

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103836.D
 Acq On : 21 Mar 2018 7:21
 Operator : JU/SJ
 Sample : J1982-03DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 08:13:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	168811	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	668112	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	290470	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	439626	20.00	ng	0.00
75) Chrysene-d12	14.16	240	317797	20.00	ng	0.00
86) Perylene-d12	15.70	264	272535	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	294101	26.50	ng	0.00
7) Phenol-d6	6.58	99	378876	27.90	ng	0.00
23) Nitrobenzene-d5	7.53	82	208346	21.75	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	60976	24.42	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	360533	19.80	ng	0.00
78) Terphenyl-d14	13.09	244	253228	18.50	ng	0.00

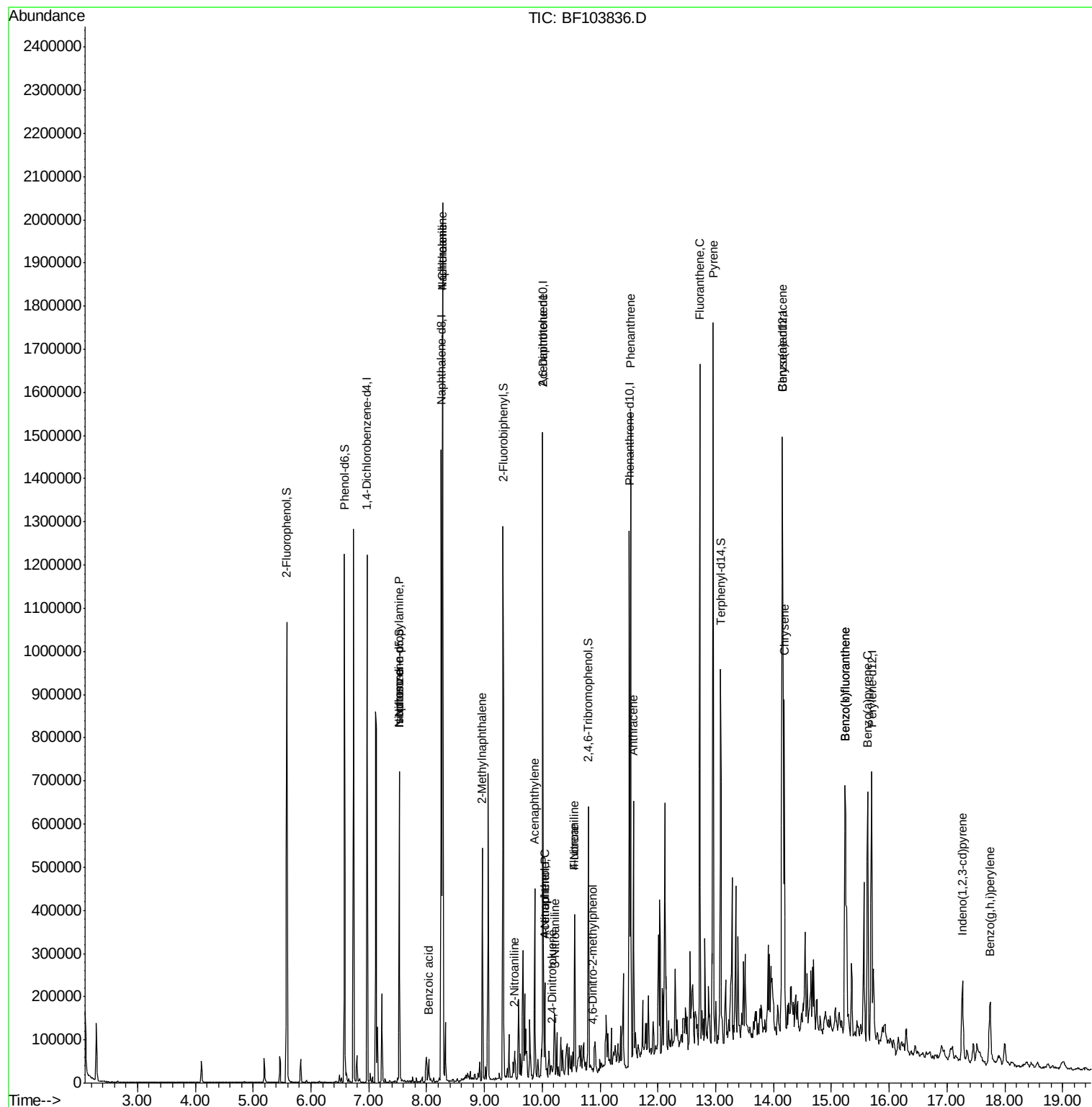
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.53	70	26641	3.061	ng	# 74
25) Isophorone	7.53	82	208344	9.394	ng	# 64
31) Naphthalene	8.27	128	802875	23.789	ng	99
32) Benzoic acid	8.03	122	493	9.964	ng	# 2
33) 4-Chloroaniline	8.27	127	106593	7.528	ng	# 31
37) 2-Methylnaphthalene	8.96	142	129582	6.055	ng	99
47) 2-Nitroaniline	9.53	65	232	6.854	ng	# 2
48) Acenaphthylene	9.87	152	163370	5.476	ng	99
50) 2,6-Dinitrotoluene	10.01	165	41178	12.792	ng	# 25
51) Acenaphthene	10.05	154	37148	2.097	ng	99
52) 3-Nitroaniline	10.22	138	637	3.929	ng	# 2
55) 4-Nitrophenol	10.05	139	701	5.132	ng	86
56) 2,4-Dinitrotoluene	10.17	165	1957	6.527	ng	# 21
57) Fluorene	10.56	166	105931	5.396	ng	99
61) 4-Nitroaniline	10.56	138	1237	3.980	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.87	198	119	8.197	ng	# 9
70) Phenanthrene	11.53	178	560808	23.320	ng	100
71) Anthracene	11.58	178	206647	8.460	ng	99
74) Fluoranthene	12.73	202	635971	25.669	ng	97
77) Pyrene	12.96	202	645172	27.644	ng	99
80) Benzo(a)anthracene	14.14	228	348742	17.336	ng	93
82) Chrysene	14.19	228	304750	15.892	ng	99
85) Indeno(1,2,3-cd)pyrene	17.26	276	121531	7.257	ng	95
87) Benzo(b)fluoranthene	15.24	252	465457	27.033	ng	# 96
88) Benzo(k)fluoranthene	15.24	252	465457	28.122	ng	98
89) Benzo(a)pyrene	15.63	252	266973	17.095	ng	96
91) Benzo(g,h,i)perylene	17.74	276	115949	8.814	ng	98

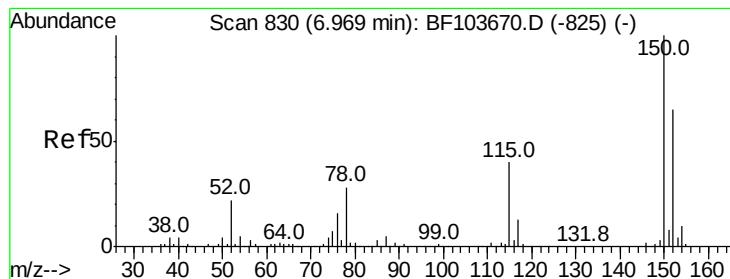
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
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QLast Update : Thu Mar 15 18:31:53 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

Instrument :

BNA_F

ClientSampleId :

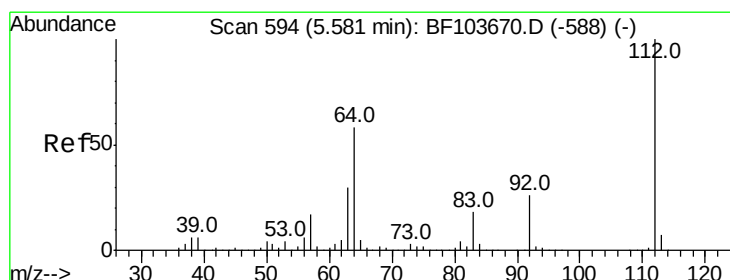
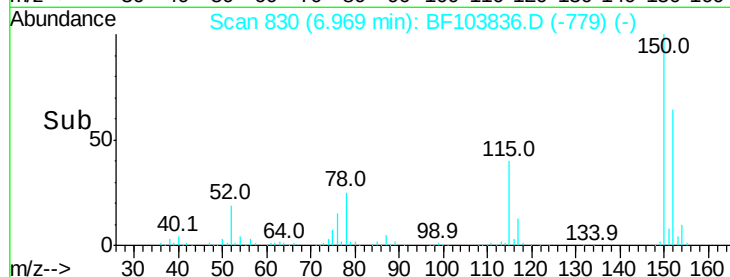
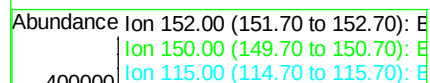
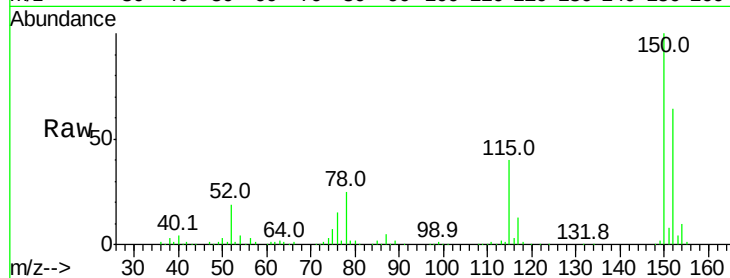
Tot Ion:152 Resp: 168811

Ion Ratio Lower Upper

152 100

150 157.2 124.6 186.8

115 62.3 50.1 75.1



#5

2-Fluorophenol

Concen: 26.499 ng

RT: 5.58 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

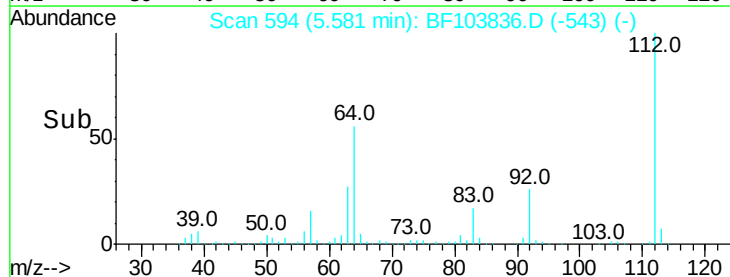
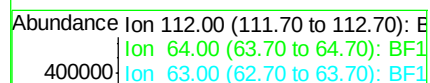
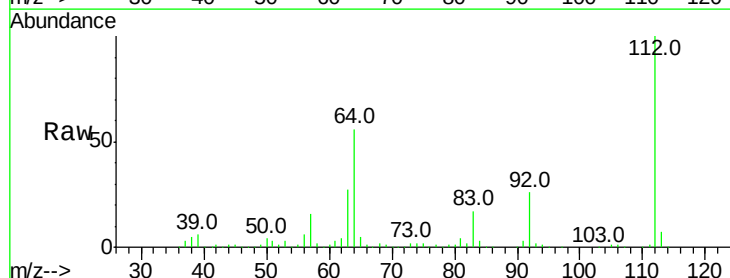
Tgt Ion:112 Resp: 294101

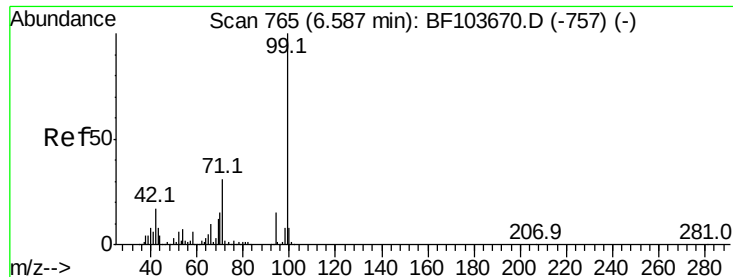
Ion Ratio Lower Upper

112 100

64 55.6 47.9 71.9

63 27.3 23.7 35.5





#7

Phenol-d6

Concen: 27.903 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

Instrument :

BNA_F

ClientSampleId :

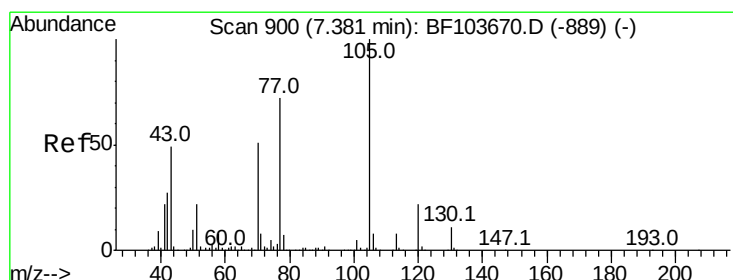
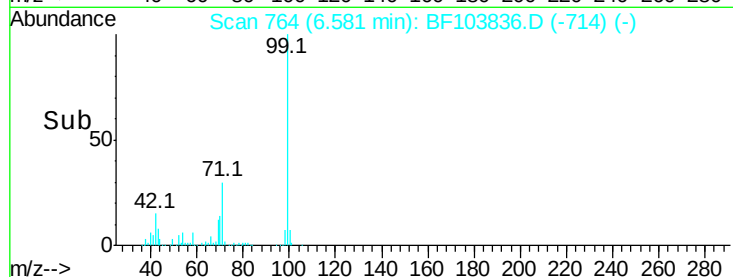
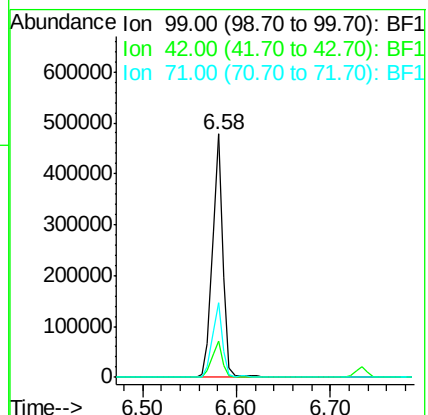
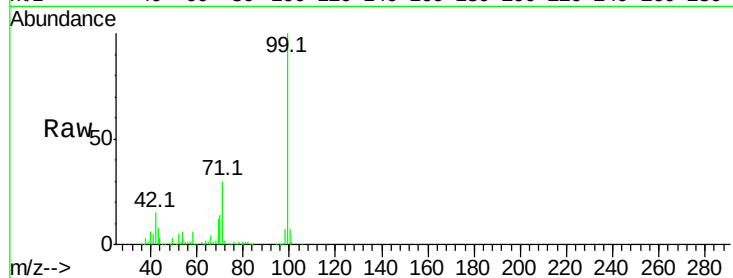
Tot Ion: 99 Resp: 378876

