

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101739.D
 Acq On : 27 Dec 2017 2:54
 Operator : SJ/JU
 Sample : I7021-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-SW1-7

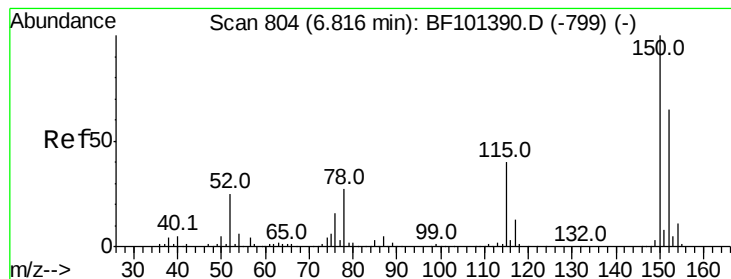
Quant Time: Dec 27 05:03:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121868	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	349718	20.00	ng	0.01
38) Acenaphthene-d10	9.85	164	121374	20.00	ng	0.02
63) Phenanthrene-d10	11.34	188	175955	20.00	ng	0.02
75) Chrysene-d12	14.00	240	164233	20.00	ng	0.03
86) Perylene-d12	15.49	264	164941	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	430444	52.61	ng	0.01
7) Phenol-d6	6.43	99	508870	49.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	187246	29.80	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	50536	43.21	ng	0.02
44) 2-Fluorobiphenyl	9.16	172	274262	35.05	ng	0.01
78) Terphenyl-d14	12.92	244	196792	28.89	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	24128	2.079	ng	# 35
19) n-Nitroso-di-n-propylamine	7.20	70	21133	3.160	ng	# 69
25) Isophorone	7.59	82	74770	5.933	ng	# 1
26) 2-Nitrophenol	7.69	139	13646	4.568	ng	# 1
31) Naphthalene	8.10	128	92103	5.231	ng	# 72
32) Benzoic acid	7.93	122	601	8.107	ng	# 1
33) 4-Chloroaniline	8.18	127	21030	2.748	ng	# 68
35) Caprolactam	8.53	113	15969	9.173	ng	# 1
37) 2-Methylnaphthalene	8.80	142	324108	28.255	ng	# 97
42) 2,4,6-Trichlorophenol	9.11	196	5370	2.177	ng	# 13
45) 1,1'-Biphenyl	9.26	154	30552	2.838	ng	# 91
48) Acenaphthylene	9.70	152	26297	2.021	ng	# 1
51) Acenaphthene	9.87	154	47656	6.097	ng	# 80
53) 2,4-Dinitrophenol	9.90	184	1504	12.216	ng	# 1
54) Dibenzofuran	10.05	168	75947	7.646	ng	# 1
55) 4-Nitrophenol	9.99	139	9330	8.649	ng	# 12
56) 2,4-Dinitrotoluene	10.05	165	32333	14.463	ng	# 51
57) Fluorene	10.40	166	75823	9.024	ng	# 78
61) 4-Nitroaniline	10.57	138	9761	3.925	ng	# 89
62) Azobenzene	10.56	77	31709	3.166	ng	# 1
65) n-Nitrosodiphenylamine	10.50	169	236685	36.430	ng	# 44
69) Pentachlorophenol	11.16	266	4686	11.843	ng	# 35
70) Phenanthrene	11.36	178	202138	20.658	ng	# 91
71) Anthracene	11.42	178	21566	2.158	ng	# 26
74) Fluoranthene	12.56	202	21968	2.139	ng	# 24
77) Pyrene	12.80	202	51480	4.177	ng	# 44
80) Benzo(a)anthracene	14.01	228	46164	4.257	ng	# 27
82) Chrysene	14.01	228	46672	4.558	ng	# 34

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

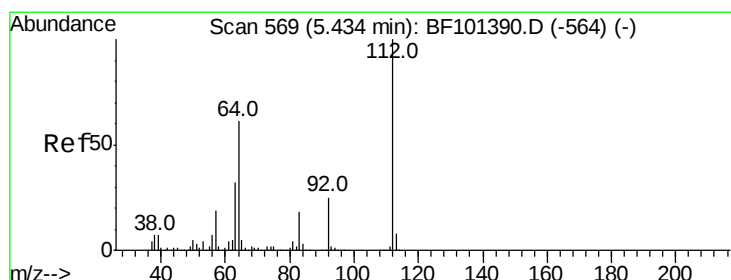
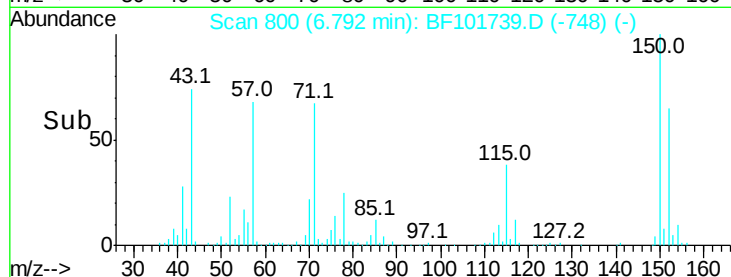
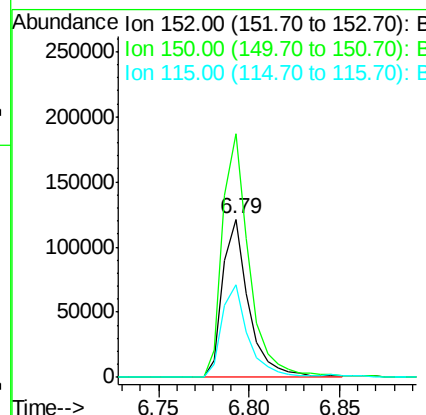
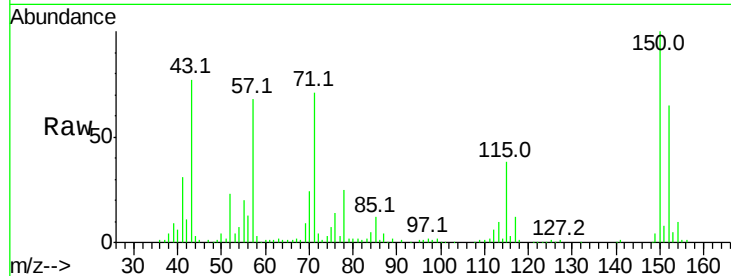


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

Instrument :
BNA_F
ClientSampleId :
DB-SW1-7

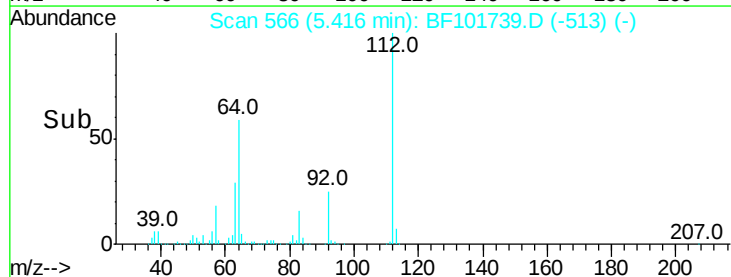
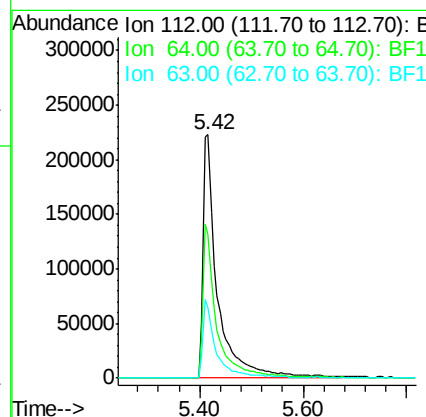
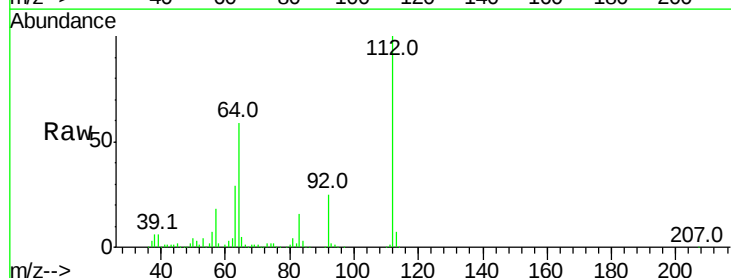
Tot Ion:152 Resp: 121868
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 59.0 50.1 75.1

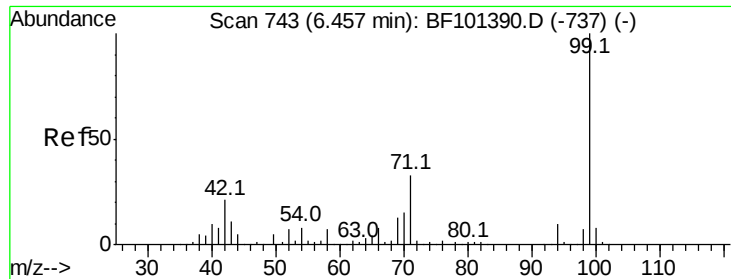


#5

2-Fluorophenol
Concen: 52.613 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

Tgt Ion:112 Resp: 430444
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 49.977 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

DB-SW1-7

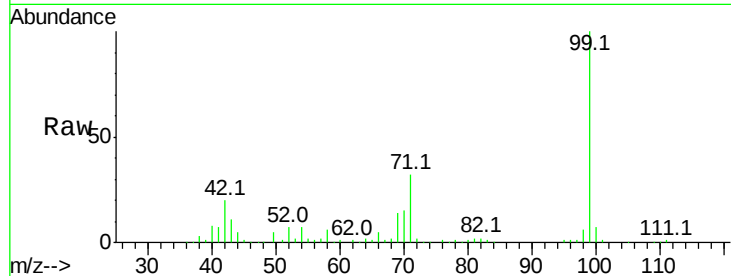
Tot Ion: 99 Resp: 508870

Ion Ratio Lower Upper

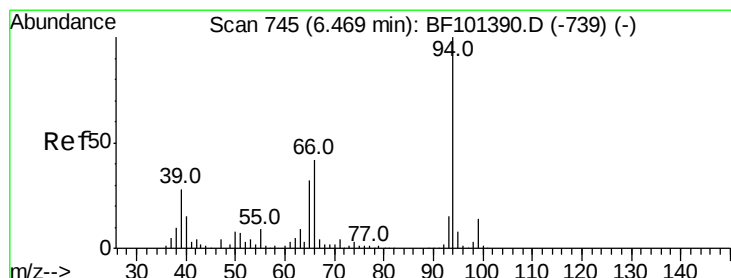
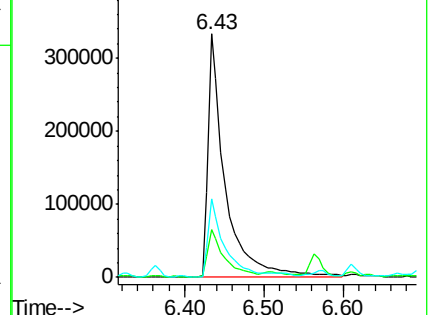
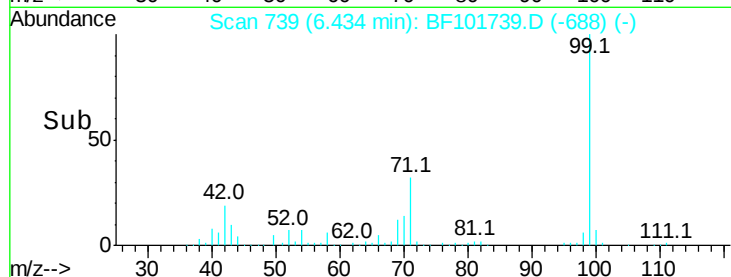
99 100

42 19.7 14.5 21.7

71 32.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.079 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

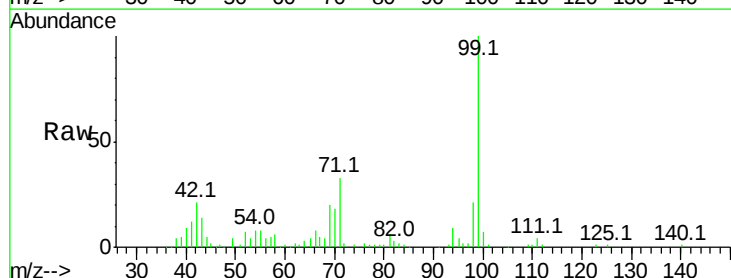
Tgt Ion: 94 Resp: 24128

Ion Ratio Lower Upper

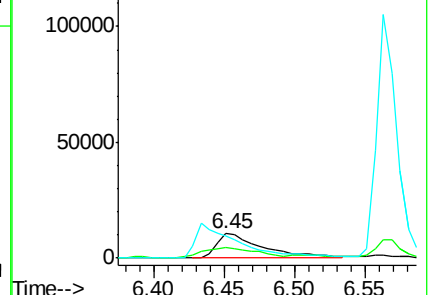
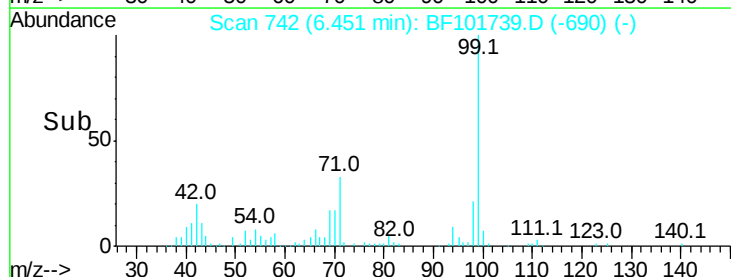
94 100

65 42.6 7.9 47.9

66 91.5 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 3.160 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

