

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101410.D
 Acq On : 14 Dec 2017 22:57
 Operator : SJ/JU
 Sample : I6844-01 100X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 23:49:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	158964	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	629899	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	293811	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	545852	20.00	ng	0.00
75) Chrysene-d12	13.99	240	315401	20.00	ng	-0.01
86) Perylene-d12	15.46	264	302208	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	110	0.01	ng	0.07
7) Phenol-d6	6.45	99	2004	0.15	ng	0.00
23) Nitrobenzene-d5	7.39	82	987	0.09	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	263	0.09	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2194	0.12	ng	0.00
78) Terphenyl-d14	12.93	244	3144	0.24	ng	0.00

Target Compounds

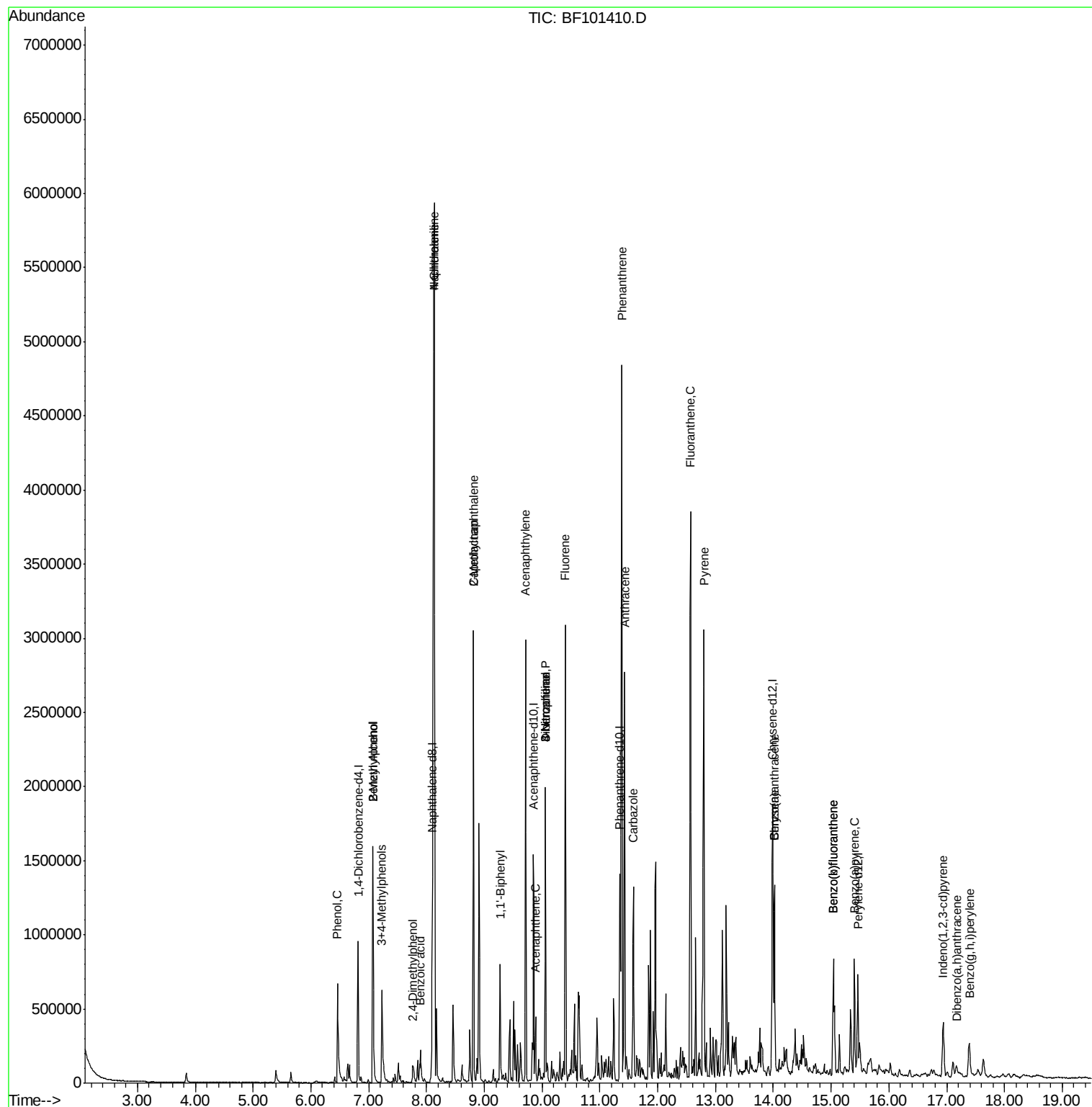
						Qvalue
10) Phenol	6.46	94	318407	21.034	ng	98
15) Benzyl Alcohol	7.07	79	26420	2.890	ng	# 1
17) 2-Methylphenol	7.07	107	60278	5.837	ng	97
20) 3+4-Methylphenols	7.23	107	214332	19.587	ng	89
27) 2,4-Dimethylphenol	7.76	122	45943	5.026	ng	96
31) Naphthalene	8.13	128	4276508	134.857	ng	98
32) Benzoic acid	7.90	122	42139	13.668	ng	# 16
33) 4-Chloroaniline	8.13	127	600947	43.601	ng	# 35
35) Caprolactam	8.81	113	19185	6.118	ng	# 1
37) 2-Methylnaphthalene	8.81	142	876559	42.427	ng	99
45) 1,1'-Biphenyl	9.27	154	252348	9.685	ng	97
48) Acenaphthylene	9.72	152	1187437	37.708	ng	100
51) Acenaphthene	9.89	154	71857	3.798	ng	95
52) 3-Nitroaniline	10.06	138	13100	2.188	ng	# 12
54) Dibenzofuran	10.06	168	790453	32.876	ng	98
55) 4-Nitrophenol	10.06	139	300120	114.934	ng	# 10
57) Fluorene	10.40	166	912448	44.861	ng	99
70) Phenanthrene	11.38	178	2324829	76.586	ng	98
71) Anthracene	11.43	178	1100418	35.489	ng	100
72) Carbazole	11.58	167	456310	15.718	ng	99
74) Fluoranthene	12.57	202	1679395	52.707	ng	98
77) Pyrene	12.80	202	1317092	55.642	ng	99
80) Benzo(a)anthracene	14.02	228	475838	22.848	ng	95
82) Chrysene	14.02	228	475838	24.198	ng	96
85) Indeno(1,2,3-cd)pyrene	16.94	276	202291	11.552	ng	93
87) Benzo(b)fluoranthene	15.04	252	605995	32.898	ng	96
88) Benzo(k)fluoranthene	15.04	252	605995	33.836	ng	98
89) Benzo(a)pyrene	15.40	252	359540	21.173	ng	97
90) Dibenzo(a,h)anthracene	17.17	278	29583	2.029	ng	95
91) Benzo(g,h,i)perylene	17.39	276	183862	12.736	ng	95

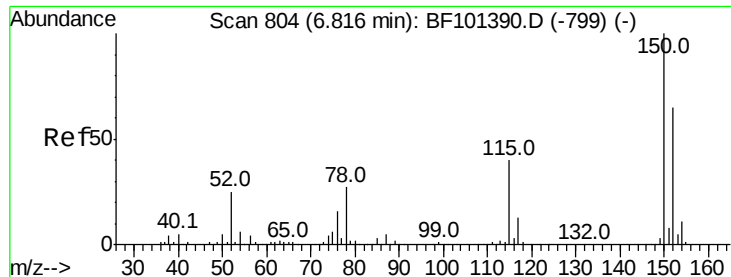
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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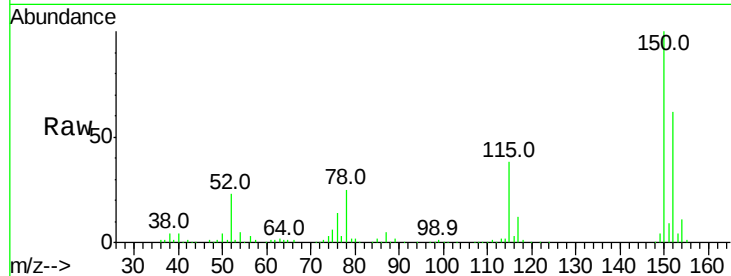


#1

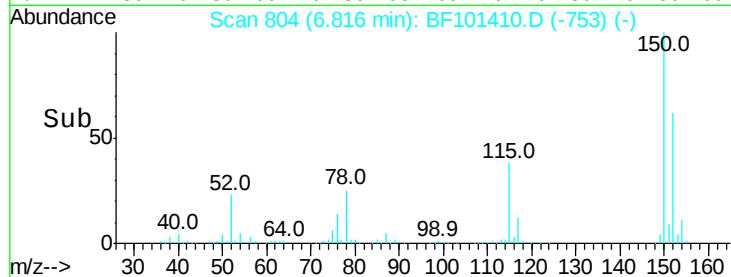
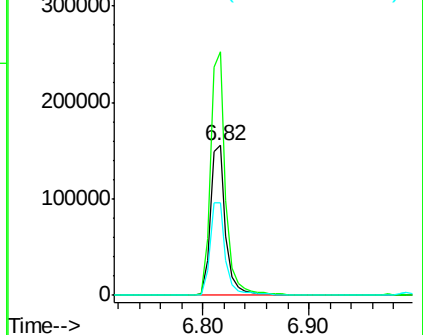
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158964
Ion Ratio Lower Upper
152 100
150 162.5 124.6 186.8
115 61.7 50.1 75.1



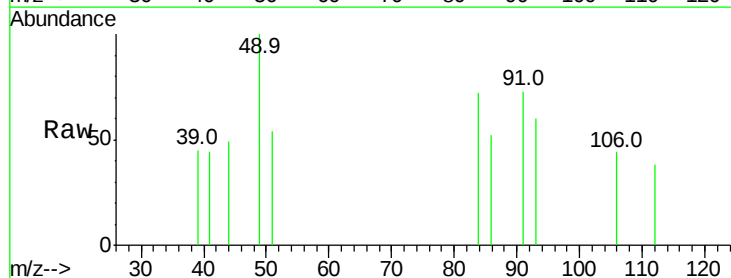
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



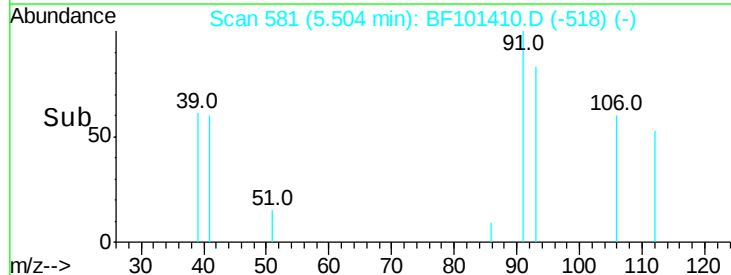
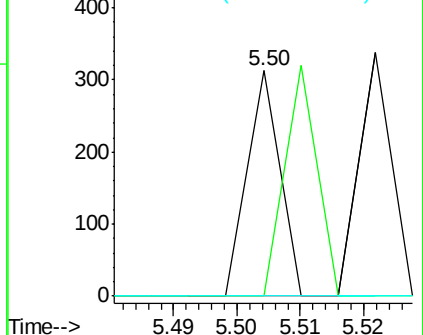
#5

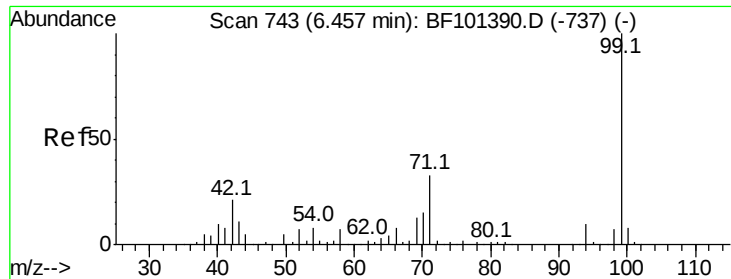
2-Fluorophenol
Concen: 0.010 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.07 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

Tgt Ion:112 Resp: 110
Ion Ratio Lower Upper
112 100
64 0.0 47.9 71.9#
63 0.0 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.151 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

Instrument :

BNA_F

ClientSampleId :

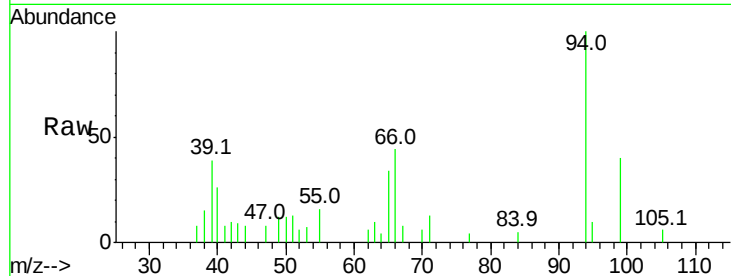
Tot Ion: 99 Resp: 2004

Ion Ratio Lower Upper

99 100

42 23.6 14.5 21.7#

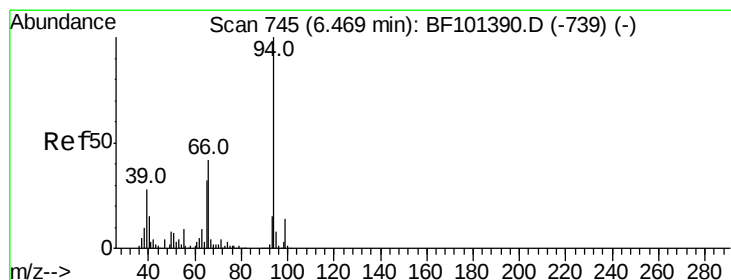
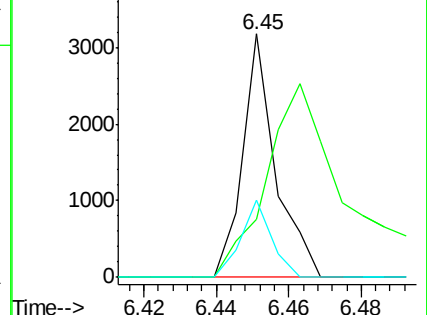
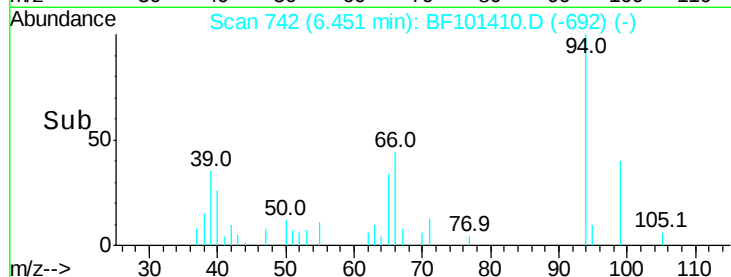
71 31.7 25.4 38.0



