

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084750.D
 Acq On : 2 Feb 2016 15:32
 Operator : SJ/IZ
 Sample : H1256-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9035

Quant Time: Feb 03 00:16:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	164008	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	671176	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	316843	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	644370	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	571923	20.00	ng	-0.02
86) Perylene-d12	15.23	264	443981	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1309013	124.32	ng	-0.01
7) Phenol-d6	6.36	99	1742670	133.50	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1164251	97.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	531361	160.78	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	1928364	117.44	ng	-0.02
78) Terphenyl-d14	12.81	244	1844476	73.08	ng	-0.02

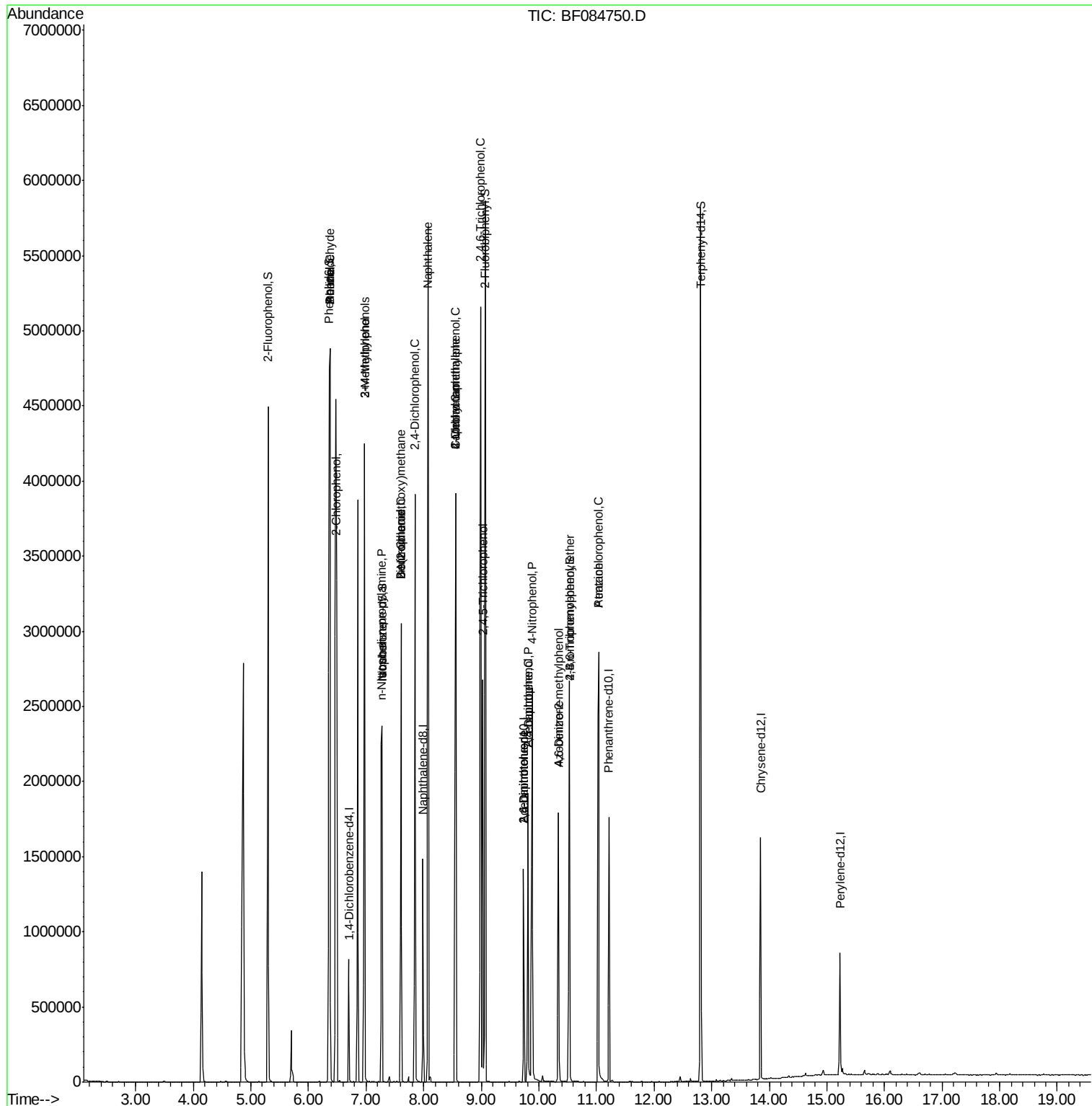
Target Compounds						Qvalue
6) Aniline	6.37	93	32664	2.04	ng	# 1
8) 2-Chlorophenol	6.49	128	700877	58.81	ng	91
9) Benzaldehyde	6.37	77	17214	2.23	ng	# 1
10) Phenol	6.37	94	1513236	103.48	ng	93
17) 2-Methylphenol	6.98	107	1098334	116.52	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	159372	19.48	ng	# 72
20) 3+4-Methylphenols	6.98	107	1098334	93.88	ng	# 71
25) Isophorone	7.28	82	1069512	46.16	ng	# 66
26) 2-Nitrophenol	7.61	139	697058	110.77	ng	# 82
28) bis(2-Chloroethoxy)methane	7.61	93	74826	5.44	ng	# 63
29) 2,4-Dichlorophenol	7.85	162	969189	103.49	ng	96
31) Naphthalene	8.08	128	87934	2.61	ng	# 79
32) Benzoic acid	7.61	122	47195	6.74	ng	# 8
35) Caprolactam	8.56	113	29482	10.21	ng	# 24
36) 4-Chloro-3-methylphenol	8.56	107	958665	89.73	ng	99
37) 2-Methylnaphthalene	8.56	142	709505	33.67	ng	# 23
42) 2,4,6-Trichlorophenol	8.99	196	907203	139.94	ng	95
43) 2,4,5-Trichlorophenol	9.02	196	332844	50.53	ng	94
50) 2,6-Dinitrotoluene	9.73	165	42736	8.11	ng	# 37
51) Acenaphthene	9.81	154	246699	11.99	ng	# 4
53) 2,4-Dinitrophenol	9.81	184	339334	135.15	ng	96
55) 4-Nitrophenol	9.88	139	672480	154.46	ng	# 78
56) 2,4-Dinitrotoluene	9.73	165	42736	6.36	ng	# 21
62) Azobenzene	10.34	77	61356	2.71	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.34	198	216582	54.46	ng	# 71
66) 4-Bromophenyl-phenylether	10.53	248	32025	4.50	ng	# 1
68) Atrazine	11.04	200	100019	15.48	ng	# 37
69) Pentachlorophenol	11.04	266	492631	135.17	ng	97

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

