

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077084.D
 Acq On : 27 Jan 2015 11:09
 Operator : TP/IZ
 Sample : G1137-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B3

Quant Time: Jan 27 13:46:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 15:21:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	25200	20.00	ng	0.02
21) Naphthalene-d8	10.71	136	85179	20.00	ng	0.03
38) Acenaphthene-d10	14.80	164	1393	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	3202	20.00	ng	0.00
75) Chrysene-d12	21.17	240	83821	20.00	ng	0.02
86) Perylene-d12	22.79	264	78396	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.80	112	201139	131.23	ng	0.02
7) Phenol-d6	7.20	99	251554	130.10	ng	0.03
23) Nitrobenzene-d5	9.09	82	148635	96.67	ng	0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.28	172	6421	70.15	ng	-0.06
78) Terphenyl-d14	19.92	244	304877	83.74	ng	0.05

Target Compounds

						Qvalue
6) Aniline	7.08	93	6620	2.47	ng	# 1
9) Benzaldehyde	6.80	77	28491	23.89	ng	# 1
10) Phenol	7.24	94	9307	4.53	ng	# 1
15) Benzyl Alcohol	8.17	79	11088	7.09	ng	# 41
17) 2-Methylphenol	8.62	107	5248	3.63	ng	# 1
19) n-Nitroso-di-n-propylamine	8.88	70	15007	11.09	ng	# 53
22) Acetophenone	8.74	105	742050	355.67	ng	# 55
24) Nitrobenzene	9.10	77	118071	75.38	ng	# 21
26) 2-Nitrophenol	9.86	139	1134	3.13	ng	# 1
28) bis(2-Chloroethoxy)methane	10.33	93	7113	4.47	ng	# 1
29) 2,4-Dichlorophenol	10.52	162	14523	12.86	ng	# 1
31) Naphthalene	10.79	128	213806	48.75	ng	# 1
32) Benzoic acid	10.54	122	5157	7.69	ng	# 1
33) 4-Chloroaniline	11.03	127	18141	10.24	ng	# 70
42) 2,4,6-Trichlorophenol	13.11	196	2633	104.93	ng	# 15
43) 2,4,5-Trichlorophenol	13.25	196	2298	89.79	ng	# 1
48) Acenaphthylene	14.46	152	176295	1229.89	ng	# 1
50) 2,6-Dinitrotoluene	14.48	165	8497	430.51	ng	# 1
52) 3-Nitroaniline	14.91	138	2544	96.78	ng	# 77
53) 2,4-Dinitrophenol	15.15	184	942	98.51	ng	# 1
54) Dibenzofuran	15.35	168	55304	466.82	ng	# 50
55) 4-Nitrophenol	15.44	139	27100	1750.05	ng	# 40
57) Fluorene	16.05	166	15747	156.88	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	15.66	232	796	42.72	ng	# 31
59) Diethylphthalate	15.99	149	8346	83.59	ng	# 1
61) 4-Nitroaniline	16.16	138	4512	177.39	ng	# 84
62) Azobenzene	16.48	77	31276	300.65	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.29	198	3442	159.06	ng	# 1
65) n-Nitrosodiphenylamine	16.33	169	168230	1473.47	ng	# 73
66) 4-Bromophenyl-phenylether	17.05	248	2288	70.53	ng	# 1
68) Atrazine	17.39	200	34876	1006.64	ng	# 57
69) Pentachlorophenol	17.33	266	6346	376.63	ng	# 29
70) Phenanthrene	17.64	178	53030	265.57	ng	# 1
71) Anthracene	17.76	178	1084168	5567.80	ng	# 92

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077084.D
Acq On : 27 Jan 2015 11:09
Operator : TP/IZ
Sample : G1137-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
104B3

Quant Time: Jan 27 13:46:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 23 15:21:24 2015
Response via : Initial Calibration

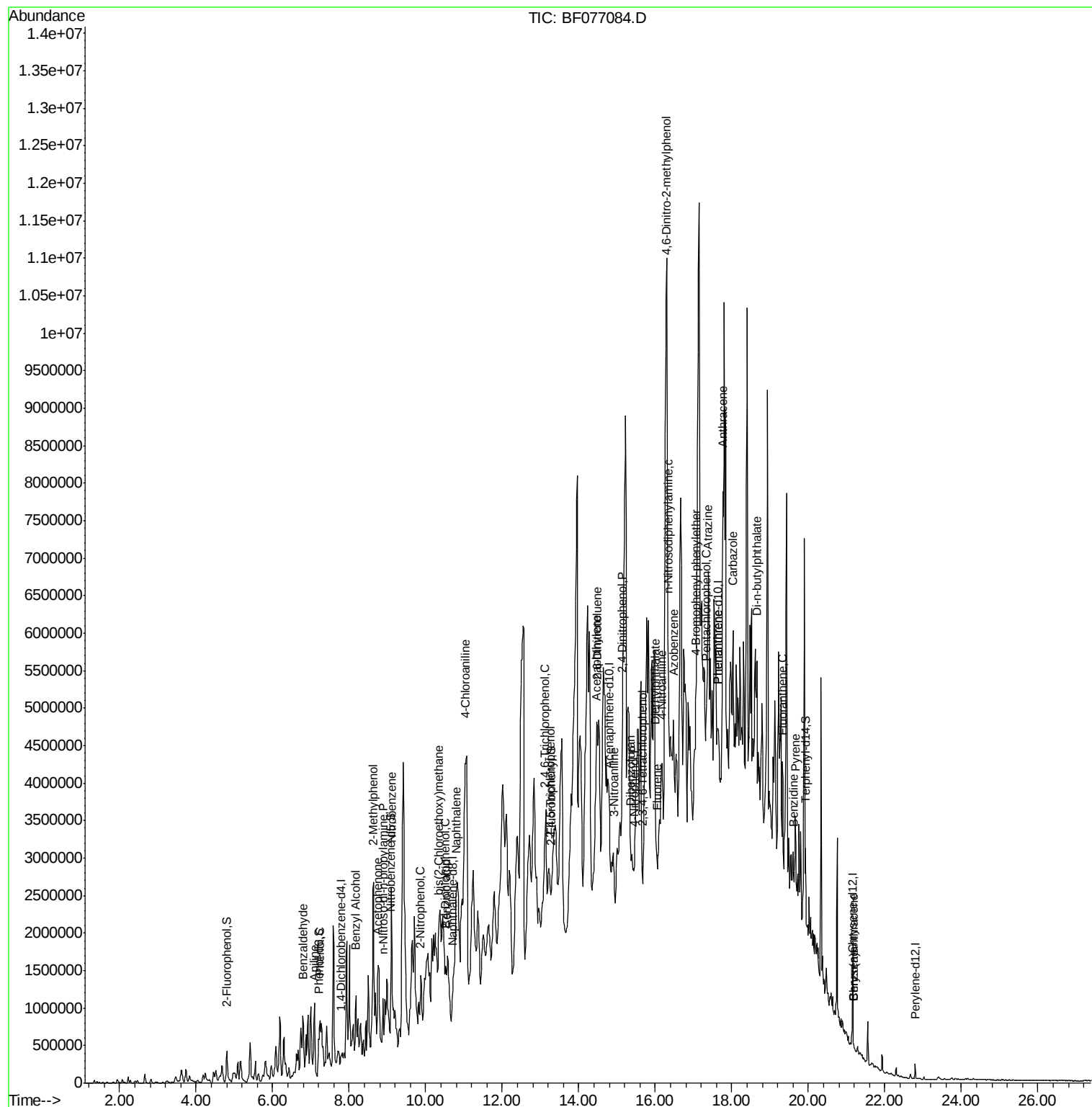
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Carbazole	18.03	167	24157	127.91	ng	# 1
73) Di-n-butylphthalate	18.65	149	9157	41.89	ng	# 1
74) Fluoranthene	19.33	202	57369	280.38	ng	# 1
76) Benzidine	19.61	184	5986	2.23	ng	# 1
77) Pyrene	19.66	202	325424	56.65	ng	# 79
80) Benzo(a)anthracene	21.19	228	32165	6.12	ng	# 33
82) Chrysene	21.19	228	26688	5.56	ng	# 37

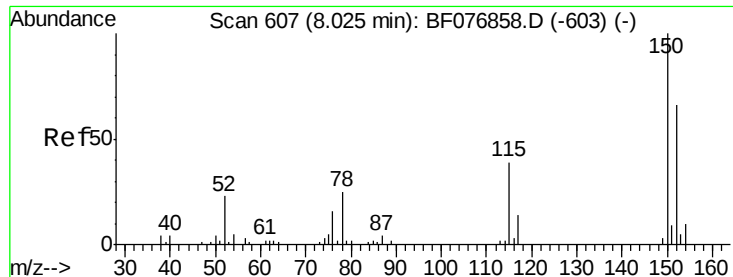
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077084.D
Acq On : 27 Jan 2015 11:09
Operator : TP/IZ
Sample : G1137-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
104B3

Quant Time: Jan 27 13:46:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 23 15:21:24 2015
Response via : Initial Calibration



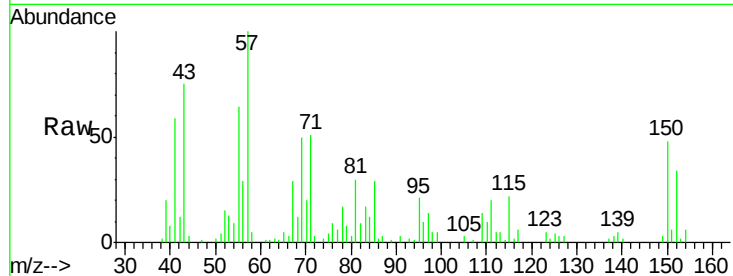


#1

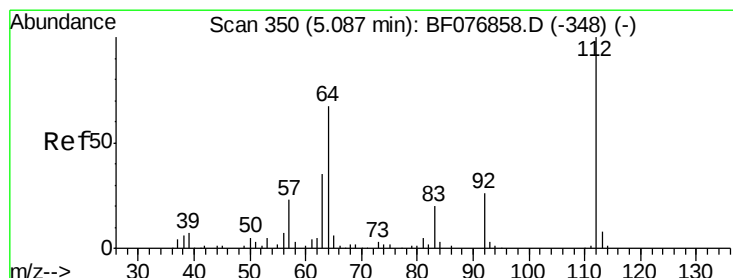
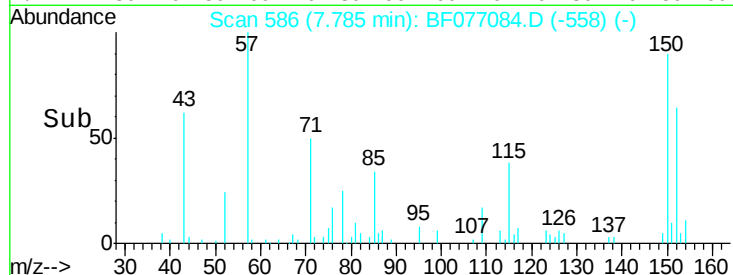
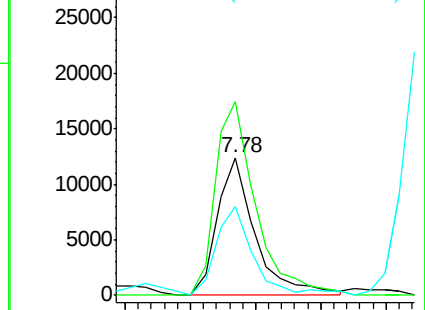
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

Instrument :
BNA_F
ClientSampleId :
104B3

Tgt Ion:152 Resp: 25200
Ion Ratio Lower Upper
152 100
150 140.5 121.7 182.5
115 64.3 47.0 70.6



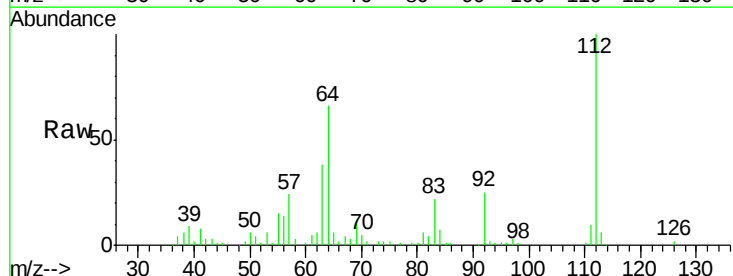
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



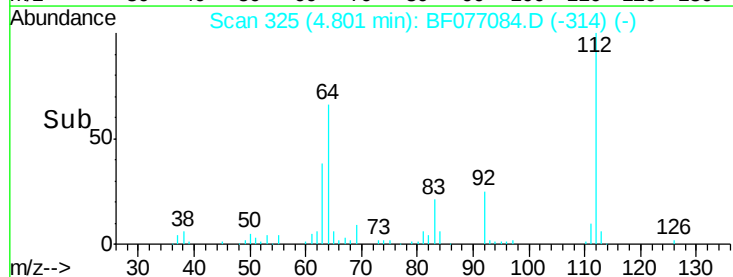
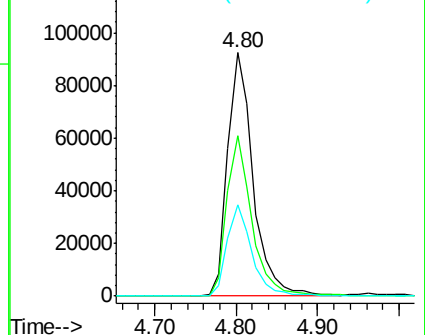
#5

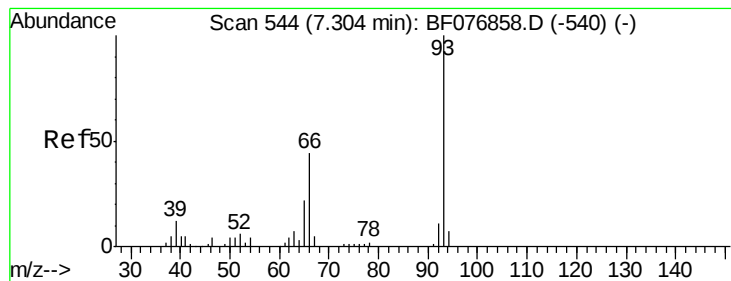
2-Fluorophenol
Concen: 131.23 ng
RT: 4.80 min Scan# 325
Delta R.T. 0.02 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

Tgt Ion:112 Resp: 201139
Ion Ratio Lower Upper
112 100
64 66.1 54.2 81.4
63 37.5 28.4 42.6



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: 2.47 ng

RT: 7.08 min Scan# 524

Delta R.T. 0.03 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

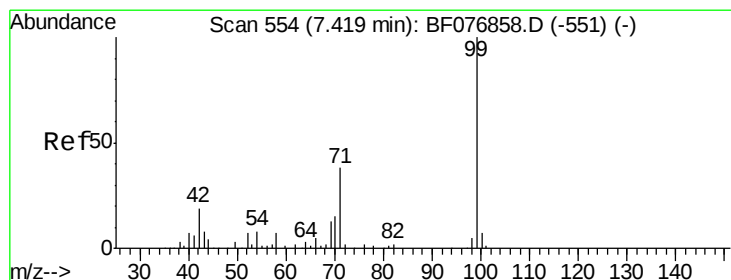
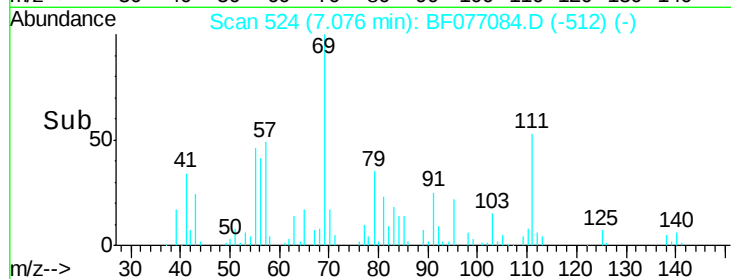
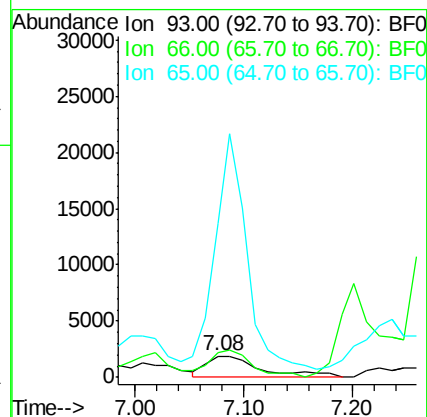
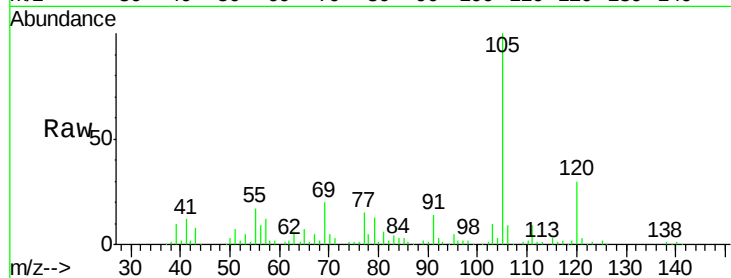
Tgt Ion: 93 Resp: 6620

Ion Ratio Lower Upper

93 100

66 116.0 35.0 52.4#

65 727.8 17.7 26.5#



#7

Phenol-d6

Concen: 130.10 ng

RT: 7.20 min Scan# 535

Delta R.T. 0.03 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

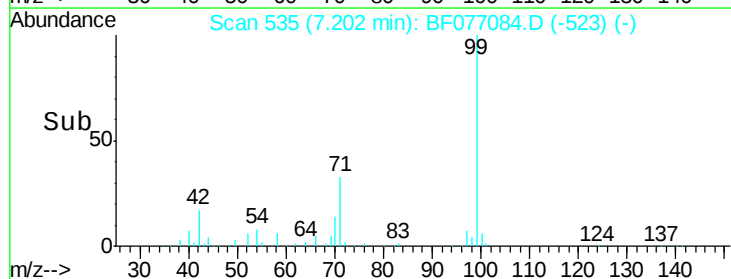
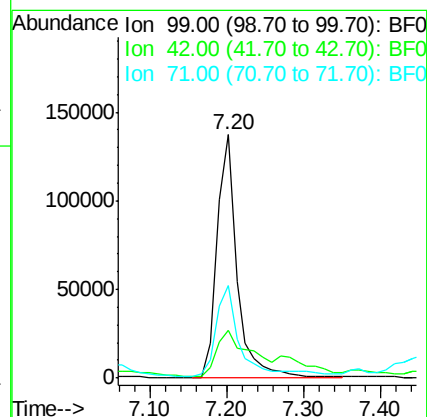
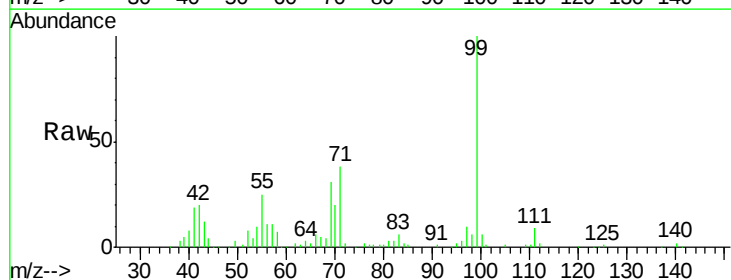
Tgt Ion: 99 Resp: 251554