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: 21.034 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

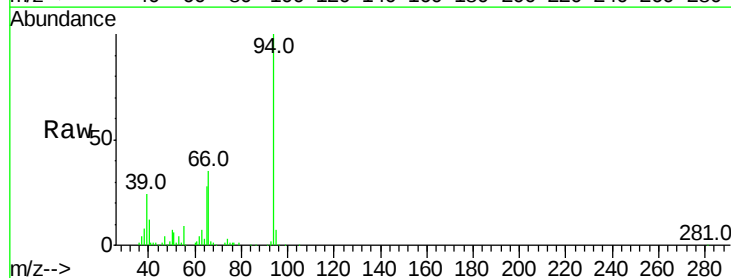
Tgt Ion: 94 Resp: 318407

Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

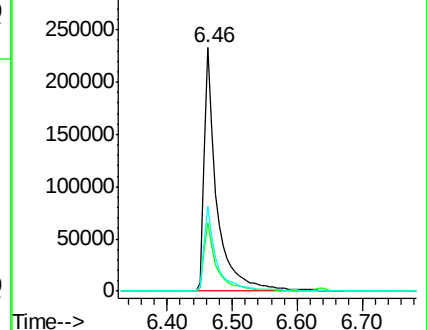
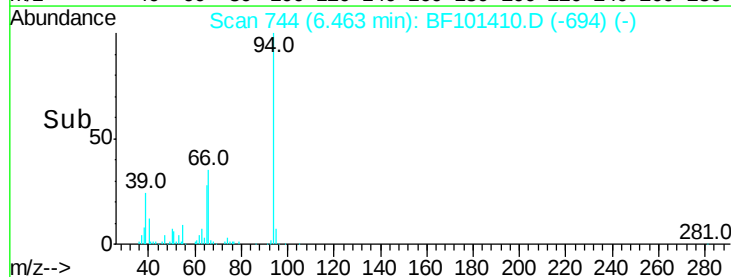
66 34.6 16.2 56.2

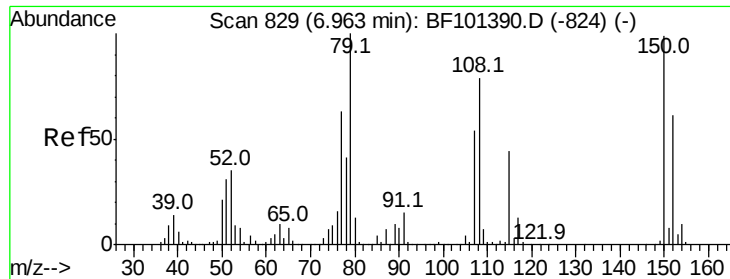


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 2.890 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.11 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

Instrument :

BNA_F

ClientSampleId :

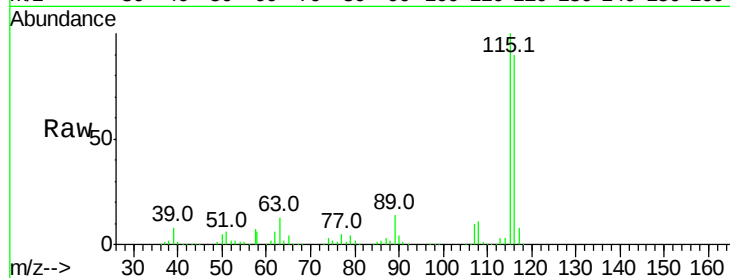
Tot Ion: 79 Resp: 26420

Ion Ratio Lower Upper

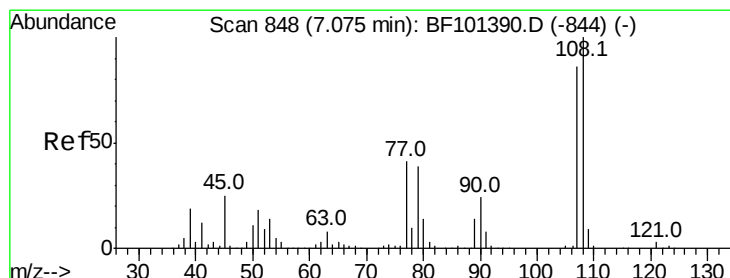
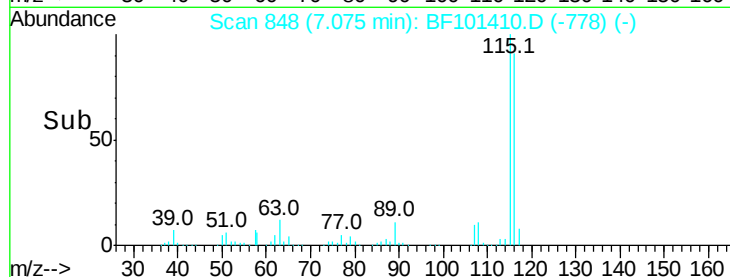
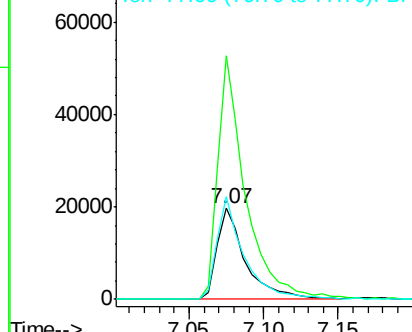
79 100

108 268.2 65.1 97.7#

77 112.7 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1



#17

2-Methylphenol

Concen: 5.837 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

Tgt Ion: 107 Resp: 60278

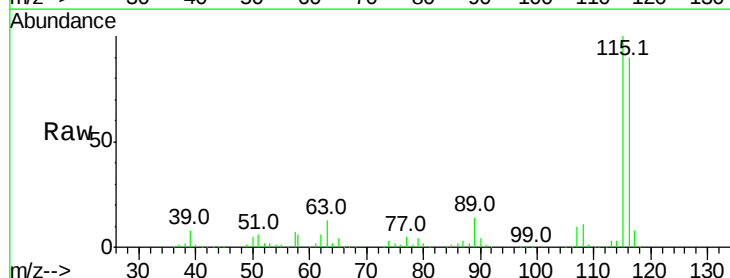
Ion Ratio Lower Upper

107 100

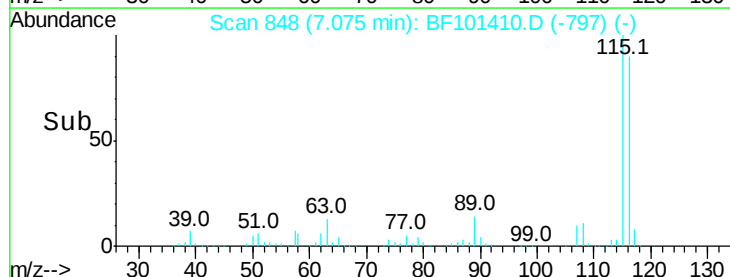
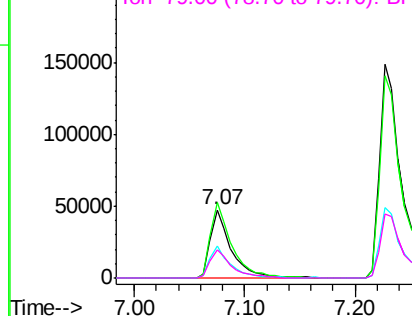
108 111.5 91.7 137.5

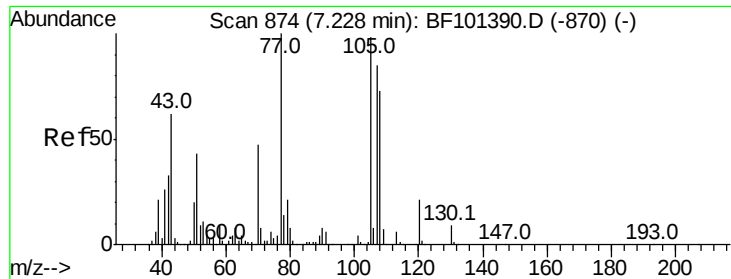
77 46.9 33.8 50.8

79 41.6 33.8 50.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#20

3+4-Methylphenols

Concen: 19.587 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 214332

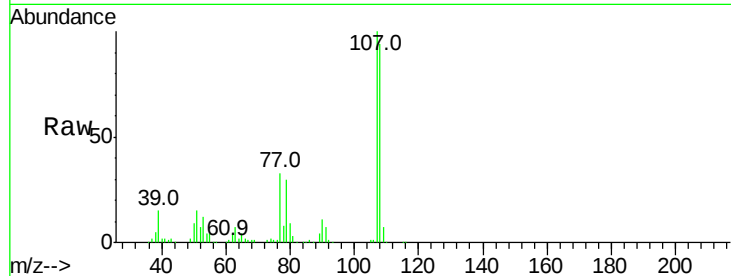
Ion Ratio Lower Upper

107 100

108 94.4 68.2 108.2

77 32.8 26.7 66.7

79 30.3 6.3 46.3

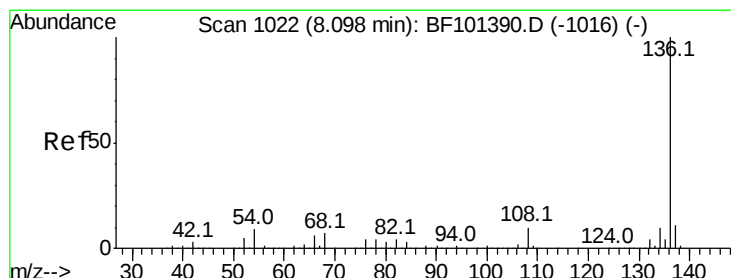
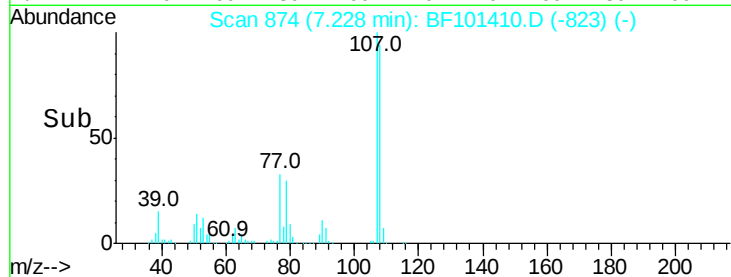
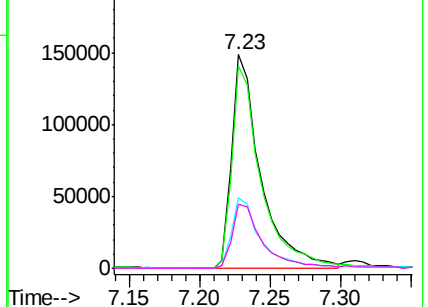


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

Tgt Ion:136 Resp: 629899

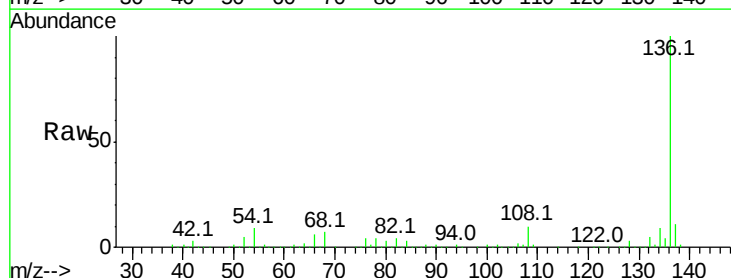
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.3 6.6 9.8

68 6.7 5.0 7.4

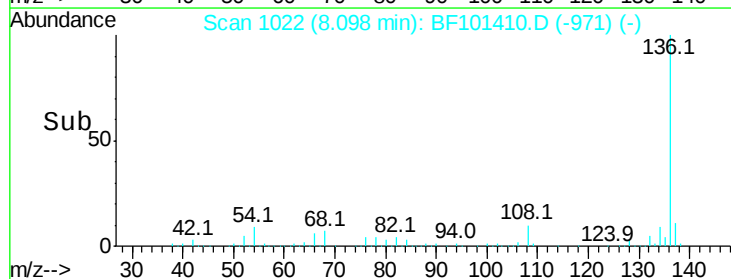
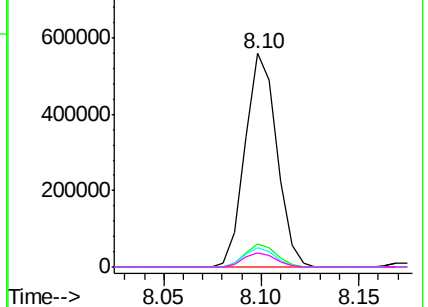


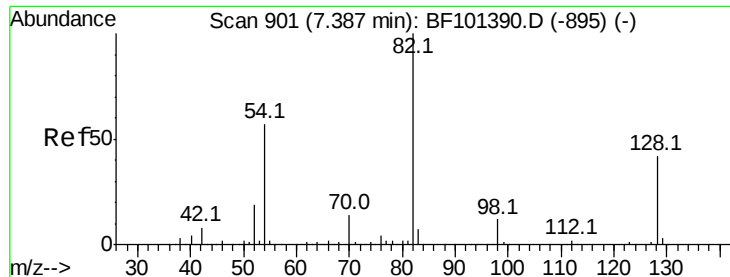
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