```
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Sample    : H1256-12  
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QLast Update : Mon Feb 01 14:55:11 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

Instrument :

BNA_F

ClientSampleId :

9035

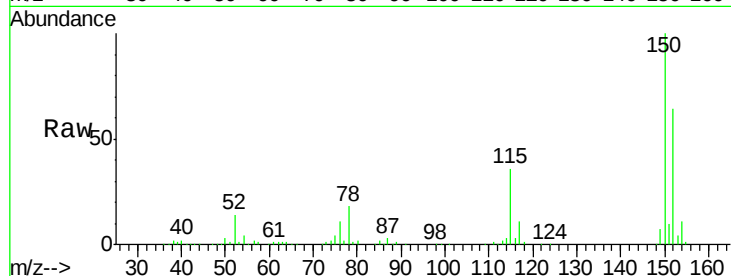
Tgt Ion:152 Resp: 164008

Ion Ratio Lower Upper

152 100

150 156.0 123.0 184.4

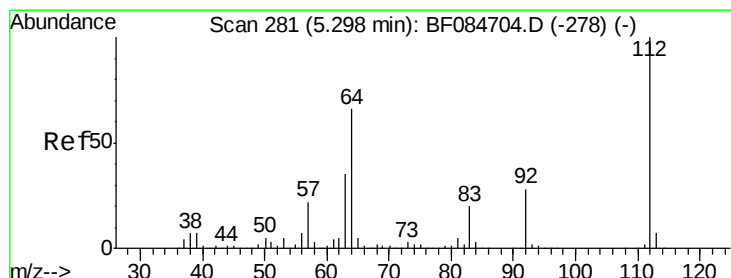
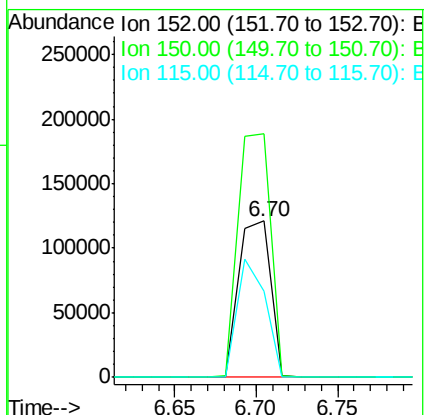
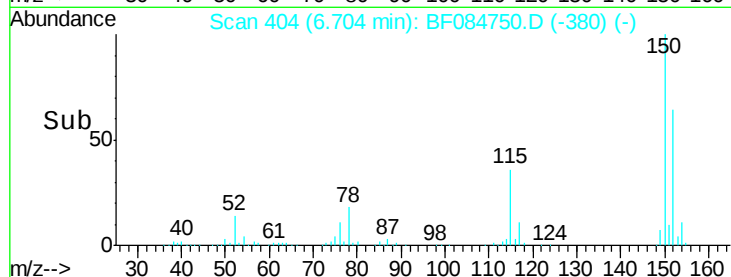
115 55.4 51.4 77.2



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: 124.32 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

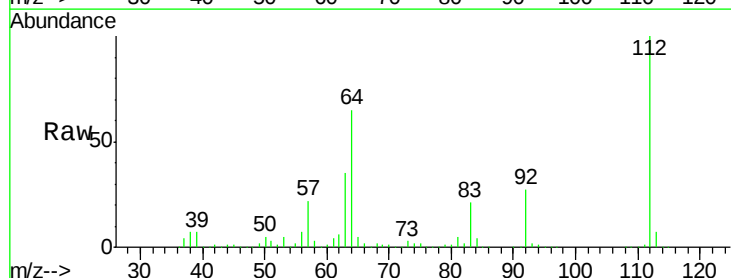
Tgt Ion:112 Resp: 1309013

Ion Ratio Lower Upper

112 100

64 65.2 36.6 55.0#

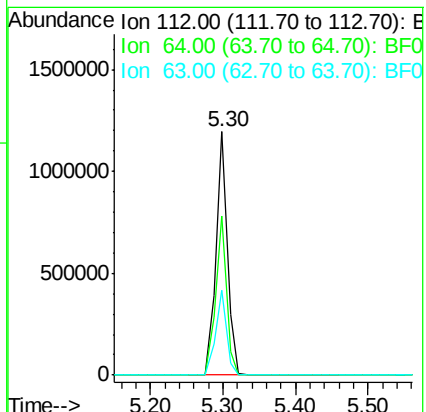
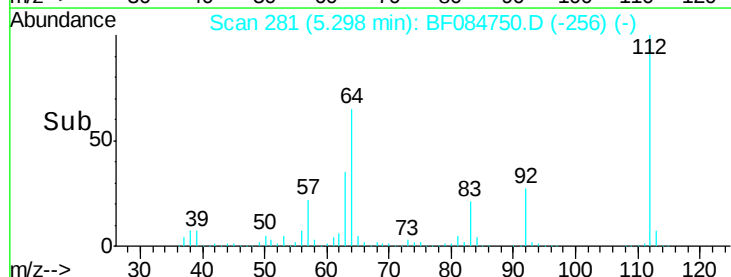
63 34.8 19.4 29.0#

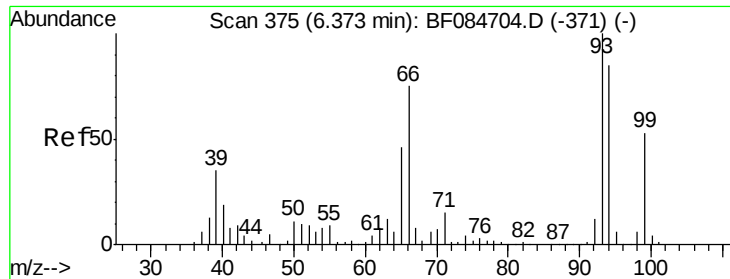


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 2.04 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

Instrument :

BNA_F

ClientSampleId :

9035

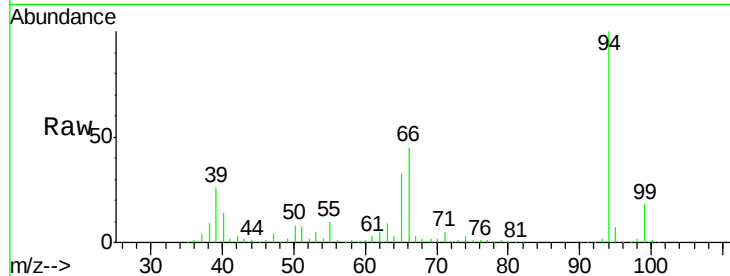
Tgt Ion: 93 Resp: 32664

Ion Ratio Lower Upper

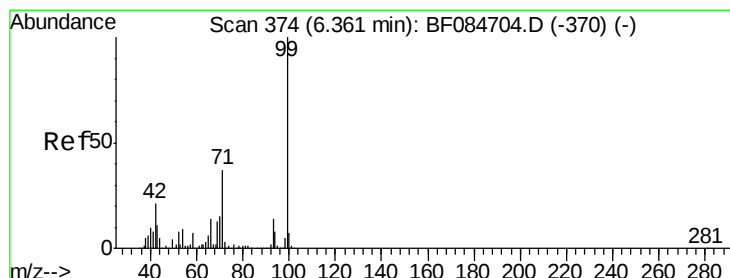
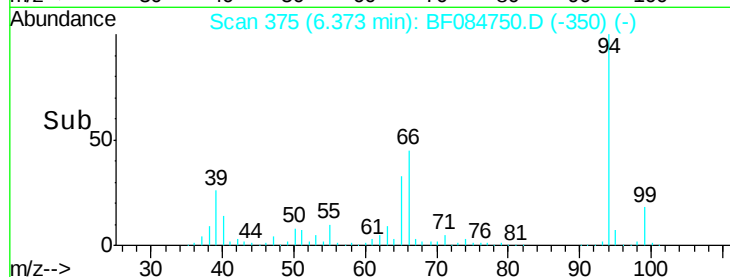
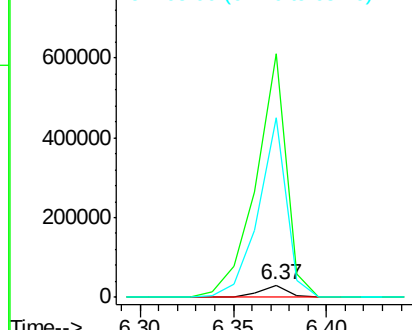
93 100

66 2018.8 44.9 67.3#

65 1486.1 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 133.50 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

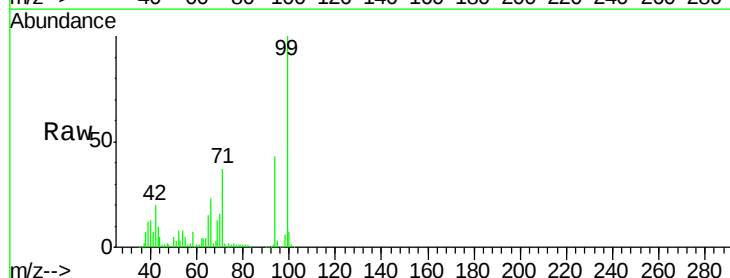
Tgt Ion: 99 Resp: 1742670

Ion Ratio Lower Upper

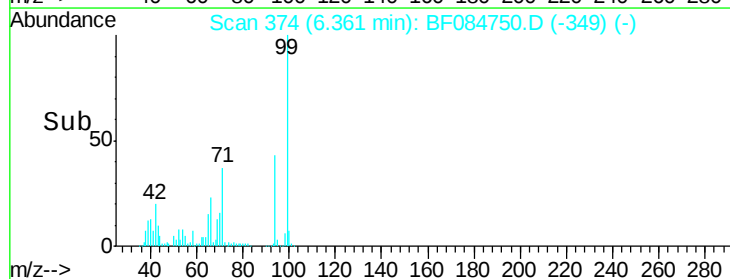
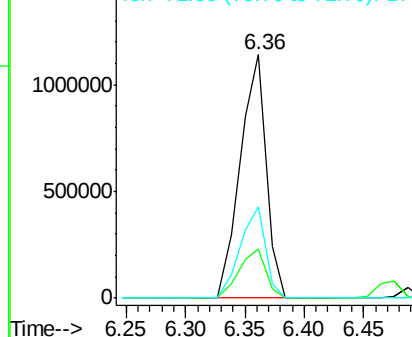
99 100

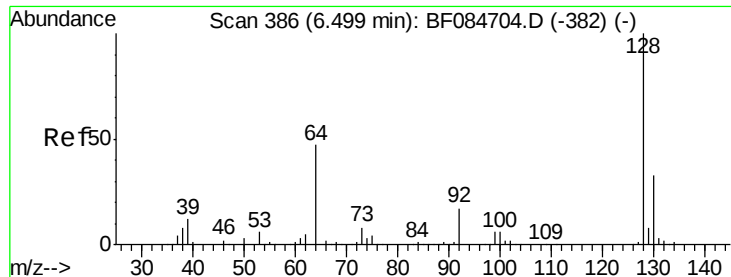
42 19.9 12.8 19.2#

71 37.3 30.9 46.3



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





#8

2-Chlorophenol

Concen: 58.81 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

Instrument :

BNA_F

ClientSampleId :

9035

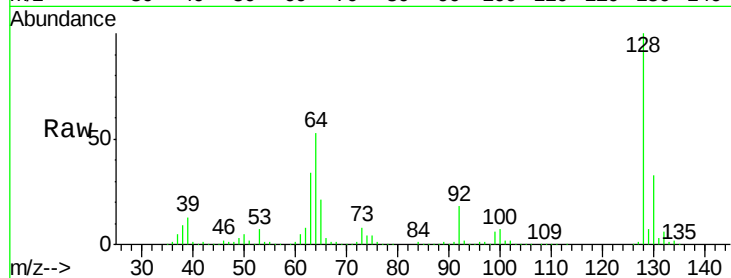
Tgt Ion:128 Resp: 700877

Ion Ratio Lower Upper

128 100

130 32.9 11.6 51.6

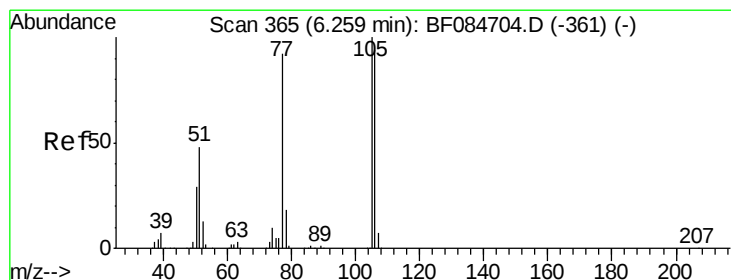
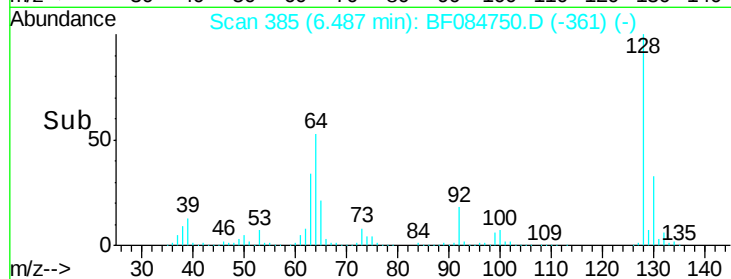
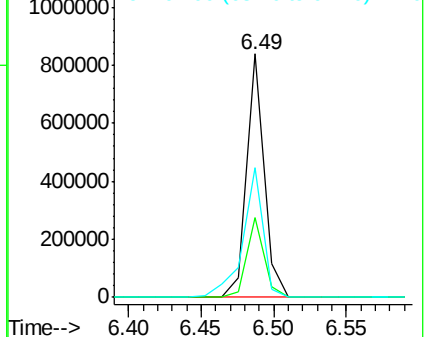
64 53.1 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 2.23 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.10 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

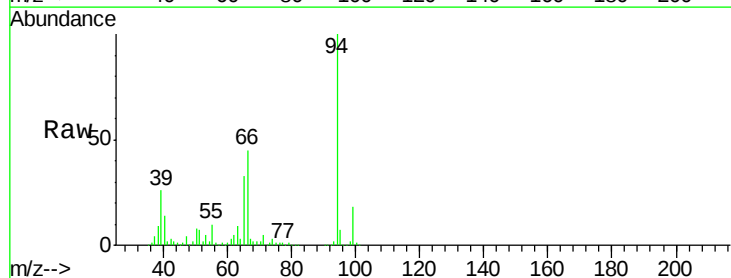
Tgt Ion: 77 Resp: 17214

Ion Ratio Lower Upper

77 100

105 0.0 83.0 123.0#