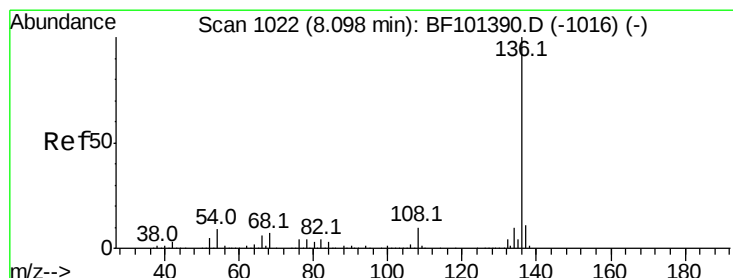
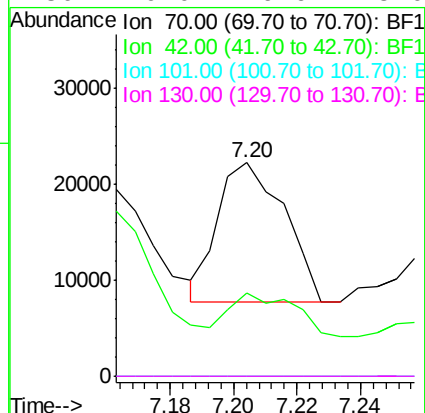
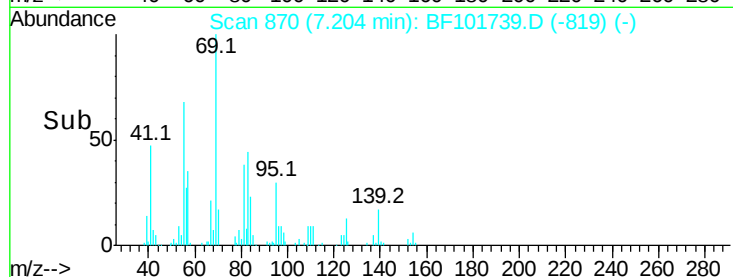
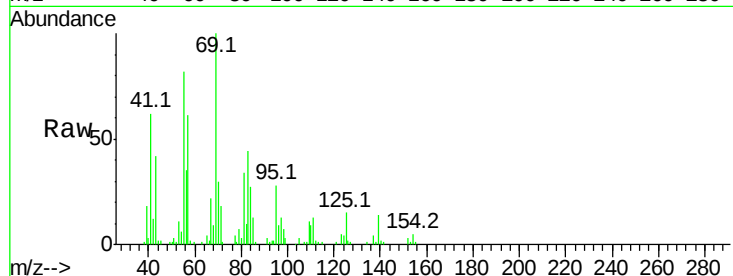
Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :
BNA_F
ClientSampleId :
DB-SW1-7

Tot Ion: 70 Resp: 21133

Ion	Ratio	Lower	Upper
70	100		
42	38.7	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

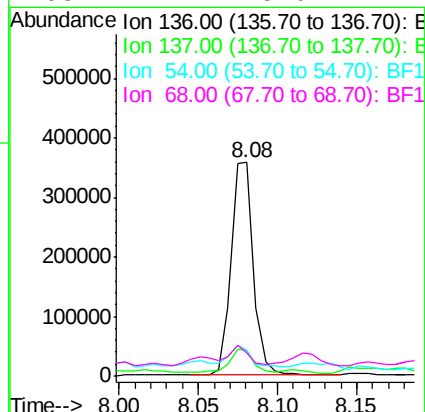
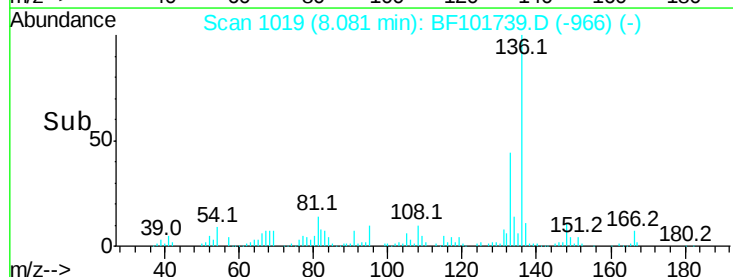
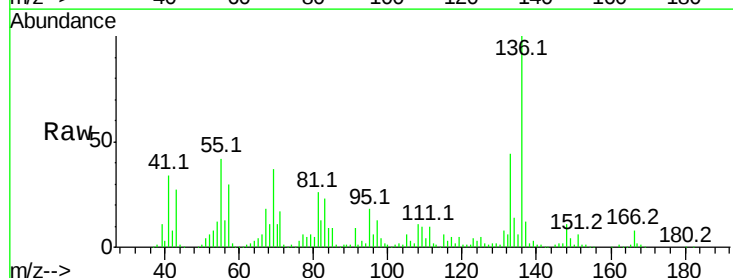
Delta R.T. 0.01 min

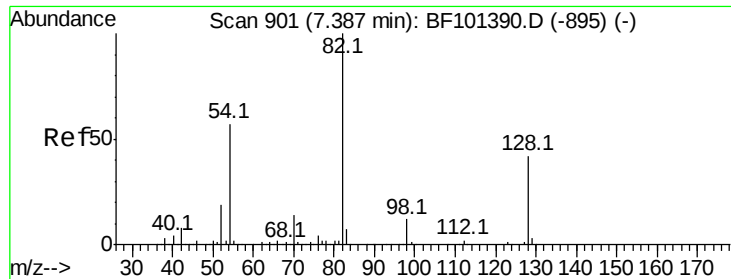
Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Tgt Ion: 136 Resp: 349718

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	11.9	6.6	9.8#
68	11.1	5.0	7.4#

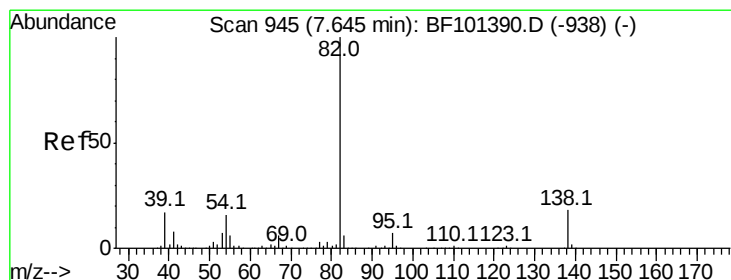
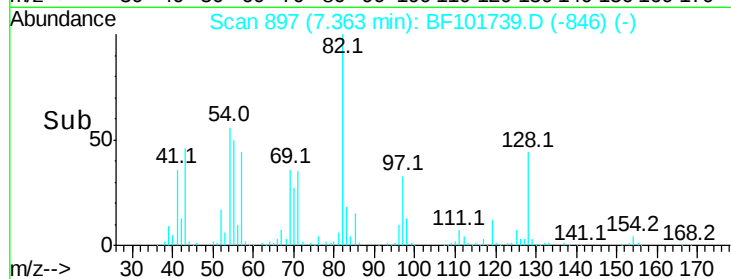
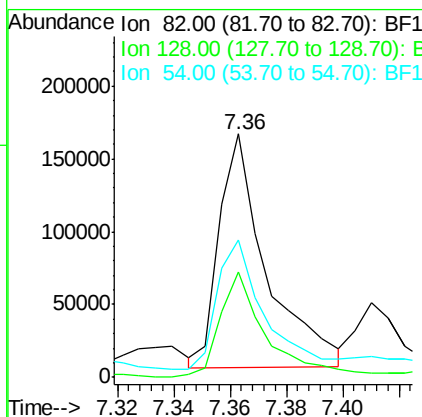
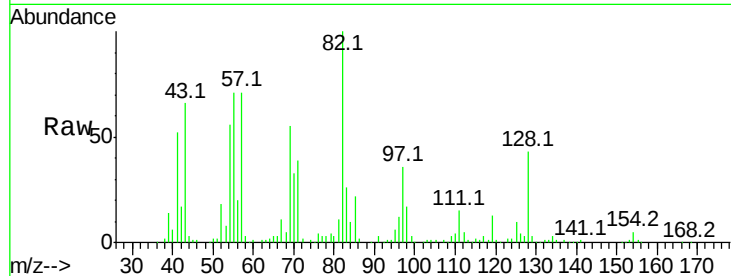




#23
Nitrobenzene-d5
Concen: 29.805 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

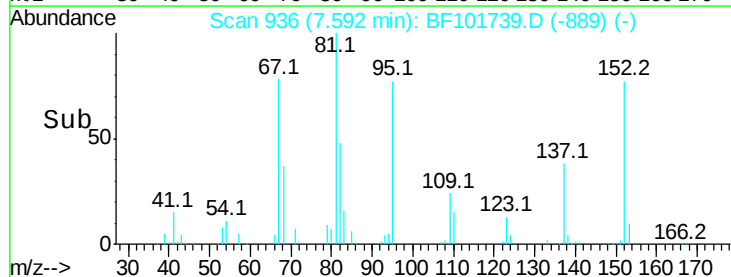
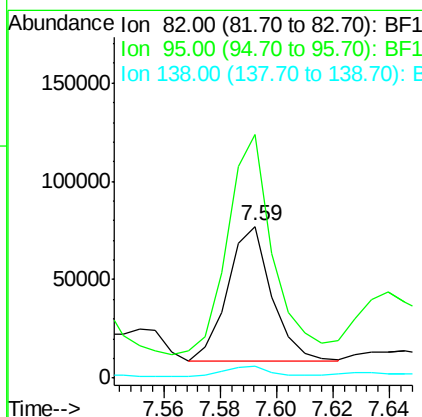
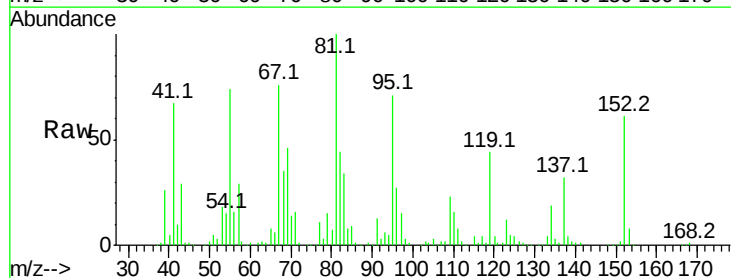
Instrument :
BNA_F
ClientSampleId :
DB-SW1-7

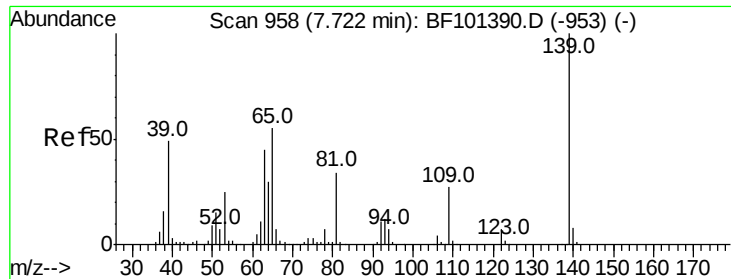
Tot Ion	82	Resp	187246
Ion Ratio	Lower	Upper	
82	100		
128	43.3	36.1	54.1
54	56.4	41.4	62.2



#25
Isophorone
Concen: 5.933 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

Tgt Ion	82	Resp	74770
Ion Ratio	Lower	Upper	
82	100		
95	160.1	5.2	7.8#
138	8.3	14.9	22.3#

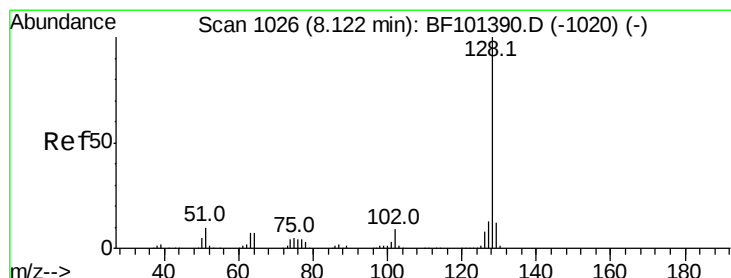
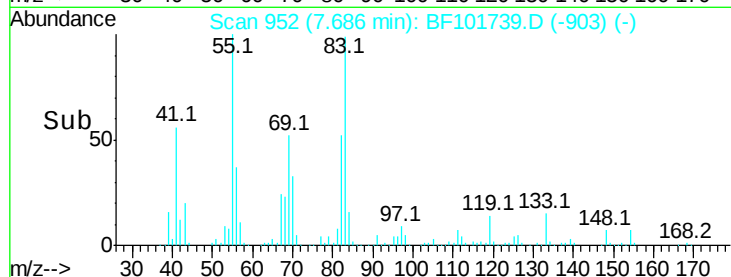
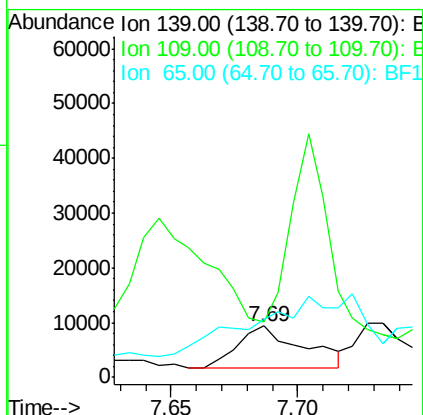
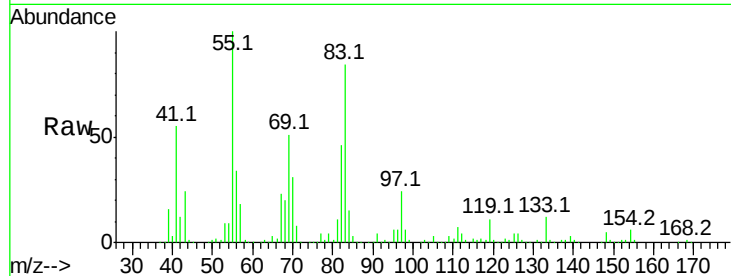