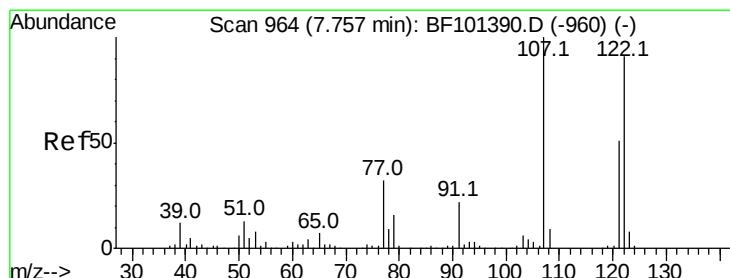
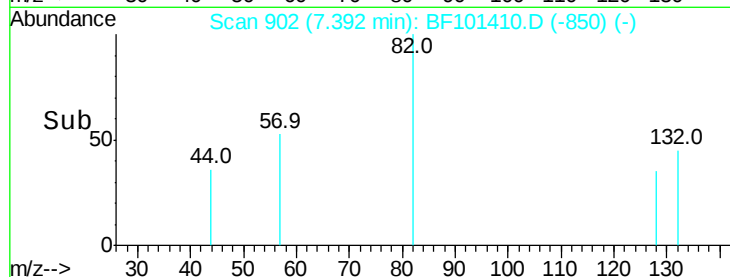
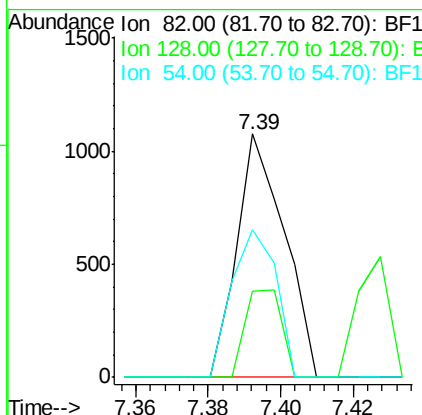
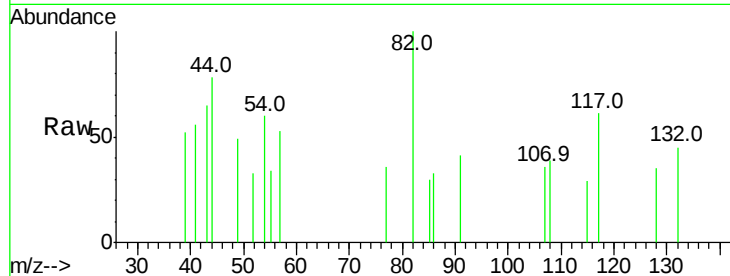




#23
 Nitrobenzene-d5
 Concen: 0.087 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF101410.D
 Acq: 14 Dec 2017 22:57

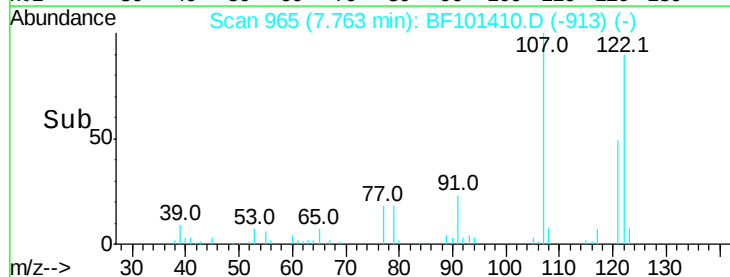
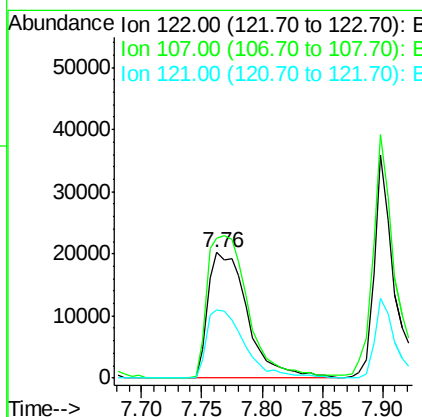
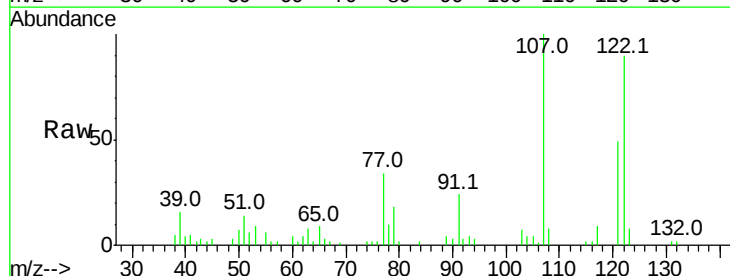
Instrument :
 BNA_F
 ClientSampled :

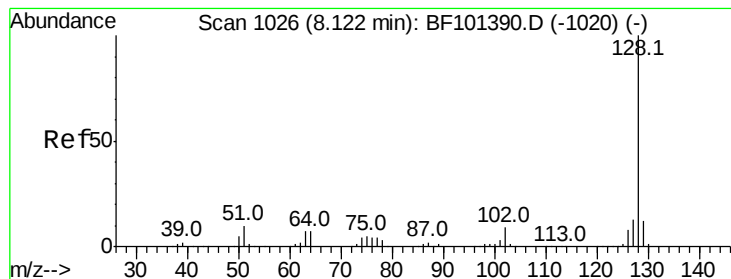
Tot Ion: 82 Resp: 987
 Ion Ratio Lower Upper
 82 100
 128 35.5 36.1 54.1#
 54 60.4 41.4 62.2



#27
 2,4-Dimethylphenol
 Concen: 5.026 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF101410.D
 Acq: 14 Dec 2017 22:57

Tgt Ion:122 Resp: 45943
 Ion Ratio Lower Upper
 122 100
 107 111.2 91.2 136.8
 121 54.2 47.2 70.8





#31

Naphthalene

Concen: 134.857 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

Instrument :

BNA_F

ClientSampleId :

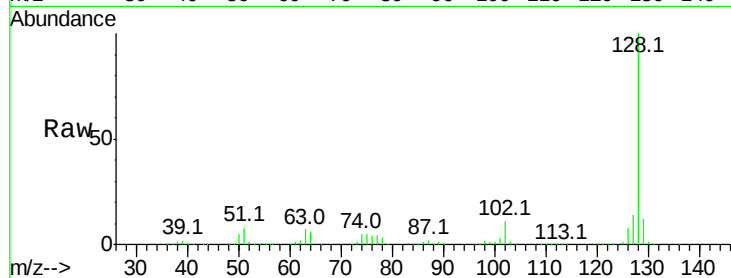
Tot Ion:128 Resp: 4276508

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

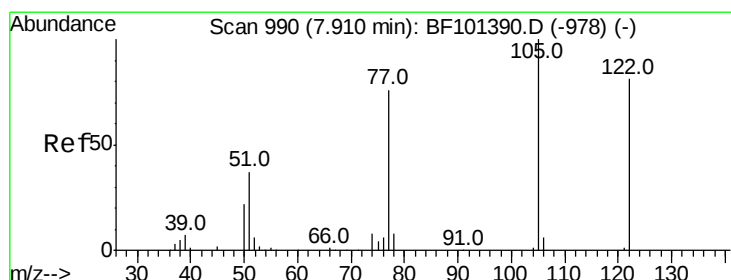
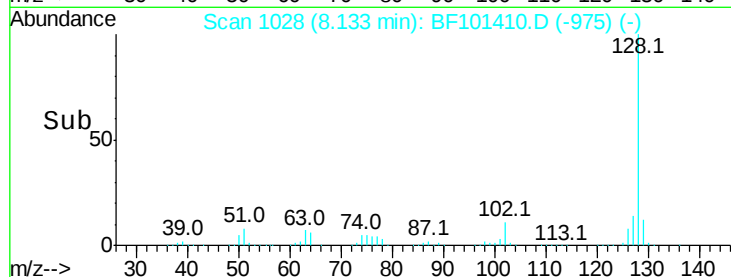
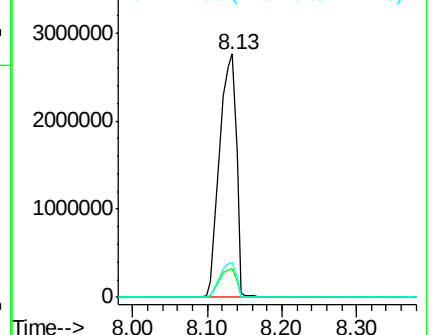
127 14.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.668 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

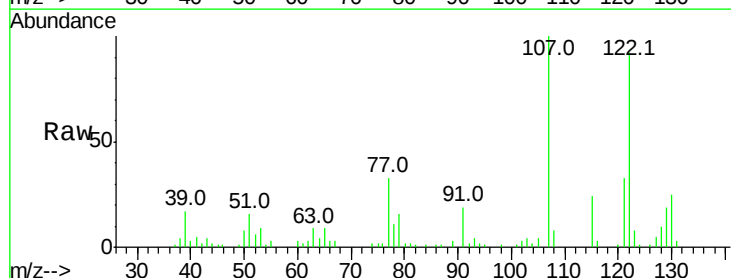
Tgt Ion:122 Resp: 42139

Ion Ratio Lower Upper

122 100

105 4.0 101.1 141.1#

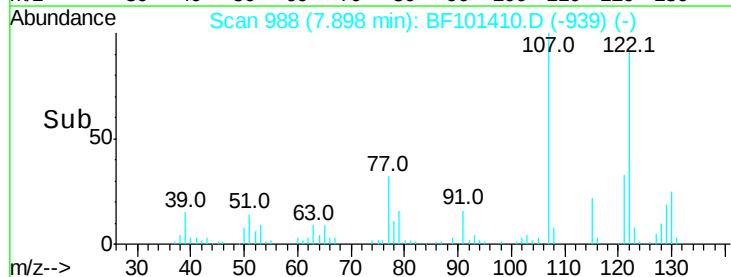
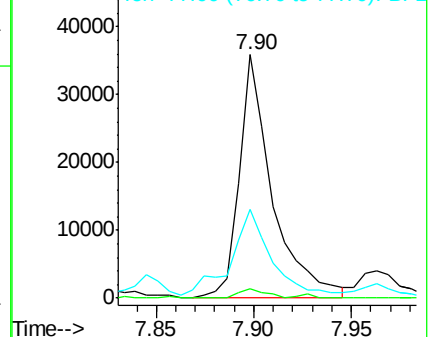
77 36.5 70.7 110.7#

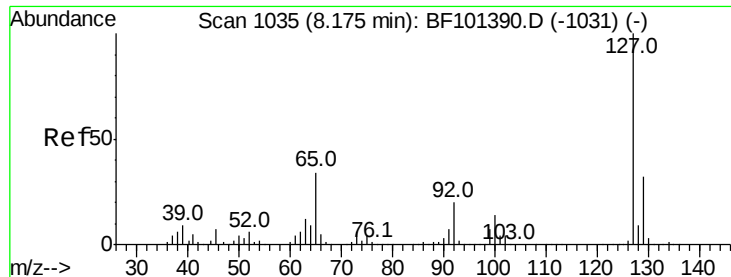


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

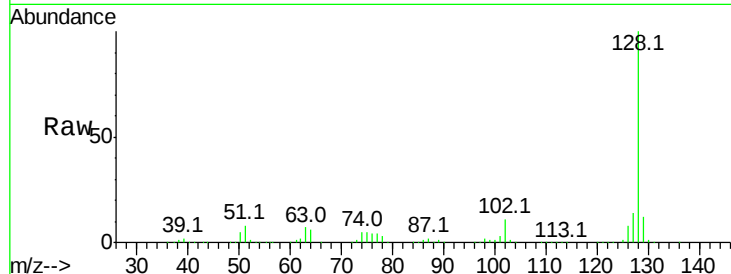




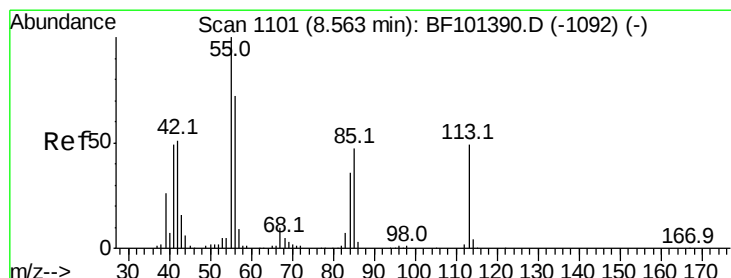
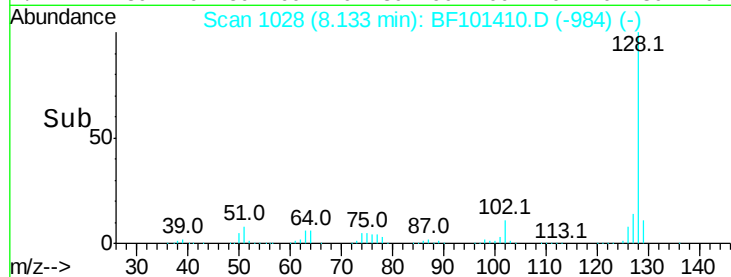
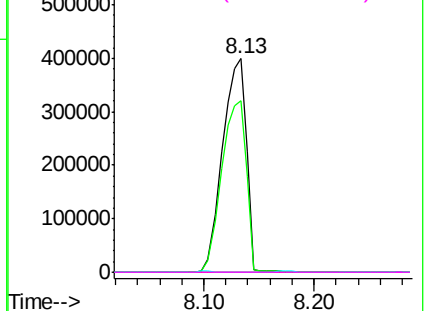
#33
4-Chloroaniline
Concen: 43.601 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	600947
Ion Ratio	Lower	Upper
127 100		
129 80.3	25.9	38.9#
65 0.0	25.0	37.4#
92 0.0	15.2	22.8#

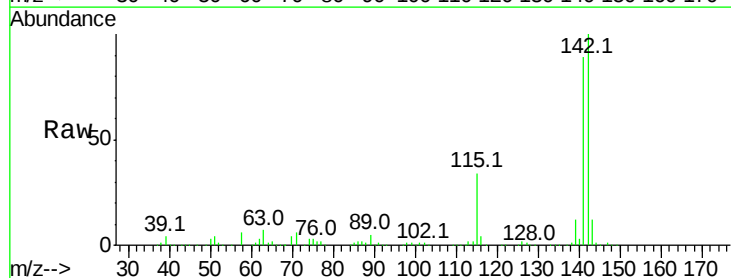


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

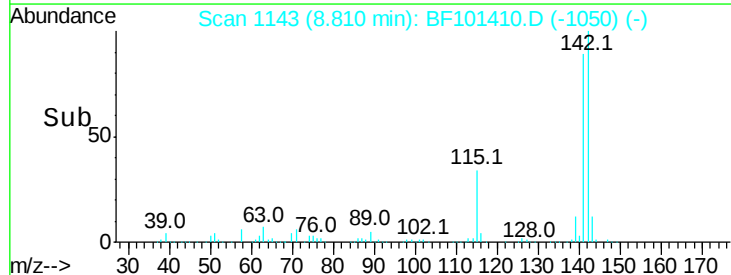
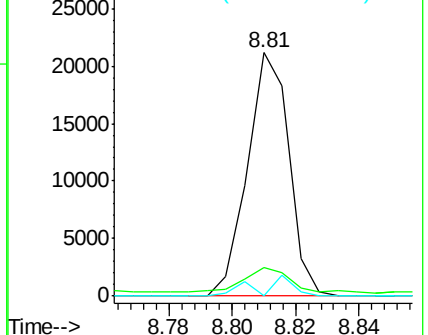