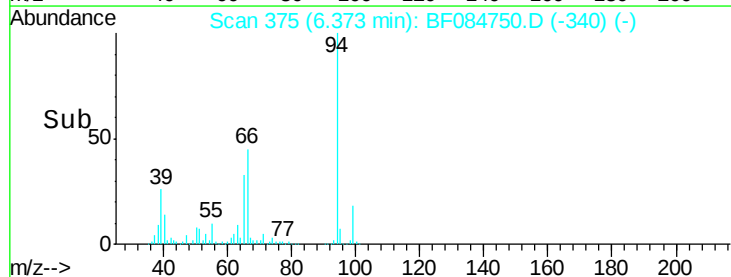
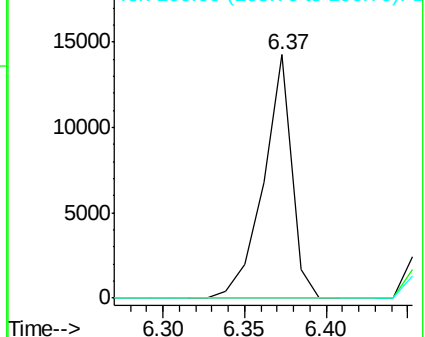
106 0.0 74.6 114.6#

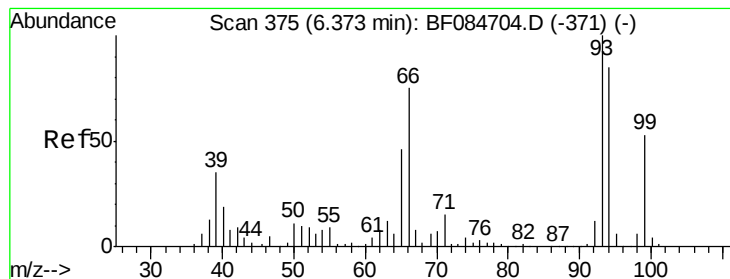


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 103.48 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

Instrument :

BNA_F

ClientSampleId :

9035

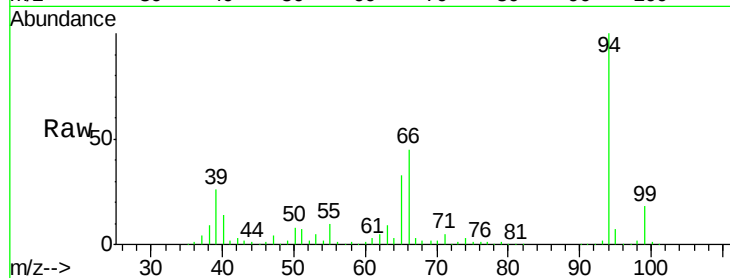
Tgt Ion: 94 Resp: 1513236

Ion Ratio Lower Upper

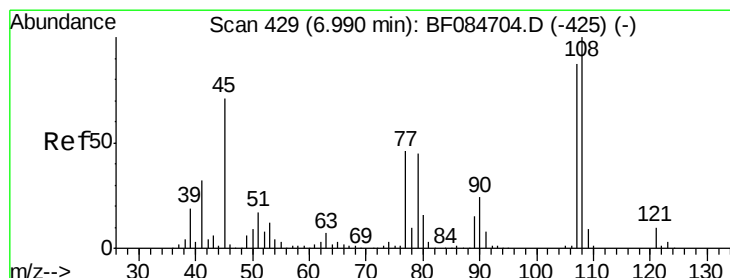
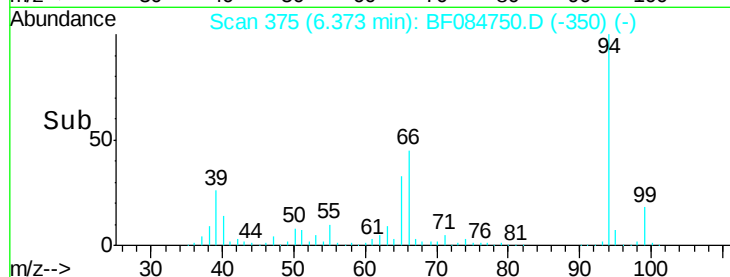
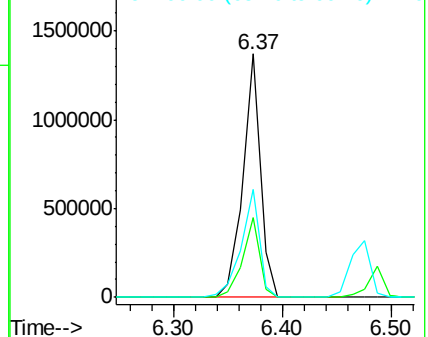
94 100

65 32.8 12.9 52.9

66 44.5 32.7 72.7



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#17

2-Methylphenol

Concen: 116.52 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

Tgt Ion: 107 Resp: 1098334

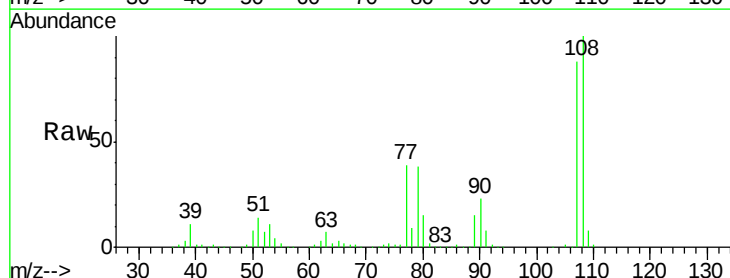
Ion Ratio Lower Upper

107 100

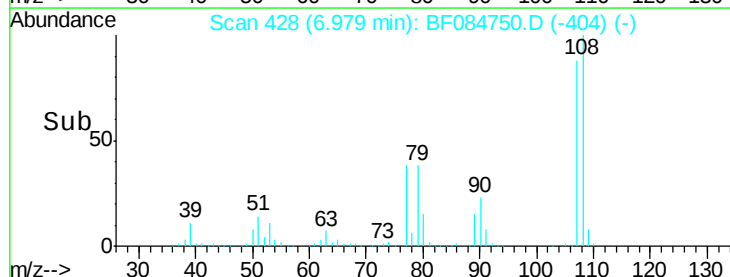
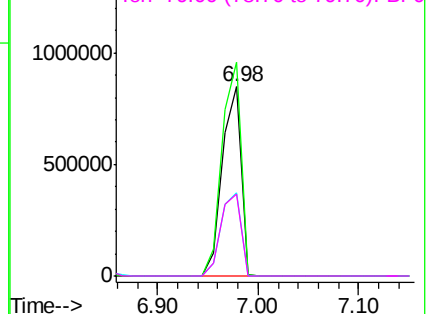
108 113.0 89.8 134.6

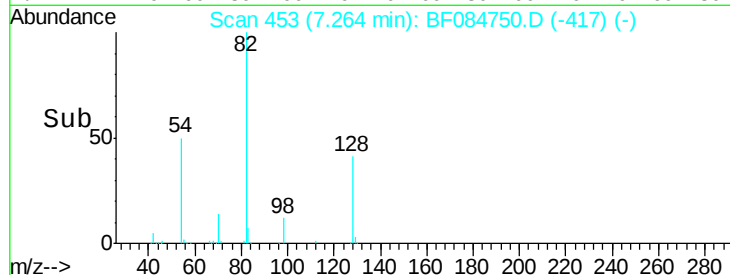
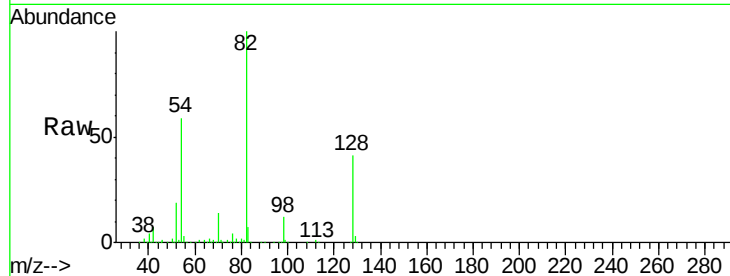
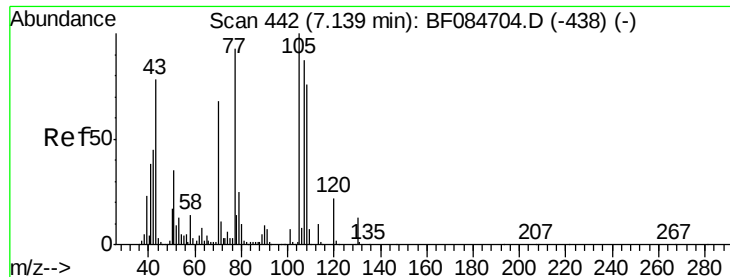
77 43.9 35.7 53.5

79 43.2 35.7 53.5



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

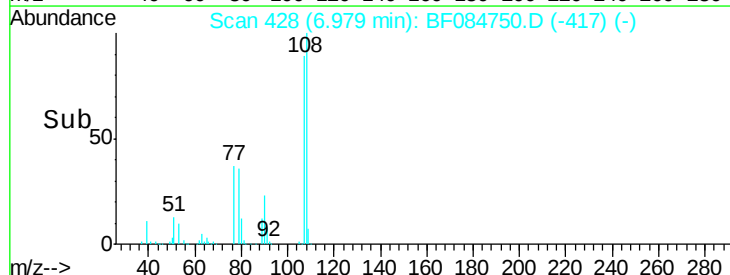
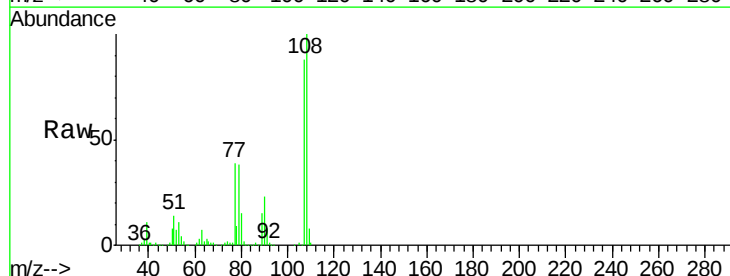
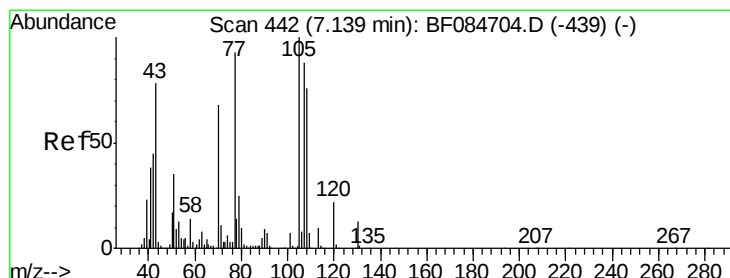
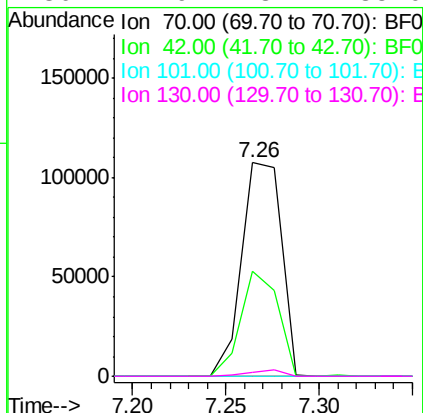




#19
n-Nitroso-di-n-propylamine
Concen: 19.48 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.11 min
Lab File: BF084750.D
Acq: 2 Feb 2016 15:32

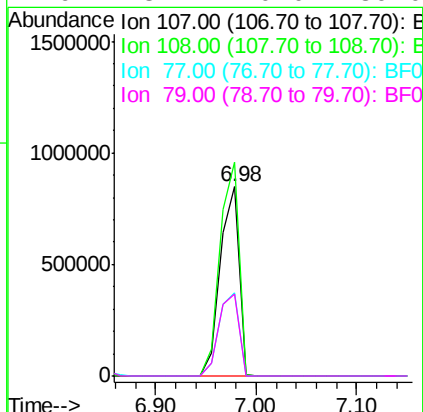
Instrument :
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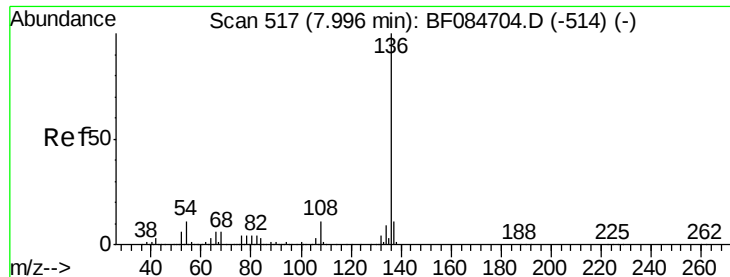
Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.3	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#



#20
3+4-Methylphenols
Concen: 93.88 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.17 min
Lab File: BF084750.D
Acq: 2 Feb 2016 15:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.0	74.6	114.6
77	43.9	0.7	40.7#
79	43.2	0.0	39.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

Instrument :

BNA_F

ClientSampleId :

9035

Tgt Ion:136 Resp: 671176

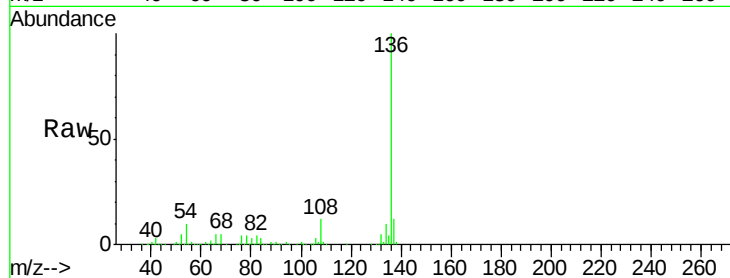
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 9.9 5.8 8.8#

68 5.2 4.2 6.2

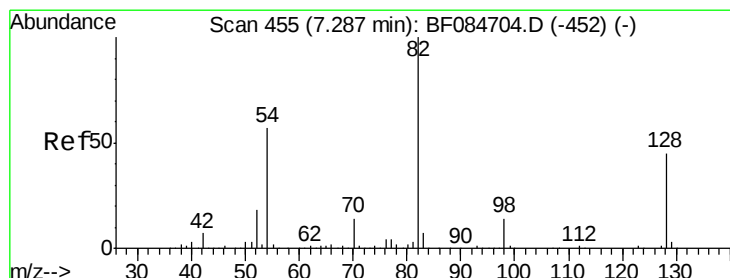
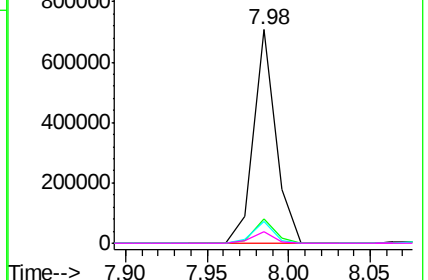
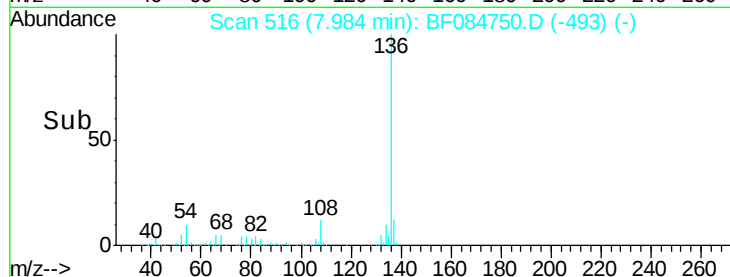


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 97.72 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

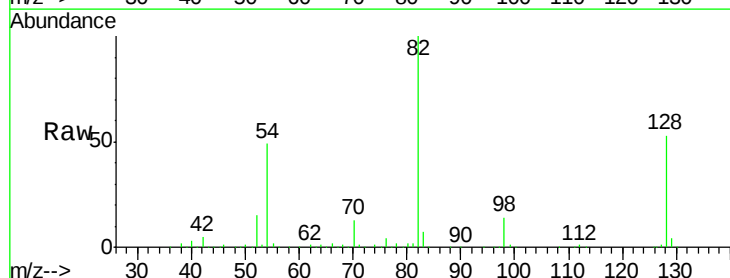