#26
2-Nitrophenol
Concen: 4.568 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

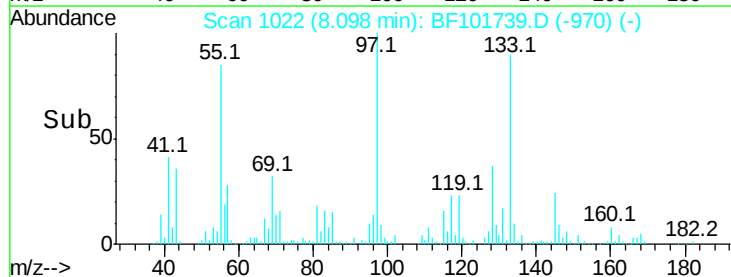
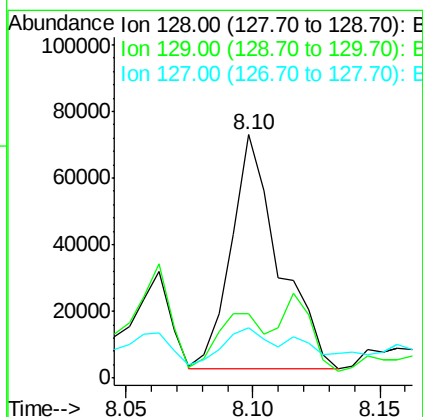
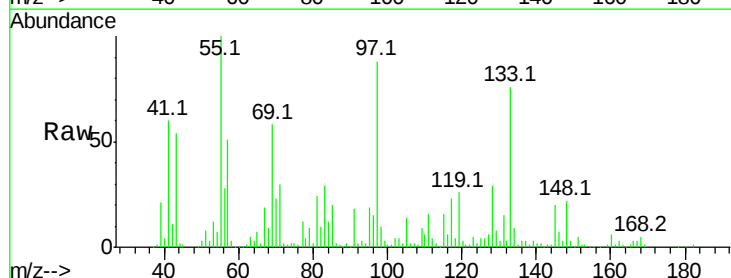
Instrument :
BNA_F
ClientSampleId :
DB-SW1-7

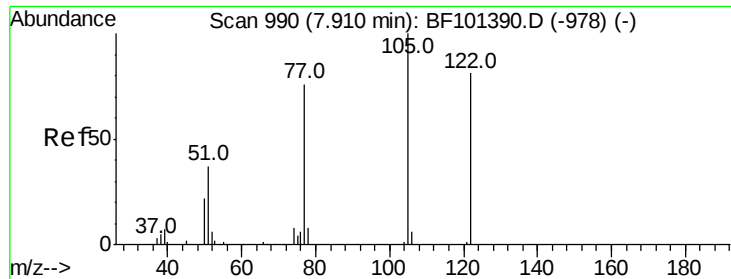
Tot Ion	Ratio	Lower	Upper
139	100		
109	109.0	22.7	34.1#
65	114.1	40.5	60.7#



#31
Naphthalene
Concen: 5.231 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	26.3	8.8	13.2#
127	20.9	10.9	16.3#





#32

Benzoic acid

Concen: 8.107 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.03 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

DB-SW1-7

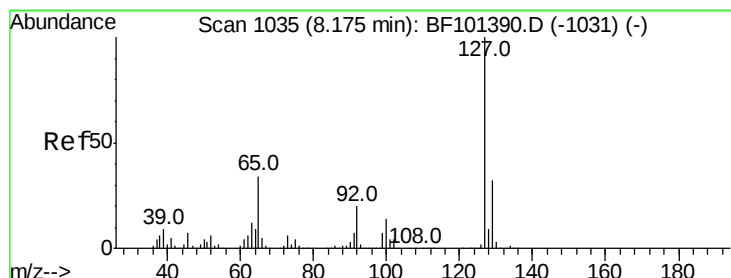
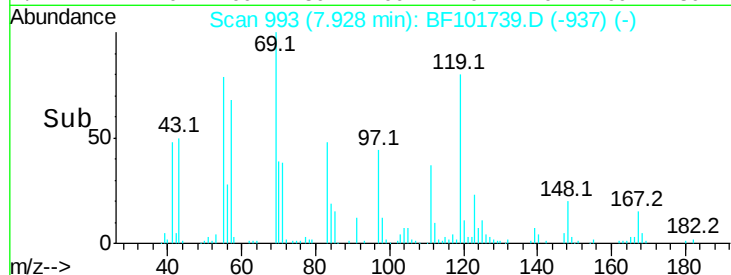
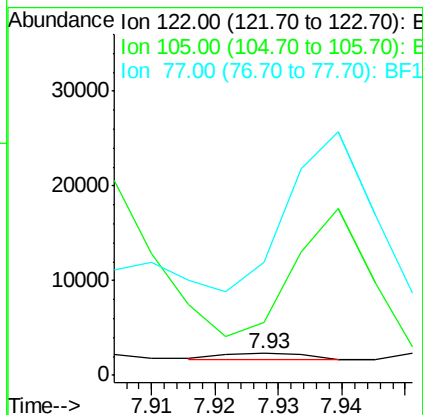
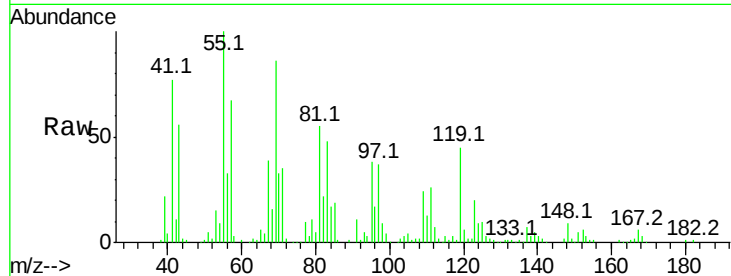
Tot Ion:122 Resp: 601

Ion Ratio Lower Upper

122 100

105 239.8 101.1 141.1#

77 510.8 70.7 110.7#



#33

4-Chloroaniline

Concen: 2.748 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.03 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Tgt Ion:127 Resp: 21030

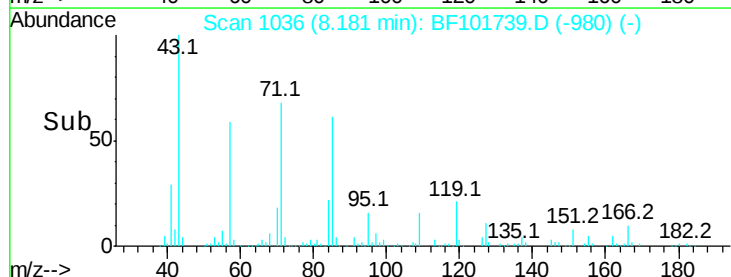
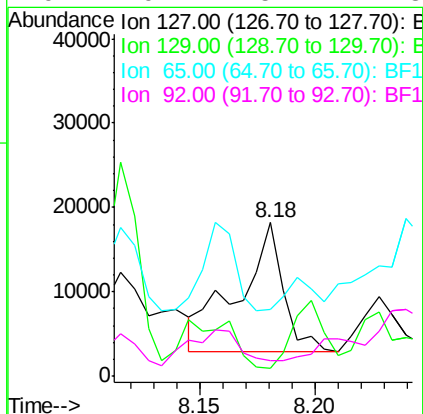
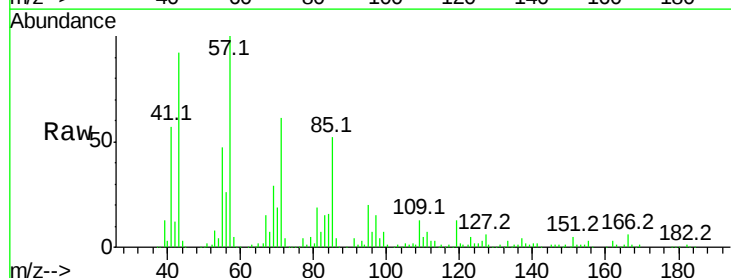
Ion Ratio Lower Upper

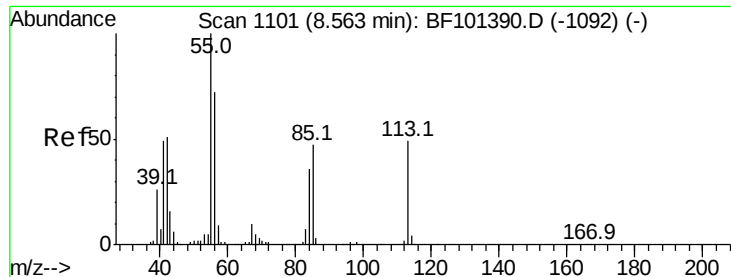
127 100

129 5.3 25.9 38.9#

65 43.5 25.0 37.4#

92 9.7 15.2 22.8#





#35

Caprolactam

Concen: 9.173 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

DB-SW1-7

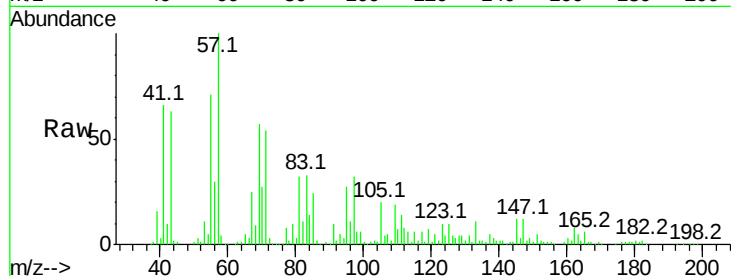
Tot Ion:113 Resp: 15969

Ion Ratio Lower Upper

113 100

55 1236.7 163.3 203.3#

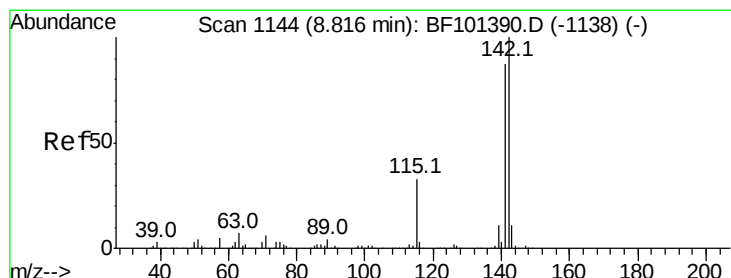
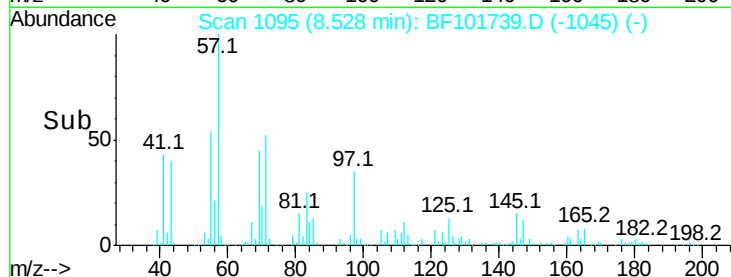
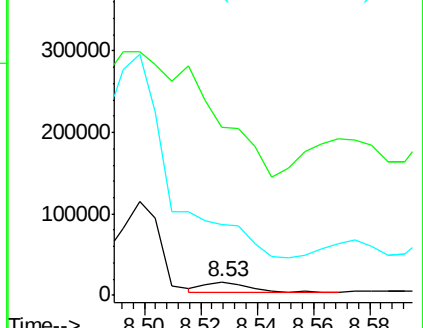
56 526.0 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#37

2-Methylnaphthalene

Concen: 28.255 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.02 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

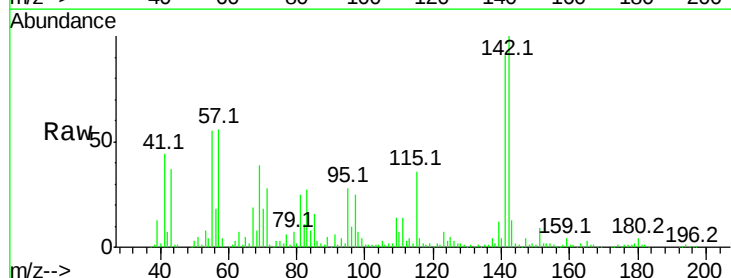
Tgt Ion:142 Resp: 324108

Ion Ratio Lower Upper

142 100

141 91.1 70.8 106.2

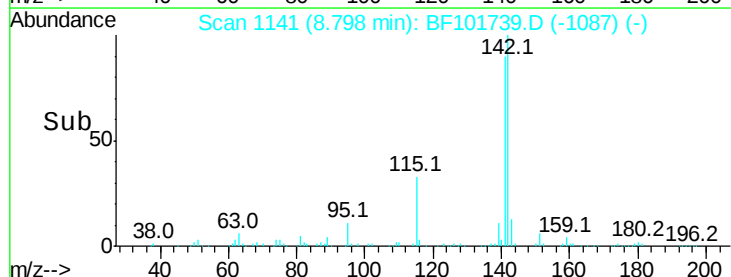
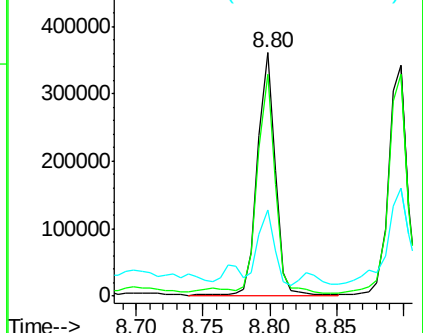
115 35.7 26.1 39.1