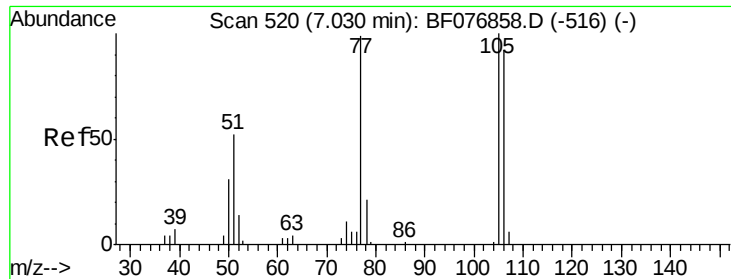
Ion Ratio Lower Upper

99 100

42 19.8 15.0 22.4

71 38.0 30.5 45.7





#9

Benzaldehyde

Concen: 23.89 ng

RT: 6.80 min Scan# 500

Delta R.T. 0.03 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

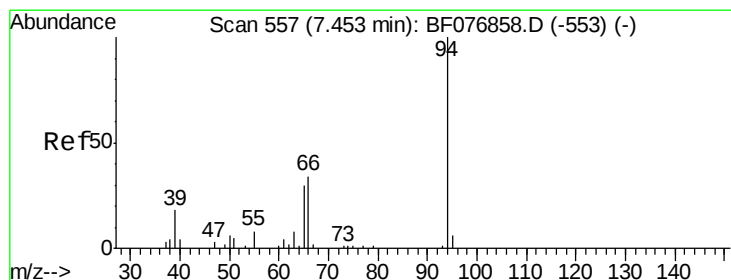
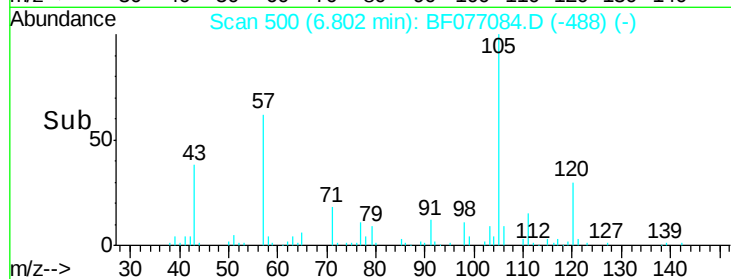
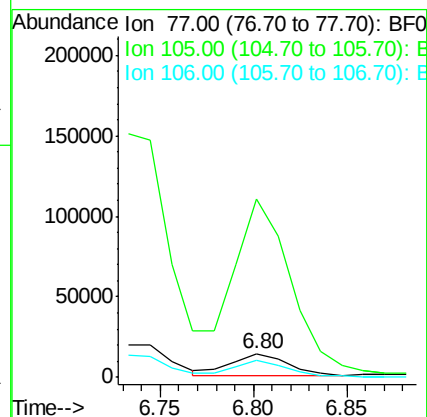
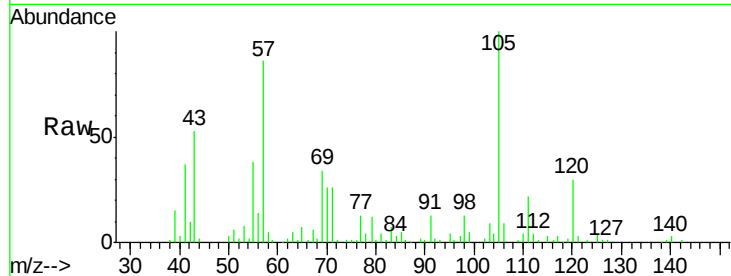
Tgt Ion: 77 Resp: 28491

Ion Ratio Lower Upper

77 100

105 762.7 81.4 121.4#

106 70.4 72.8 112.8#



#10

Phenol

Concen: 4.53 ng

RT: 7.24 min Scan# 538

Delta R.T. 0.03 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

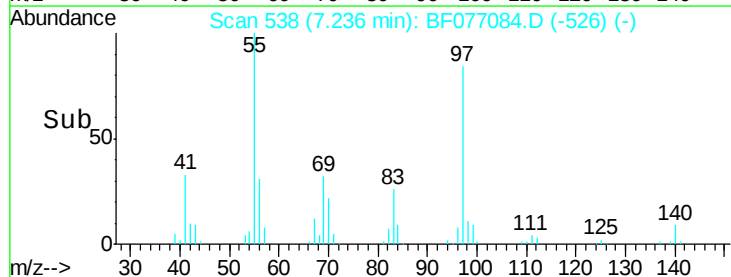
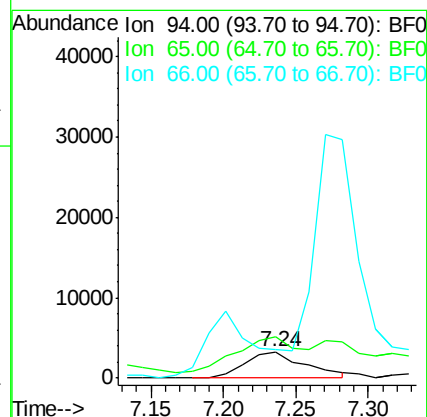
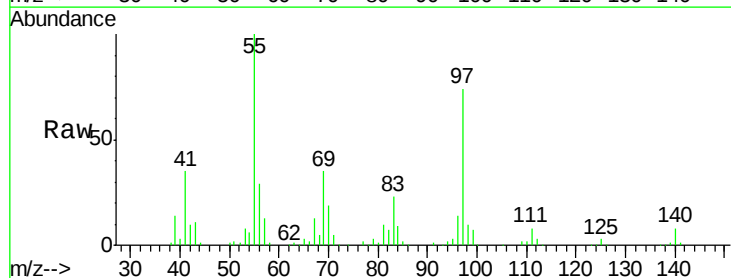
Tgt Ion: 94 Resp: 9307

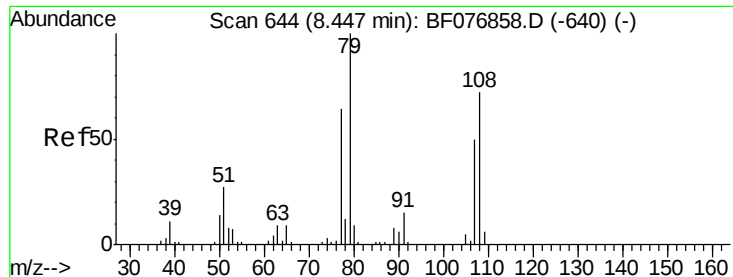
Ion Ratio Lower Upper

94 100

65 157.7 11.3 51.3#

66 111.5 19.5 59.5#





#15

Benzyl Alcohol

Concen: 7.09 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.03 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

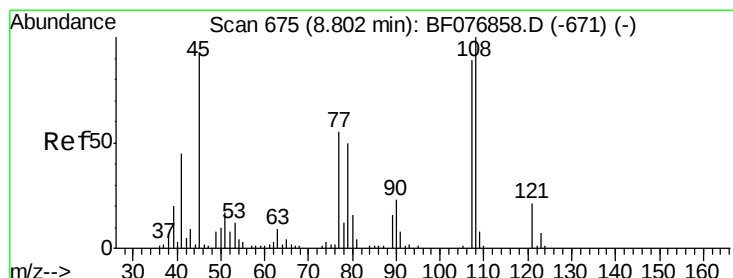
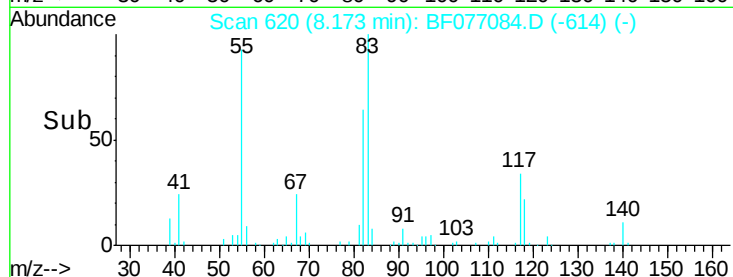
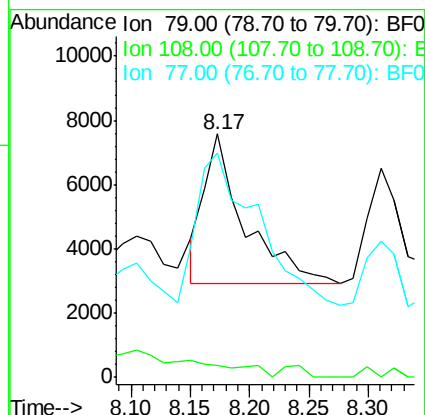
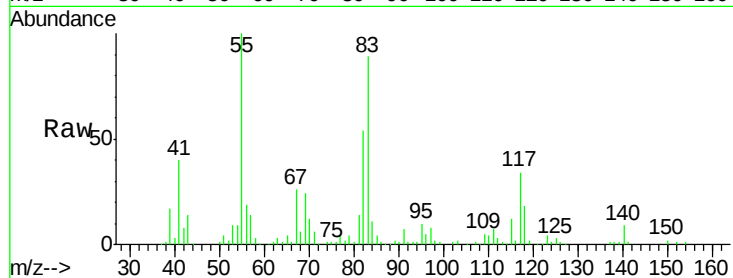
Tgt Ion: 79 Resp: 11088

Ion Ratio Lower Upper

79 100

108 5.1 57.2 85.8#

77 92.4 51.2 76.8#



#17

2-Methylphenol

Concen: 3.63 ng

RT: 8.62 min Scan# 659

Delta R.T. 0.06 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Tgt Ion: 107 Resp: 5248

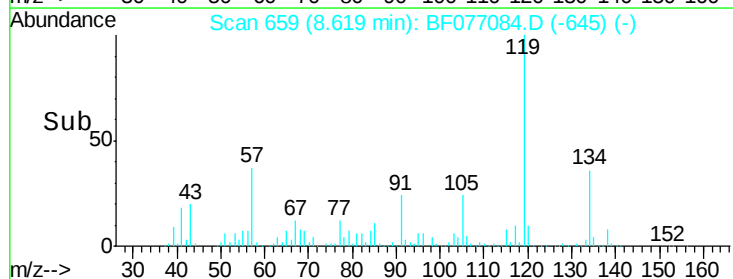
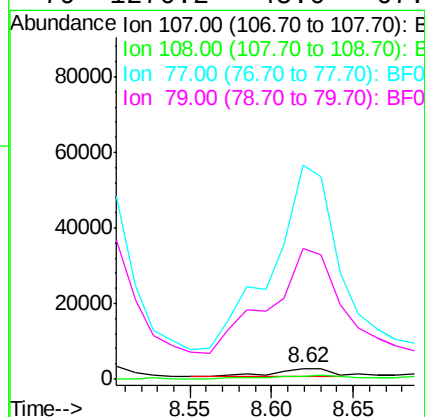
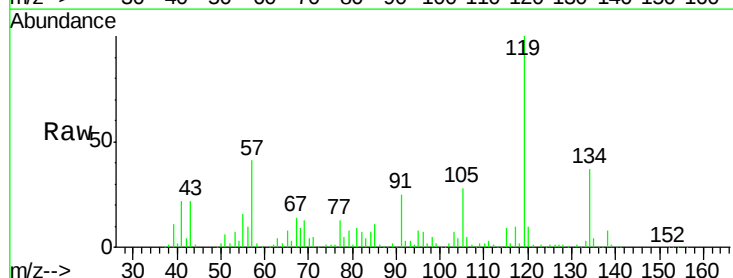
Ion Ratio Lower Upper

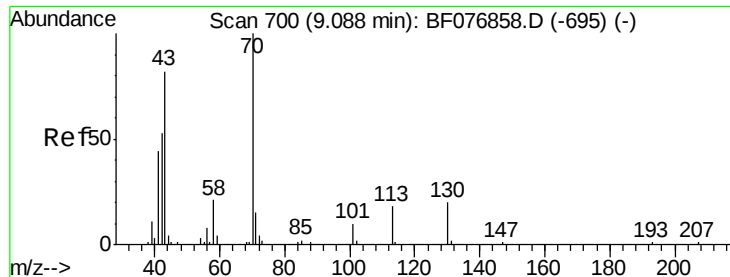
107 100

108 25.6 89.7 134.5#

77 2086.1 50.1 75.1#

79 1270.2 45.0 67.6#





#19

n-Nitroso-di-n-propylamine

Concen: 11.09 ng

RT: 8.88 min Scan# 682

Delta R.T. 0.03 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

Tgt Ion: 70 Resp: 15007

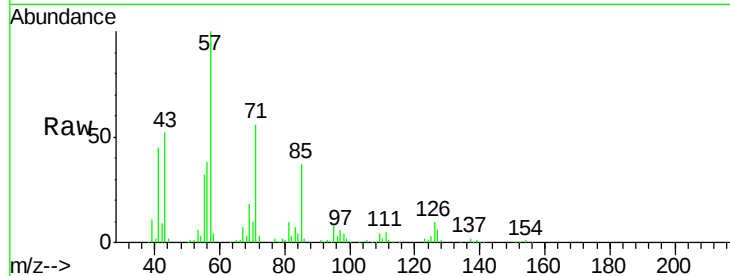
Ion Ratio Lower Upper

70 100

42 89.3 42.1 63.1#

101 0.0 7.8 11.8#

130 0.0 16.2 24.4#

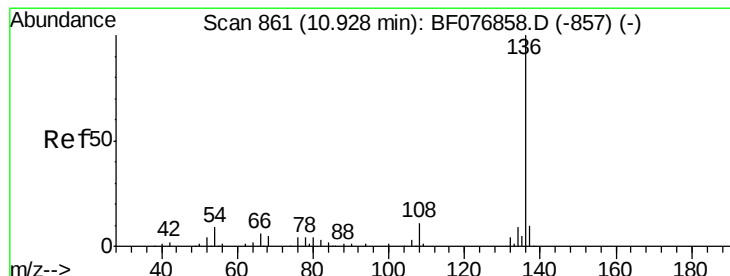
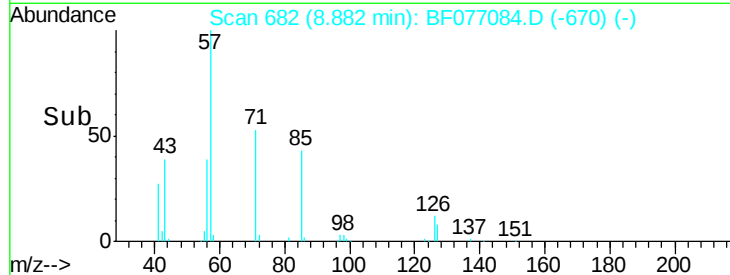
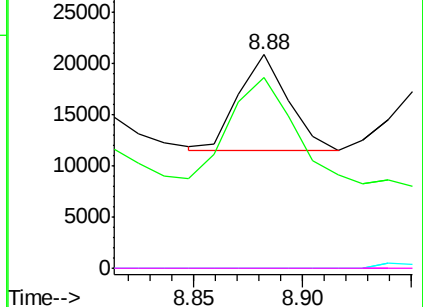


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.71 min Scan# 842

Delta R.T. 0.03 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Tgt Ion: 136 Resp: 85179

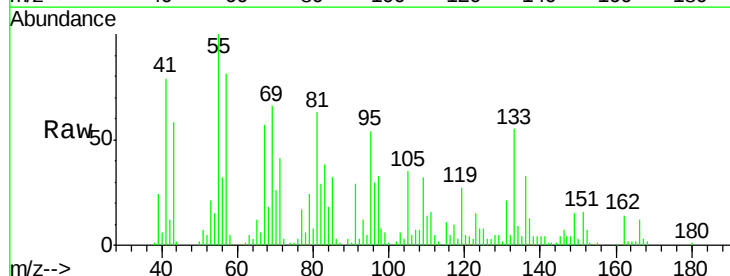
Ion Ratio Lower Upper

136 100

137 38.3 8.1 12.1#

54 43.7 7.0 10.4#

68 55.1 3.7 5.5#

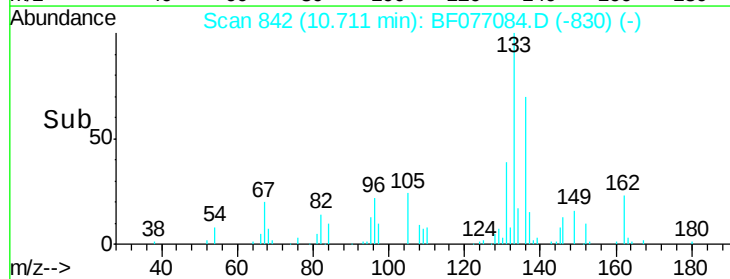
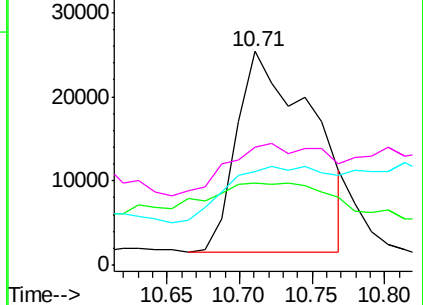


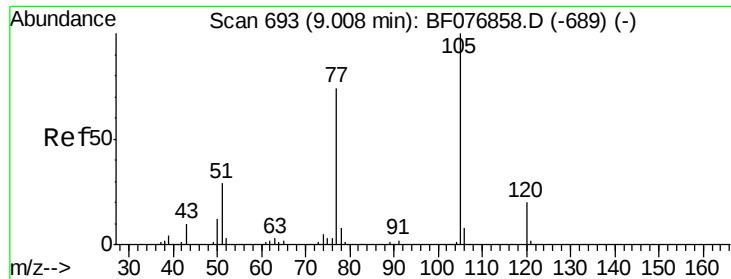
Abundance Ion 136.00 (135.70 to 136.70): E

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

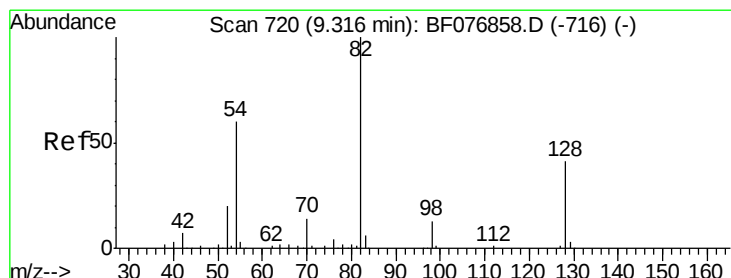
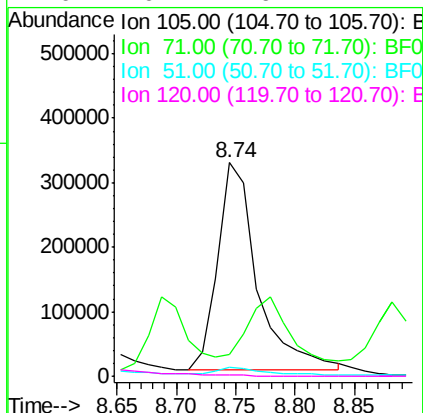
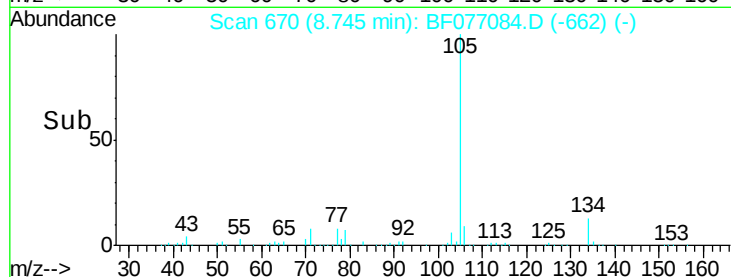
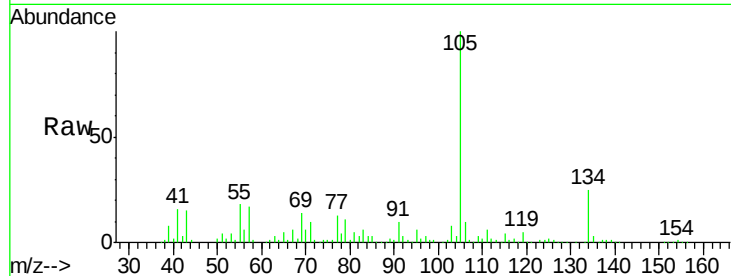




