

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077752.D
 Acq On : 16 Mar 2015 14:33
 Operator : TP/IZ
 Sample : G1412-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)

Quant Time: Mar 17 00:02:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 00:51:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	45455	20.00	ng	0.01
21) Naphthalene-d8	8.76	136	147408	20.00	ng	0.01
38) Acenaphthene-d10	10.93	164	54831	20.00	ng	0.02
63) Phenanthrene-d10	12.77	188	147434	20.00	ng	0.02
75) Chrysene-d12	16.03	240	203324	20.00	ng	0.00
86) Perylene-d12	17.77	264	204773	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	295882	113.62	ng	0.00
7) Phenol-d6	6.74	99	363420	112.96	ng	0.00
23) Nitrobenzene-d5	7.87	82	315866	140.46	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	64214	122.40	ng	0.02
44) 2-Fluorobiphenyl	10.11	172	408804	109.57	ng	0.02
78) Terphenyl-d14	14.76	244	486565	58.45	ng	0.01

Target Compounds

						Qvalue
9) Benzaldehyde	6.59	77	96523	73.23	ng	# 1
10) Phenol	6.76	94	9264	2.44	ng	# 60
15) Benzyl Alcohol	7.37	79	28276	11.26	ng	# 43
17) 2-Methylphenol	7.53	107	8175	3.24	ng	# 1
18) Hexachloroethane	7.84	117	212443	180.82	ng	# 14
19) n-Nitroso-di-n-propylamine	7.69	70	100301	45.06	ng	# 48
20) 3+4-Methylphenols	7.68	107	7219	2.18	ng	# 1
22) Acetophenone	7.68	105	820358	251.39	ng	# 56
24) Nitrobenzene	7.85	77	122863	50.71	ng	# 26
25) Isophorone	8.18	82	136375	30.03	ng	# 1
26) 2-Nitrophenol	8.33	139	20925	17.64	ng	# 1
27) 2,4-Dimethylphenol	8.33	122	12829	5.94	ng	# 1
28) bis(2-Chloroethoxy)methane	8.50	93	24997	9.07	ng	# 1
29) 2,4-Dichlorophenol	8.58	162	25727	12.49	ng	# 17
31) Naphthalene	8.78	128	732310	96.73	ng	# 93
32) Benzoic acid	8.51	122	10280	11.07	ng	# 1
33) 4-Chloroaniline	8.89	127	8977	2.92	ng	# 1
35) Caprolactam	9.28	113	50174	83.35	ng	# 1
36) 4-Chloro-3-methylphenol	9.44	107	17108	8.26	ng	# 27
37) 2-Methylnaphthalene	9.65	142	1636037	321.67	ng	# 95
42) 2,4,6-Trichlorophenol	10.02	196	10938	9.66	ng	# 12
43) 2,4,5-Trichlorophenol	10.06	196	5083	4.15	ng	# 1
45) 1,1'-Biphenyl	10.22	154	410873	93.74	ng	# 94
47) 2-Nitroaniline	10.40	65	9462	10.70	ng	# 1
48) Acenaphthylene	10.77	152	49537	8.36	ng	# 1
49) Dimethylphthalate	10.61	163	39492	9.71	ng	# 67
50) 2,6-Dinitrotoluene	10.71	165	18306	21.72	ng	# 69
51) Acenaphthene	10.98	154	69848	20.57	ng	# 88
52) 3-Nitroaniline	10.83	138	3491	3.57	ng	# 22
53) 2,4-Dinitrophenol	11.05	184	1512	12.45	ng	# 1
54) Dibenzofuran	11.20	168	72346	14.36	ng	# 1
55) 4-Nitrophenol	11.14	139	13092	18.05	ng	# 1
56) 2,4-Dinitrotoluene	11.21	165	46744	42.52	ng	# 59
57) Fluorene	11.62	166	314655	75.23	ng	# 88

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Instrument :
 BNA_F
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 PE-4(7.0-7.5)

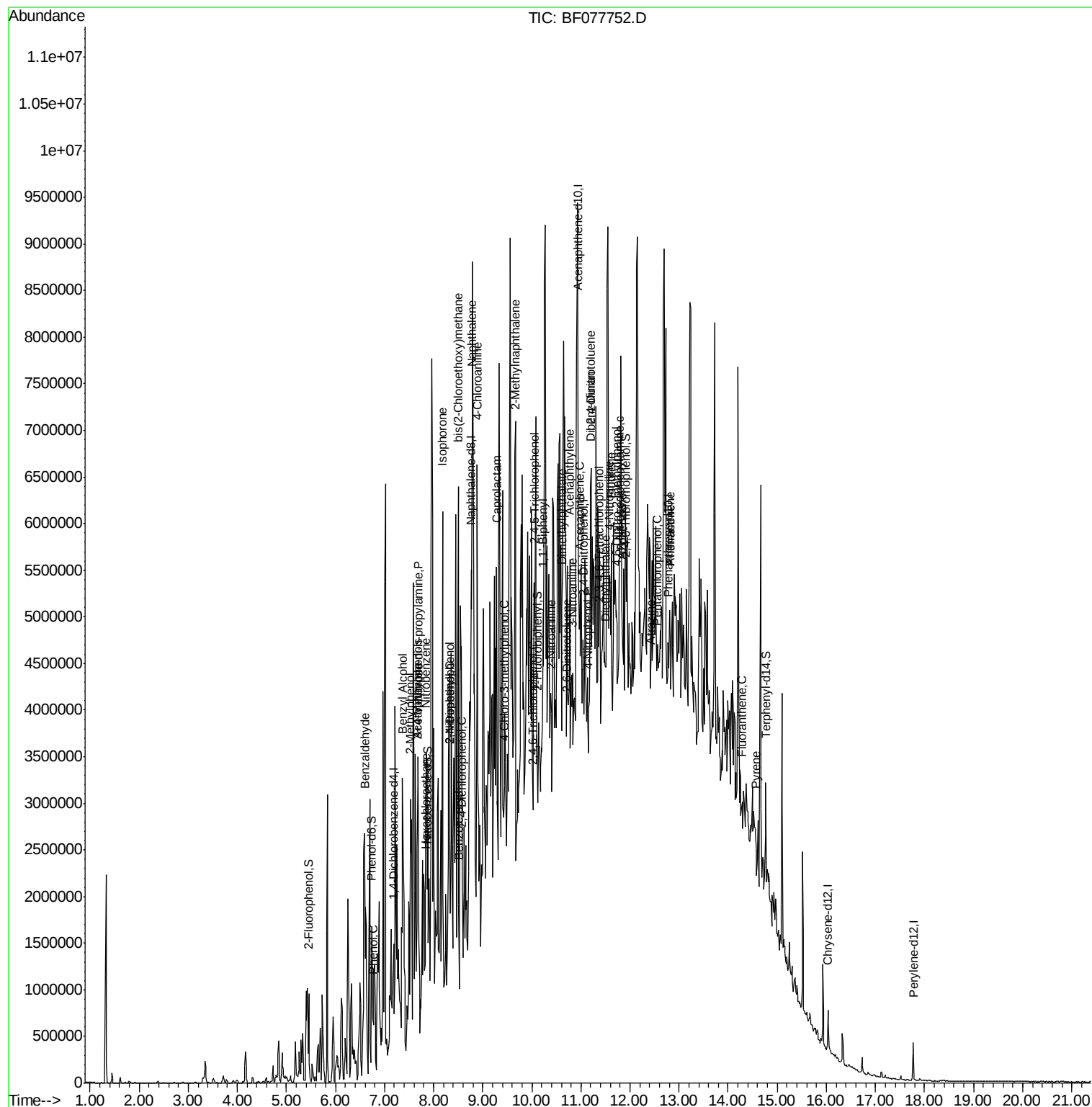
Quant Time: Mar 17 00:02:54 2015
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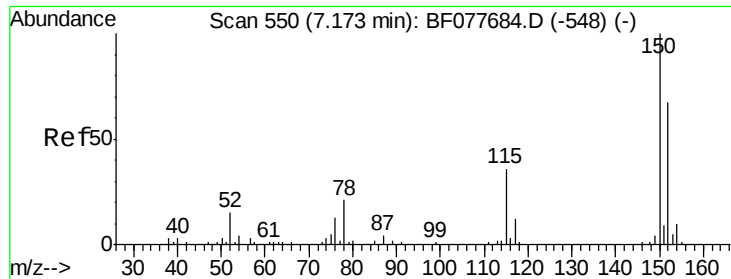
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2,3,4,6-Tetrachlorophenol	11.37	232	4507	4.78	ng	# 100
59) Diethylphthalate	11.49	149	31957	8.06	ng	# 1
61) 4-Nitroaniline	11.59	138	2915	2.99	ng	# 24
62) Azobenzene	11.84	77	27171	7.17	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.72	198	2171	7.14	ng	# 1
65) n-Nitrosodiphenylamine	11.78	169	338600	68.97	ng	# 49
68) Atrazine	12.42	200	21598	15.70	ng	# 48
69) Pentachlorophenol	12.55	266	1502	4.68	ng	# 1
70) Phenanthrene	12.81	178	682241	80.61	ng	# 96
71) Anthracene	12.81	178	632472	75.64	ng	# 96
74) Fluoranthene	14.28	202	38668	4.14	ng	# 41
77) Pyrene	14.56	202	168736	13.20	ng	# 94

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

Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.18 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

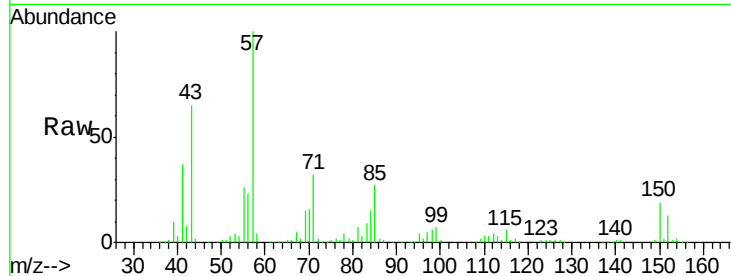
Tgt Ion:152 Resp: 45455

Ion Ratio Lower Upper

152 100

150 151.6 119.5 179.3

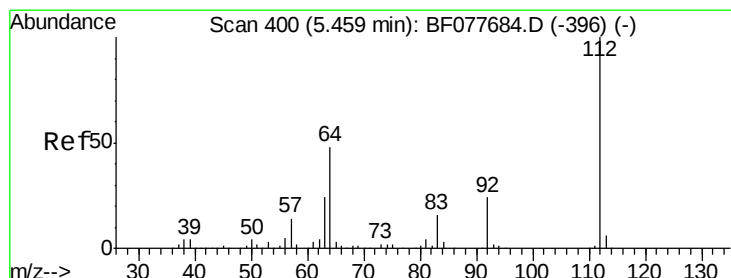
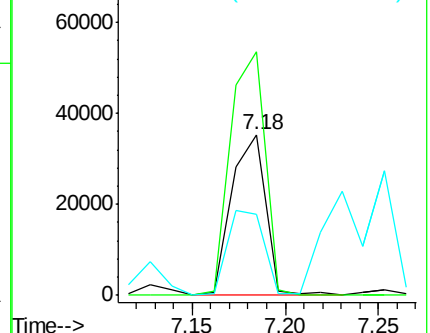
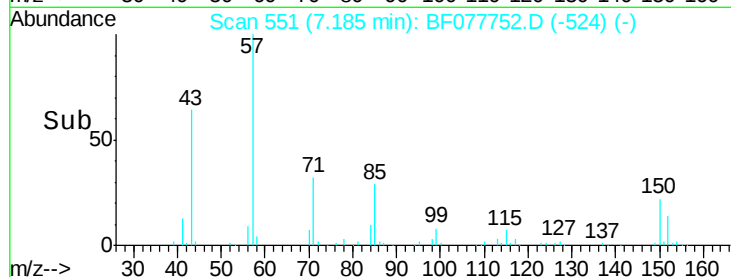
115 50.8 43.0 64.4



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: 113.62 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

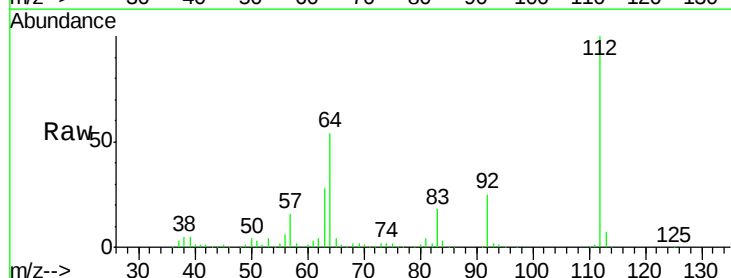
Tgt Ion:112 Resp: 295882

Ion Ratio Lower Upper

112 100

64 54.5 38.6 57.8

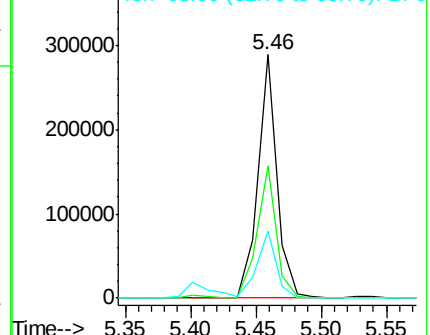
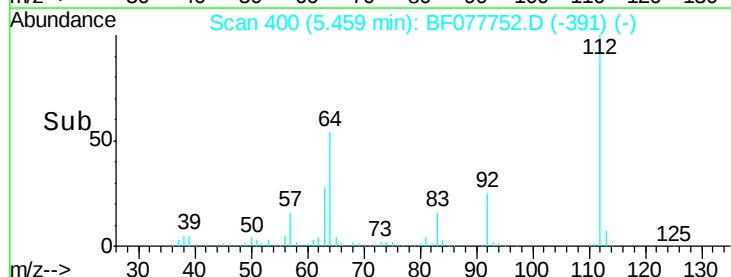
63 27.7 19.3 28.9

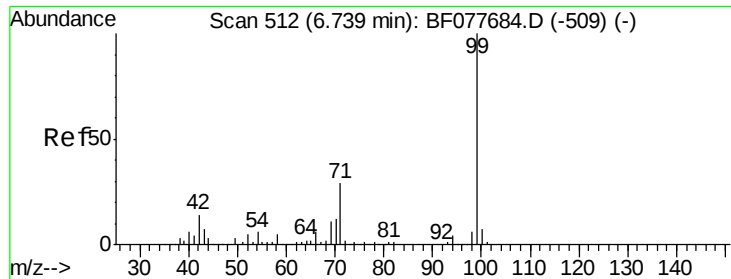


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.96 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

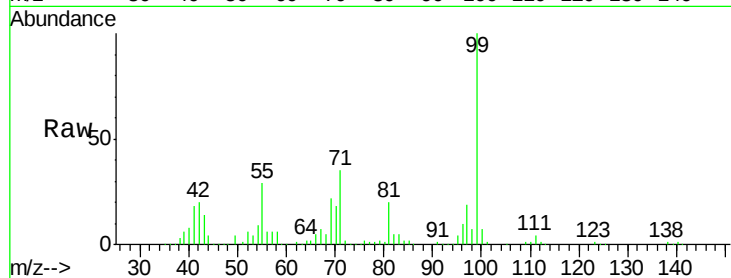
Tgt Ion: 99 Resp: 363420

Ion Ratio Lower Upper

99 100

42 19.6 11.0 16.4#

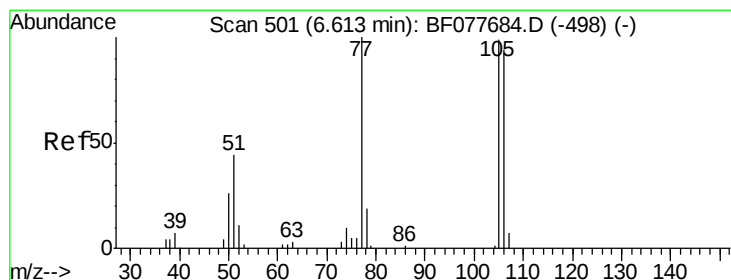
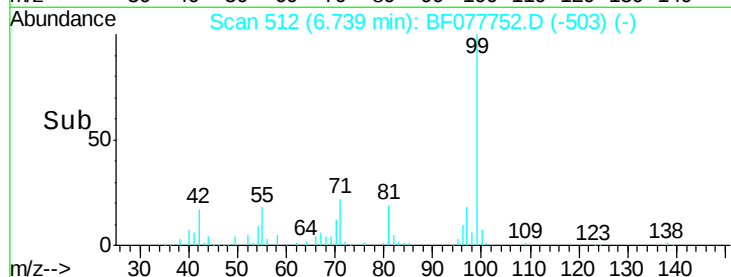
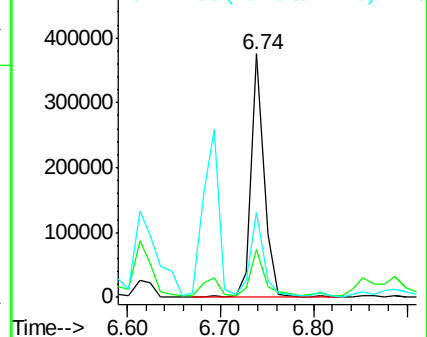
71 34.9 23.4 35.2



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: 73.23 ng

RT: 6.59 min Scan# 499

Delta R.T. -0.02 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

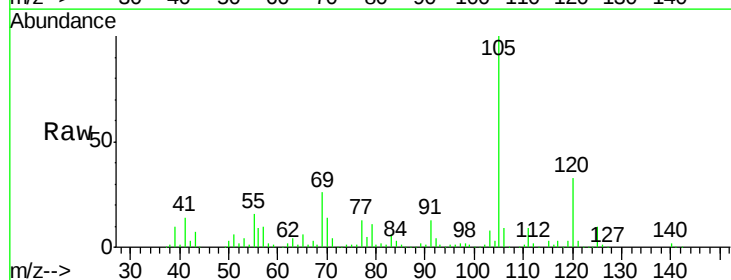
Tgt Ion: 77 Resp: 96523

Ion Ratio Lower Upper

77 100

105 748.3 78.8 118.8#

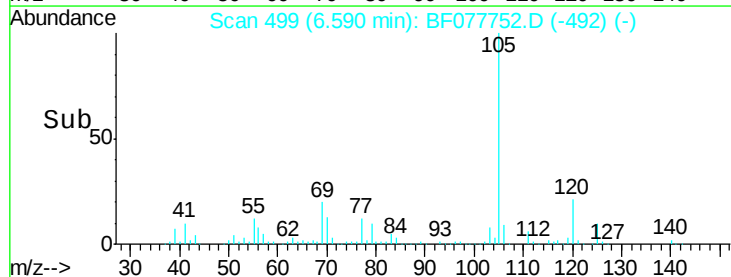
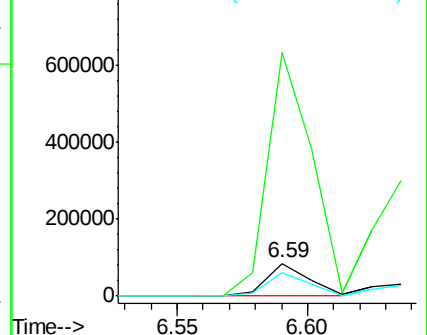
106 70.2 73.7 113.7#

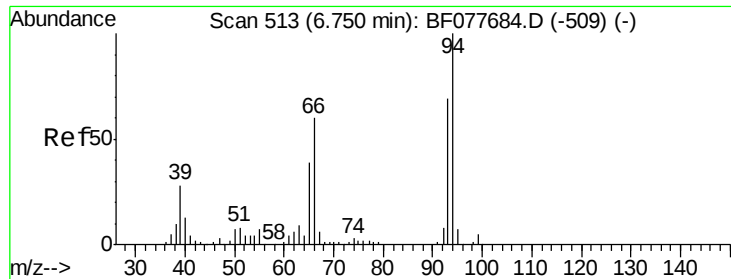


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.44 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