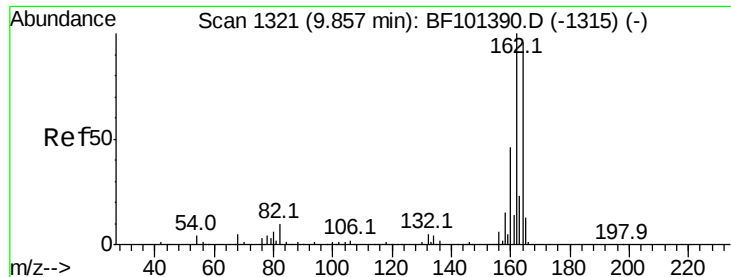


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.02 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

DB-SW1-7

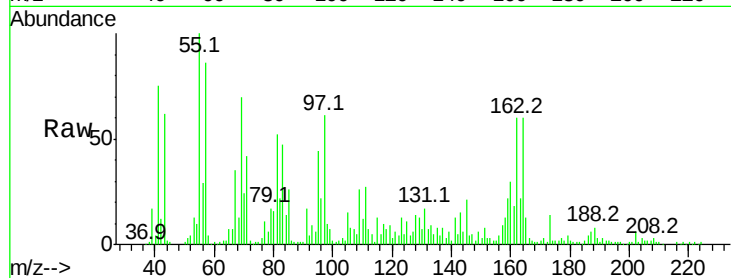
Tot Ion:164 Resp: 121374

Ion Ratio Lower Upper

164 100

162 100.2 86.1 129.1

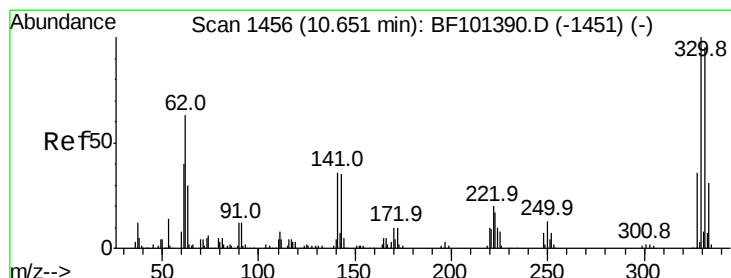
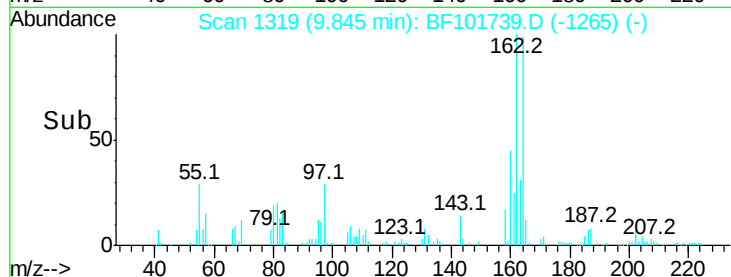
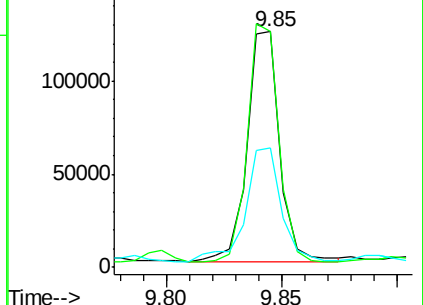
160 50.8 38.3 57.5



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: 43.210 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.02 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

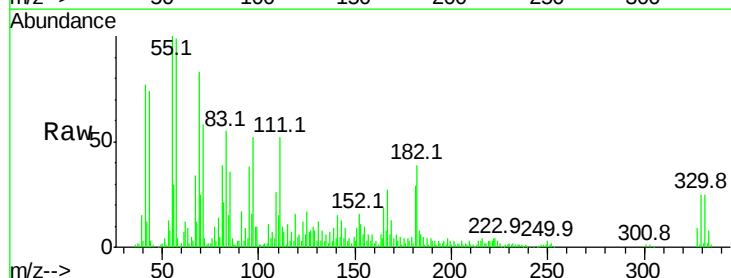
Tgt Ion:330 Resp: 50536

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

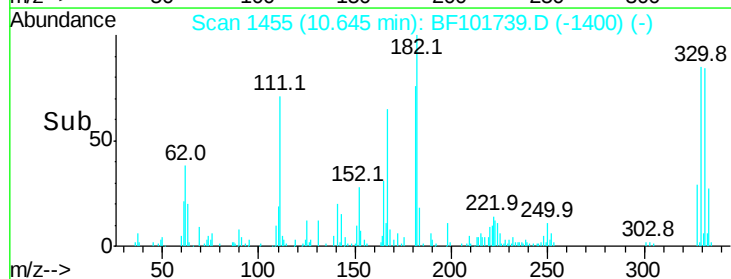
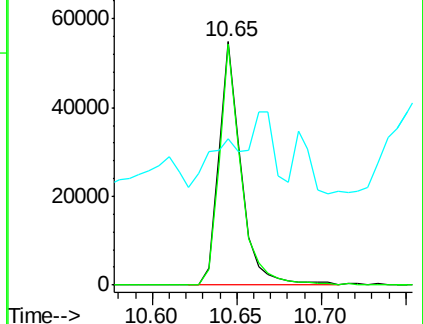
141 58.4 29.9 44.9#

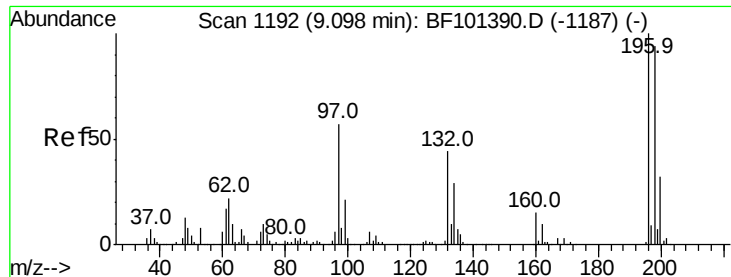


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 2.177 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.04 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

DB-SW1-7

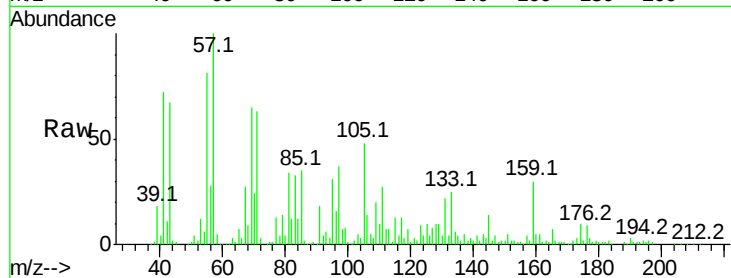
Tot Ion:196 Resp: 5370

Ion Ratio Lower Upper

196 100

198 0.0 75.7 113.5#

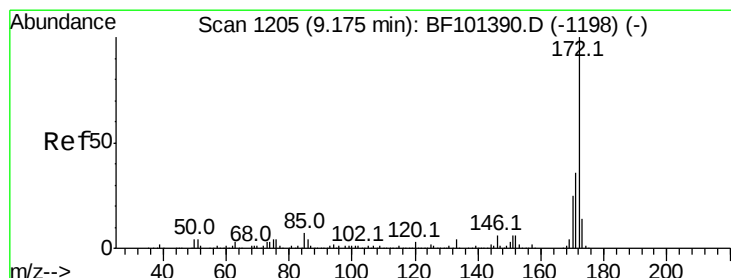
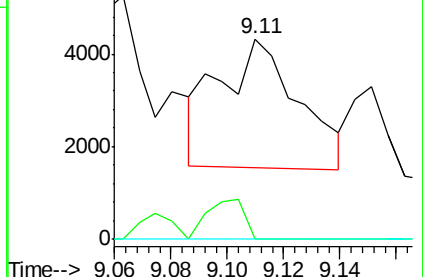
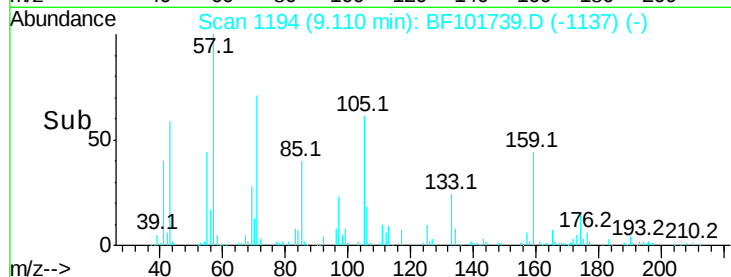
200 0.0 24.5 36.7#



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



#44

2-Fluorobiphenyl

Concen: 35.053 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

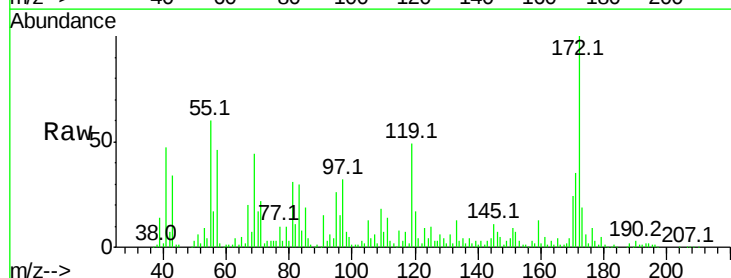
Tgt Ion:172 Resp: 274262

Ion Ratio Lower Upper

172 100

171 35.3 29.7 44.5

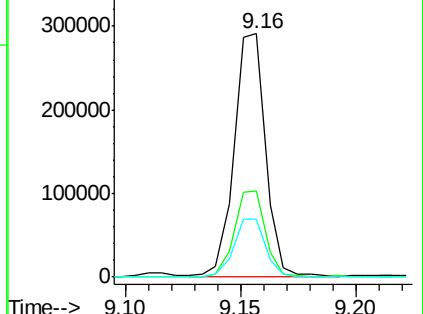
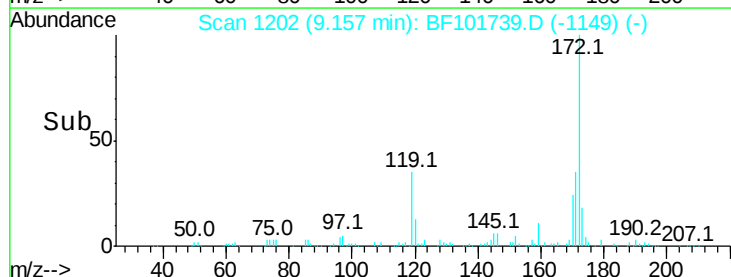
170 23.9 19.6 29.4

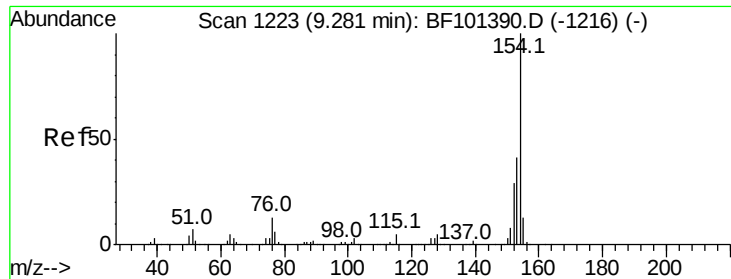


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 2.838 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

DB-SW1-7

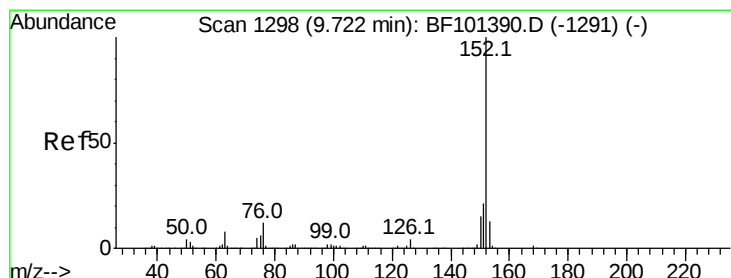
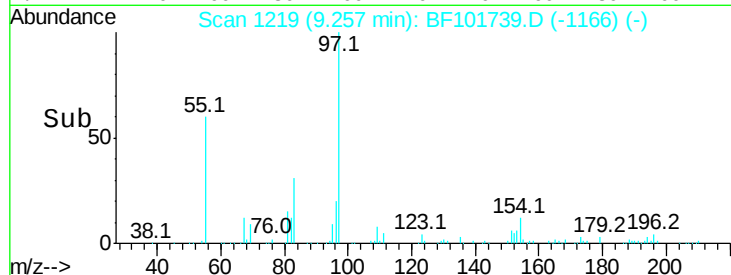
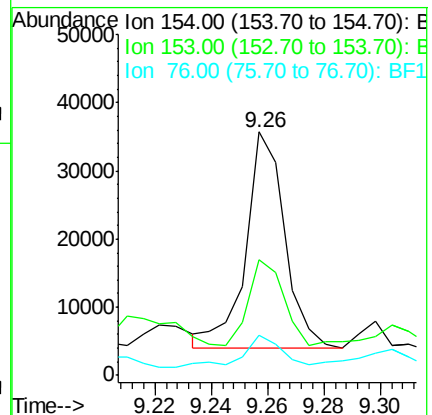
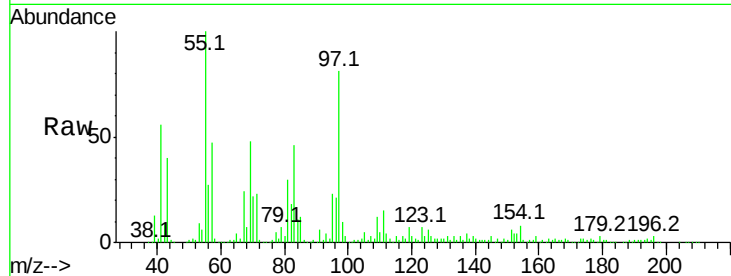
Tot Ion:154 Resp: 30552

Ion Ratio Lower Upper

154 100

153 47.5 21.3 61.3

76 16.2 0.0 34.0



#48

Acenaphthylene

Concen: 2.021 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.02 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