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

71 30.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 3.061 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

Tgt Ion: 70 Resp: 26641

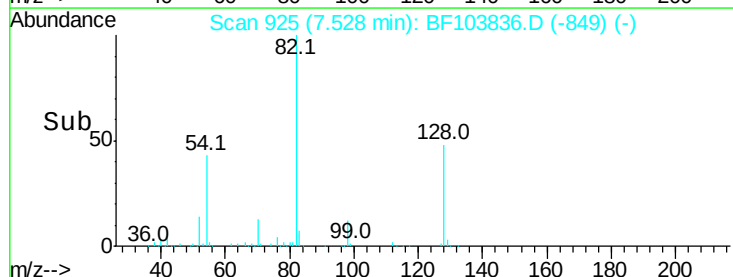
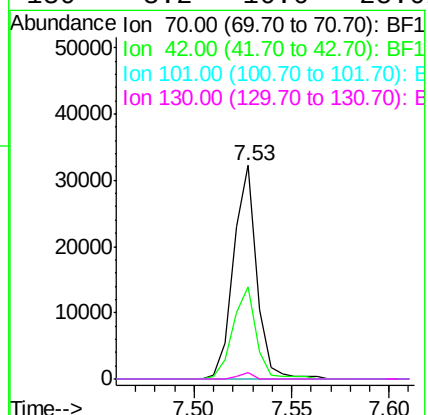
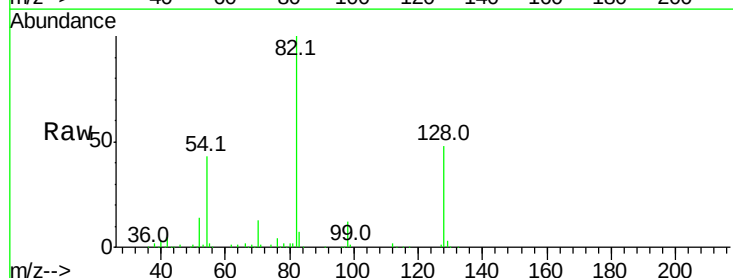
Ion Ratio Lower Upper

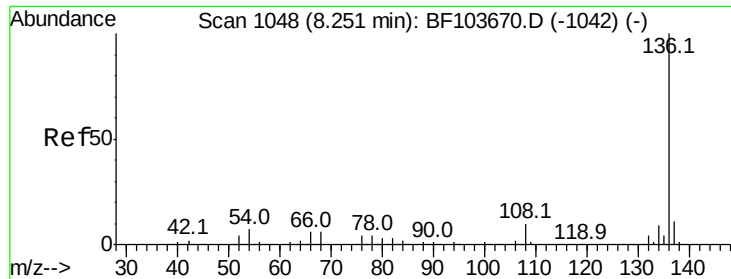
70 100

42 43.1 47.5 71.3#

101 0.0 7.4 11.2#

130 3.2 16.6 25.0#

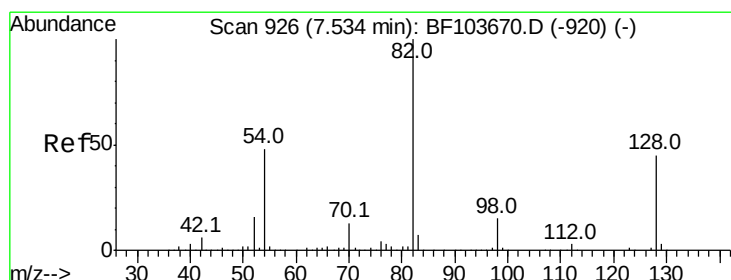
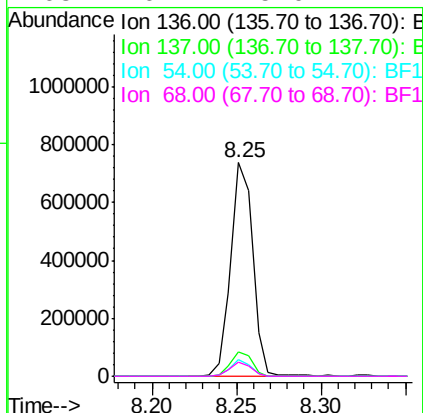
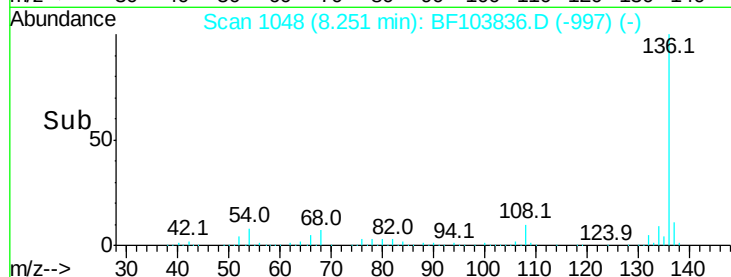
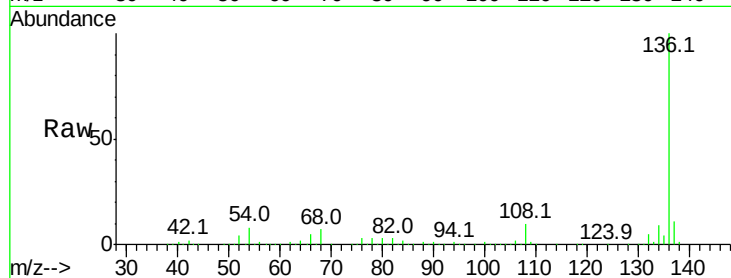




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

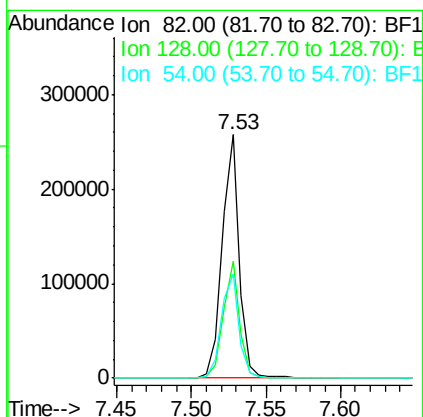
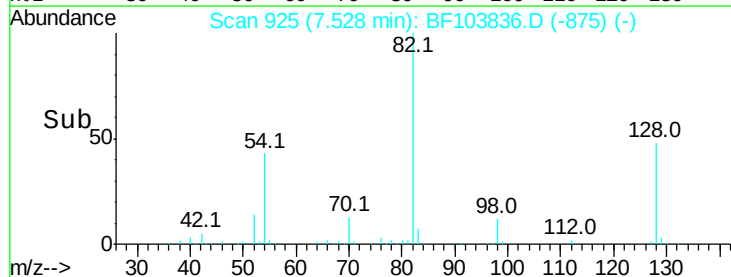
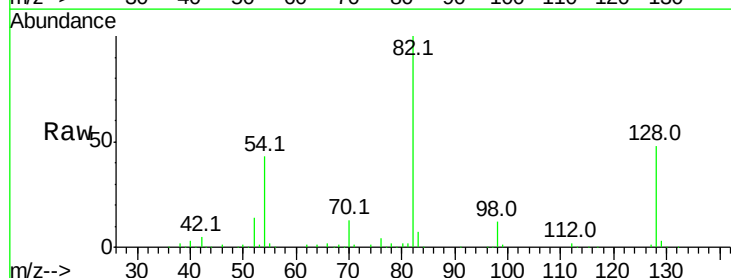
Instrument :
BNA_F
ClientSampleId :

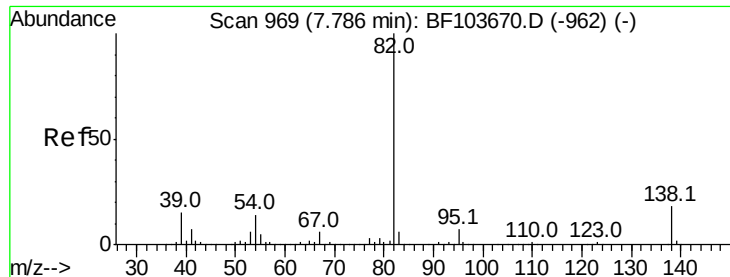
Tot Ion:	136	Resp:	668112
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.5	6.6	9.8
68	6.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 21.747 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

Tgt Ion:	82	Resp:	208346
Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	43.0	41.4	62.2





#25

Isophorone

Concen: 9.394 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.26 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

Instrument :

BNA_F

ClientSampleId :

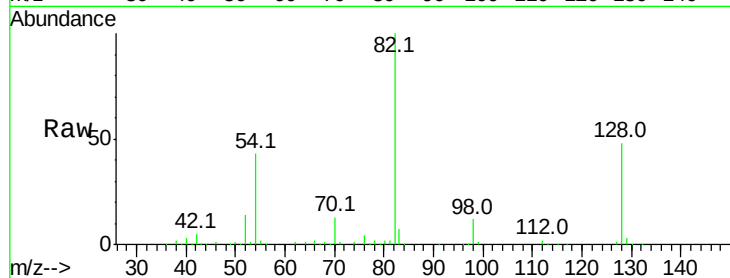
Tot Ion: 82 Resp: 208344

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

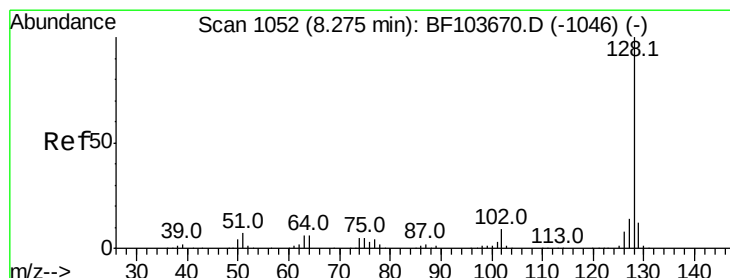
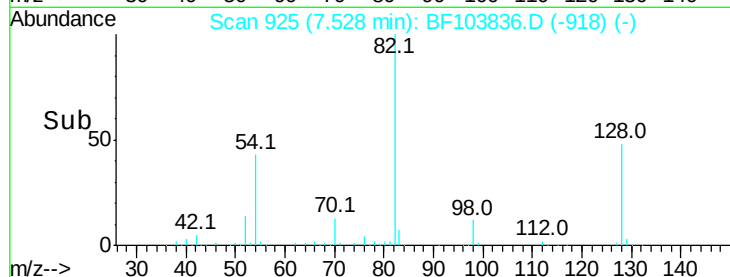
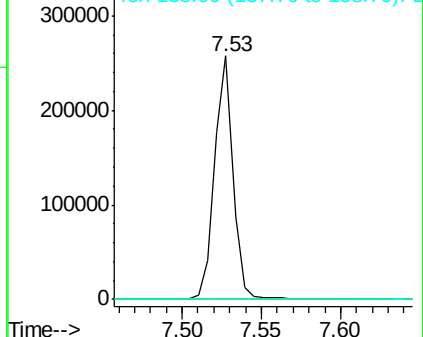
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 23.789 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

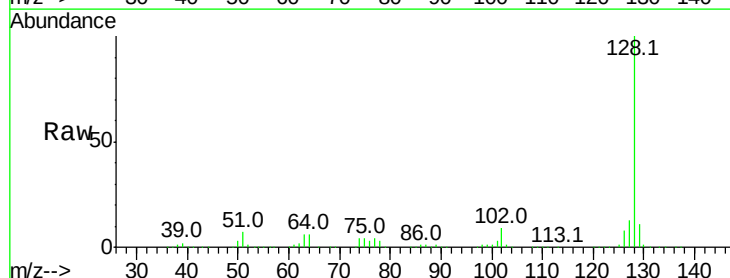
Tgt Ion:128 Resp: 802875

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

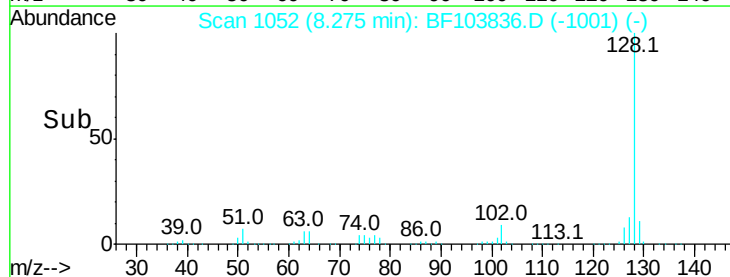
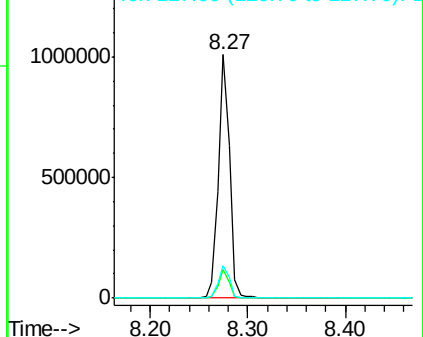
127 13.3 10.9 16.3