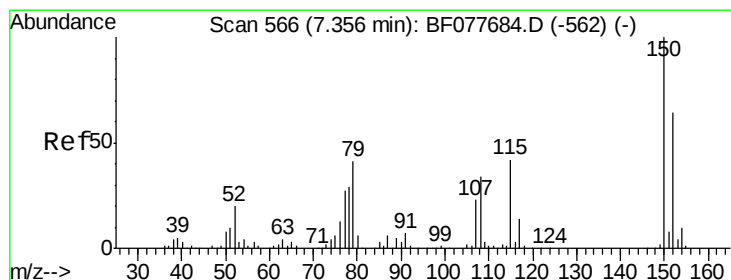
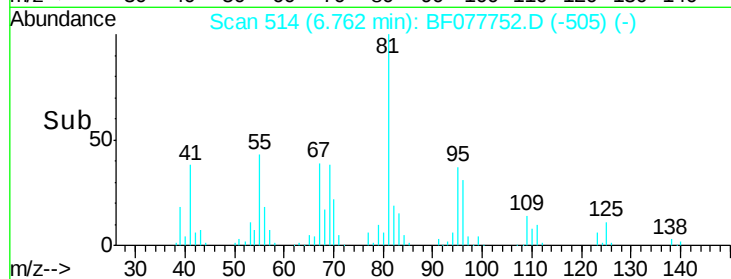
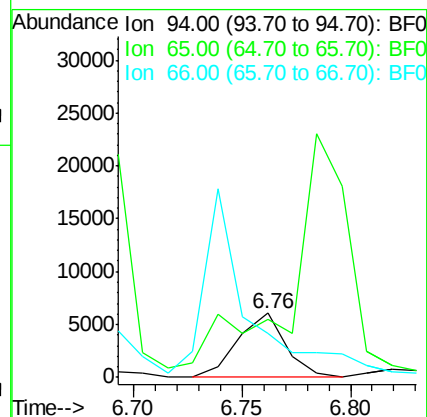
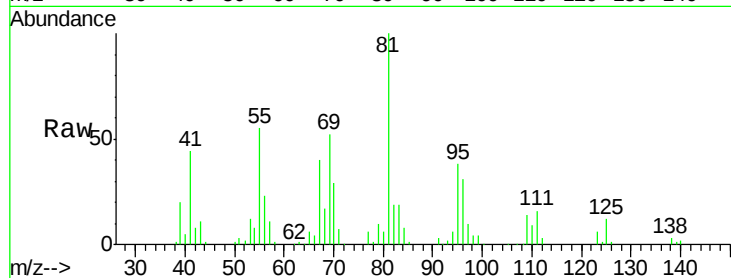
Tgt Ion: 94 Resp: 9264

Ion Ratio Lower Upper

94 100

65 89.9 18.8 58.8#

66 69.0 39.9 79.9



#15

Benzyl Alcohol

Concen: 11.26 ng

RT: 7.37 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

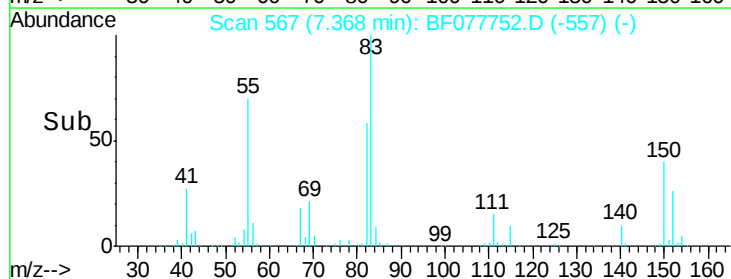
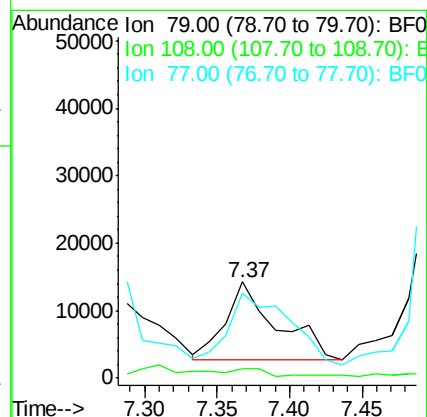
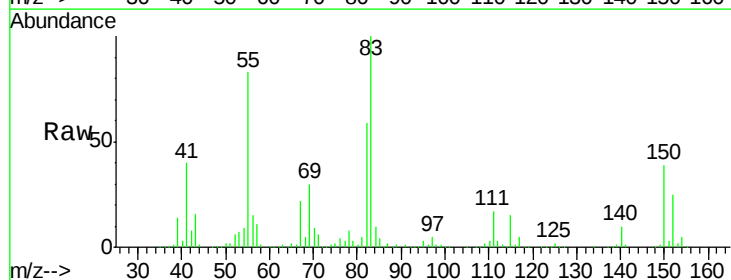
Tgt Ion: 79 Resp: 28276

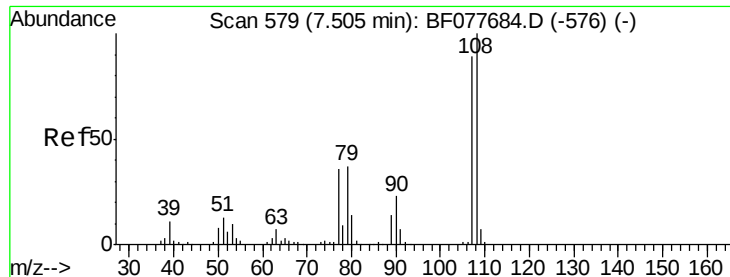
Ion Ratio Lower Upper

79 100

108 9.4 65.0 97.4#

77 89.1 53.0 79.6#





#17

2-Methylphenol

Concen: 3.24 ng

RT: 7.53 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

Tgt Ion:107 Resp: 8175

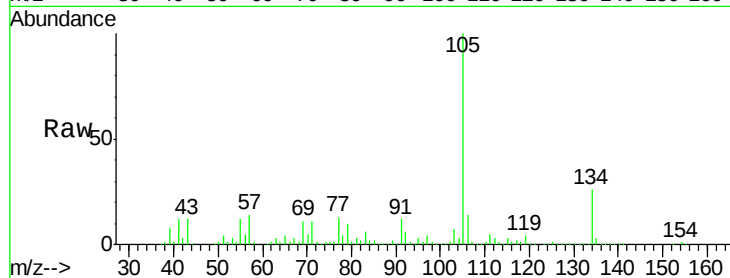
Ion Ratio Lower Upper

107 100

108 6.0 89.8 134.8#

77 1505.8 32.6 48.8#

79 1146.6 32.8 49.2#

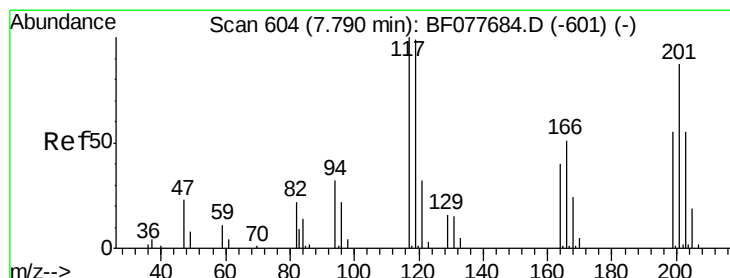
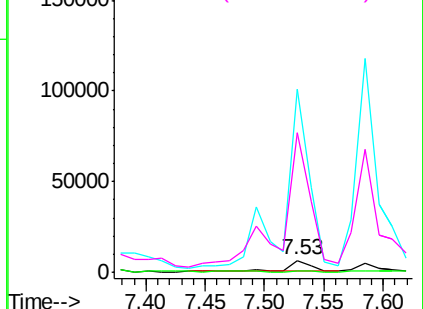
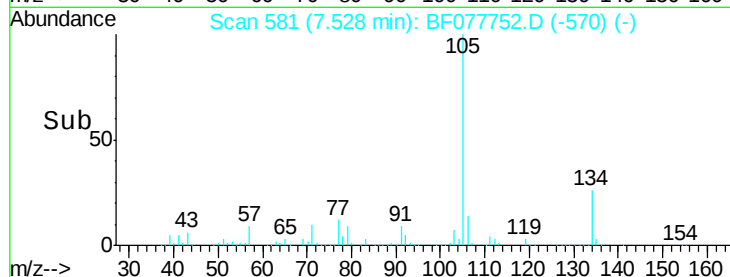


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 180.82 ng

RT: 7.84 min Scan# 608

Delta R.T. 0.05 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

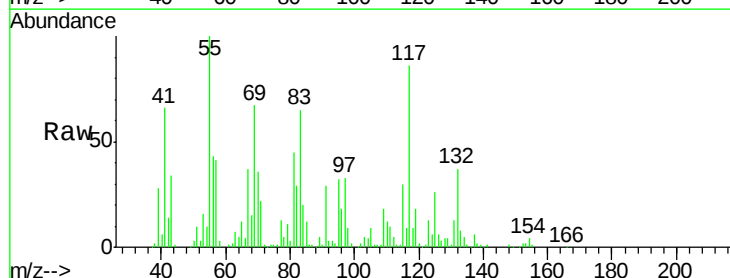
Tgt Ion:117 Resp: 212443

Ion Ratio Lower Upper

117 100

119 20.8 79.2 118.8#

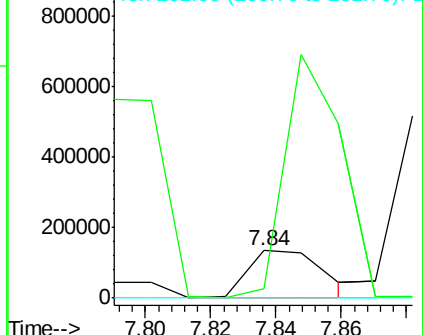
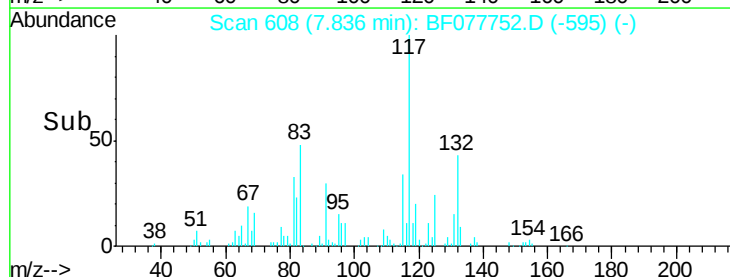
201 0.0 69.8 104.6#

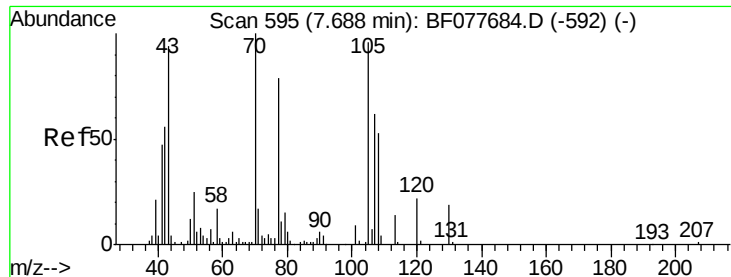


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

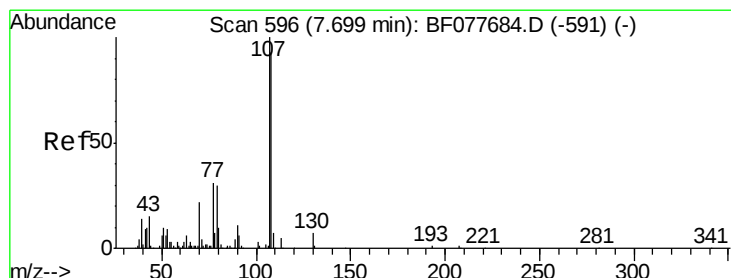
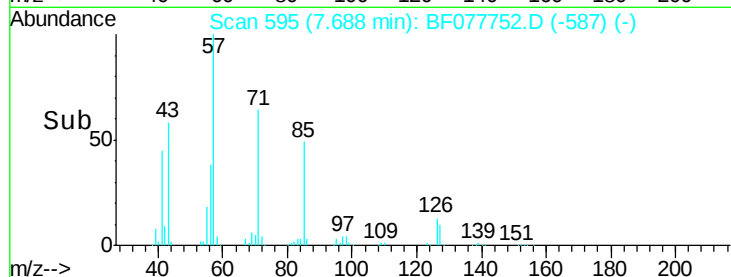
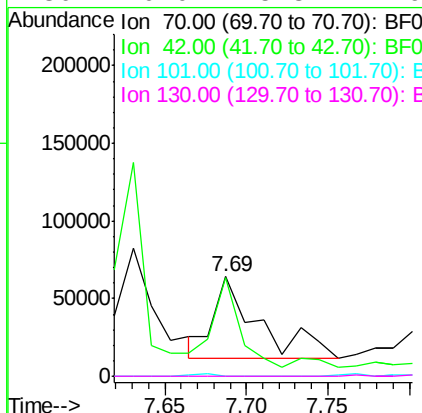
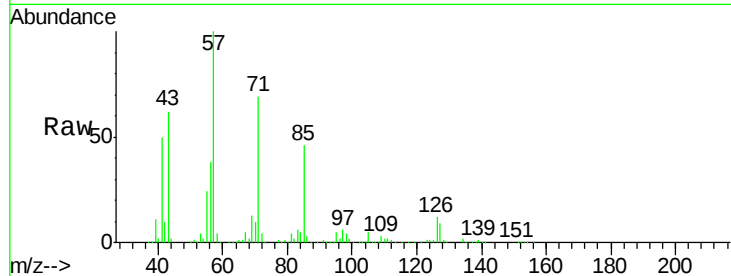




#19
n-Nitroso-di-n-propylamine
Concen: 45.06 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

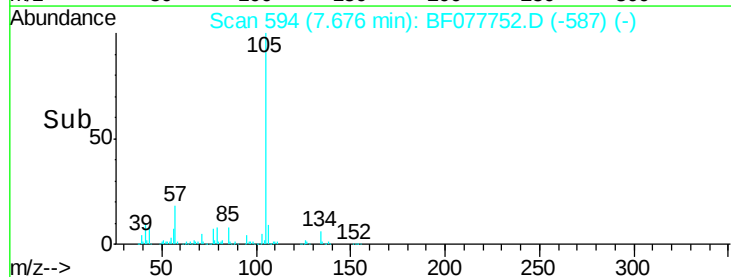
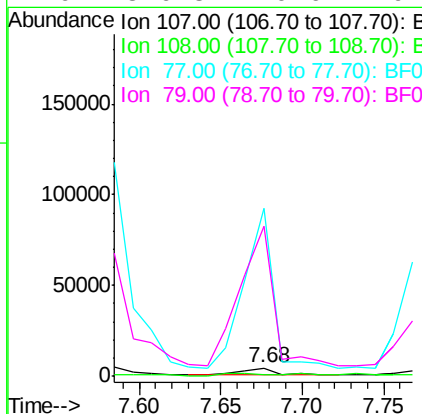
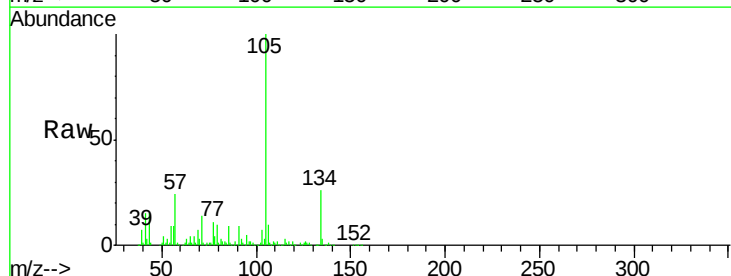
Instrument :
BNA_F
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PE-4(7.0-7.5)

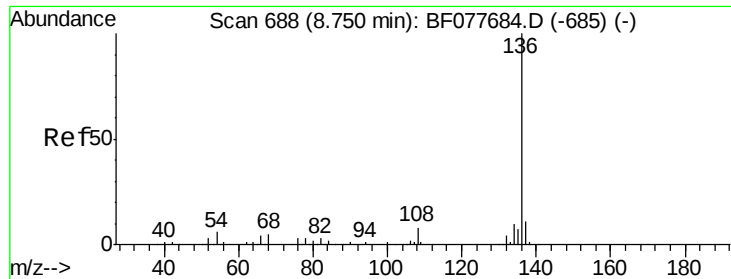
Tgt Ion: 70 Resp: 100301
Ion Ratio Lower Upper
70 100
42 99.5 44.5 66.7#
101 0.0 7.4 11.2#
130 0.0 15.3 22.9#



#20
3+4-Methylphenols
Concen: 2.18 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

Tgt Ion: 107 Resp: 7219
Ion Ratio Lower Upper
107 100
108 19.8 73.2 113.2#
77 2032.7 10.7 50.7#
79 1816.3 9.6 49.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

Tgt Ion:136 Resp: 147408

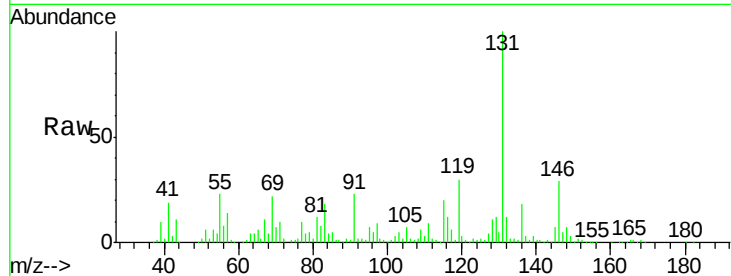
Ion Ratio Lower Upper

136 100

137 15.8 8.7 13.1#

54 19.7 4.6 6.8#

68 20.8 3.7 5.5#

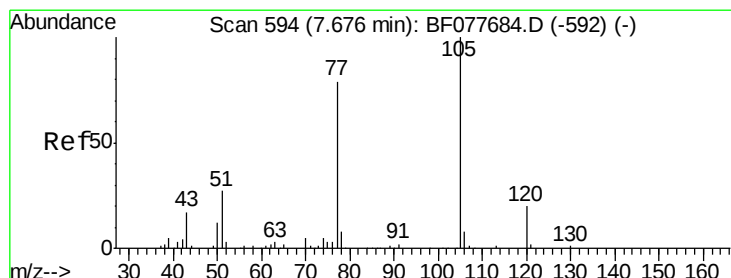
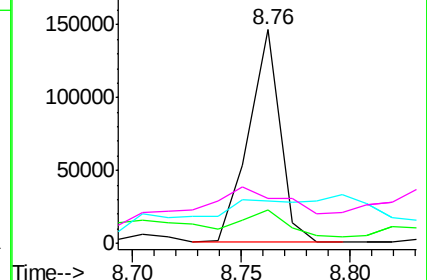
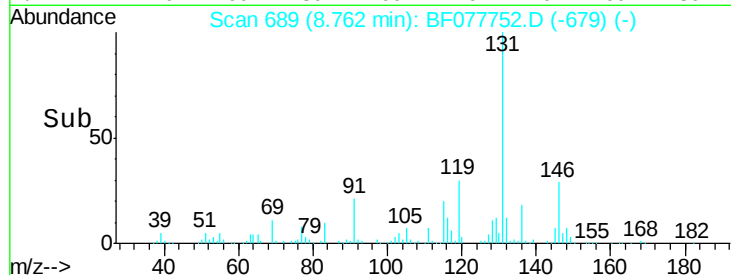


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 251.39 ng

RT: 7.68 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Tgt Ion:105 Resp: 820358

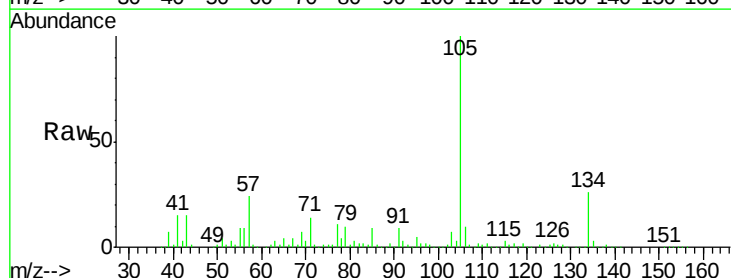
Ion Ratio Lower Upper

105 100

71 13.9 0.6 1.0#

51 3.6 21.6 32.4#

120 0.2 16.1 24.1#

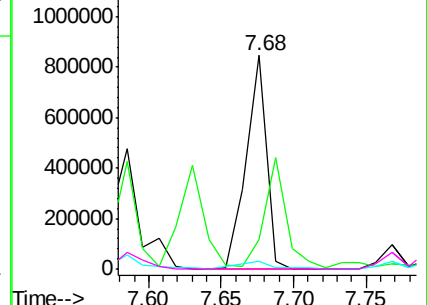
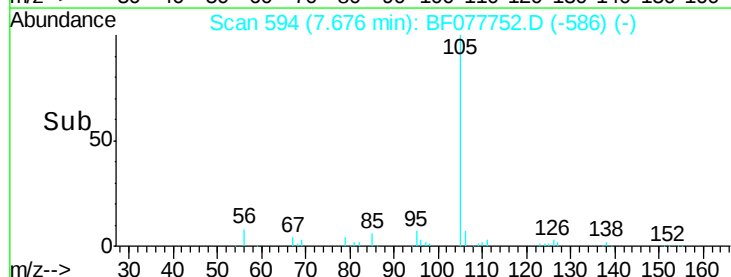


