

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103767.D
 Acq On : 19 Mar 2018 20:30
 Operator : JU/SJ
 Sample : J1971-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 00:57:33 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	155939	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	613177	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	257554	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	399029	20.00	ng	0.00
75) Chrysene-d12	14.16	240	316902	20.00	ng	0.00
86) Perylene-d12	15.69	264	240518	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1298258	126.63	ng	0.02
7) Phenol-d6	6.60	99	1609098	128.29	ng	0.01
23) Nitrobenzene-d5	7.54	82	968349	110.13	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	310824	140.36	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1345189	83.31	ng	0.00
78) Terphenyl-d14	13.10	244	1103539	80.83	ng	0.01

Target Compounds

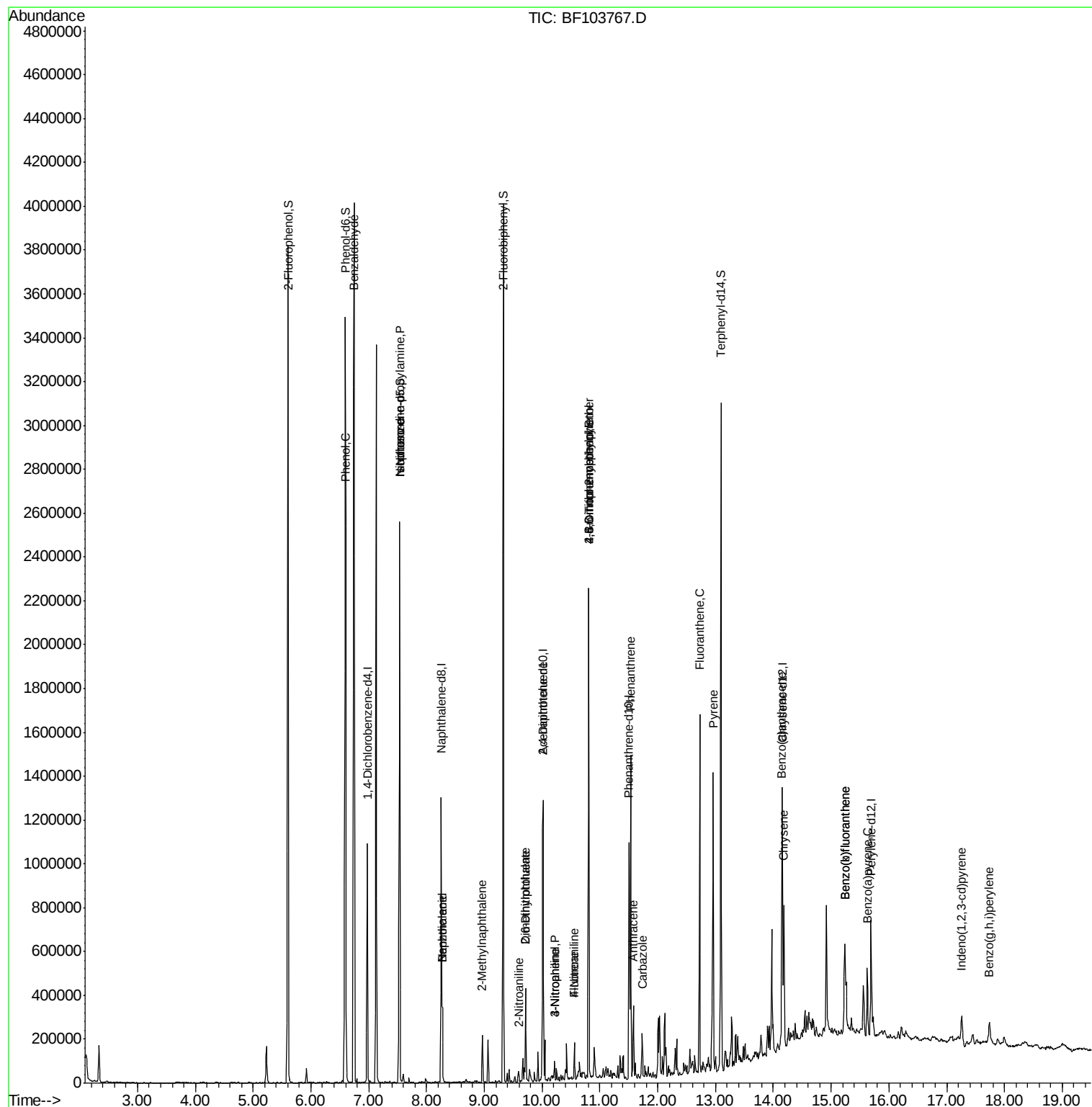
						Qvalue
9) Benzaldehyde	6.75	77	27018	3.279	ng	86
10) Phenol	6.61	94	53020	3.978	ng	92
19) n-Nitroso-di-n-propylamine	7.54	70	127803	15.899	ng	# 72
25) Isophorone	7.54	82	965350	47.426	ng	# 64
31) Naphthalene	8.27	128	128939	4.163	ng	99
32) Benzoic acid	8.27	122	181	9.928	ng	# 1
37) 2-Methylnaphthalene	8.96	142	56617	2.882	ng	98
47) 2-Nitroaniline	9.60	65	122	6.838	ng	# 2
49) Dimethylphthalate	9.72	163	140072	7.128	ng	99
50) 2,6-Dinitrotoluene	9.72	165	1804	4.419	ng	# 31
52) 3-Nitroaniline	10.22	138	197	3.854	ng	# 2
55) 4-Nitrophenol	10.22	139	8237	7.117	ng	# 10
56) 2,4-Dinitrotoluene	10.02	165	34008	12.361	ng	# 24
57) Fluorene	10.56	166	42851	2.462	ng	98
61) 4-Nitroaniline	10.56	138	488	3.852	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.80	198	671	8.620	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	19004	4.639	ng	# 1
70) Phenanthrene	11.53	178	512935	23.499	ng	98
71) Anthracene	11.58	178	108242	4.882	ng	98
72) Carbazole	11.73	167	69683	3.234	ng	99
74) Fluoranthene	12.73	202	598795	26.628	ng	98
77) Pyrene	12.96	202	521903	22.425	ng	99
80) Benzo(a)anthracene	14.14	228	241699	12.049	ng	99
82) Chrysene	14.18	228	250350	13.092	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	82726	4.954	ng	95
87) Benzo(b)fluoranthene	15.24	252	319365	21.017	ng	# 95
88) Benzo(k)fluoranthene	15.24	252	319365	21.864	ng	98
89) Benzo(a)pyrene	15.63	252	148354	10.764	ng	96
91) Benzo(g,h,i)perylene	17.74	276	76291	6.571	ng	97

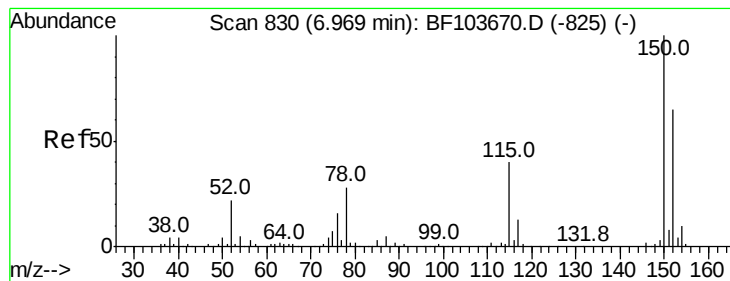
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103767.D
Acq On : 19 Mar 2018 20:30
Operator : JU/SJ
Sample : J1971-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 20 00:57:33 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



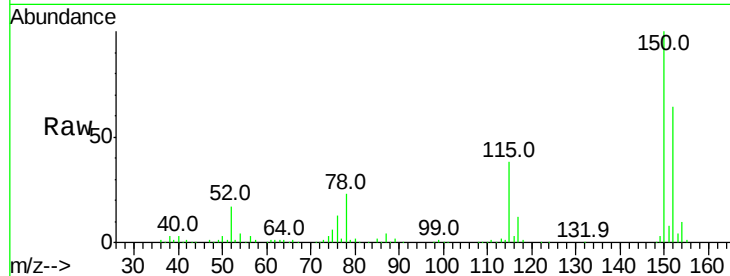


#1

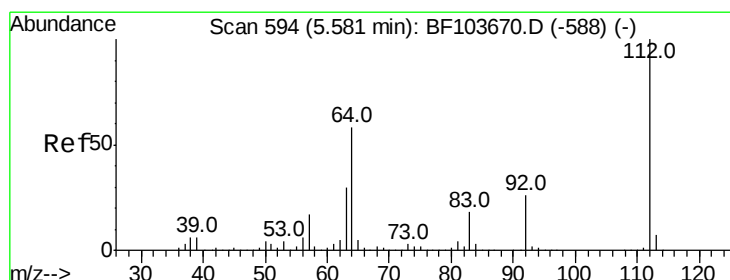
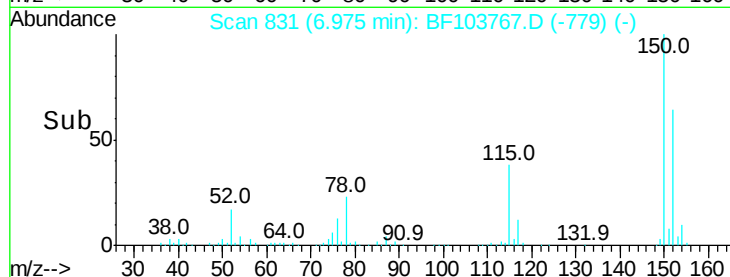
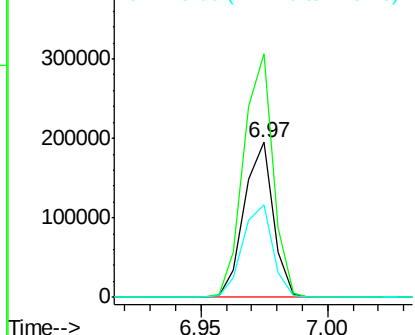
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155939
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 59.8 50.1 75.1



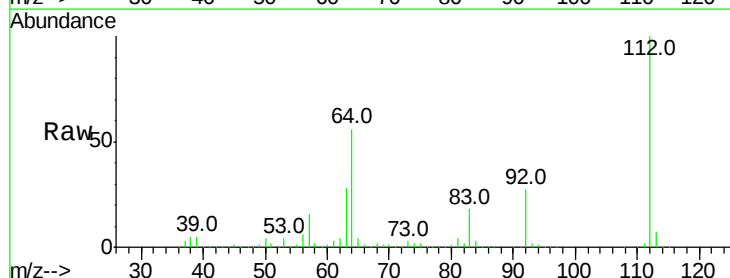
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



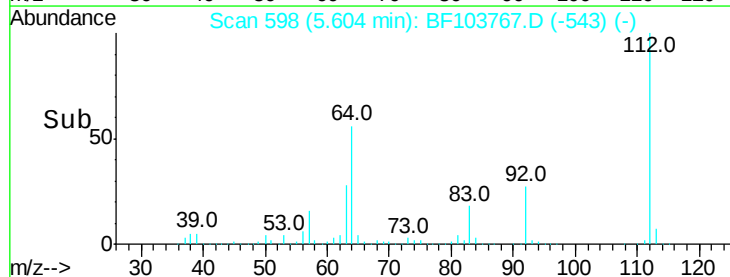
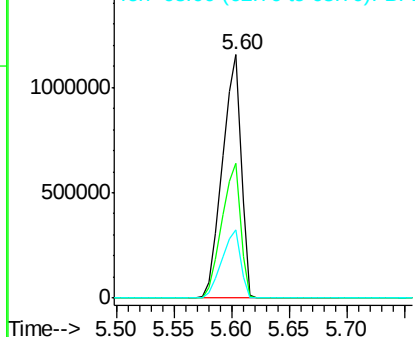
#5

2-Fluorophenol
Concen: 126.629 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:112 Resp: 1298258
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 28.2 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: 128.285 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

Instrument :

BNA_F

ClientSampleId :

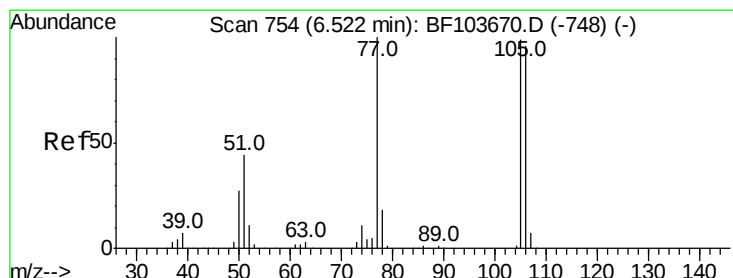
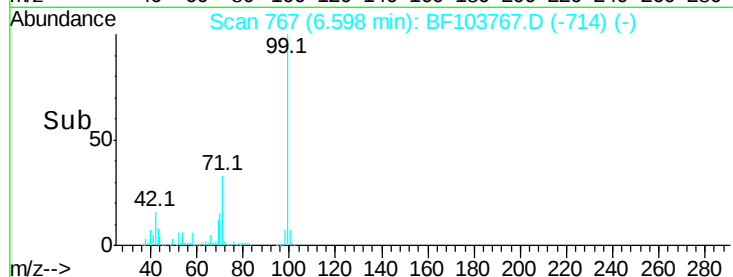
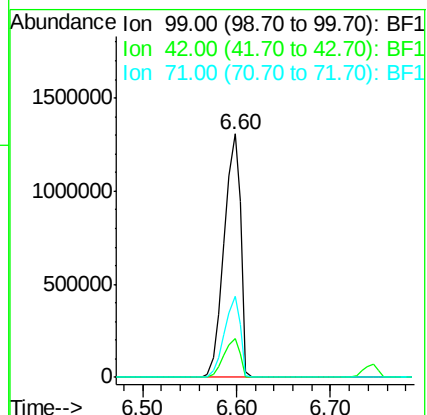
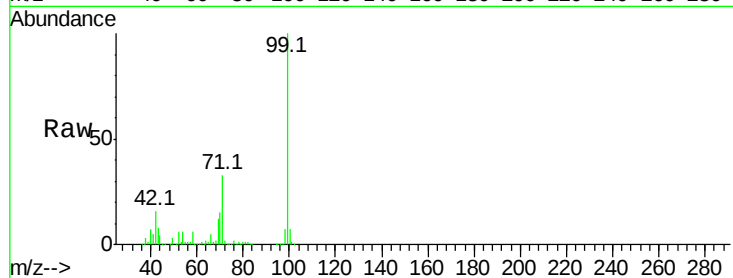
Tot Ion: 99 Resp: 1609098