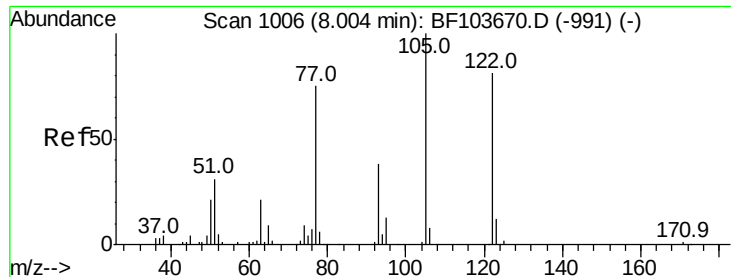


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 9.964 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.02 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

Instrument :

BNA_F

ClientSampleId :

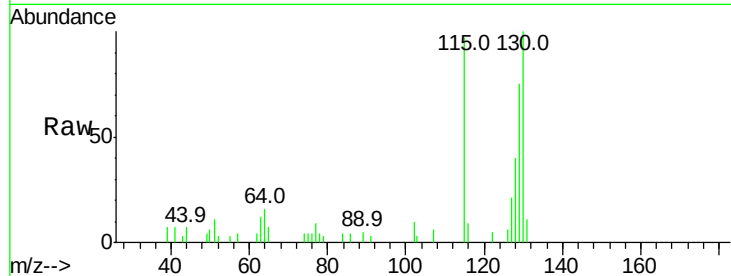
Tot Ion:122 Resp: 493

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

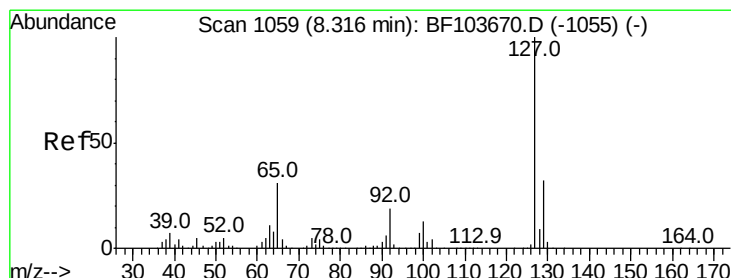
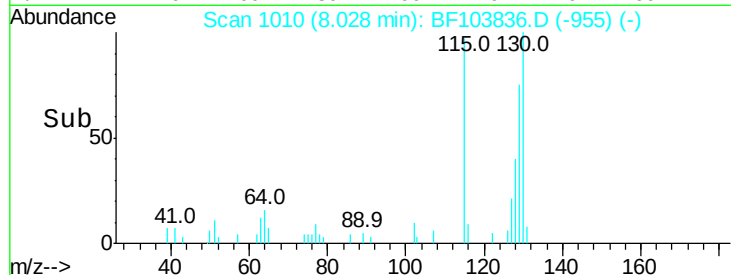
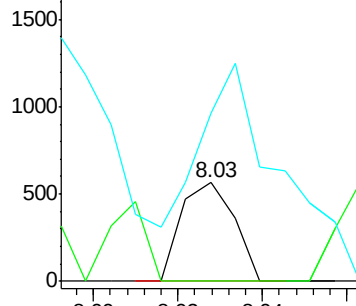
77 169.7 70.7 110.7#



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: 7.528 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.04 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

Tgt Ion:127 Resp: 106593

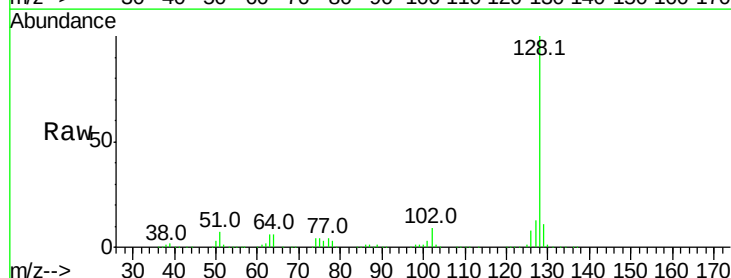
Ion Ratio Lower Upper

127 100

129 86.1 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

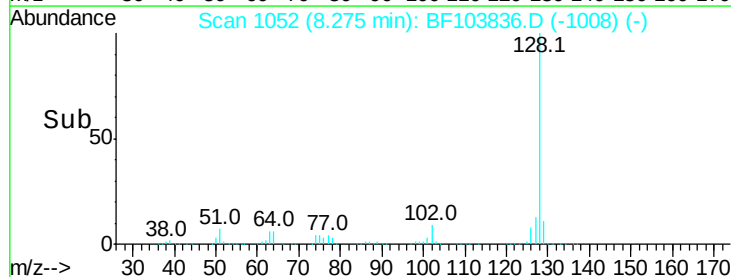
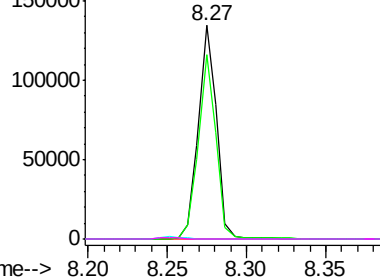


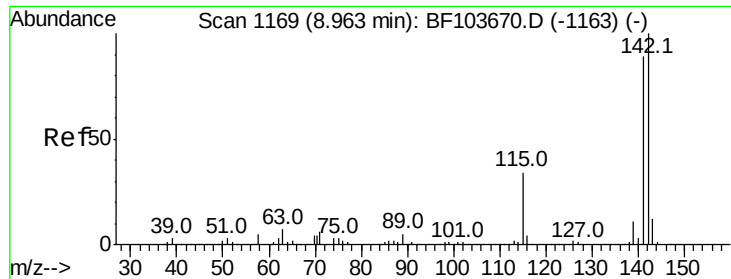
Abundance Ion 127.00 (126.70 to 127.70): E

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

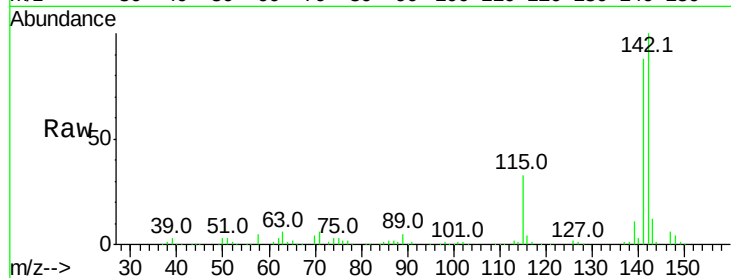




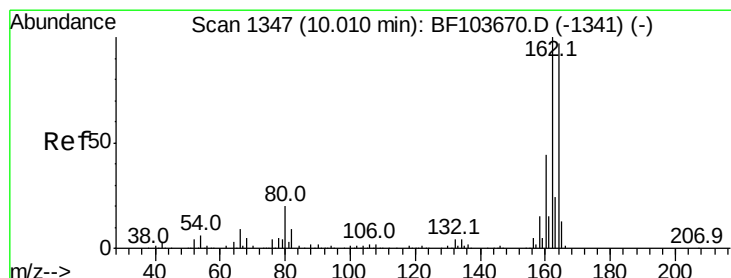
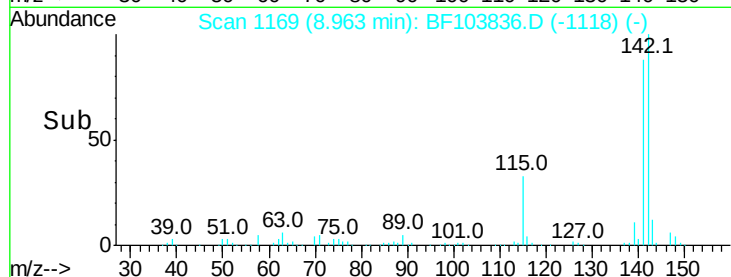
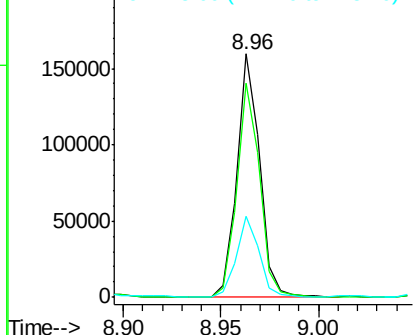
#37
2-Methylnaphthalene
Concen: 6.055 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 129582
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2
115 33.2 26.1 39.1

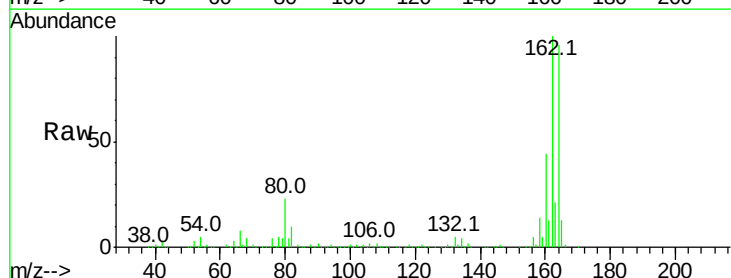


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

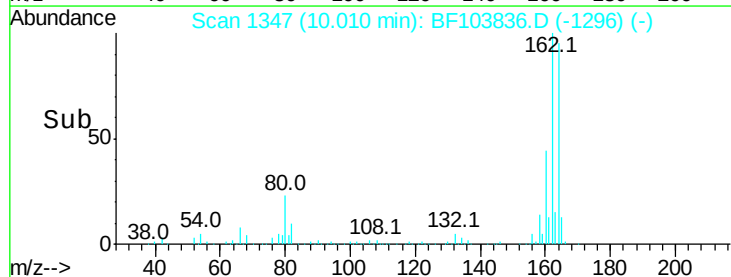
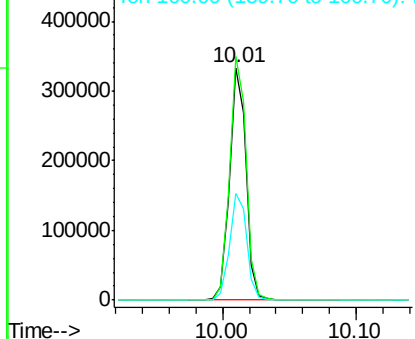


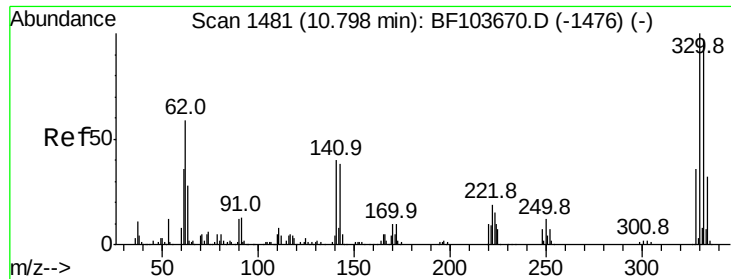
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

Tgt Ion:164 Resp: 290470
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 45.6 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

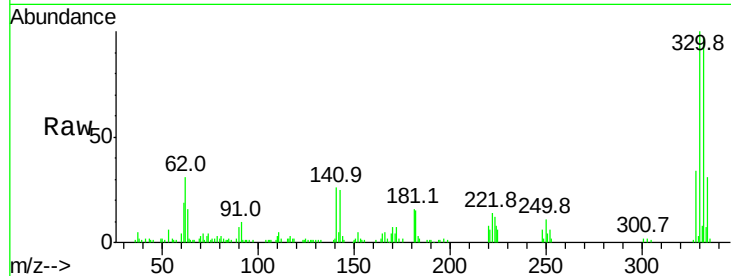




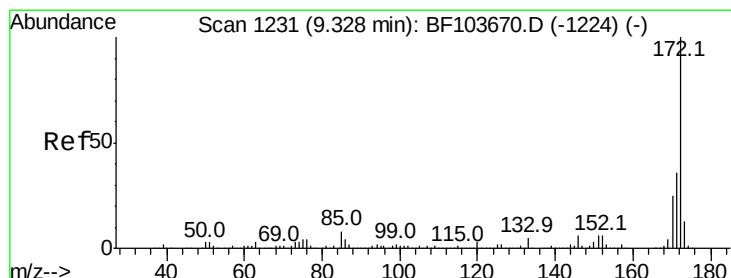
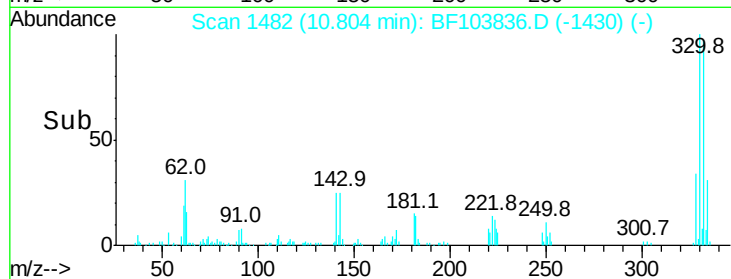
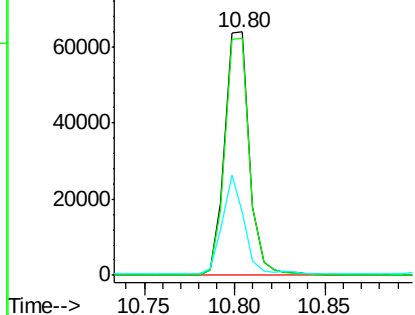
#41
 2,4,6-Tribromophenol
 Concen: 24.415 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103836.D
 Acq: 21 Mar 2018 7:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 60976
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 36.6 29.9 44.9