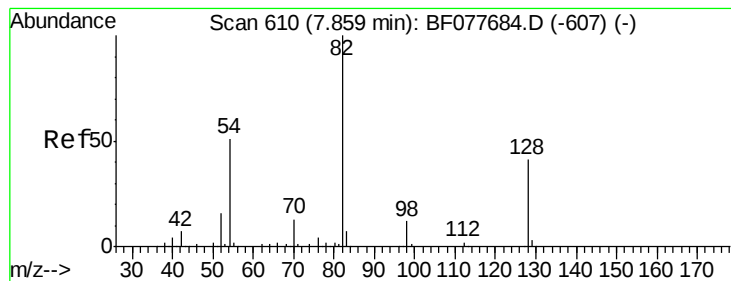
Abundance Ion 105.00 (104.70 to 105.70): E

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: 140.46 ng

RT: 7.87 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

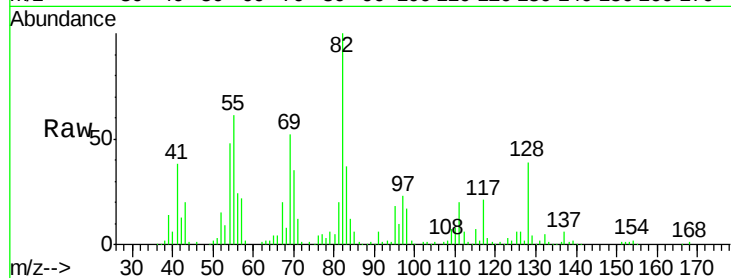
Tgt Ion: 82 Resp: 315866

Ion Ratio Lower Upper

82 100

128 38.6 32.8 49.2

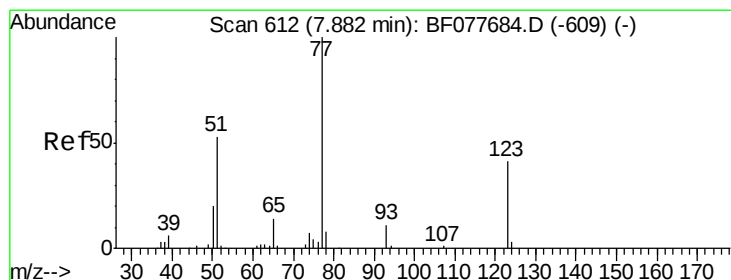
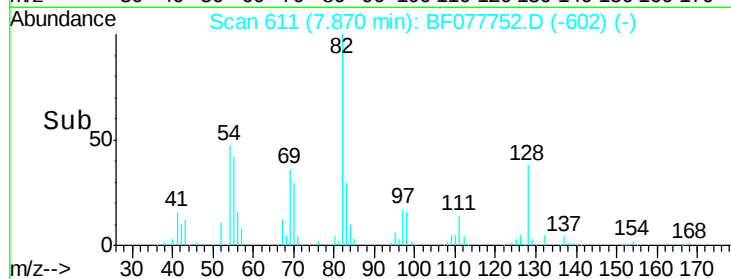
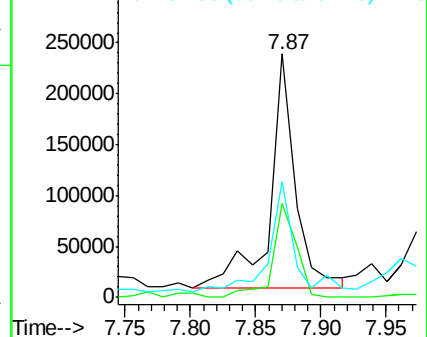
54 47.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 50.71 ng

RT: 7.85 min Scan# 609

Delta R.T. -0.05 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

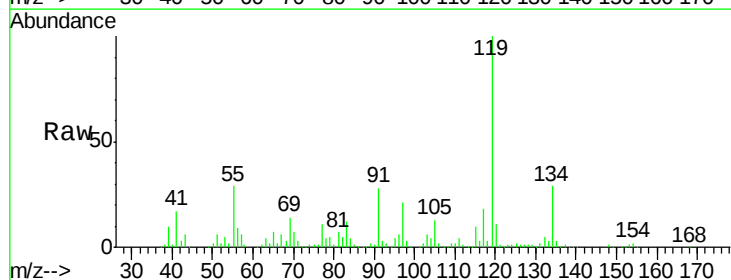
Tgt Ion: 77 Resp: 122863

Ion Ratio Lower Upper

77 100

123 5.9 32.6 49.0#

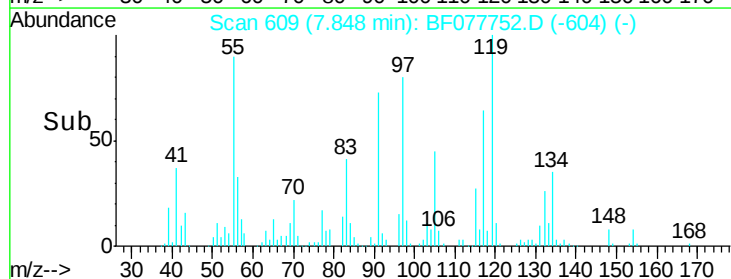
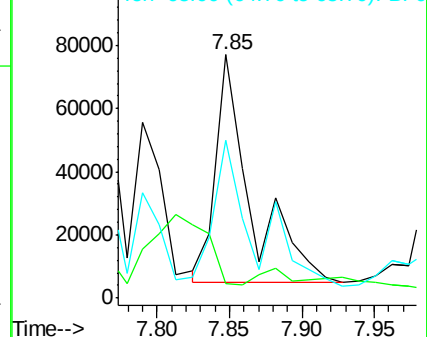
65 65.1 10.9 16.3#

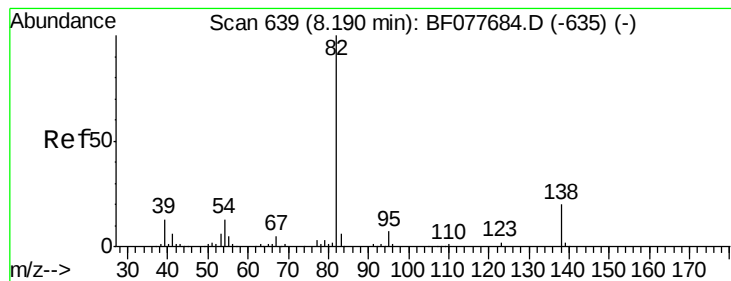


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 30.03 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

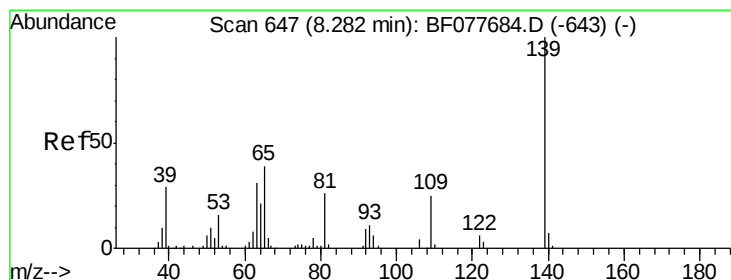
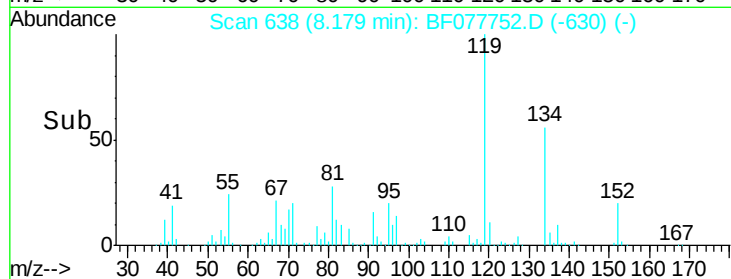
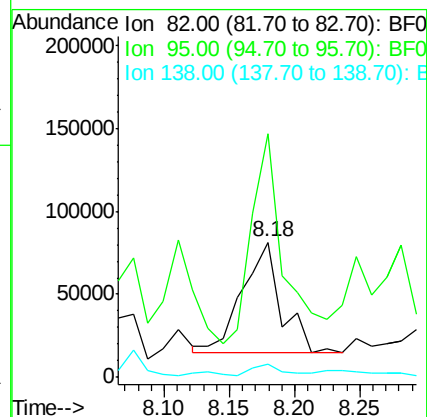
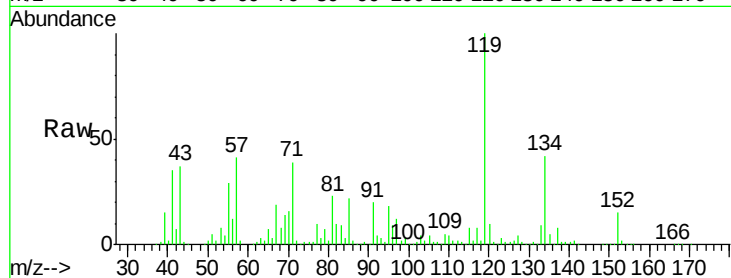
Tgt Ion: 82 Resp: 136375

Ion Ratio Lower Upper

82 100

95 179.8 5.8 8.6#

138 9.8 16.3 24.5#



#26

2-Nitrophenol

Concen: 17.64 ng

RT: 8.33 min Scan# 651

Delta R.T. 0.05 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

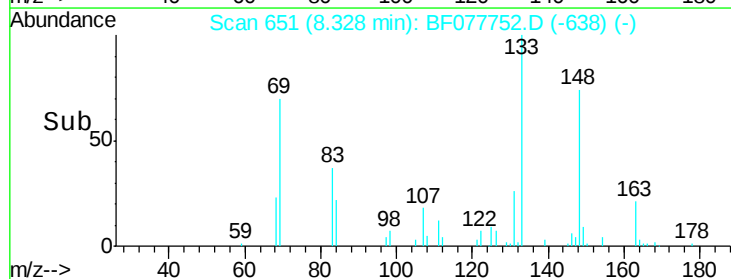
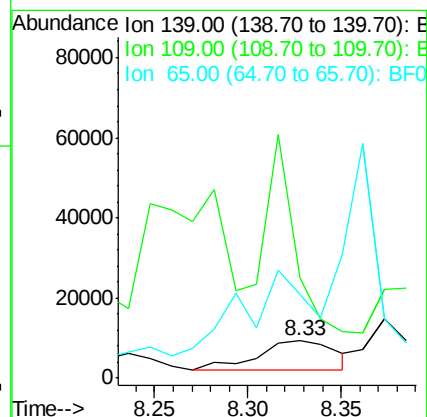
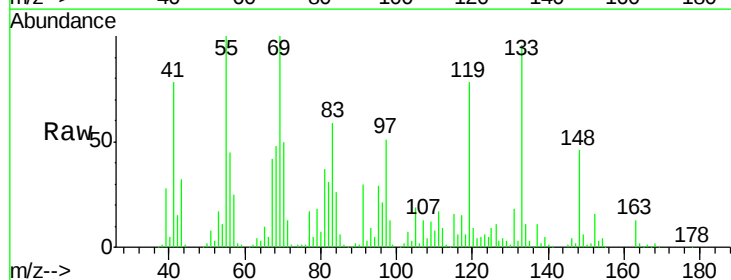
Tgt Ion: 139 Resp: 20925

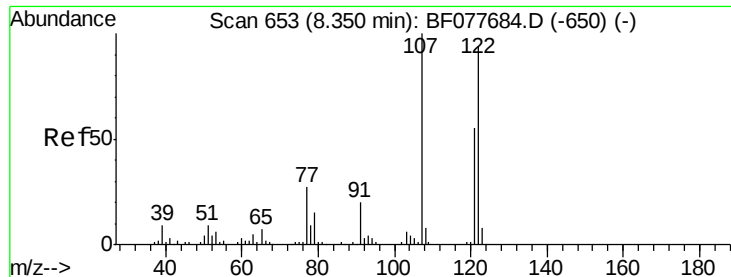
Ion Ratio Lower Upper

139 100

109 269.6 20.1 30.1#

65 223.7 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 5.94 ng

RT: 8.33 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

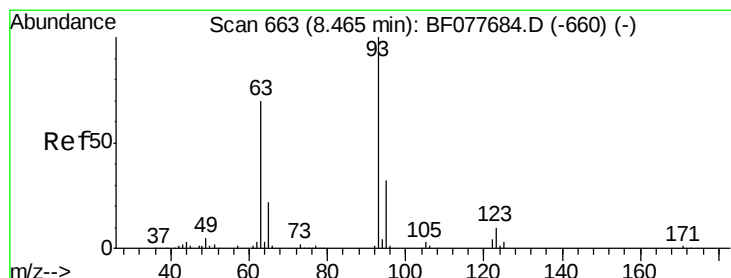
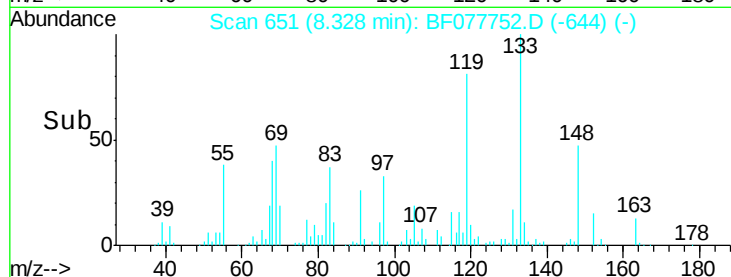
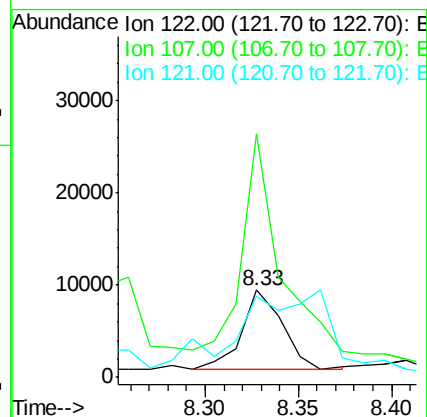
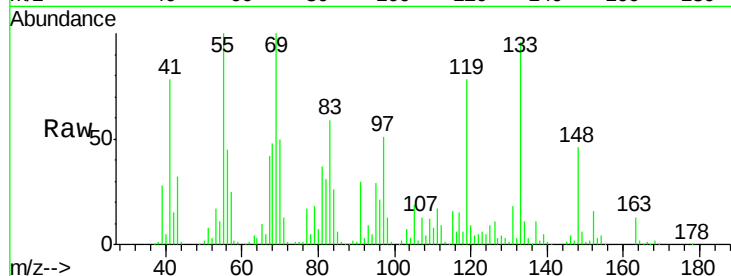
Tgt Ion:122 Resp: 12829

Ion Ratio Lower Upper

122 100

107 280.3 84.7 127.1#

121 93.3 46.6 69.8#



#28

bis(2-Chloroethoxy)methane

Concen: 9.07 ng

RT: 8.50 min Scan# 666

Delta R.T. 0.02 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

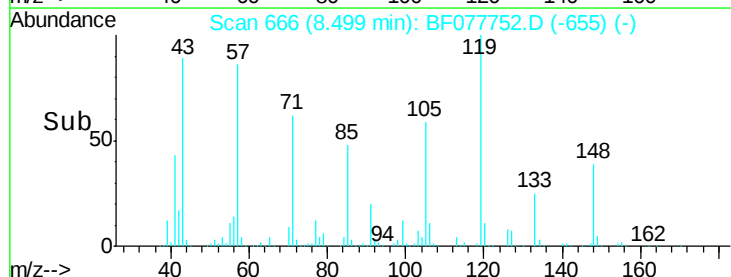
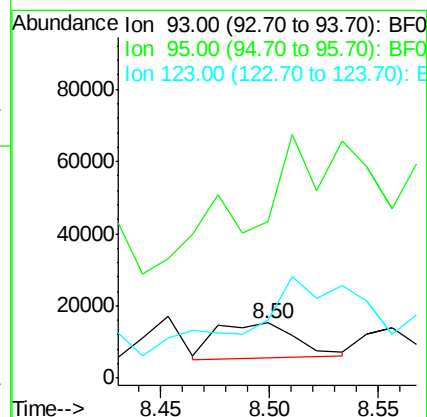
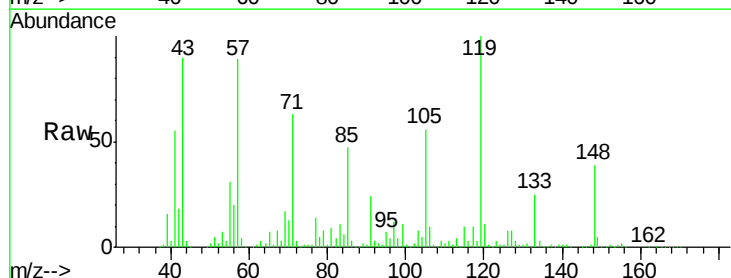
Tgt Ion: 93 Resp: 24997

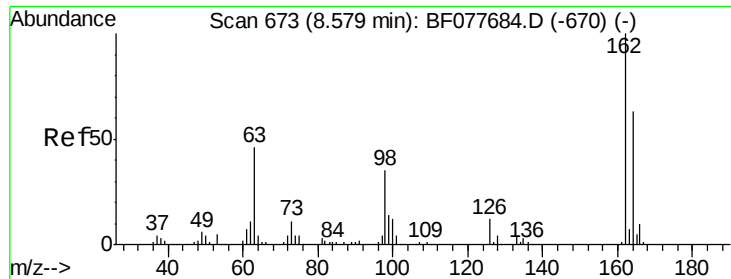
Ion Ratio Lower Upper

93 100

95 284.8 25.5 38.3#

123 105.7 8.6 13.0#

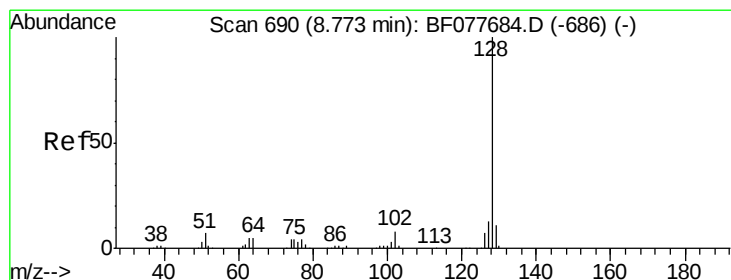
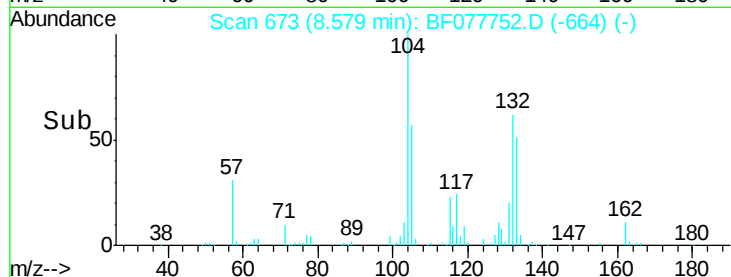
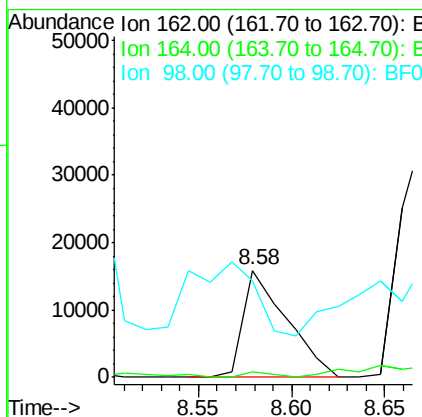
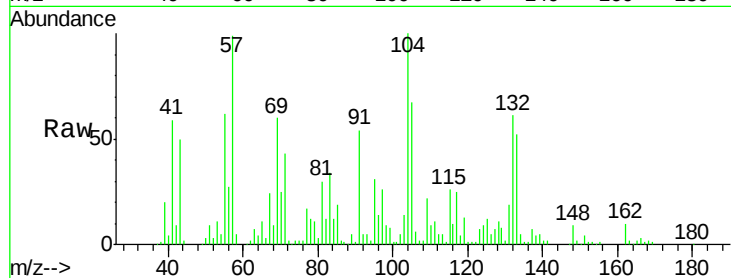




#29
2,4-Dichlorophenol
Concen: 12.49 ng
RT: 8.58 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