#22
Acetophenone
Concen: 355.67 ng
RT: 8.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

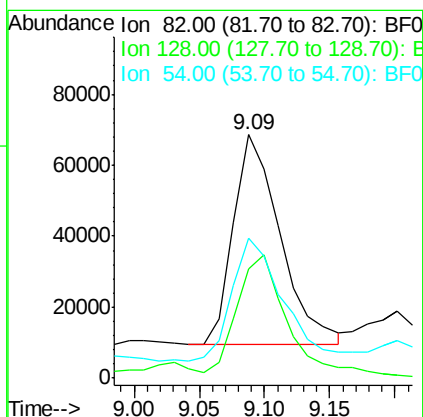
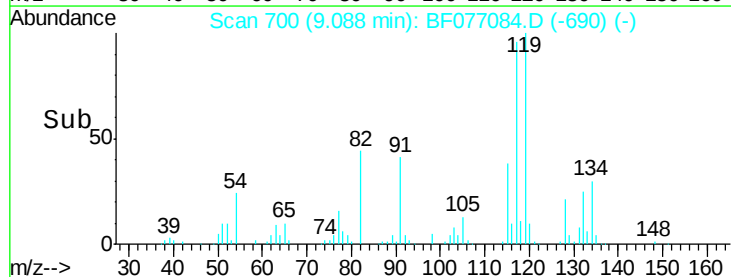
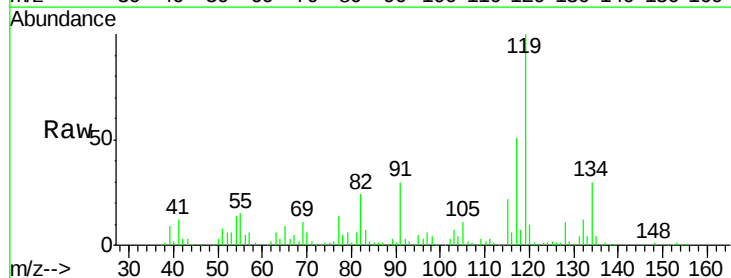
Instrument :
BNA_F
ClientSampleId :
104B3

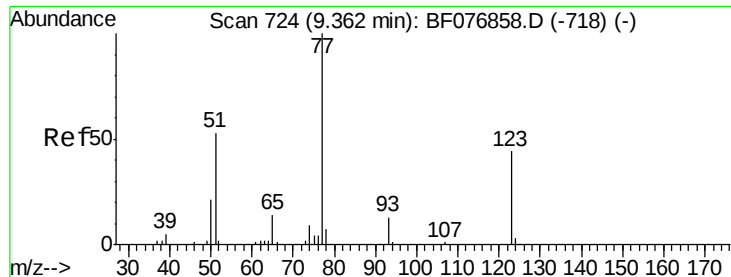
Tgt Ion: 105 Resp: 742050
Ion Ratio Lower Upper
105 100
71 10.4 0.0 0.0#
51 4.5 23.3 34.9#
120 0.4 16.1 24.1#



#23
Nitrobenzene-d5
Concen: 96.67 ng
RT: 9.09 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

Tgt Ion: 82 Resp: 148635
Ion Ratio Lower Upper
82 100
128 44.8 33.1 49.7
54 57.5 48.3 72.5

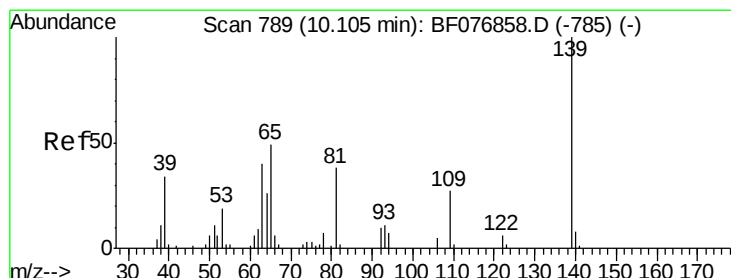
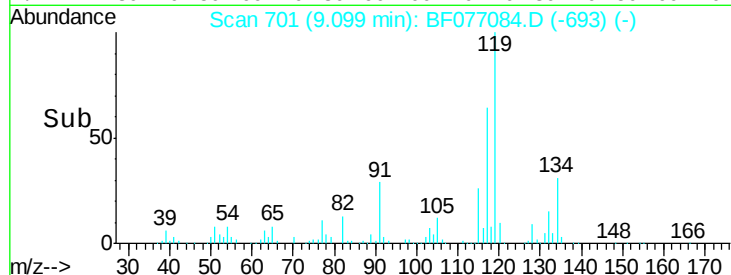
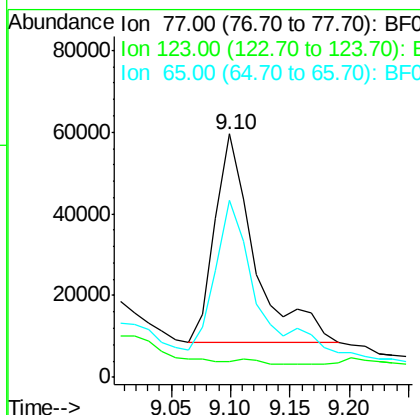
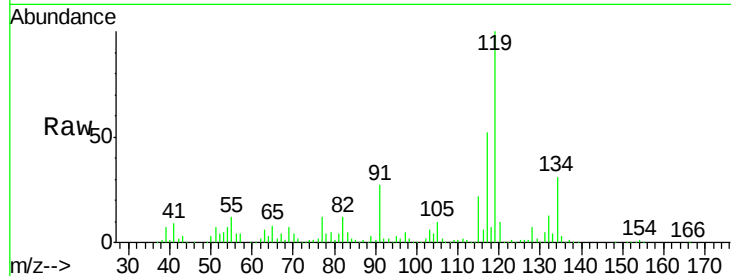




#24
Nitrobenzene
Concen: 75.38 ng
RT: 9.10 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

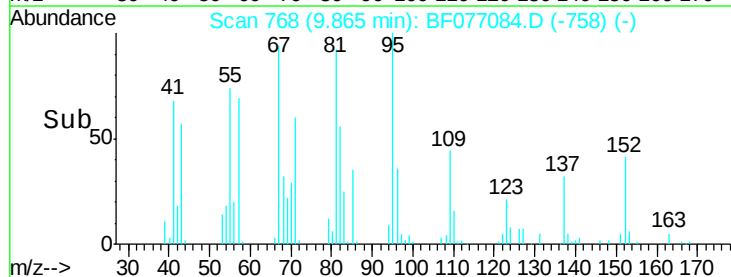
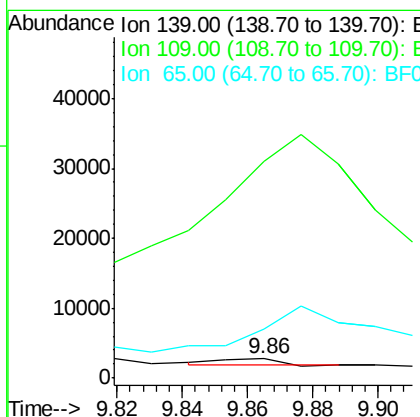
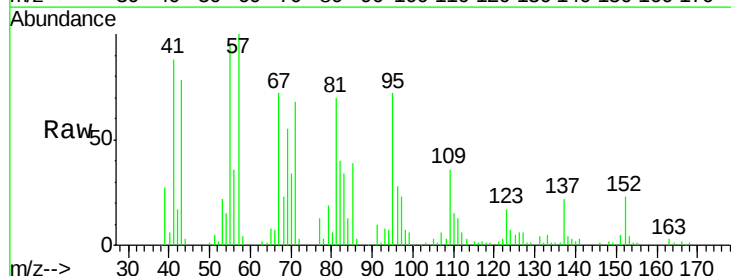
Instrument :
BNA_F
ClientSampleId :
104B3

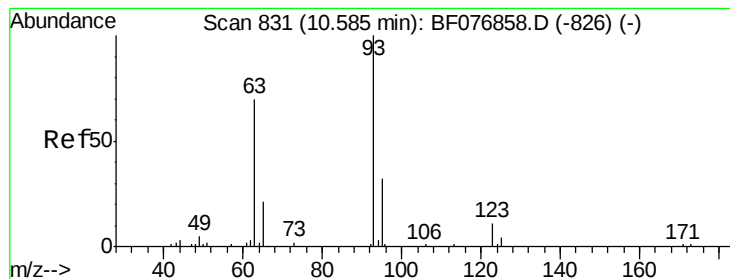
Tgt Ion: 77 Resp: 118071
Ion Ratio Lower Upper
77 100
123 6.7 35.2 52.8#
65 72.7 11.4 17.2#



#26
2-Nitrophenol
Concen: 3.13 ng
RT: 9.86 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

Tgt Ion: 139 Resp: 1134
Ion Ratio Lower Upper
139 100
109 1133.1 21.3 31.9#
65 254.7 39.4 59.0#





#28

bis(2-Chloroethoxy)methane

Concen: 4.47 ng

RT: 10.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

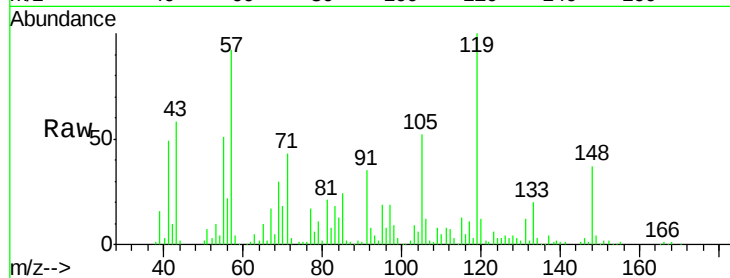
Tgt Ion: 93 Resp: 7113

Ion Ratio Lower Upper

93 100

95 427.6 25.6 38.4#

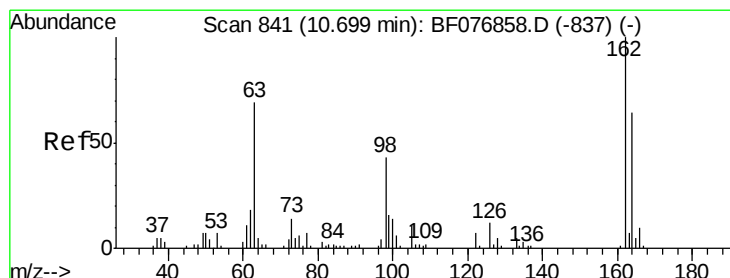
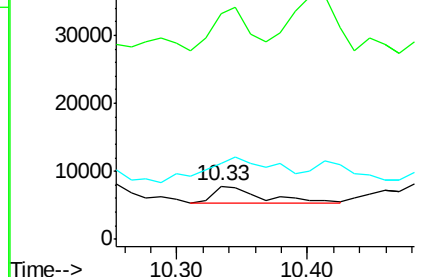
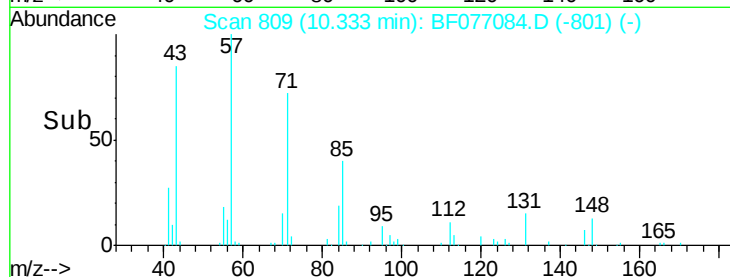
123 143.3 8.9 13.3#



Abundance Ion 93.00 (92.70 to 93.70): BF077084.D (-801) (-)

Ion 95.00 (94.70 to 95.70): BF077084.D (-801) (-)

Ion 123.00 (122.70 to 123.70): BF077084.D (-801) (-)



#29

2,4-Dichlorophenol

Concen: 12.86 ng

RT: 10.52 min Scan# 825

Delta R.T. 0.06 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

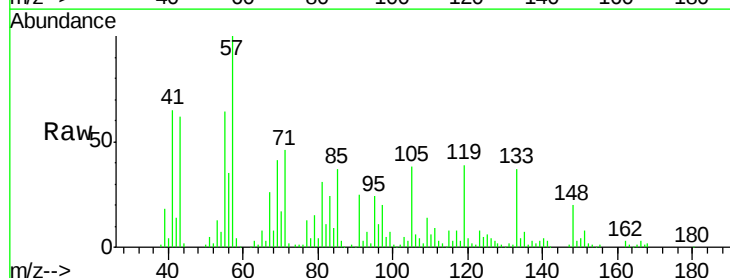
Tgt Ion: 162 Resp: 14523

Ion Ratio Lower Upper

162 100

164 12.1 43.8 83.8#

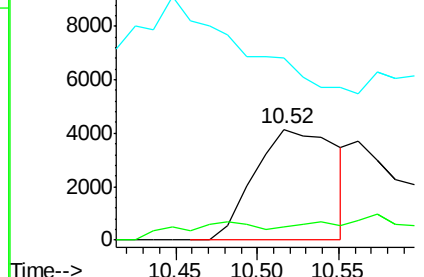
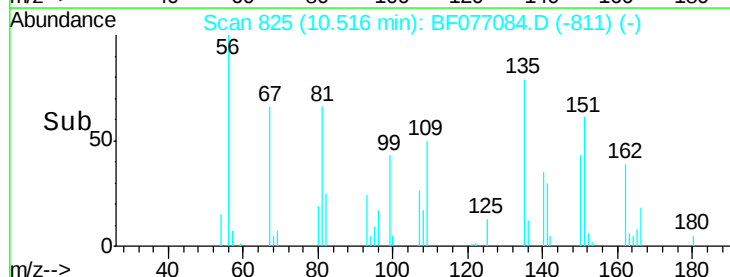
98 164.4 22.5 62.5#

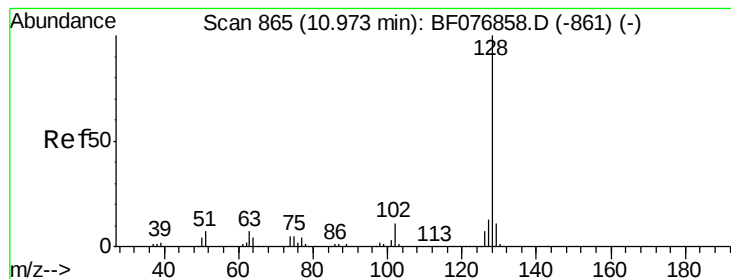


Abundance Ion 162.00 (161.70 to 162.70): BF077084.D (-811) (-)

Ion 164.00 (163.70 to 164.70): BF077084.D (-811) (-)

Ion 98.00 (97.70 to 98.70): BF077084.D (-811) (-)





#31

Naphthalene

Concen: 48.75 ng

RT: 10.79 min Scan# 849

Delta R.T. 0.07 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

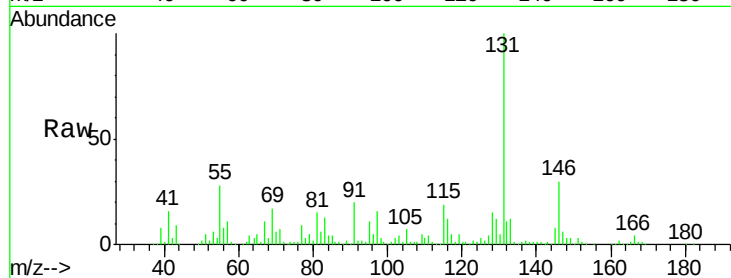
Tgt Ion:128 Resp: 213806

Ion Ratio Lower Upper

128 100

129 84.1 9.0 13.6#

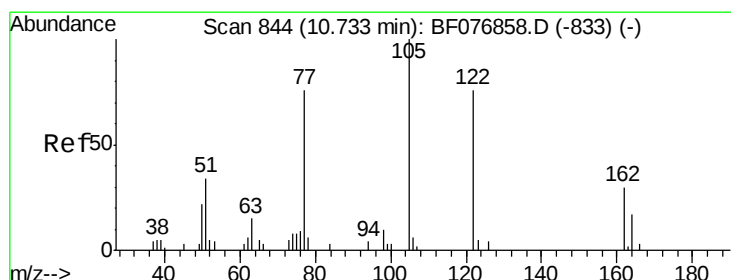
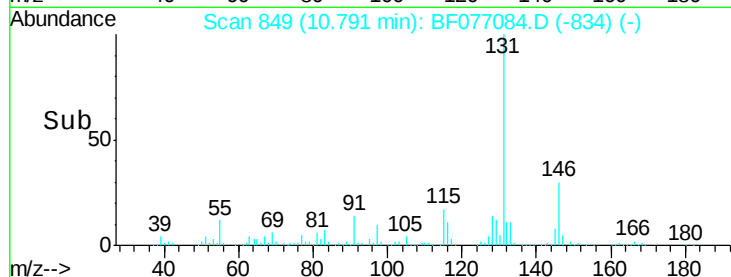
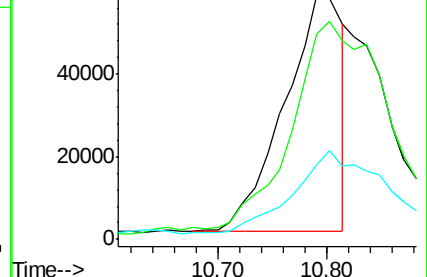
127 30.4 10.2 15.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.69 ng

RT: 10.54 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

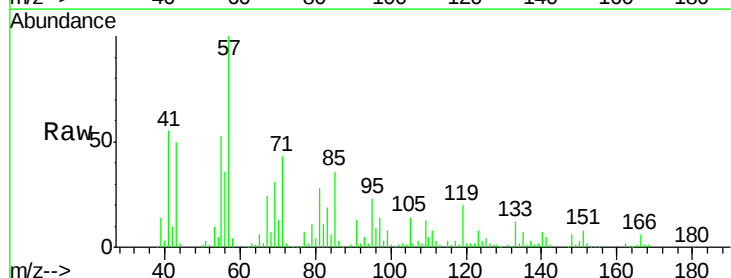
Tgt Ion:122 Resp: 5157

Ion Ratio Lower Upper

122 100

105 822.6 111.3 151.3#

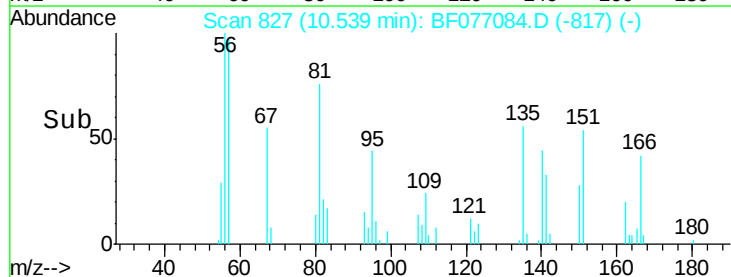
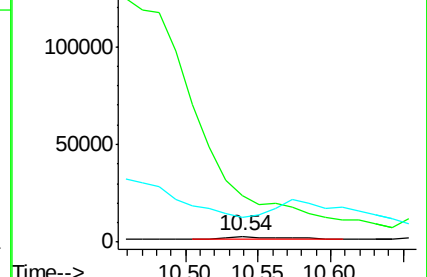
77 439.6 79.2 119.2#