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 33.3 25.4 38.0



#9

Benzaldehyde

Concen: 3.279 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.22 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

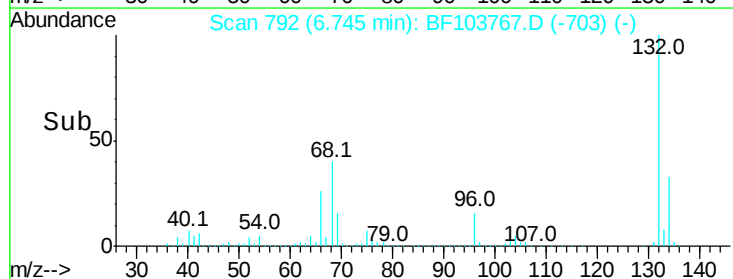
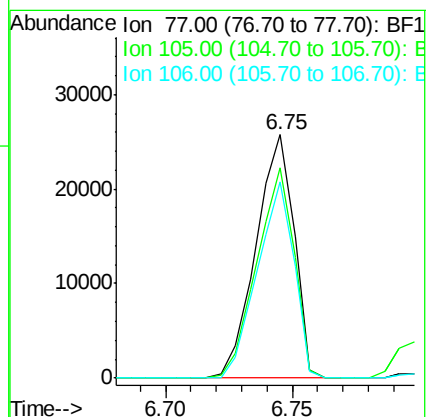
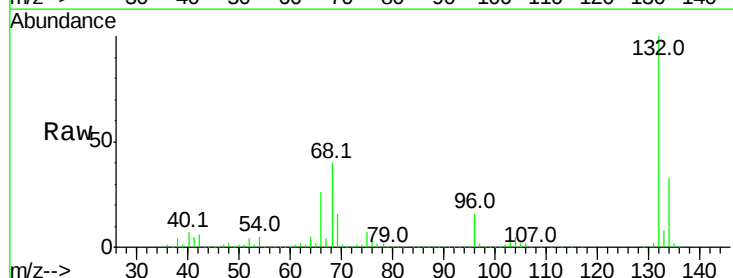
Tgt Ion: 77 Resp: 27018

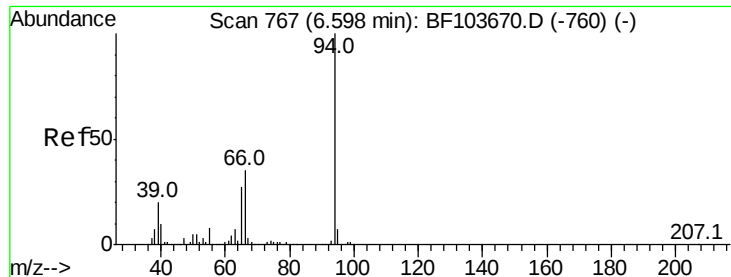
Ion Ratio Lower Upper

77 100

105 86.3 81.1 121.1

106 80.7 74.5 114.5





#10

Phenol

Concen: 3.978 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

Instrument :

BNA_F

ClientSampleId :

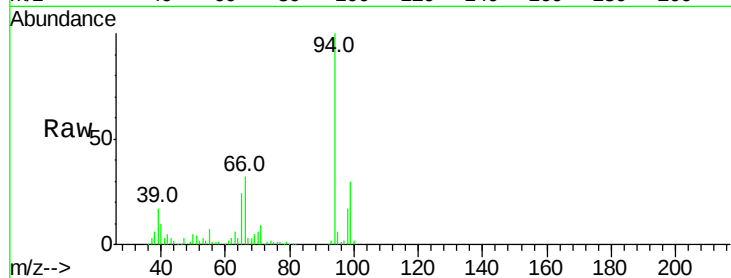
Tot Ion: 94 Resp: 53020

Ion Ratio Lower Upper

94 100

65 23.8 7.9 47.9

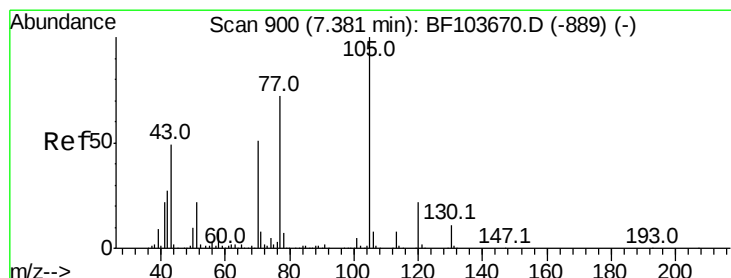
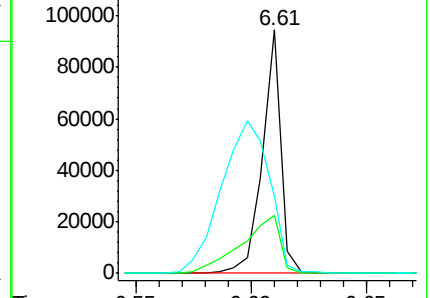
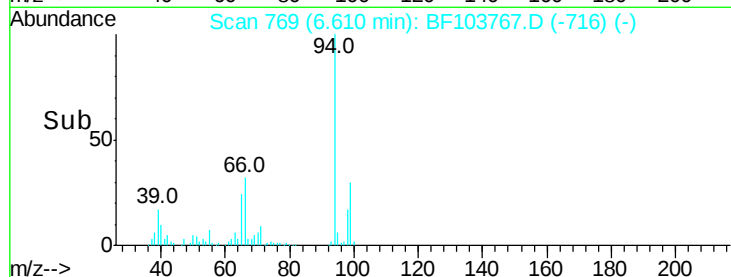
66 31.7 16.2 56.2



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: 15.899 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.16 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

Tgt Ion: 70 Resp: 127803

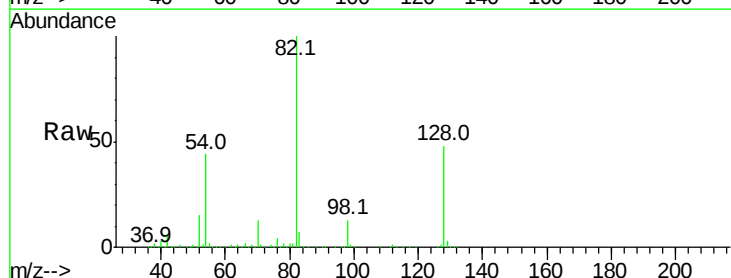
Ion Ratio Lower Upper

70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

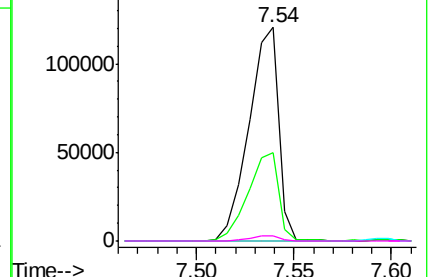
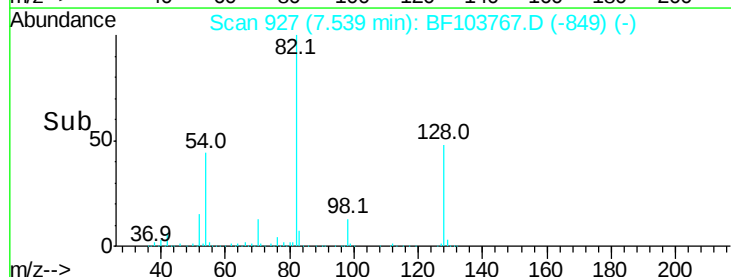


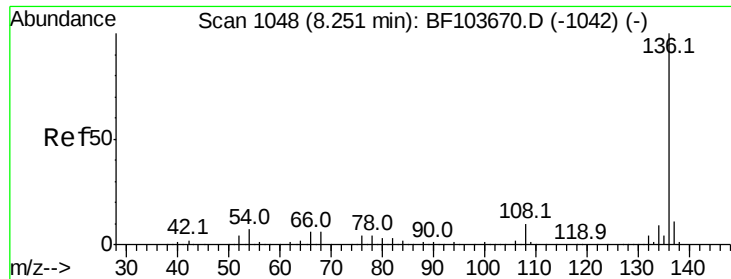
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

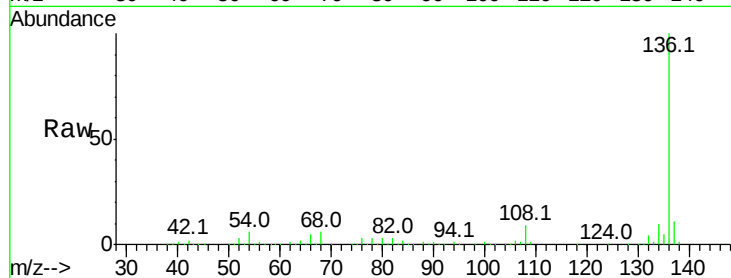




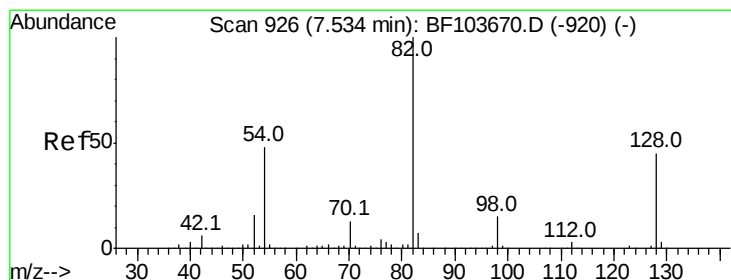
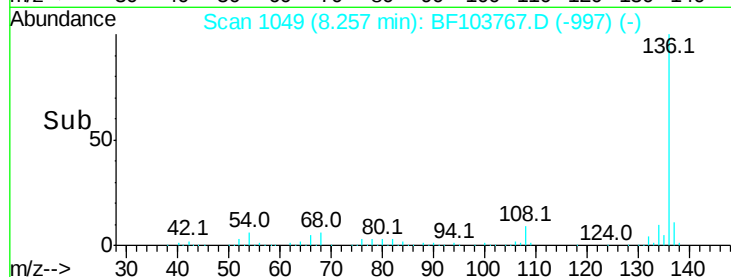
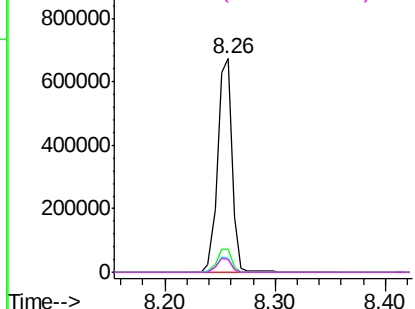
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	613177
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.3	6.6	9.8#
68	5.8	5.0	7.4

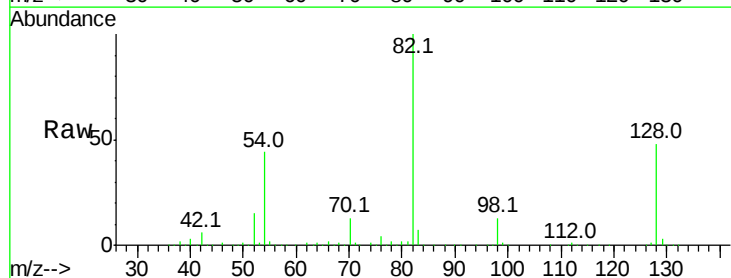


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

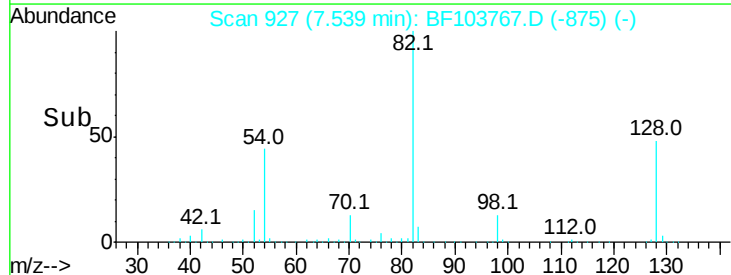
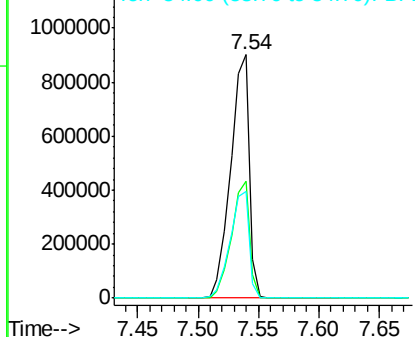


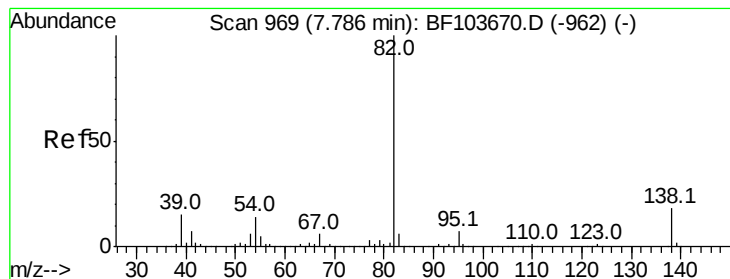
#23
Nitrobenzene-d5
Concen: 110.129 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:	82	Resp:	968349
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	44.1	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.426 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.25 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

Instrument :

BNA_F

ClientSampleId :

