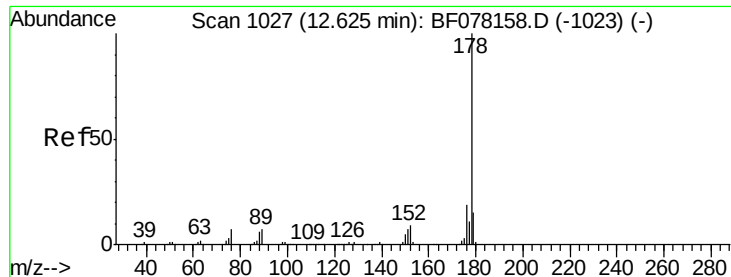
Tgt Ion:200 Resp: 34549
Ion Ratio Lower Upper
200 100
173 50.8 6.9 46.9#
215 28.4 27.1 67.1



#69
Pentachlorophenol
Concen: 10.31 ng
RT: 12.31 min Scan# 999
Delta R.T. 0.02 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

Tgt Ion:266 Resp: 1519
Ion Ratio Lower Upper
266 100
268 0.0 50.1 75.1#
264 99.0 50.0 75.0#

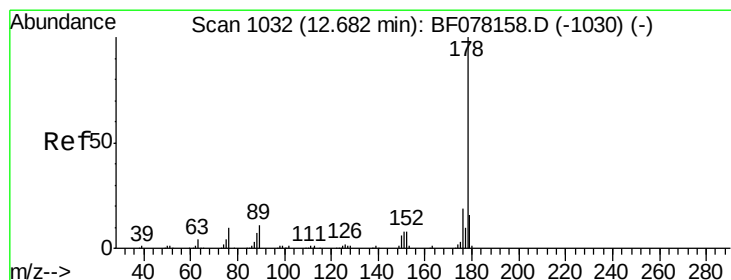
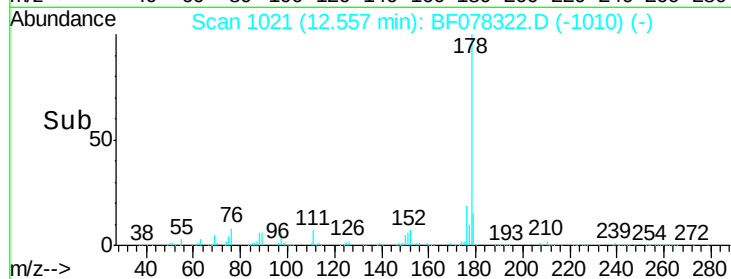
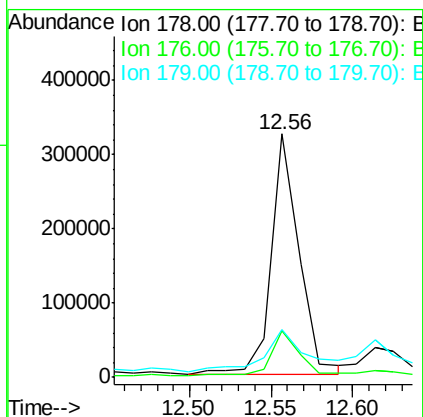
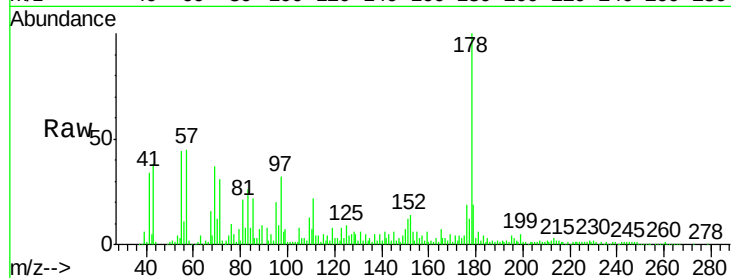




#70
Phenanthrene
Concen: 63.44 ng
RT: 12.56 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