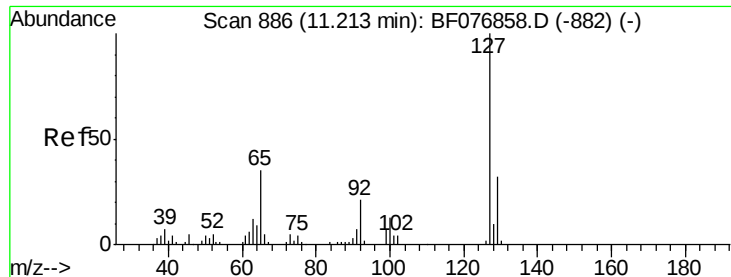


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

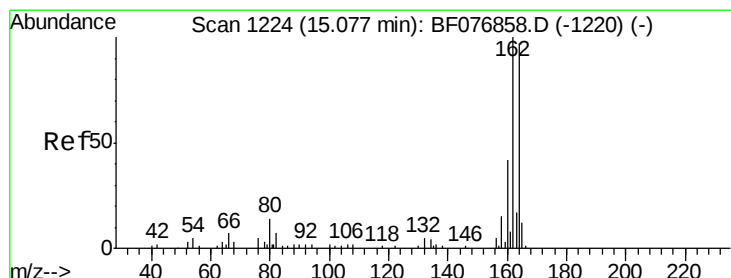
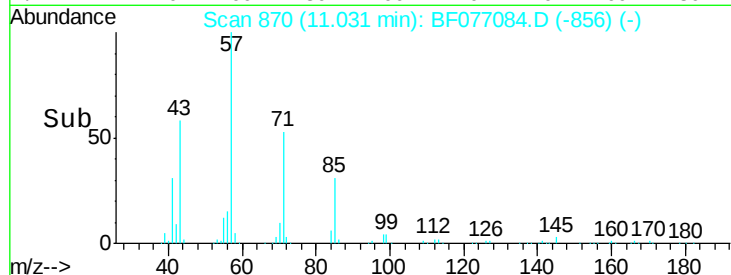
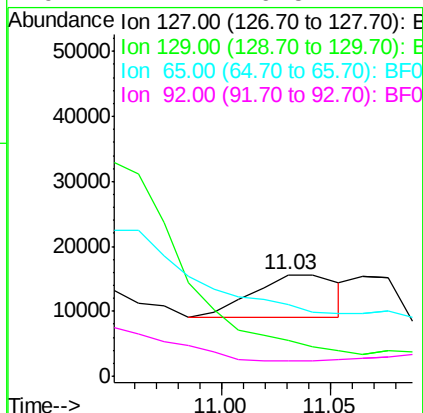
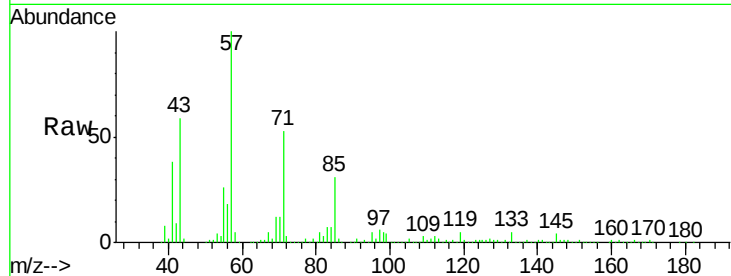




#33
4-Chloroaniline
Concen: 10.24 ng
RT: 11.03 min Scan# 870
Delta R.T. 0.06 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

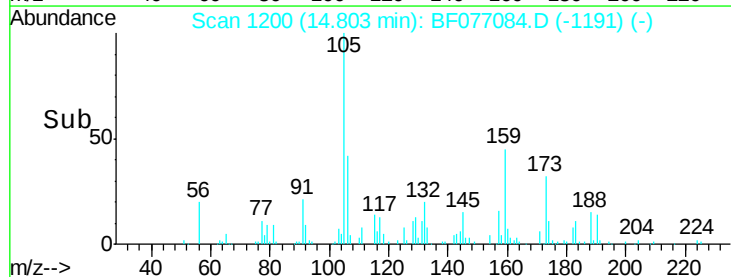
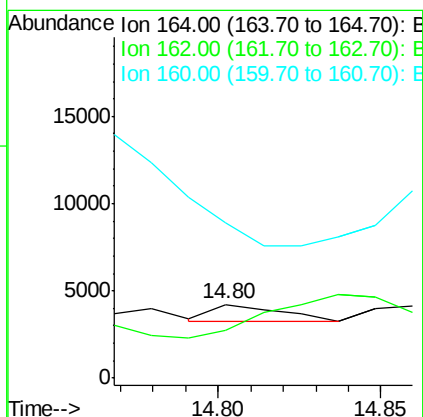
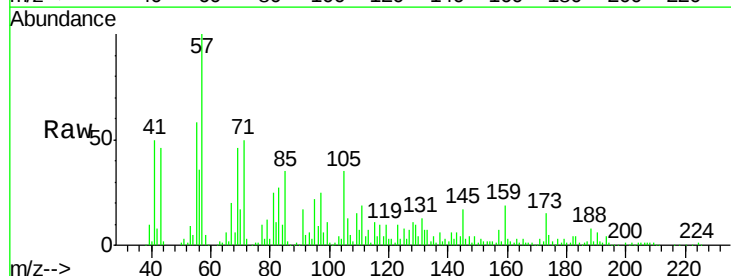
Instrument :
BNA_F
ClientSampleId :
104B3

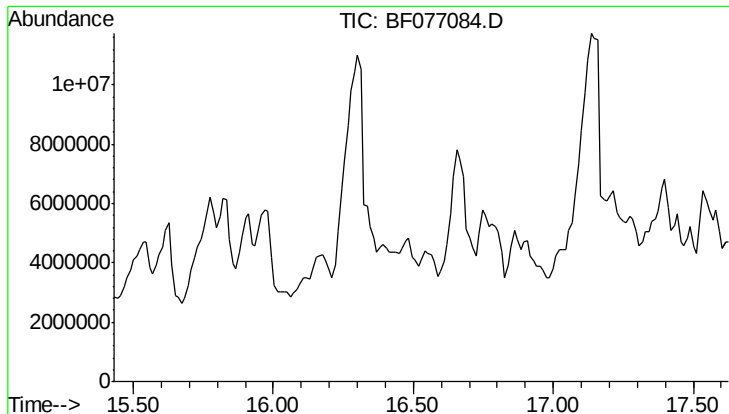
Tgt Ion:127 Resp: 18141
Ion Ratio Lower Upper
127 100
129 34.7 25.3 37.9
65 71.1 27.8 41.6#
92 14.7 16.5 24.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

Tgt Ion:164 Resp: 1393
Ion Ratio Lower Upper
164 100
162 65.4 82.4 123.6#
160 209.5 34.8 52.2#





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 16.53 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

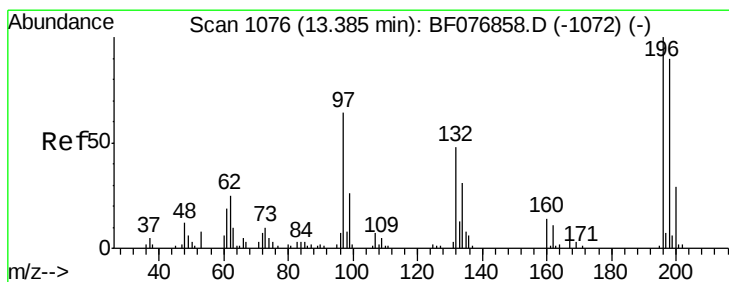
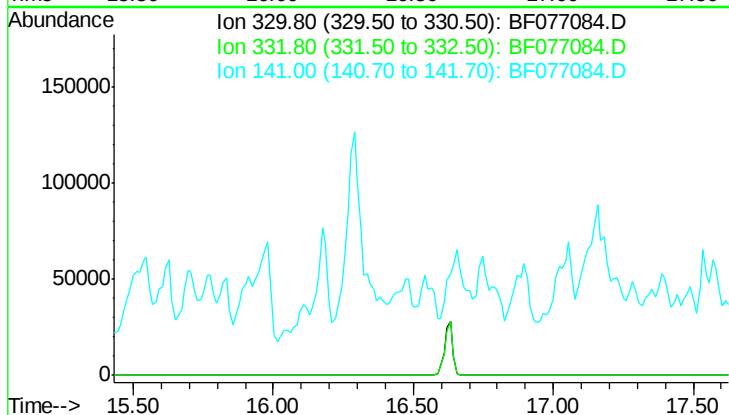
Tgt Ion: 330

Sig Exp Ratio

330 100

332 97.2

141 48.1



#42

2,4,6-Trichlorophenol

Concen: 104.93 ng

RT: 13.11 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

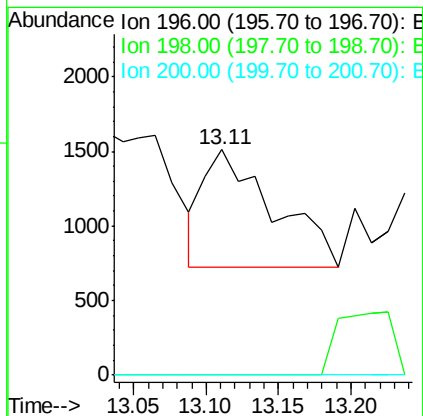
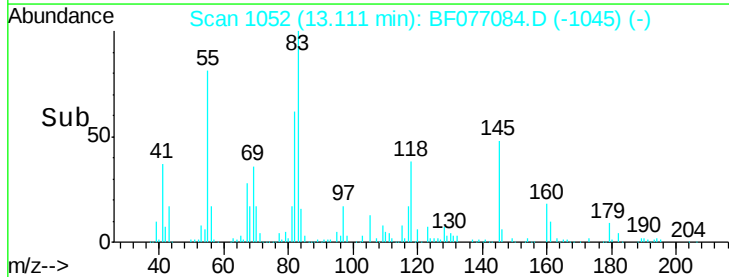
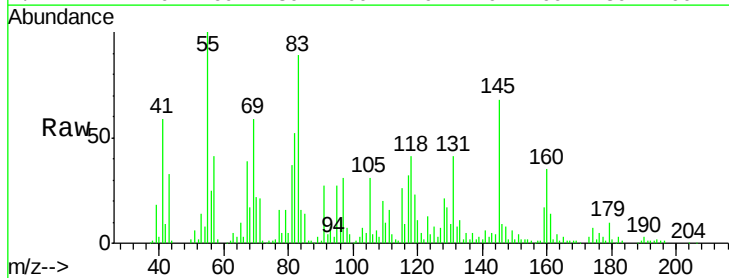
Tgt Ion:196 Resp: 2633

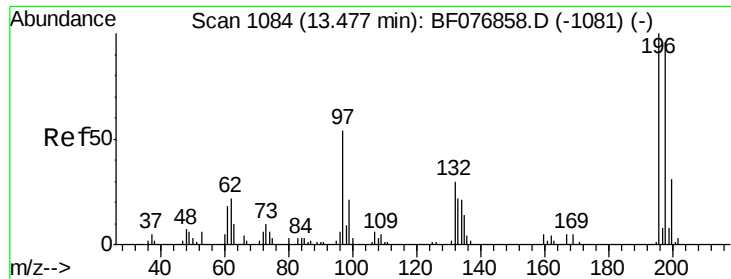
Ion Ratio Lower Upper

196 100

198 0.0 72.0 108.0#

200 0.0 23.4 35.2#

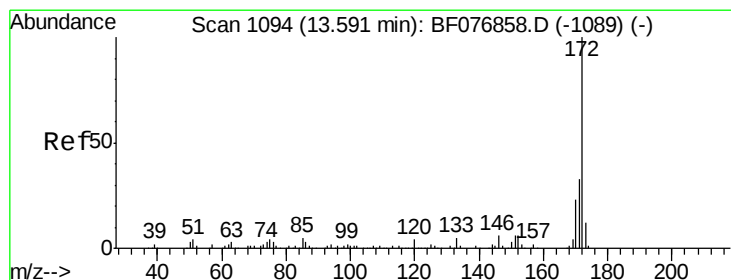
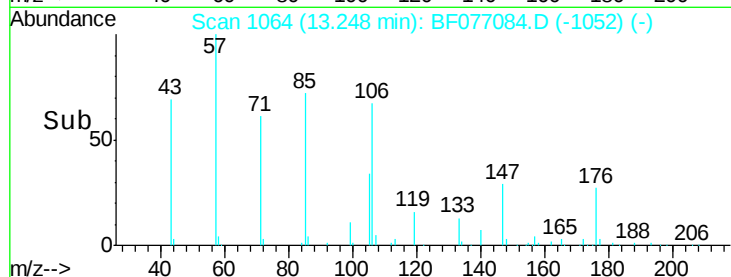
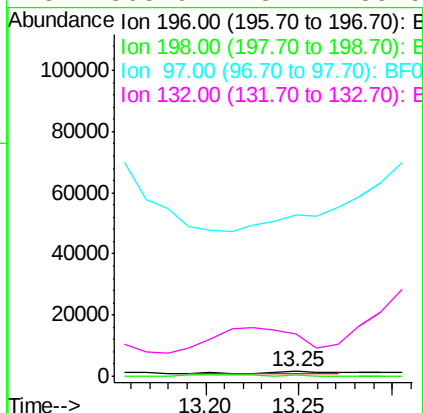
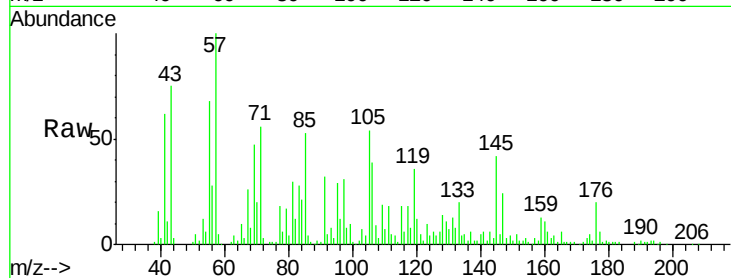




#43
 2,4,5-Trichlorophenol
 Concen: 89.79 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. 0.03 min
 Lab File: BF077084.D
 Acq: 27 Jan 2015 11:09

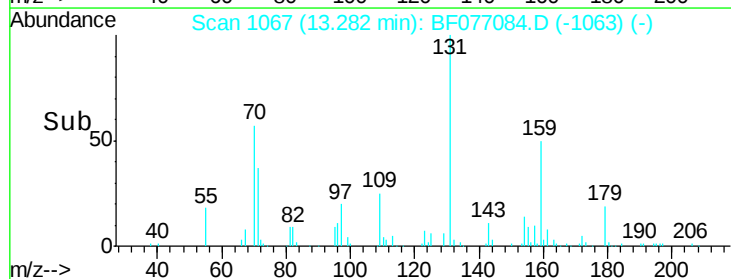
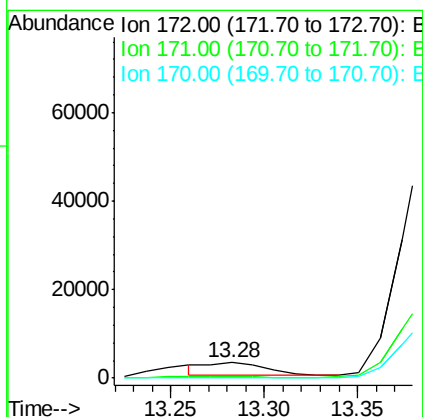
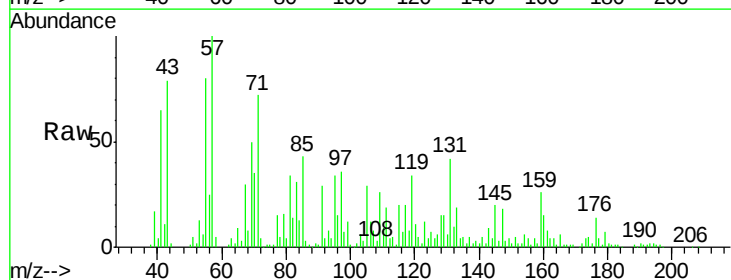
Instrument :
 BNA_F
 ClientSampleId :
 104B3

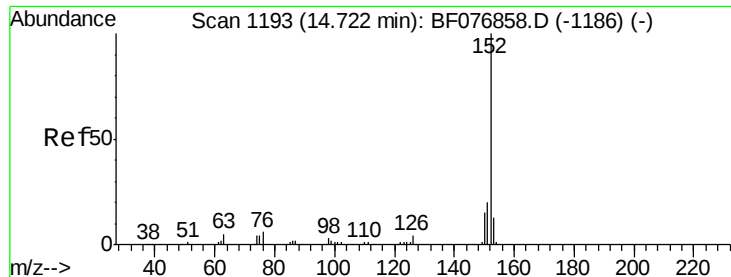
Tgt Ion:196 Resp: 2298
 Ion Ratio Lower Upper
 196 100
 198 20.0 76.6 115.0#
 97 3346.1 43.4 65.0#
 132 863.9 23.7 35.5#



#44
 2-Fluorobiphenyl
 Concen: 70.15 ng
 RT: 13.28 min Scan# 1067
 Delta R.T. -0.06 min
 Lab File: BF077084.D
 Acq: 27 Jan 2015 11:09

Tgt Ion:172 Resp: 6421
 Ion Ratio Lower Upper
 172 100
 171 11.6 26.6 40.0#
 170 0.0 18.0 27.0#