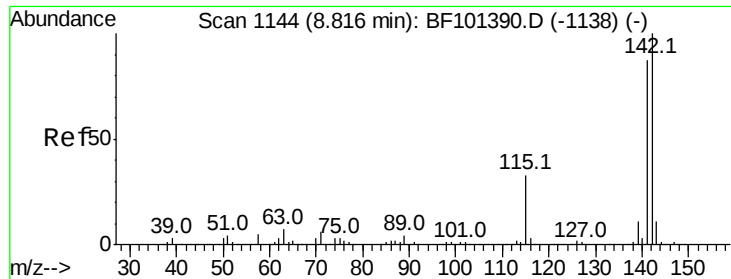
#35
Caprolactam
Concen: 6.118 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.25 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

Tgt Ion:113	Resp:	19185
Ion Ratio	Lower	Upper
113 100		
55 11.5	163.3	203.3#
56 0.0	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

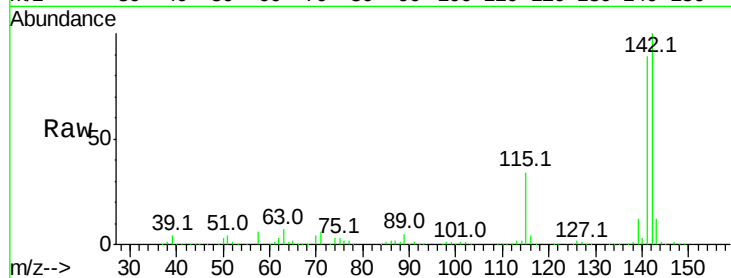




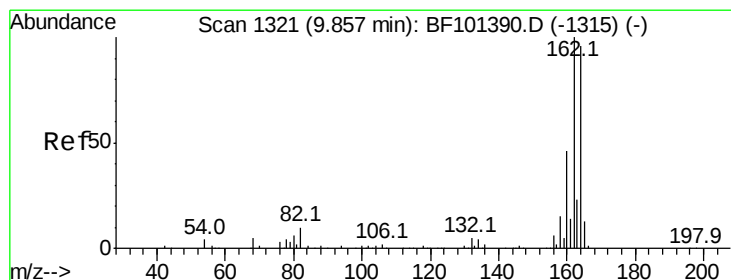
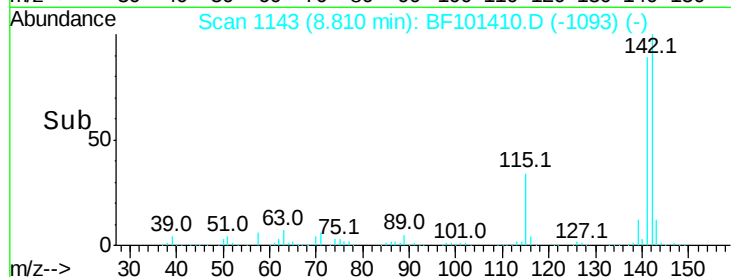
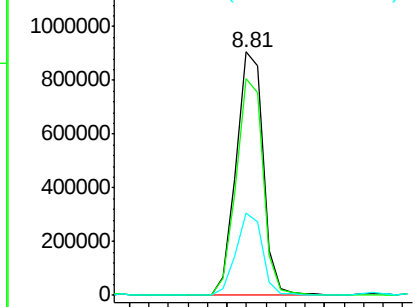
#37
2-Methylnaphthalene
Concen: 42.427 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 876559
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2
115 34.1 26.1 39.1

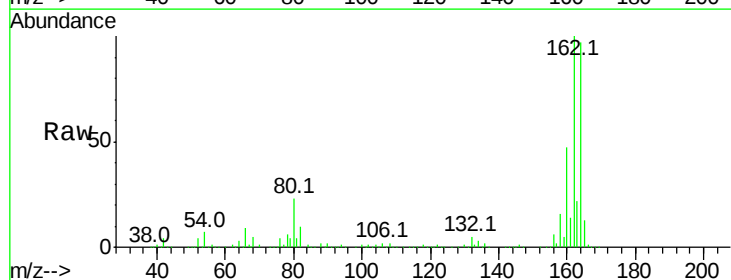


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

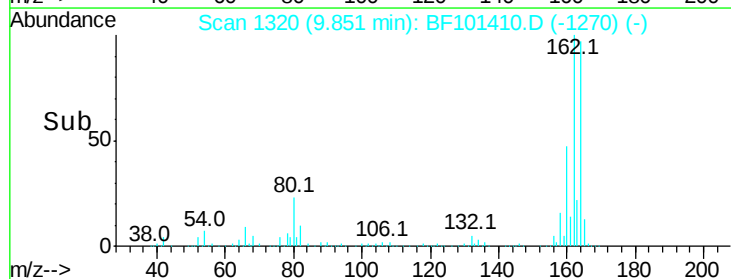
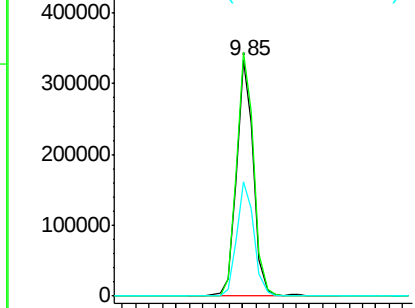


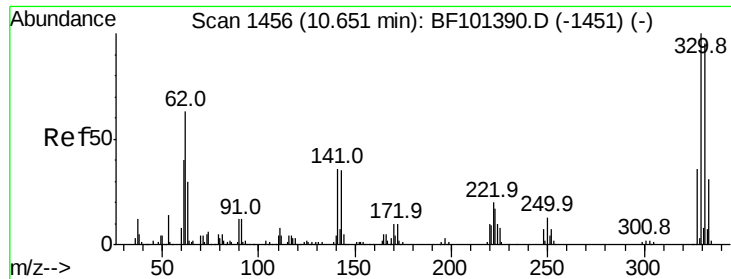
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

Tgt Ion:164 Resp: 293811
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 48.7 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

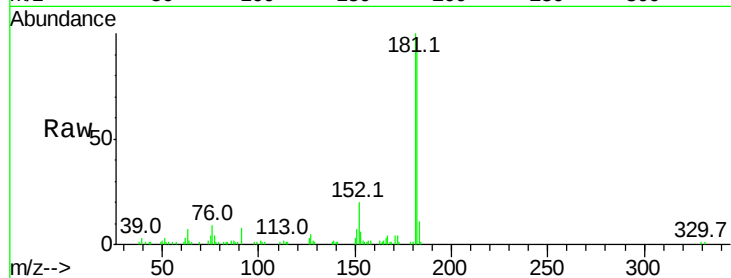




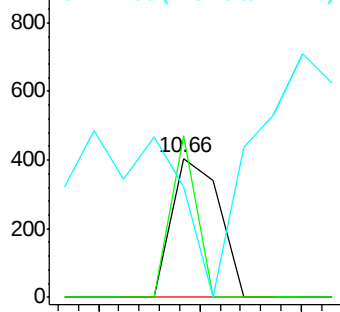
#41
 2,4,6-Tribromophenol
 Concen: 0.093 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.01 min
 Lab File: BF101410.D
 Acq: 14 Dec 2017 22:57

Instrument :
 BNA_F
 ClientSampleId :

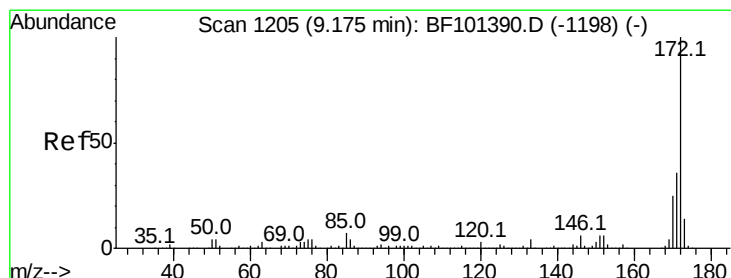
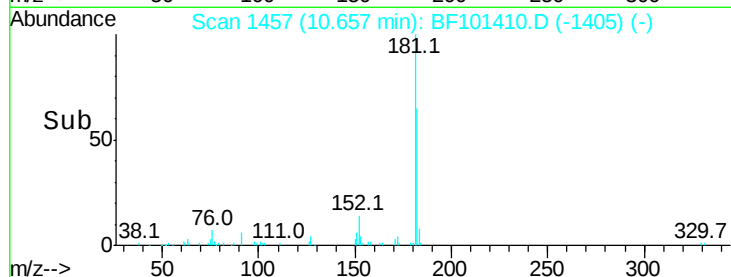
Tot Ion:330 Resp: 263
 Ion Ratio Lower Upper
 330 100
 332 63.1 77.0 115.6#
 141 0.0 29.9 44.9#



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

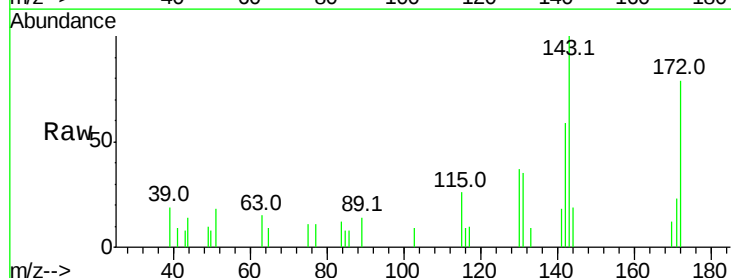


Time-->

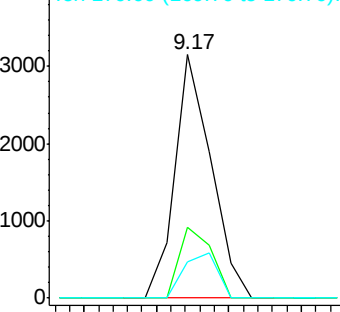


#44
 2-Fluorobiphenyl
 Concen: 0.116 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF101410.D
 Acq: 14 Dec 2017 22:57

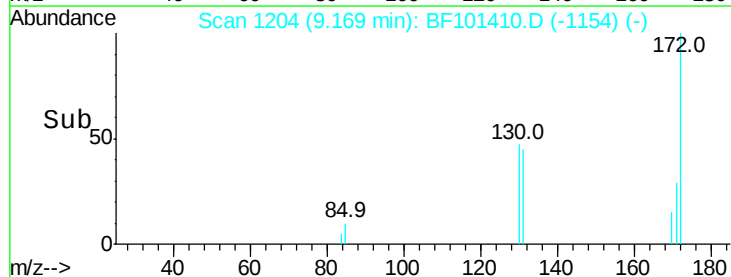
Tgt Ion:172 Resp: 2194
 Ion Ratio Lower Upper
 172 100
 171 29.3 29.7 44.5#
 170 15.0 19.6 29.4#

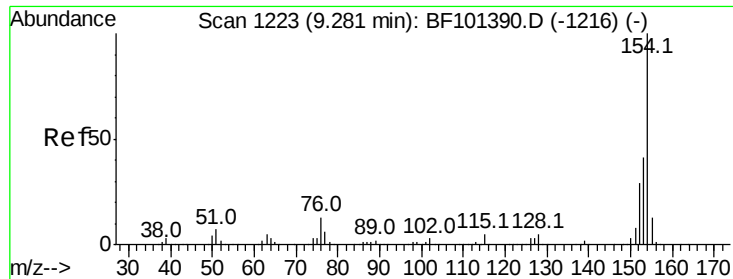


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->

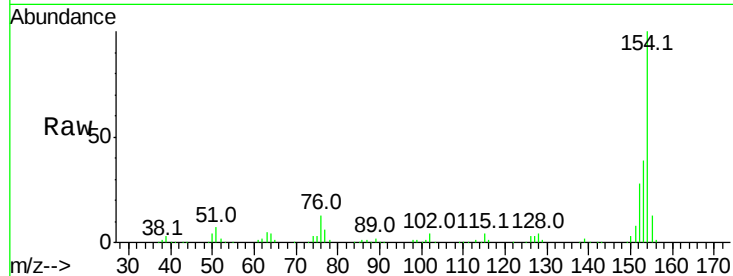




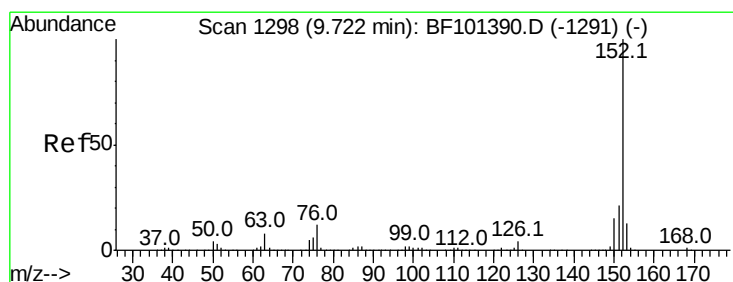
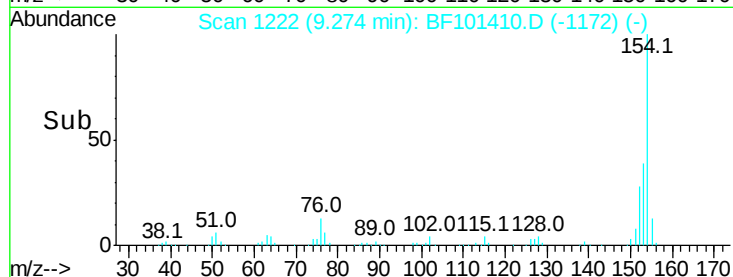
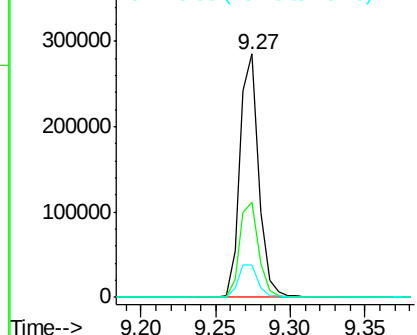
#45
1,1'-Biphenyl
Concen: 9.685 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 252348
Ion Ratio Lower Upper
154 100
153 39.3 21.3 61.3
76 13.3 0.0 34.0