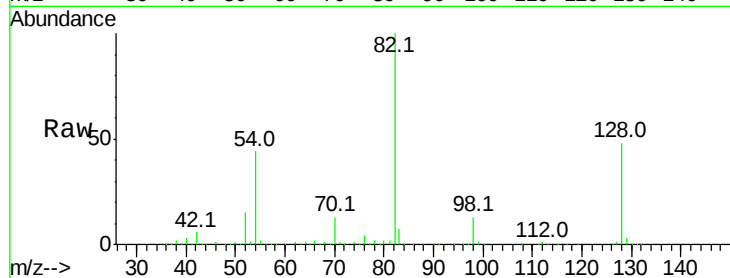
Tot Ion: 82 Resp: 965350

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

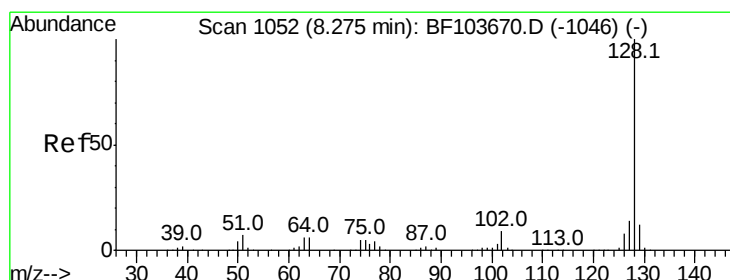
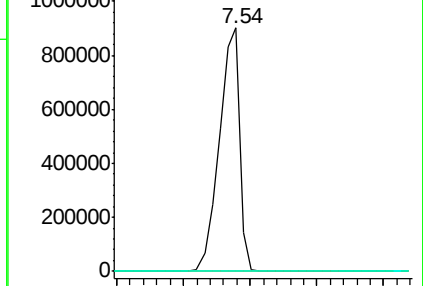
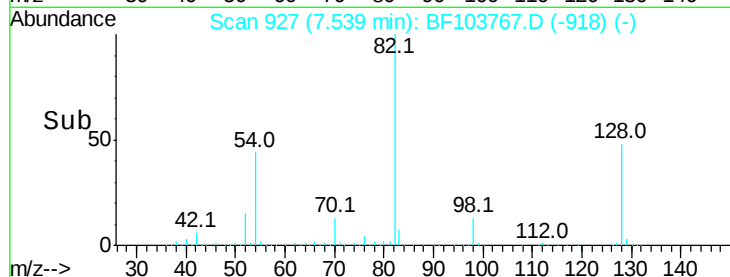
138 0.0 14.9 22.3#



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: 4.163 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

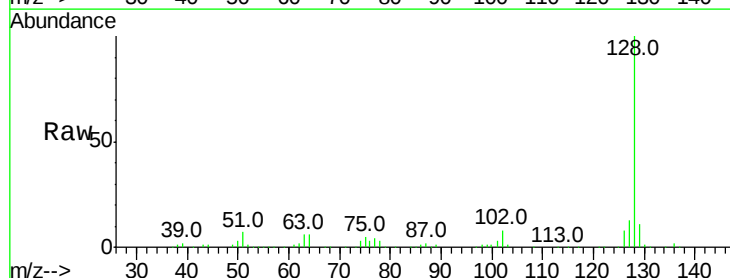
Tgt Ion:128 Resp: 128939

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

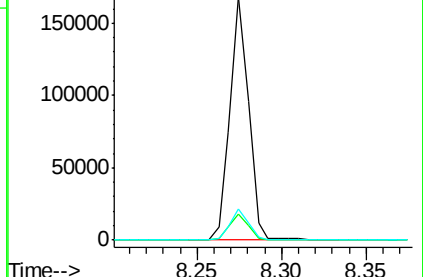
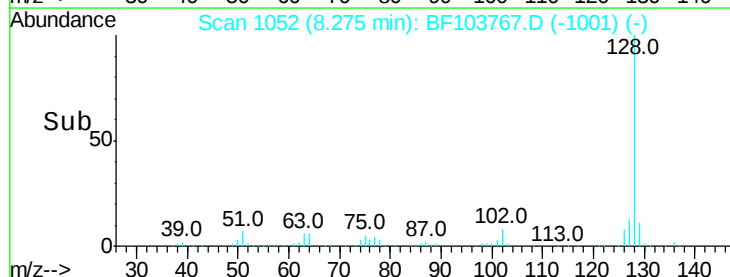
127 12.9 10.9 16.3

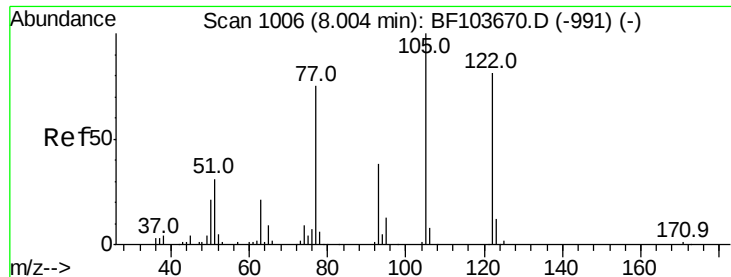


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 9.928 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.27 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

Instrument :

BNA_F

ClientSampleId :

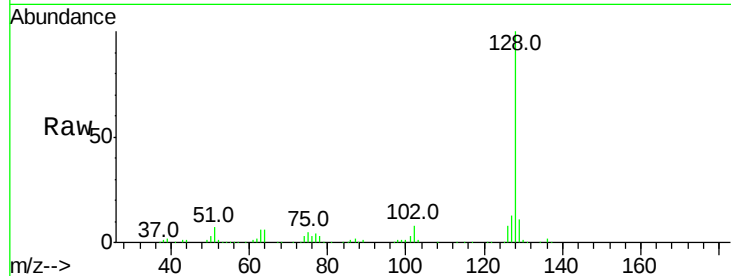
Tot Ion:122 Resp: 181

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

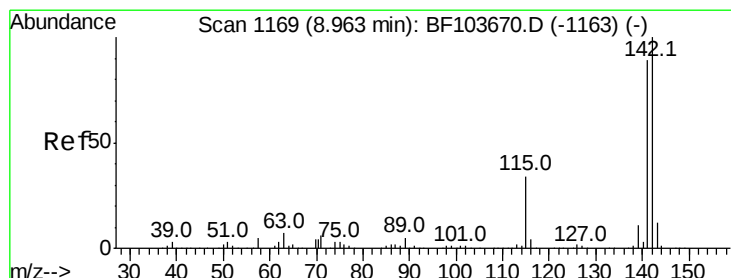
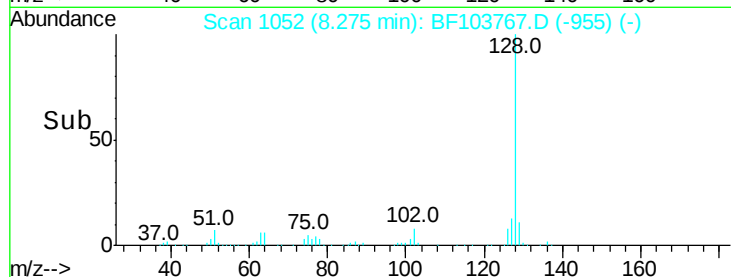
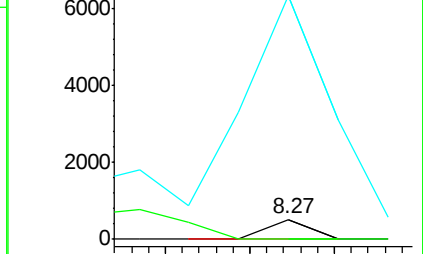
77 1237.9 70.7 110.7#



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



#37

2-Methylnaphthalene

Concen: 2.882 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

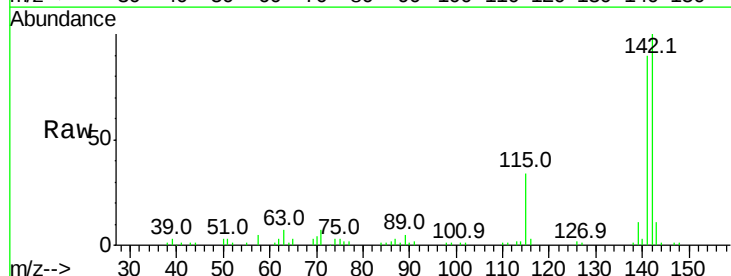
Tgt Ion:142 Resp: 56617

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

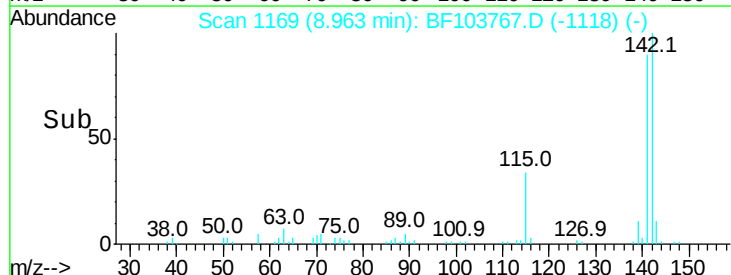
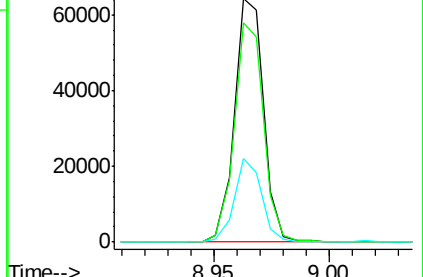
115 34.4 26.1 39.1

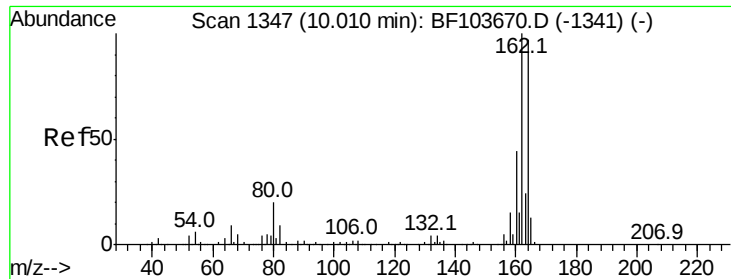


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

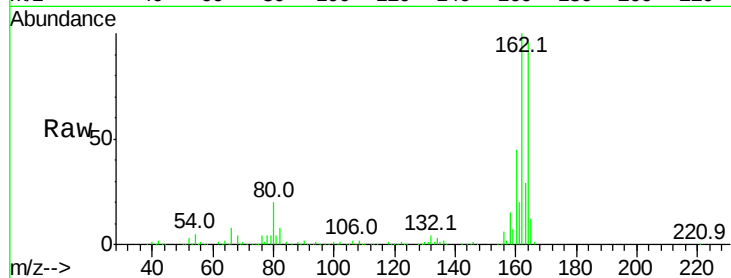




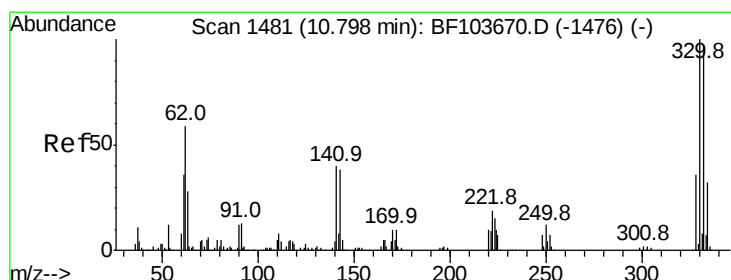
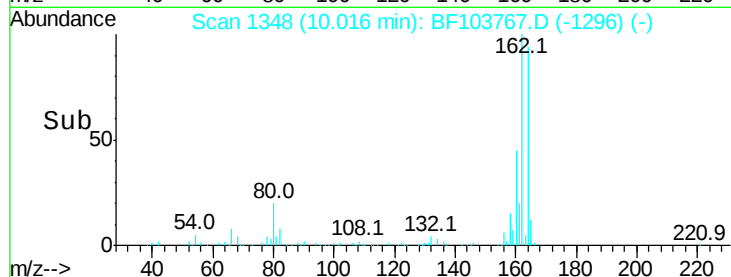
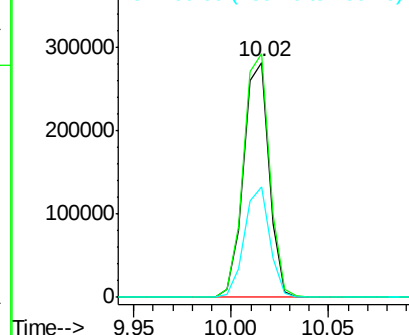
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF103767.D
 Acq: 19 Mar 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 257554
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 46.8 38.3 57.5

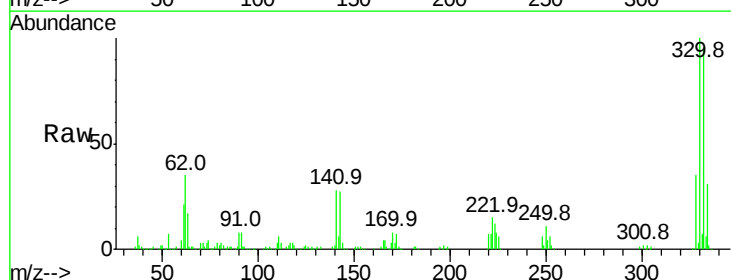


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

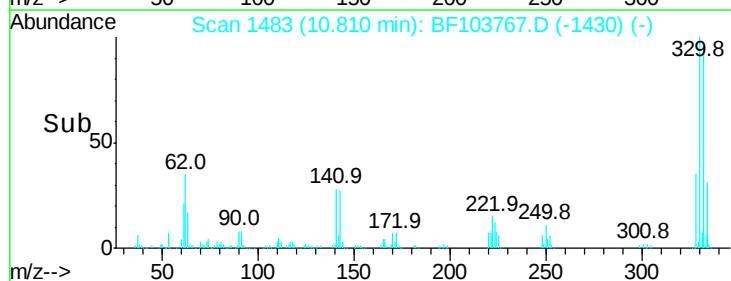
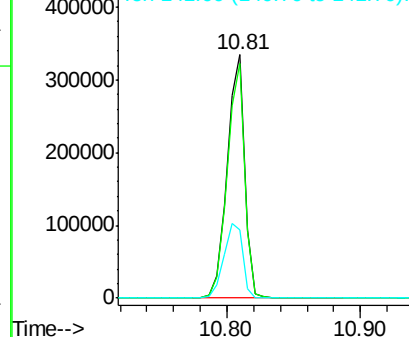


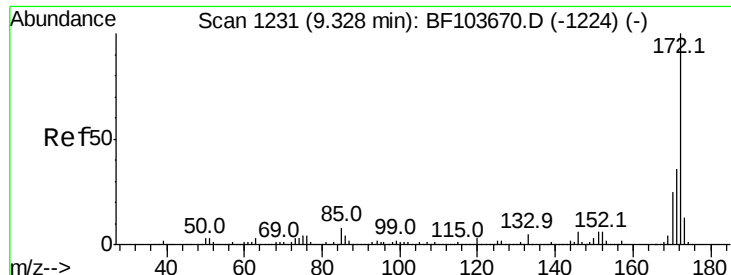
#41
 2,4,6-Tribromophenol
 Concen: 140.361 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103767.D
 Acq: 19 Mar 2018 20:30