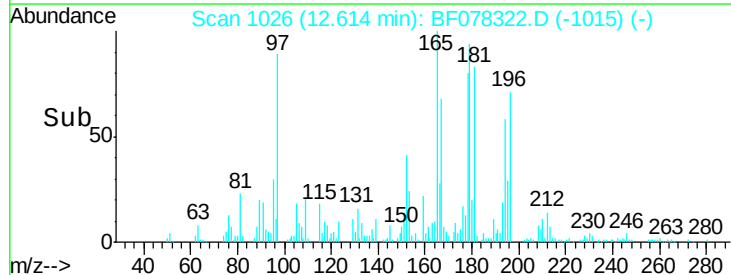
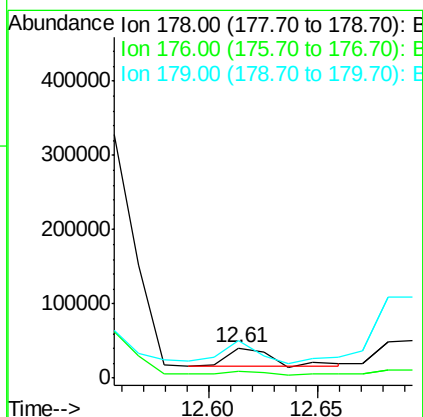
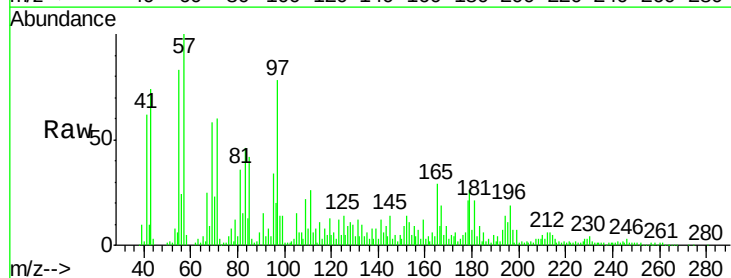
Instrument :
BNA_F
ClientSampleId :
FD-1

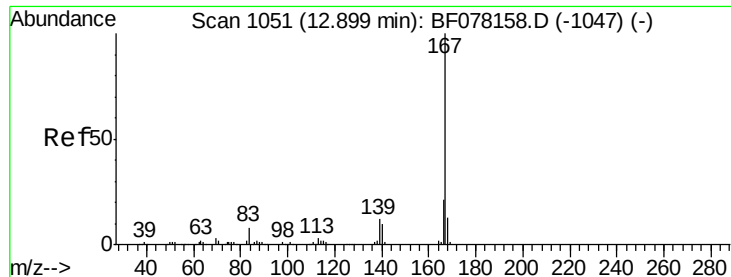
Tgt Ion:178 Resp: 383633
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 19.4 12.2 18.2#



#71
Anthracene
Concen: 5.16 ng
RT: 12.61 min Scan# 1026
Delta R.T. 0.02 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

Tgt Ion:178 Resp: 30764
Ion Ratio Lower Upper
178 100
176 23.5 14.8 22.2#
179 127.6 12.4 18.6#





#72

Carbazole

Concen: 4.88 ng

RT: 12.83 min Scan# 1045

Delta R.T. 0.02 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampleId :