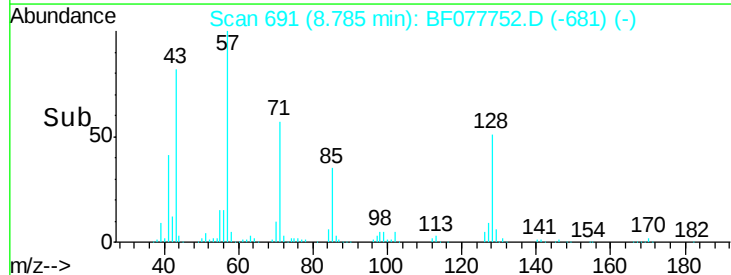
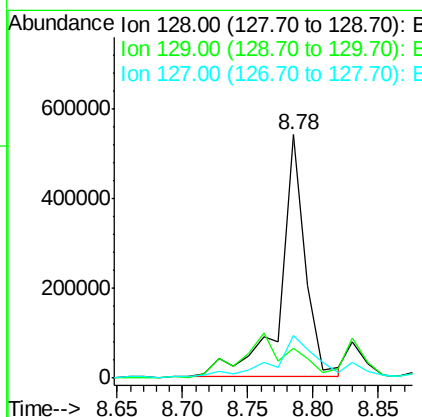
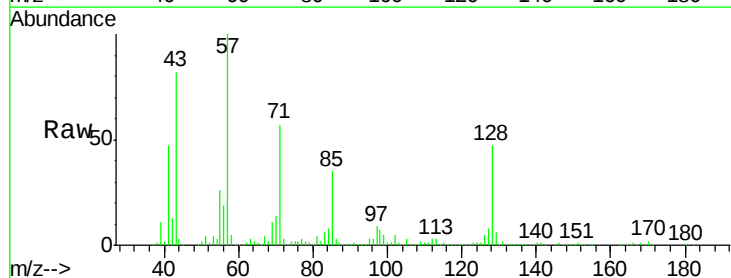
Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)

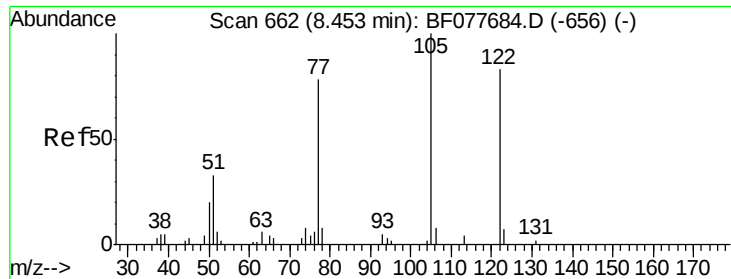
Tgt Ion:162 Resp: 25727
Ion Ratio Lower Upper
162 100
164 4.7 42.8 82.8#
98 91.0 14.5 54.5#



#31
Naphthalene
Concen: 96.73 ng
RT: 8.78 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

Tgt Ion:128 Resp: 732310
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 17.4 10.4 15.6#





#32

Benzoic acid

Concen: 11.07 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.05 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

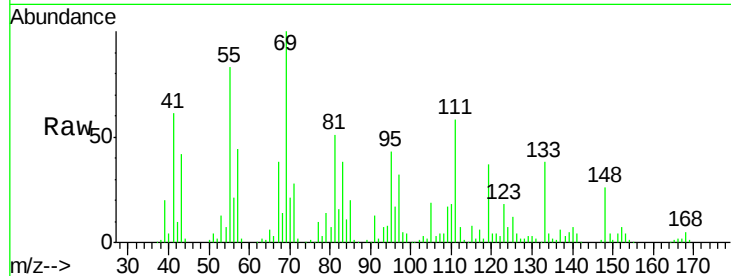
Tgt Ion:122 Resp: 10280

Ion Ratio Lower Upper

122 100

105 565.7 99.9 139.9#

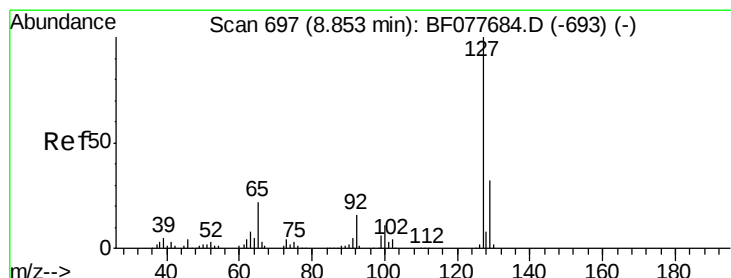
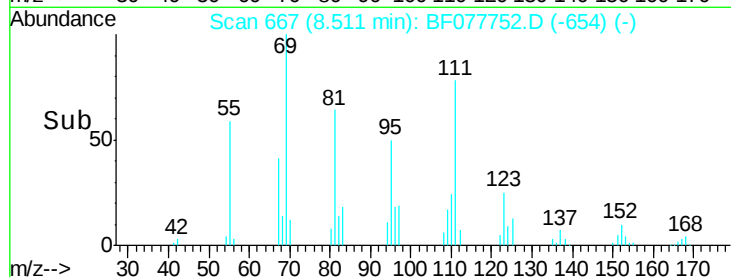
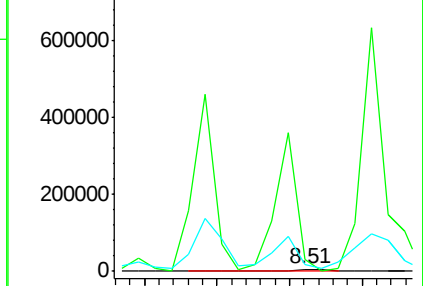
77 307.5 73.7 113.7#



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



#33

4-Chloroaniline

Concen: 2.92 ng

RT: 8.89 min Scan# 700

Delta R.T. 0.03 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Tgt Ion:127 Resp: 8977

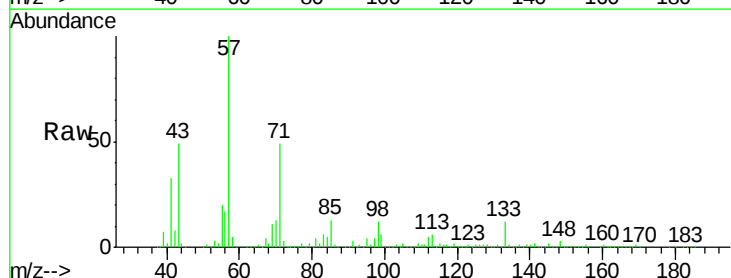
Ion Ratio Lower Upper

127 100

129 64.5 25.3 37.9#

65 167.1 17.6 26.4#

92 43.6 13.1 19.7#

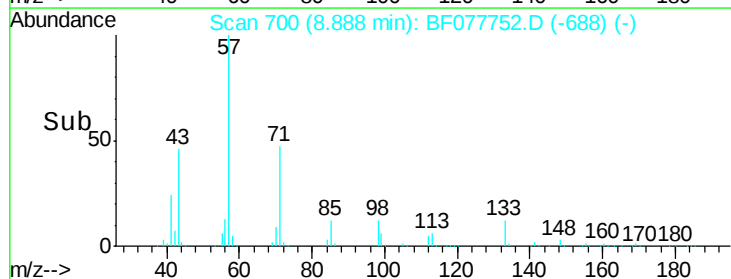
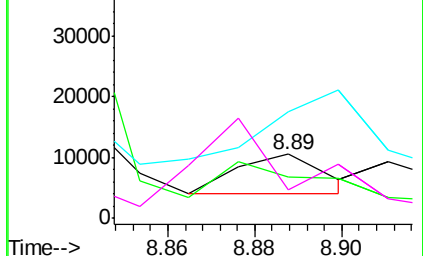


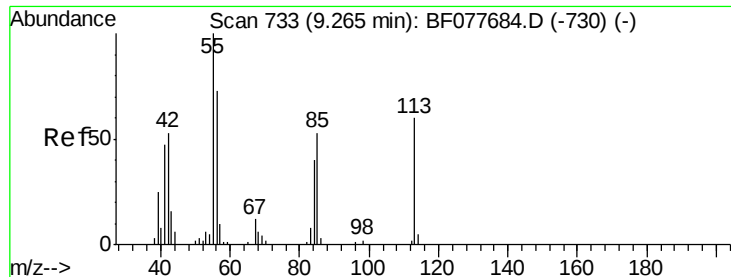
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 83.35 ng

RT: 9.28 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

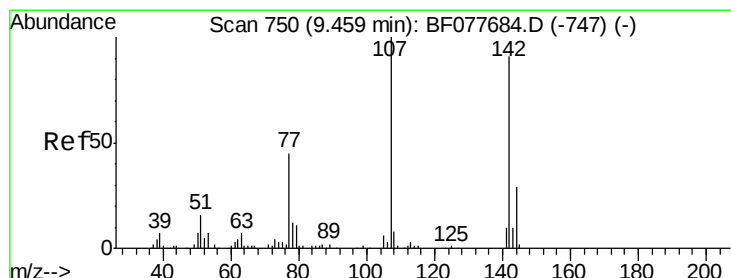
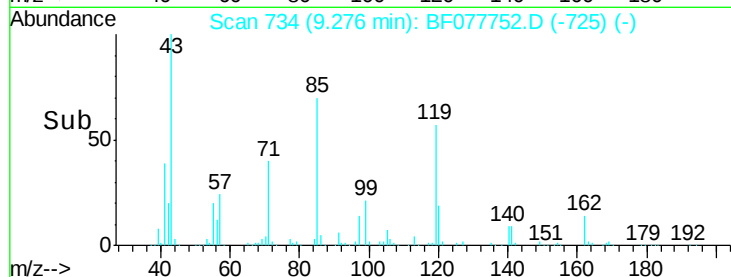
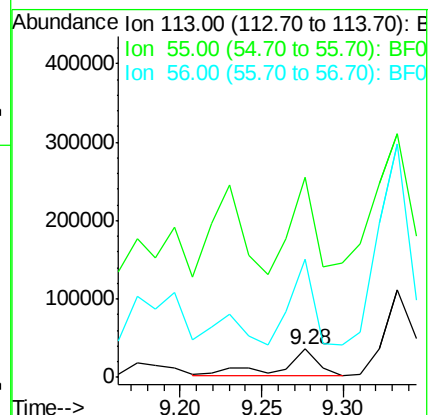
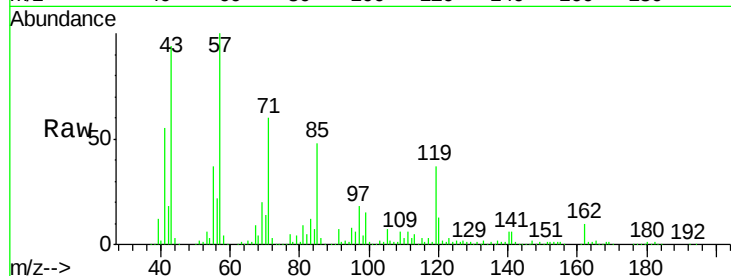
Tgt Ion:113 Resp: 50174

Ion Ratio Lower Upper

113 100

55 713.7 145.9 185.9#

56 419.2 101.0 141.0#



#36

4-Chloro-3-methylphenol

Concen: 8.26 ng

RT: 9.44 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

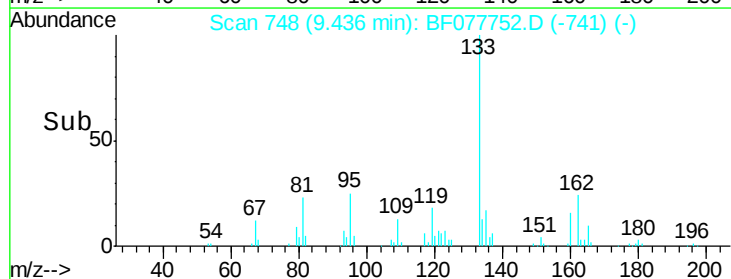
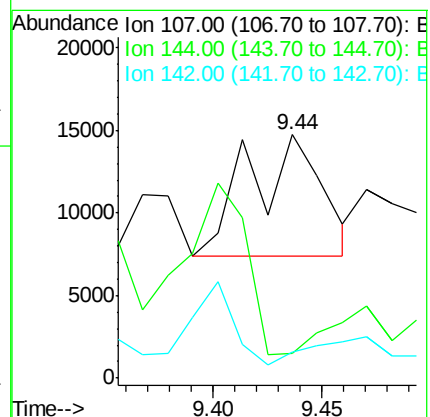
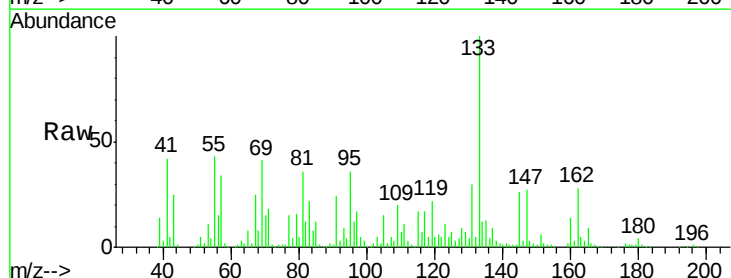
Tgt Ion:107 Resp: 17108

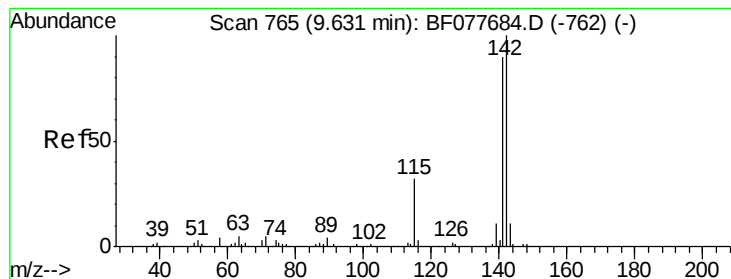
Ion Ratio Lower Upper

107 100

144 10.1 23.3 34.9#

142 10.9 72.6 109.0#

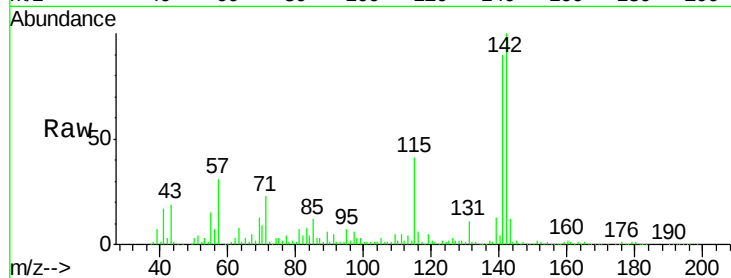




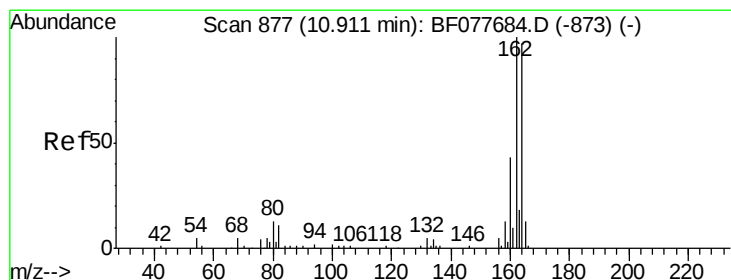
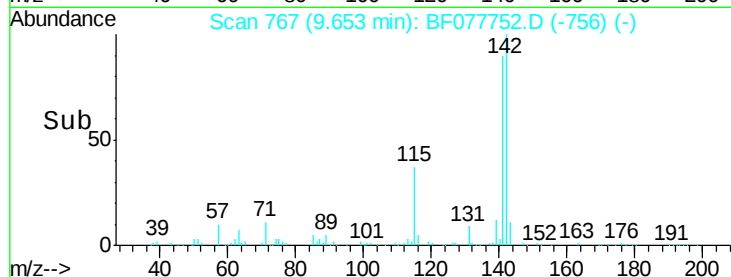
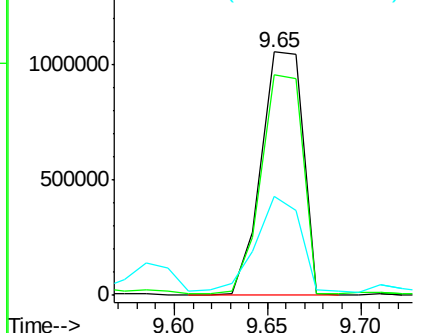
#37
 2-Methylnaphthalene
 Concen: 321.67 ng
 RT: 9.65 min Scan# 767
 Delta R.T. 0.02 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)

Tgt Ion:142 Resp: 1636037
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.9 107.9
 115 40.6 25.4 38.0#

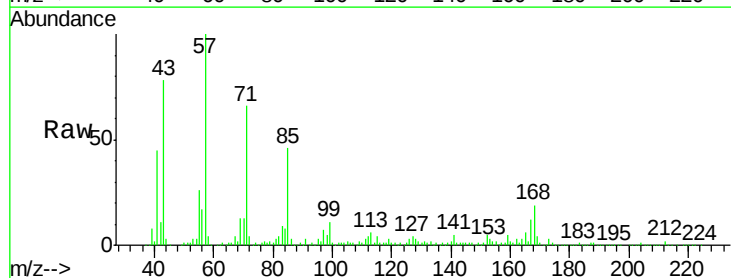


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

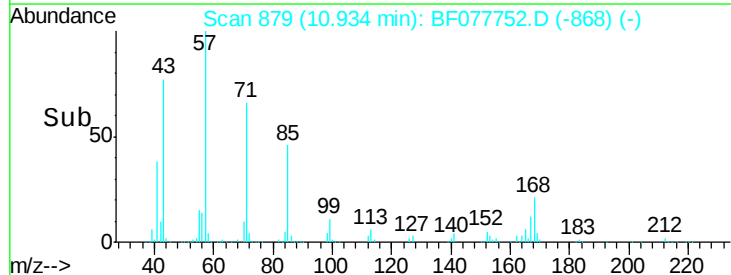
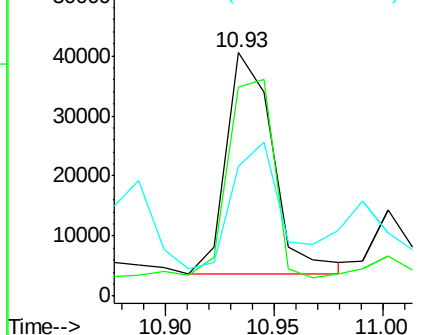


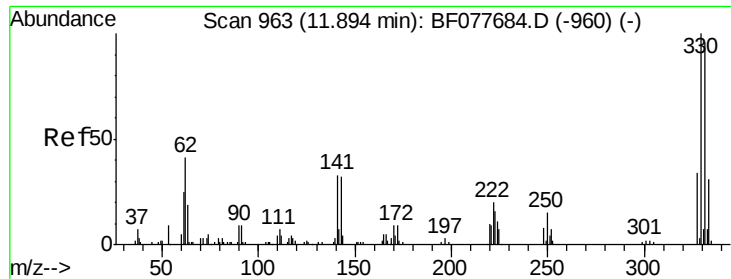
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.93 min Scan# 879
 Delta R.T. 0.02 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Tgt Ion:164 Resp: 54831
 Ion Ratio Lower Upper
 164 100
 162 86.0 82.4 123.6
 160 53.4 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

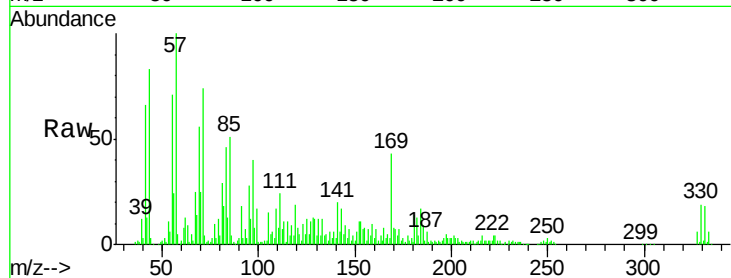




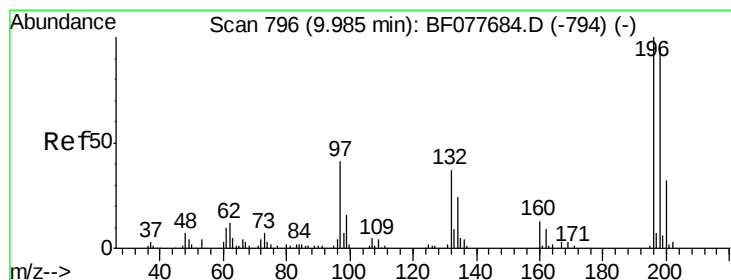
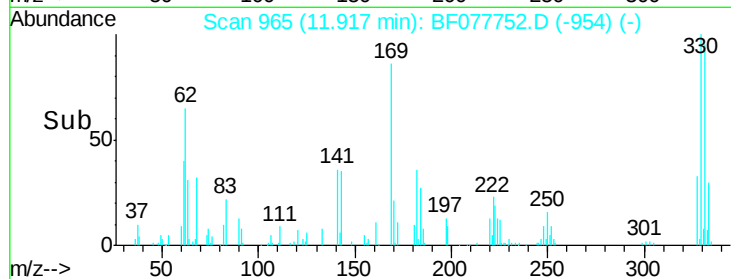
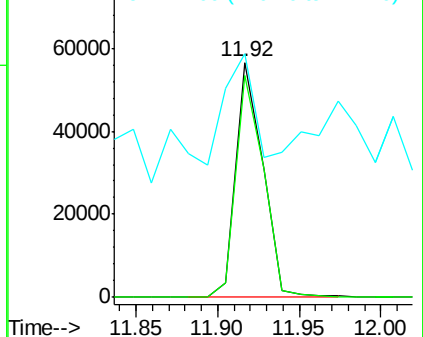
#41
 2,4,6-Tribromophenol
 Concen: 122.40 ng
 RT: 11.92 min Scan# 965
 Delta R.T. 0.02 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)