Tgt Ion: 82 Resp: 1164251

Ion Ratio Lower Upper

82 100

128 52.7 34.6 51.8#

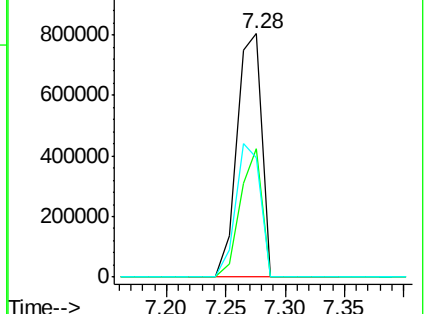
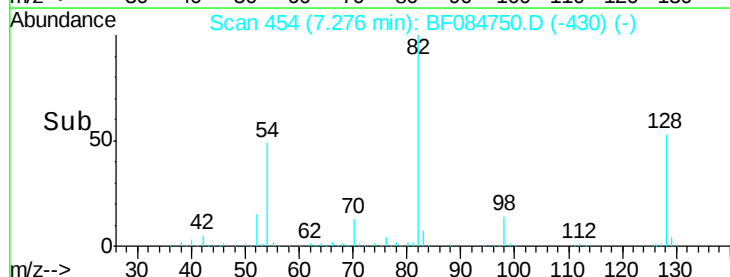
54 49.1 38.4 57.6

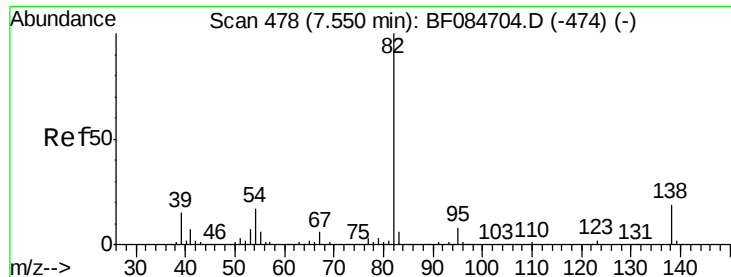


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.16 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.29 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

Instrument :

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ClientSampleId :

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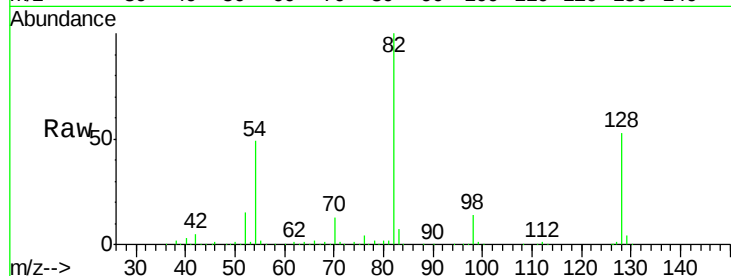
Tgt Ion: 82 Resp: 1069512

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

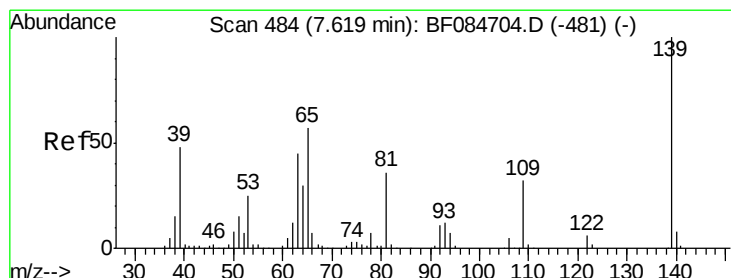
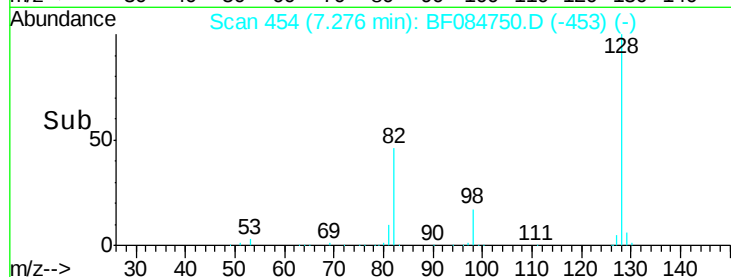
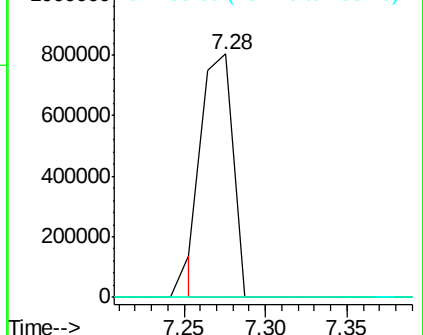
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 110.77 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

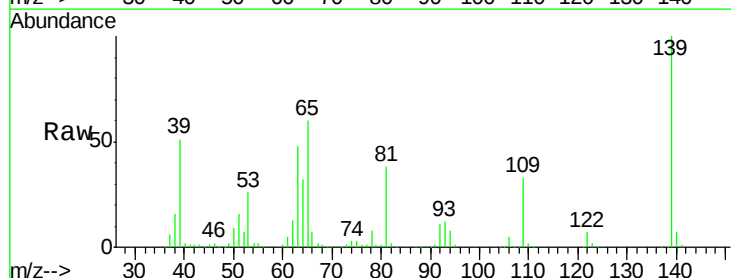
Tgt Ion: 139 Resp: 697058

Ion Ratio Lower Upper

139 100

109 32.7 25.4 38.2

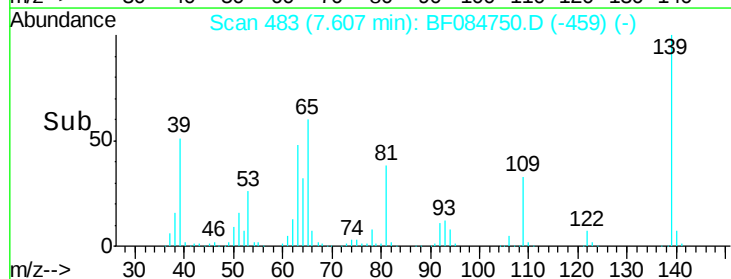
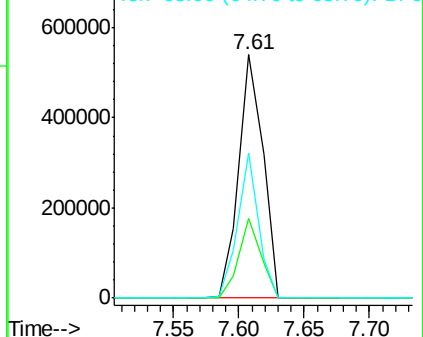
65 59.5 32.3 48.5#

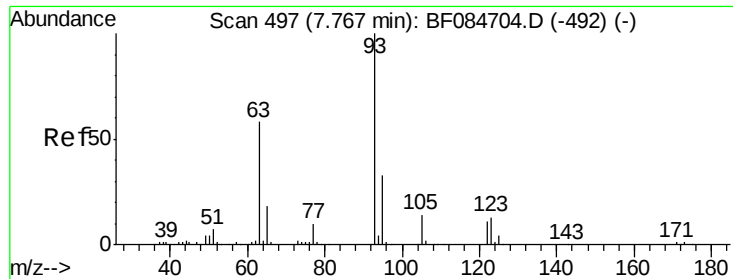


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#28

bis(2-Chloroethoxy)methane

Concen: 5.44 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.17 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

Instrument :

BNA_F

ClientSampleId :

9035

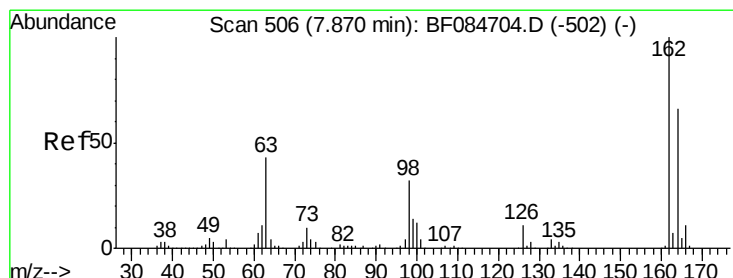
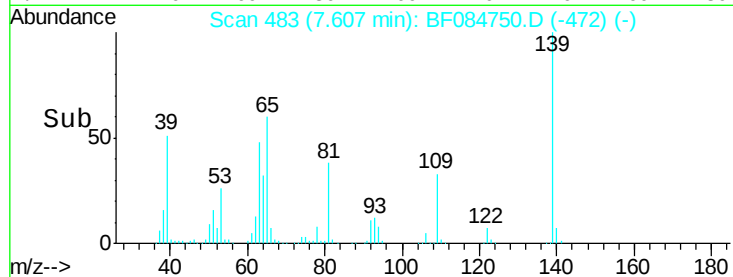
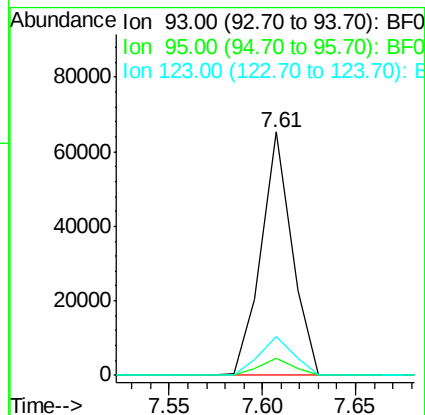
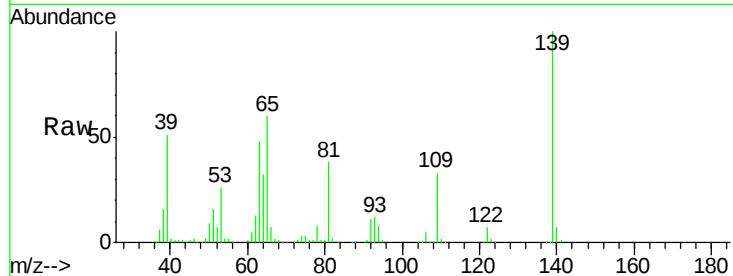
Tgt Ion: 93 Resp: 74826

Ion Ratio Lower Upper

93 100

95 7.1 25.8 38.6#

123 15.9 8.6 12.8#



#29

2,4-Dichlorophenol

Concen: 103.49 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

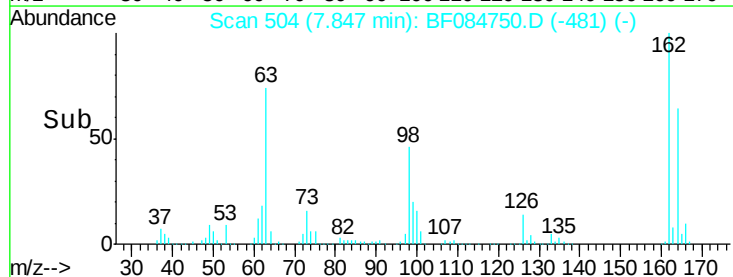
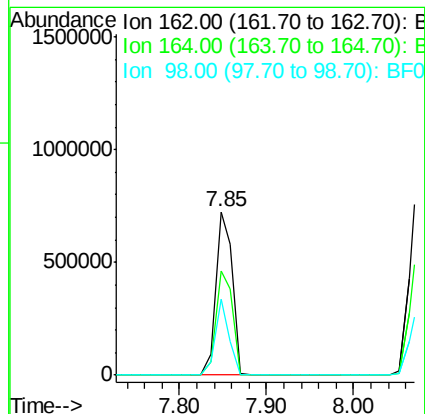
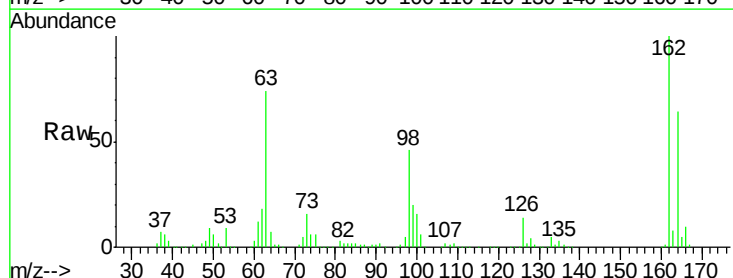
Tgt Ion: 162 Resp: 969189

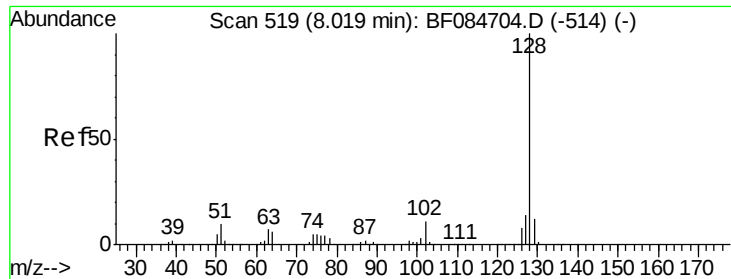
Ion Ratio Lower Upper

162 100

164 63.5 44.1 84.1

98 46.3 20.2 60.2

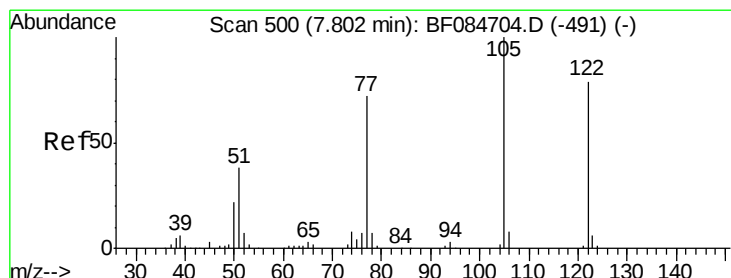
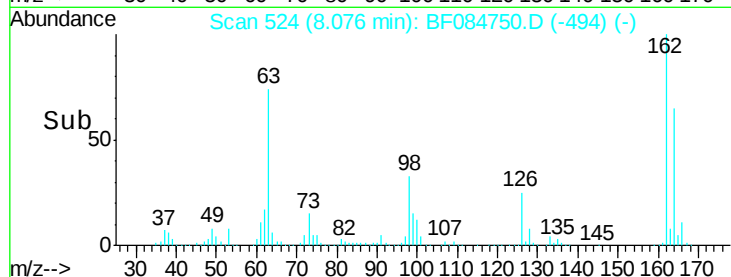
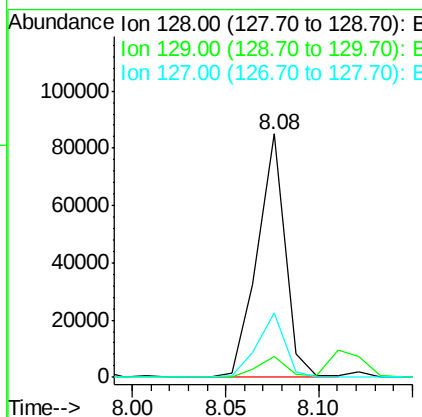
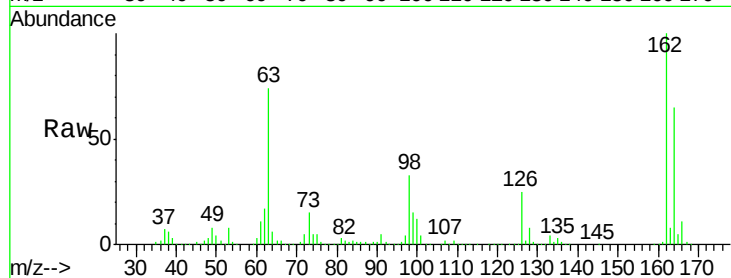




#31
Naphthalene
Concen: 2.61 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.05 min
Lab File: BF084750.D
Acq: 2 Feb 2016 15:32

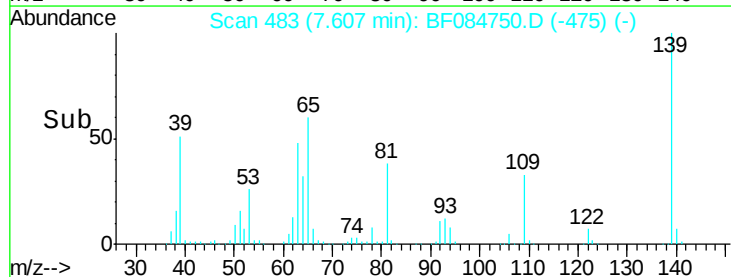
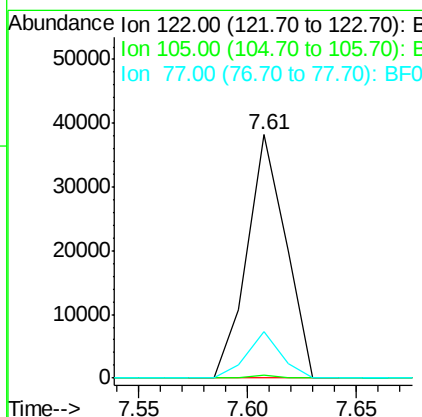
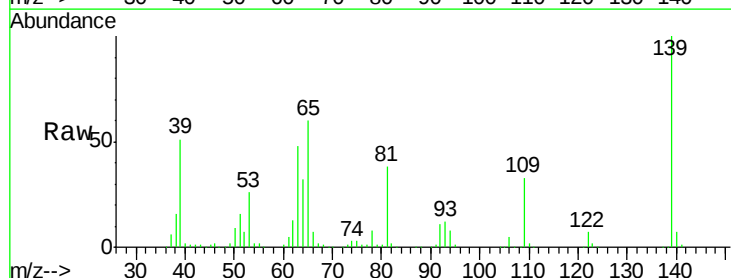
Instrument :