FD-1

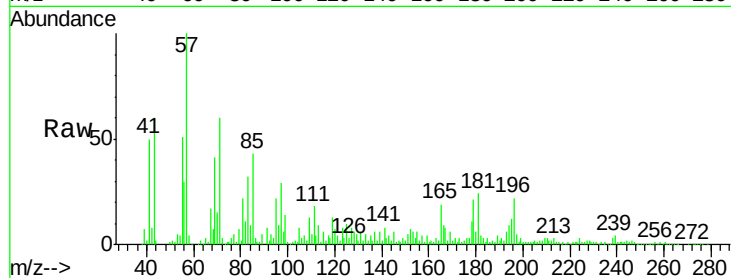
Tgt Ion:167 Resp: 27243

Ion Ratio Lower Upper

167 100

166 110.7 16.8 25.2#

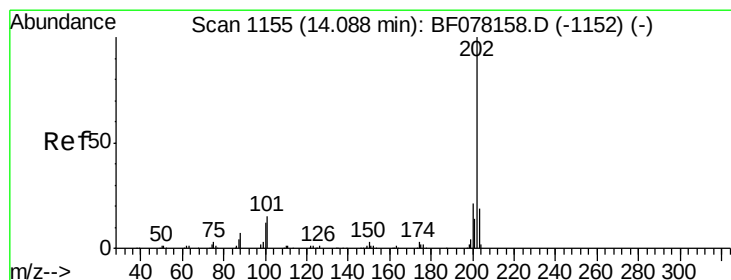
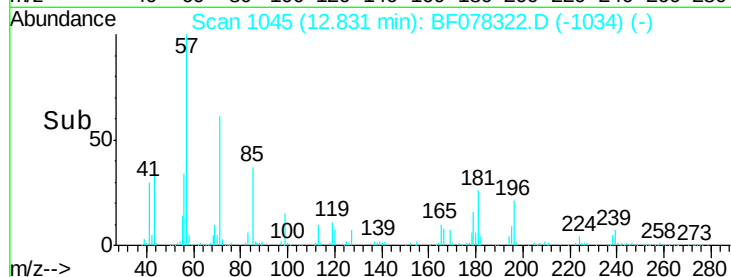
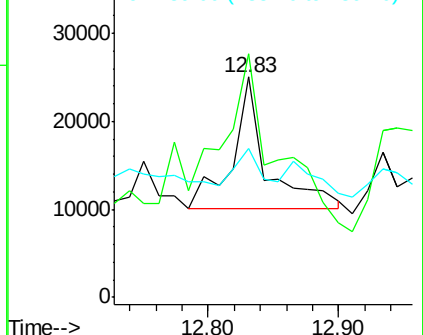
139 67.6 10.0 15.0#



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: 3.13 ng

RT: 14.03 min Scan# 1150

Delta R.T. 0.03 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

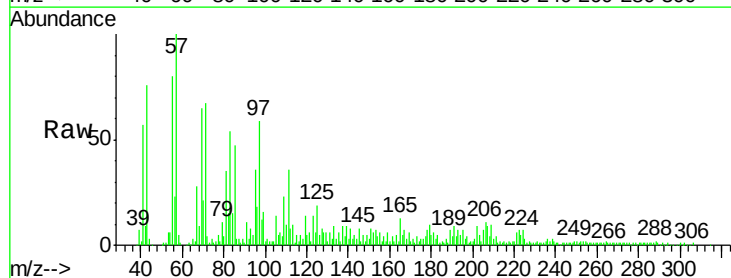
Tgt Ion:202 Resp: 19944

Ion Ratio Lower Upper

202 100

101 31.1 0.0 35.2

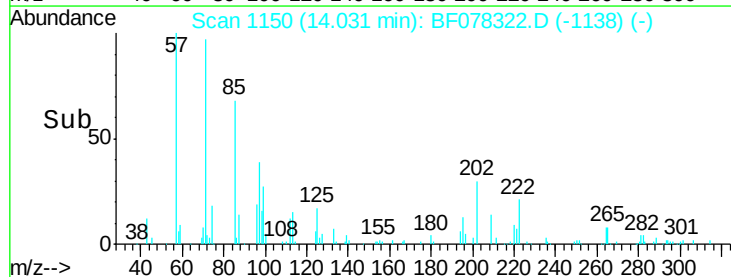
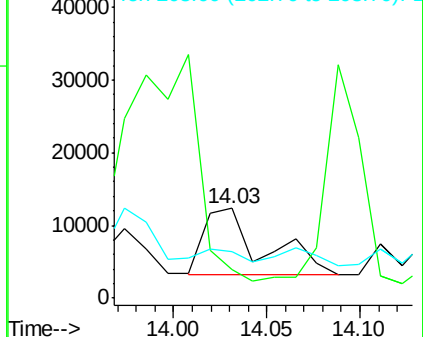
203 52.2 0.0 38.5#