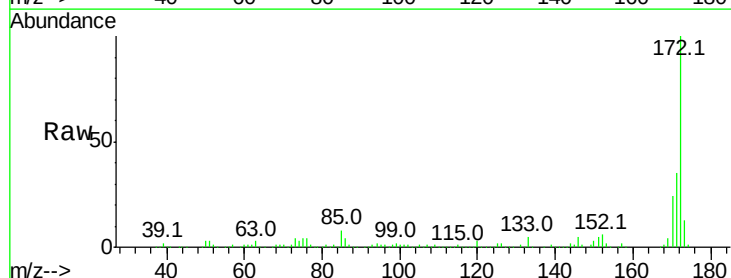


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

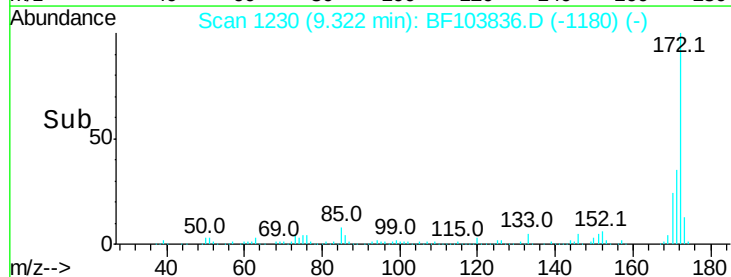
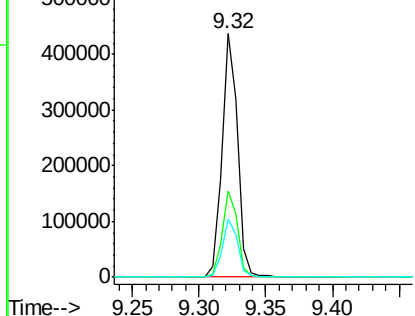


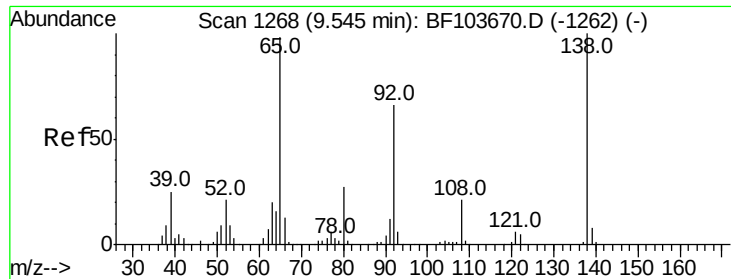
#44
 2-Fluorobiphenyl
 Concen: 19.799 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103836.D
 Acq: 21 Mar 2018 7:21

Tgt Ion:172 Resp: 360533
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.6 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

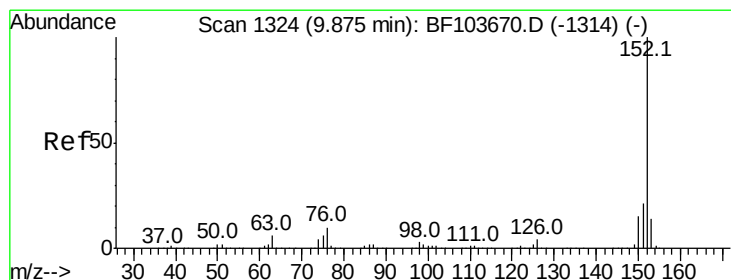
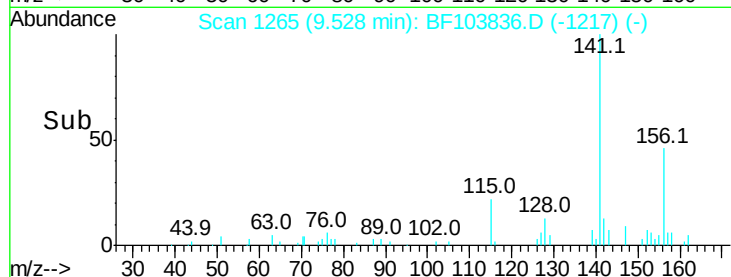
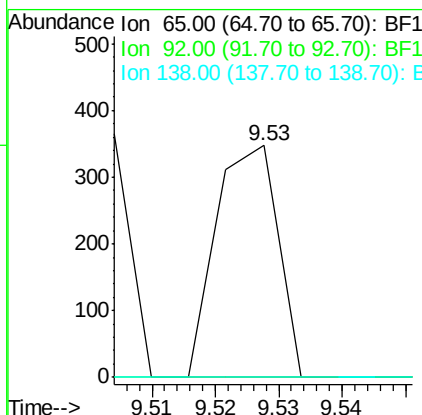
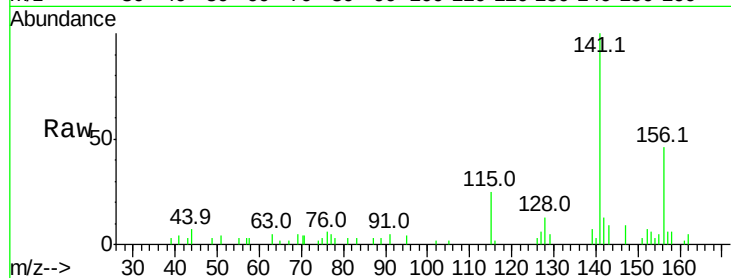




#47
2-Nitroaniline
Concen: 6.854 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

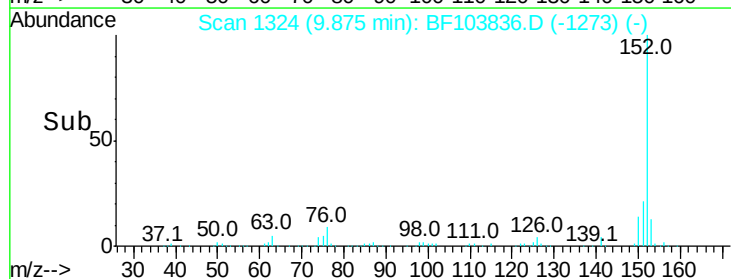
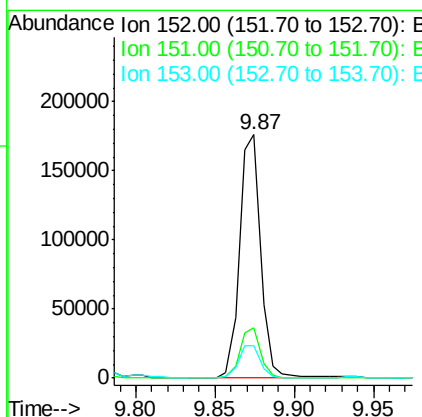
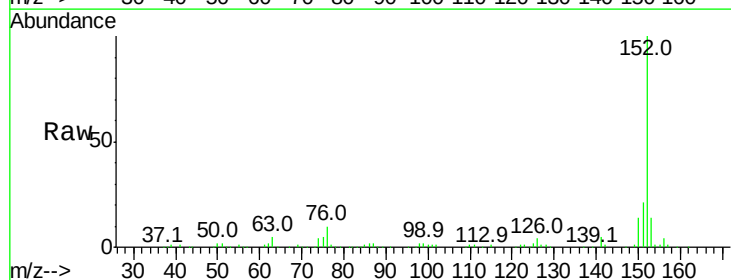
Instrument :
BNA_F
ClientSampled :

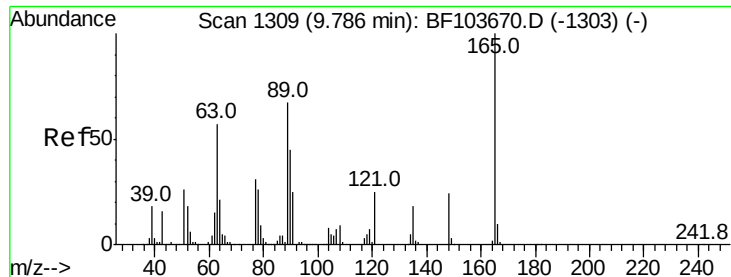
Tot Ion: 65 Resp: 232
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#48
Acenaphthylene
Concen: 5.476 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

Tgt Ion:152 Resp: 163370
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.5 10.7 16.1

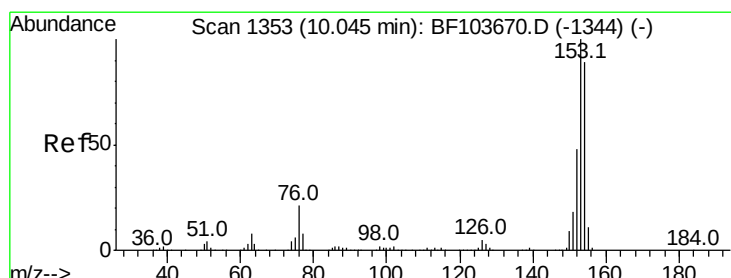
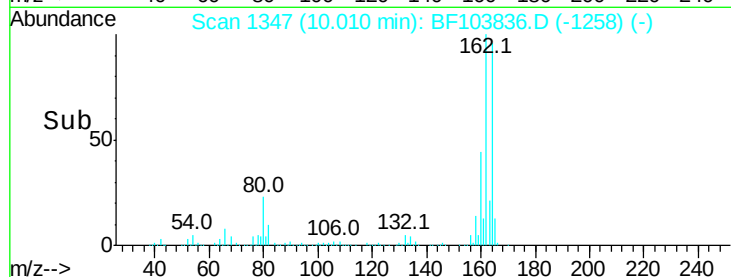
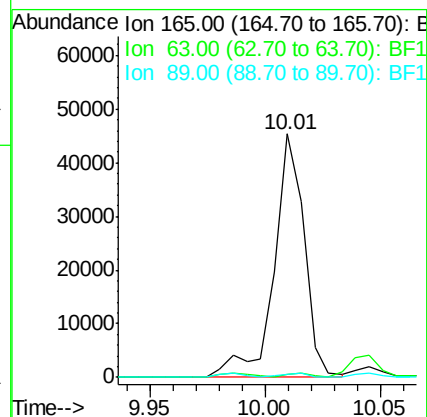
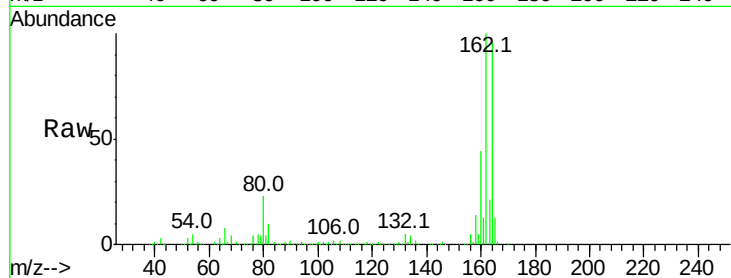




#50
2,6-Dinitrotoluene
Concen: 12.792 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

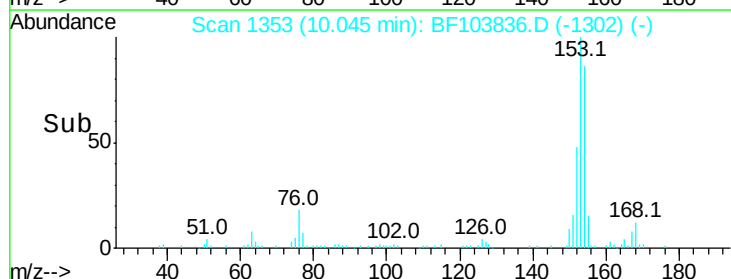
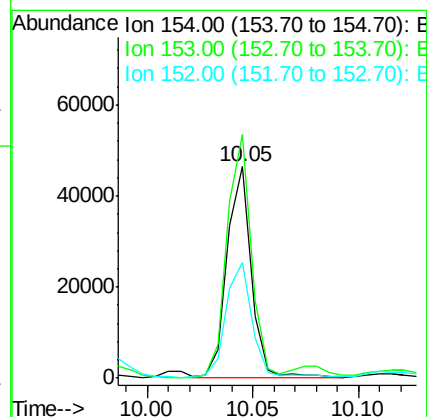
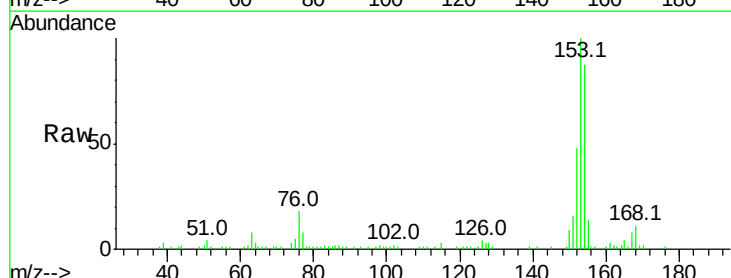
Instrument :
BNA_F
ClientSampleId :

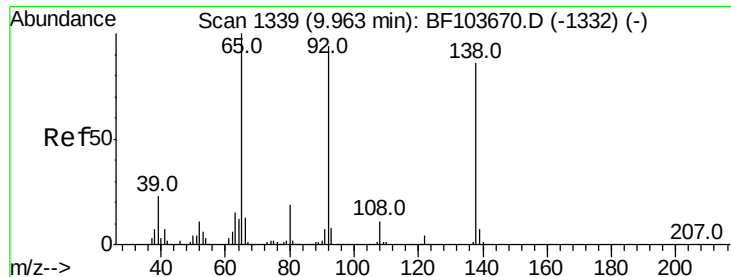
Tot Ion:165 Resp: 41178
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.1 44.0 66.0#