BNA_F
ClientSampleId :
9035

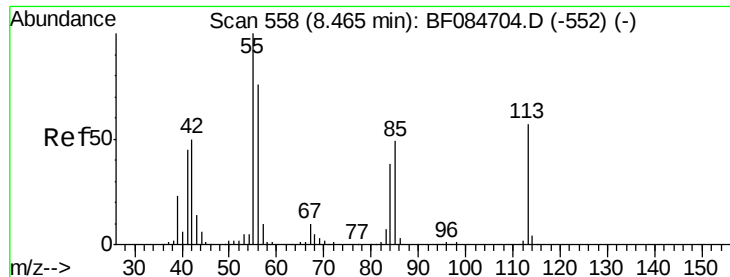
Tgt Ion:128 Resp: 87934
Ion Ratio Lower Upper
128 100
129 8.3 9.1 13.7#
127 26.5 11.1 16.7#



#32
Benzoic acid
Concen: 6.74 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.21 min
Lab File: BF084750.D
Acq: 2 Feb 2016 15:32

Tgt Ion:122 Resp: 47195
Ion Ratio Lower Upper
122 100
105 1.0 100.3 140.3#
77 19.2 63.5 103.5#

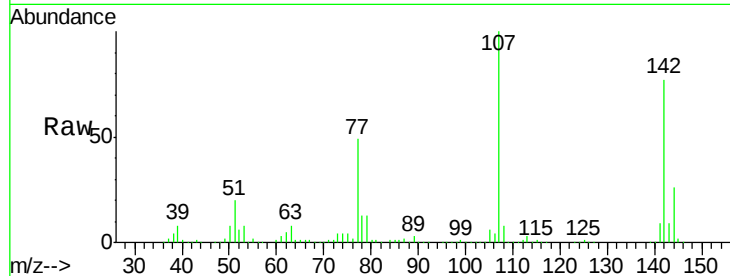




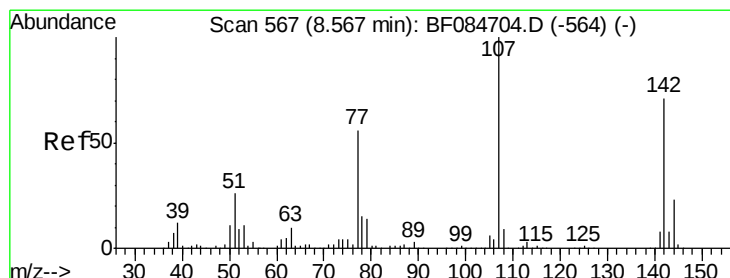
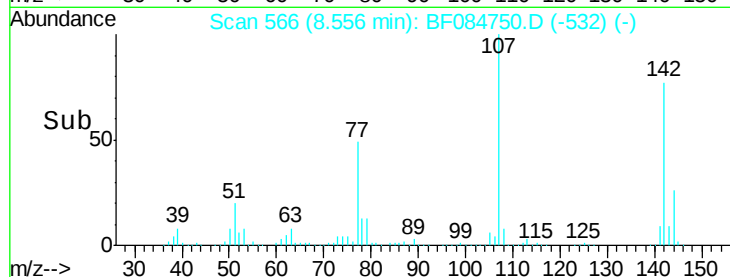
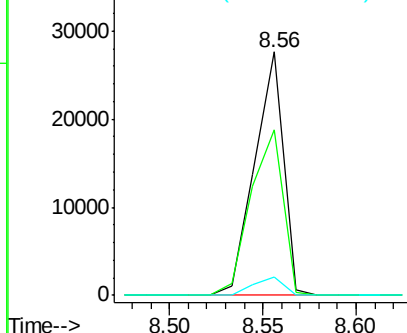
#35
 Caprolactam
 Concen: 10.21 ng
 RT: 8.56 min Scan# 566
 Delta R.T. 0.09 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

Instrument :
 BNA_F
 ClientSampleId :
 9035

Tgt Ion:113 Resp: 29482
 Ion Ratio Lower Upper
 113 100
 55 67.9 116.9 156.9#
 56 7.4 93.8 133.8#

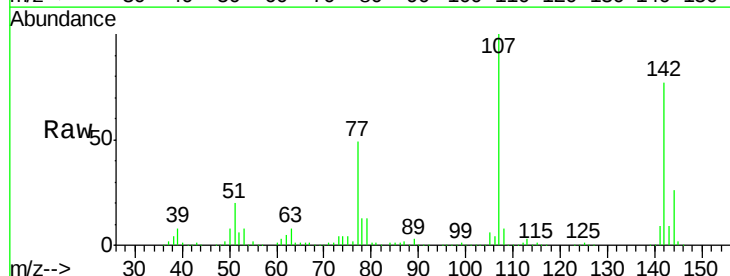


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

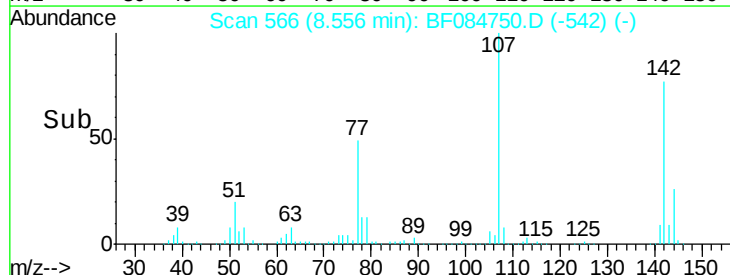
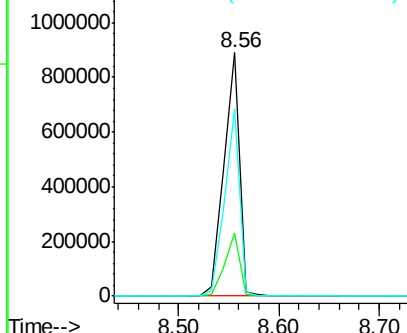


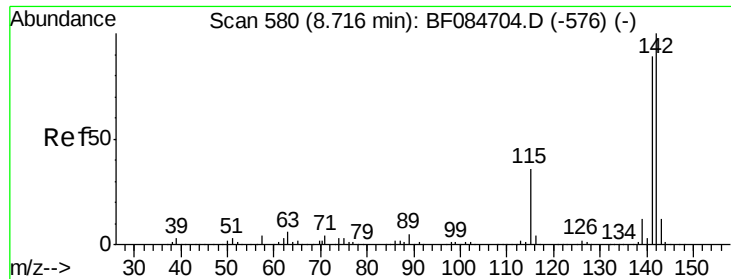
#36
 4-Chloro-3-methylphenol
 Concen: 89.73 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.02 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

Tgt Ion:107 Resp: 958665
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.7 29.5
 142 77.0 61.8 92.6



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

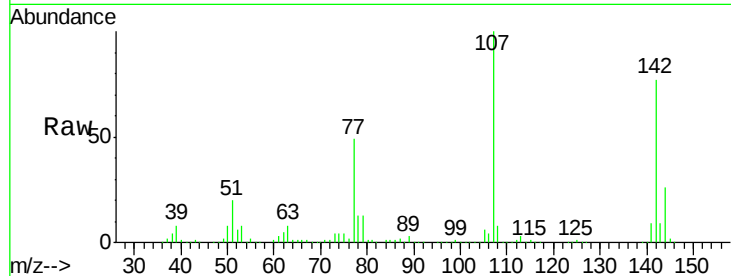




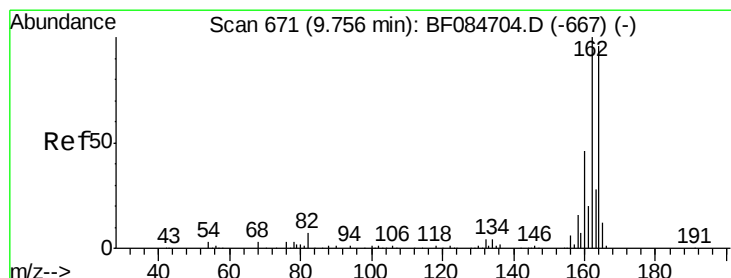
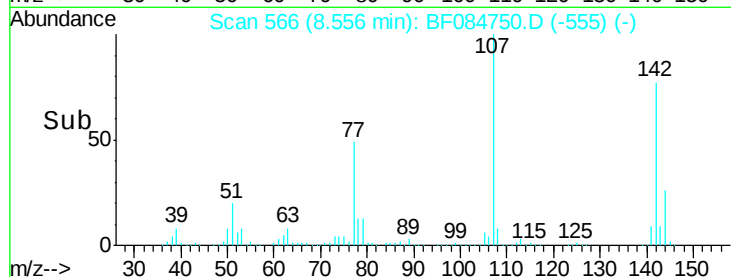
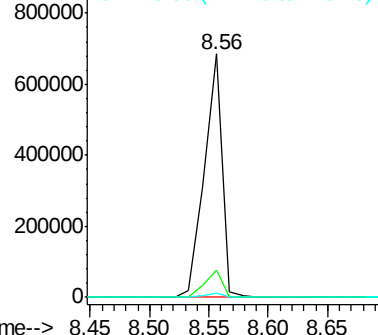
#37
 2-Methylnaphthalene
 Concen: 33.67 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.17 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

Instrument :
 BNA_F
 ClientSampleId :
 9035

Tgt Ion:142 Resp: 709505
 Ion Ratio Lower Upper
 142 100
 141 11.1 72.4 108.6#
 115 1.7 27.9 41.9#

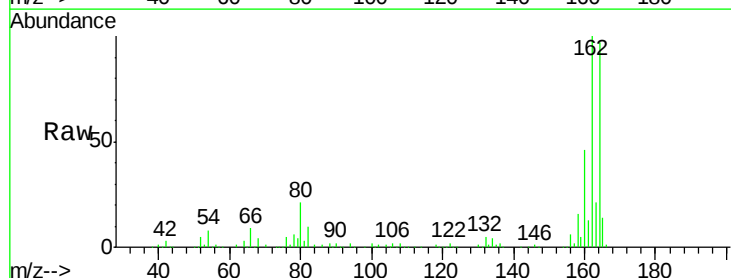


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

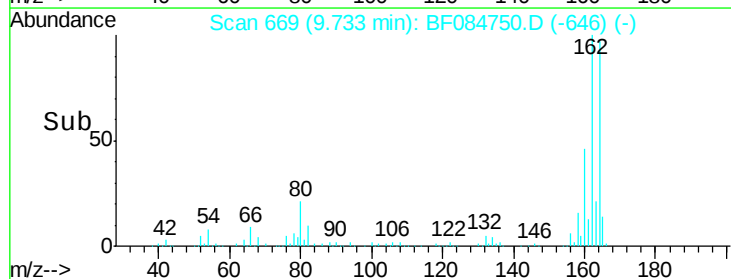
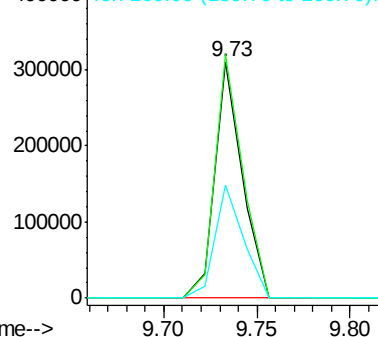


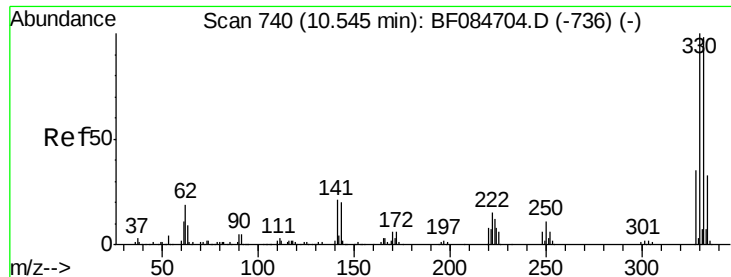
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

Tgt Ion:164 Resp: 316843
 Ion Ratio Lower Upper
 164 100
 162 103.0 85.1 127.7
 160 47.7 37.5 56.3



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

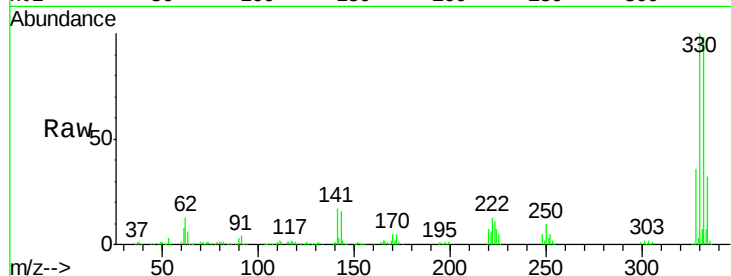




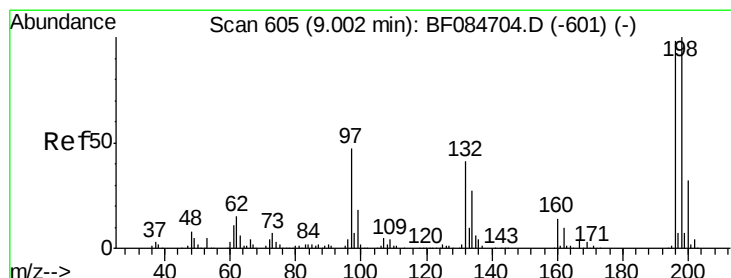
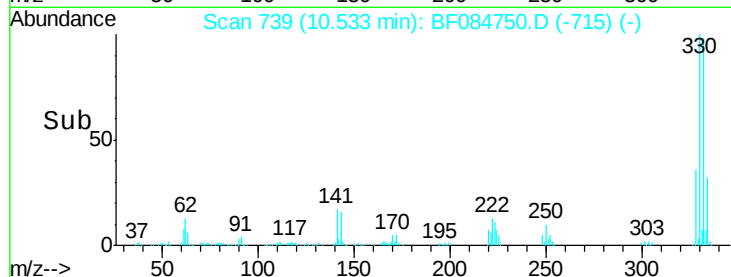
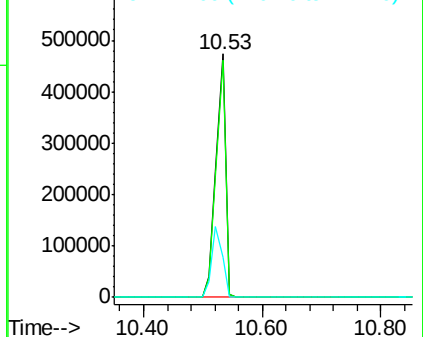
#41
 2,4,6-Tribromophenol