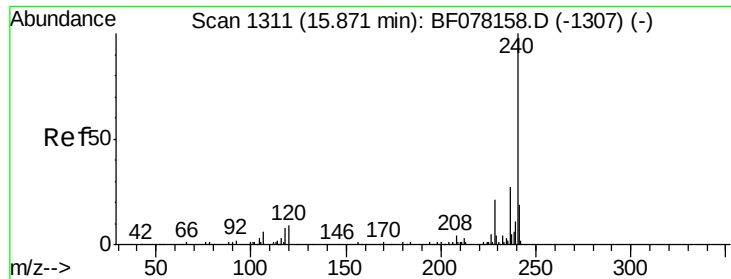


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.78 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampleId :

FD-1

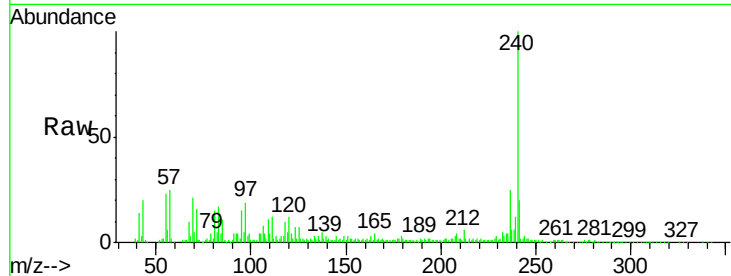
Tgt Ion:240 Resp: 136937

Ion Ratio Lower Upper

240 100

120 11.7 7.1 10.7#

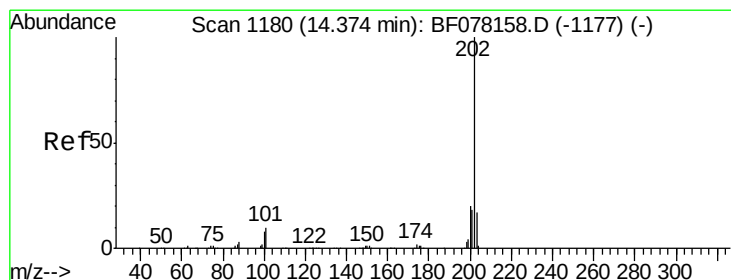
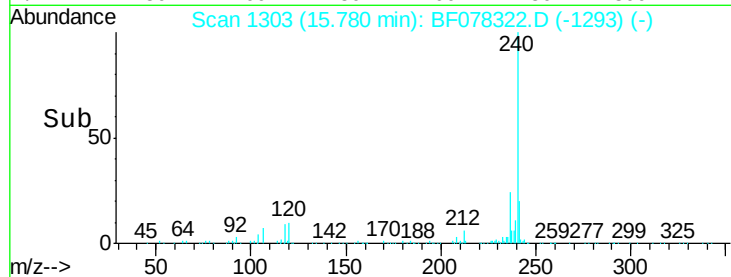
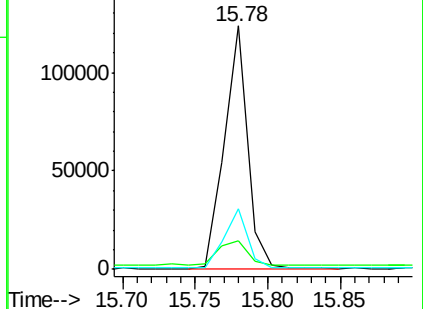
236 24.9 21.4 32.2