Tgt Ion:330 Resp: 310824
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 33.6 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

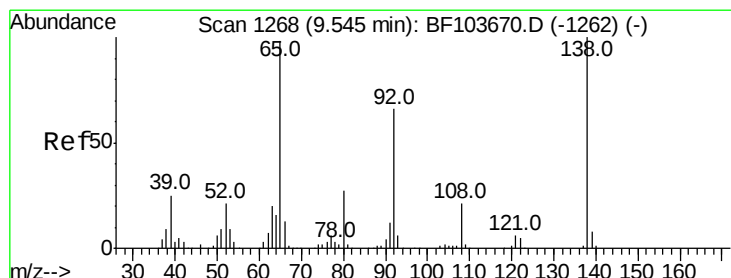
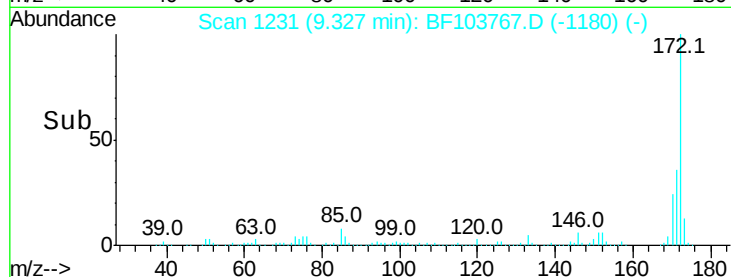
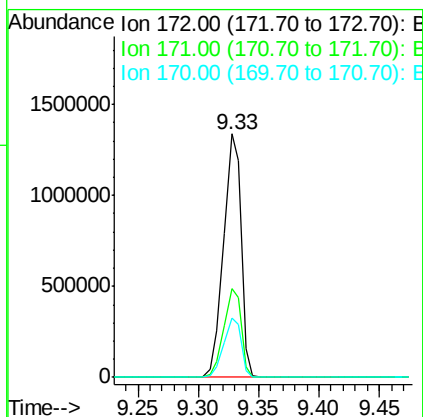
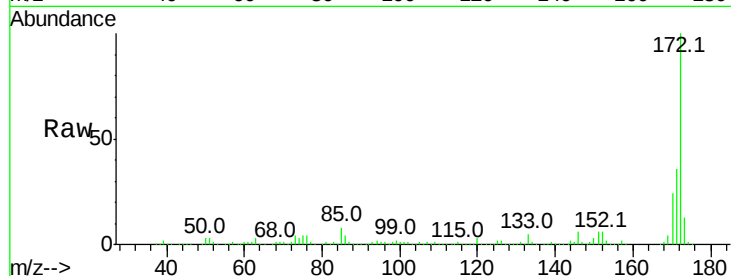




#44
2-Fluorobiphenyl
Concen: 83.314 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

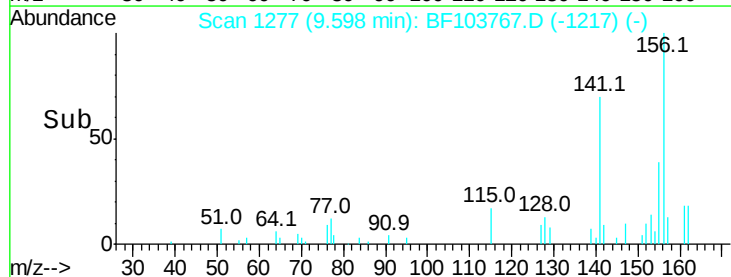
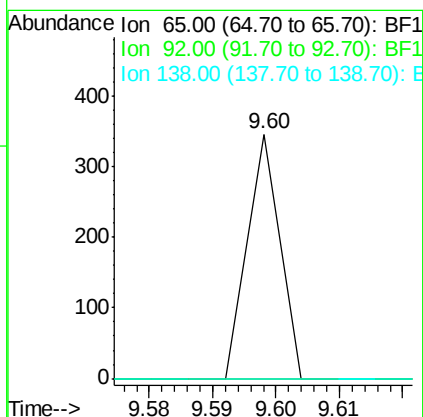
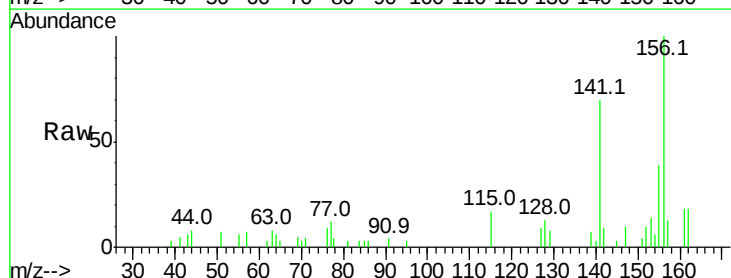
Instrument :
BNA_F
ClientSampleId :

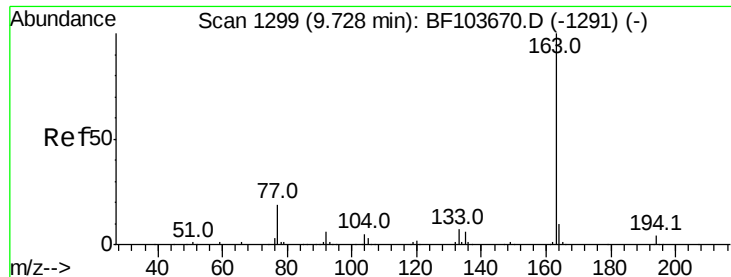
Tot Ion:172 Resp: 1345189
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.4 19.6 29.4



#47
2-Nitroaniline
Concen: 6.838 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.05 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion: 65 Resp: 122
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#

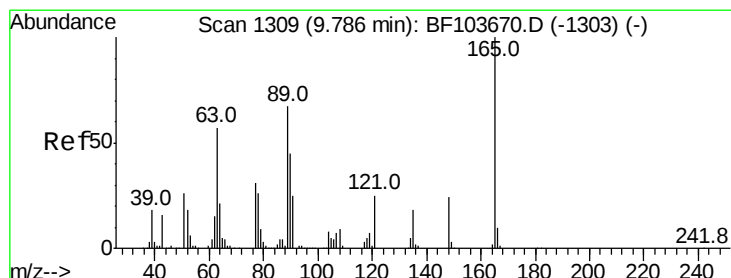
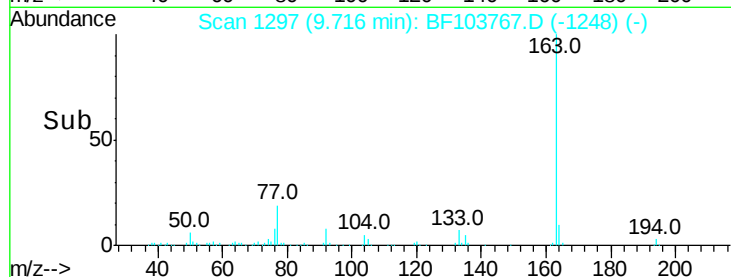
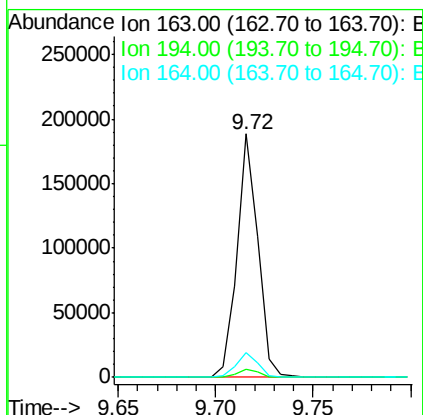
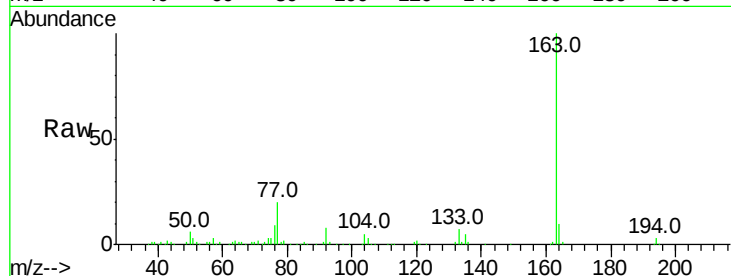




#49
Dimethylphthalate
Concen: 7.128 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

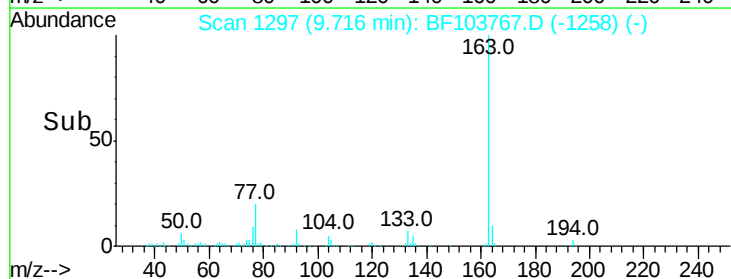
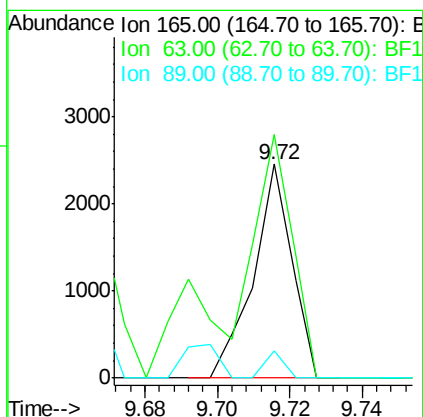
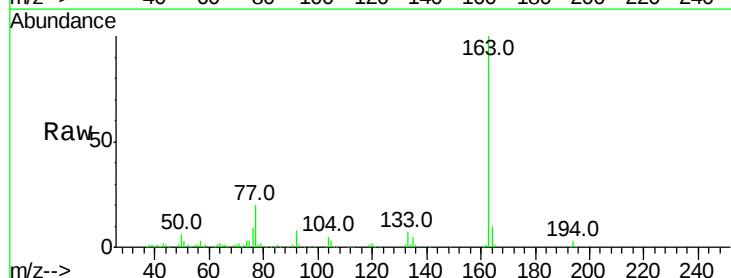
Instrument :
BNA_F
ClientSampled :

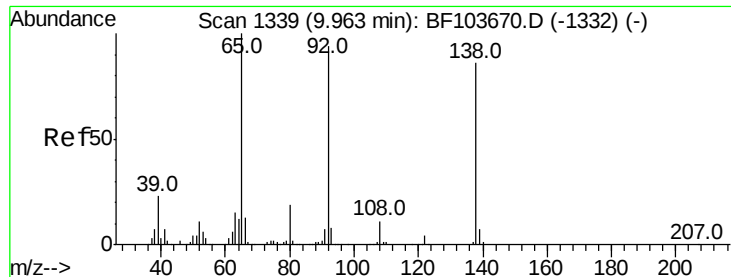
Tot Ion:163 Resp: 140072
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 4.419 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.07 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:165 Resp: 1804
Ion Ratio Lower Upper
165 100
63 113.8 44.7 67.1#
89 12.6 44.0 66.0#

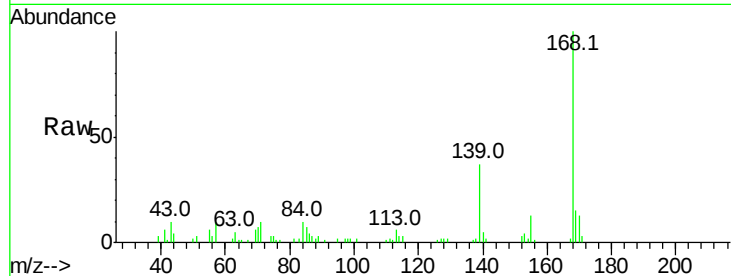




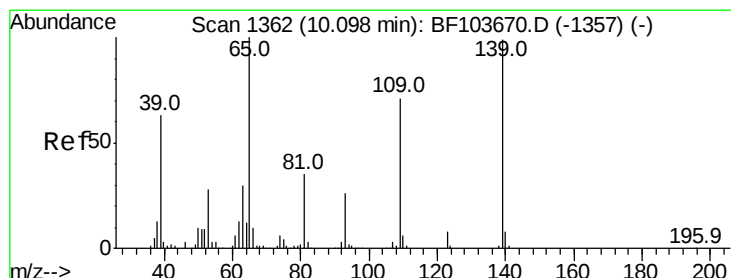
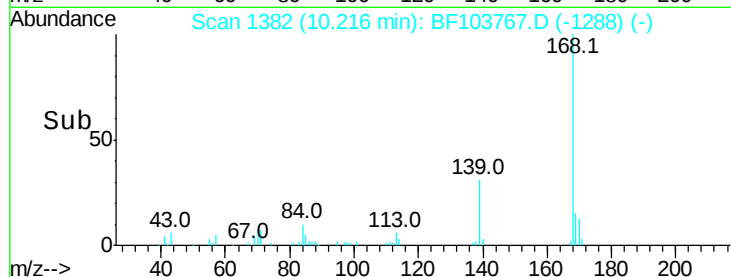
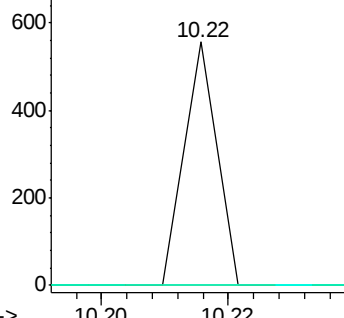
#52
3-Nitroaniline
Concen: 3.854 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.25 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 197
Ion Ratio Lower Upper
138 100
108 0.0 9.4 14.0#
92 0.0 89.4 134.2#