#48

Acenaphthylene

Concen: 1229.89 ng

RT: 14.46 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

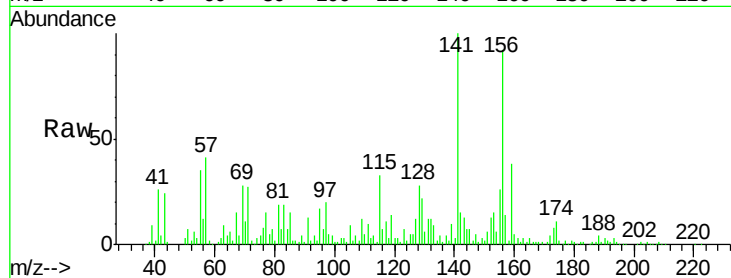
Tgt Ion:152 Resp: 176295

Ion Ratio Lower Upper

152 100

151 48.6 15.9 23.9#

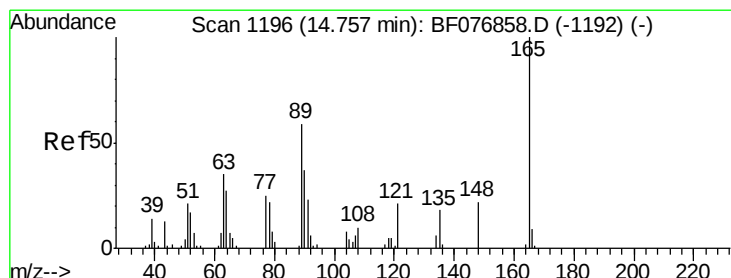
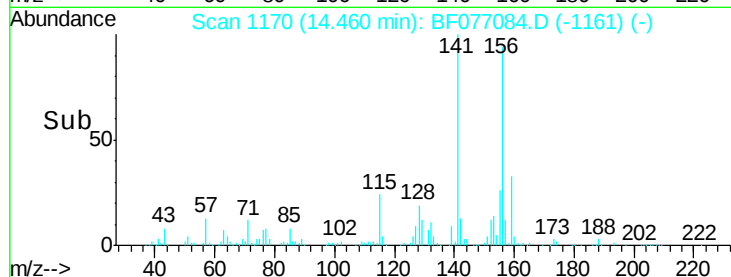
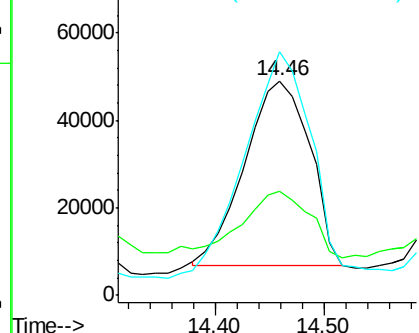
153 113.6 10.2 15.4#



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



#50

2,6-Dinitrotoluene

Concen: 430.51 ng

RT: 14.48 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

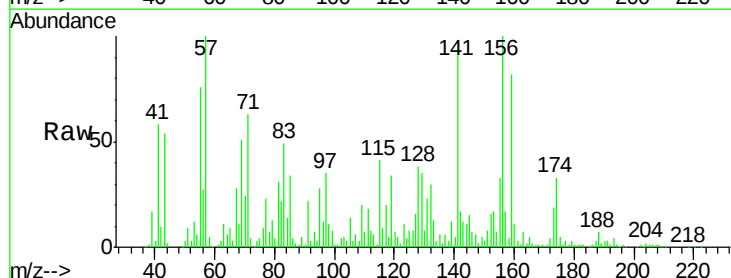
Tgt Ion:165 Resp: 8497

Ion Ratio Lower Upper

165 100

63 218.0 48.1 72.1#

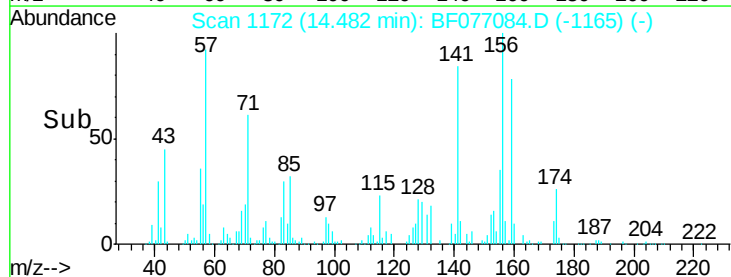
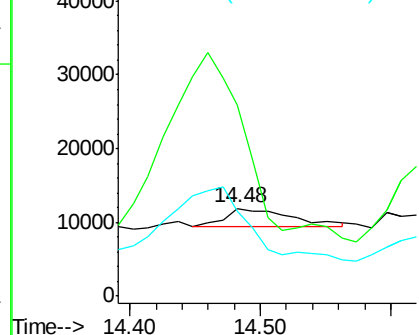
89 96.0 47.2 70.8#

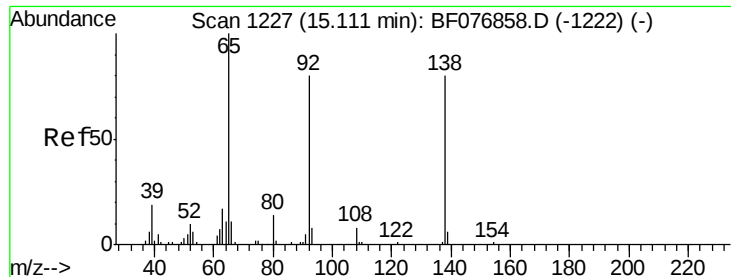


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

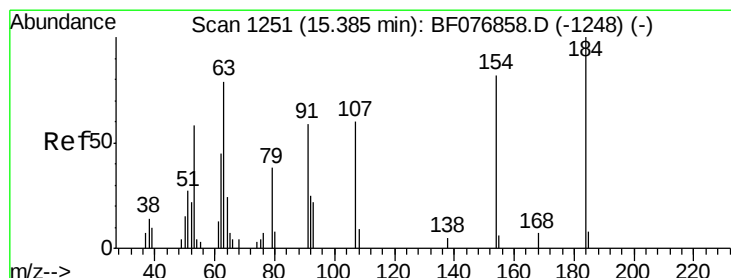
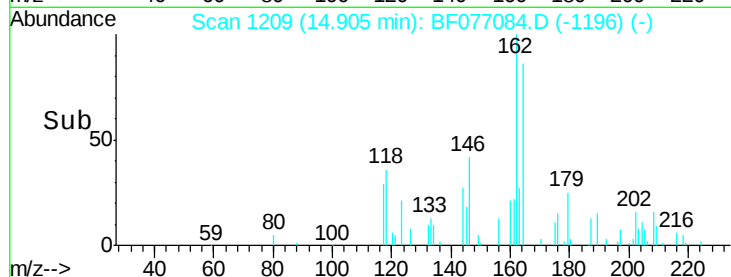
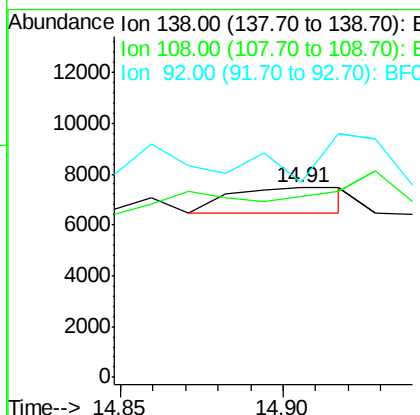
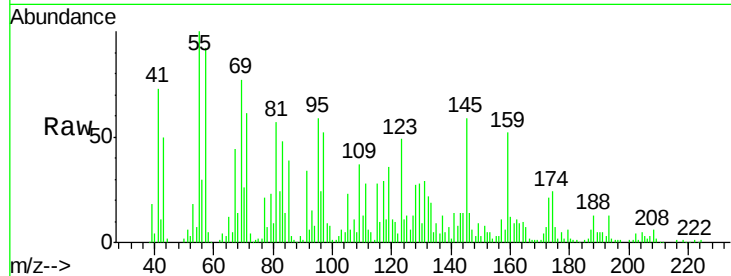




#52
3-Nitroaniline
Concen: 96.78 ng
RT: 14.91 min Scan# 1209
Delta R.T. 0.05 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

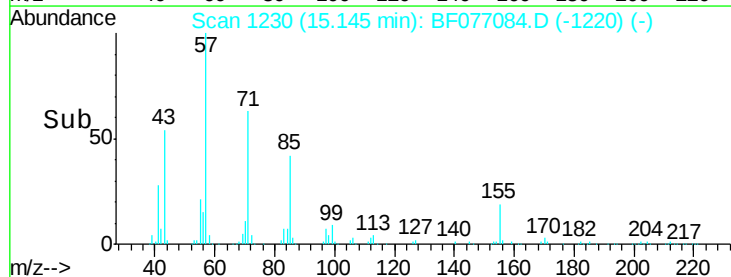
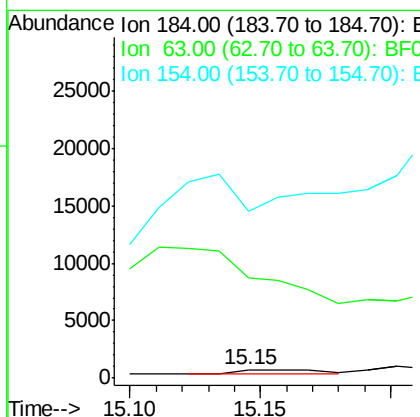
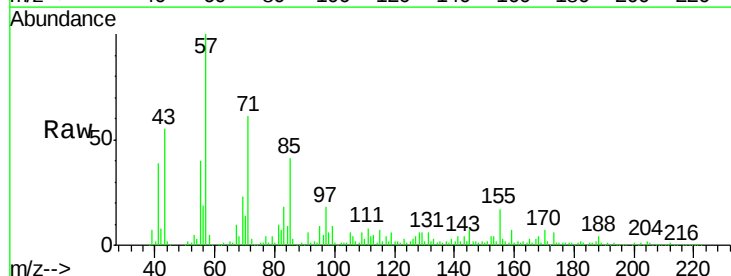
Instrument :
BNA_F
ClientSampleId :
104B3

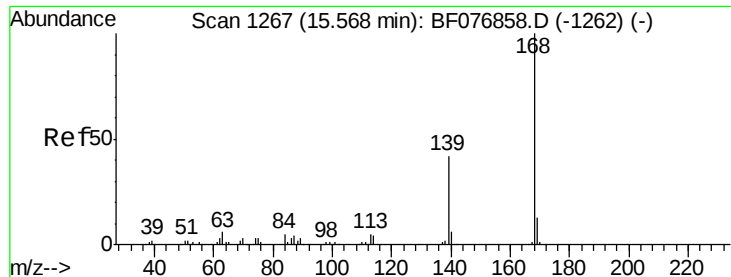
Tgt Ion:138 Resp: 2544
Ion Ratio Lower Upper
138 100
108 95.6 8.3 12.5#
92 102.6 80.9 121.3



#53
2,4-Dinitrophenol
Concen: 98.51 ng
RT: 15.15 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

Tgt Ion:184 Resp: 942
Ion Ratio Lower Upper
184 100
63 1242.1 63.0 94.6#
154 2054.8 65.5 98.3#





#54

Dibenzofuran

Concen: 466.82 ng

RT: 15.35 min Scan# 1248

Delta R.T. 0.05 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

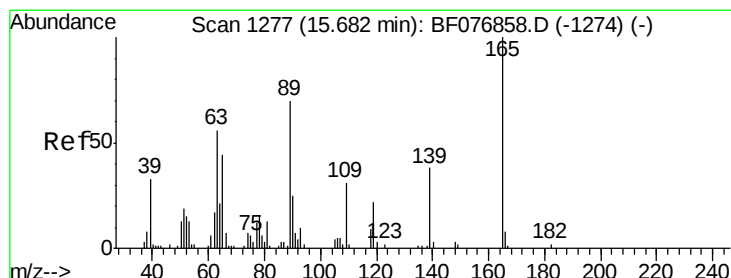
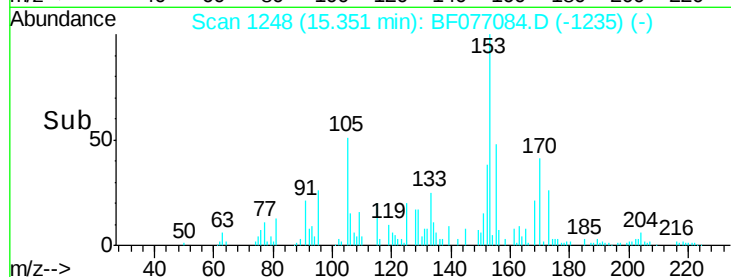
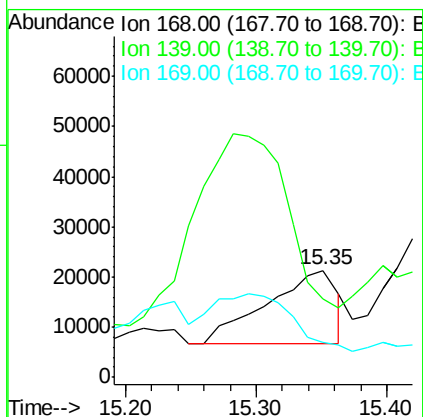
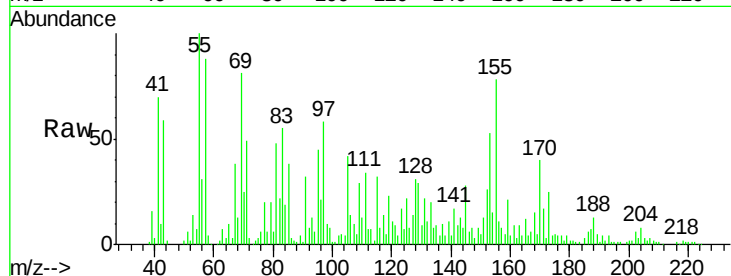
Tgt Ion:168 Resp: 55304

Ion Ratio Lower Upper

168 100

139 73.3 33.4 50.2#

169 32.5 10.6 15.8#



#55

4-Nitrophenol

Concen: 1750.05 ng

RT: 15.44 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

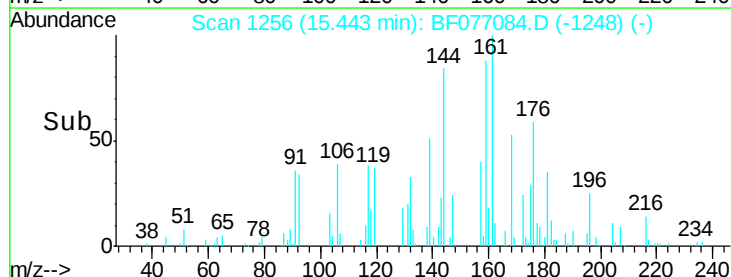
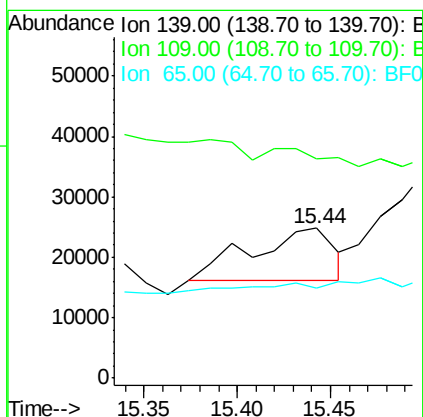
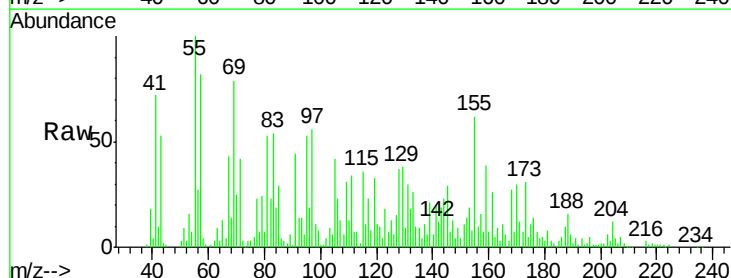
Tgt Ion:139 Resp: 27100

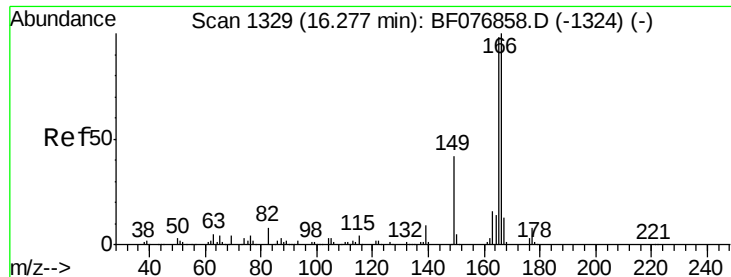
Ion Ratio Lower Upper

139 100

109 146.5 61.0 101.0#

65 60.6 96.6 136.6#





#57

Fluorene

Concen: 156.88 ng

RT: 16.05 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

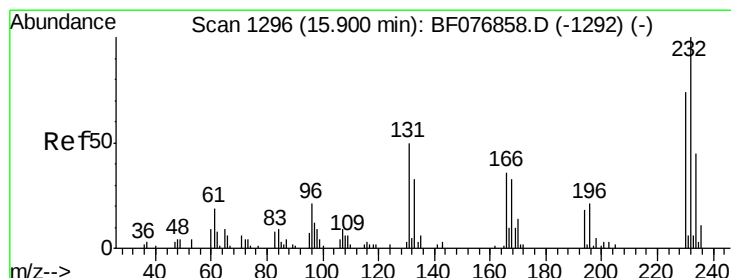
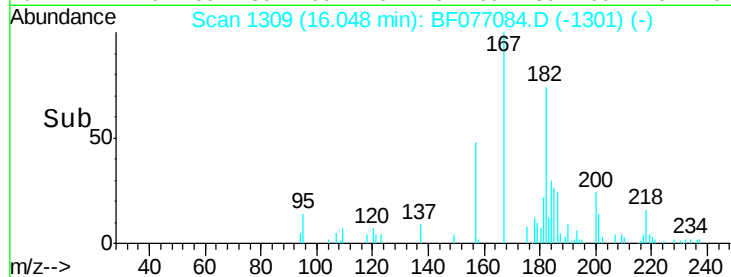
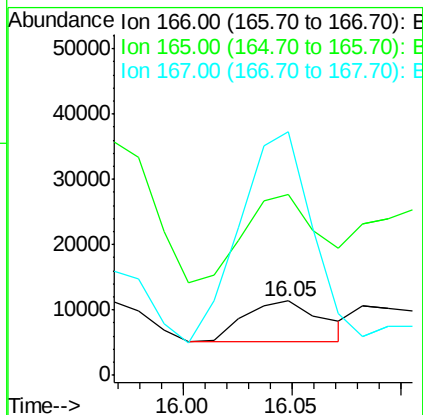
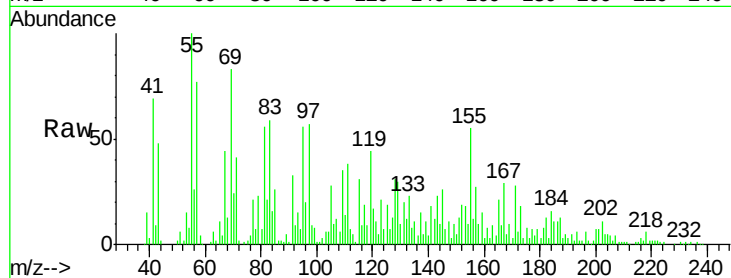
Tgt Ion:166 Resp: 15747

Ion Ratio Lower Upper

166 100

165 243.5 78.5 117.7#

167 326.9 10.4 15.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.72 ng

RT: 15.66 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Tgt Ion:232 Resp: 796