 Concen: 160.78 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

Instrument :
 BNA_F
 ClientSampleId :
 9035

Tgt Ion:330 Resp: 531361
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 32.2 27.8 41.6

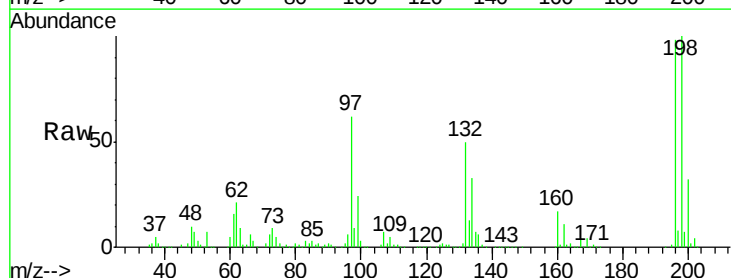


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

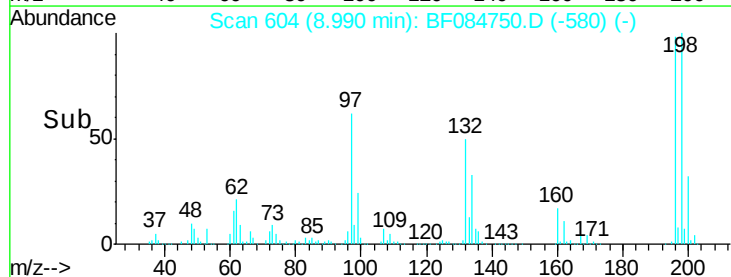
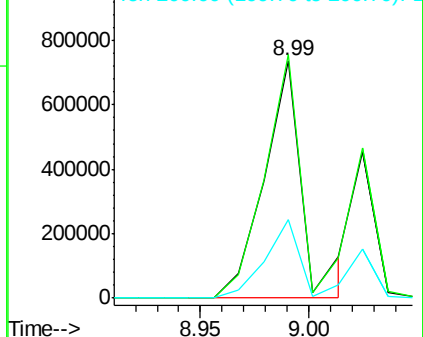


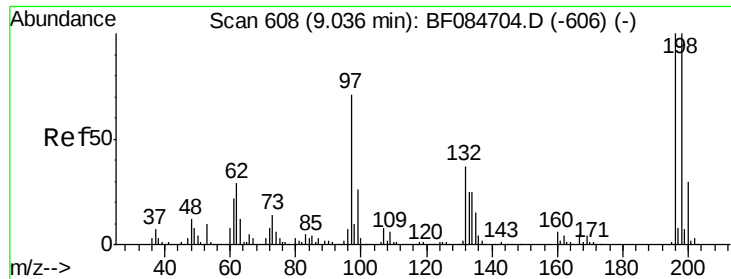
#42
 2,4,6-Trichlorophenol
 Concen: 139.94 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

Tgt Ion:196 Resp: 907203
 Ion Ratio Lower Upper
 196 100
 198 102.4 77.7 116.5
 200 33.0 24.6 37.0



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

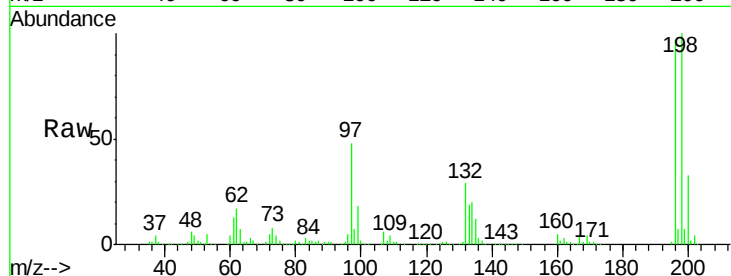




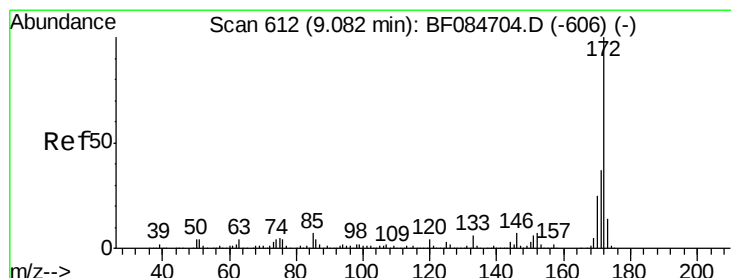
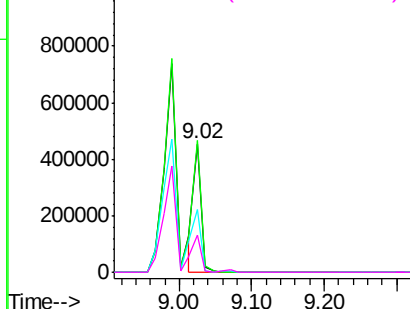
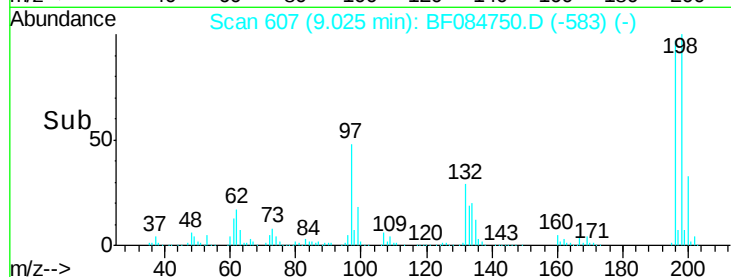
#43
 2,4,5-Trichlorophenol
 Concen: 50.53 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

Instrument :
 BNA_F
 ClientSampleId :
 9035

Tgt Ion:196 Resp: 332844
 Ion Ratio Lower Upper
 196 100
 198 102.9 79.0 118.6
 97 49.1 33.0 49.6
 132 29.5 21.1 31.7

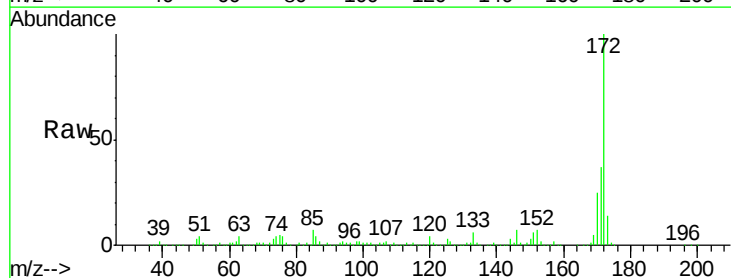


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

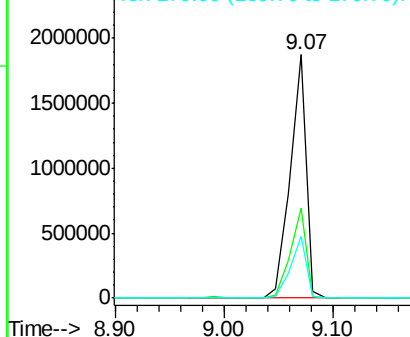
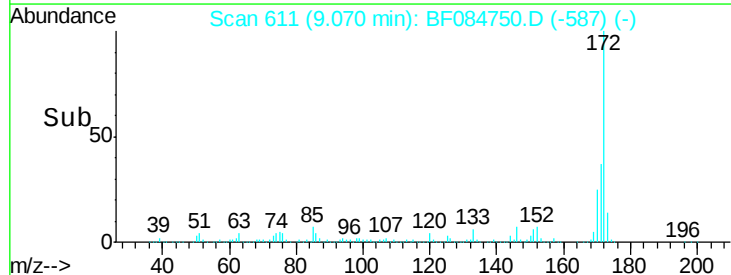


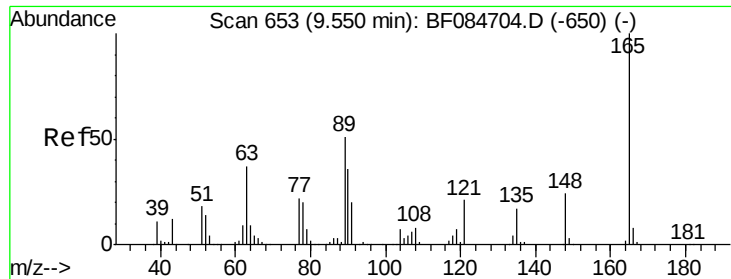
#44
 2-Fluorobiphenyl
 Concen: 117.44 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

Tgt Ion:172 Resp: 1928364
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 25.4 18.6 27.8



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

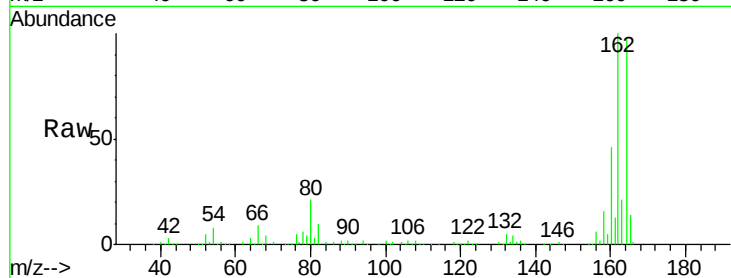




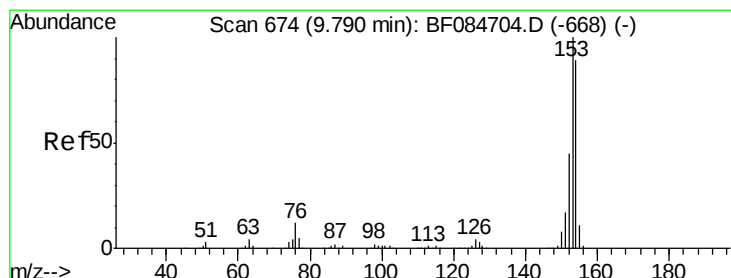
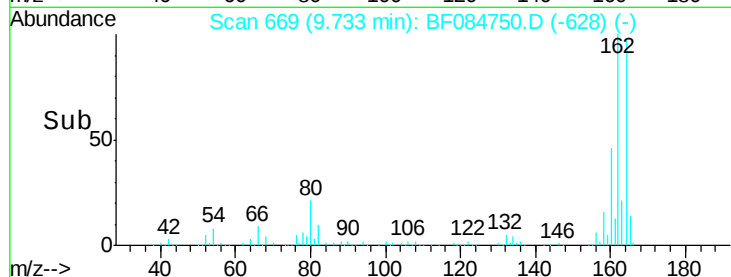
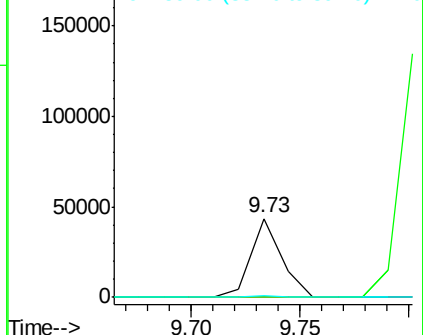
#50
2,6-Dinitrotoluene
Concen: 8.11 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.17 min
Lab File: BF084750.D
Acq: 2 Feb 2016 15:32

Instrument :
BNA_F
ClientSampleId :
9035

Tgt Ion:165 Resp: 42736
Ion Ratio Lower Upper
165 100
63 0.0 28.8 43.2#
89 1.9 35.1 52.7#

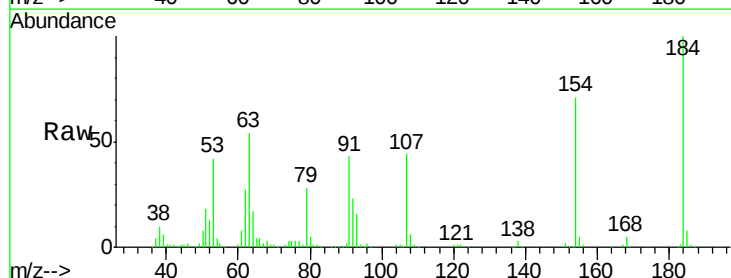


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

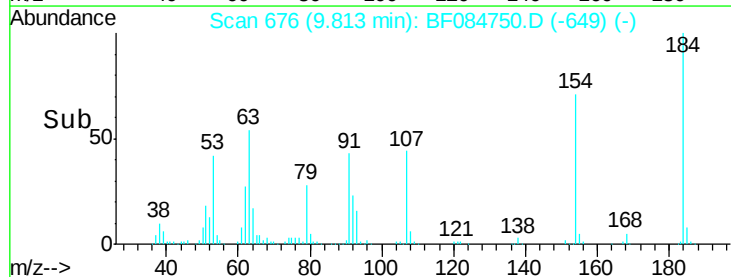
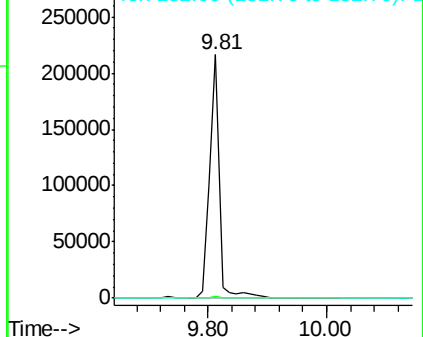


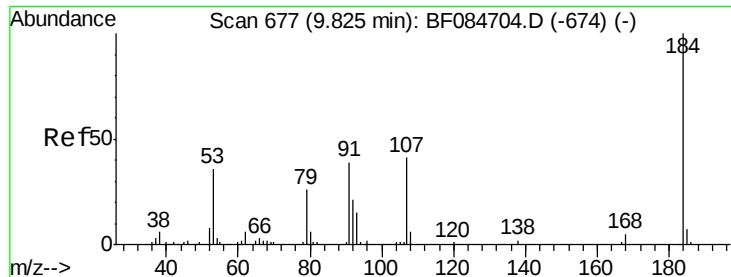
#51
Acenaphthene
Concen: 11.99 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF084750.D
Acq: 2 Feb 2016 15:32

Tgt Ion:154 Resp: 246699
Ion Ratio Lower Upper
154 100
153 0.5 91.5 137.3#