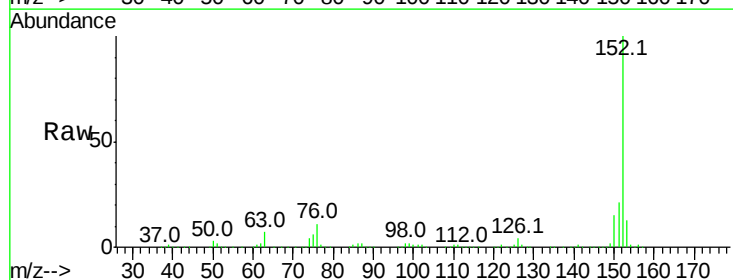


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

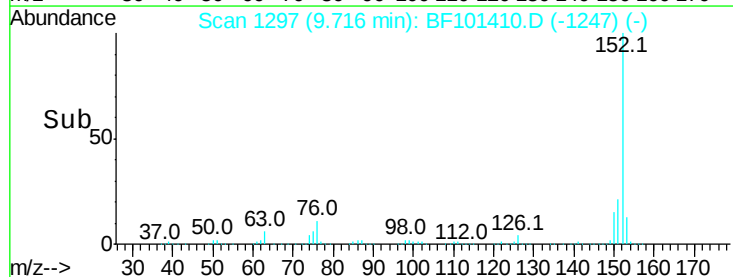
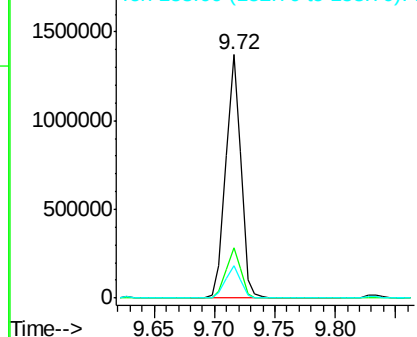


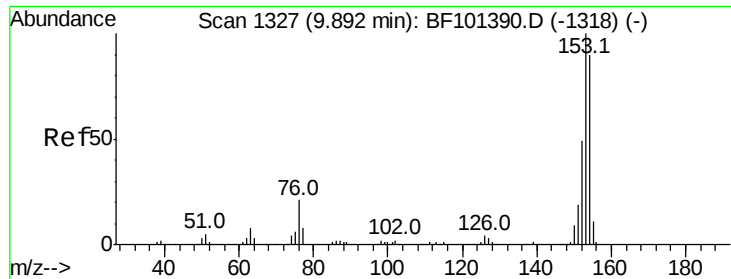
#48
Acenaphthylene
Concen: 37.708 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

Tgt Ion:152 Resp: 1187437
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.5 10.7 16.1



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





#51

Acenaphthene

Concen: 3.798 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

Instrument :

BNA_F

ClientSampleId :

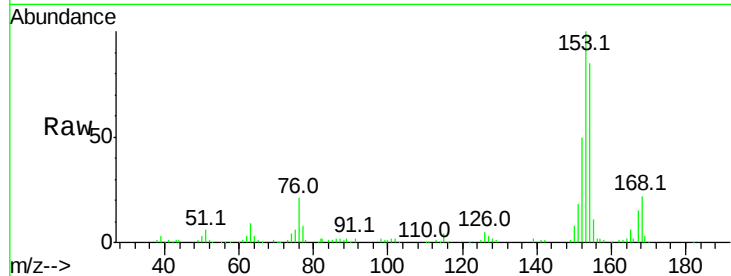
Tot Ion:154 Resp: 71857

Ion Ratio Lower Upper

154 100

153 118.2 91.2 136.8

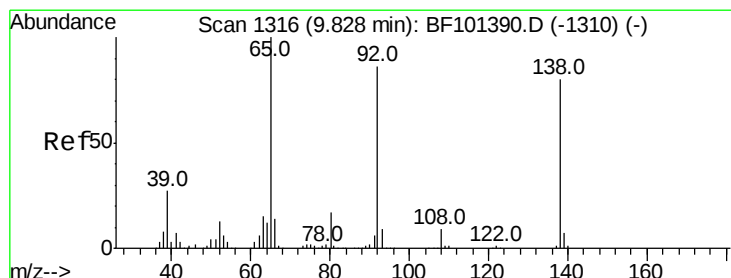
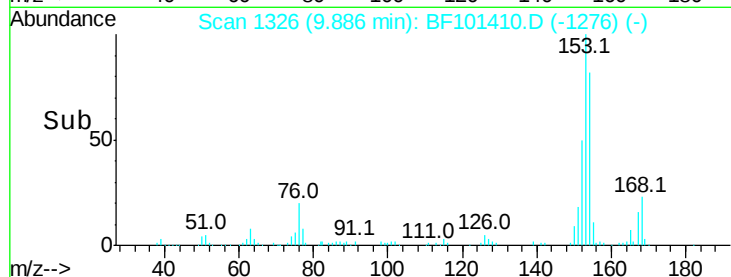
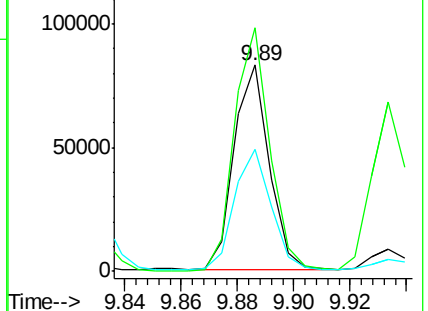
152 59.5 43.8 65.8



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



#52

3-Nitroaniline

Concen: 2.188 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.23 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

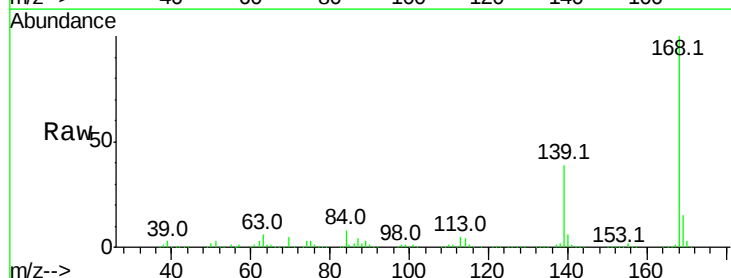
Tgt Ion:138 Resp: 13100

Ion Ratio Lower Upper

138 100

108 2.6 9.4 14.0#

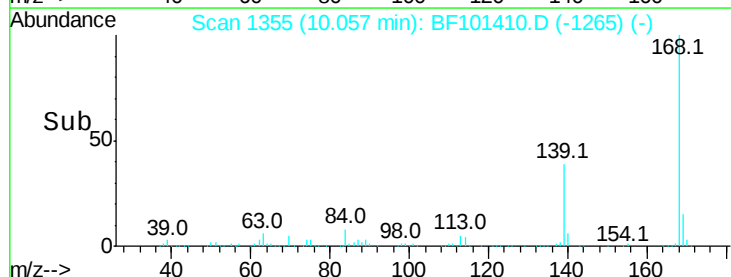
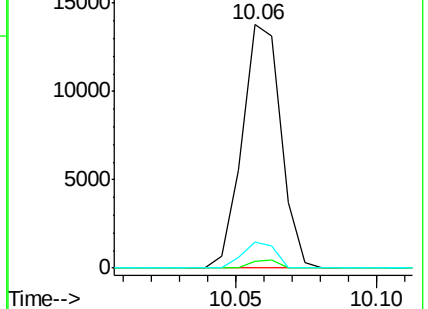
92 10.8 89.4 134.2#

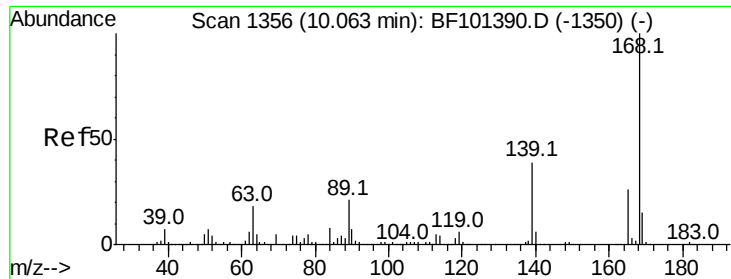


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzenofuran

Concen: 32.876 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

Instrument :

BNA_F

ClientSampled :

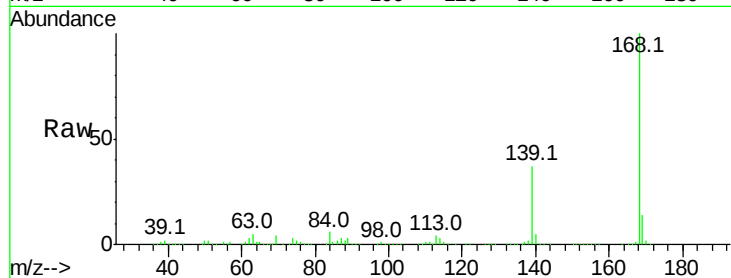
Tot Ion:168 Resp: 790453

Ion Ratio Lower Upper

168 100

139 36.6 30.1 45.1

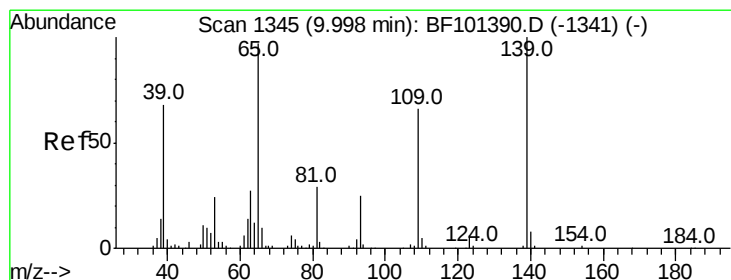
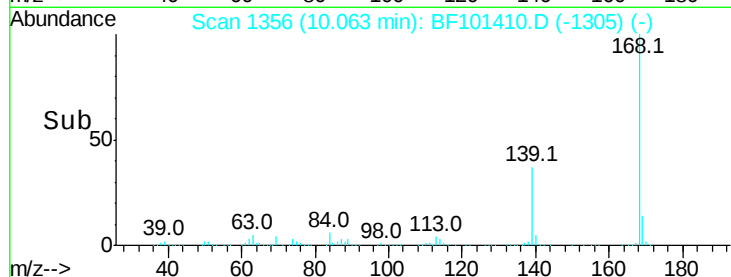
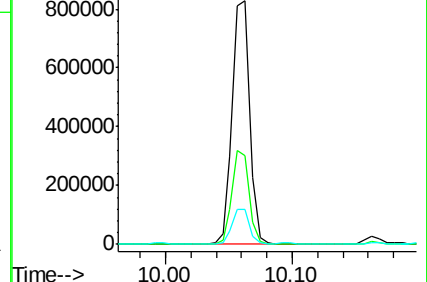
169 14.3 10.9 16.3



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: 114.934 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.06 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

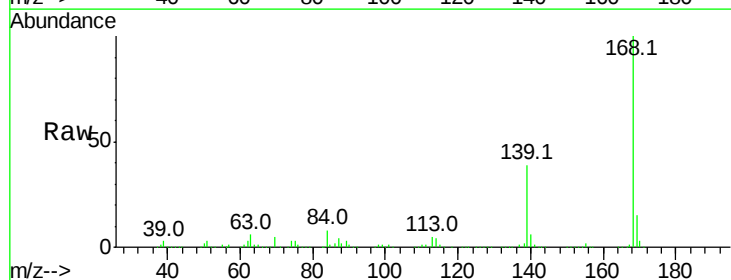
Tgt Ion:139 Resp: 300120

Ion Ratio Lower Upper

139 100

109 0.8 48.4 88.4#

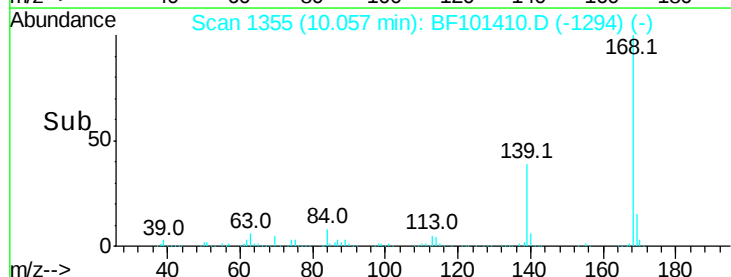
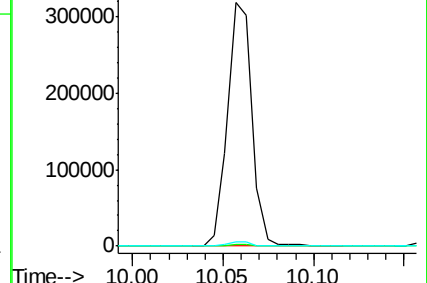
65 1.9 72.6 112.6#

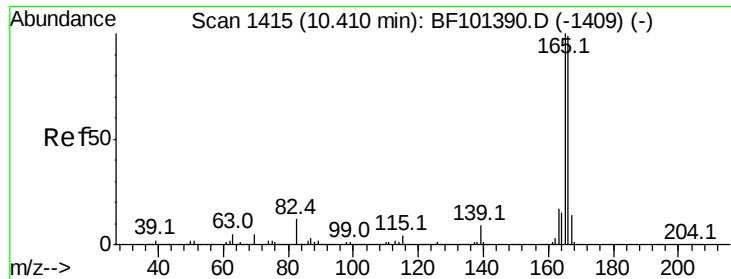


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

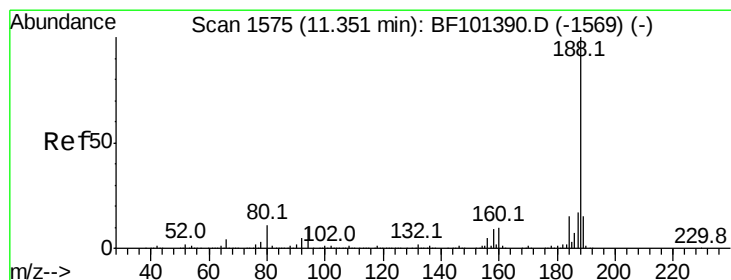
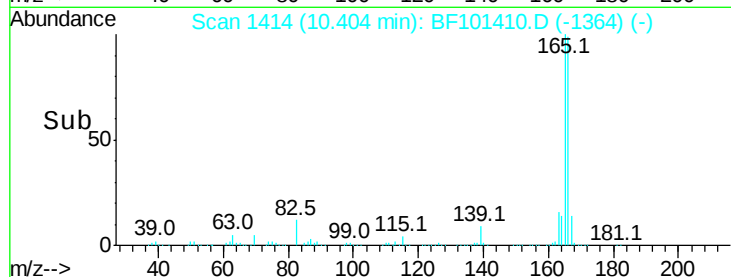
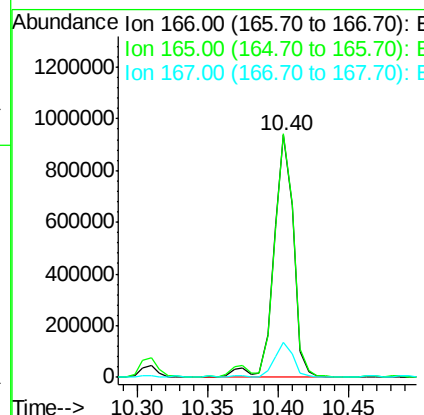
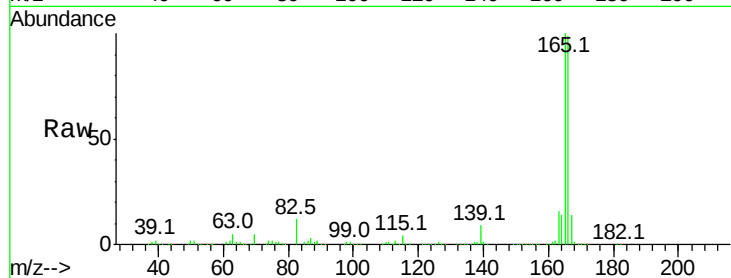