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: 14.79 ng

RT: 14.31 min Scan# 1174

Delta R.T. 0.03 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

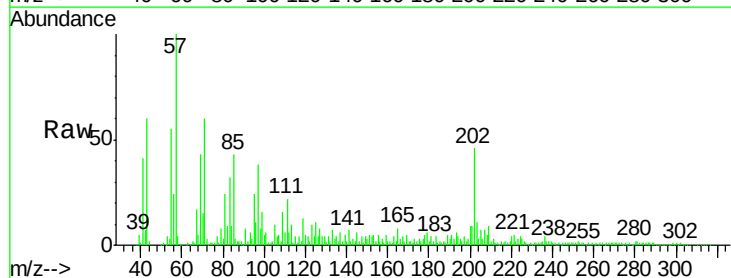
Tgt Ion:202 Resp: 127147

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

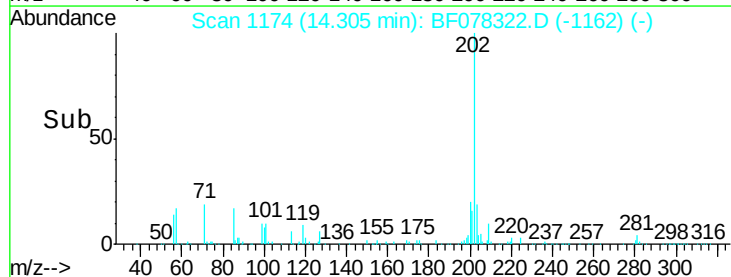
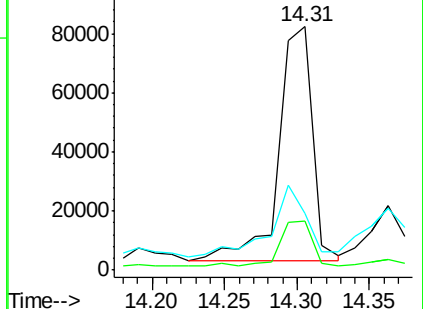
203 23.4 13.8 20.6#

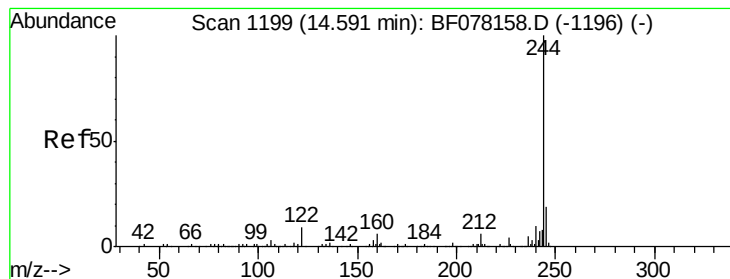


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 49.15 ng

RT: 14.52 min Scan# 1193

Delta R.T. 0.02 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampleId :

FD-1

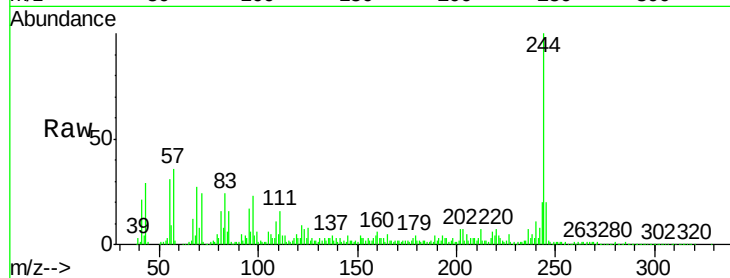
Tgt Ion:244 Resp: 297865

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

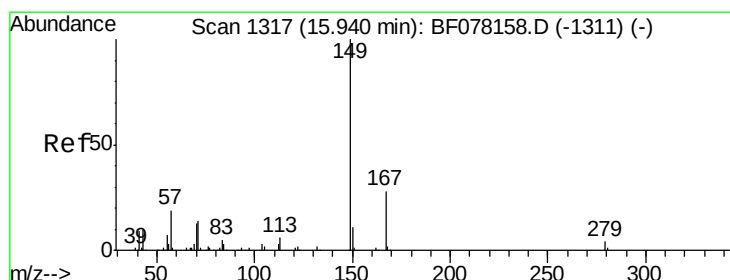
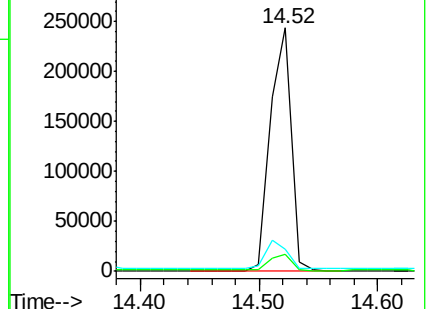
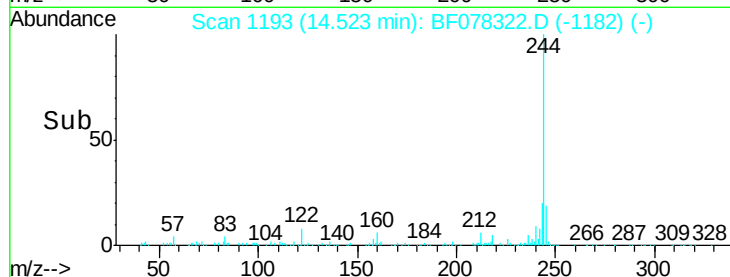
122 9.0 7.1 10.7