Tgt Ion:330 Resp: 64214
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 98.0 0.0 0.0#

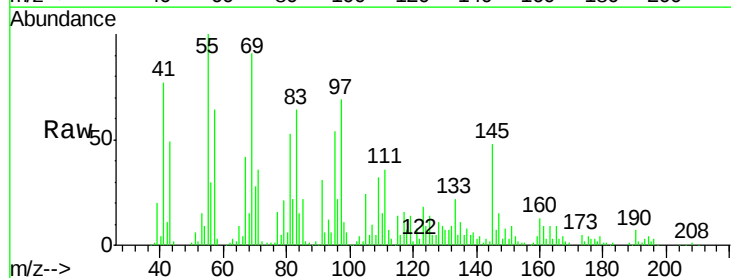


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

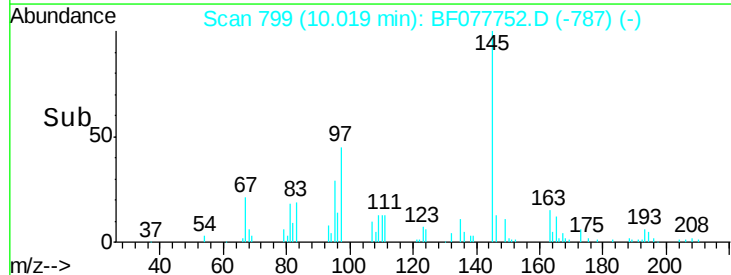
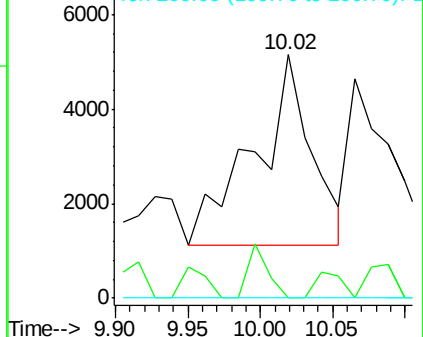


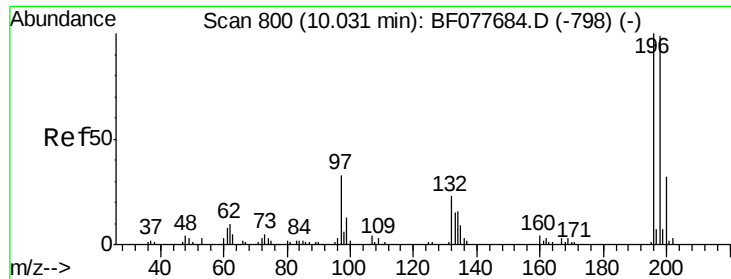
#42
 2,4,6-Trichlorophenol
 Concen: 9.66 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.03 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Tgt Ion:196 Resp: 10938
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.3 114.5#
 200 0.0 25.6 38.4#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

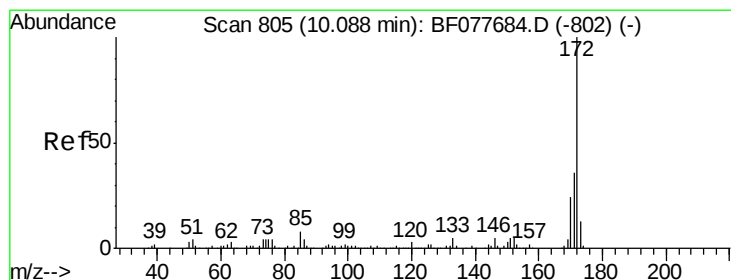
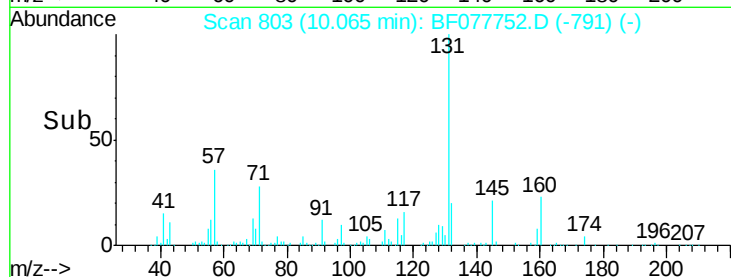
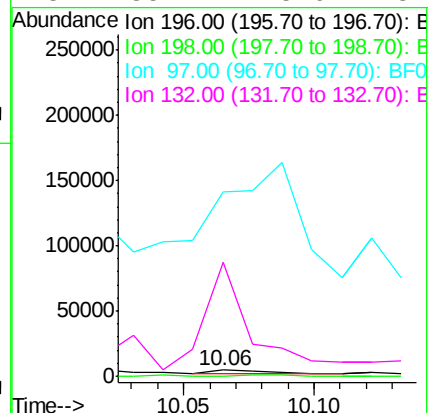
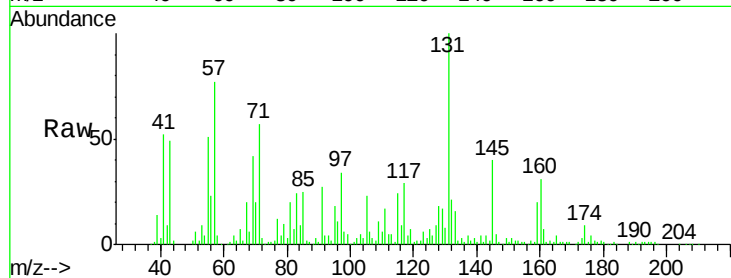




#43
2,4,5-Trichlorophenol
Concen: 4.15 ng
RT: 10.06 min Scan# 803
Delta R.T. 0.03 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

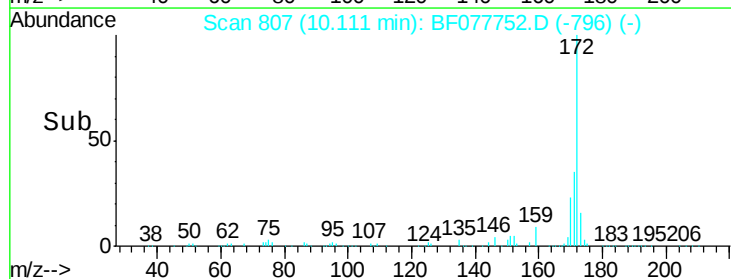
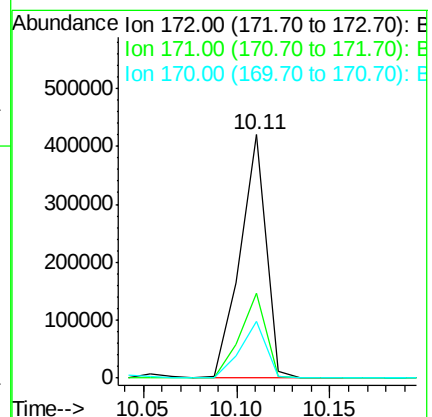
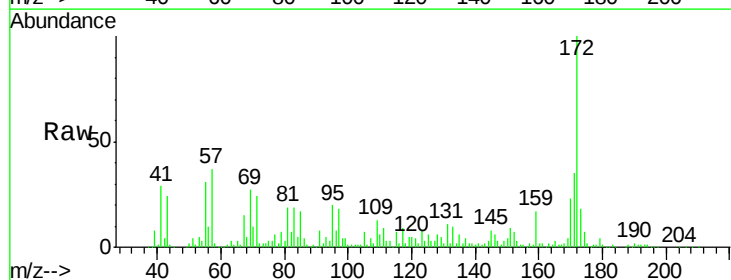
Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)

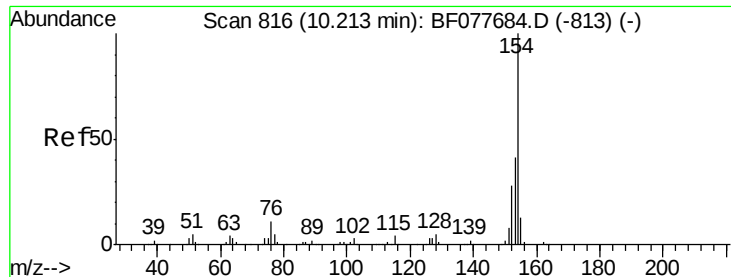
Tgt Ion:196 Resp: 5083
Ion Ratio Lower Upper
196 100
198 0.0 79.4 119.0#
97 3041.6 26.8 40.2#
132 1887.7 18.6 28.0#



#44
2-Fluorobiphenyl
Concen: 109.57 ng
RT: 10.11 min Scan# 807
Delta R.T. 0.02 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

Tgt Ion:172 Resp: 408804
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.3 18.8 28.2

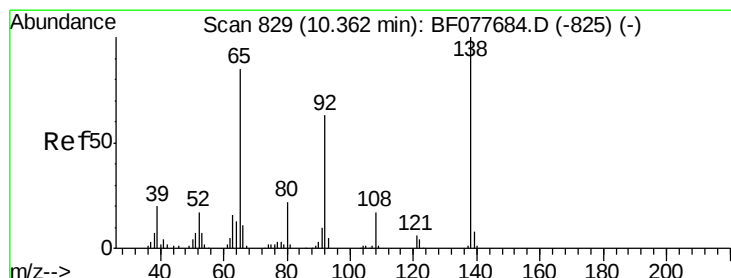
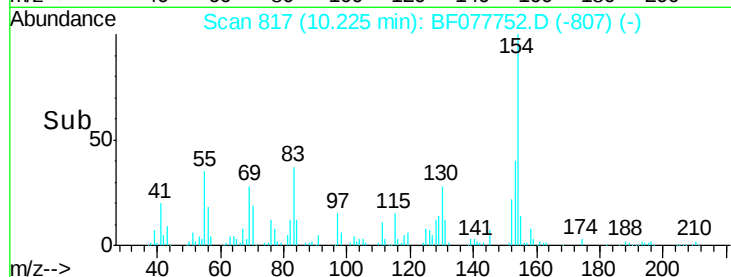
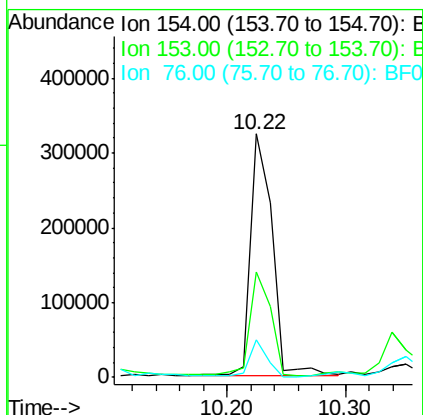
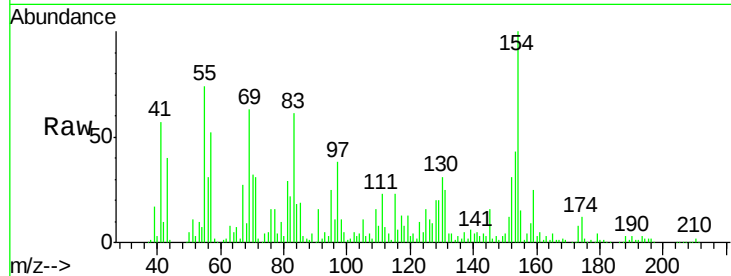




#45
 1,1'-Biphenyl
 Concen: 93.74 ng
 RT: 10.22 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

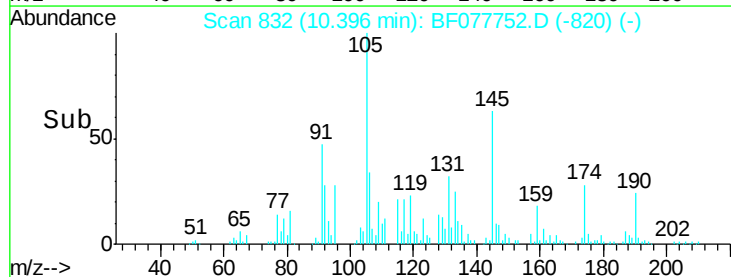
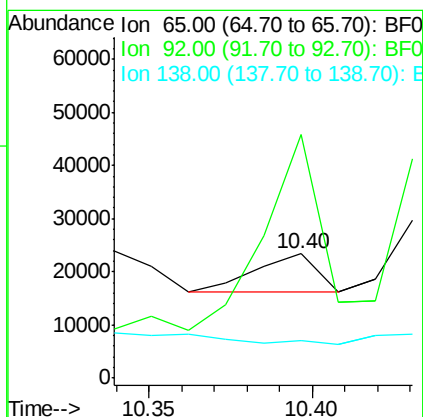
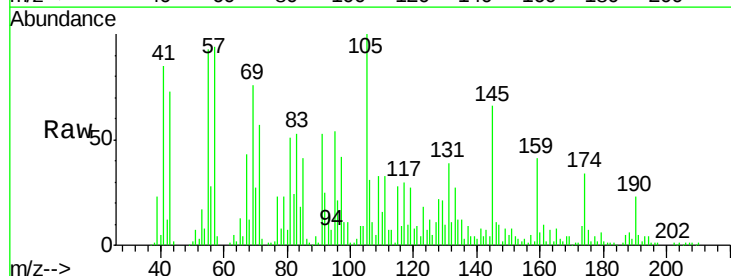
Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)

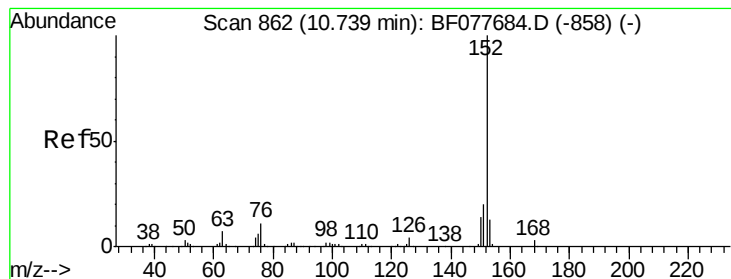
Tgt Ion: 154 Resp: 410873
 Ion Ratio Lower Upper
 154 100
 153 43.1 20.7 60.7
 76 15.6 0.0 30.9



#47
 2-Nitroaniline
 Concen: 10.70 ng
 RT: 10.40 min Scan# 832
 Delta R.T. 0.03 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Tgt Ion: 65 Resp: 9462
 Ion Ratio Lower Upper
 65 100
 92 195.9 59.1 88.7#
 138 29.8 93.9 140.9#





#48

Acenaphthylene

Concen: 8.36 ng

RT: 10.77 min Scan# 865

Delta R.T. 0.03 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

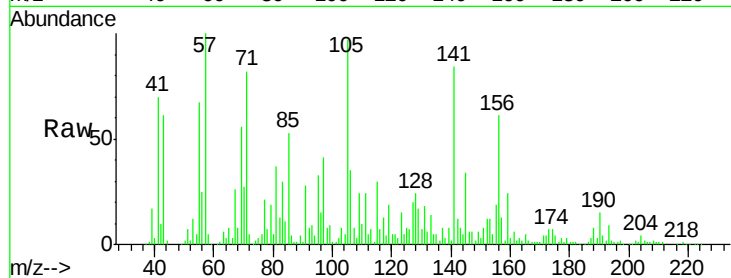
Tgt Ion:152 Resp: 49537

Ion Ratio Lower Upper

152 100

151 66.5 15.9 23.9#

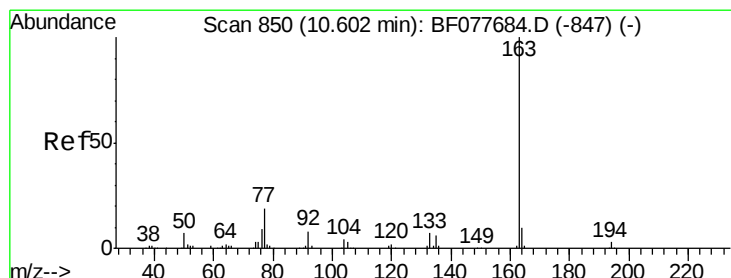
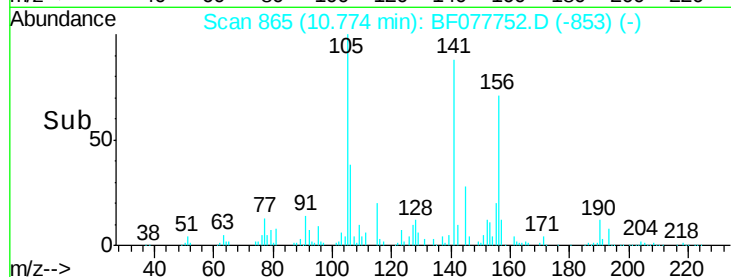
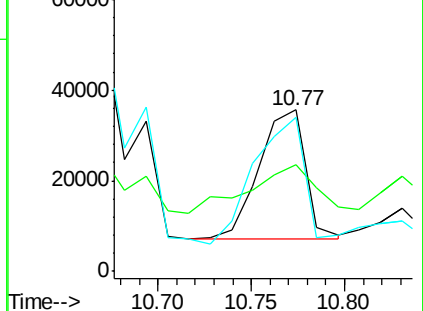
153 95.4 10.6 16.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 9.71 ng

RT: 10.61 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

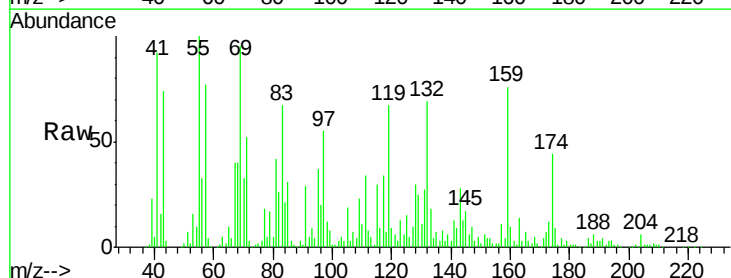
Tgt Ion:163 Resp: 39492

Ion Ratio Lower Upper

163 100

194 22.4 2.7 4.1#

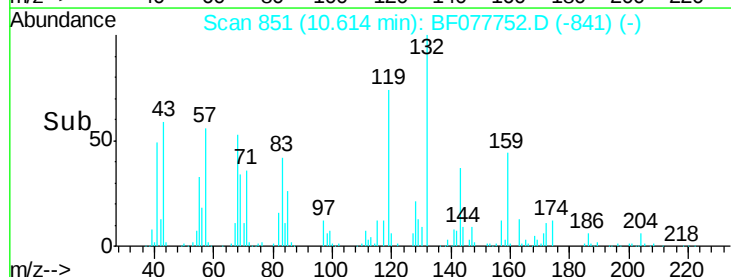
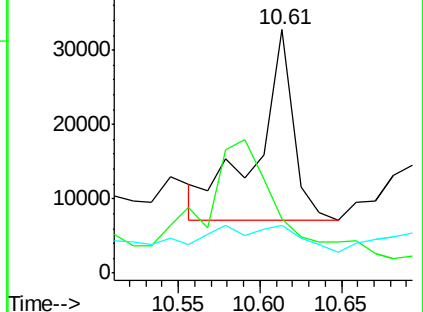
164 19.4 8.2 12.2#