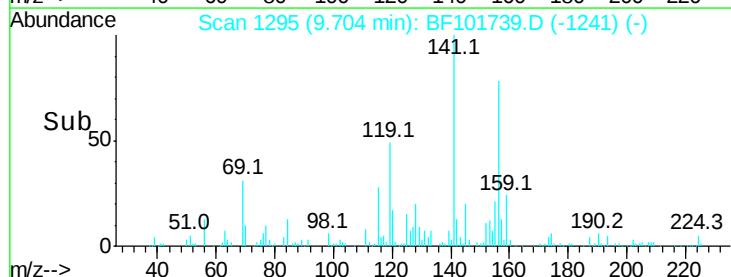
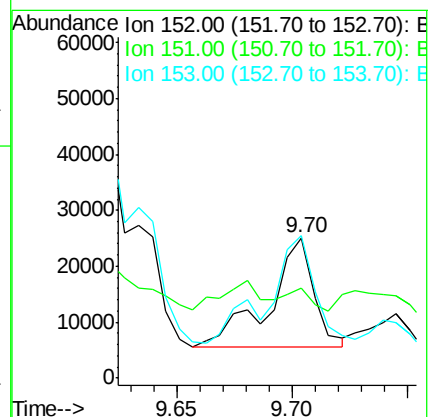
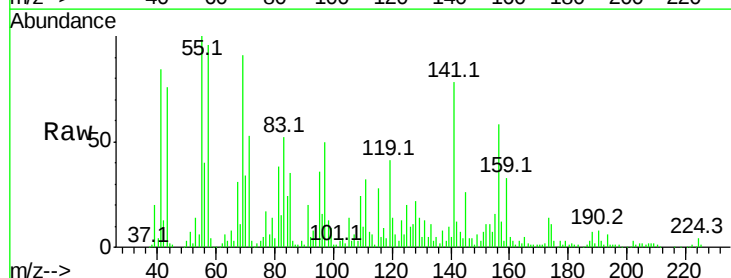
Tgt Ion:152 Resp: 26297

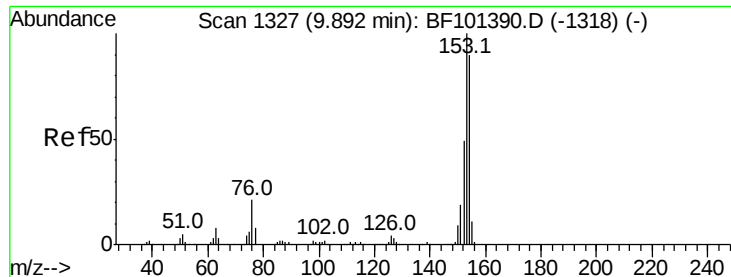
Ion Ratio Lower Upper

152 100

151 64.5 16.3 24.5#

153 101.7 10.7 16.1#





#51

Acenaphthene

Concen: 6.097 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

DB-SW1-7

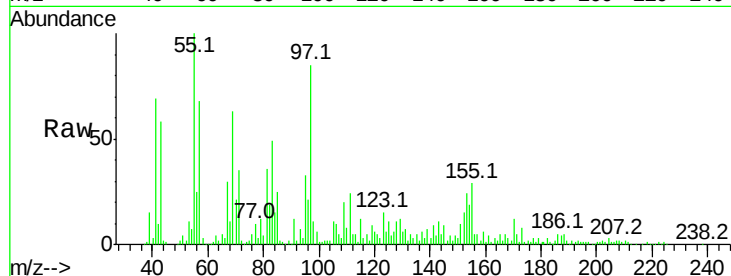
Tot Ion:154 Resp: 47656

Ion Ratio Lower Upper

154 100

153 128.1 91.2 136.8

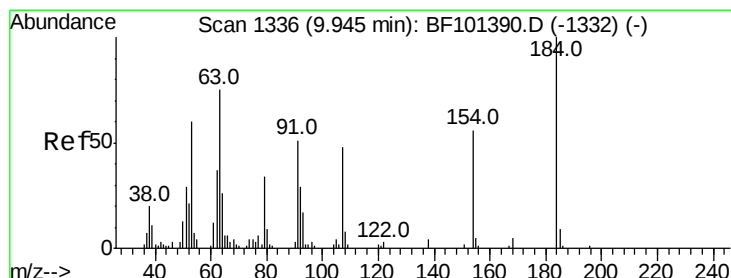
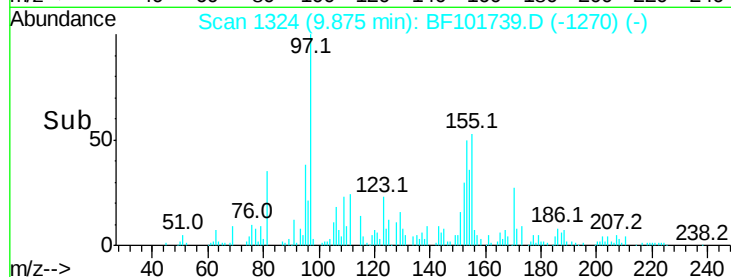
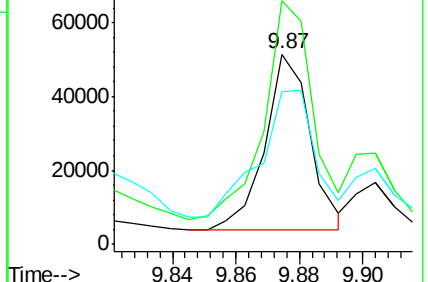
152 80.5 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 12.216 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.04 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

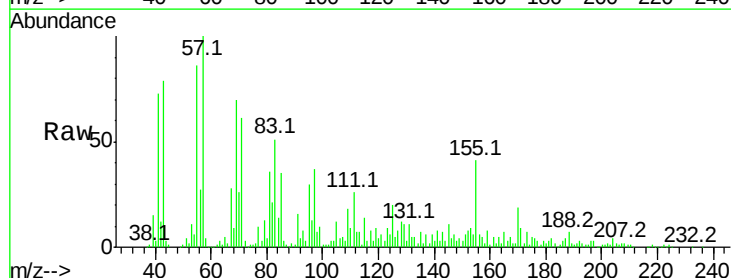
Tgt Ion:184 Resp: 1504

Ion Ratio Lower Upper

184 100

63 900.8 54.2 81.2#

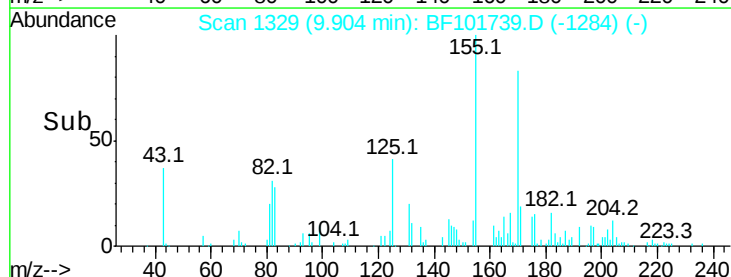
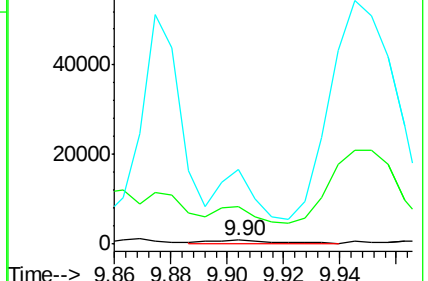
154 1800.9 184.0 276.0#

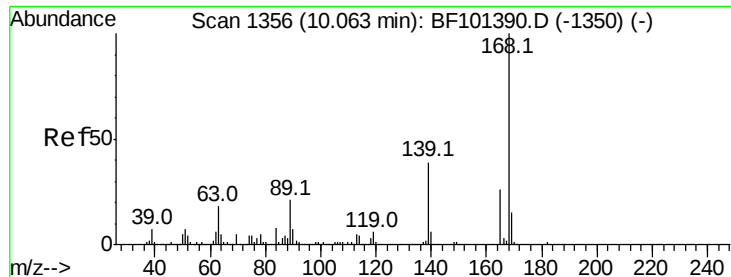


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 7.646 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.02 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

DB-SW1-7

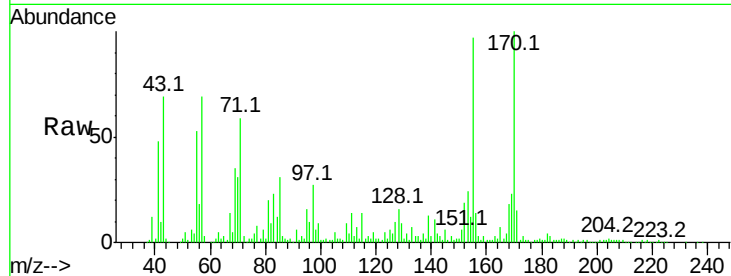
Tot Ion:168 Resp: 75947

Ion Ratio Lower Upper

168 100

139 75.3 30.1 45.1#

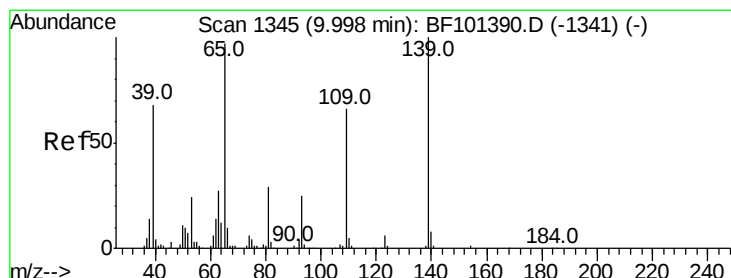
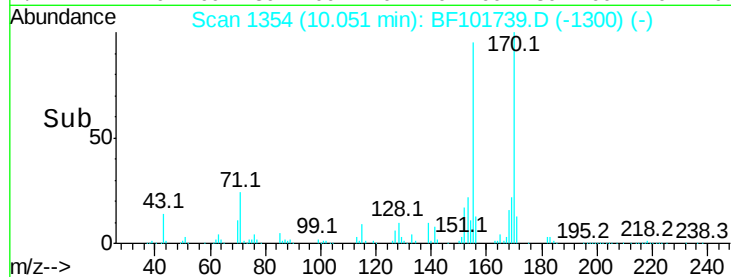
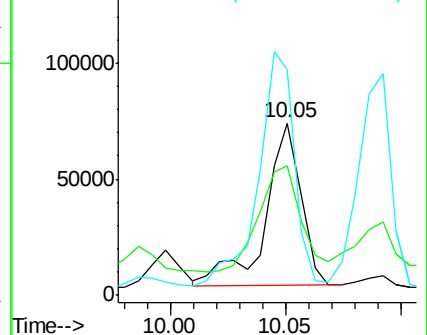
169 131.1 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 8.649 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

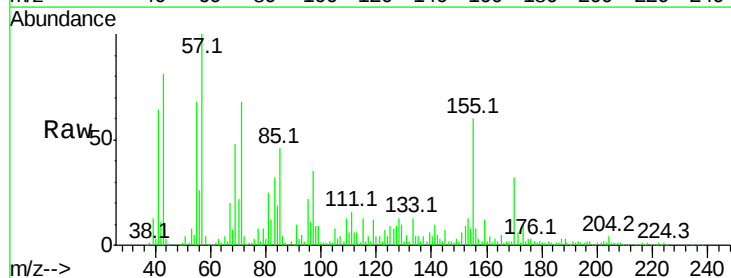
Tgt Ion:139 Resp: 9330

Ion Ratio Lower Upper

139 100

109 209.4 48.4 88.4#

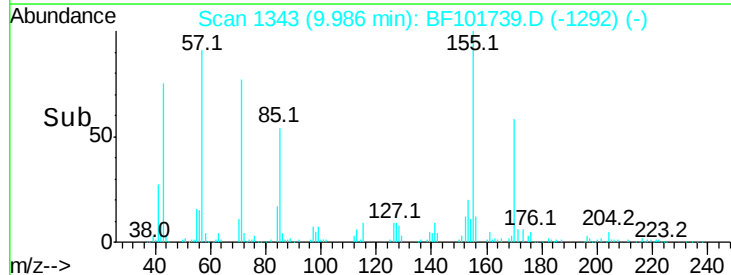
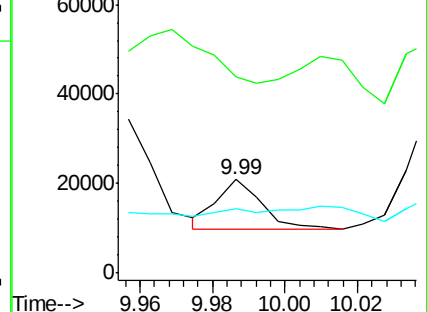
65 68.4 72.6 112.6#