#51
Acenaphthene
Concen: 2.097 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

Tgt Ion:154 Resp: 37148
Ion Ratio Lower Upper
154 100
153 115.3 91.2 136.8
152 55.0 43.8 65.8





#52

3-Nitroaniline

Concen: 3.929 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.25 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

Instrument :

BNA_F

ClientSampleId :

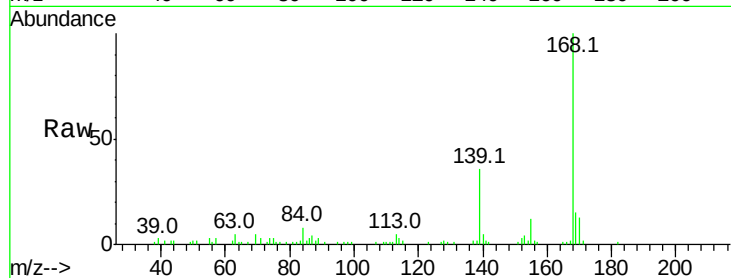
Tot Ion:138 Resp: 637

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

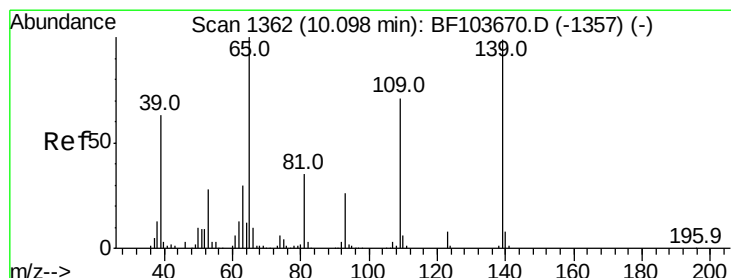
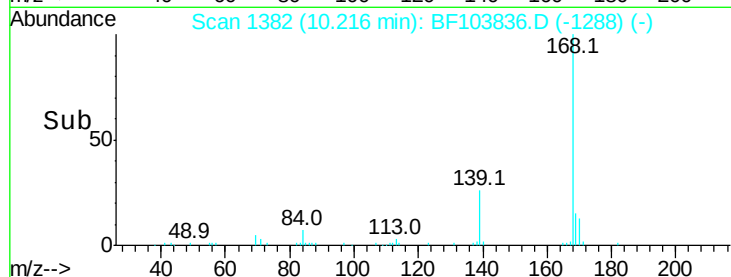
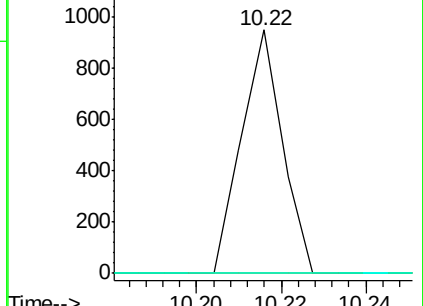
92 0.0 89.4 134.2#



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



#55

4-Nitrophenol

Concen: 5.132 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.05 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

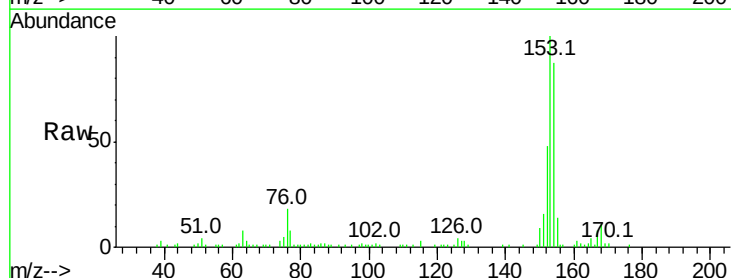
Tgt Ion:139 Resp: 701

Ion Ratio Lower Upper

139 100

109 59.7 48.4 88.4

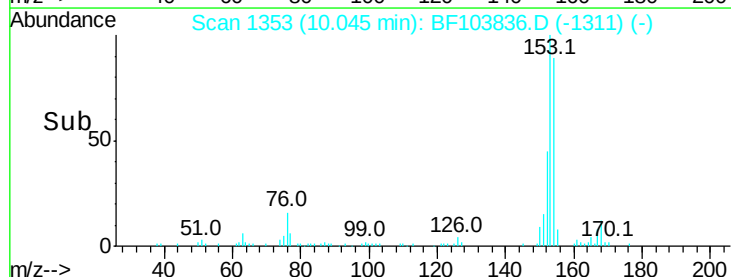
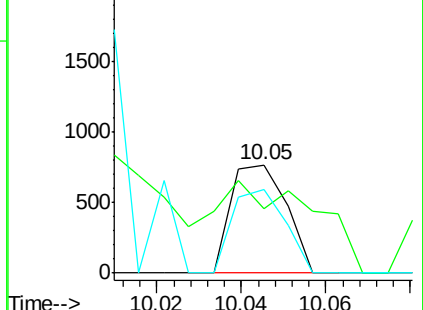
65 77.4 72.6 112.6

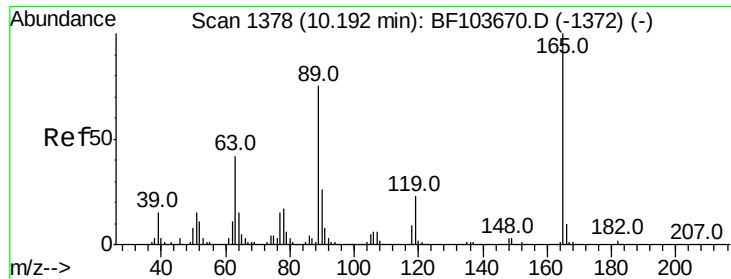


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 6.527 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.02 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 1957

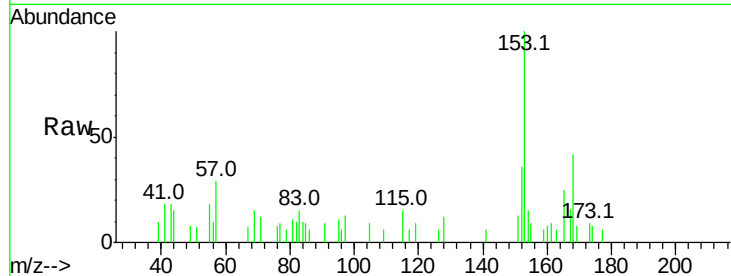
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

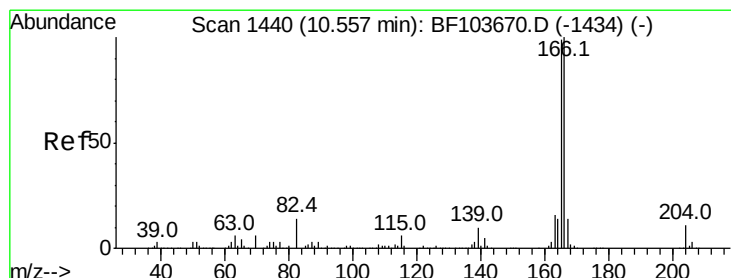
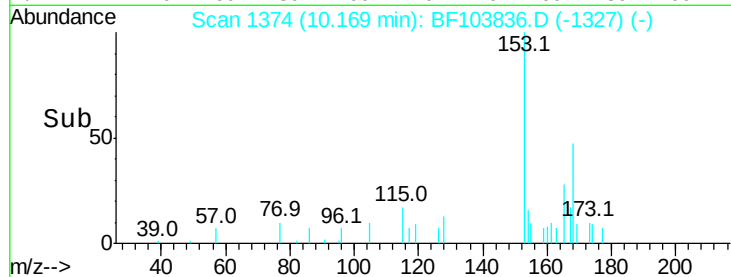
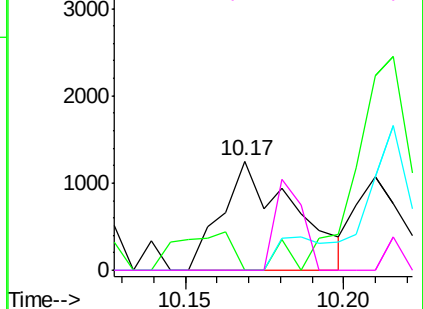


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 5.396 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

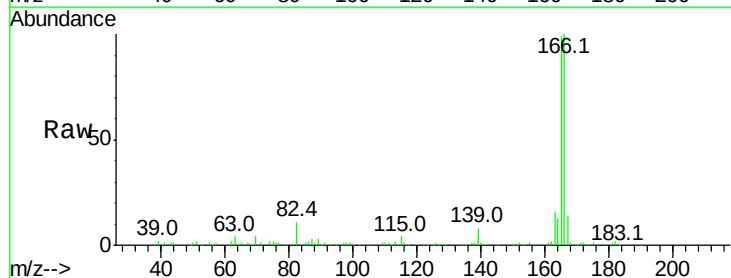
Tgt Ion:166 Resp: 105931

Ion Ratio Lower Upper

166 100

165 99.4 79.8 119.8

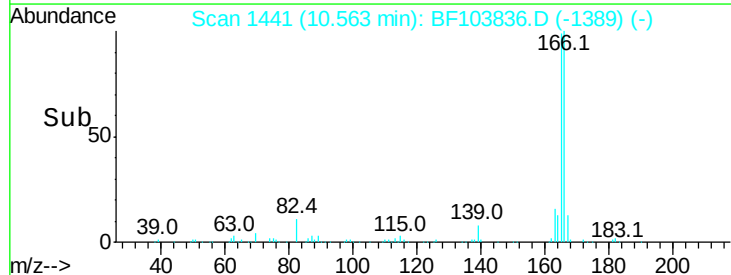
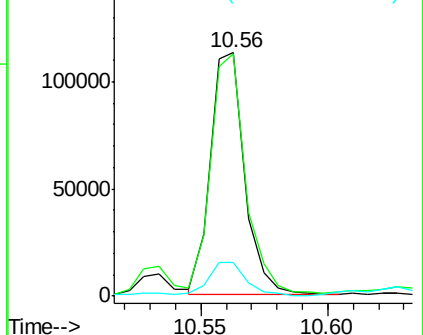
167 13.9 10.6 16.0

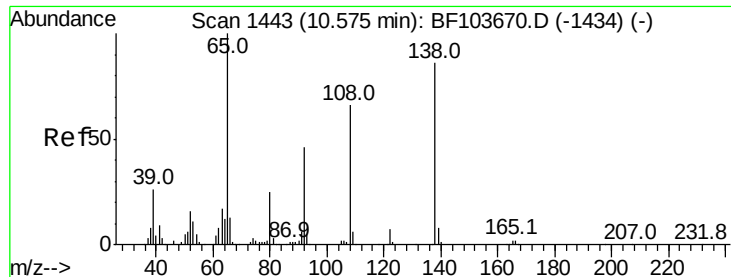


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

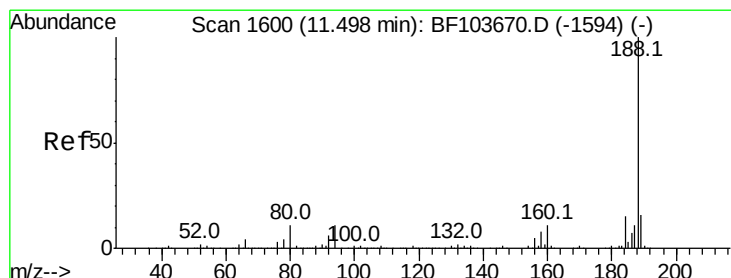
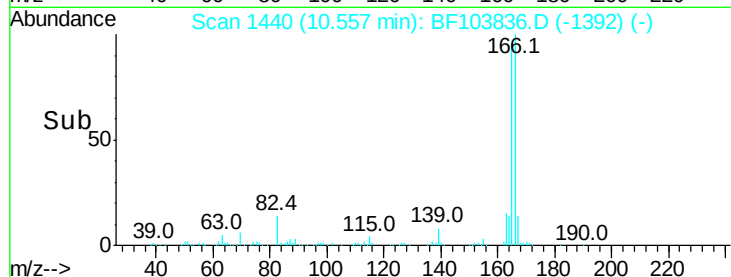
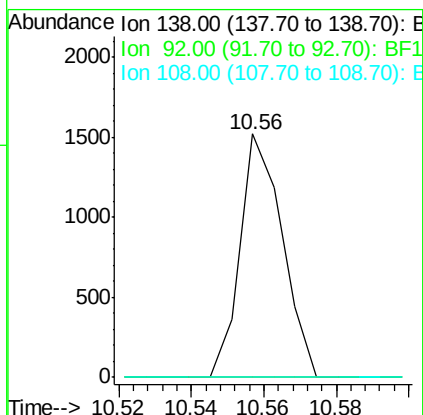
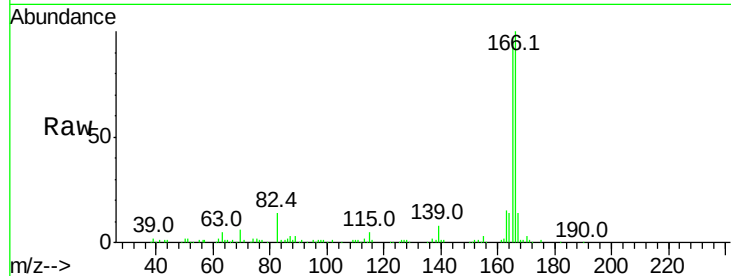




#61
4-Nitroaniline
Concen: 3.980 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