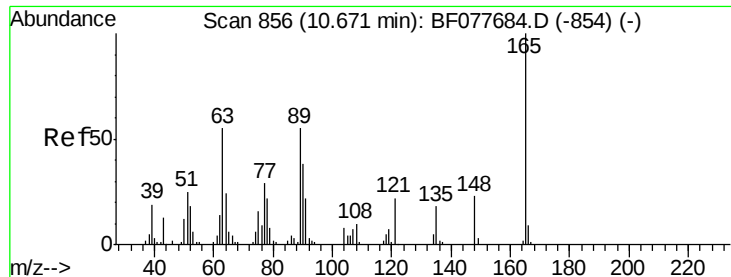


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 21.72 ng

RT: 10.71 min Scan# 859

Delta R.T. 0.03 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

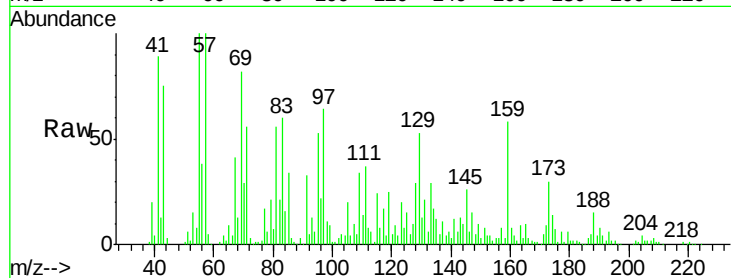
Tgt Ion:165 Resp: 18306

Ion Ratio Lower Upper

165 100

63 38.9 44.1 66.1#

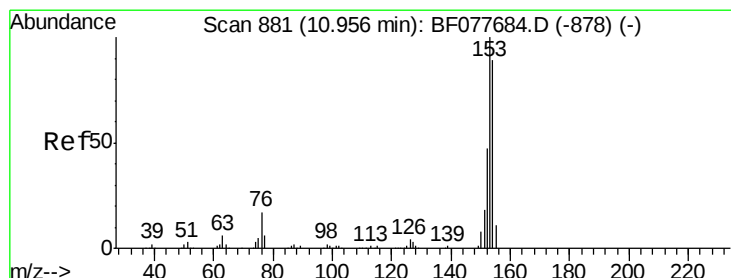
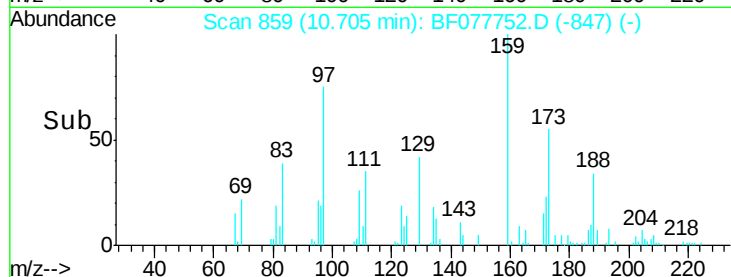
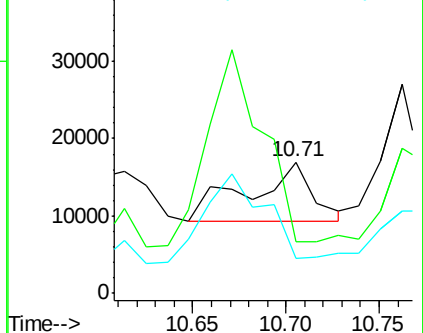
89 26.7 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 20.57 ng

RT: 10.98 min Scan# 883

Delta R.T. 0.02 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

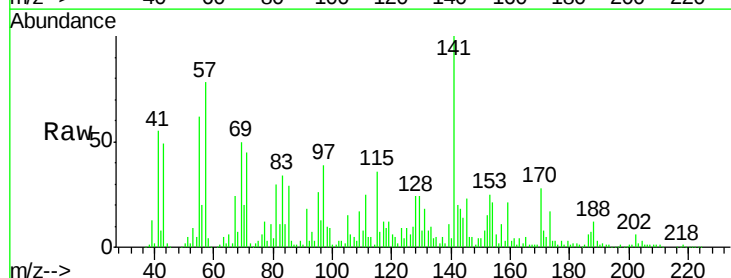
Tgt Ion:154 Resp: 69848

Ion Ratio Lower Upper

154 100

153 119.3 90.0 135.0

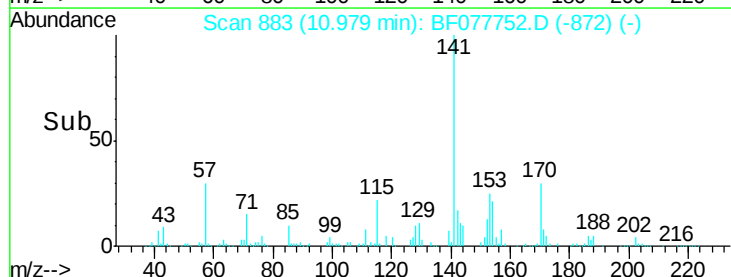
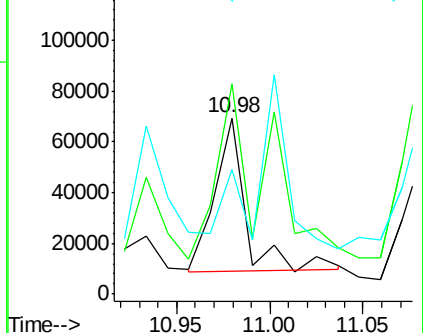
152 70.9 42.6 63.8#

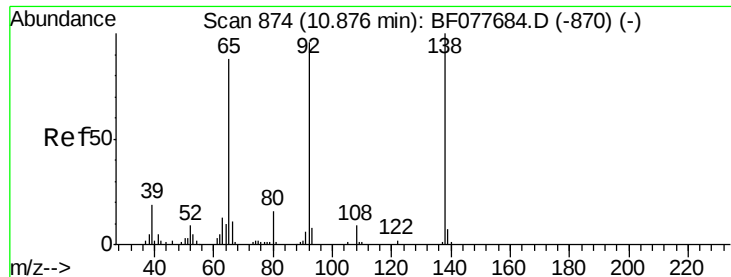


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 3.57 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.05 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

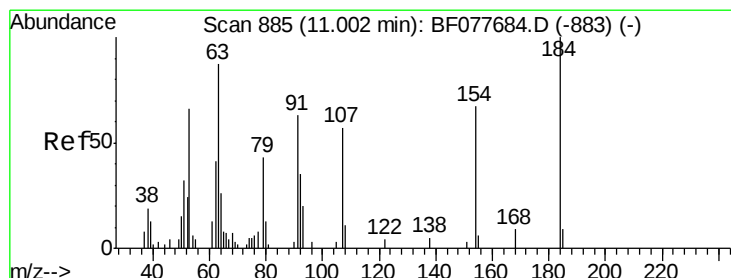
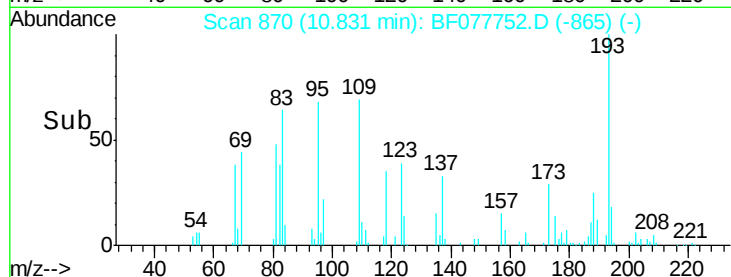
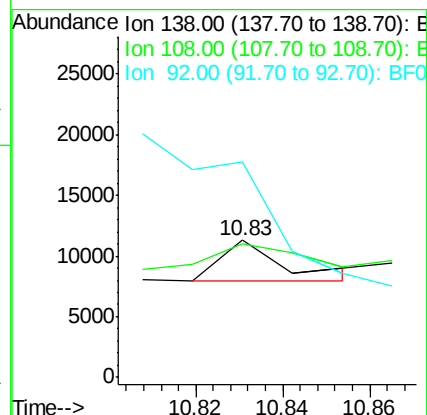
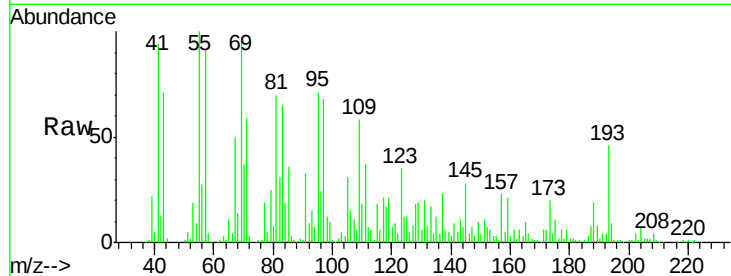
Tgt Ion:138 Resp: 3491

Ion Ratio Lower Upper

138 100

108 96.9 7.3 10.9#

92 156.9 76.6 114.8#



#53

2,4-Dinitrophenol

Concen: 12.45 ng

RT: 11.05 min Scan# 889

Delta R.T. 0.03 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

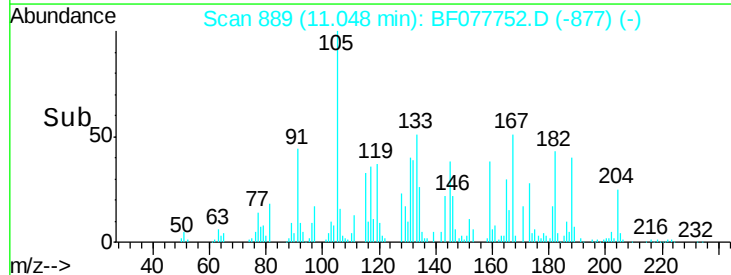
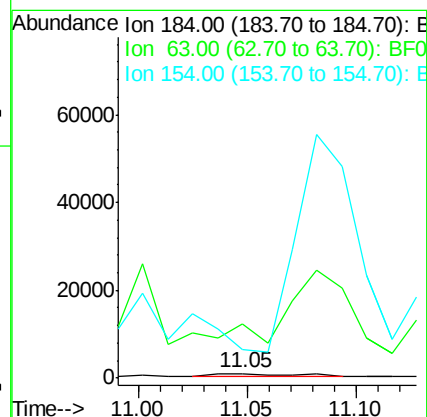
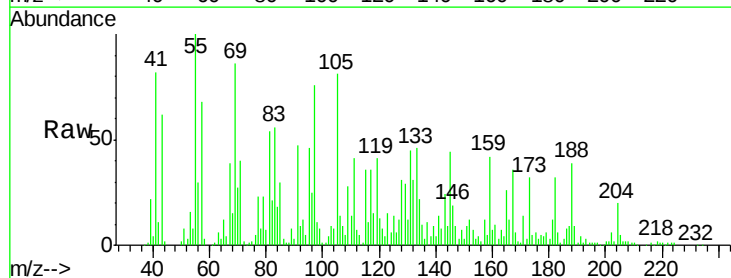
Tgt Ion:184 Resp: 1512

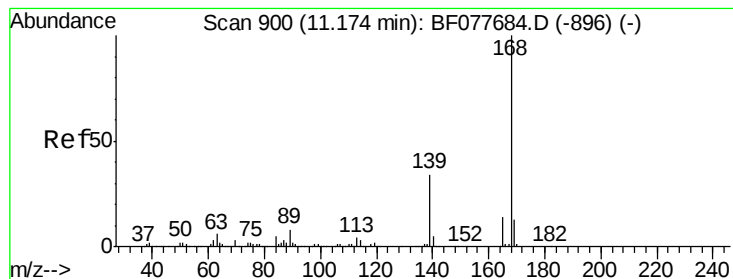
Ion Ratio Lower Upper

184 100

63 1233.5 69.2 103.8#

154 651.5 53.3 79.9#





#54

Dibenzenofuran

Concen: 14.36 ng

RT: 11.20 min Scan# 902

Delta R.T. 0.02 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

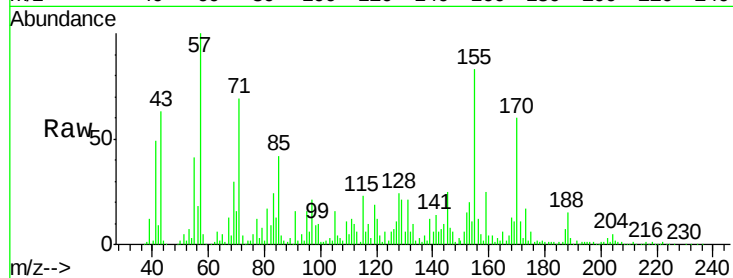
Tgt Ion:168 Resp: 72346

Ion Ratio Lower Upper

168 100

139 91.8 27.3 40.9#

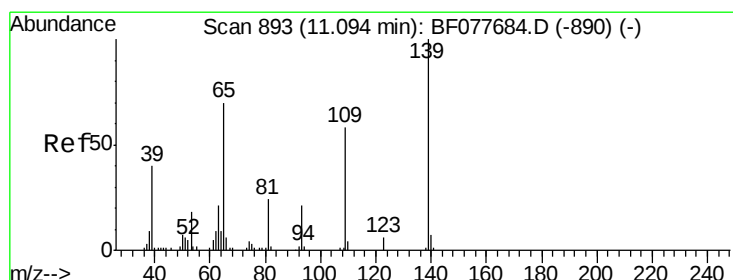
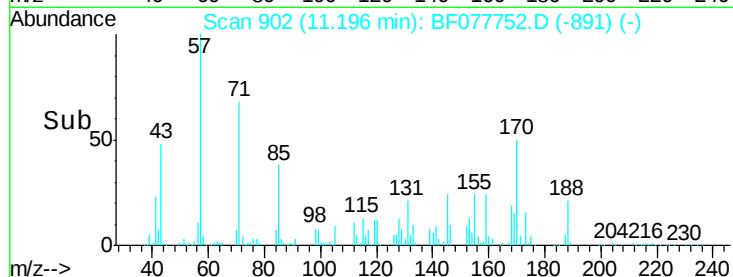
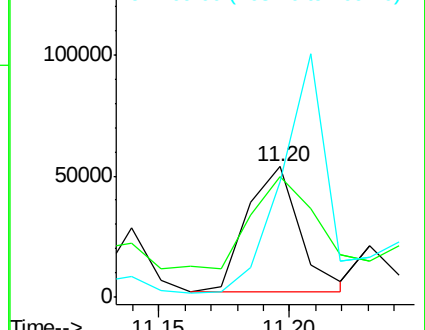
169 88.3 10.6 16.0#



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: 18.05 ng

RT: 11.14 min Scan# 897

Delta R.T. 0.05 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

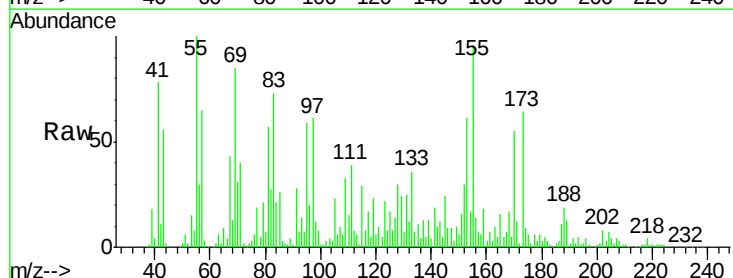
Tgt Ion:139 Resp: 13092

Ion Ratio Lower Upper

139 100

109 247.9 37.7 77.7#

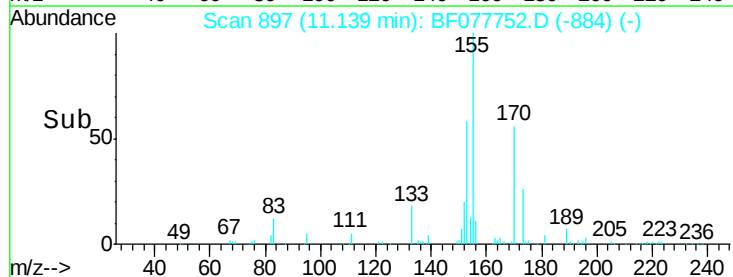
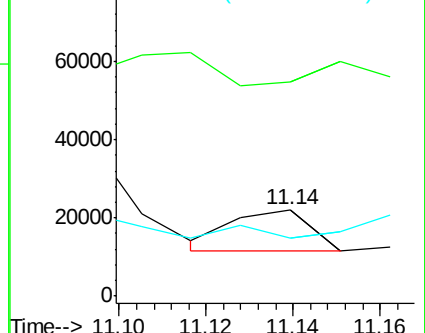
65 66.8 49.9 89.9

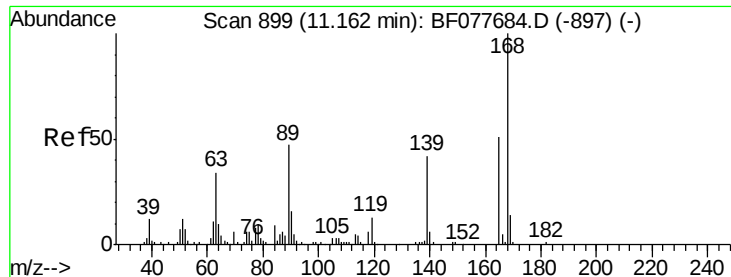


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

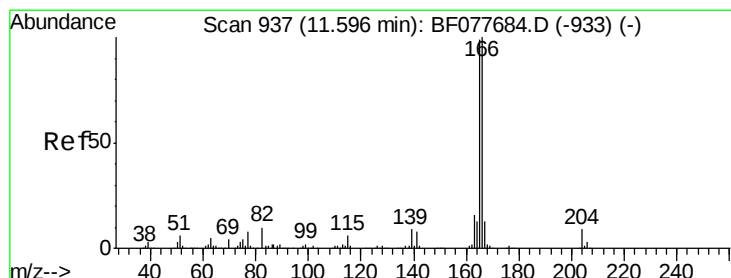
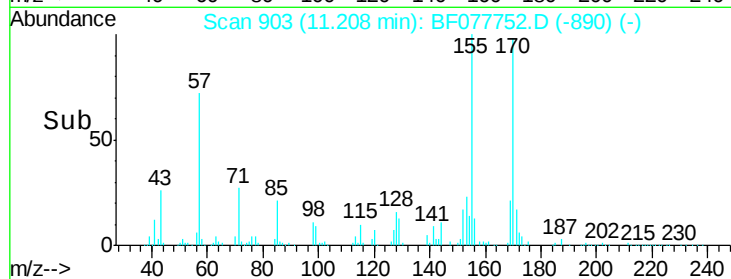
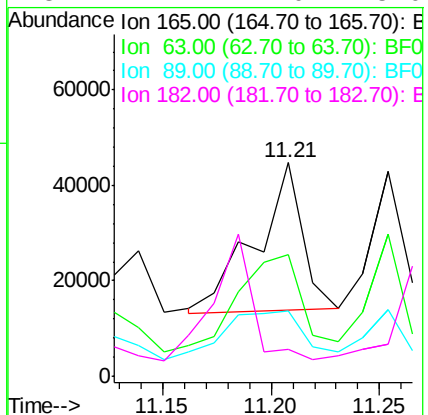
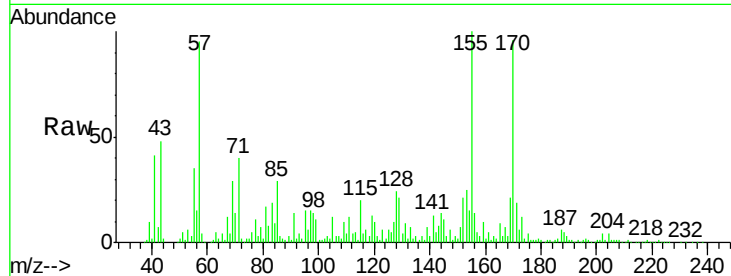




#56
2,4-Dinitrotoluene
Concen: 42.52 ng
RT: 11.21 min Scan# 903
Delta R.T. 0.05 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

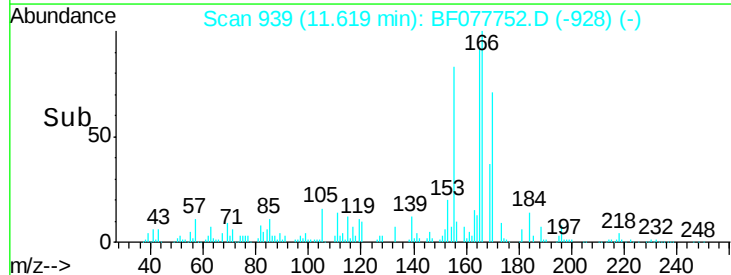
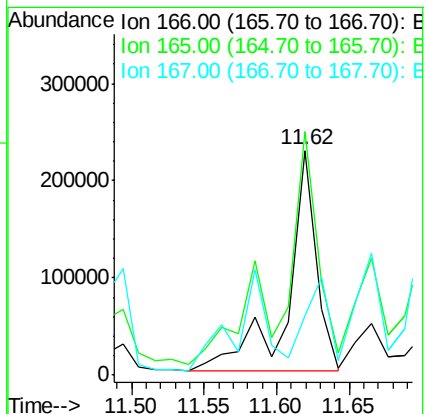
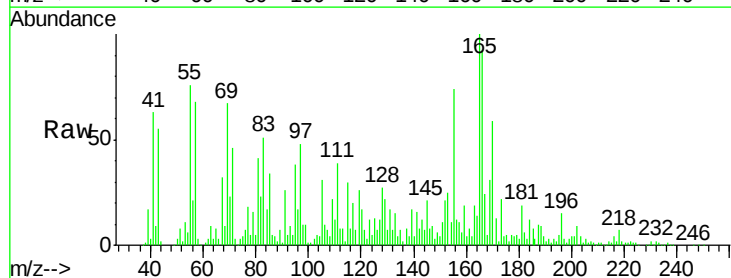
Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)

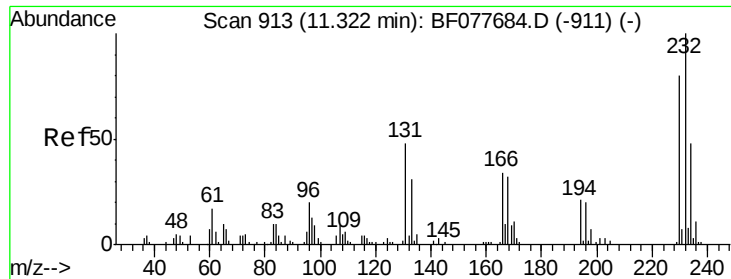
Tgt Ion:165 Resp: 46744
Ion Ratio Lower Upper
165 100
63 57.1 52.4 78.6
89 30.6 72.4 108.6#
182 12.7 2.0 3.0#