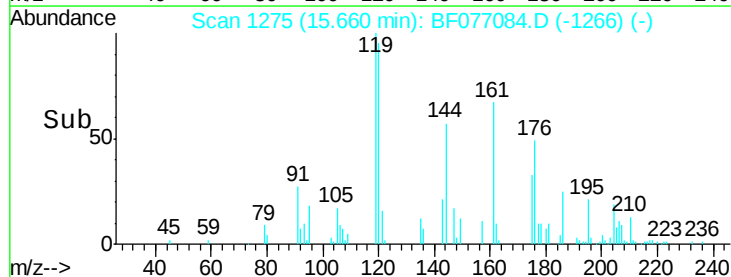
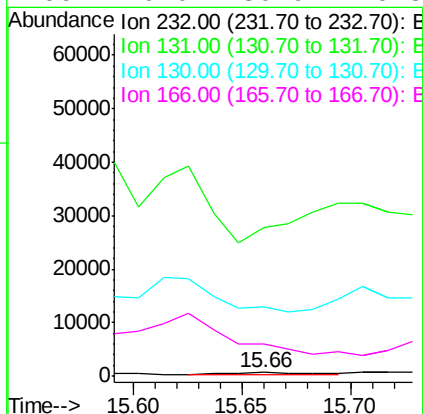
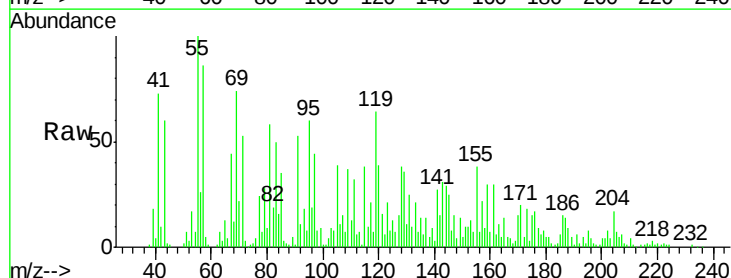
Ion Ratio Lower Upper

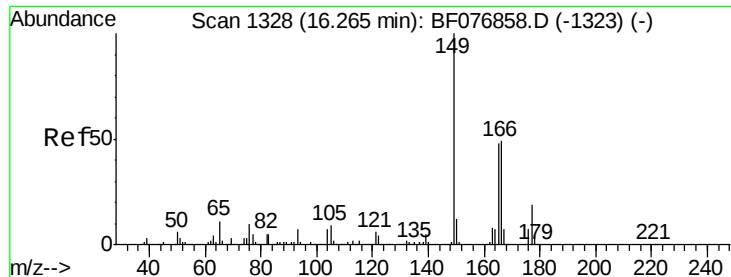
232 100

131 0.0 45.0 67.6#

130 0.0 2.6 3.8#

166 0.0 30.9 46.3#

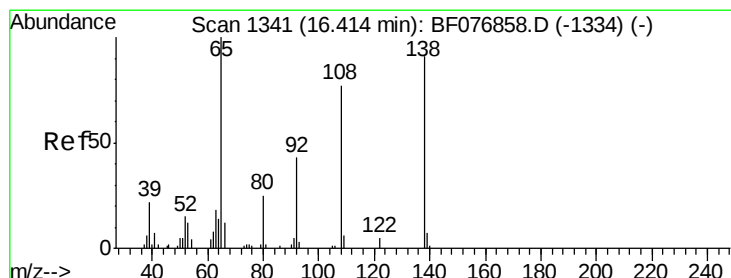
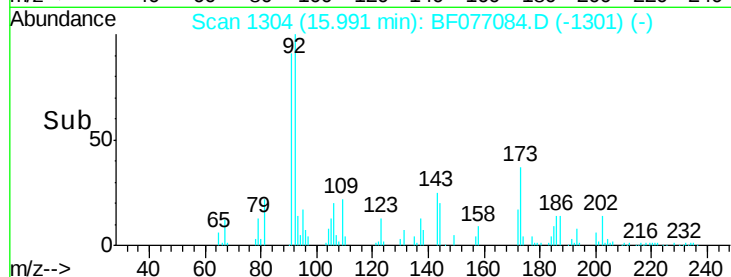
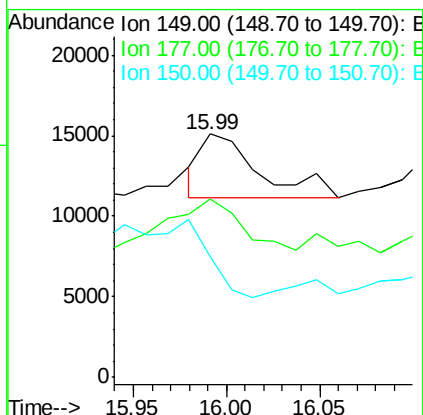
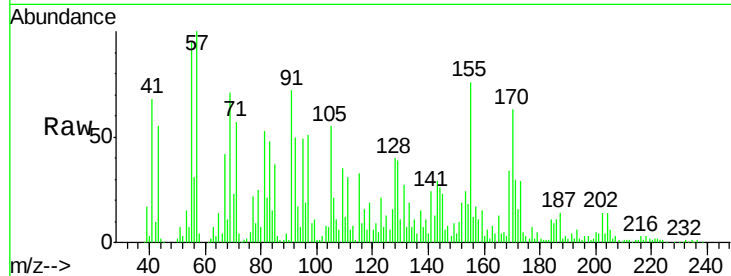




#59
Diethylphthalate
Concen: 83.59 ng
RT: 15.99 min Scan# 1304
Delta R.T. -0.07 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

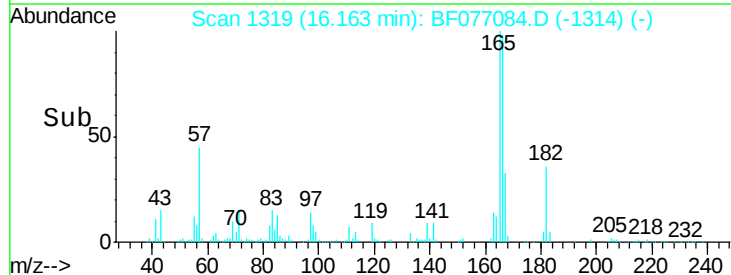
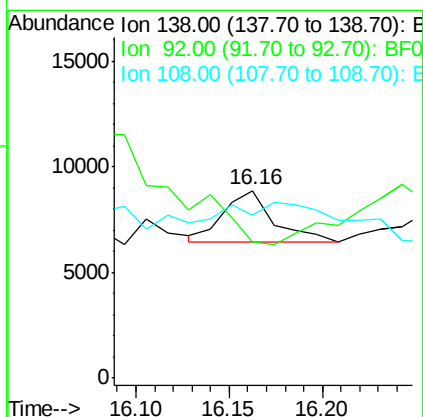
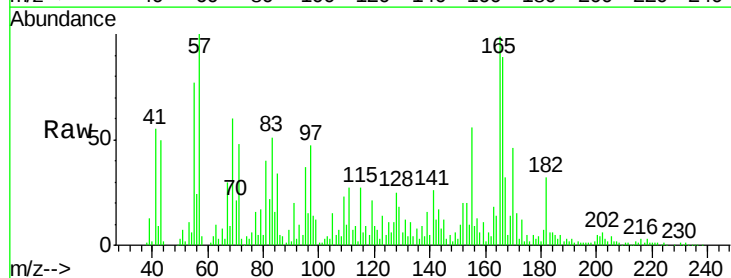
Instrument :
BNA_F
ClientSampleId :
104B3

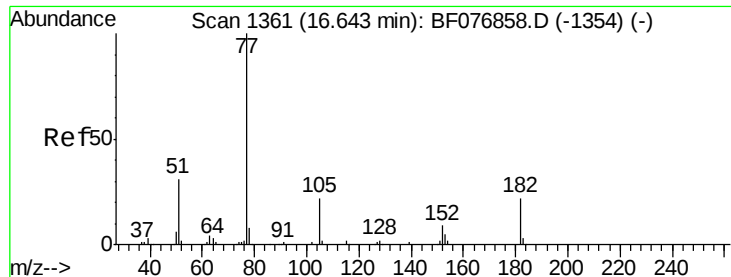
Tgt Ion:149 Resp: 8346
Ion Ratio Lower Upper
149 100
177 73.2 15.0 22.6#
150 49.5 9.4 14.0#



#61
4-Nitroaniline
Concen: 177.39 ng
RT: 16.16 min Scan# 1319
Delta R.T. -0.05 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

Tgt Ion:138 Resp: 4512
Ion Ratio Lower Upper
138 100
92 72.7 26.7 66.7#
108 87.2 64.5 104.5





#62

Azobenzene

Concen: 300.65 ng

RT: 16.48 min Scan# 1347

Delta R.T. 0.05 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

Tgt Ion: 77 Resp: 31276

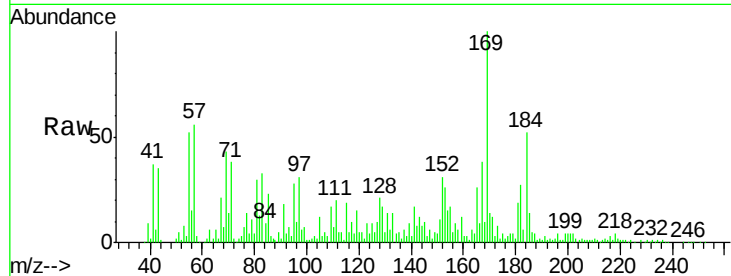
Ion Ratio Lower Upper

77 100

182 186.7 2.0 42.0#

105 85.5 2.3 42.3#

51 32.1 10.7 50.7

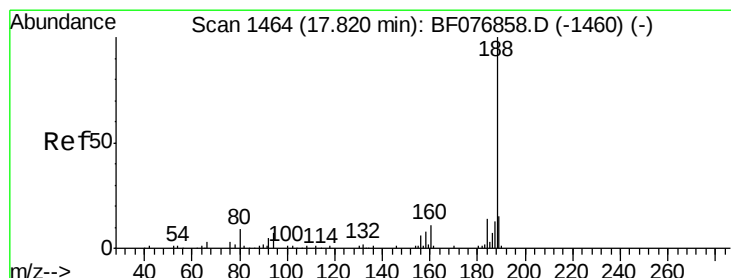
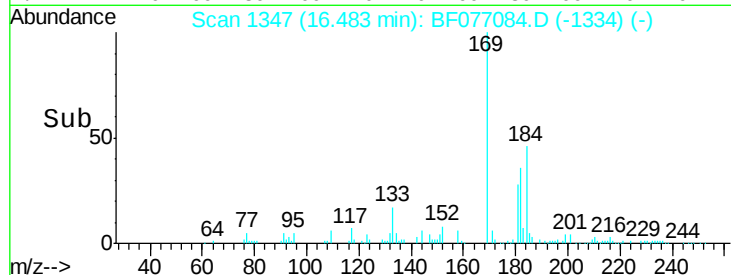
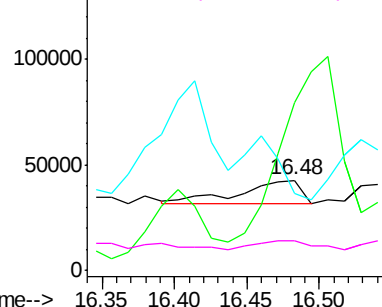


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.64 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

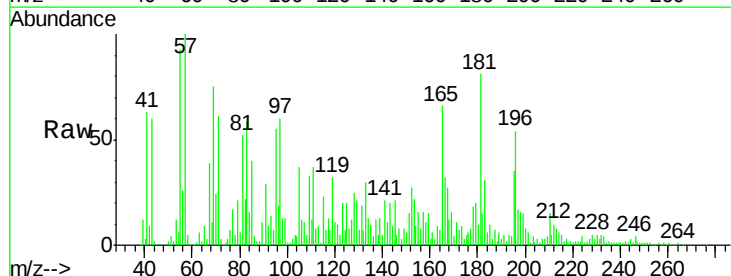
Tgt Ion: 188 Resp: 3202

Ion Ratio Lower Upper

188 100

94 329.0 6.0 9.0#

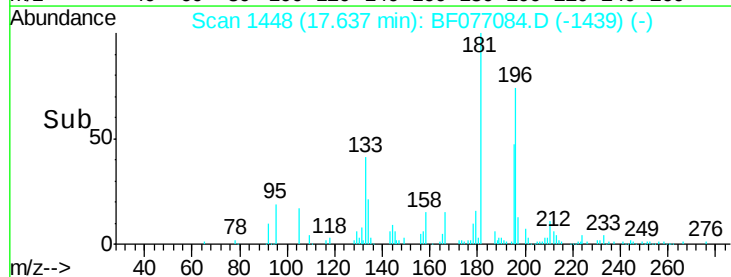
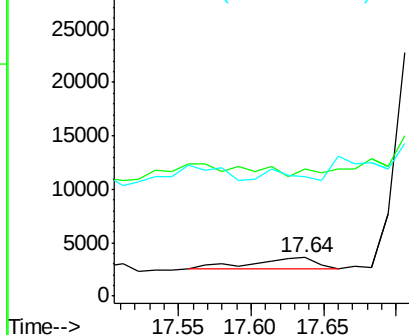
80 306.7 6.9 10.3#

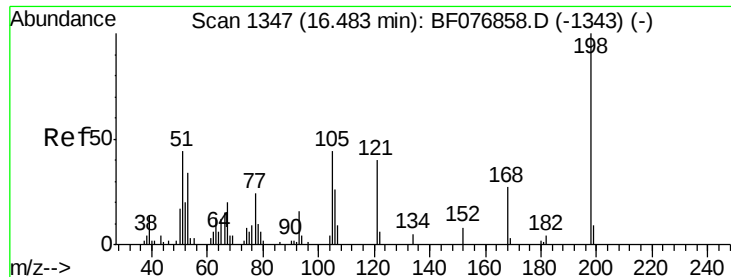


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 159.06 ng

RT: 16.29 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

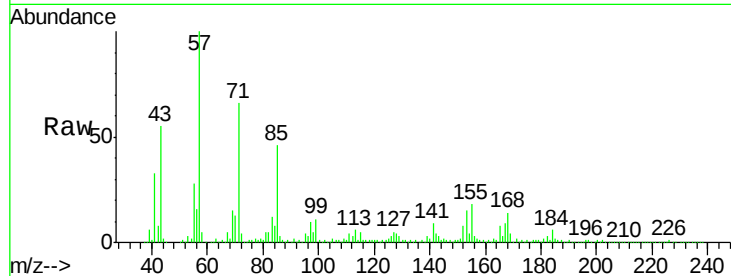
Tgt Ion:198 Resp: 3442

Ion Ratio Lower Upper

198 100

51 965.2 24.2 64.2#

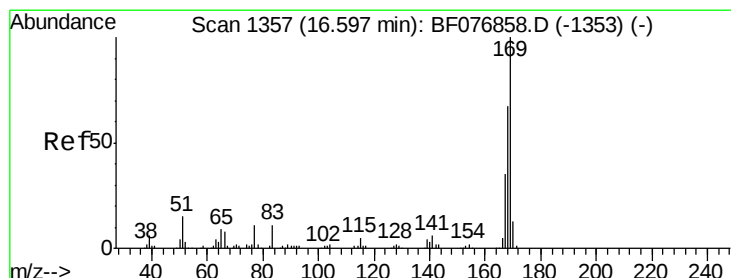
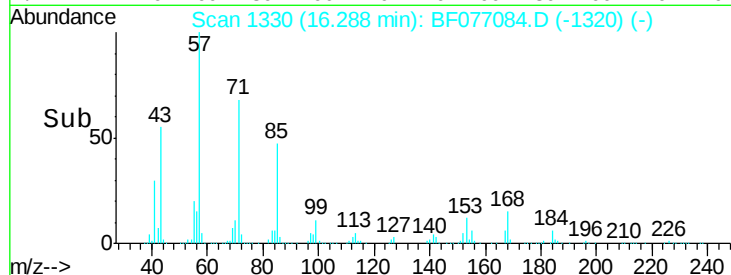
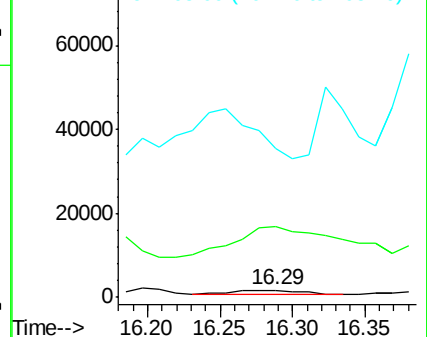
105 2040.0 24.0 64.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 1473.47 ng

RT: 16.33 min Scan# 1334

Delta R.T. -0.07 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

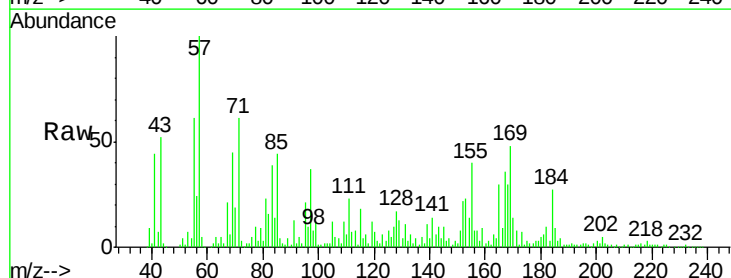
Tgt Ion:169 Resp: 168230

Ion Ratio Lower Upper

169 100

168 62.2 53.8 80.6

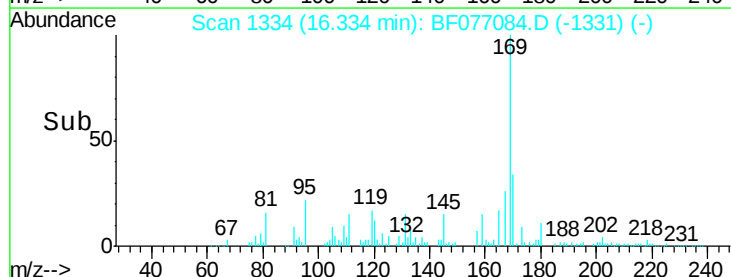
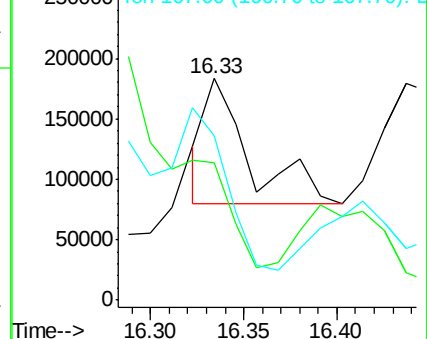
167 74.3 27.8 41.6#

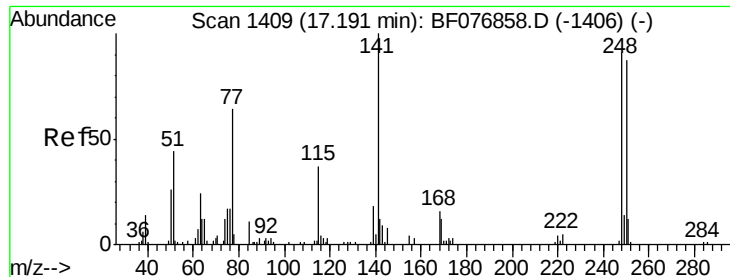


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 70.53 ng

RT: 17.05 min Scan# 1397

Delta R.T. 0.05 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampled :