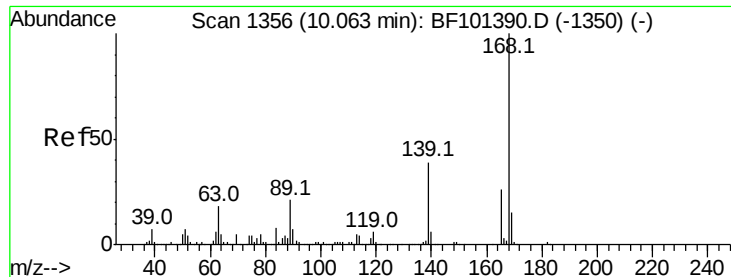


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

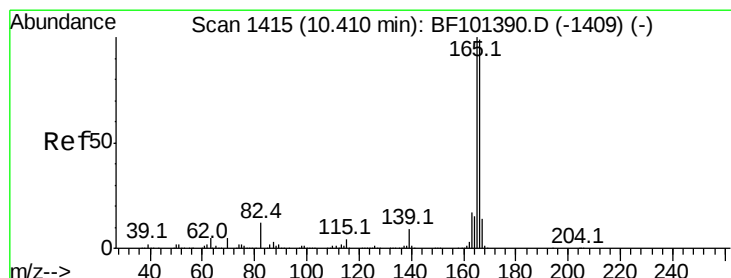
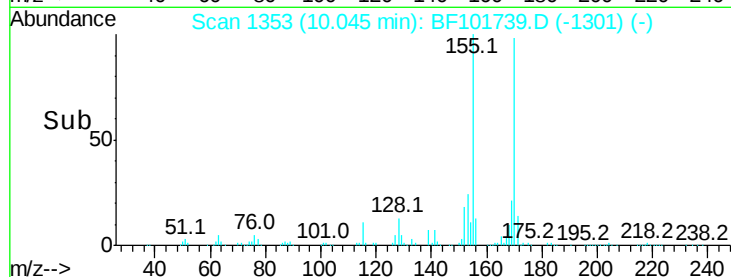
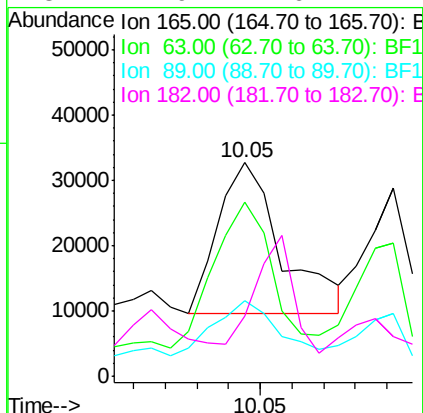
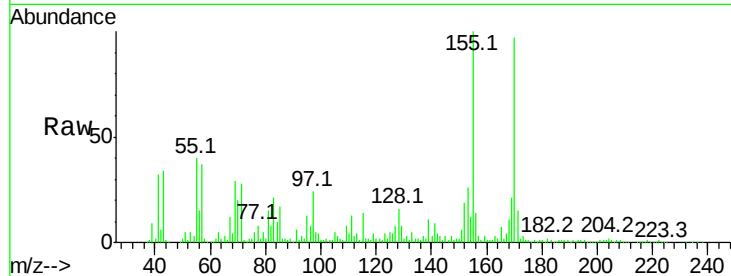




#56
 2,4-Dinitrotoluene
 Concen: 14.463 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF101739.D
 Acq: 27 Dec 2017 2:54

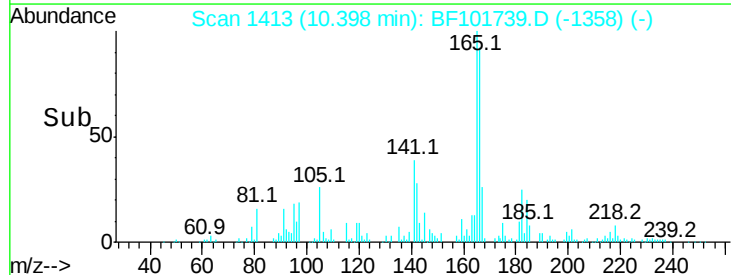
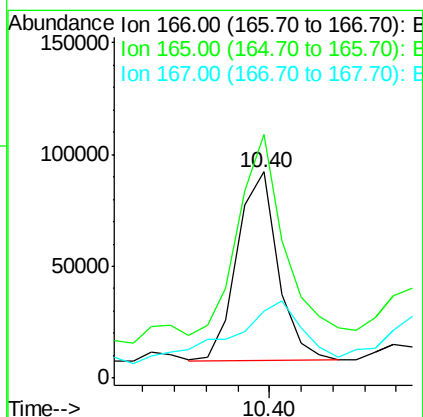
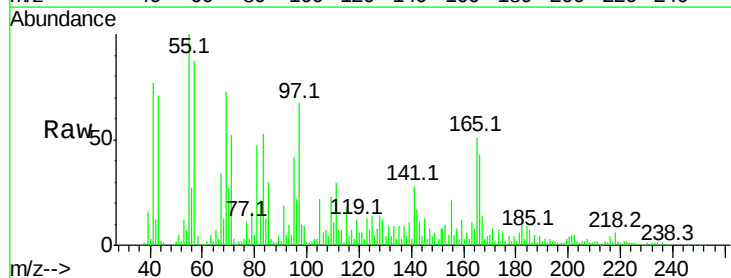
Instrument :
 BNA_F
 ClientSampleId :
 DB-SW1-7

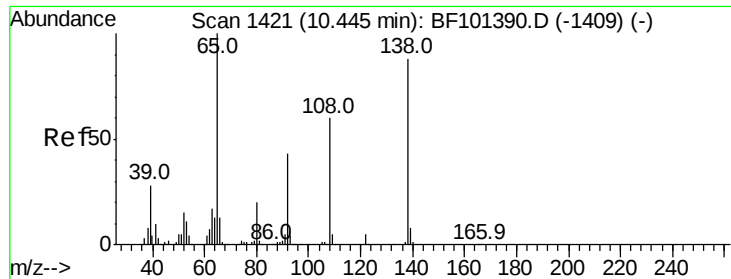
Tot Ion:165 Resp: 32333
 Ion Ratio Lower Upper
 165 100
 63 81.7 36.4 54.6#
 89 35.4 57.8 86.6#
 182 27.9 1.6 2.4#



#57
 Fluorene
 Concen: 9.024 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.02 min
 Lab File: BF101739.D
 Acq: 27 Dec 2017 2:54

Tgt Ion:166 Resp: 75823
 Ion Ratio Lower Upper
 166 100
 165 118.0 79.8 119.8
 167 32.2 10.6 16.0#





#61

4-Nitroaniline

Concen: 3.925 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.15 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

DB-SW1-7

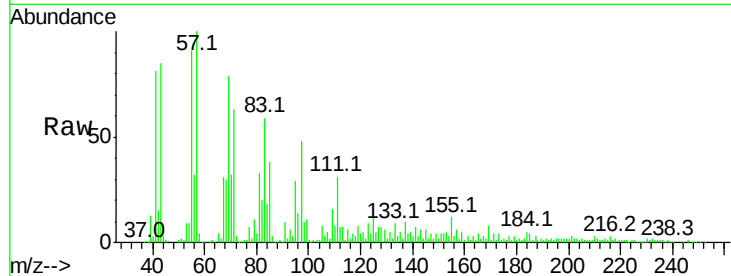
Tot Ion:138 Resp: 9761

Ion Ratio Lower Upper

138 100

92 46.2 30.2 70.2

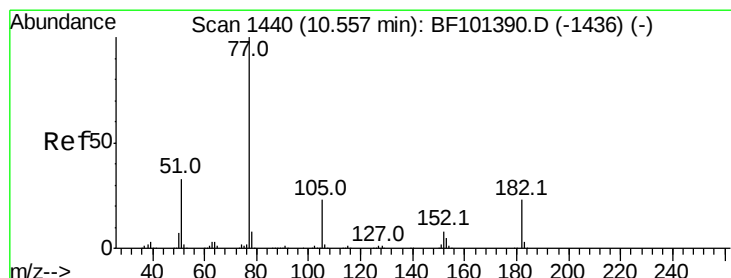
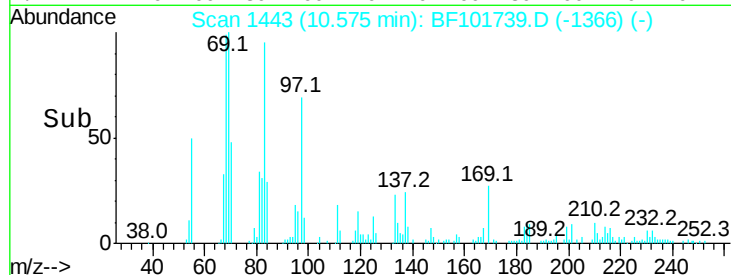
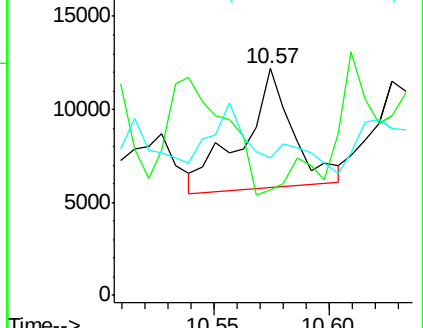
108 60.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 3.166 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.03 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Tgt Ion: 77 Resp: 31709

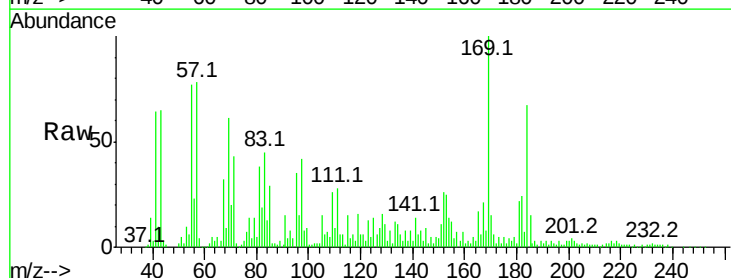
Ion Ratio Lower Upper

77 100

182 168.6 1.7 41.7#

105 105.6 3.0 43.0#

51 35.1 9.9 49.9

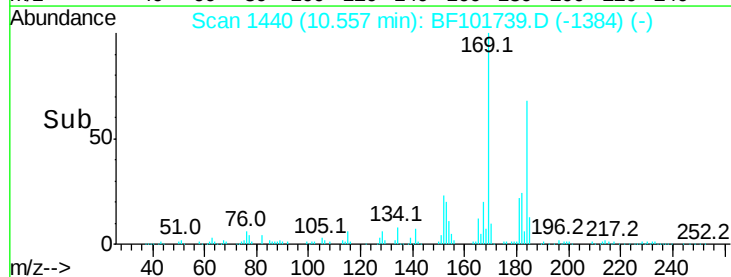
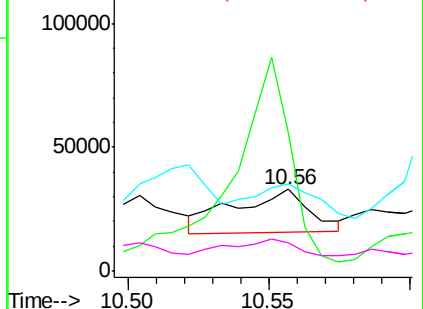


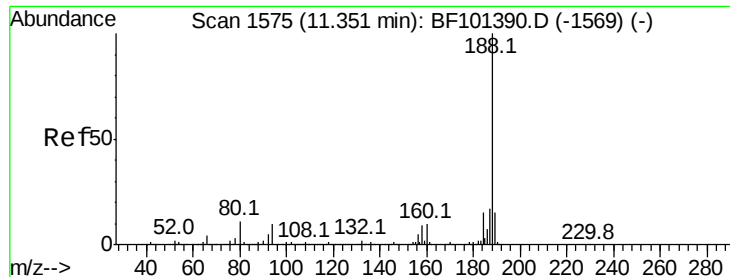
Abundance Ion 77.00 (76.70 to 77.70): BF1

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): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.02 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

DB-SW1-7

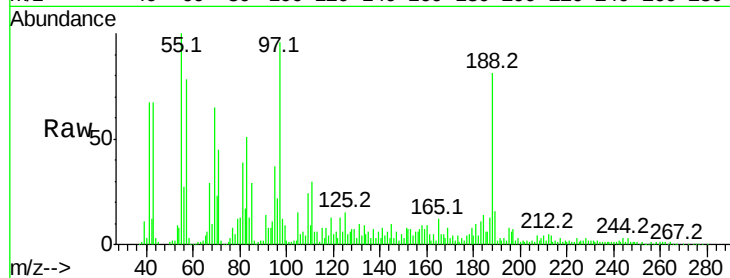
Tot Ion:188 Resp: 175955

Ion Ratio Lower Upper

188 100

94 13.5 8.5 12.7#

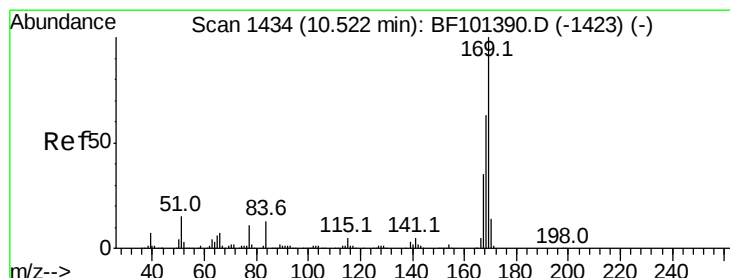
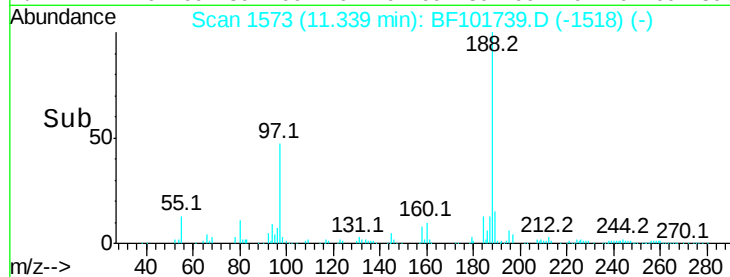
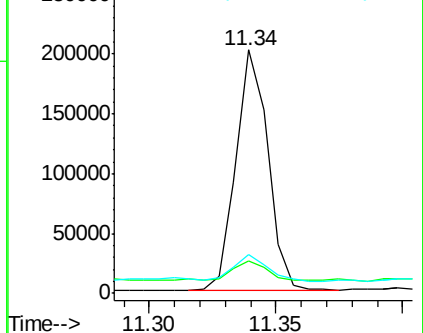
80 15.8 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

n-Nitrosodiphenylamine

Concen: 36.430 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.02 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