152 0.3 43.0 64.6#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

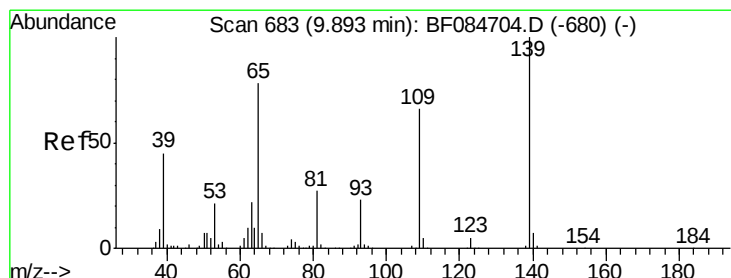
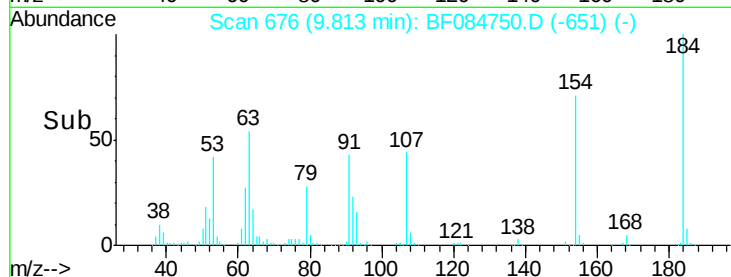
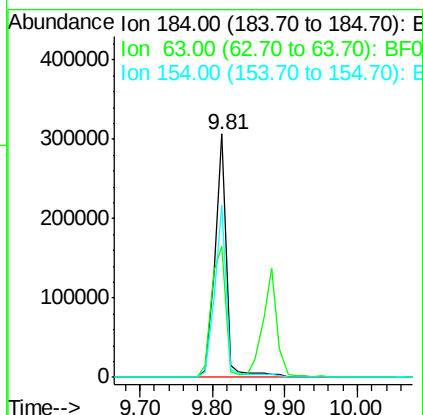
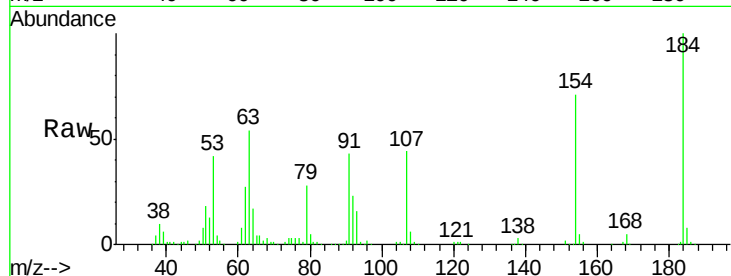




#53
 2,4-Dinitrophenol
 Concen: 135.15 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

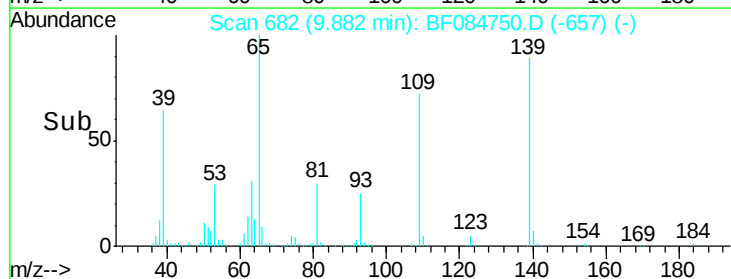
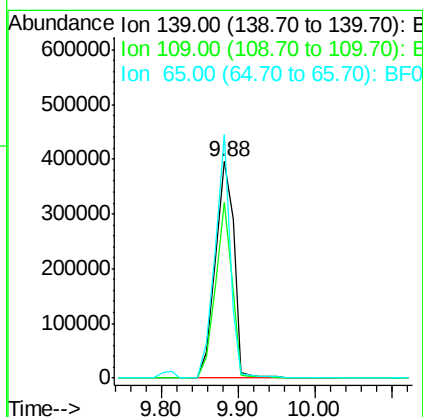
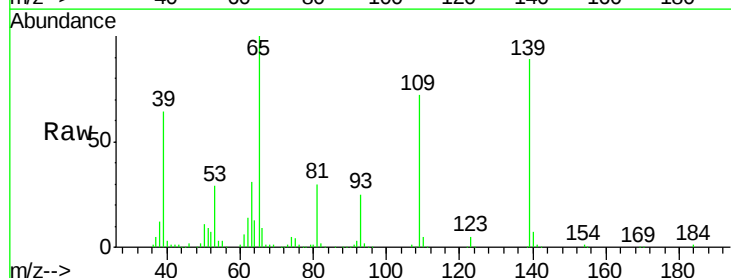
Instrument :
 BNA_F
 ClientSampleId :
 9035

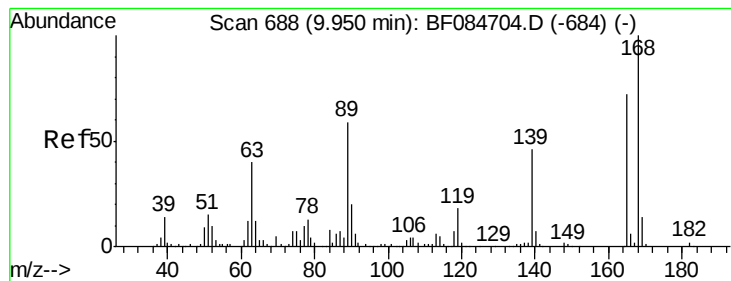
Tgt Ion:184 Resp: 339334
 Ion Ratio Lower Upper
 184 100
 63 53.8 43.1 64.7
 154 70.5 60.5 90.7



#55
 4-Nitrophenol
 Concen: 154.46 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

Tgt Ion:139 Resp: 672480
 Ion Ratio Lower Upper
 139 100
 109 81.2 58.5 98.5
 65 112.5 57.6 97.6#





#56

2,4-Dinitrotoluene

Concen: 6.36 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.23 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

Instrument :

BNA_F

ClientSampleId :

9035

Tgt Ion:165 Resp: 42736

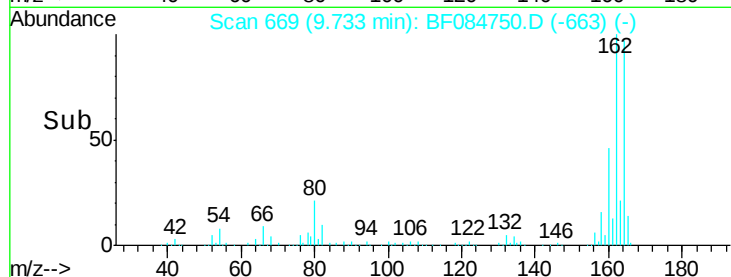
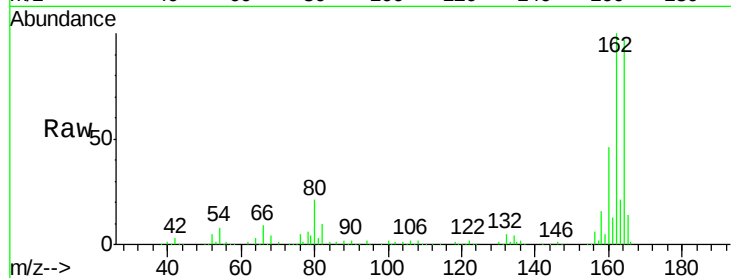
Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

89 1.9 61.9 92.9#

182 0.0 2.0 3.0#

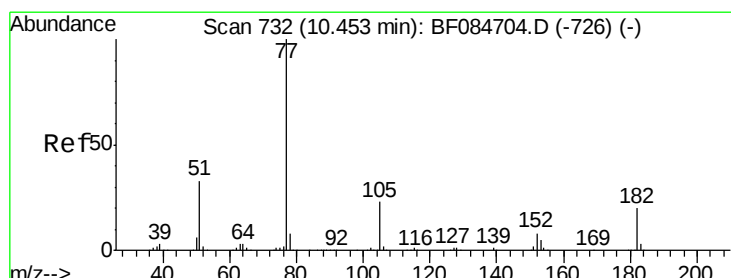
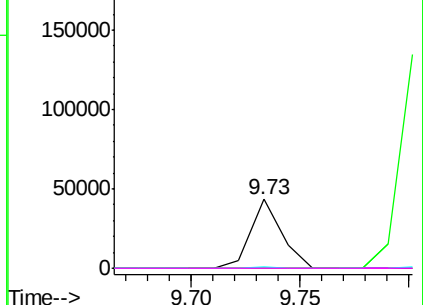


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#62

Azobenzene

Concen: 2.71 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.13 min

Lab File: BF084750.D

Acq: 2 Feb 2016 15:32

Tgt Ion: 77 Resp: 61356

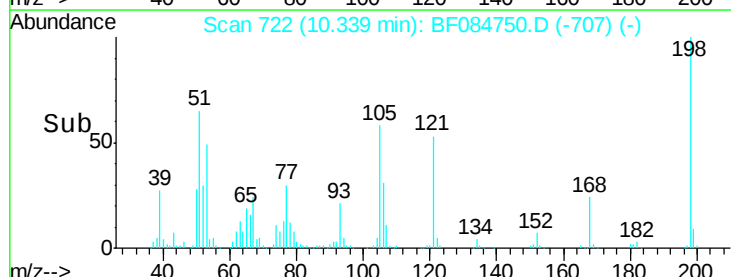
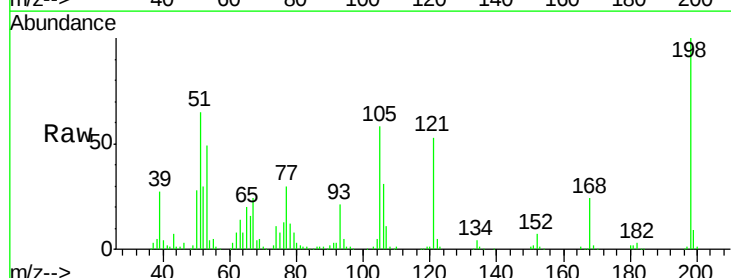
Ion Ratio Lower Upper

77 100

182 10.9 8.3 48.3

105 193.3 4.6 44.6#

51 218.4 6.2 46.2#

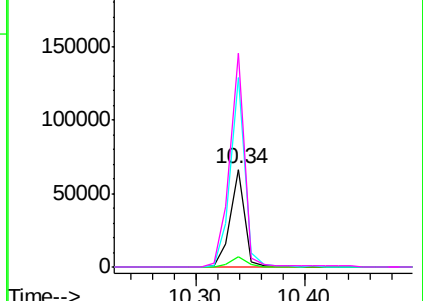


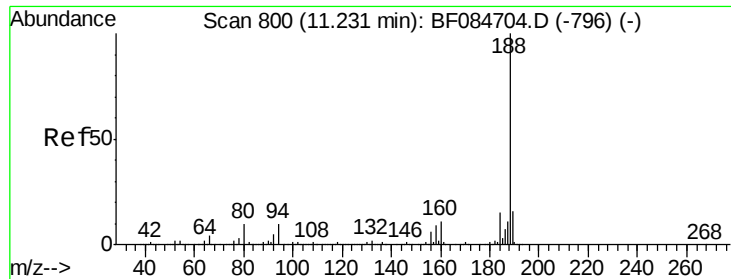
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

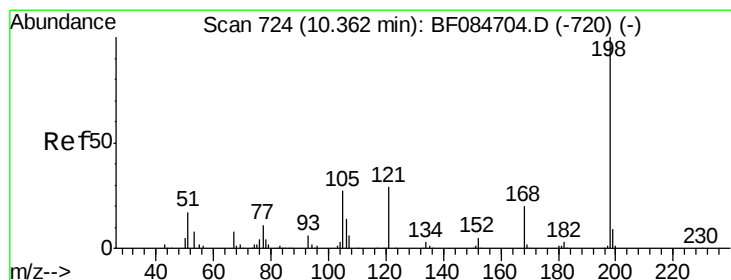
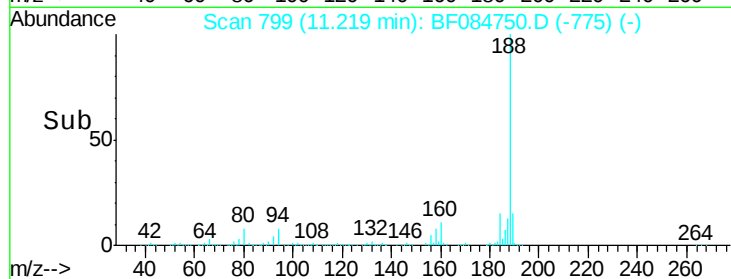
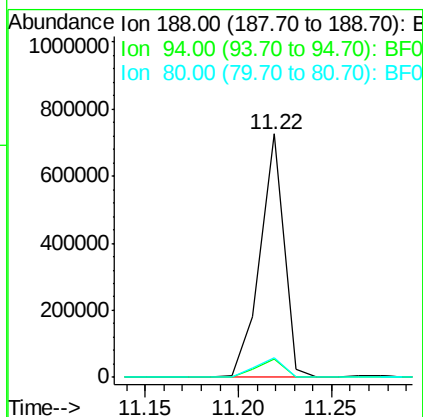
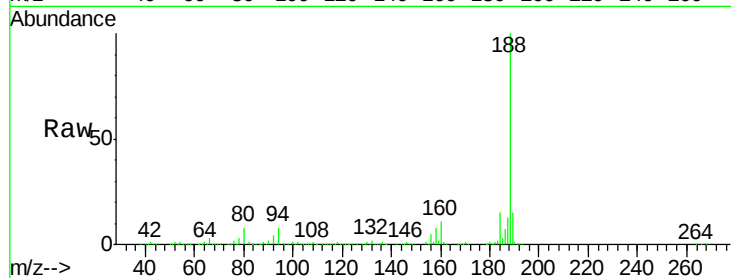




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF084750.D
Acq: 2 Feb 2016 15:32

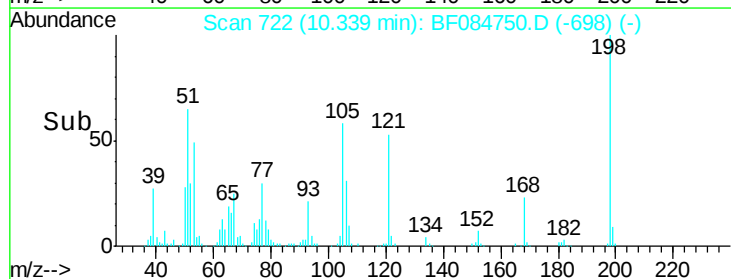
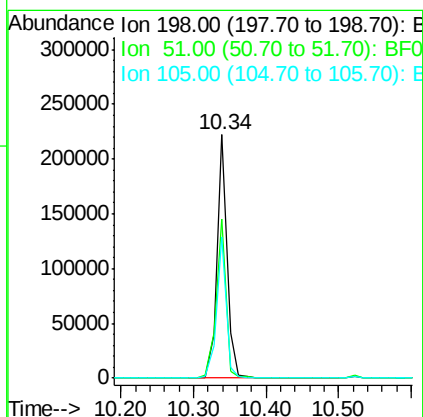
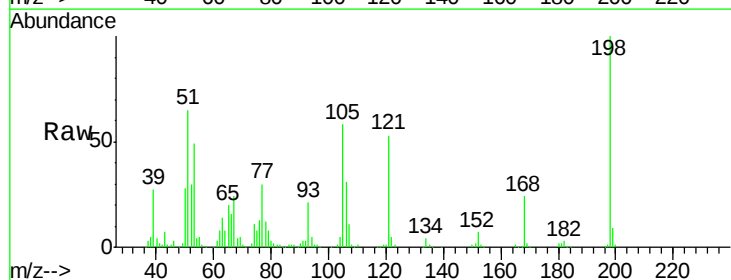
Instrument :
BNA_F
ClientSampleId :
9035

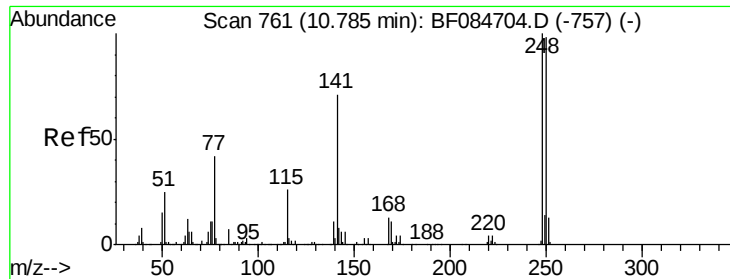
Tgt Ion:188 Resp: 644370
Ion Ratio Lower Upper
188 100
94 7.7 9.0 13.4#
80 8.2 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 54.46 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF084750.D