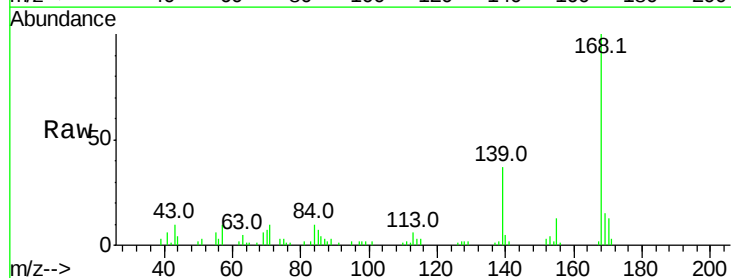


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

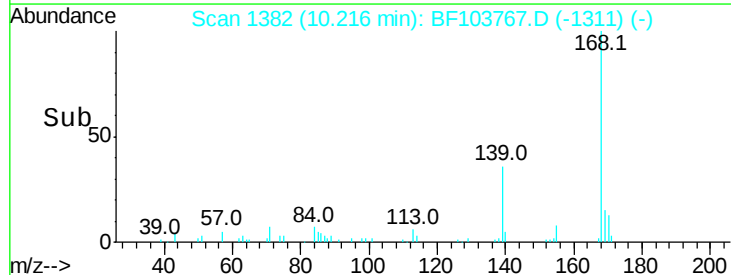
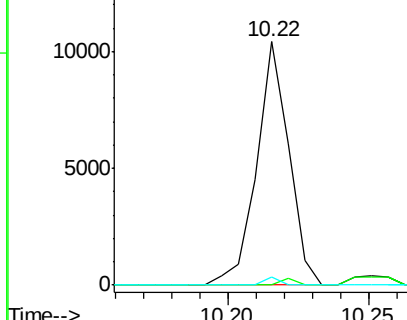


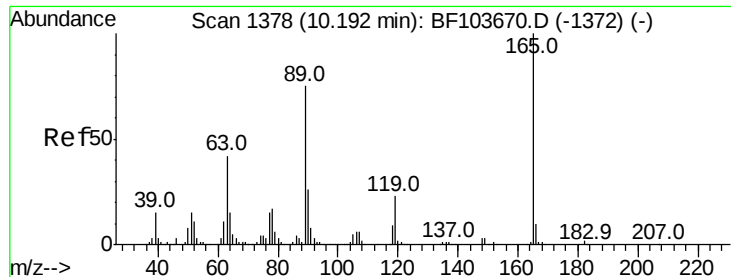
#55
4-Nitrophenol
Concen: 7.117 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:139 Resp: 8237
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 3.3 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

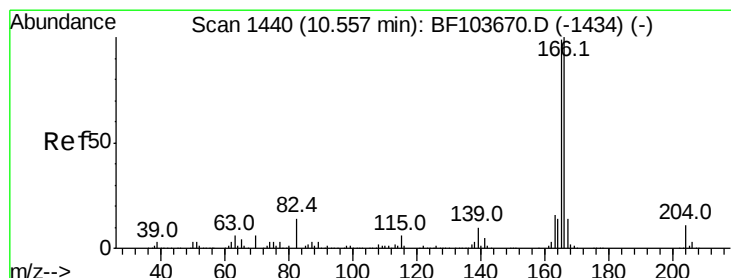
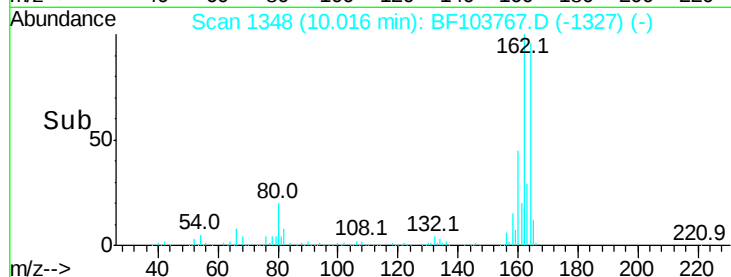
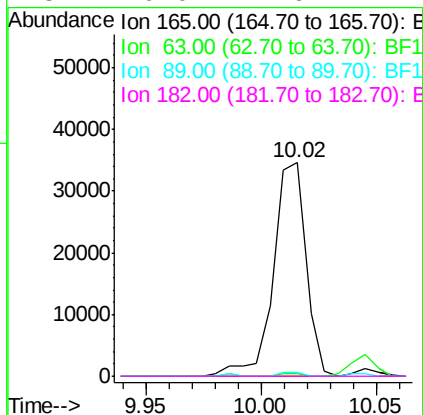
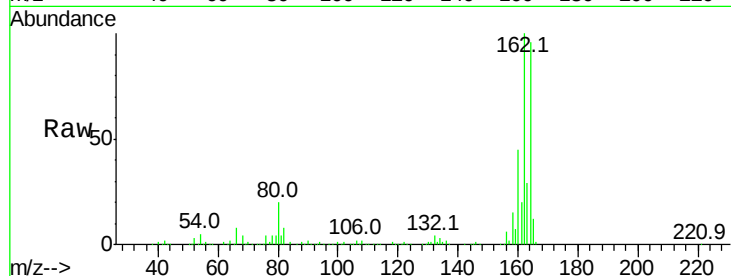




#56
2,4-Dinitrotoluene
Concen: 12.361 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.18 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

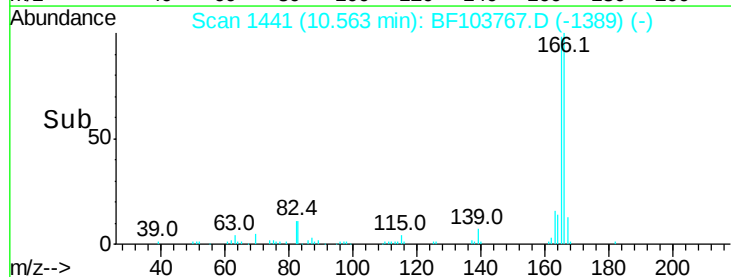
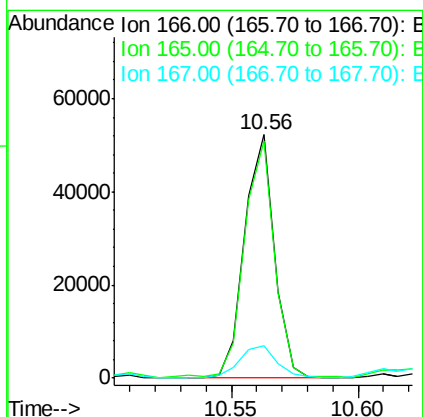
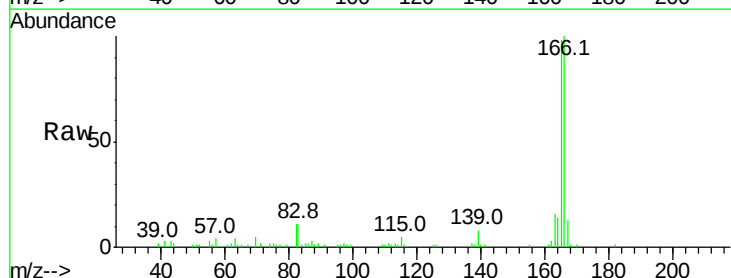
Instrument :
BNA_F
ClientSampled :

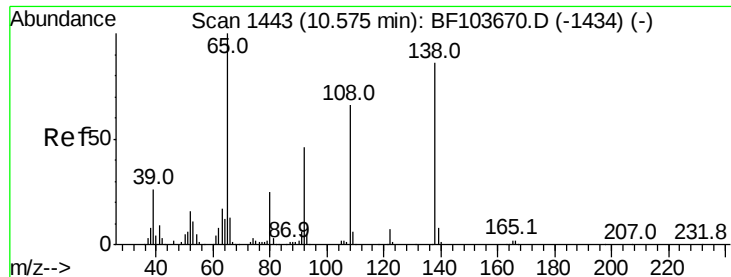
Tot Ion:165 Resp: 34008
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.9 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 2.462 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:166 Resp: 42851
Ion Ratio Lower Upper
166 100
165 97.6 79.8 119.8
167 13.2 10.6 16.0

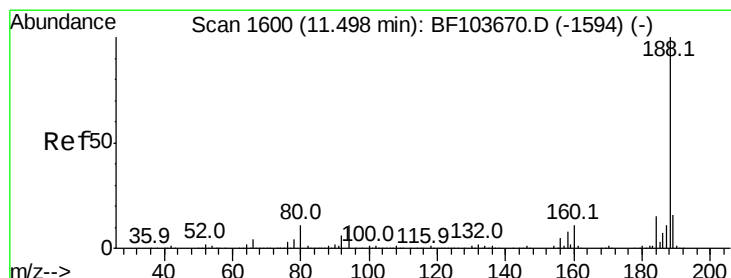
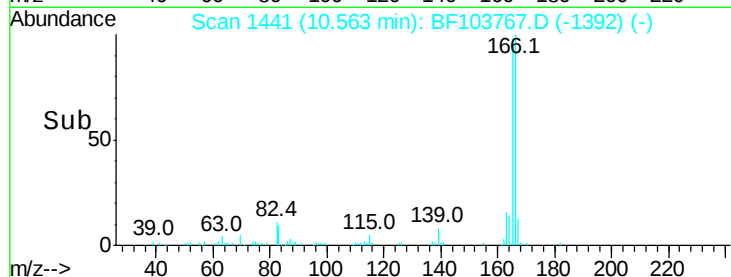
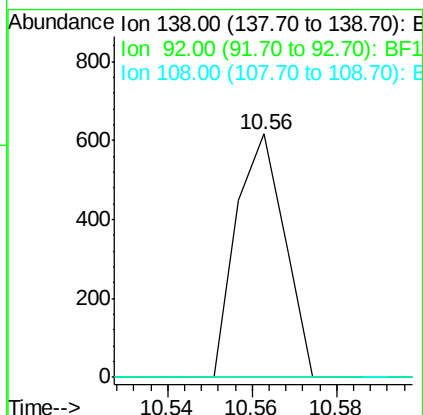
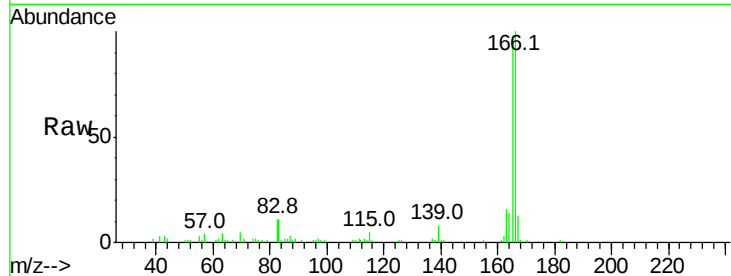




#61
4-Nitroaniline
Concen: 3.852 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

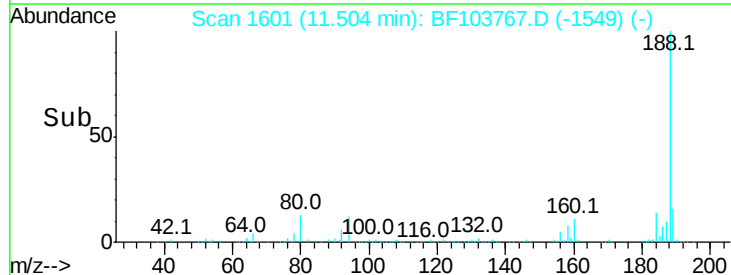
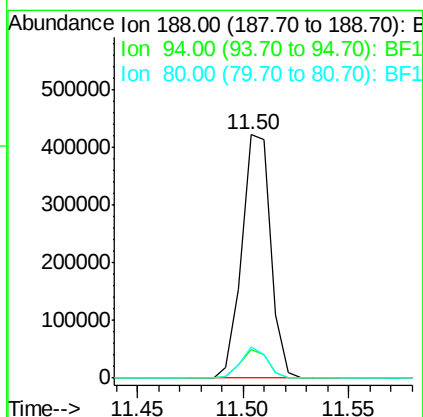
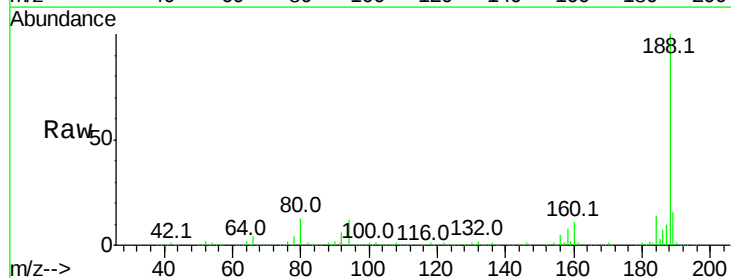
Instrument :
BNA_F
ClientSampleId :

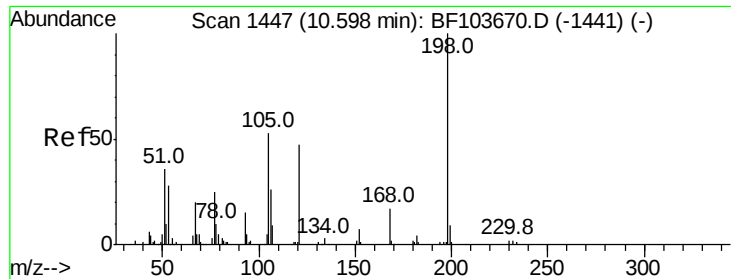
Tot Ion:138 Resp: 488
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:188 Resp: 399029
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.8 9.2 13.8