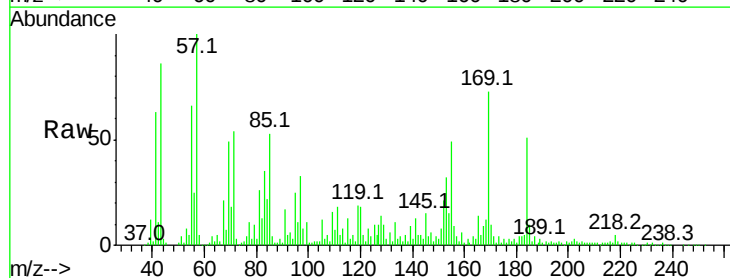
Tgt Ion:169 Resp: 236685

Ion Ratio Lower Upper

169 100

168 16.4 54.4 81.6#

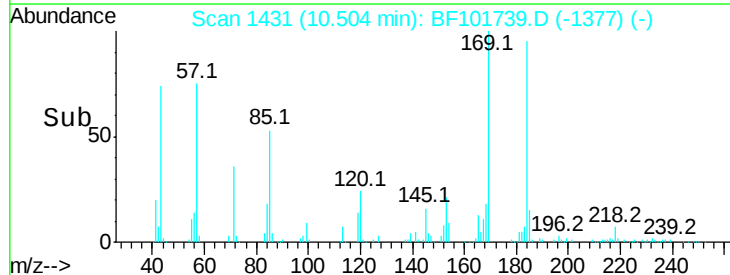
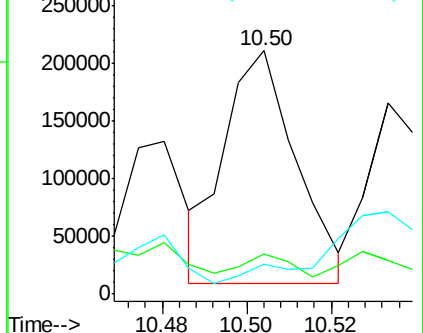
167 12.2 29.8 44.6#

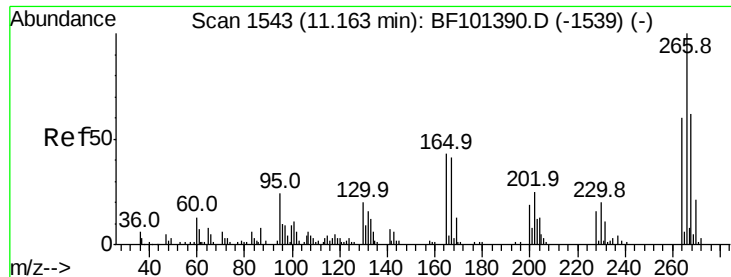


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

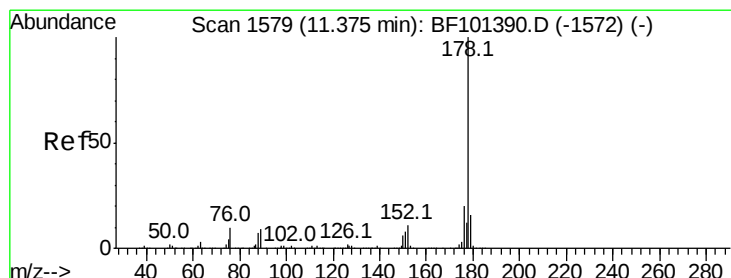
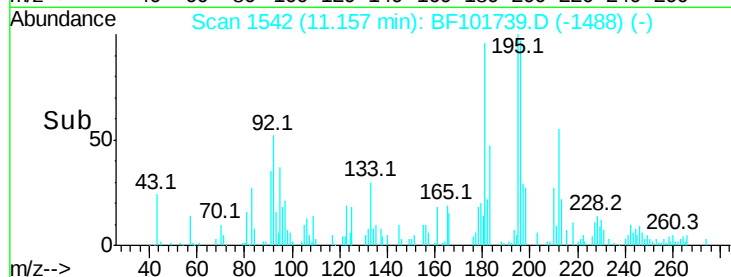
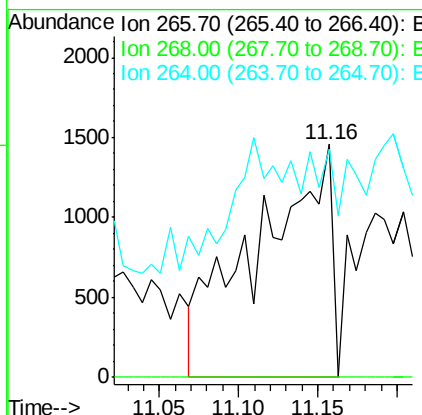
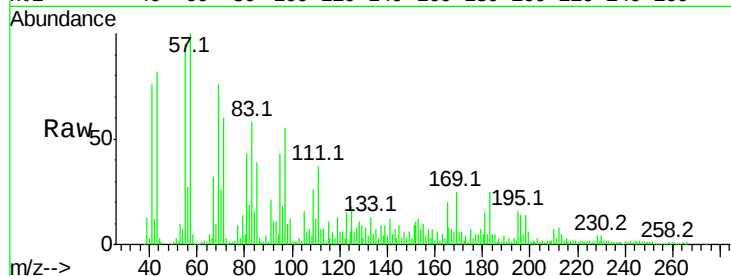




#69
 Pentachlorophenol
 Concen: 11.843 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.02 min
 Lab File: BF101739.D
 Acq: 27 Dec 2017 2:54

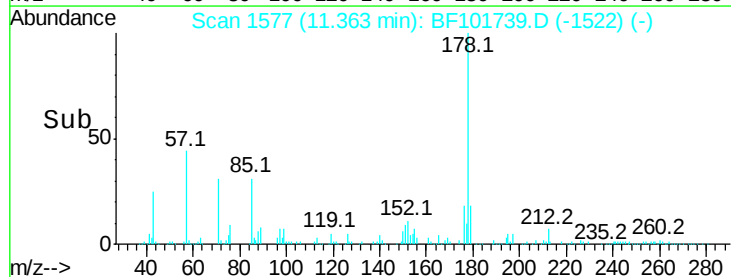
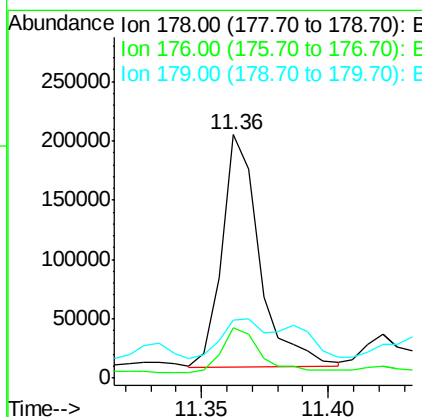
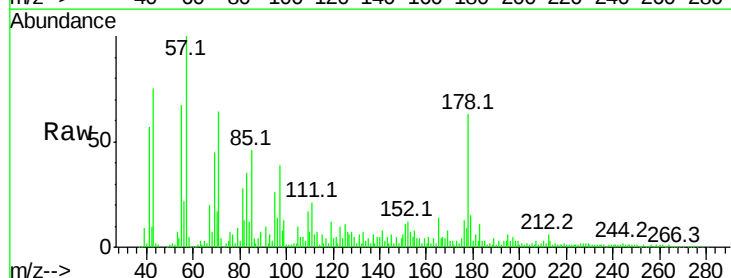
Instrument :
 BNA_F
 ClientSampleId :
 DB-SW1-7

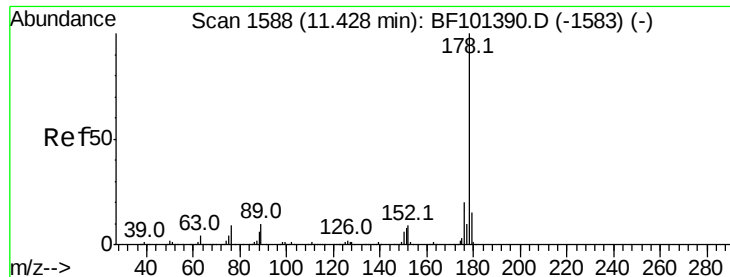
Tot Ion:266 Resp: 4686
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 97.8 49.5 74.3#



#70
 Phenanthrene
 Concen: 20.658 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.02 min
 Lab File: BF101739.D
 Acq: 27 Dec 2017 2:54

Tgt Ion:178 Resp: 202138
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.8 23.8
 179 23.9 13.0 19.6#

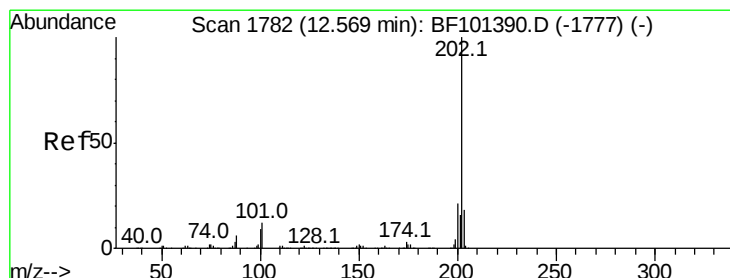
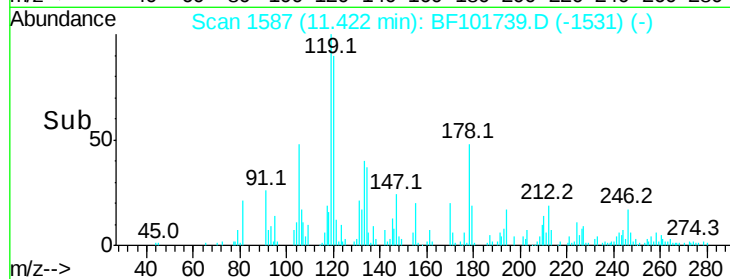
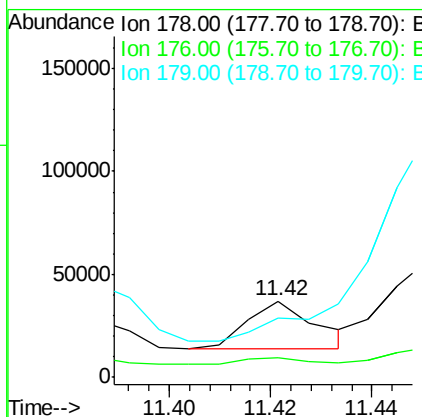
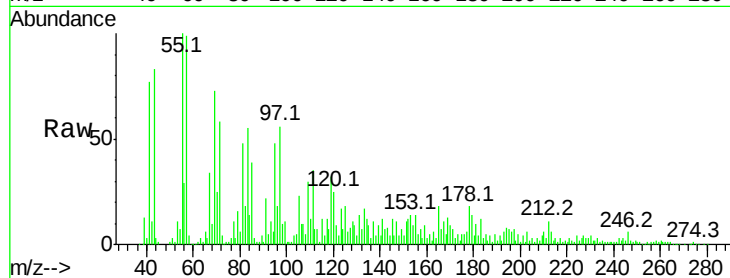




#71
 Anthracene
 Concen: 2.158 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.03 min
 Lab File: BF101739.D
 Acq: 27 Dec 2017 2:54

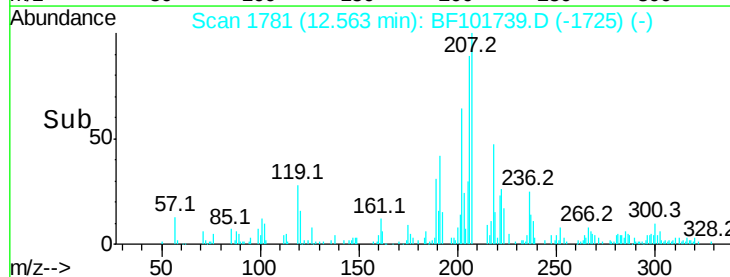
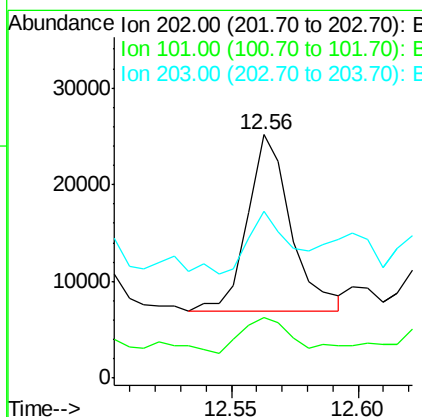
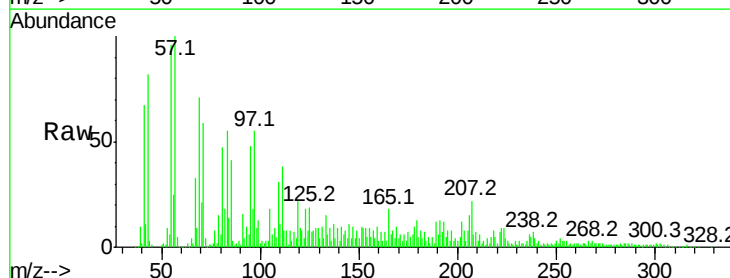
Instrument :
 BNA_F
 ClientSampleId :
 DB-SW1-7

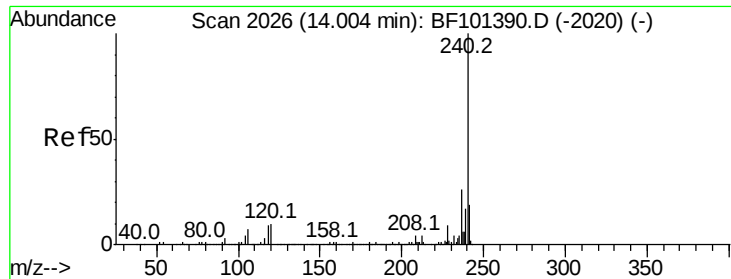
Tot Ion:178 Resp: 21566
 Ion Ratio Lower Upper
 178 100
 176 26.6 15.4 23.2#
 179 77.4 12.6 19.0#