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: 24.86 ng

RT: 15.85 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

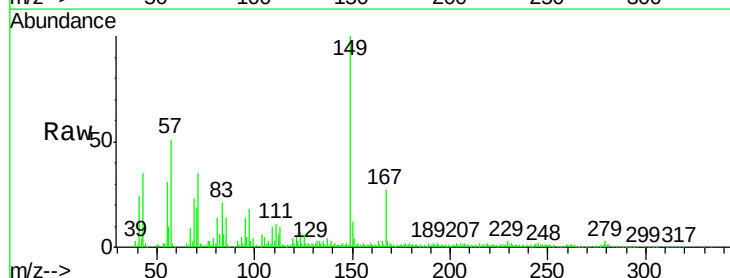
Tgt Ion:149 Resp: 127748

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

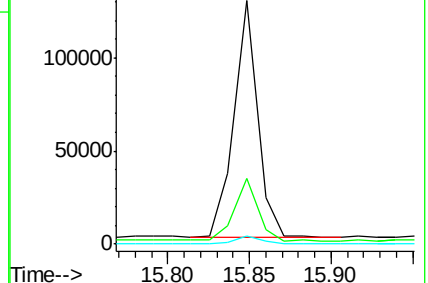
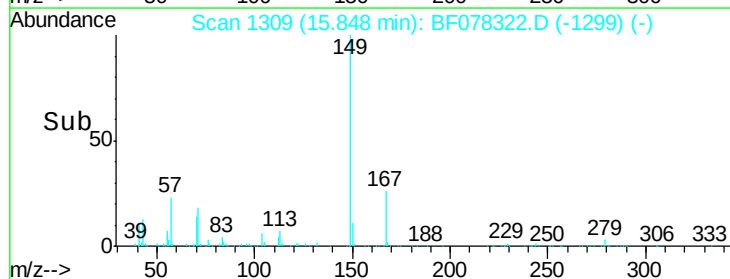
279 3.4 3.2 4.8

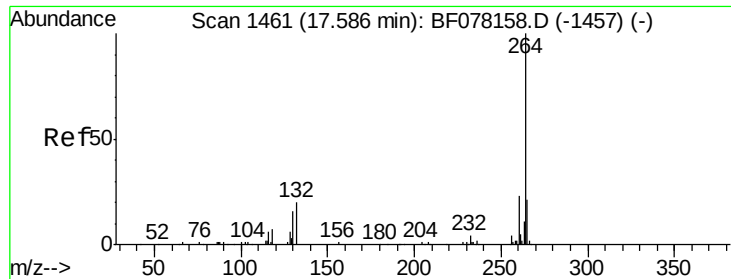


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



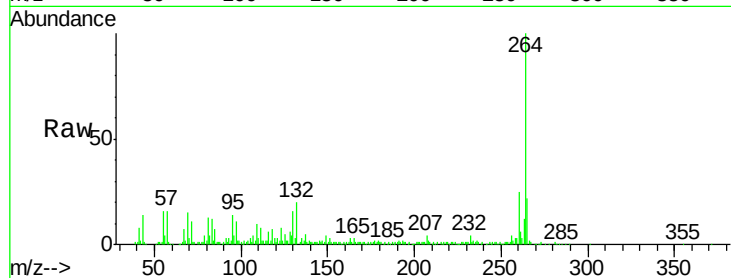


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.46 min Scan# 1450
Delta R.T. 0.03 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

Instrument :
BNA_F
ClientSampleId :
FD-1

Tgt Ion: 264 Resp: 140241

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	21.6	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