#57
Fluorene
 Concen: 44.861 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF101410.D
 Acq: 14 Dec 2017 22:57

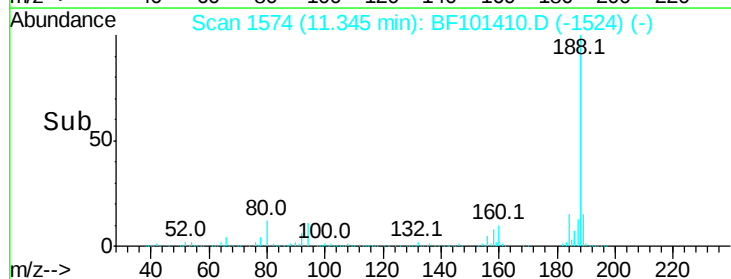
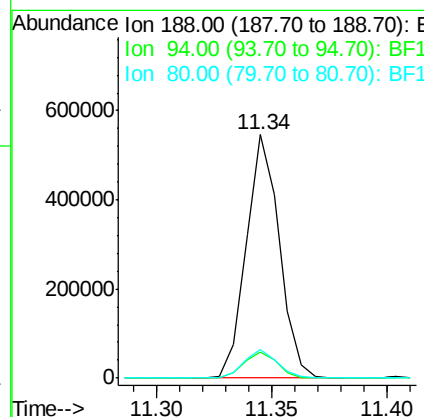
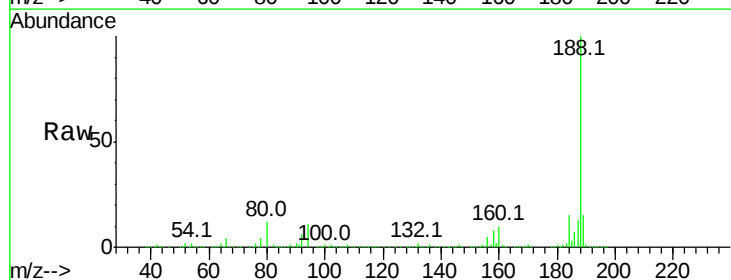
Instrument :
 BNA_F
 ClientSampleId :

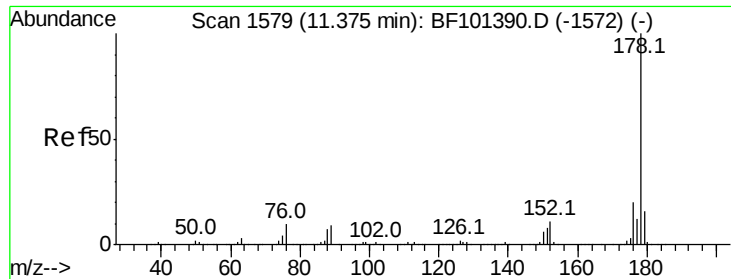
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	14.2	10.6	16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF101410.D
 Acq: 14 Dec 2017 22:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.9	9.2	13.8

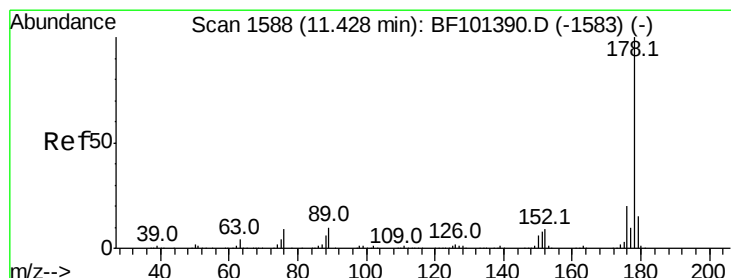
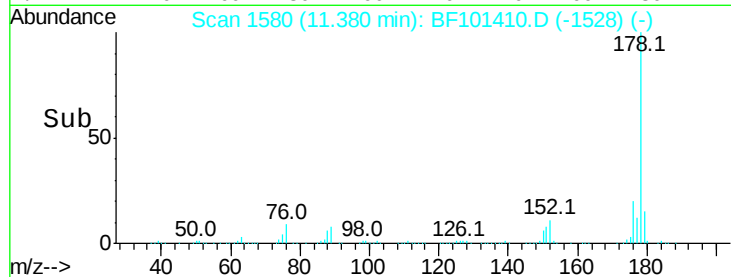
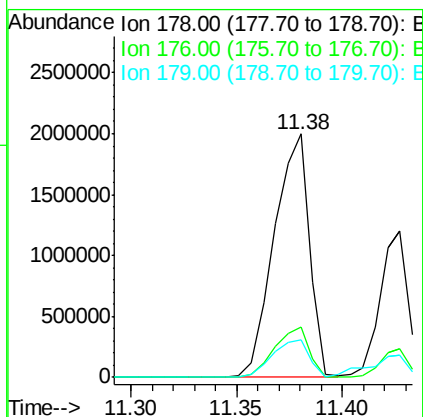
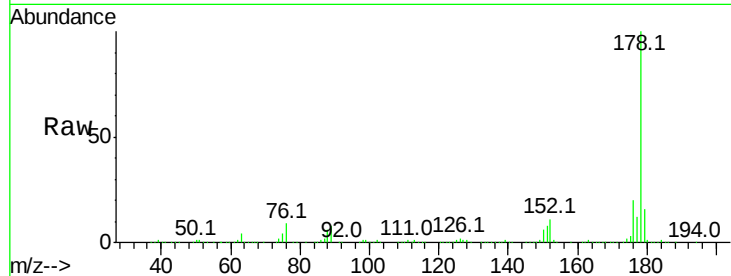




#70
Phenanthrene
Concen: 76.586 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

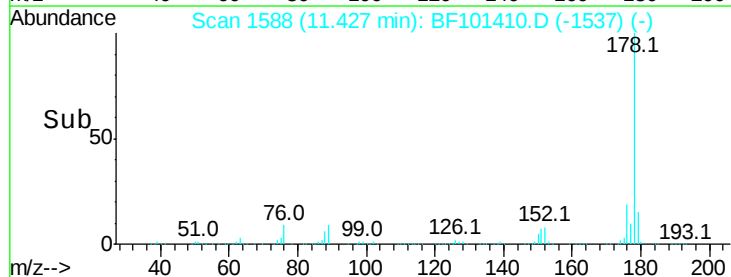
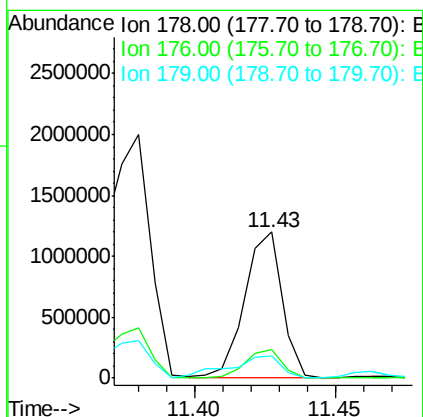
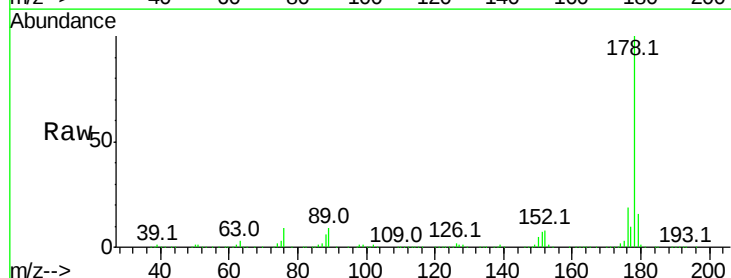
Instrument :
BNA_F
ClientSampled :

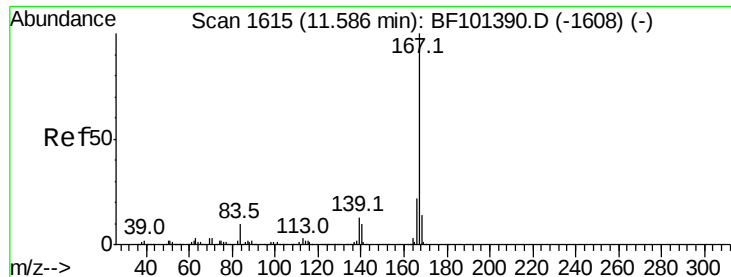
Tot Ion:178 Resp: 2324829
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 15.5 13.0 19.6



#71
Anthracene
Concen: 35.489 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

Tgt Ion:178 Resp: 1100418
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.6 12.6 19.0





#72

Carbazole

Concen: 15.718 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

Instrument :

BNA_F

ClientSampleId :

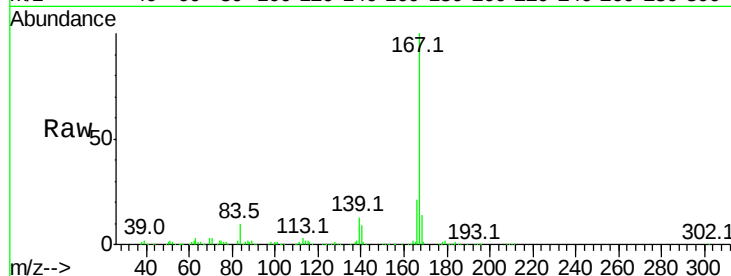
Tot Ion:167 Resp: 456310

Ion Ratio Lower Upper

167 100

166 21.4 17.6 26.4

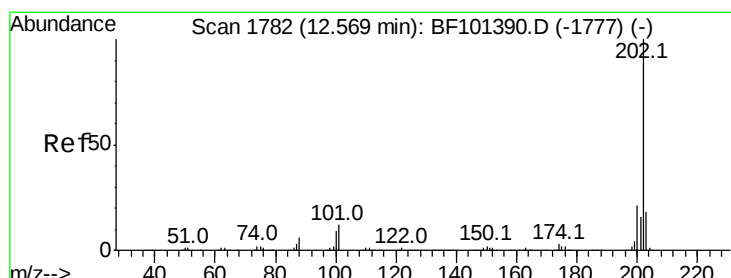
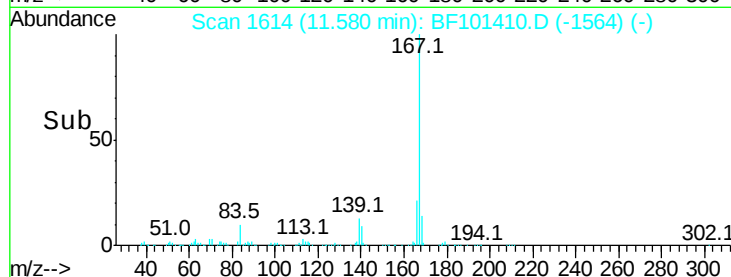
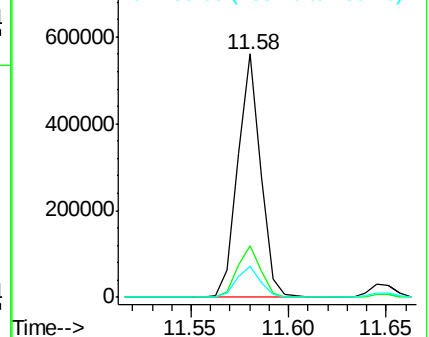
139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 52.707 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

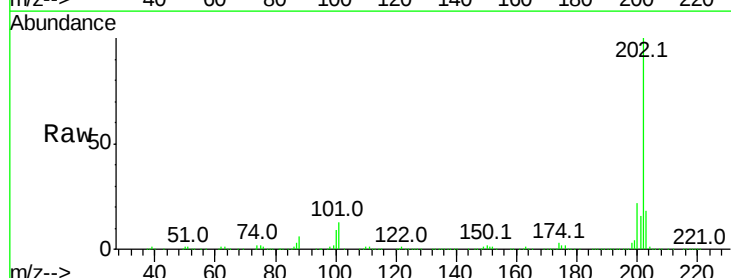
Tgt Ion:202 Resp: 1679395

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

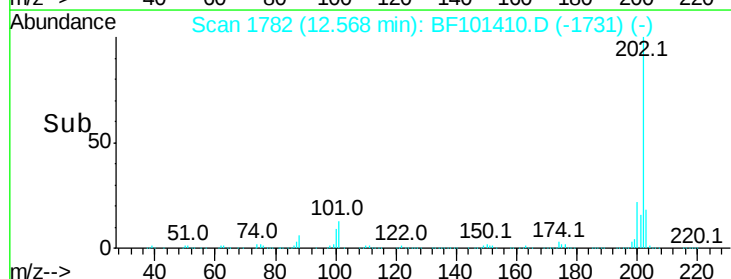
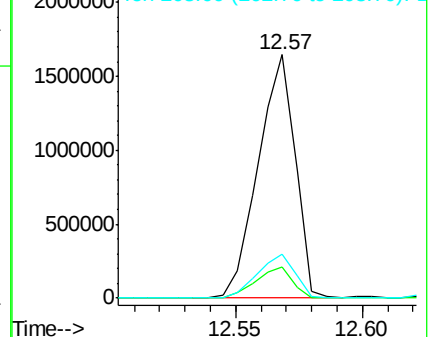
203 17.9 0.0 38.1

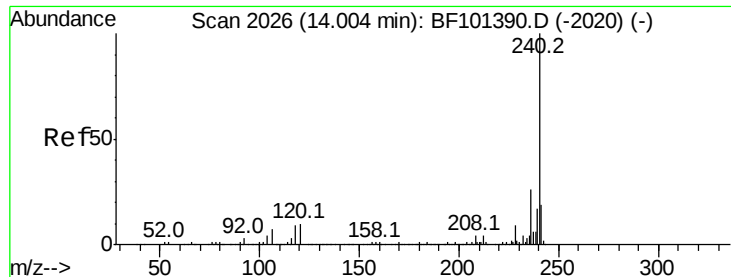


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

Instrument :

BNA_F

ClientSampleId :