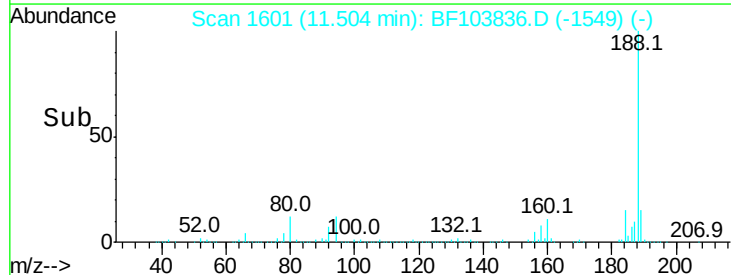
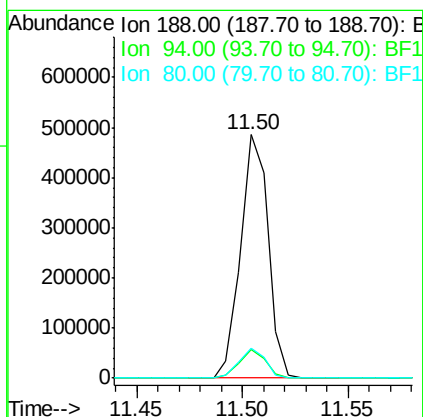
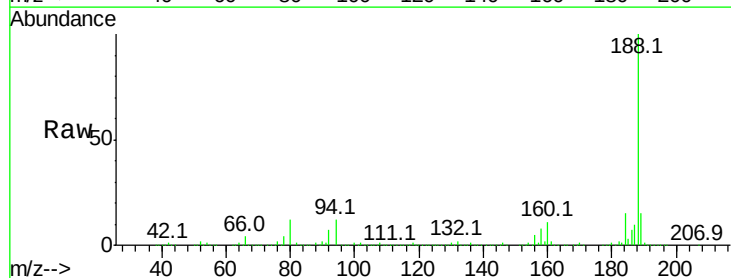
Instrument :
BNA_F
ClientSampleId :

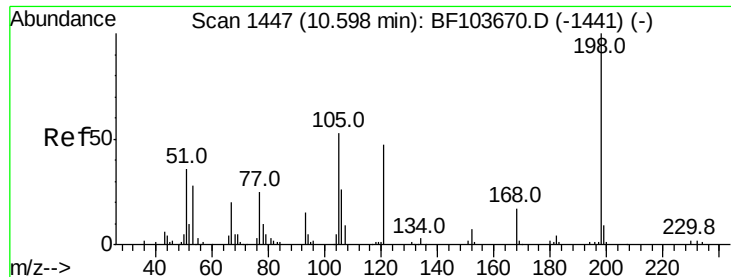
Tot Ion:138 Resp: 1237
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

Tgt Ion:188 Resp: 439626
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.4 9.2 13.8

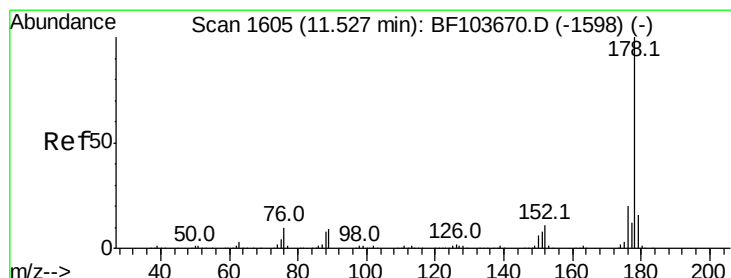
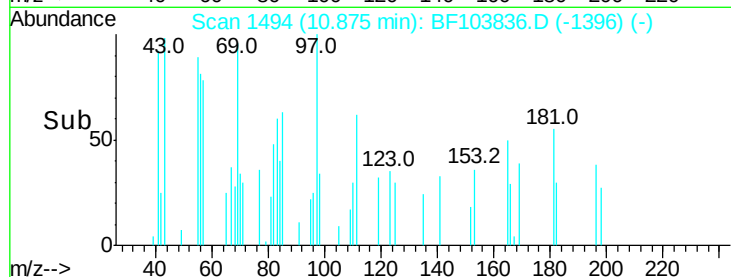
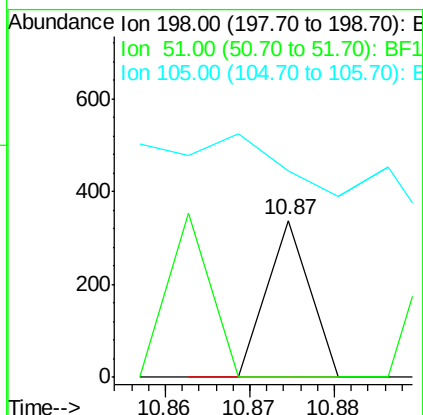
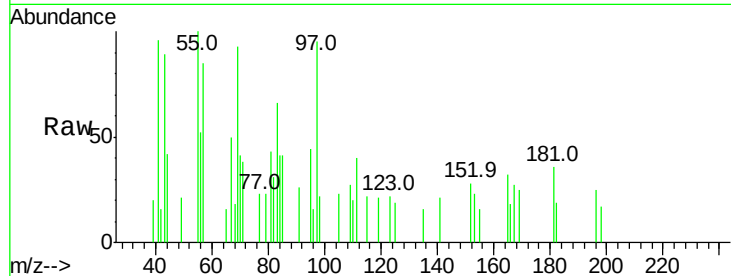




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.197 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.28 min
 Lab File: BF103836.D
 Acq: 21 Mar 2018 7:21

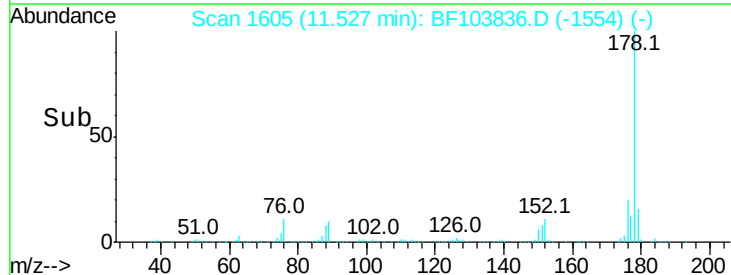
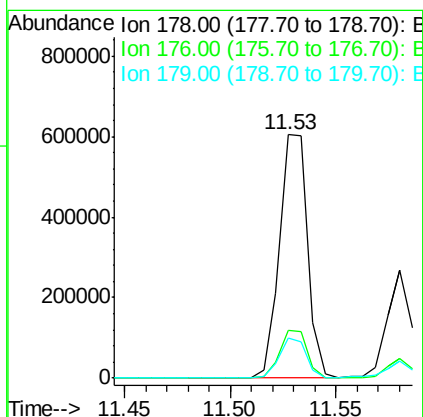
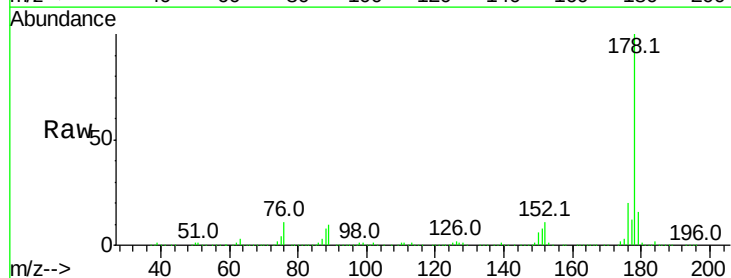
Instrument :
 BNA_F
 ClientSampled :

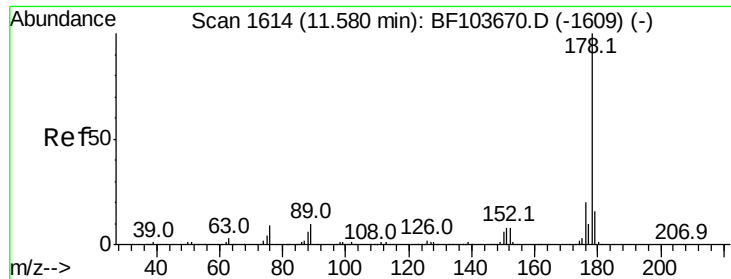
Tot Ion:198 Resp: 119
 Ion Ratio Lower Upper
 198 100
 51 0.0 37.7 77.7#
 105 132.0 36.3 76.3#



#70
 Phenanthrene
 Concen: 23.320 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF103836.D
 Acq: 21 Mar 2018 7:21

Tgt Ion:178 Resp: 560808
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 16.2 13.0 19.6

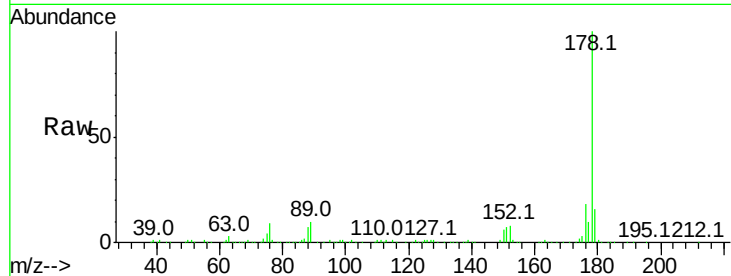




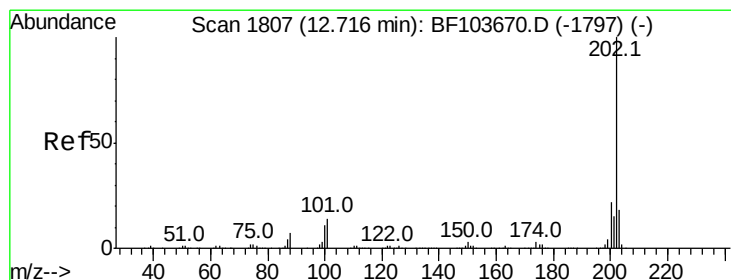
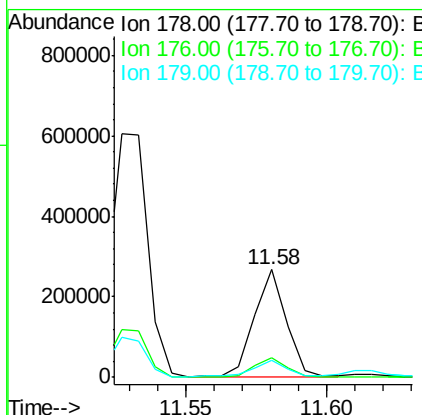
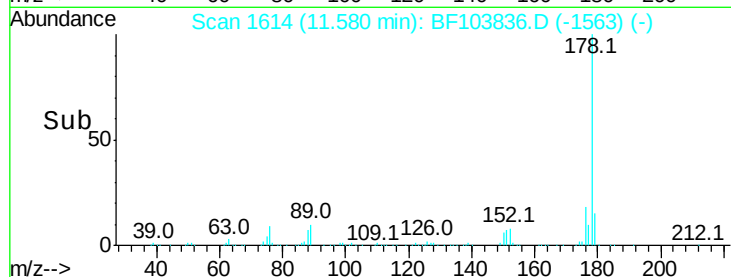
#71
 Anthracene
 Concen: 8.460 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF103836.D
 Acq: 21 Mar 2018 7:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 206647
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.8 12.6 19.0

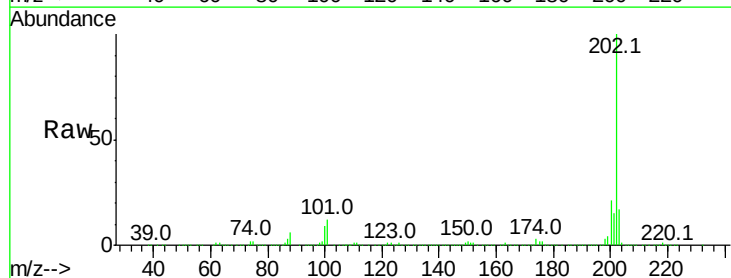


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

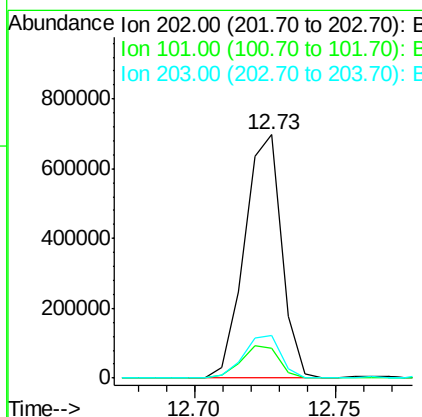
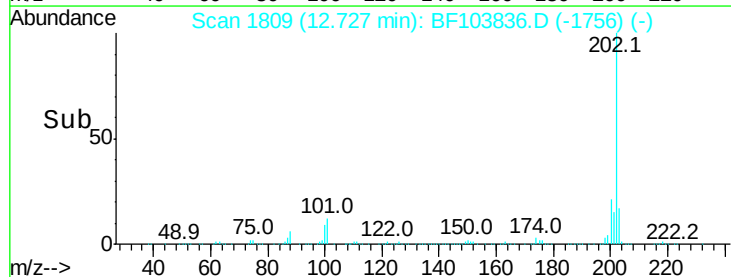


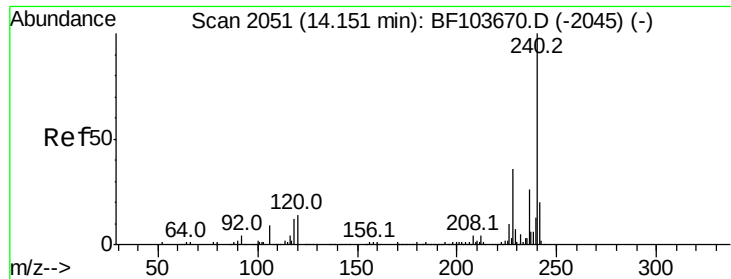
#74
 Fluoranthene
 Concen: 25.669 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BF103836.D
 Acq: 21 Mar 2018 7:21