#74
 Fluoranthene
 Concen: 2.139 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. 0.03 min
 Lab File: BF101739.D
 Acq: 27 Dec 2017 2:54

Tgt Ion:202 Resp: 21968
 Ion Ratio Lower Upper
 202 100
 101 25.1 0.0 34.1
 203 68.4 0.0 38.1#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.03 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

DB-SW1-7

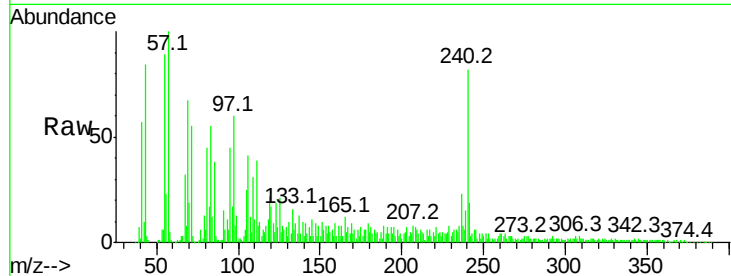
Tot Ion:240 Resp: 164233

Ion Ratio Lower Upper

240 100

120 20.8 9.5 14.3#

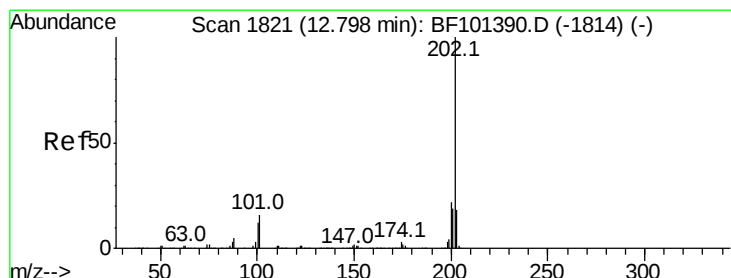
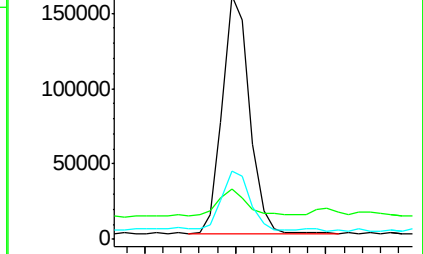
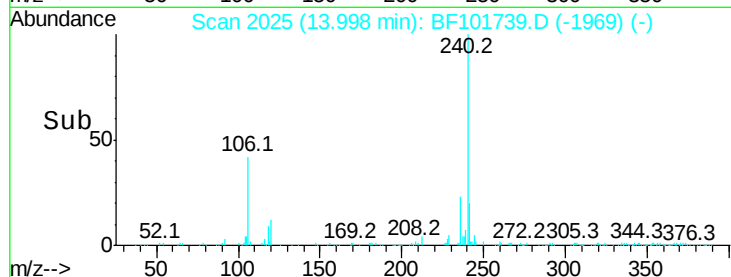
236 28.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.177 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.04 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

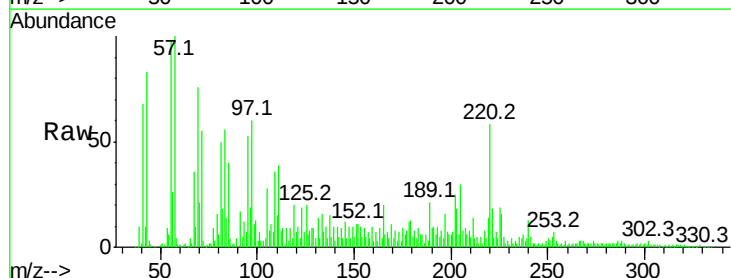
Tgt Ion:202 Resp: 51480

Ion Ratio Lower Upper

202 100

200 24.0 17.4 26.2

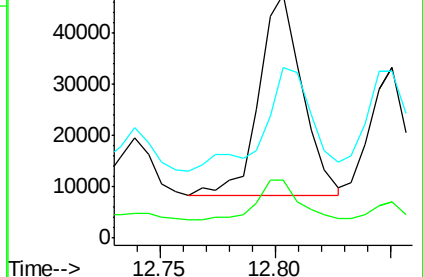
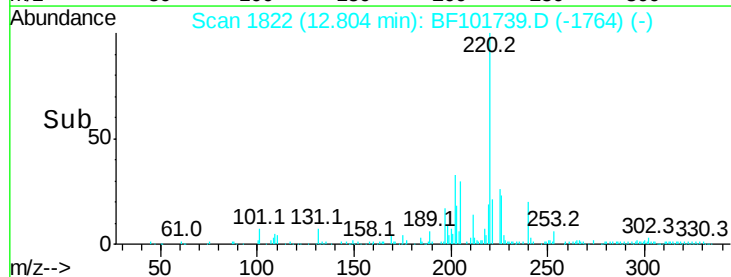
203 70.3 14.3 21.5#

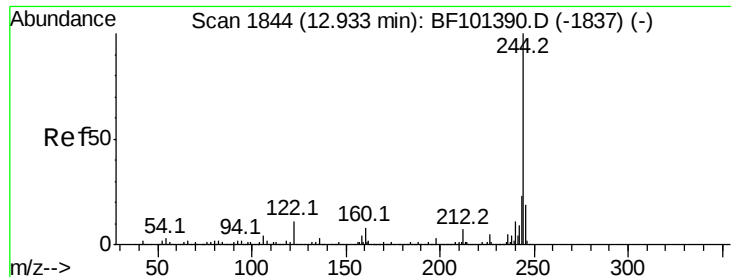


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 28.887 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.02 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

DB-SW1-7

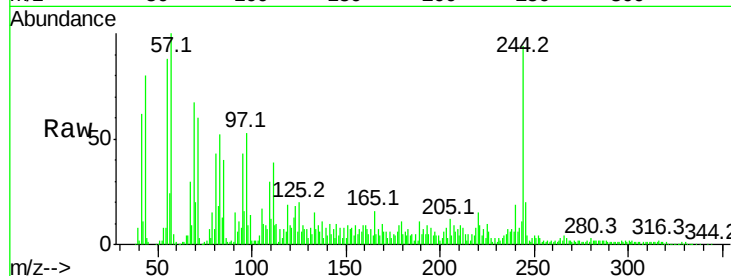
Tot Ion:244 Resp: 196792

Ion Ratio Lower Upper

244 100

212 8.4 5.4 8.0#

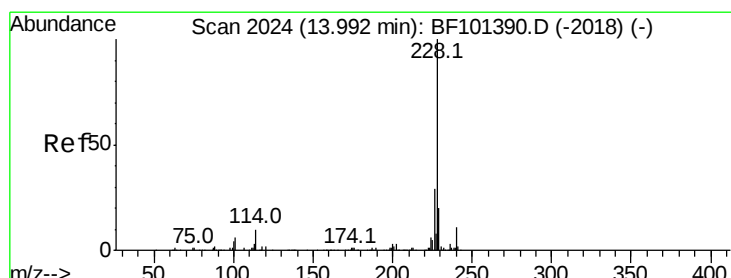
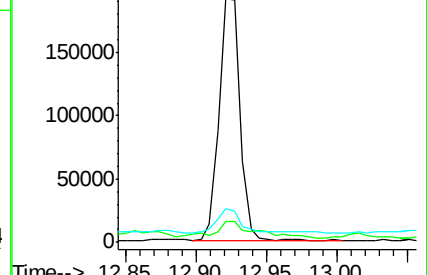
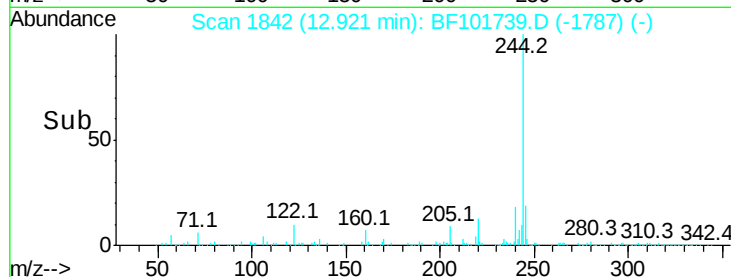
122 14.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 4.257 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.05 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

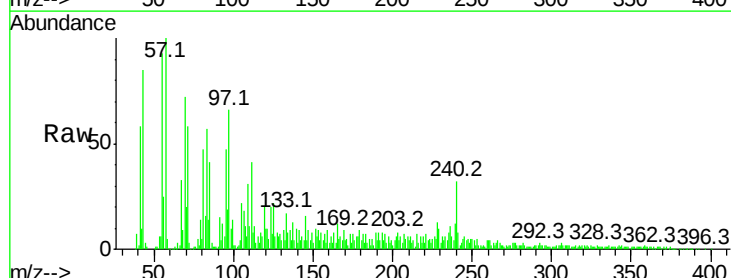
Tgt Ion:228 Resp: 46164

Ion Ratio Lower Upper

228 100

226 48.1 22.6 33.8#

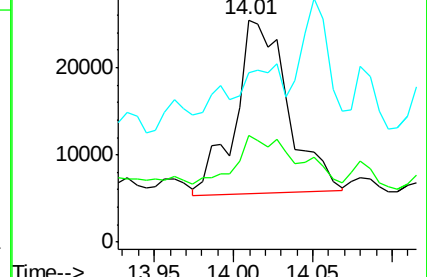
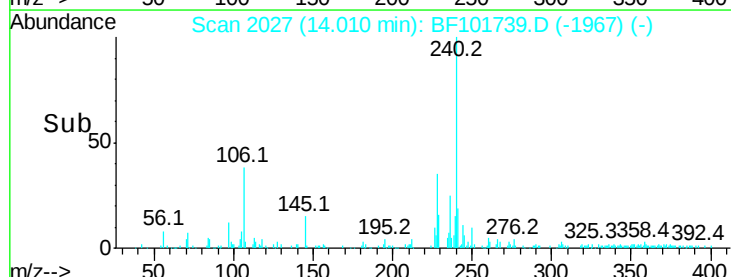
229 76.0 15.8 23.6#

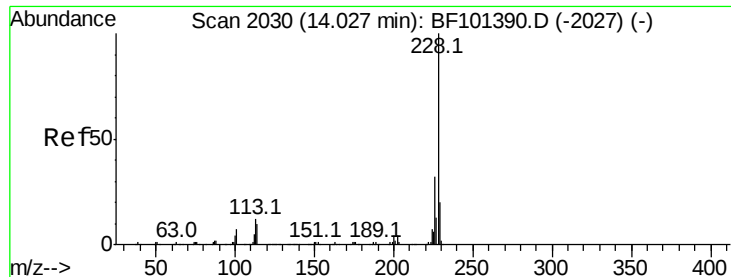


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 4.558 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

DB-SW1-7

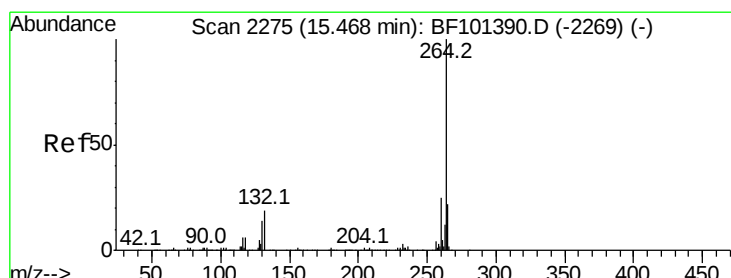
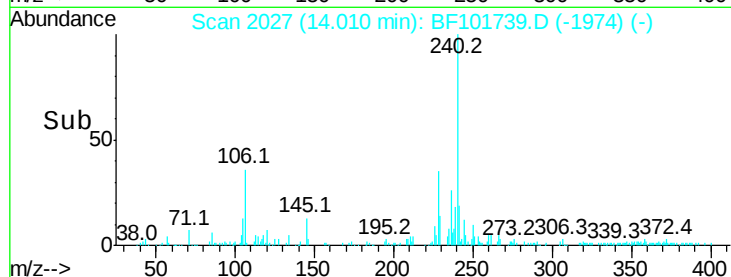
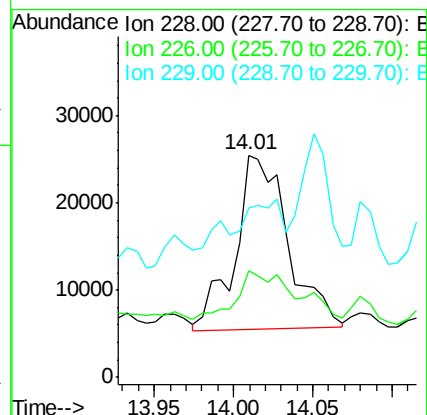
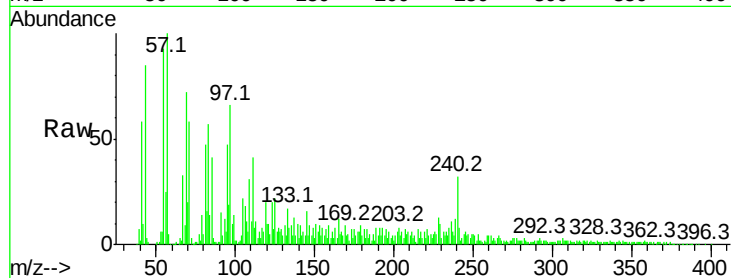
Tot Ion:228 Resp: 46672

Ion Ratio Lower Upper

228 100

226 48.1 25.0 37.6#

229 76.0 16.2 24.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.05 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Tgt Ion:264 Resp: 164941

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 23.7 17.5 26.3