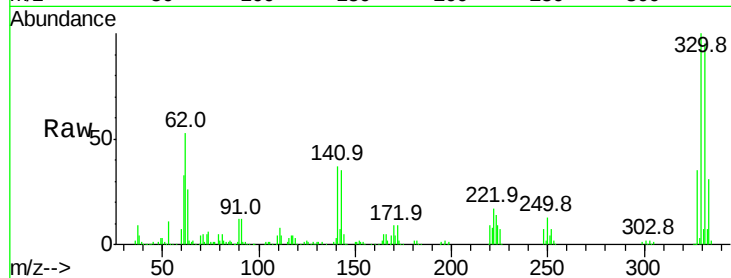




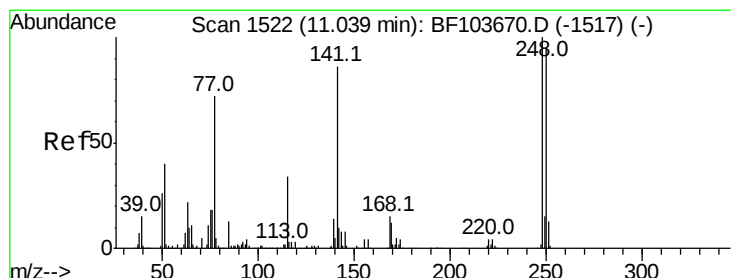
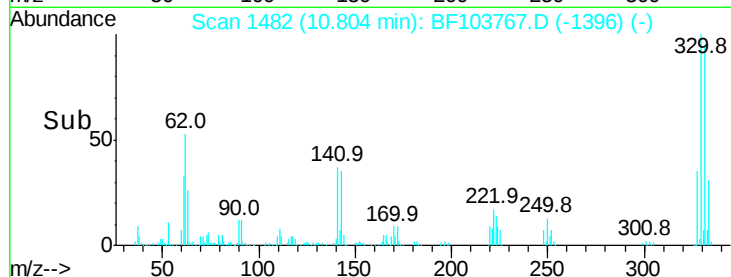
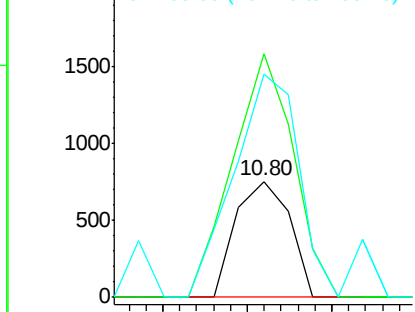
#64
4,6-Dinitro-2-methylphenol
Concen: 8.620 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 671
Ion Ratio Lower Upper
198 100
51 209.8 37.7 77.7#
105 192.0 36.3 76.3#

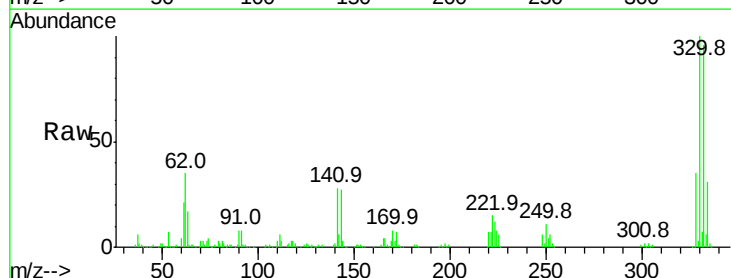


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

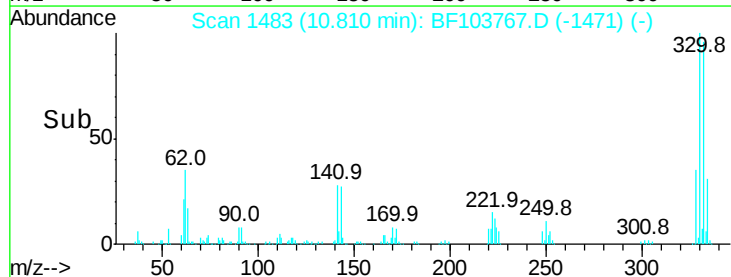
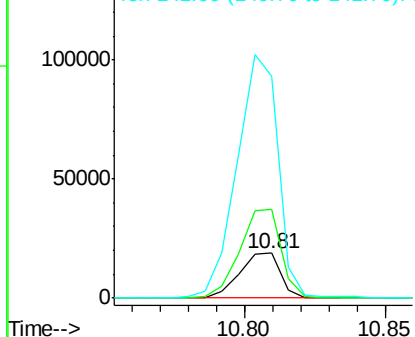


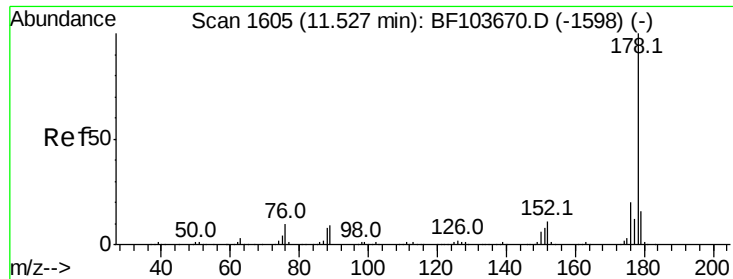
#66
4-Bromophenyl-phenylether
Concen: 4.639 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.23 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:248 Resp: 19004
Ion Ratio Lower Upper
248 100
250 197.6 76.9 115.3#
141 492.1 74.4 111.6#



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

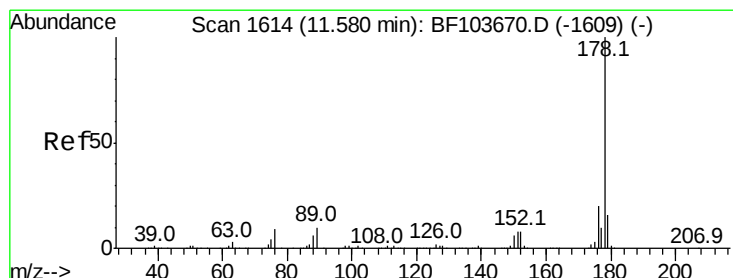
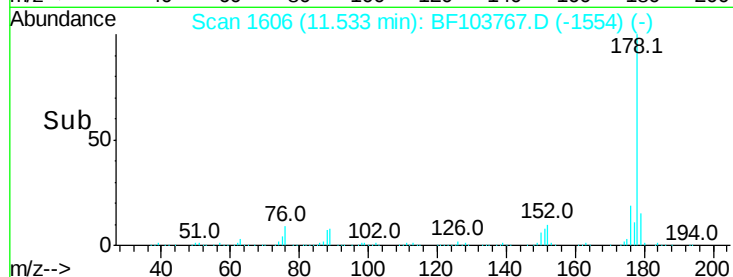
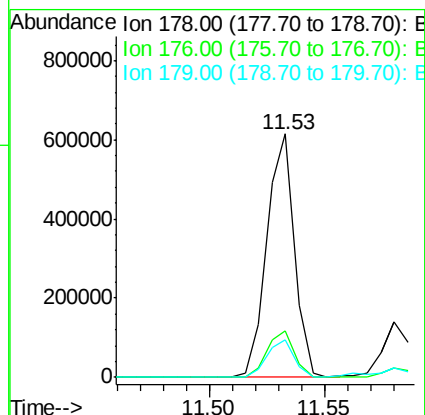
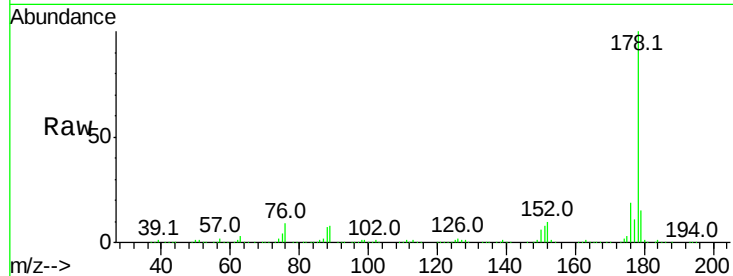




#70
Phenanthrene
Concen: 23.499 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

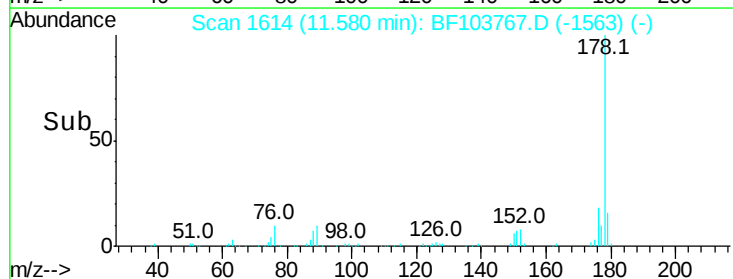
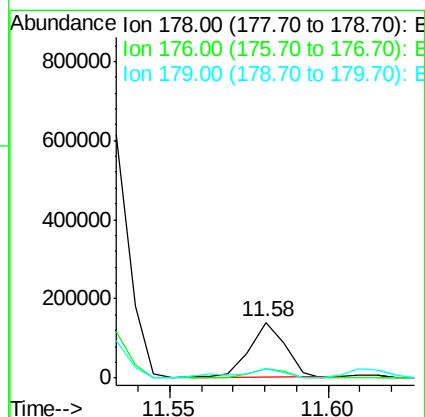
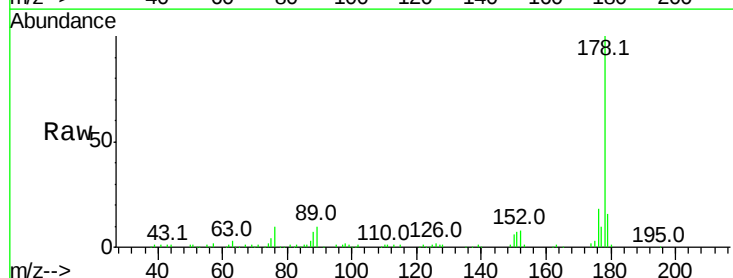
Instrument :
BNA_F
ClientSampleId :

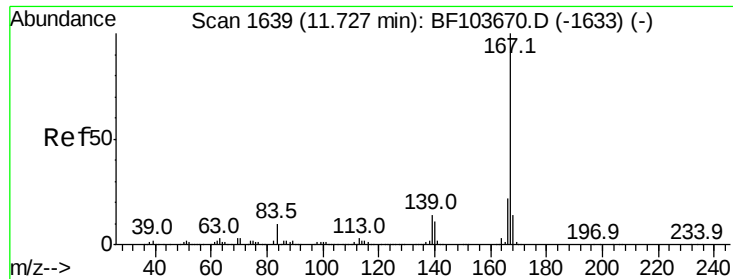
Tot Ion:178 Resp: 512935
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.4 13.0 19.6



#71
Anthracene
Concen: 4.882 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:178 Resp: 108242
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.2
179 16.0 12.6 19.0





#72

Carbazole

Concen: 3.234 ng

RT: 11.73 min Scan# 1640

Delta R.T. 0.01 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

Instrument :

BNA_F

ClientSampled :

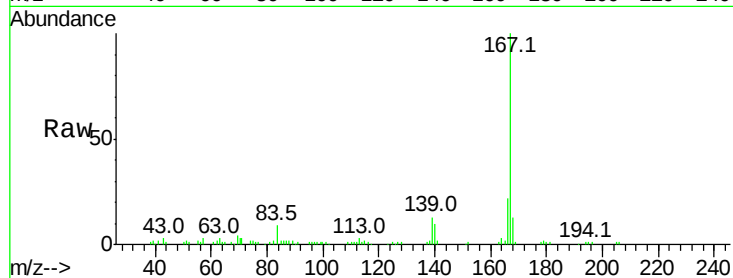
Tot Ion:167 Resp: 69683

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

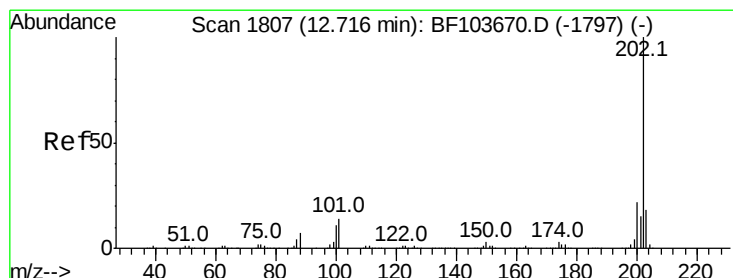
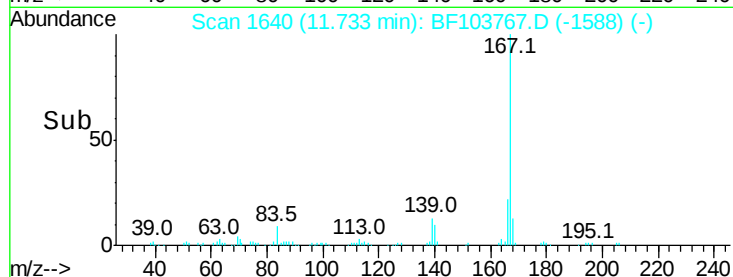
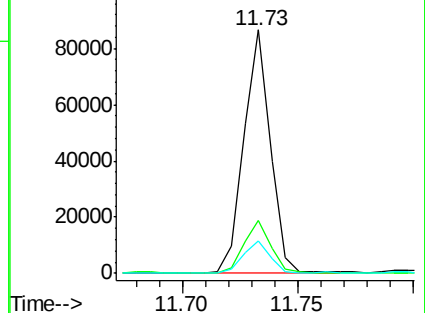
139 13.2 10.9 16.3



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: 26.628 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

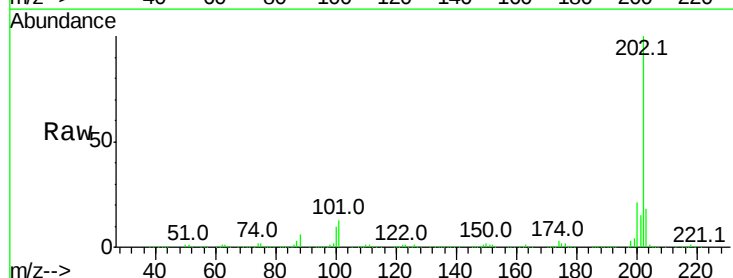
Tgt Ion:202 Resp: 598795

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

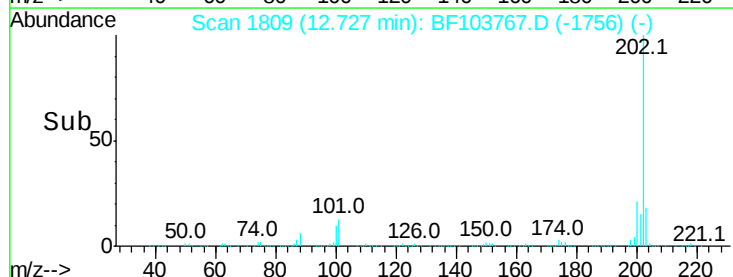
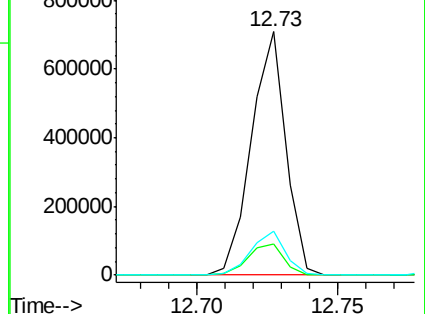
203 17.9 0.0 38.1