Tgt Ion:202 Resp: 635971
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 34.1
 203 17.3 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: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

Instrument :

BNA_F

ClientSampled :

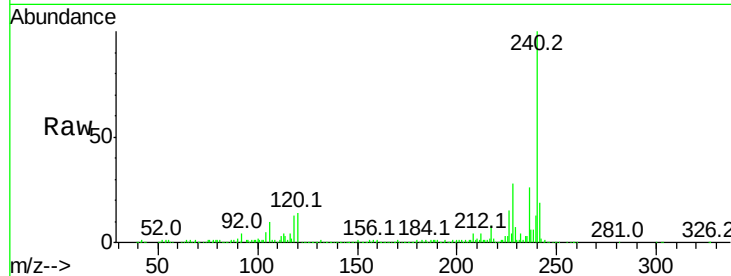
Tot Ion:240 Resp: 317797

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

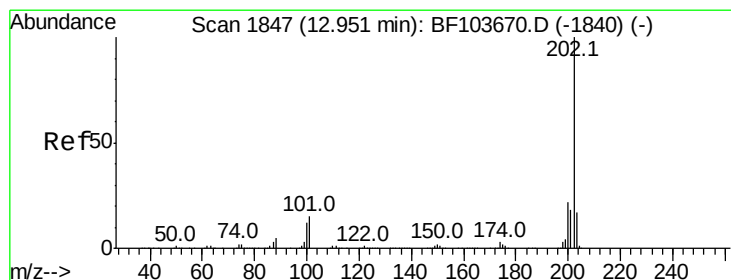
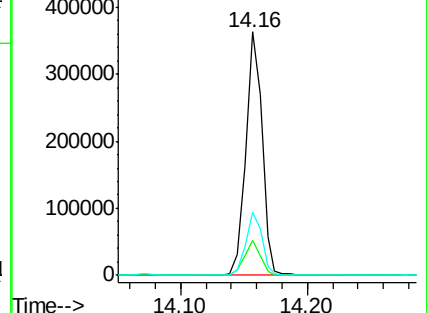
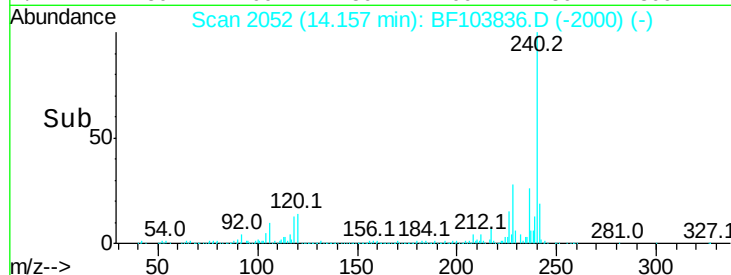
236 26.0 20.7 31.1



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: 27.644 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

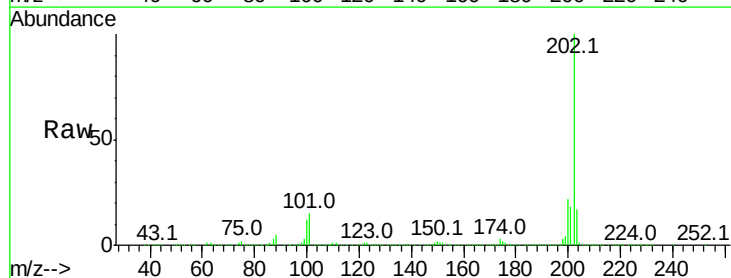
Tgt Ion:202 Resp: 645172

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

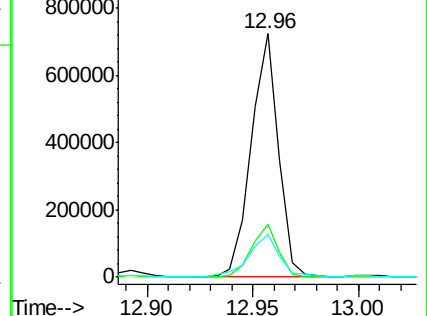
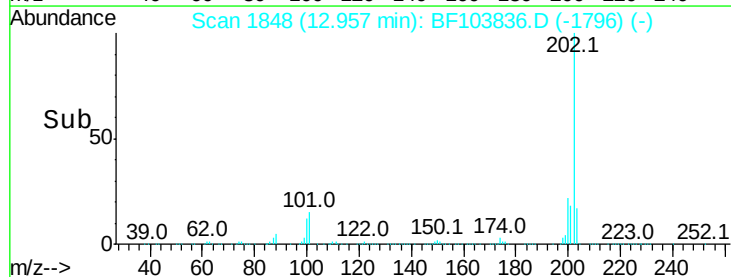
203 17.4 14.3 21.5

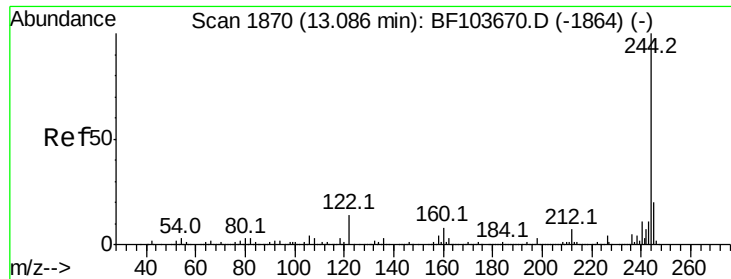


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 18.495 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

Instrument :

BNA_F

ClientSampleId :

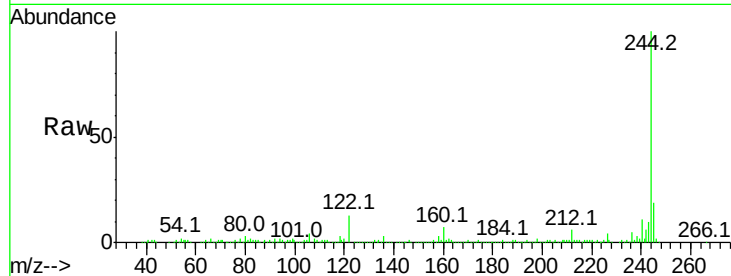
Tot Ion:244 Resp: 253228

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

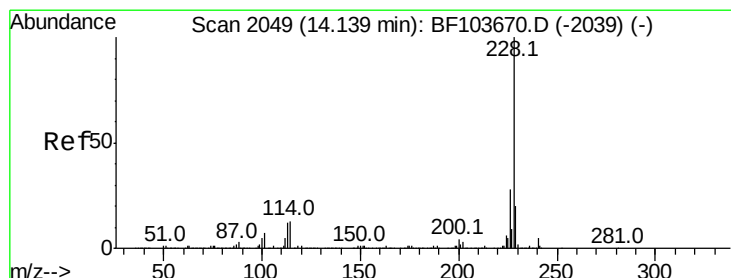
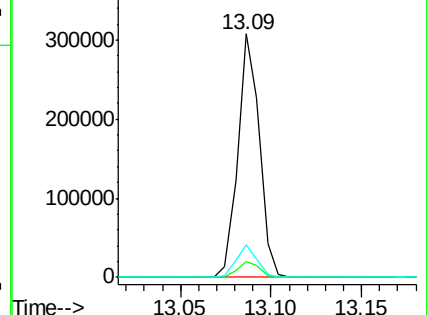
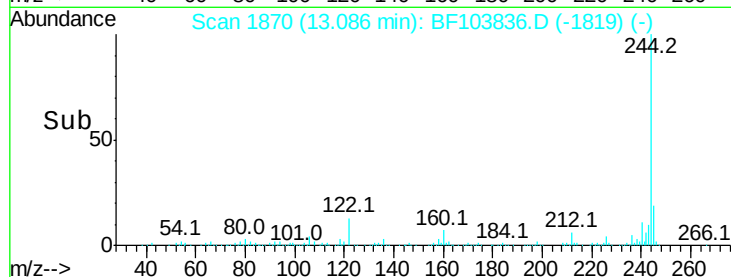
122 13.2 11.0 16.4



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: 17.336 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

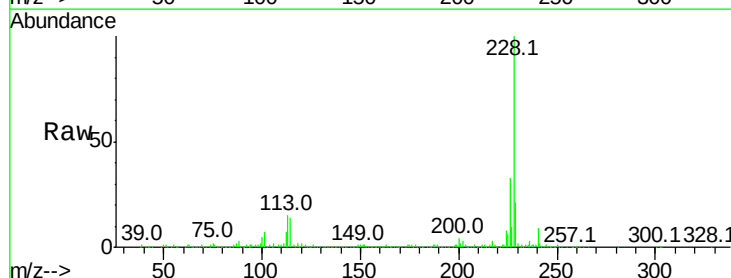
Tgt Ion:228 Resp: 348742

Ion Ratio Lower Upper

228 100

226 33.4 22.6 33.8

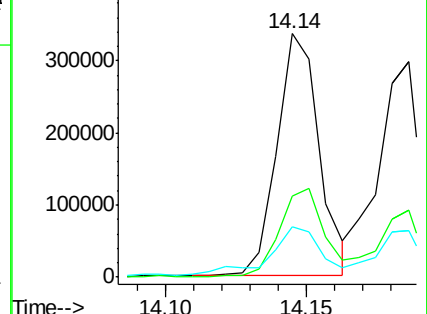
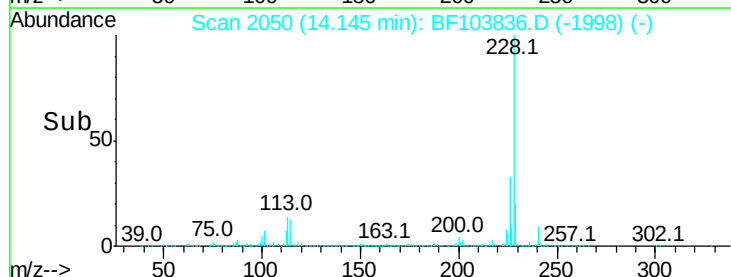
229 20.9 15.8 23.6

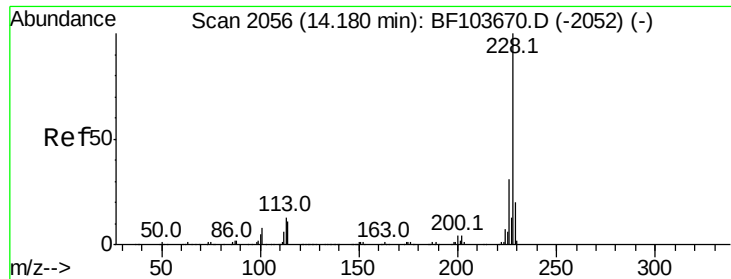


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 15.892 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

Instrument :

BNA_F

ClientSampled :

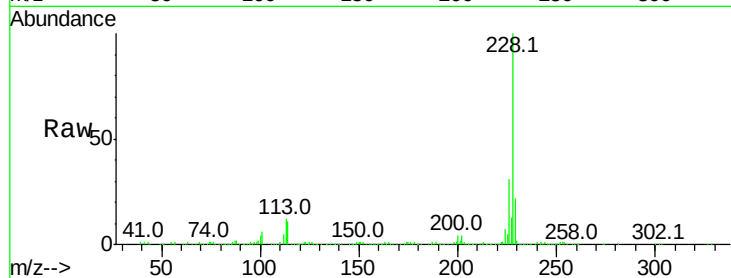
Tot Ion:228 Resp: 304750

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

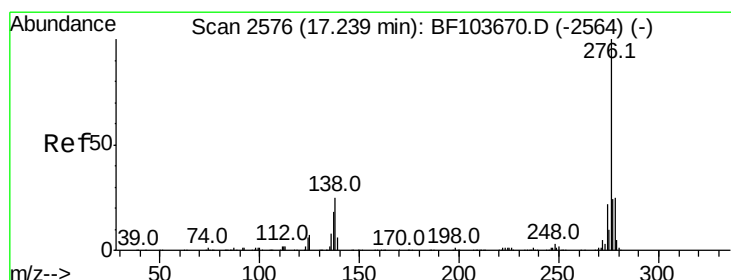
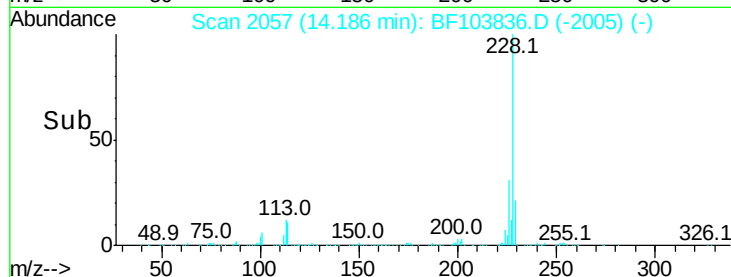
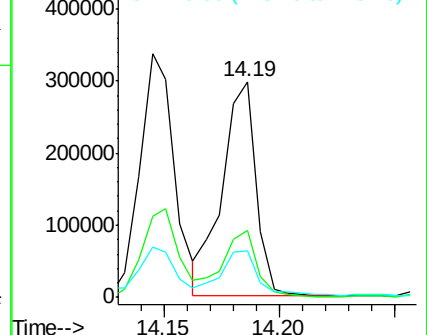
229 21.8 16.2 24.4



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 7.257 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.02 min