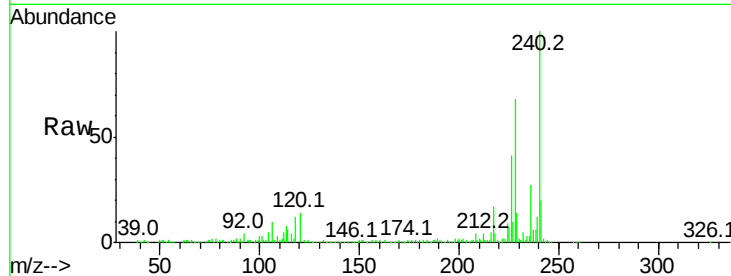
Tot Ion:240 Resp: 315401

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

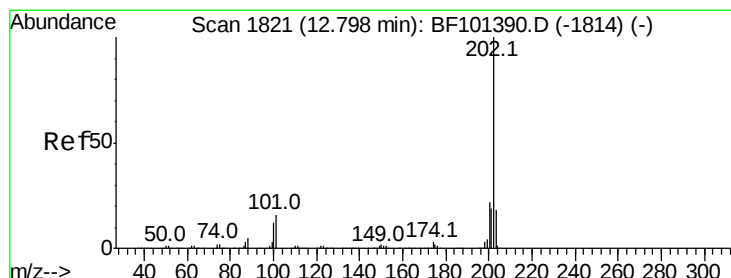
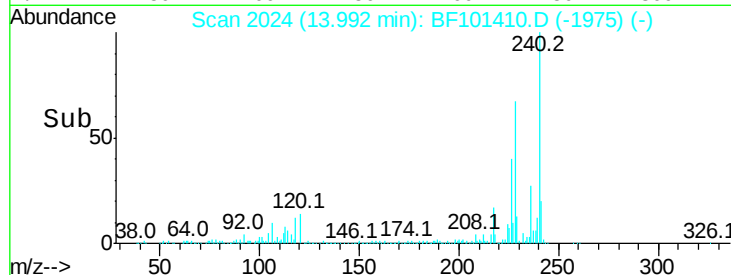
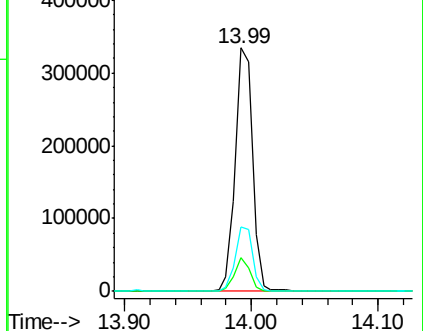
236 26.7 20.7 31.1



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: 55.642 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

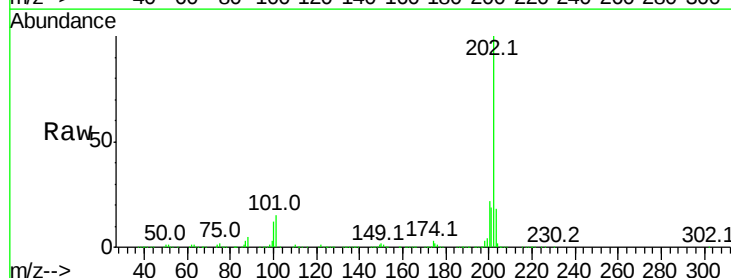
Tgt Ion:202 Resp: 1317092

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

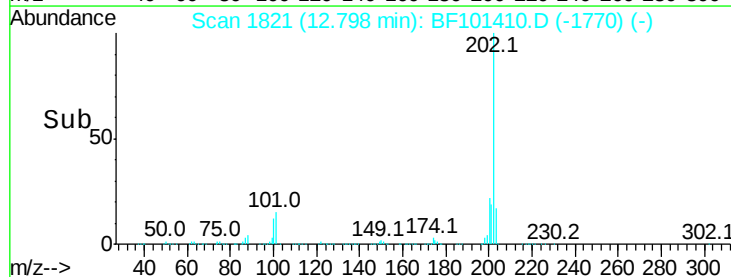
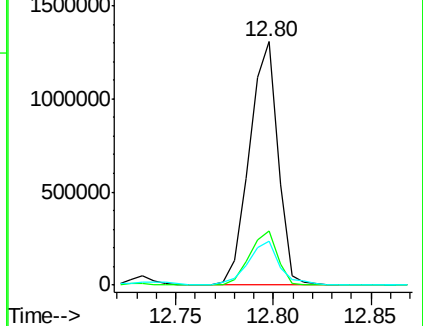
203 18.0 14.3 21.5

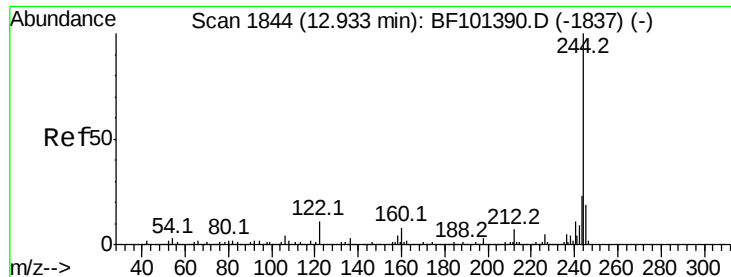


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 0.240 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

Instrument :

BNA_F

ClientSampleId :

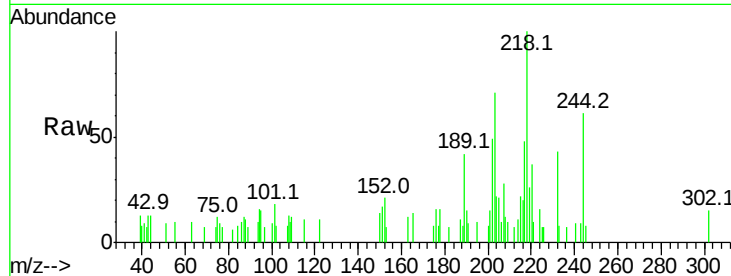
Tot Ion:244 Resp: 3144

Ion Ratio Lower Upper

244 100

212 12.0 5.4 8.0#

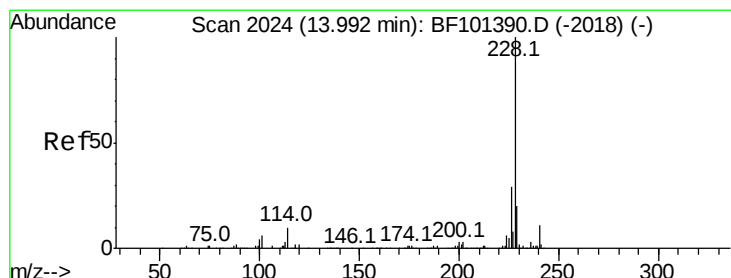
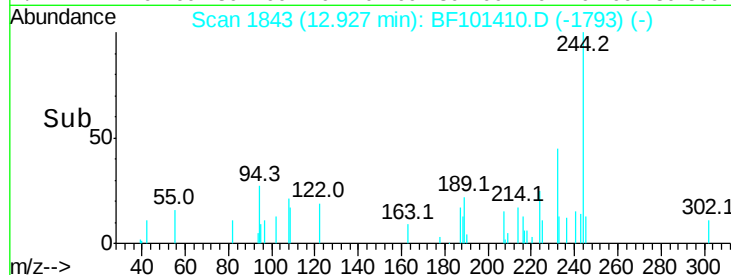
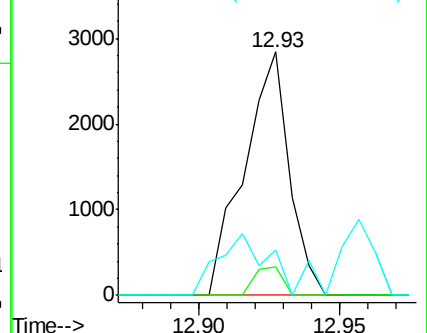
122 18.5 11.0 16.4#



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: 22.848 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.03 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

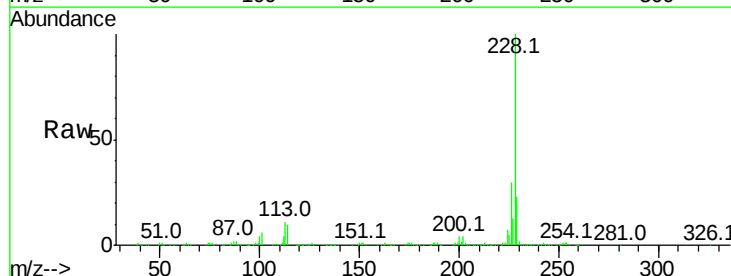
Tgt Ion:228 Resp: 475838

Ion Ratio Lower Upper

228 100

226 29.9 22.6 33.8

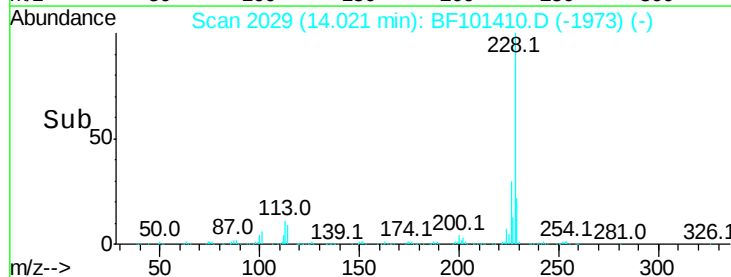
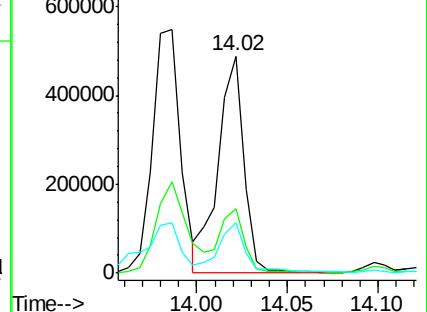
229 23.0 15.8 23.6

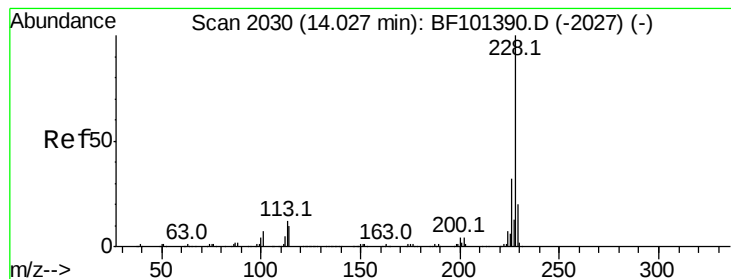


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 24.198 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

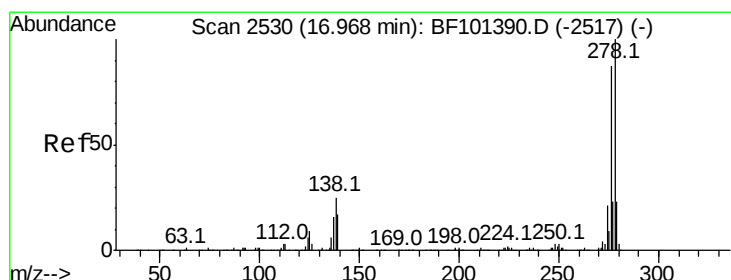
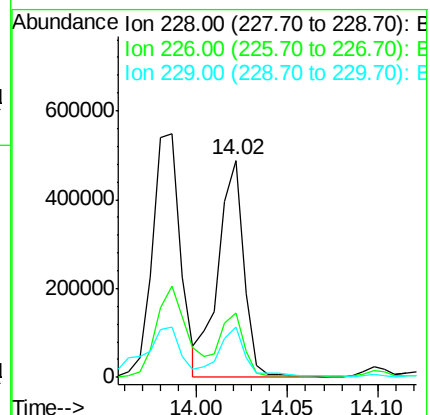
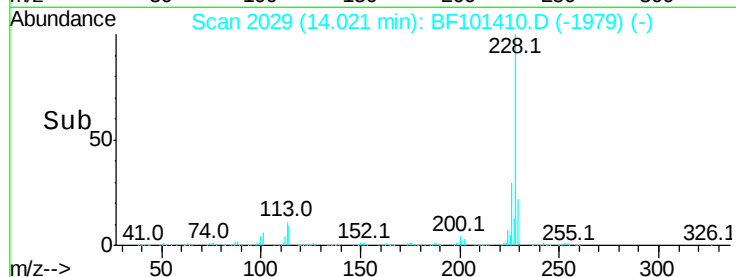
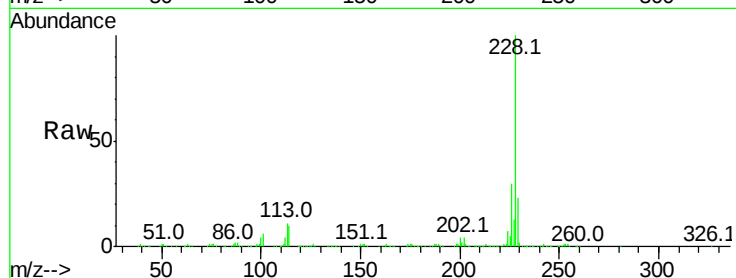
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 475838

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	23.0	16.2	24.4



#85

Indeno(1,2,3-cd)pyrene

Concen: 11.552 ng

RT: 16.94 min Scan# 2525

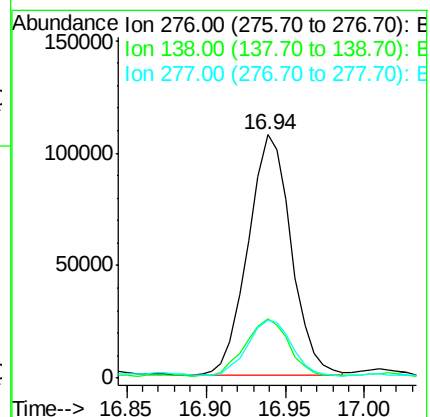
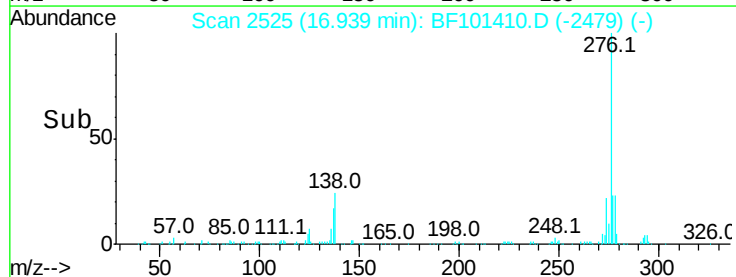
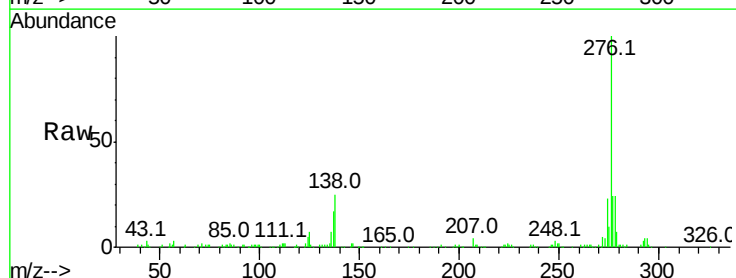
Delta R.T. -0.03 min