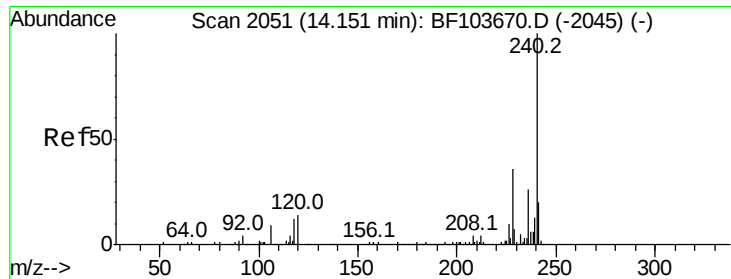


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

Instrument :

BNA_F

ClientSampleId :

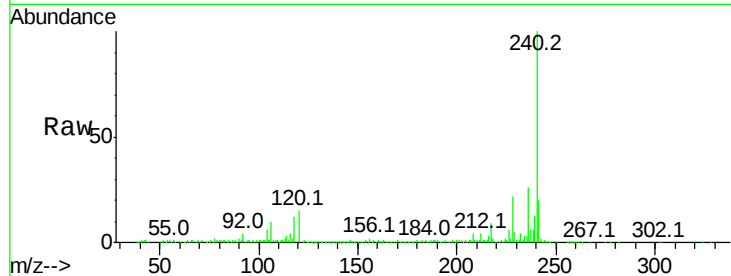
Tot Ion:240 Resp: 316902

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

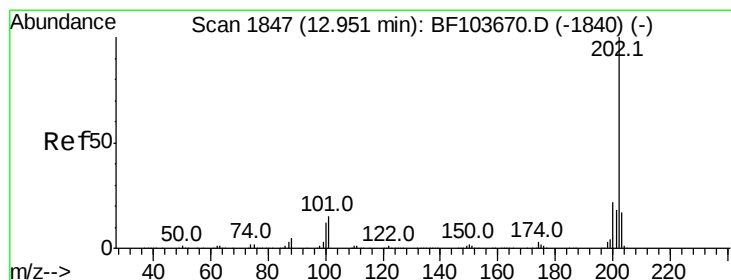
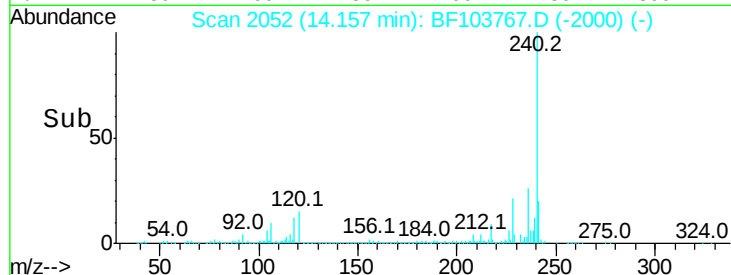
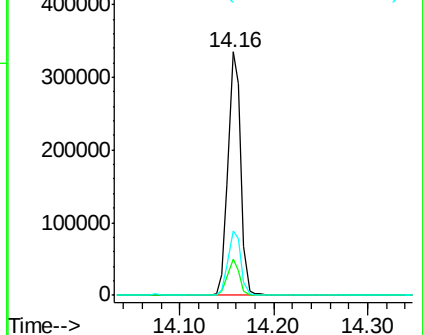
236 26.3 20.7 31.1



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: 22.425 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

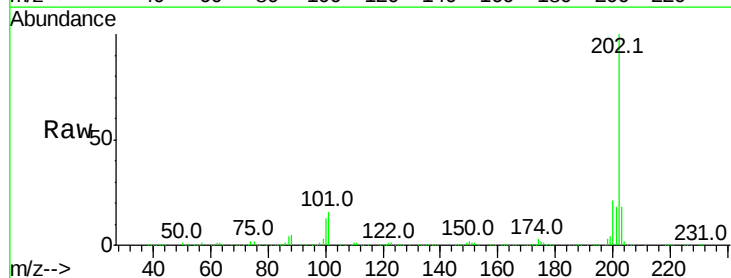
Tgt Ion:202 Resp: 521903

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

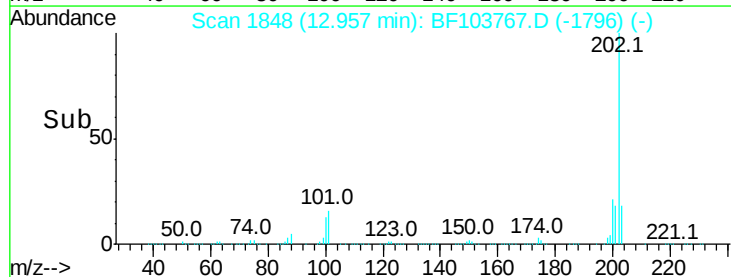
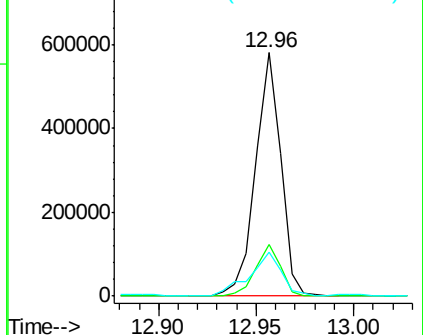
203 18.1 14.3 21.5

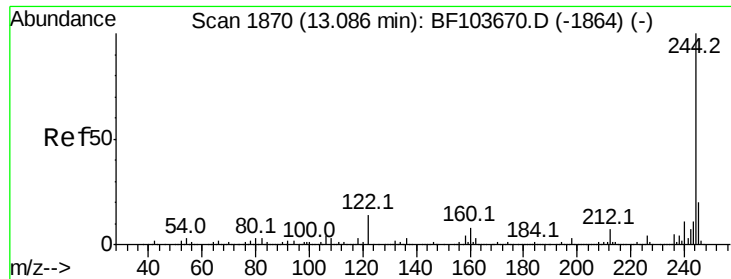


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

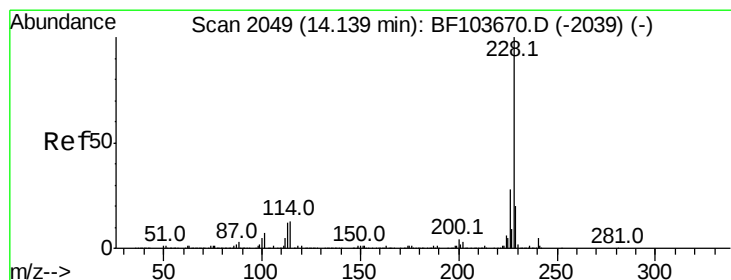
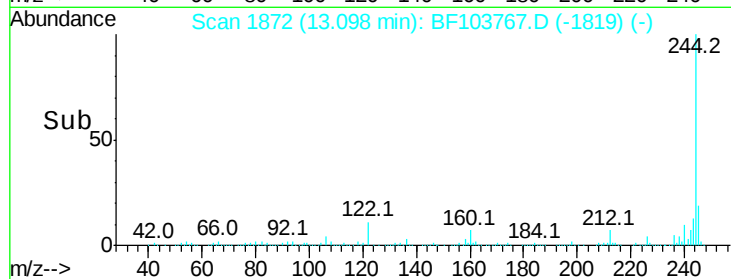
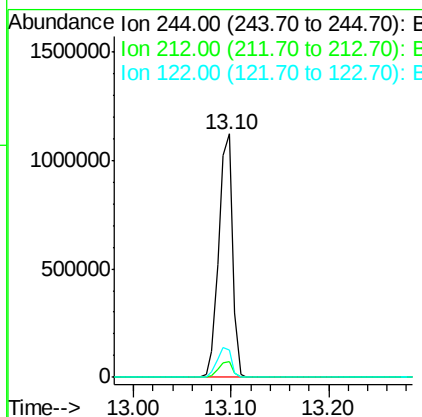
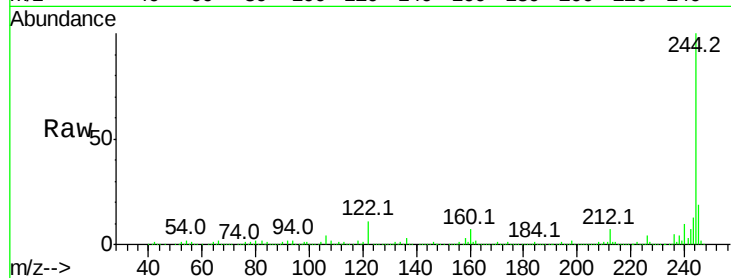




#78
 Terphenyl-d14
 Concen: 80.829 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.01 min
 Lab File: BF103767.D
 Acq: 19 Mar 2018 20:30

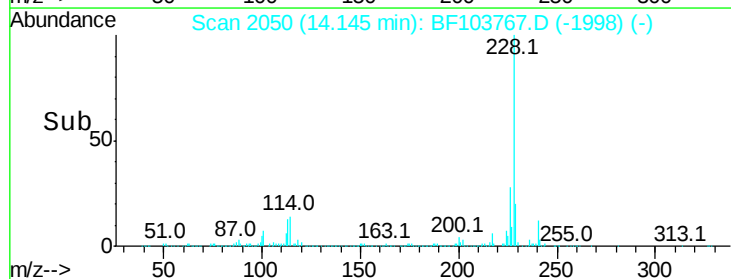
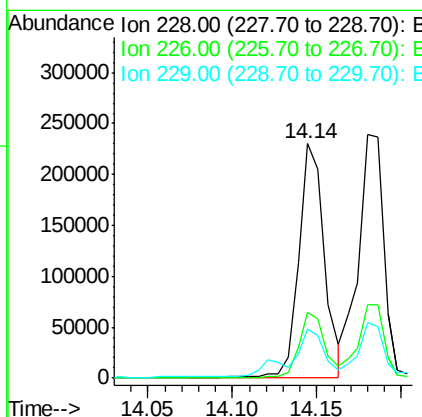
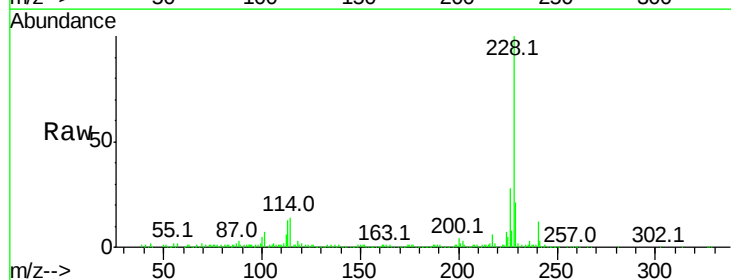
Instrument :
 BNA_F
 ClientSampled :

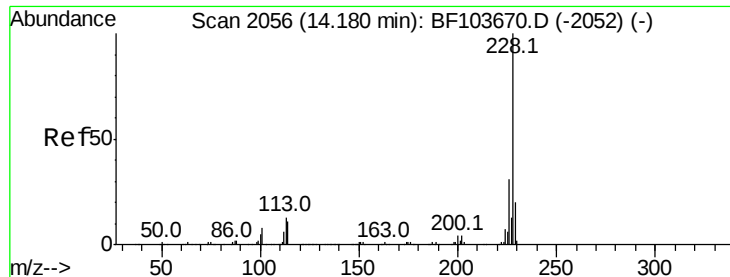
Tot Ion:244 Resp: 1103539
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.5 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 12.049 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: BF103767.D
 Acq: 19 Mar 2018 20:30

Tgt Ion:228 Resp: 241699
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.6 33.8
 229 20.7 15.8 23.6





#82

Chrysene

Concen: 13.092 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

Instrument :

BNA_F

ClientSampleId :

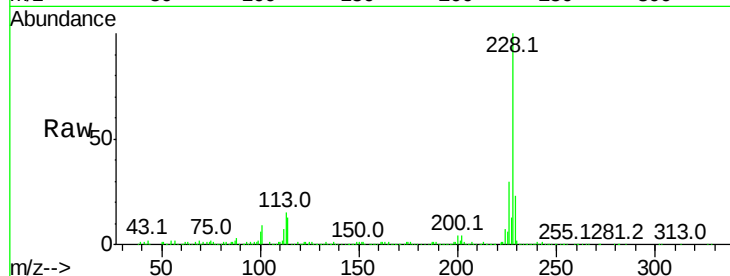
Tot Ion:228 Resp: 250350

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

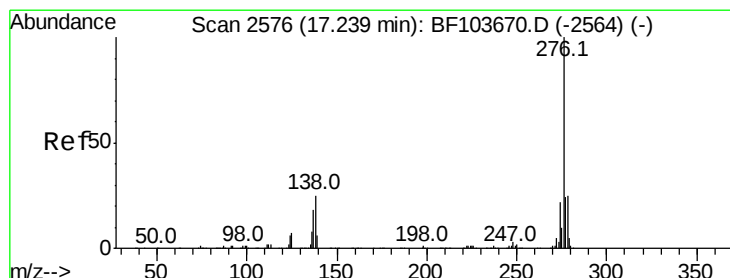
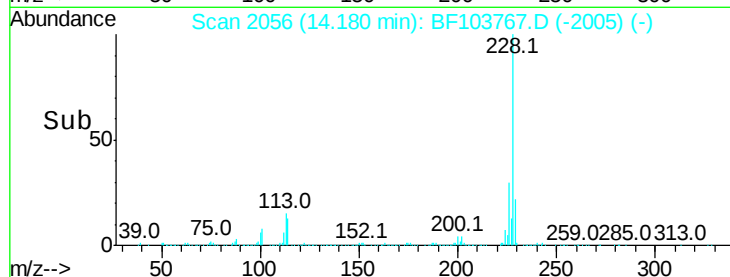
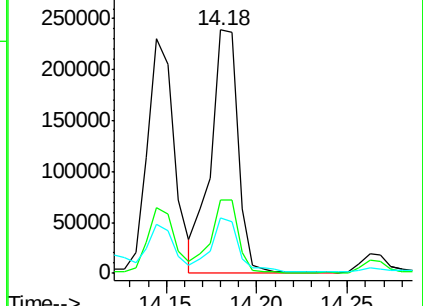
229 22.7 16.2 24.4