Acq: 2 Feb 2016 15:32

Tgt Ion:198 Resp: 216582
Ion Ratio Lower Upper
198 100
51 65.3 18.9 58.9#
105 57.8 26.4 66.4

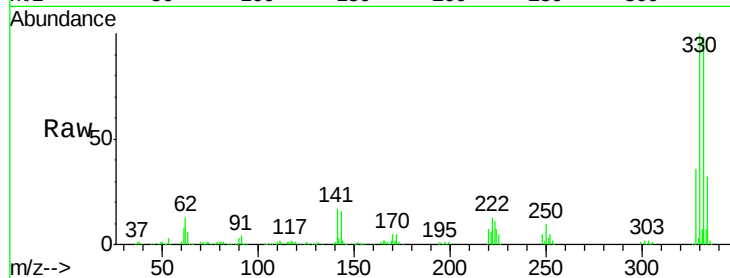




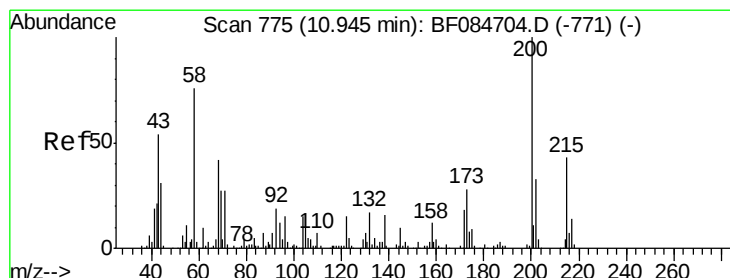
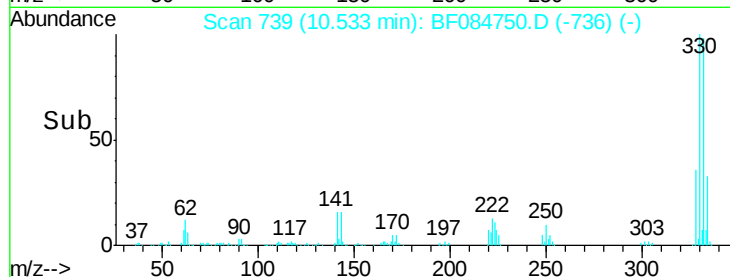
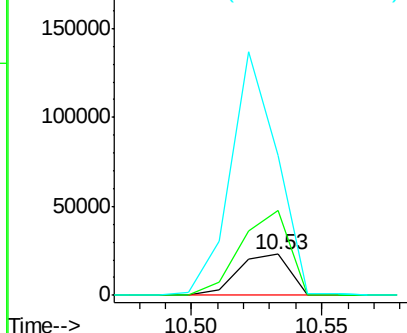
#66
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.26 min
Lab File: BF084750.D
Acq: 2 Feb 2016 15:32

Instrument :
BNA_F
ClientSampleId :
9035

Tgt Ion:248 Resp: 32025
Ion Ratio Lower Upper
248 100
250 205.9 78.4 117.6#
141 338.9 44.0 66.0#

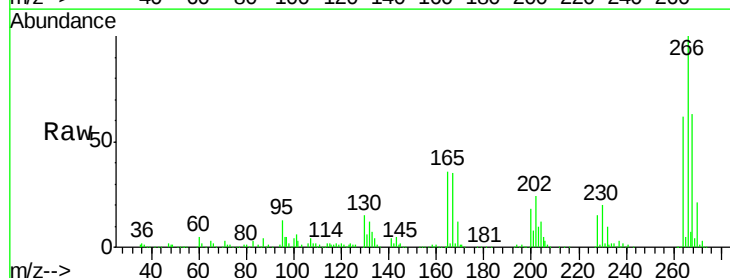


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

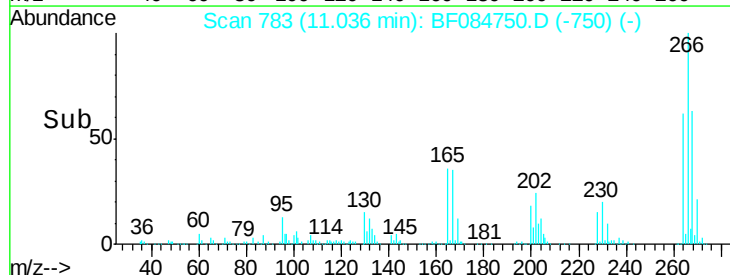
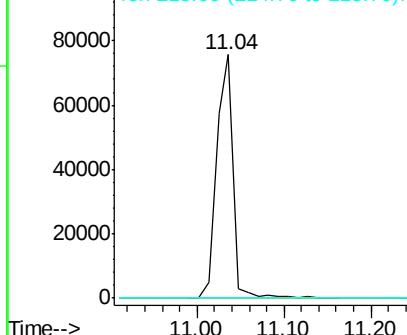


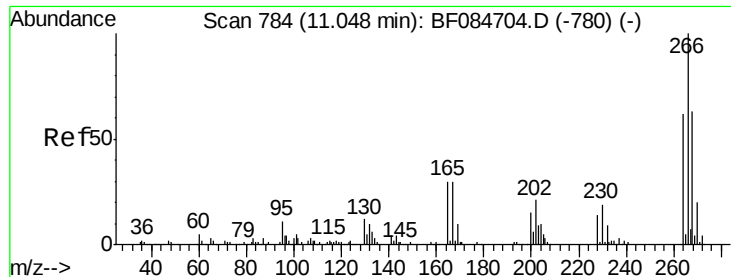
#68
Atrazine
Concen: 15.48 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.08 min
Lab File: BF084750.D
Acq: 2 Feb 2016 15:32

Tgt Ion:200 Resp: 100019
Ion Ratio Lower Upper
200 100
173 0.0 9.5 49.5#
215 0.0 23.8 63.8#



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

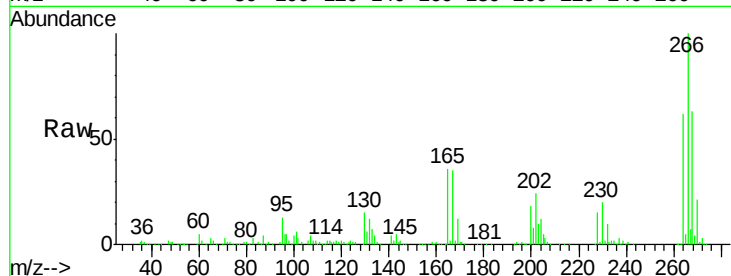




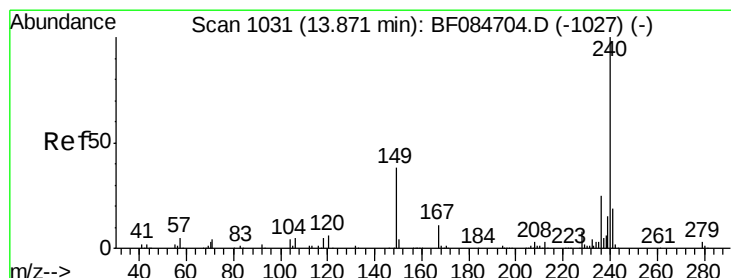
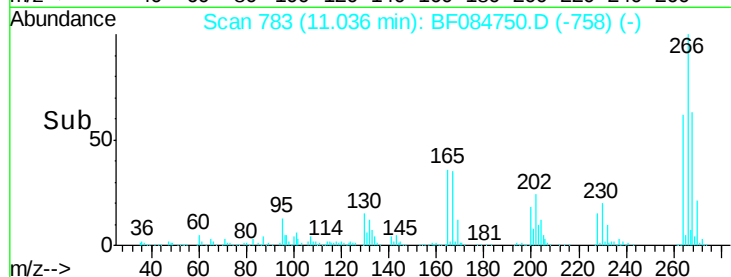
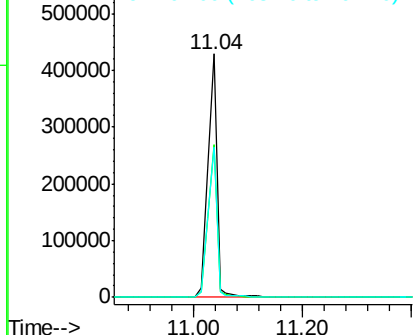
#69
 Pentachlorophenol
 Concen: 135.17 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

Instrument :
 BNA_F
 ClientSampleId :
 9035

Tgt Ion:266 Resp: 492631
 Ion Ratio Lower Upper
 266 100
 268 62.6 52.4 78.6
 264 61.6 50.2 75.2

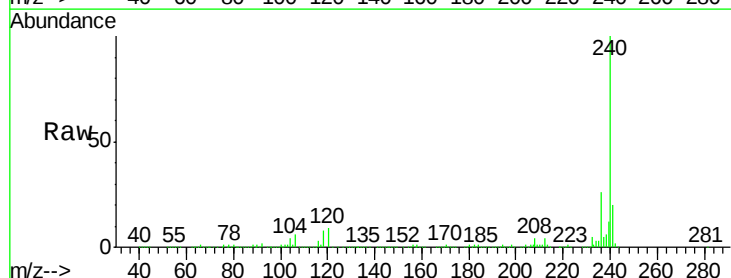


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

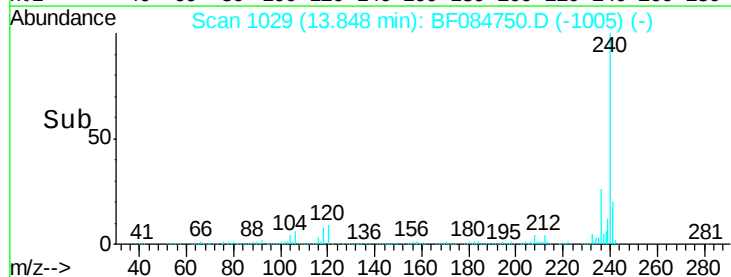
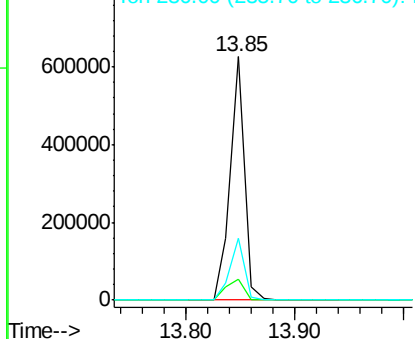


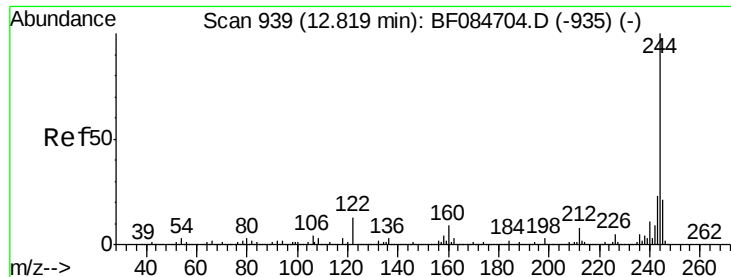
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

Tgt Ion:240 Resp: 571923
 Ion Ratio Lower Upper
 240 100
 120 8.7 9.5 14.3#
 236 25.7 20.6 31.0



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

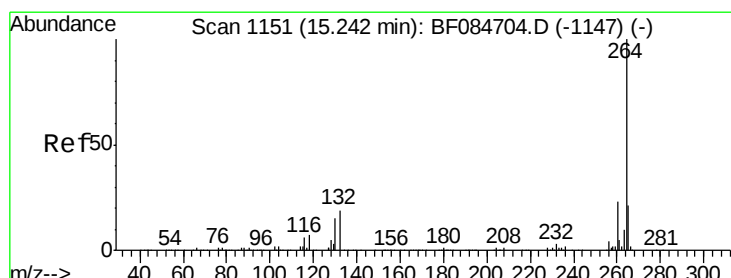
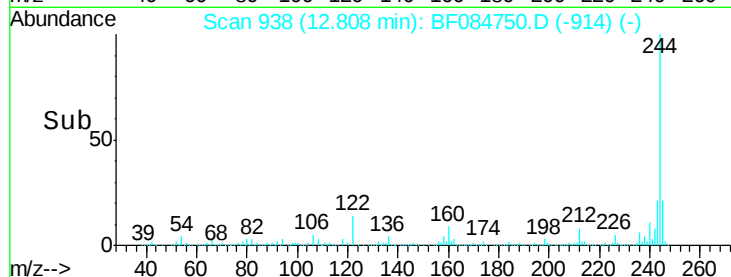
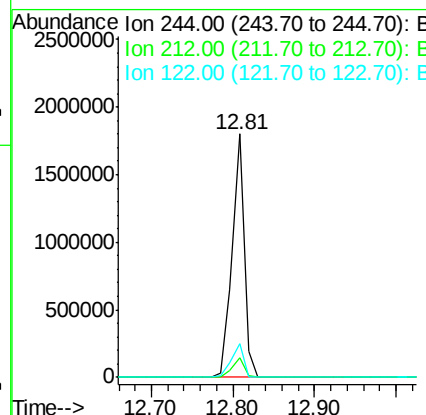
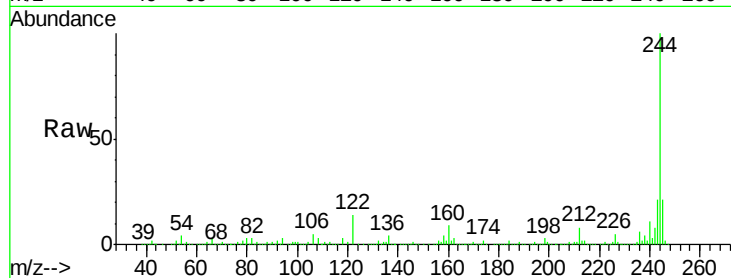




#78
 Terphenyl-d14
 Concen: 73.08 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

Instrument :
 BNA_F
 ClientSampleId :
 9035

Tgt Ion:244 Resp: 1844476
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 14.1 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF084750.D
 Acq: 2 Feb 2016 15:32

Tgt Ion:264 Resp: 443981
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.4 17.8 26.6