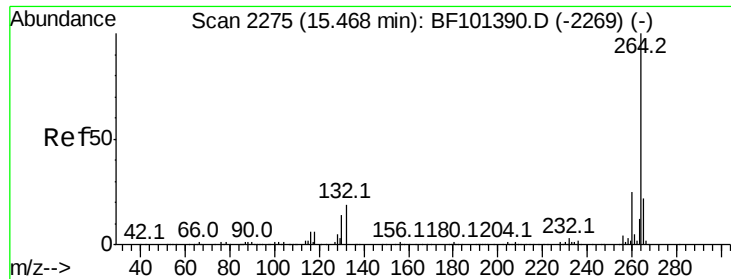
Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

Tgt Ion:276 Resp: 202291

Ion	Ratio	Lower	Upper
276	100		
138	25.3	25.0	37.6
277	23.8	20.1	30.1

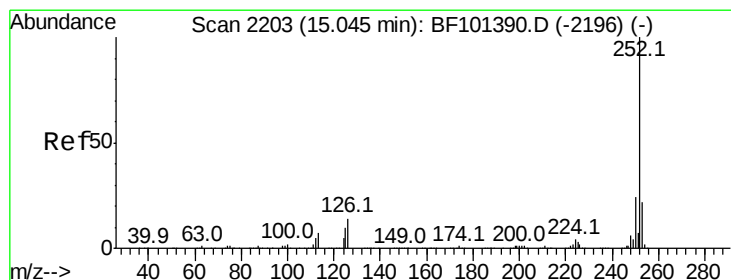
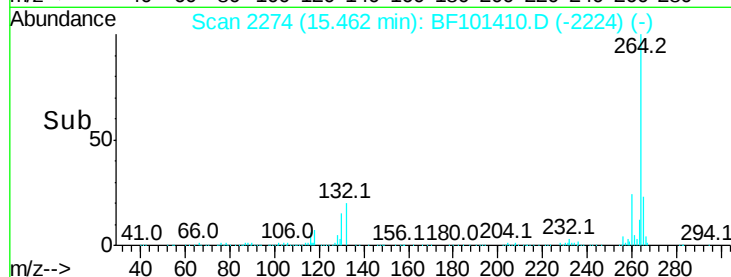
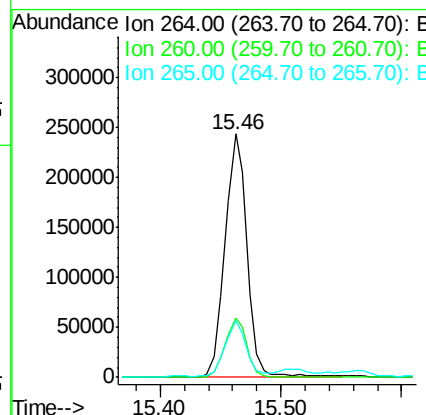
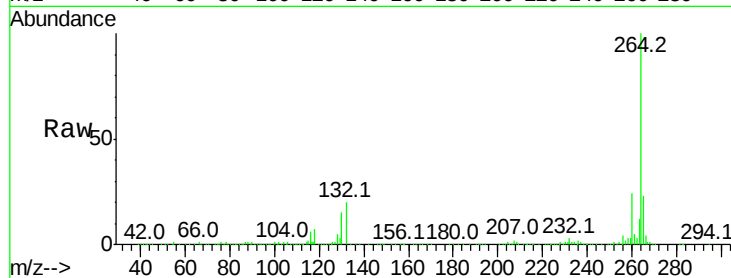




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

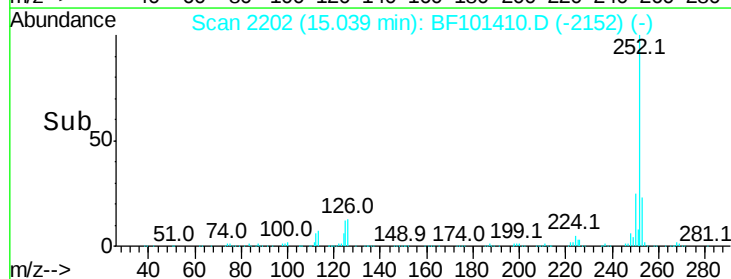
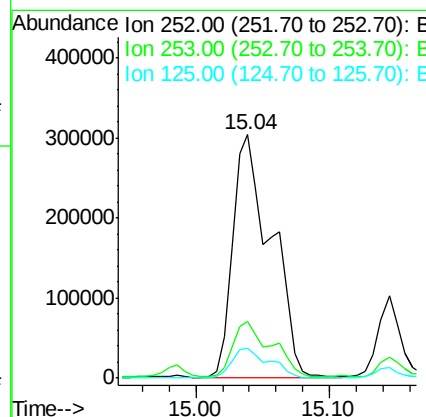
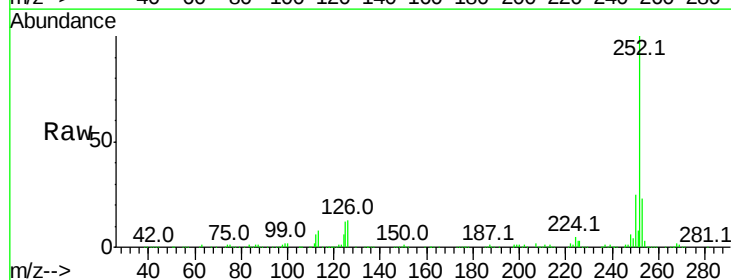
Instrument :
BNA_F
ClientSampleId :

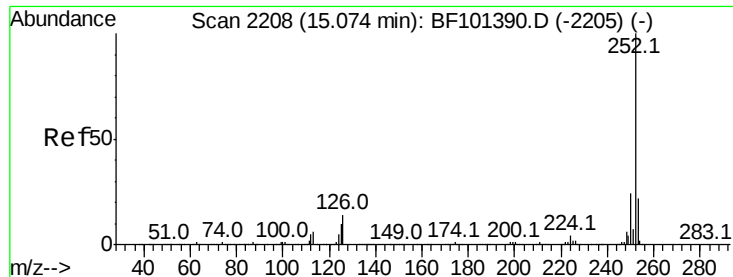
Tot Ion:264 Resp: 302208
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 23.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 32.898 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

Tgt Ion:252 Resp: 605995
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 12.4 9.0 13.6

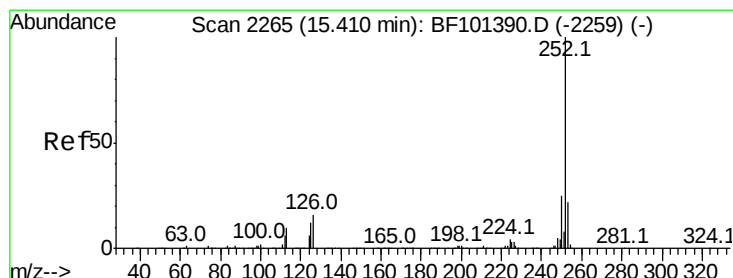
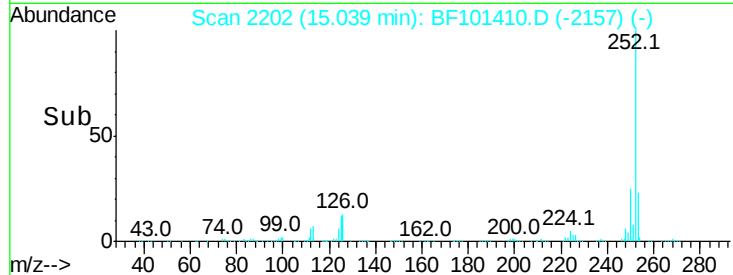
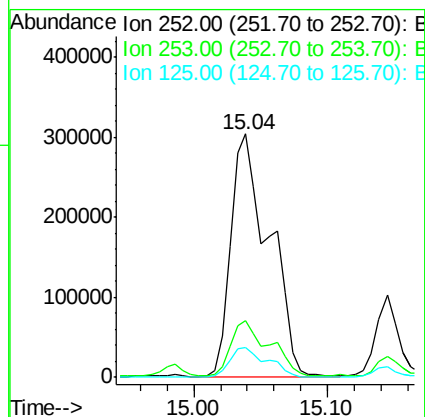
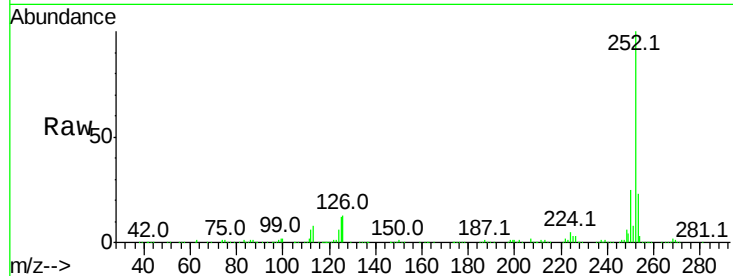




#88
Benzo(k)fluoranthene
Concen: 33.836 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

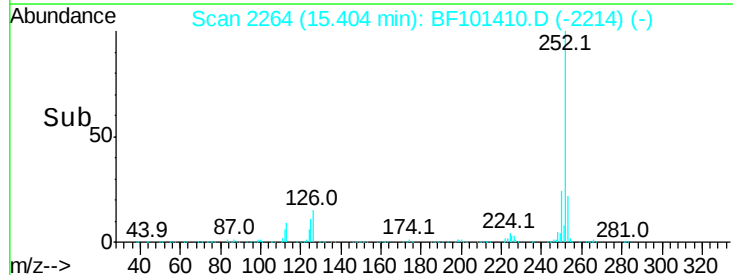
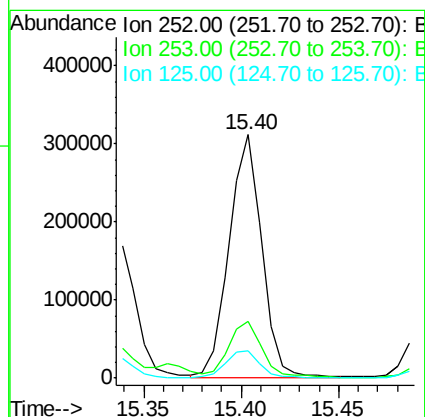
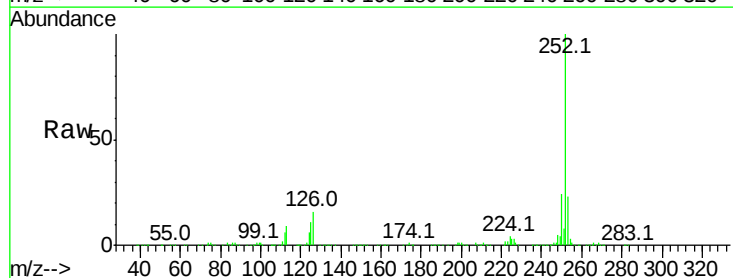
Instrument :
BNA_F
ClientSampleId :

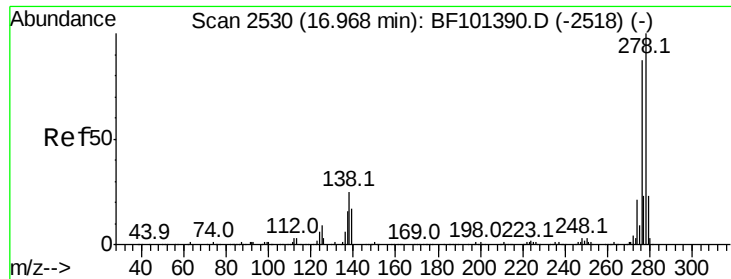
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	12.4	10.2	15.2



#89
Benzo(a)pyrene
Concen: 21.173 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF101410.D
Acq: 14 Dec 2017 22:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	11.4	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 2.029 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.20 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

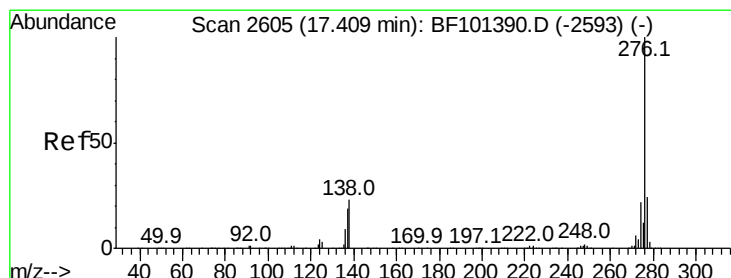
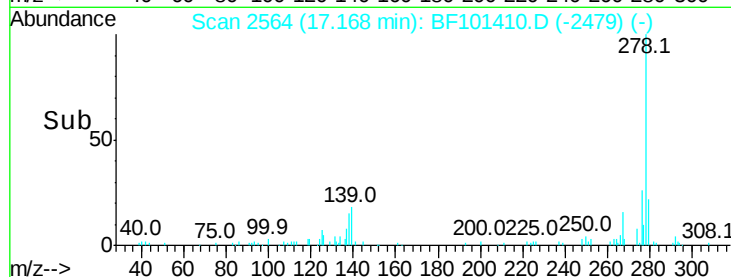
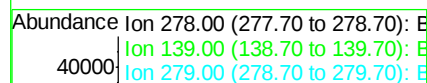
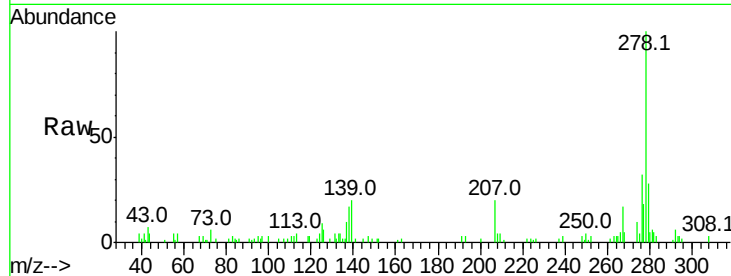
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 29583

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.9	23.9
279	27.6	19.0	28.4



#91

Benzo(g,h,i)perylene

Concen: 12.736 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BF101410.D

Acq: 14 Dec 2017 22:57

Tgt Ion:276 Resp: 183862

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	23.6	21.8	32.8