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: 4.954 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.02 min

Lab File: BF103767.D

Acq: 19 Mar 2018 20:30

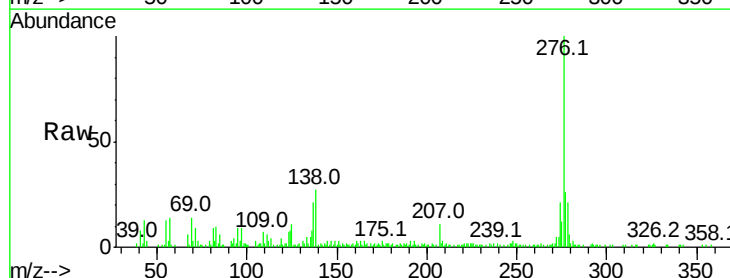
Tgt Ion:276 Resp: 82726

Ion Ratio Lower Upper

276 100

138 26.4 25.0 37.6

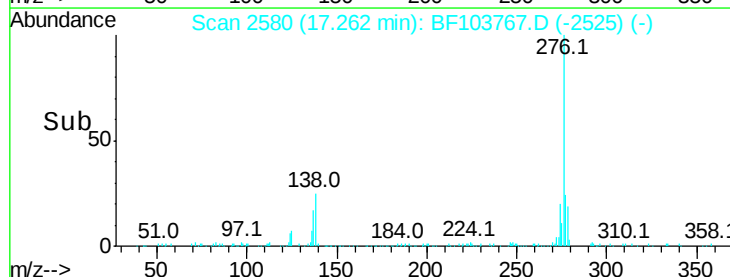
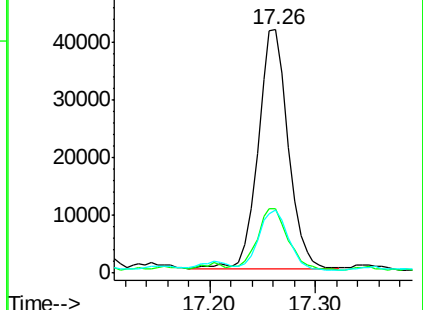
277 24.6 20.1 30.1

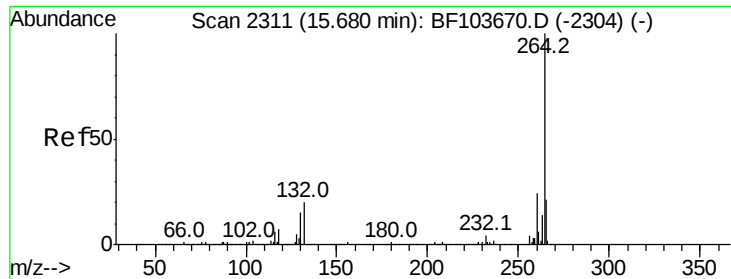


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

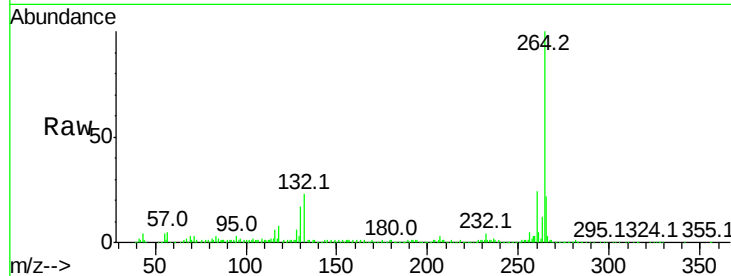




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.5	26.3

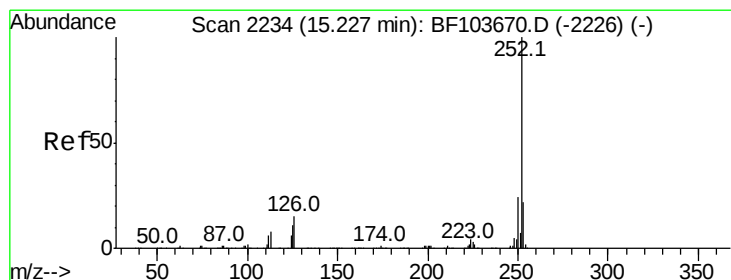
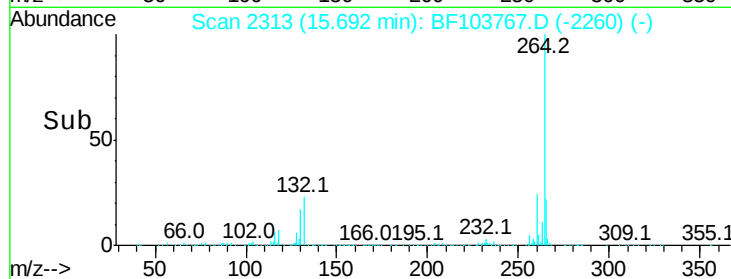
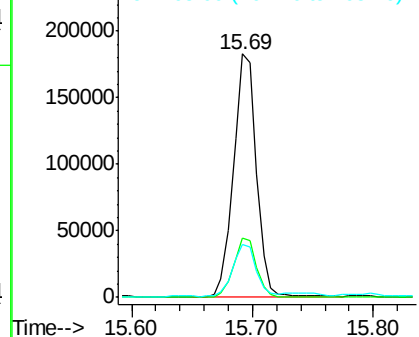


Abundance

Ion 264.00 (263.70 to 264.70): E

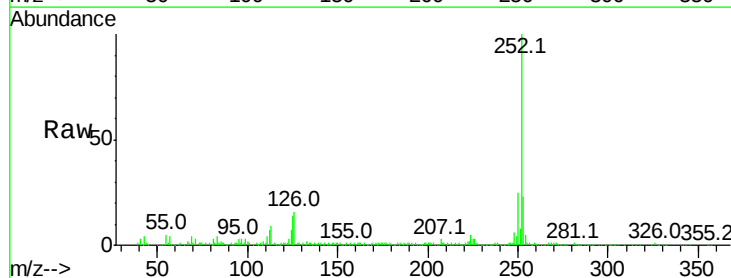
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 21.017 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	14.4	9.0	13.6

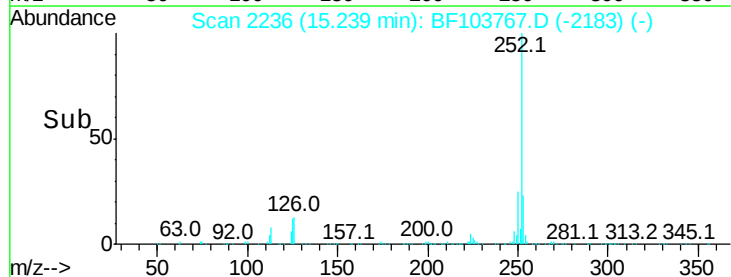
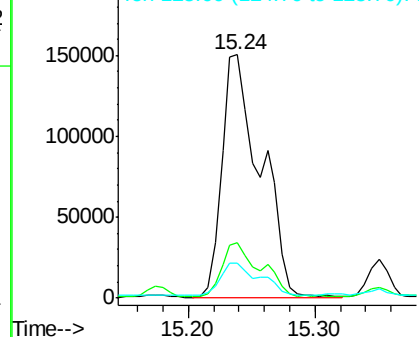


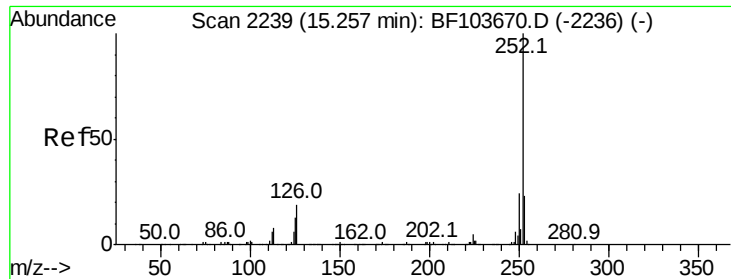
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

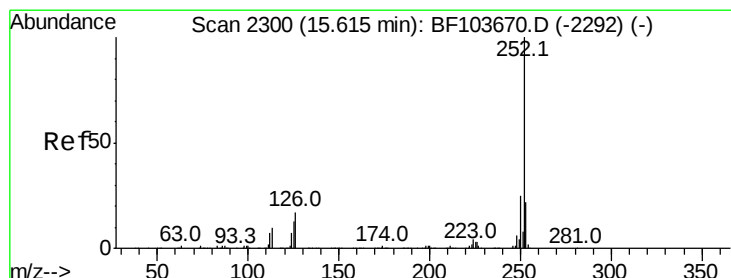
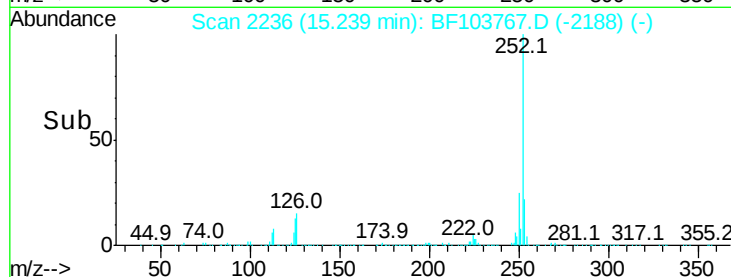
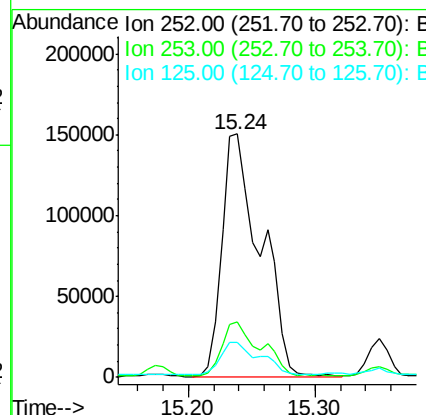
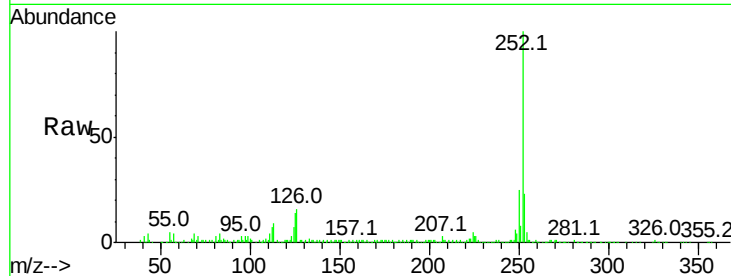




#88
Benzo(k)fluoranthene
Concen: 21.864 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

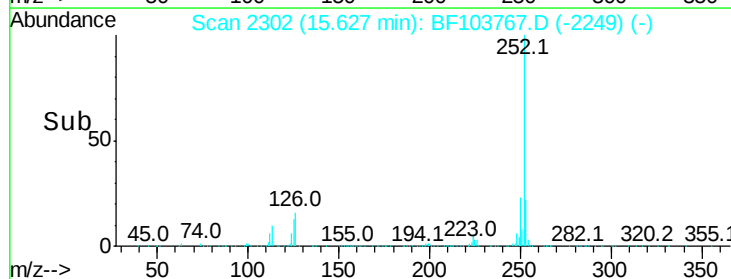
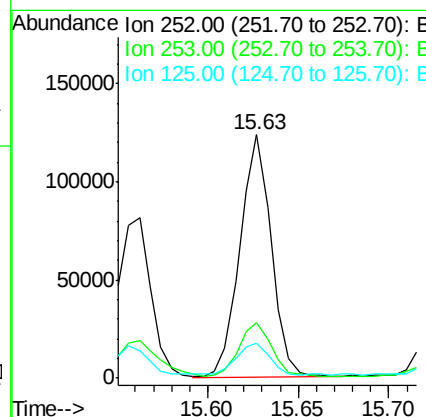
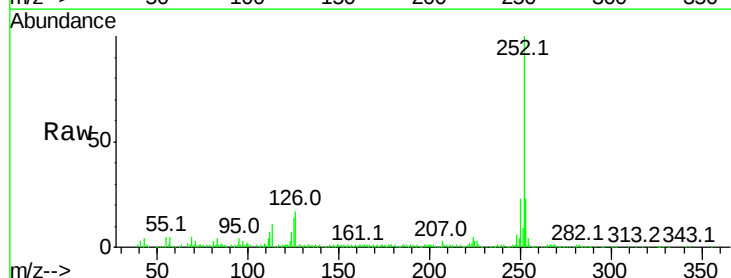
Instrument :
BNA_F
ClientSampleId :

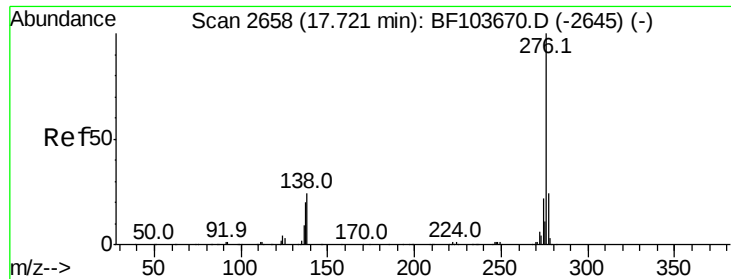
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	14.4	10.2	15.2



#89
Benzo(a)pyrene
Concen: 10.764 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.3	9.8	14.6

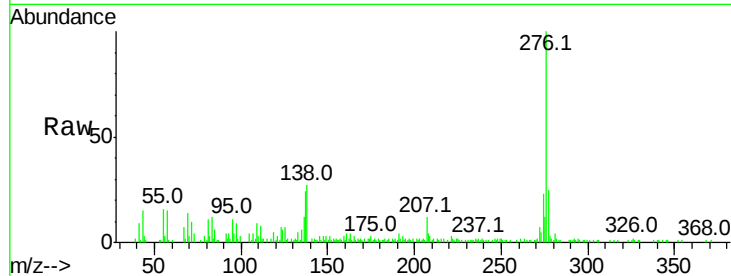




#91
 Benzo(a,h,i)perylene
 Concen: 6.571 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. 0.02 min
 Lab File: BF103767.D
 Acq: 19 Mar 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 76291
 Ion Ratio Lower Upper
 276 100
 277 25.3 17.9 26.9
 138 27.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