#57
Fluorene
Concen: 75.23 ng
RT: 11.62 min Scan# 939
Delta R.T. 0.02 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

Tgt Ion:166 Resp: 314655
Ion Ratio Lower Upper
166 100
165 108.2 79.0 118.4
167 26.3 10.3 15.5#

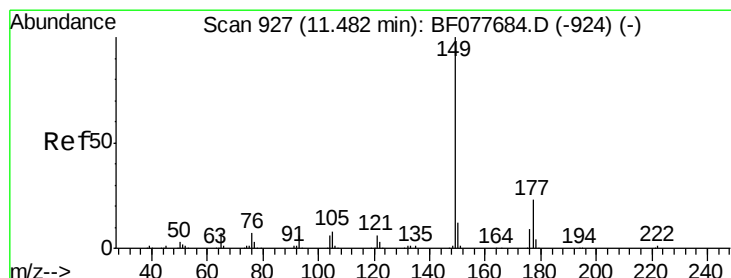
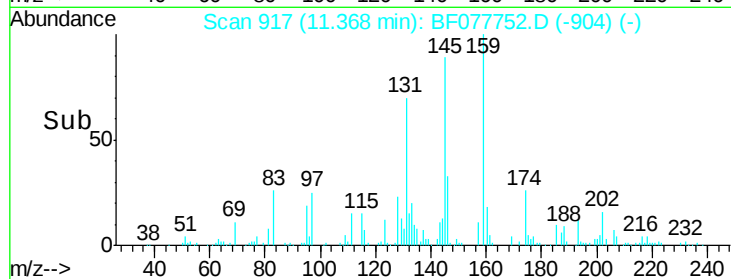
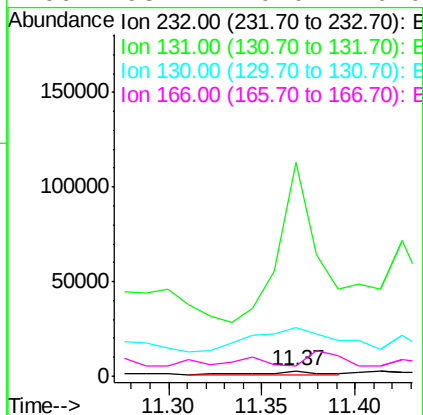
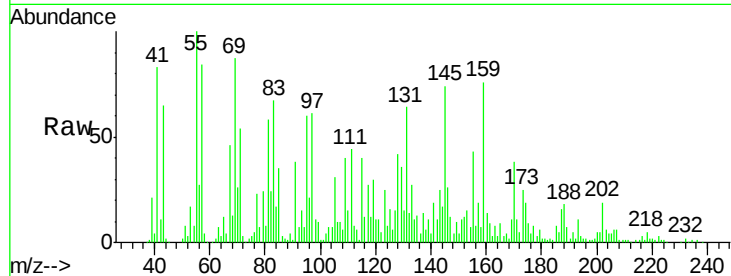




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.78 ng
 RT: 11.37 min Scan# 917
 Delta R.T. 0.05 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

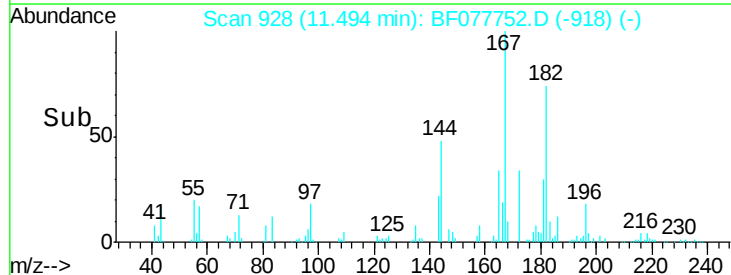
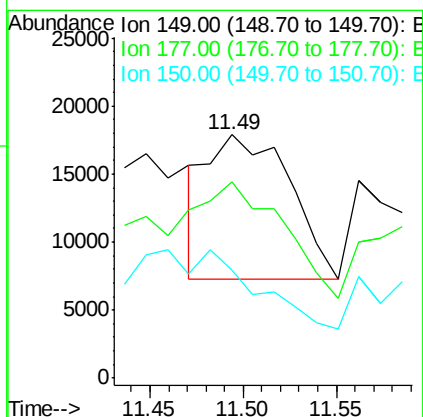
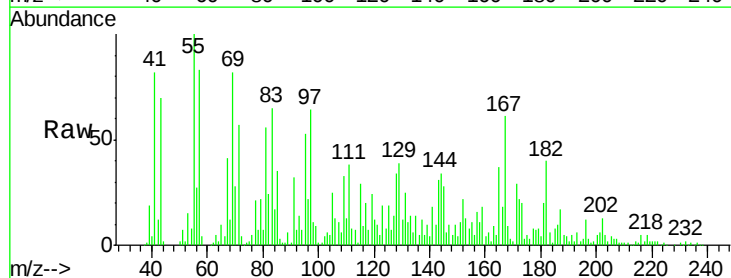
Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)

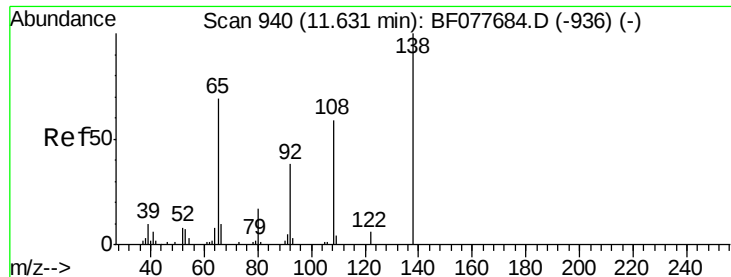
Tgt Ion:232 Resp: 4507
 Ion Ratio Lower Upper
 232 100
 131 2643.3 0.0 0.0#
 130 855.5 0.0 0.0#
 166 198.4 0.0 0.0#



#59
 Diethylphthalate
 Concen: 8.06 ng
 RT: 11.49 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Tgt Ion:149 Resp: 31957
 Ion Ratio Lower Upper
 149 100
 177 80.6 18.3 27.5#
 150 44.3 9.8 14.8#





#61

4-Nitroaniline

Concen: 2.99 ng

RT: 11.59 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

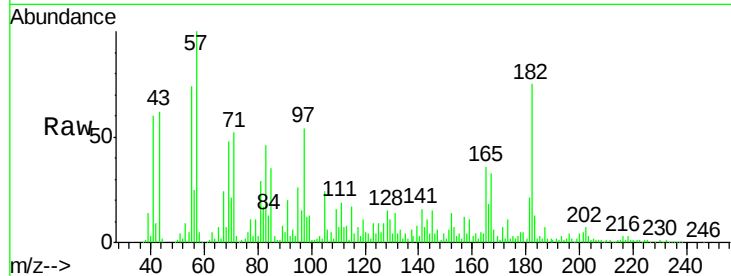
Tgt Ion:138 Resp: 2915

Ion Ratio Lower Upper

138 100

92 118.8 16.7 56.7#

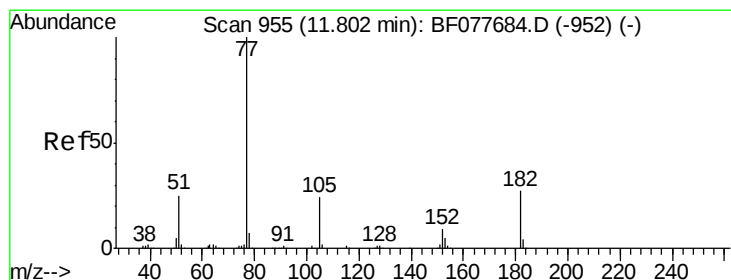
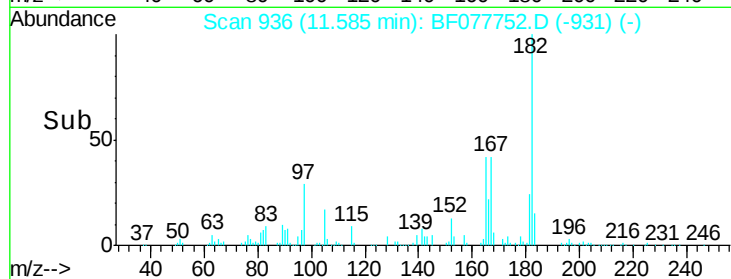
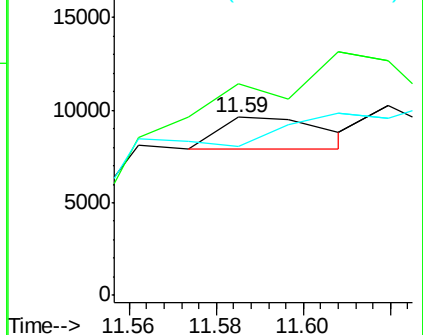
108 83.8 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 7.17 ng

RT: 11.84 min Scan# 958

Delta R.T. 0.03 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Tgt Ion: 77 Resp: 27171

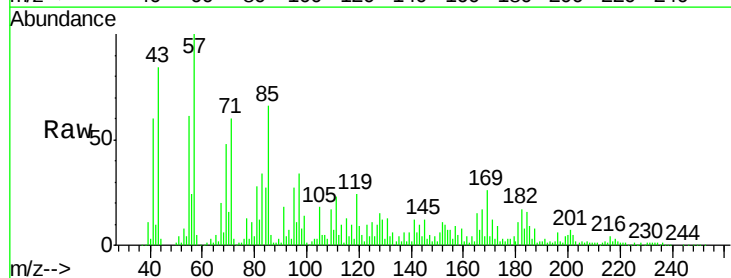
Ion Ratio Lower Upper

77 100

182 130.2 6.5 46.5#

105 135.0 3.8 43.8#

51 29.0 5.5 45.5

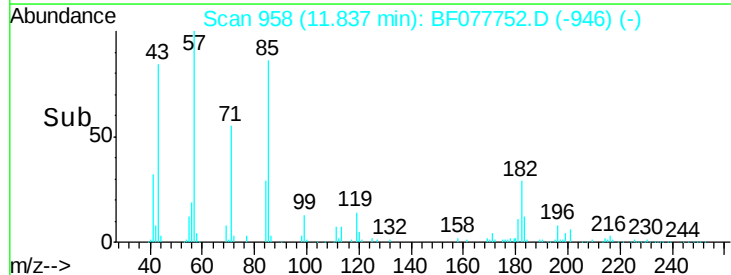
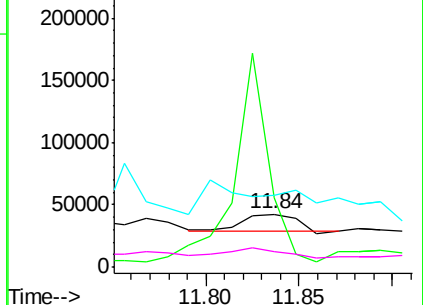


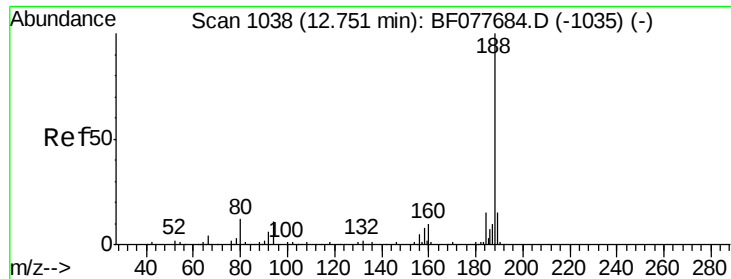
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

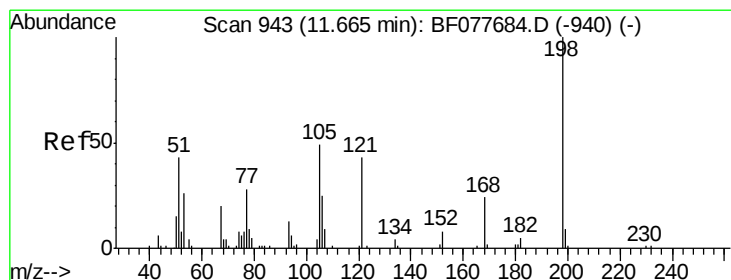
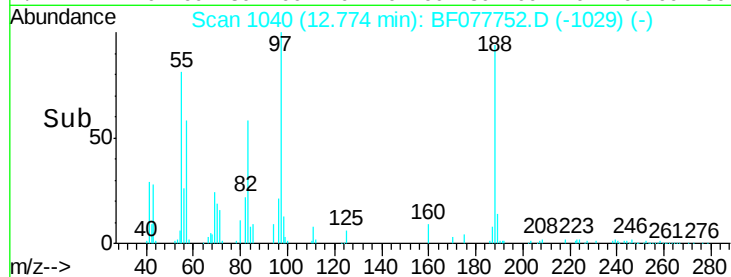
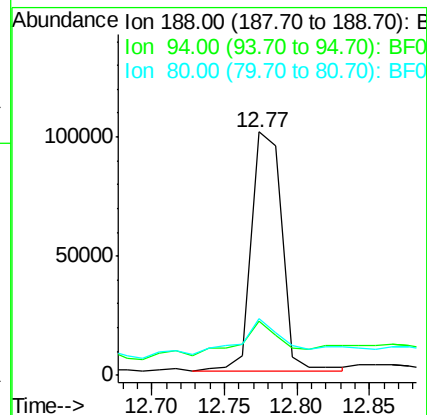
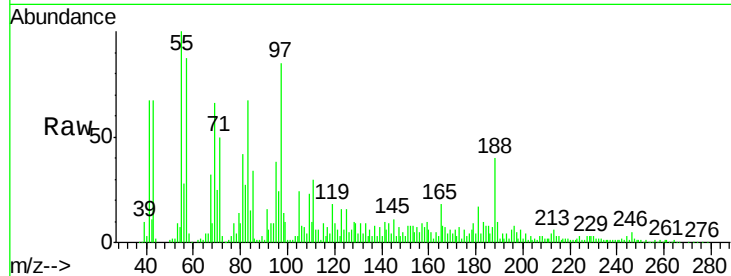




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1040
Delta R.T. 0.02 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

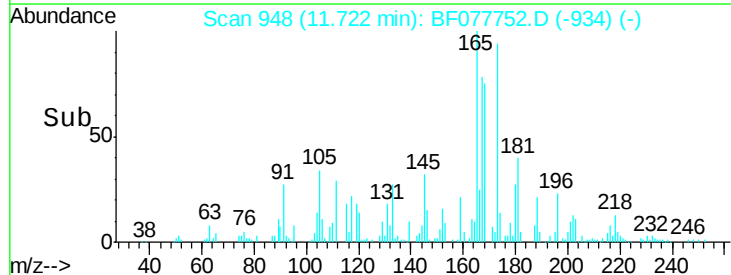
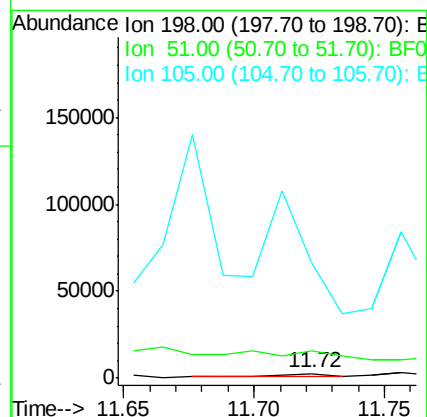
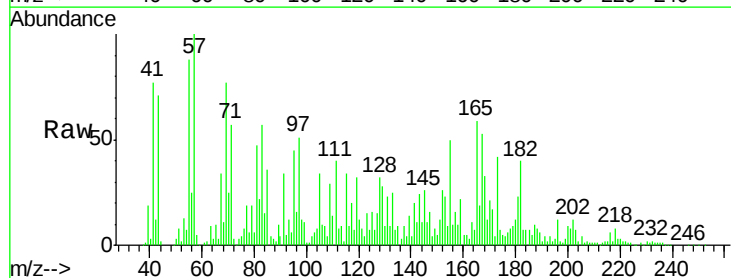
Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)

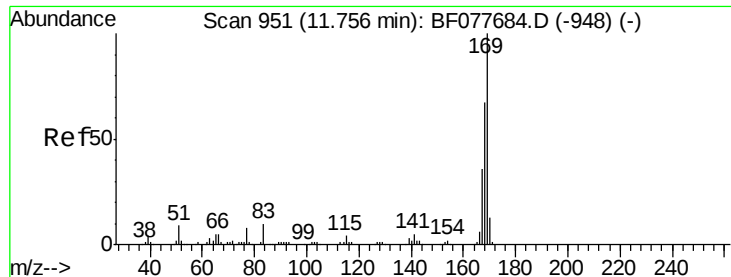
Tgt Ion:188 Resp: 147434
Ion Ratio Lower Upper
188 100
94 22.2 8.7 13.1#
80 23.5 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 7.14 ng
RT: 11.72 min Scan# 948
Delta R.T. 0.06 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

Tgt Ion:198 Resp: 2171
Ion Ratio Lower Upper
198 100
51 625.4 28.8 68.8#
105 2695.9 30.5 70.5#





#65

n-Nitrosodiphenylamine

Concen: 68.97 ng

RT: 11.78 min Scan# 953

Delta R.T. 0.02 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

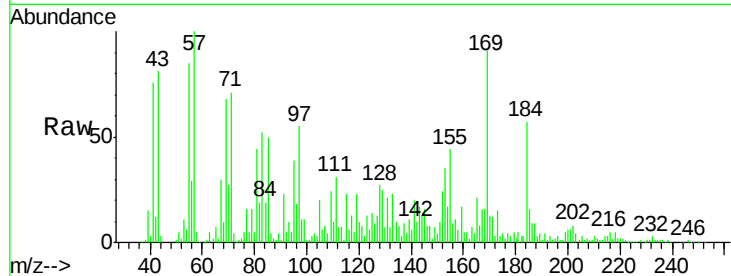
Tgt Ion:169 Resp: 338600

Ion Ratio Lower Upper

169 100

168 17.6 53.9 80.9#

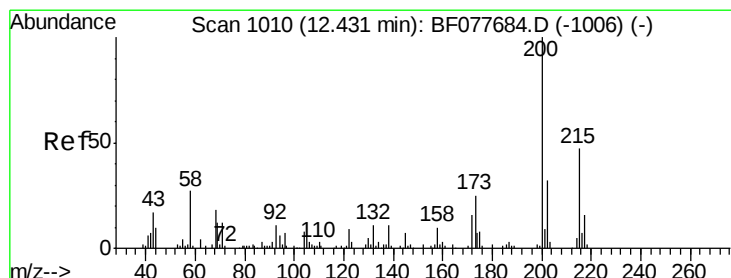
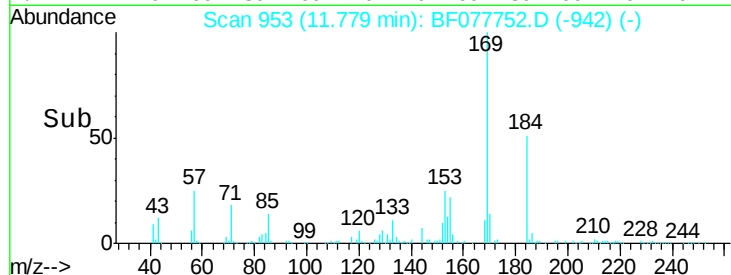
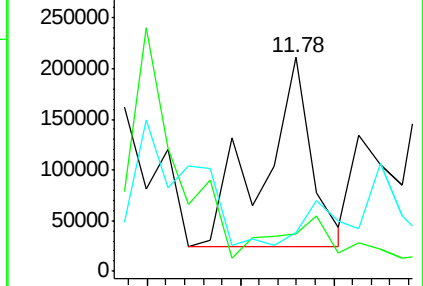
167 18.2 28.9 43.3#