104B3

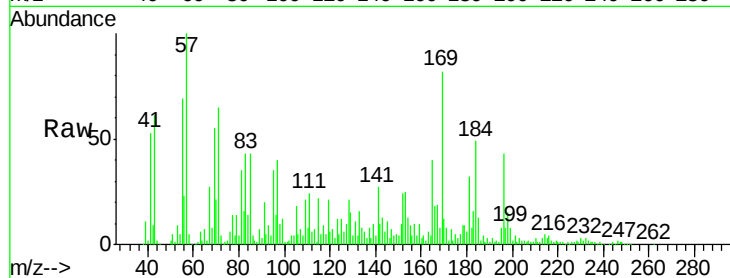
Tgt Ion:248 Resp: 2288

Ion Ratio Lower Upper

248 100

250 73.4 77.1 115.7#

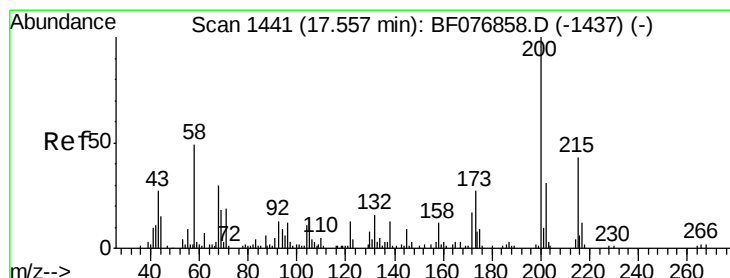
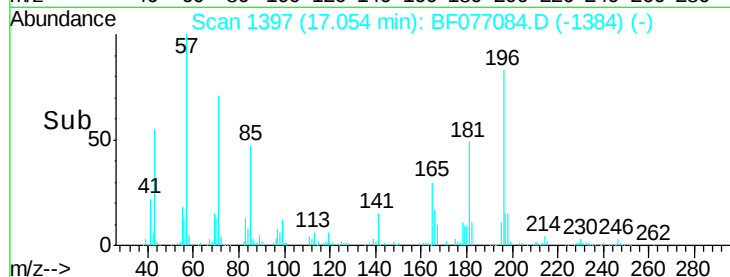
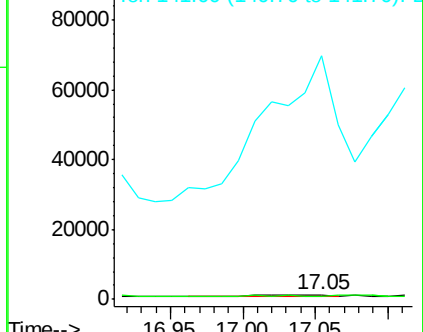
141 5142.8 88.2 132.4#



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: 1006.64 ng

RT: 17.39 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

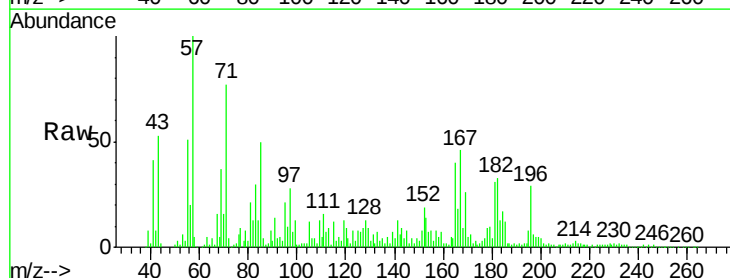
Tgt Ion:200 Resp: 34876

Ion Ratio Lower Upper

200 100

173 73.0 6.6 46.6#

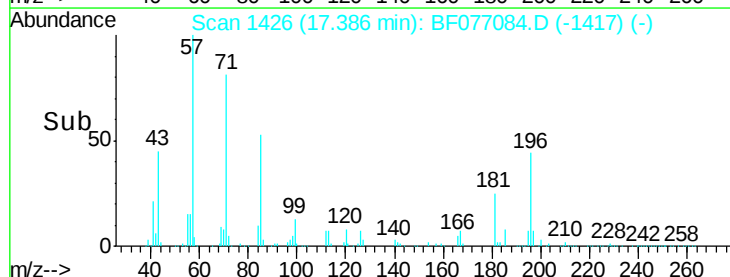
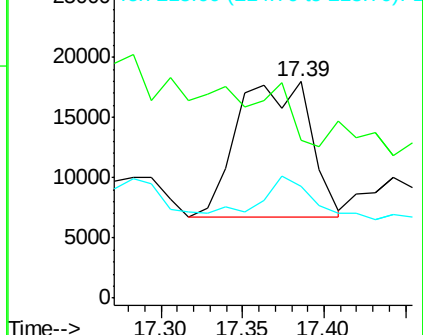
215 51.7 22.9 62.9

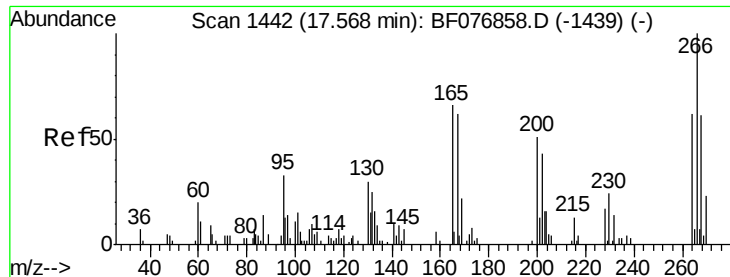


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

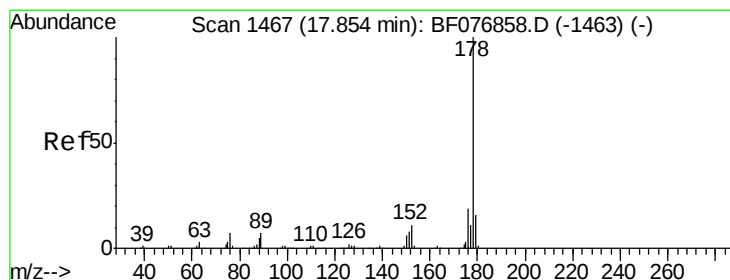
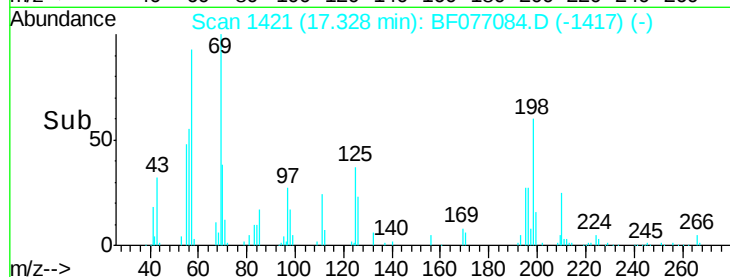
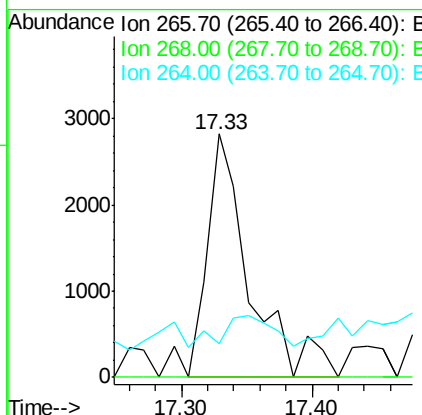
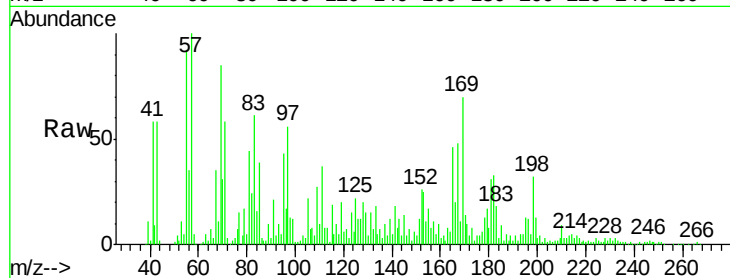




#69
 Pentachlorophenol
 Concen: 376.63 ng
 RT: 17.33 min Scan# 1421
 Delta R.T. -0.06 min
 Lab File: BF077084.D
 Acq: 27 Jan 2015 11:09

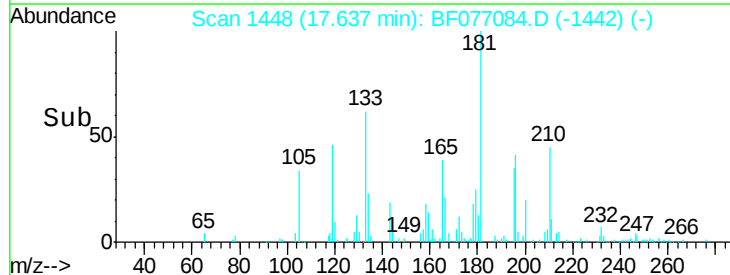
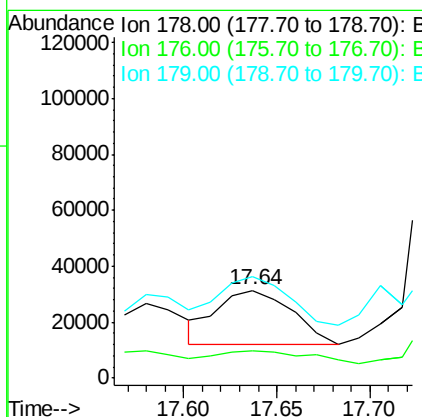
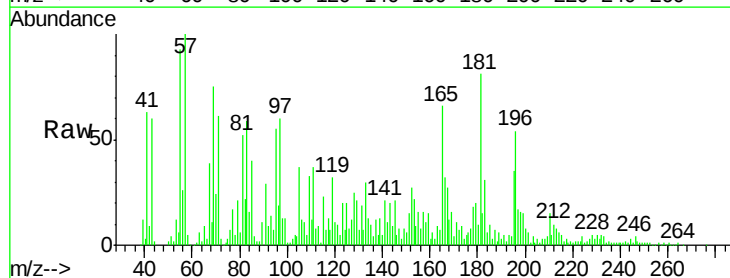
Instrument :
 BNA_F
 ClientSampleId :
 104B3

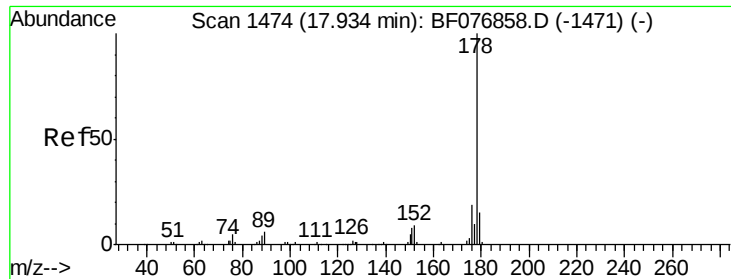
Tgt Ion:266 Resp: 6346
 Ion Ratio Lower Upper
 266 100
 268 0.0 48.6 72.8#
 264 13.8 49.5 74.3#



#70
 Phenanthrene
 Concen: 265.57 ng
 RT: 17.64 min Scan# 1448
 Delta R.T. -0.03 min
 Lab File: BF077084.D
 Acq: 27 Jan 2015 11:09

Tgt Ion:178 Resp: 53030
 Ion Ratio Lower Upper
 178 100
 176 31.5 15.1 22.7#
 179 115.2 12.7 19.1#

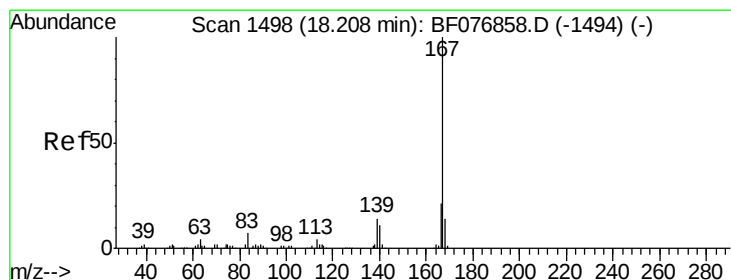
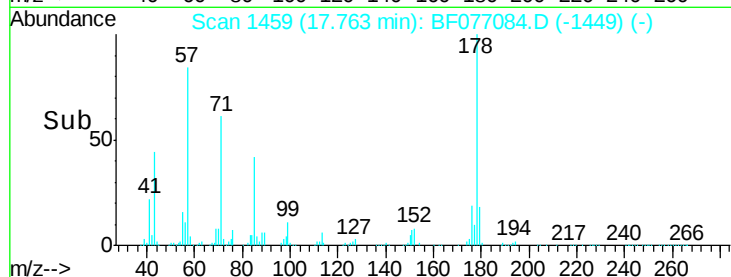
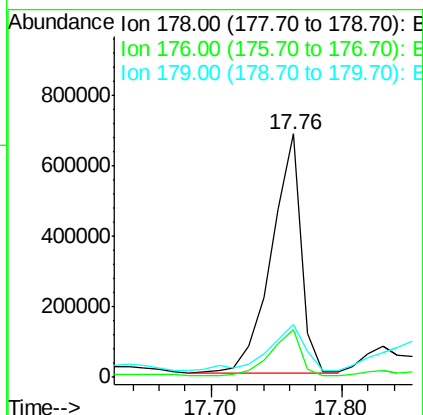
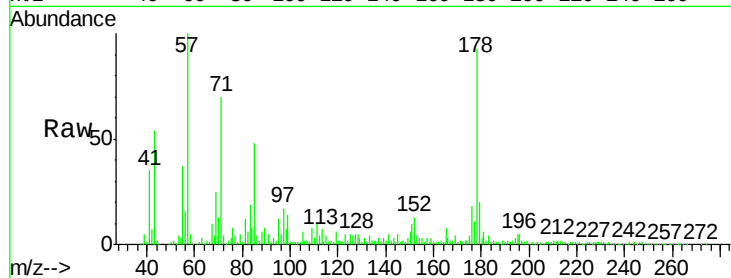




#71
 Anthracene
 Concen: 5567.80 ng
 RT: 17.76 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF077084.D
 Acq: 27 Jan 2015 11:09

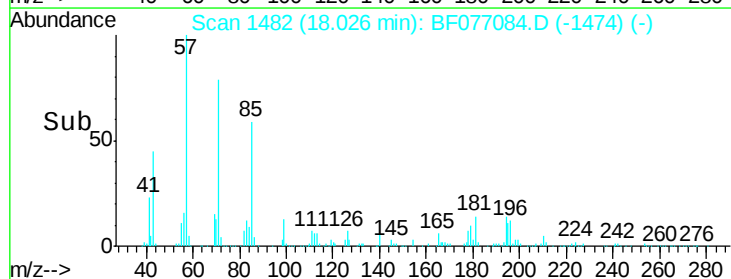
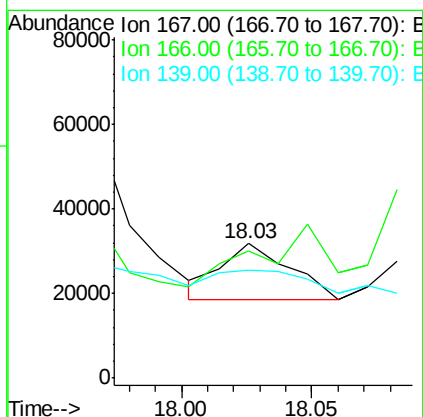
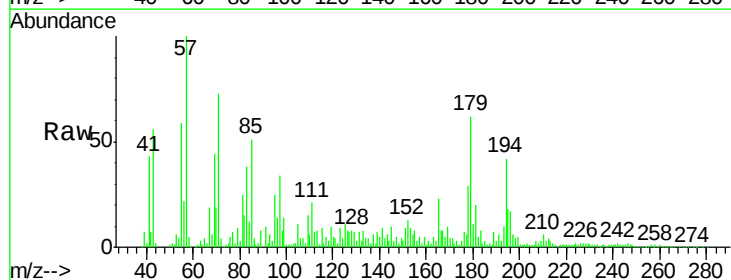
Instrument :
 BNA_F
 ClientSampleId :
 104B3

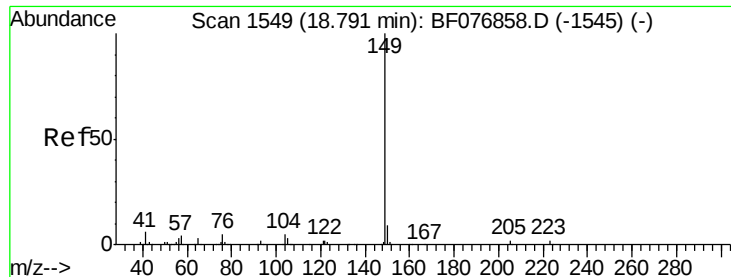
Tgt Ion:178 Resp: 1084168
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 21.8 11.9 17.9#



#72
 Carbazole
 Concen: 127.91 ng
 RT: 18.03 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF077084.D
 Acq: 27 Jan 2015 11:09

Tgt Ion:167 Resp: 24157
 Ion Ratio Lower Upper
 167 100
 166 94.3 17.0 25.6#
 139 79.8 11.3 16.9#

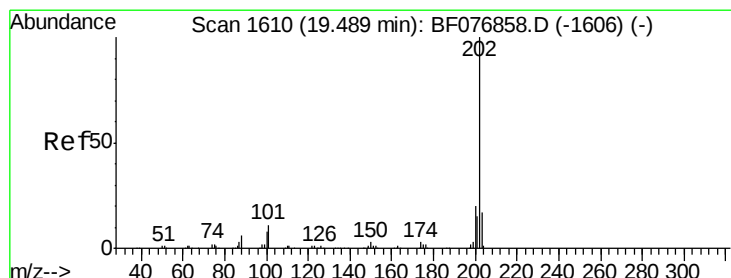
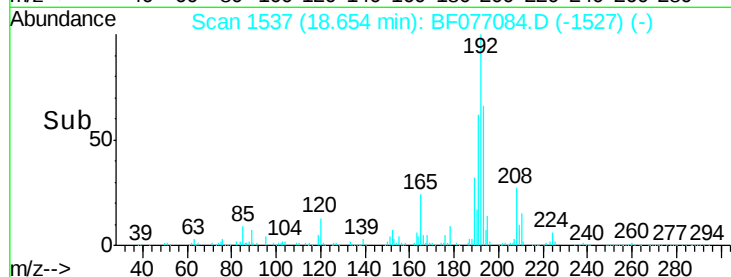
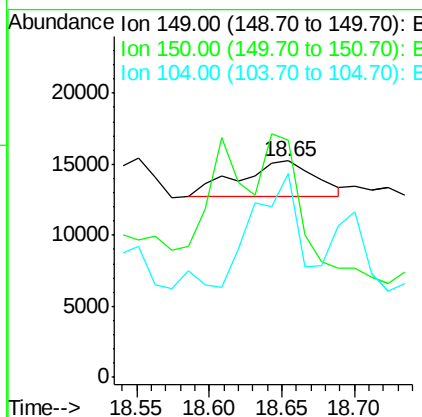
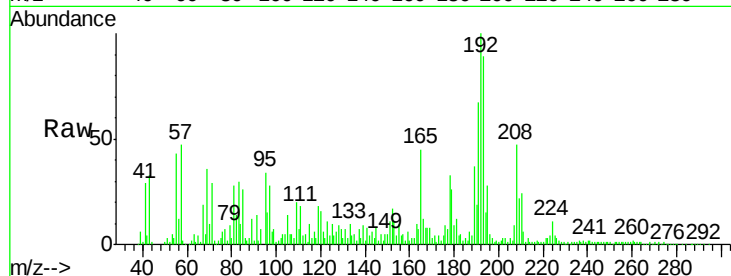




#73
Di-n-butylphthalate
Concen: 41.89 ng
RT: 18.65 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