Lab File: BF103836.D

Acq: 21 Mar 2018 7:21

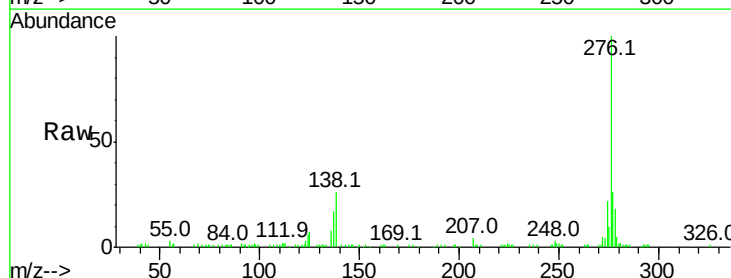
Tgt Ion:276 Resp: 121531

Ion Ratio Lower Upper

276 100

138 26.0 25.0 37.6

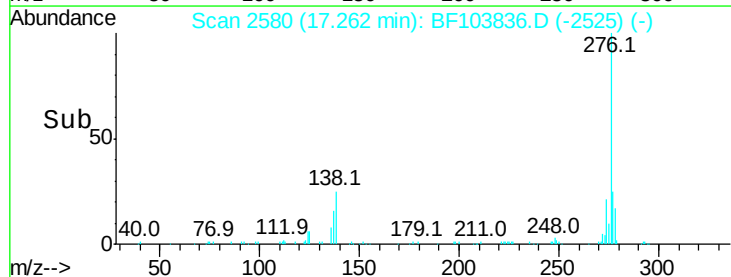
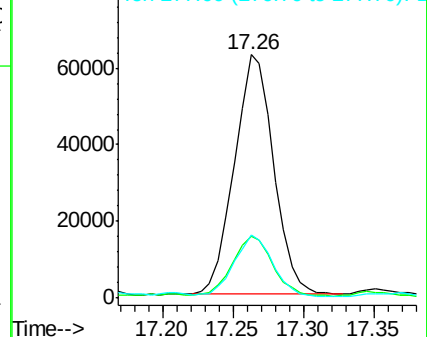
277 25.2 20.1 30.1

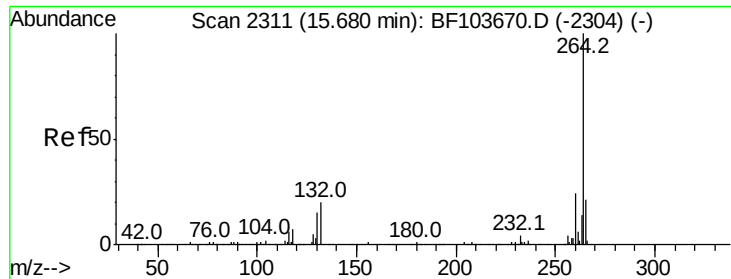


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

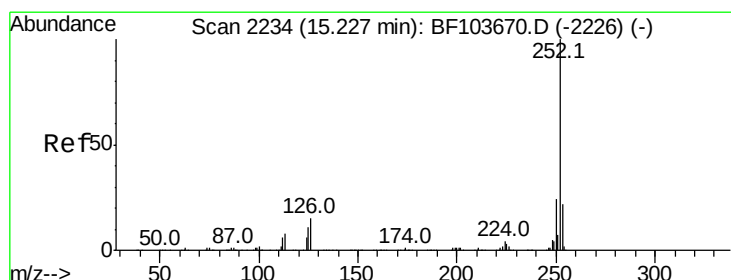
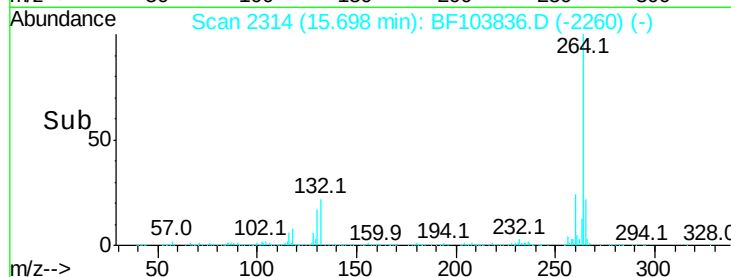
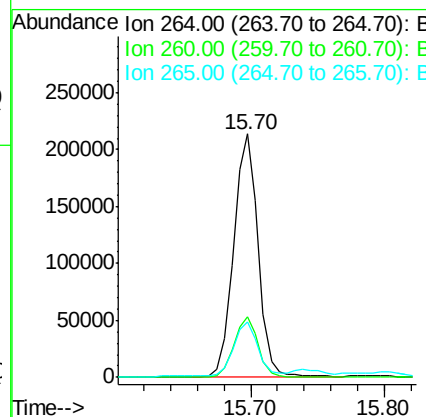
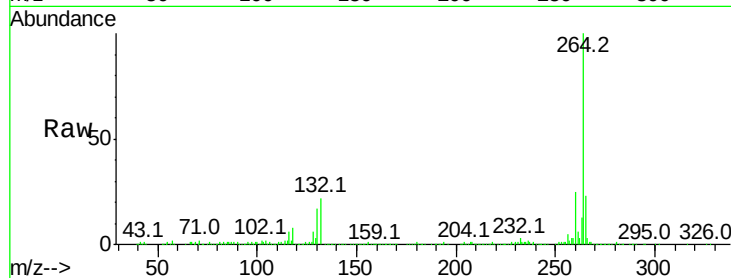




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.02 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

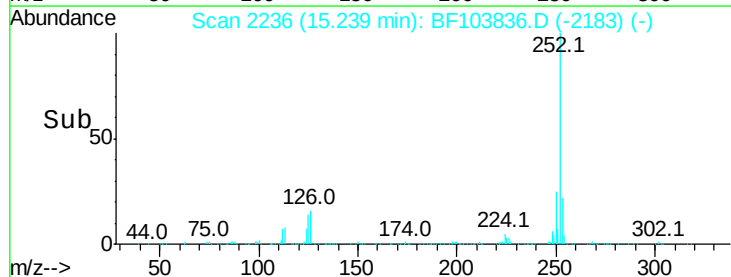
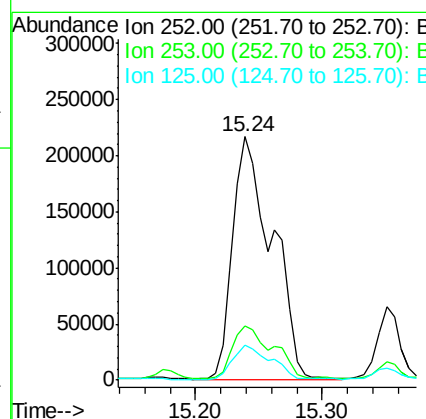
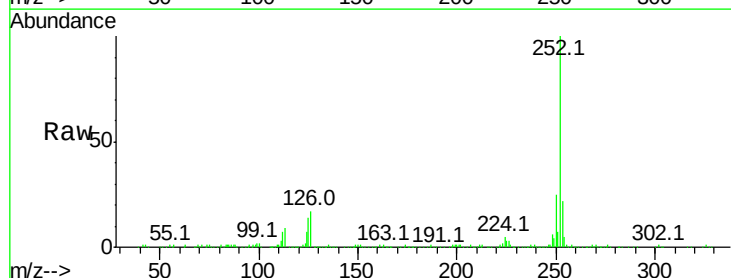
Instrument :
BNA_F
ClientSampleId :

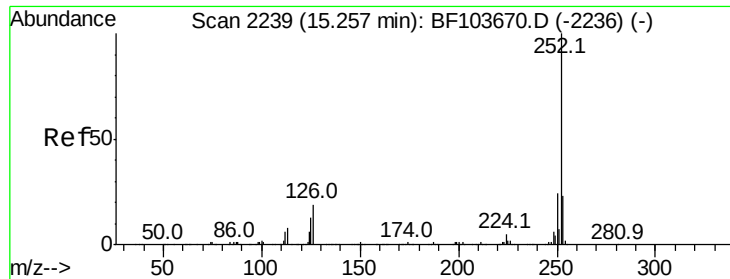
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.6	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 27.033 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	14.3	9.0	13.6

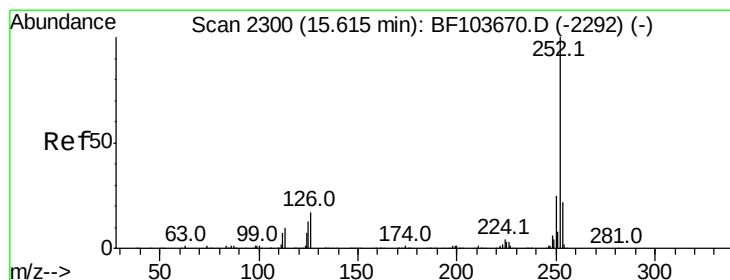
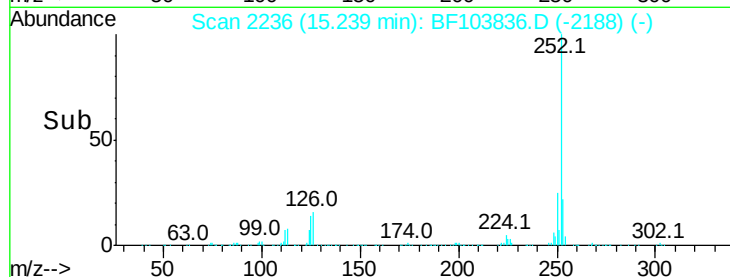
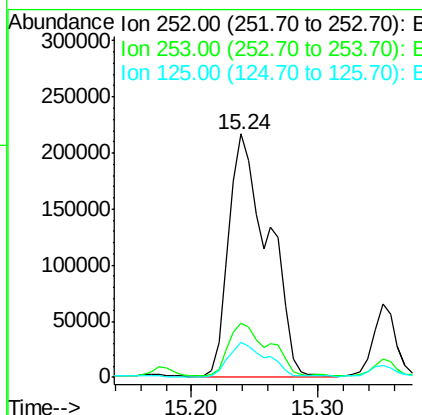
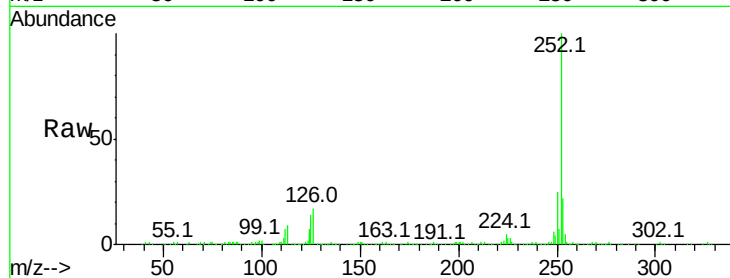




#88
Benzo(k)fluoranthene
Concen: 28.122 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

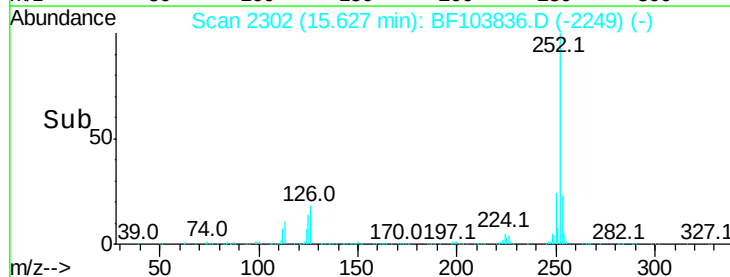
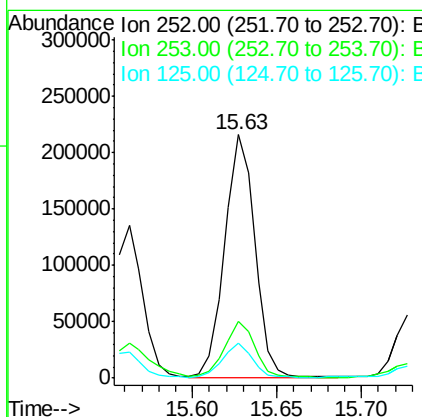
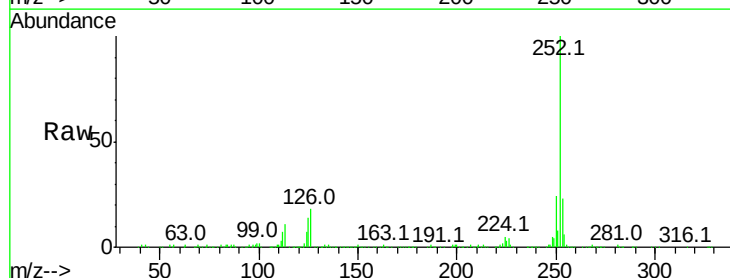
Instrument :
BNA_F
ClientSampled :

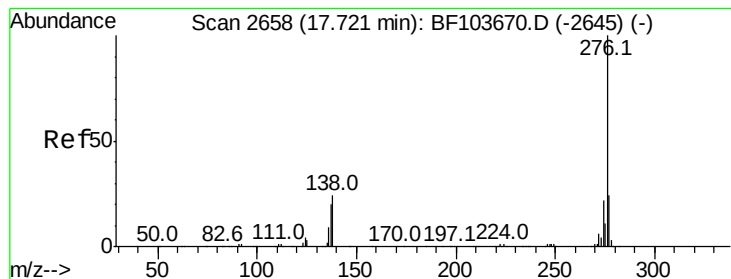
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	14.3	10.2	15.2



#89
Benzo(a)pyrene
Concen: 17.095 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF103836.D
Acq: 21 Mar 2018 7:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	14.3	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 8.814 ng
 RT: 17.74 min Scan# 2662
 Delta R.T. 0.02 min
 Lab File: BF103836.D
 Acq: 21 Mar 2018 7:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	27.2	21.8	32.8