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: 15.70 ng

RT: 12.42 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

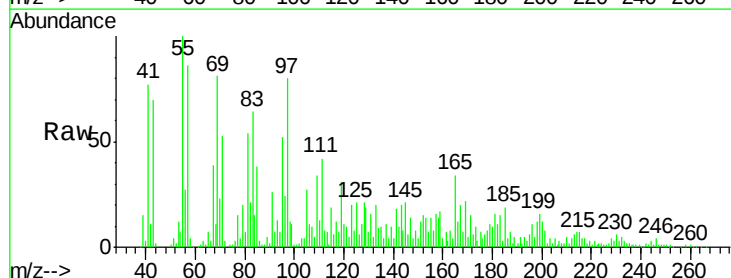
Tgt Ion:200 Resp: 21598

Ion Ratio Lower Upper

200 100

173 82.1 4.8 44.8#

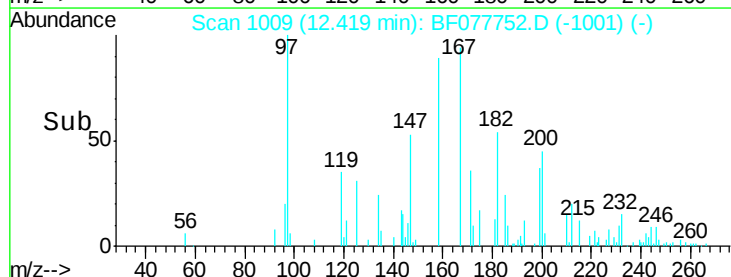
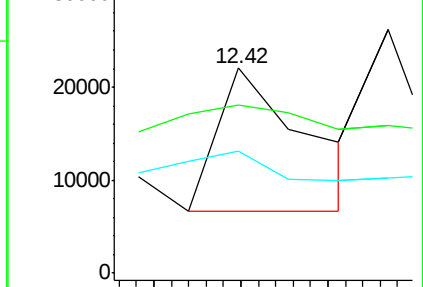
215 59.2 26.9 66.9

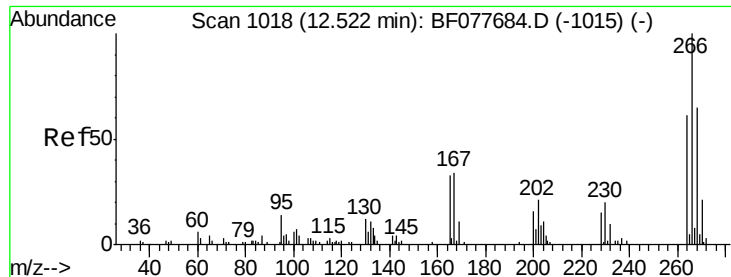


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

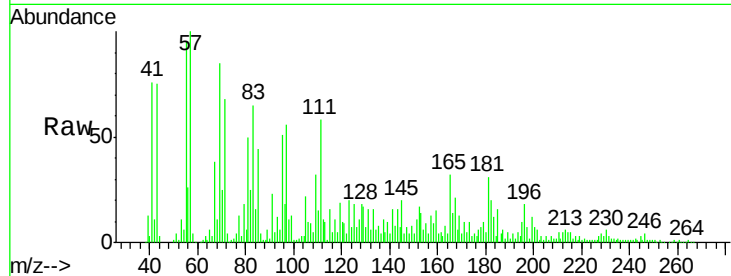




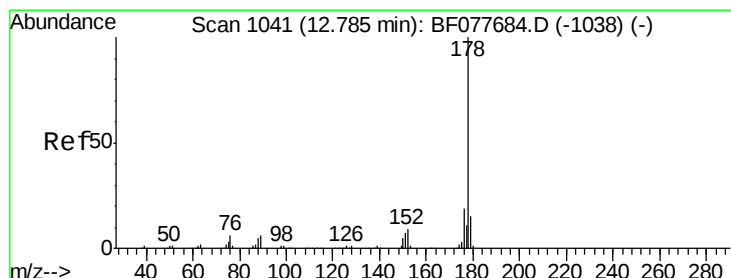
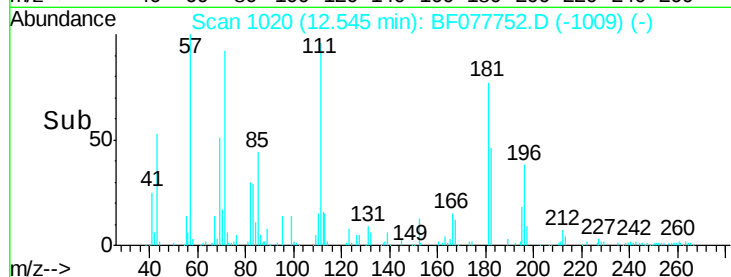
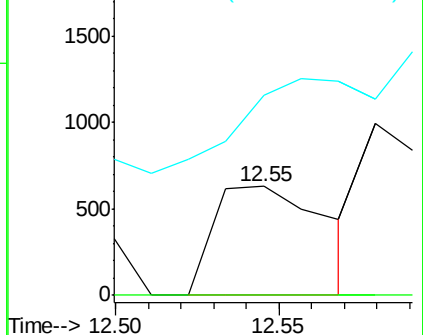
#69
 Pentachlorophenol
 Concen: 4.68 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. 0.02 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)

Tgt Ion: 266 Resp: 1502
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.0 78.0#
 264 183.7 49.0 73.4#

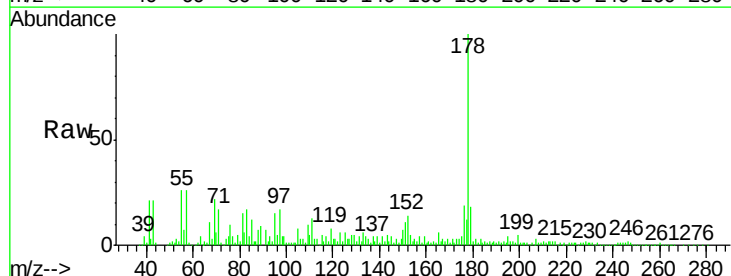


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

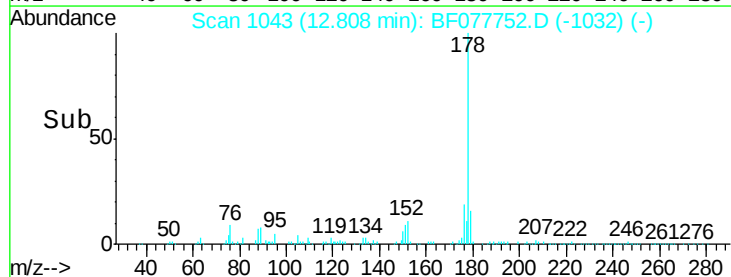
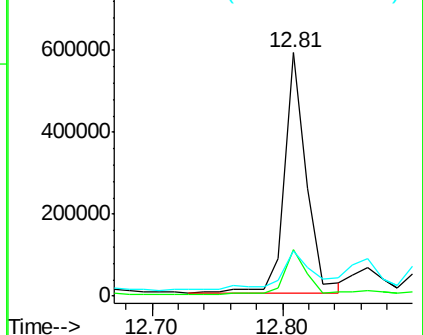


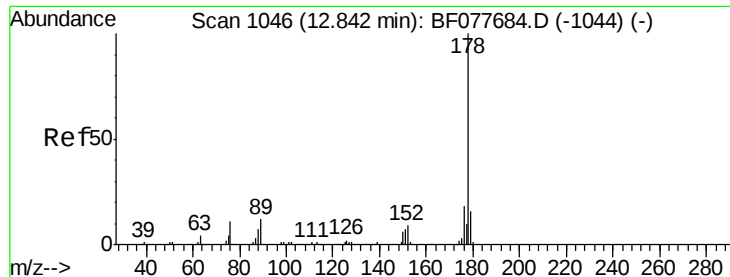
#70
 Phenanthrene
 Concen: 80.61 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Tgt Ion: 178 Resp: 682241
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.2 22.8
 179 18.4 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

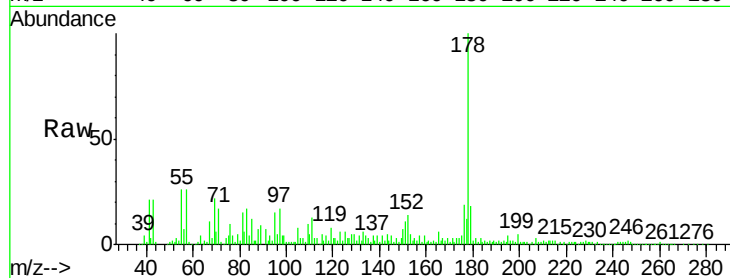




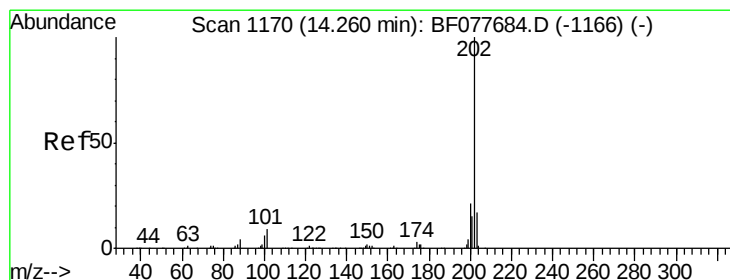
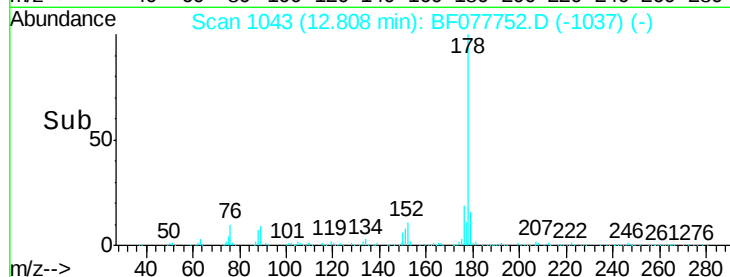
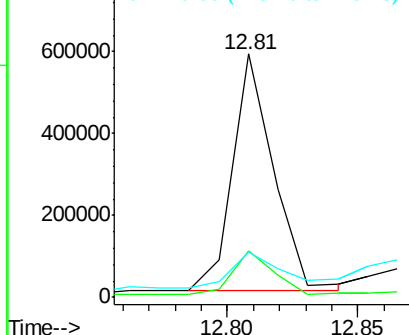
#71
 Anthracene
 Concen: 75.64 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)

Tgt Ion:178 Resp: 632472
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.6 22.0
 179 18.4 12.6 19.0

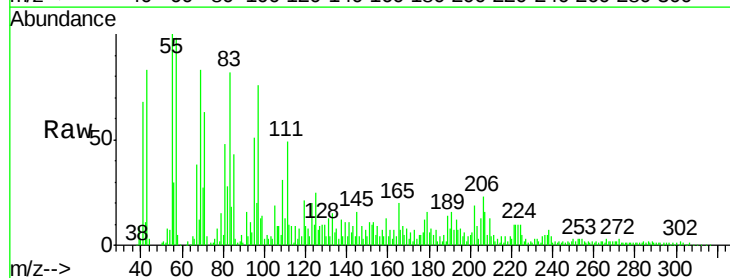


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

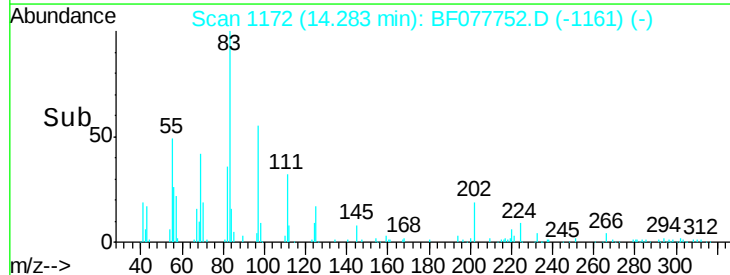
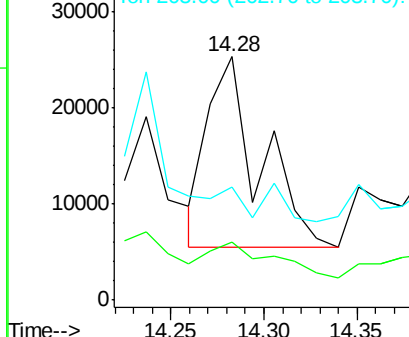


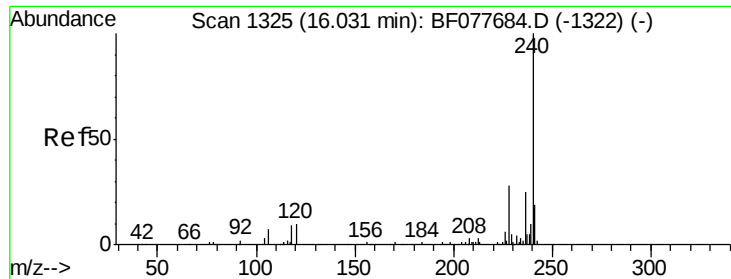
#74
 Fluoranthene
 Concen: 4.14 ng
 RT: 14.28 min Scan# 1172
 Delta R.T. 0.02 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Tgt Ion:202 Resp: 38668
 Ion Ratio Lower Upper
 202 100
 101 24.0 0.0 28.7
 203 46.5 0.0 37.2#



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: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

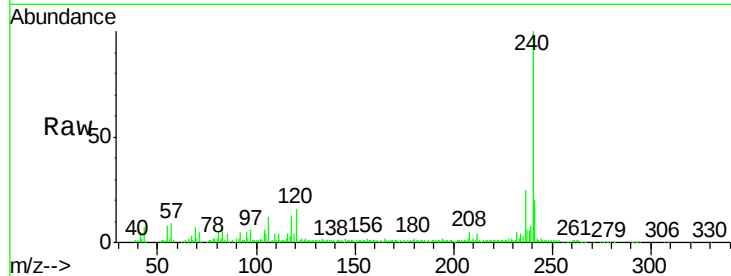
Tgt Ion:240 Resp: 203324

Ion Ratio Lower Upper

240 100

120 16.0 8.2 12.2#

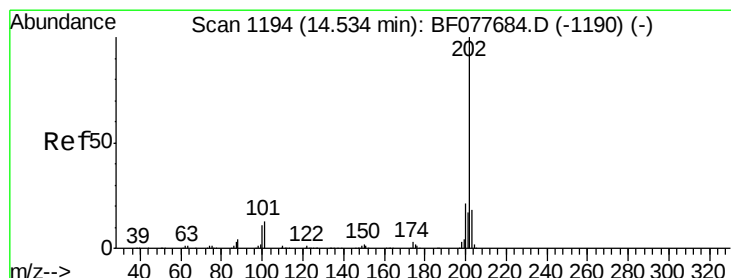
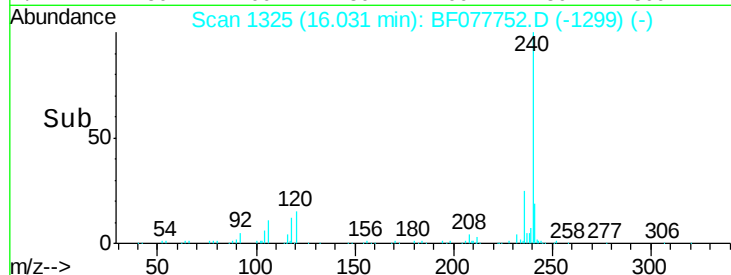
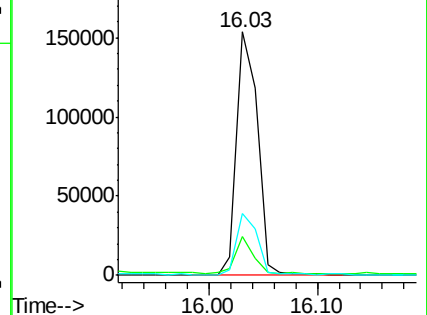
236 25.3 20.0 30.0



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: 13.20 ng

RT: 14.56 min Scan# 1196

Delta R.T. 0.02 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

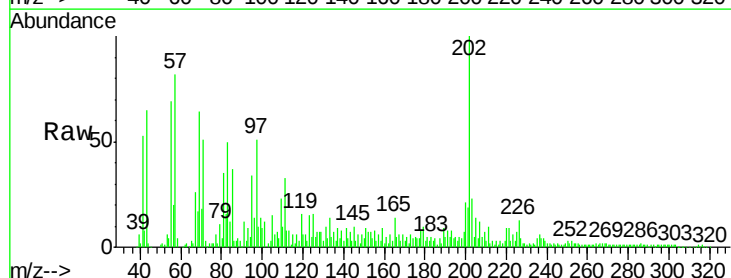
Tgt Ion:202 Resp: 168736

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

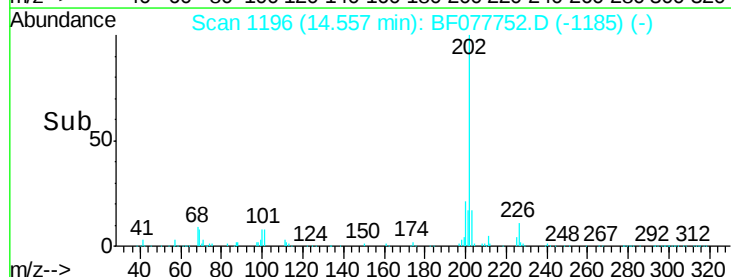
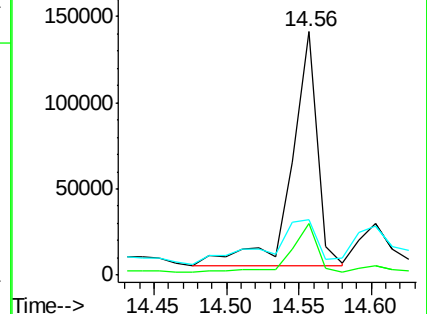
203 22.9 14.1 21.1#

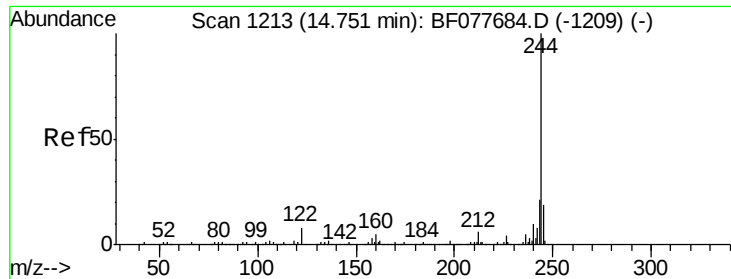


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 58.45 ng

RT: 14.76 min Scan# 1214

Delta R.T. 0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

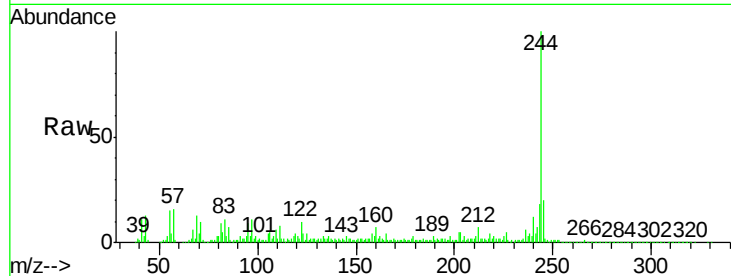
Tgt Ion:244 Resp: 486565

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

122 10.0 6.2 9.4#



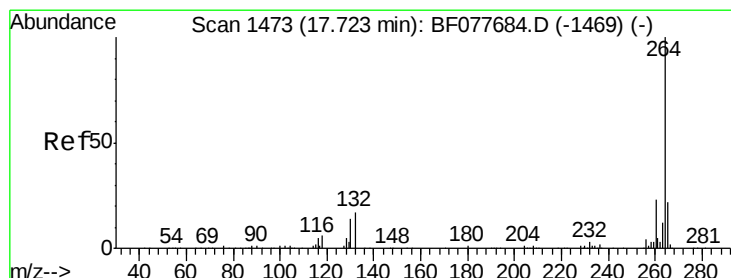
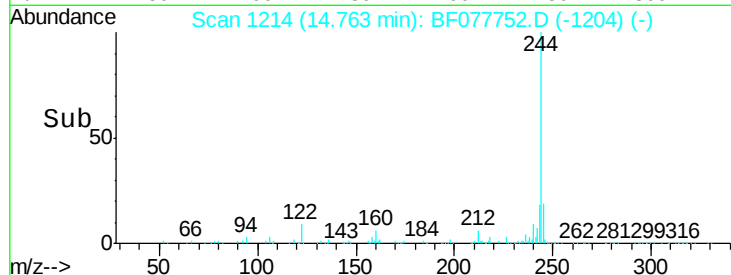
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

14.76

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.77 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

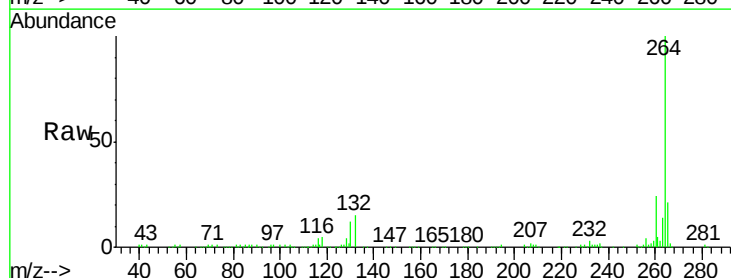
Tgt Ion:264 Resp: 204773

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 20.9 17.3 25.9



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

17.77

Time-->