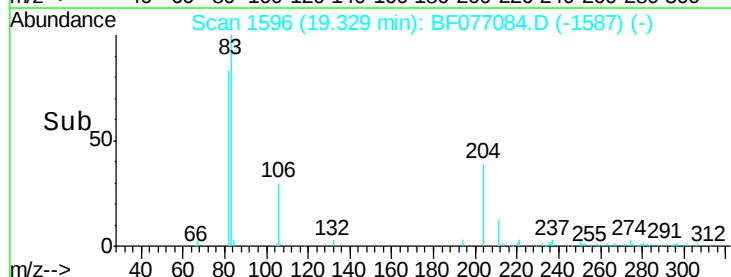
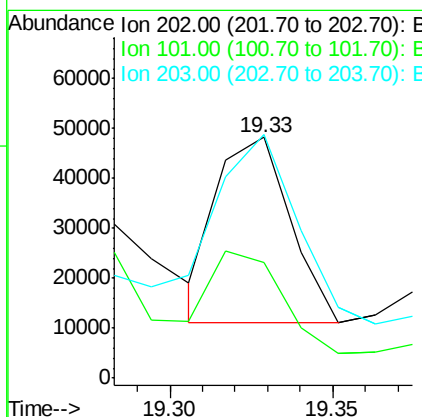
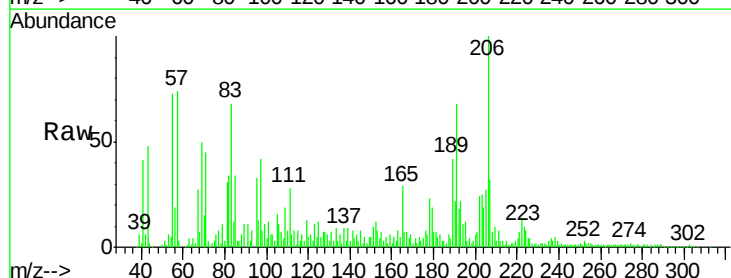
Instrument :
BNA_F
ClientSampleId :
104B3

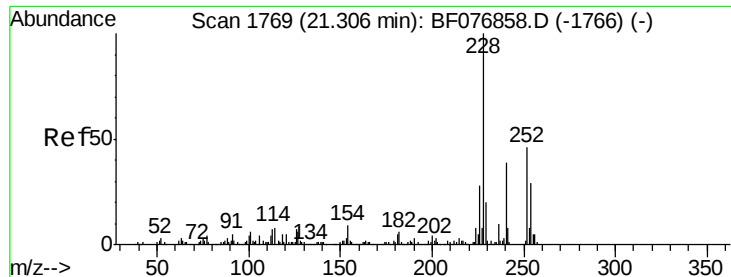
Tgt Ion:149 Resp: 9157
Ion Ratio Lower Upper
149 100
150 109.7 6.9 10.3#
104 93.9 3.7 5.5#



#74
Fluoranthene
Concen: 280.38 ng
RT: 19.33 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

Tgt Ion:202 Resp: 57369
Ion Ratio Lower Upper
202 100
101 48.0 0.0 30.7#
203 101.2 0.0 36.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.17 min Scan# 1757

Delta R.T. 0.02 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

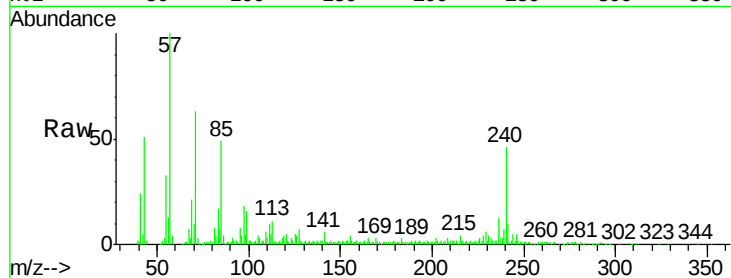
Tgt Ion:240 Resp: 83821

Ion Ratio Lower Upper

240 100

120 11.4 10.4 15.6

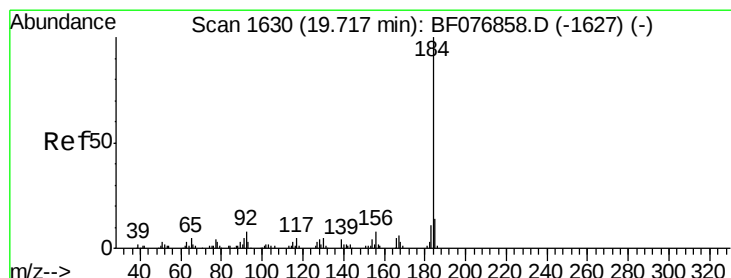
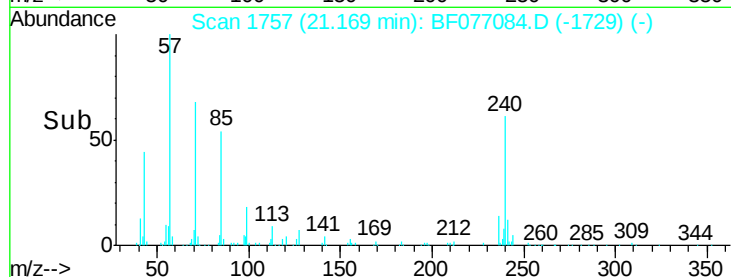
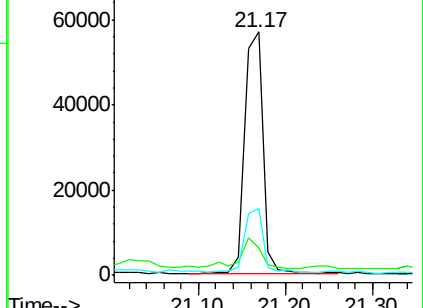
236 27.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.23 ng

RT: 19.61 min Scan# 1621

Delta R.T. 0.05 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

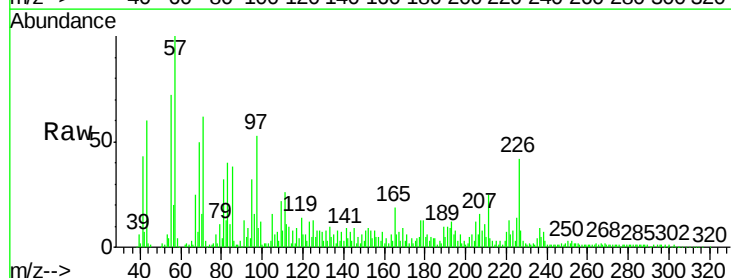
Tgt Ion:184 Resp: 5986

Ion Ratio Lower Upper

184 100

185 96.5 11.4 17.2#

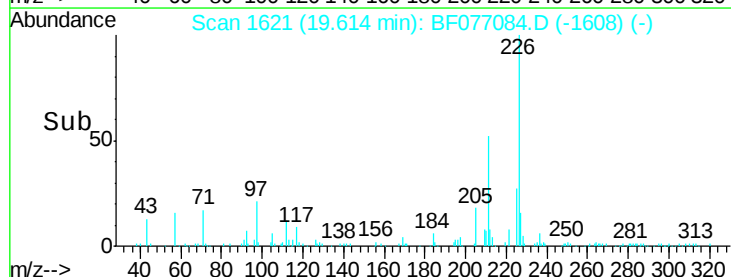
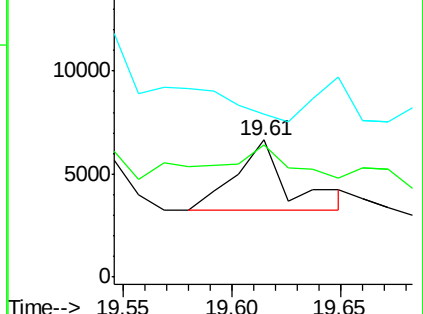
183 118.8 9.0 13.6#

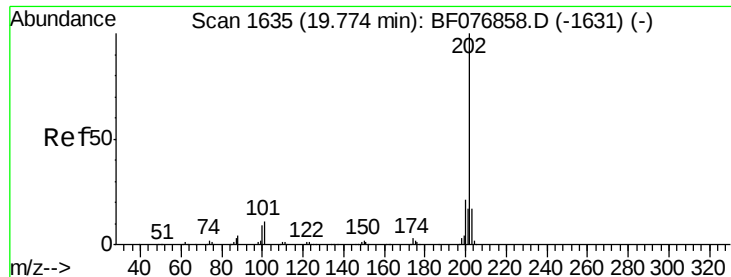


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 56.65 ng

RT: 19.66 min Scan# 1625

Delta R.T. 0.06 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

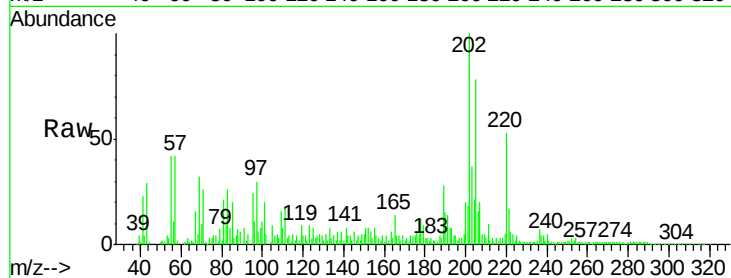
Tgt Ion:202 Resp: 325424

Ion Ratio Lower Upper

202 100

200 20.0 16.7 25.1

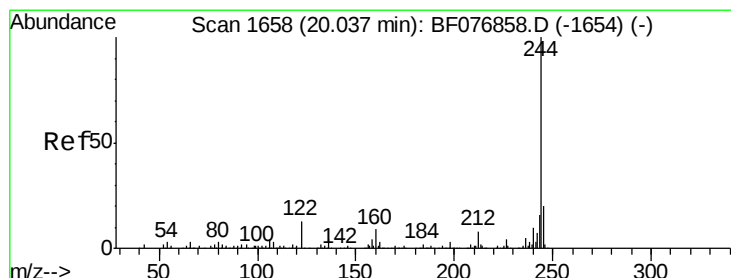
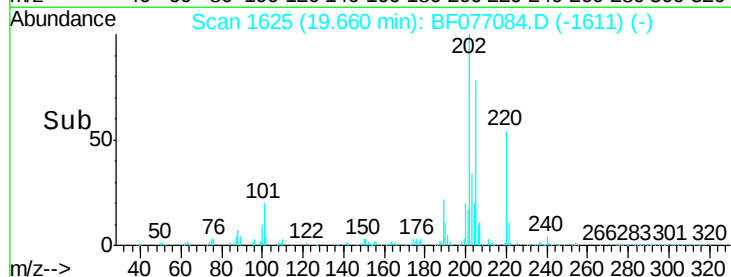
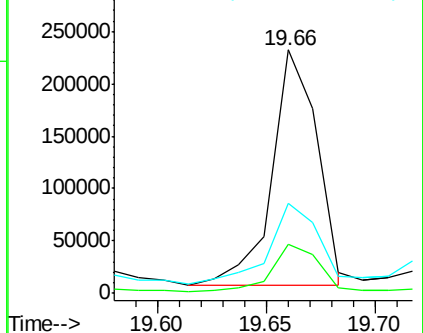
203 37.0 14.0 21.0#



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: 83.74 ng

RT: 19.92 min Scan# 1648

Delta R.T. 0.05 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

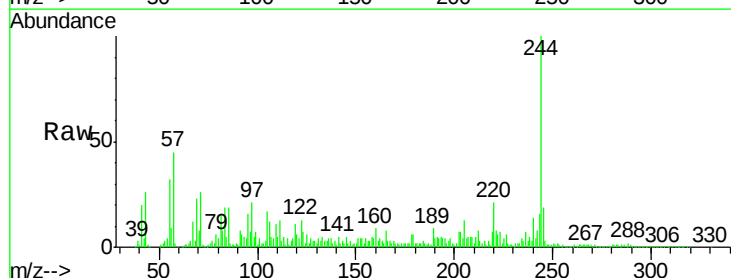
Tgt Ion:244 Resp: 304877

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

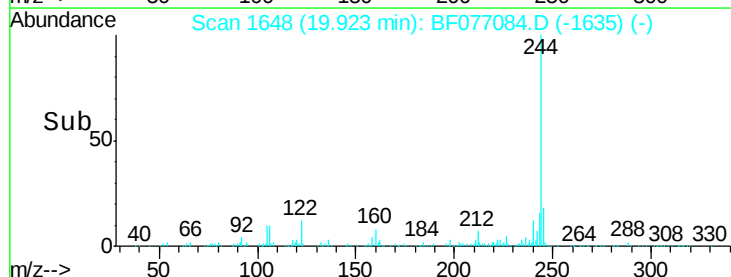
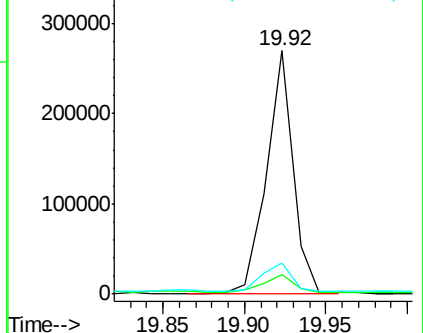
122 12.8 10.1 15.1

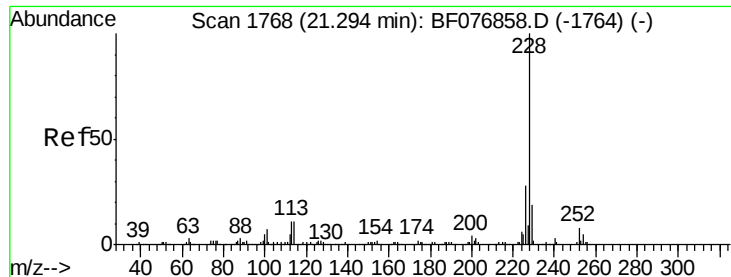


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 6.12 ng

RT: 21.19 min Scan# 1759

Delta R.T. 0.06 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

Instrument :

BNA_F

ClientSampleId :

104B3

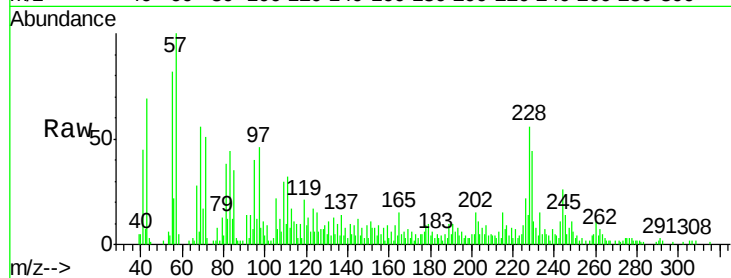
Tgt Ion:228 Resp: 32165

Ion Ratio Lower Upper

228 100

226 39.2 22.1 33.1#

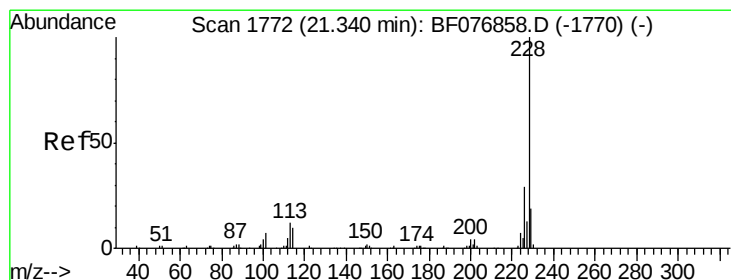
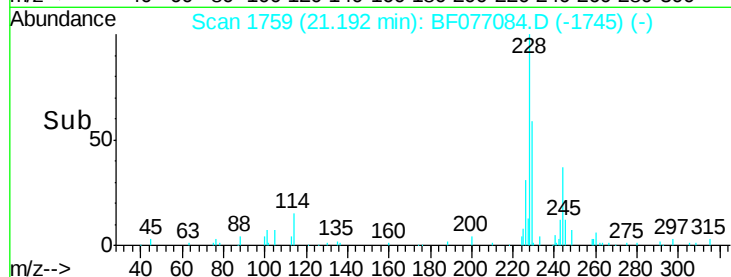
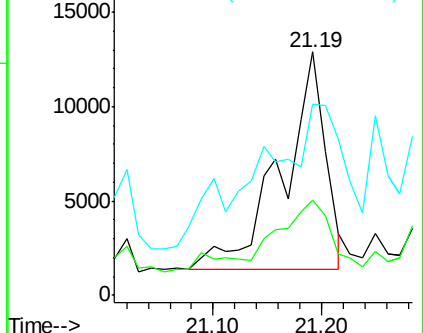
229 78.3 15.5 23.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 5.56 ng

RT: 21.19 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF077084.D

Acq: 27 Jan 2015 11:09

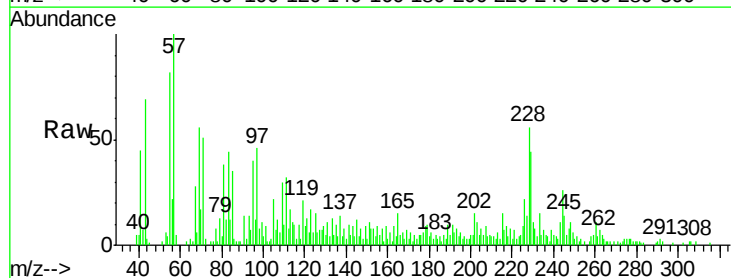
Tgt Ion:228 Resp: 26688

Ion Ratio Lower Upper

228 100

226 39.2 23.4 35.0#

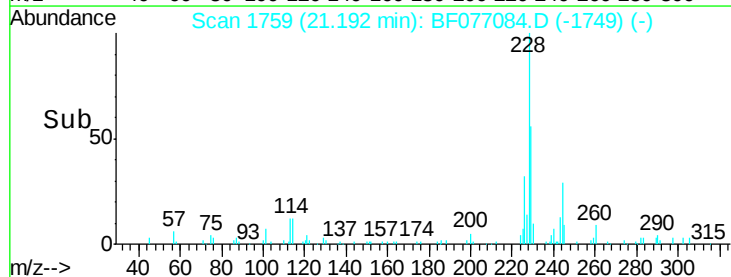
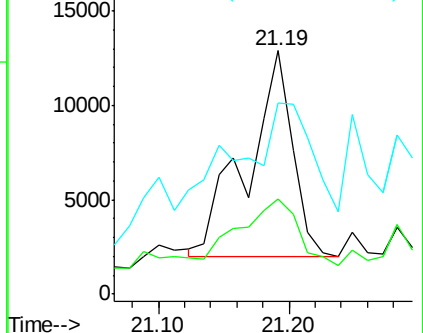
229 78.3 15.4 23.0#

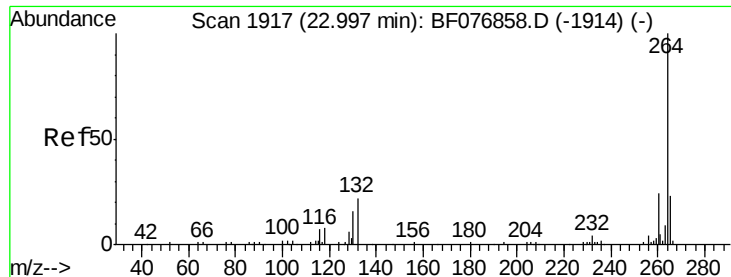


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.79 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BF077084.D
Acq: 27 Jan 2015 11:09

Instrument :
BNA_F
ClientSampleId :
104B3

Tgt Ion: 264 Resp: 78396
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 21.0 18.1 27.1

