

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
 Data File : BF102057.D
 Acq On : 12 Jan 2018 21:45
 Operator : SJ/JU
 Sample : J1015-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 13 00:38:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	215505	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	793770	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	295025	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	419639	20.00	ng	0.00
75) Chrysene-d12	13.89	240	363776	20.00	ng	0.00
86) Perylene-d12	15.31	264	318740	20.00	ng	0.02

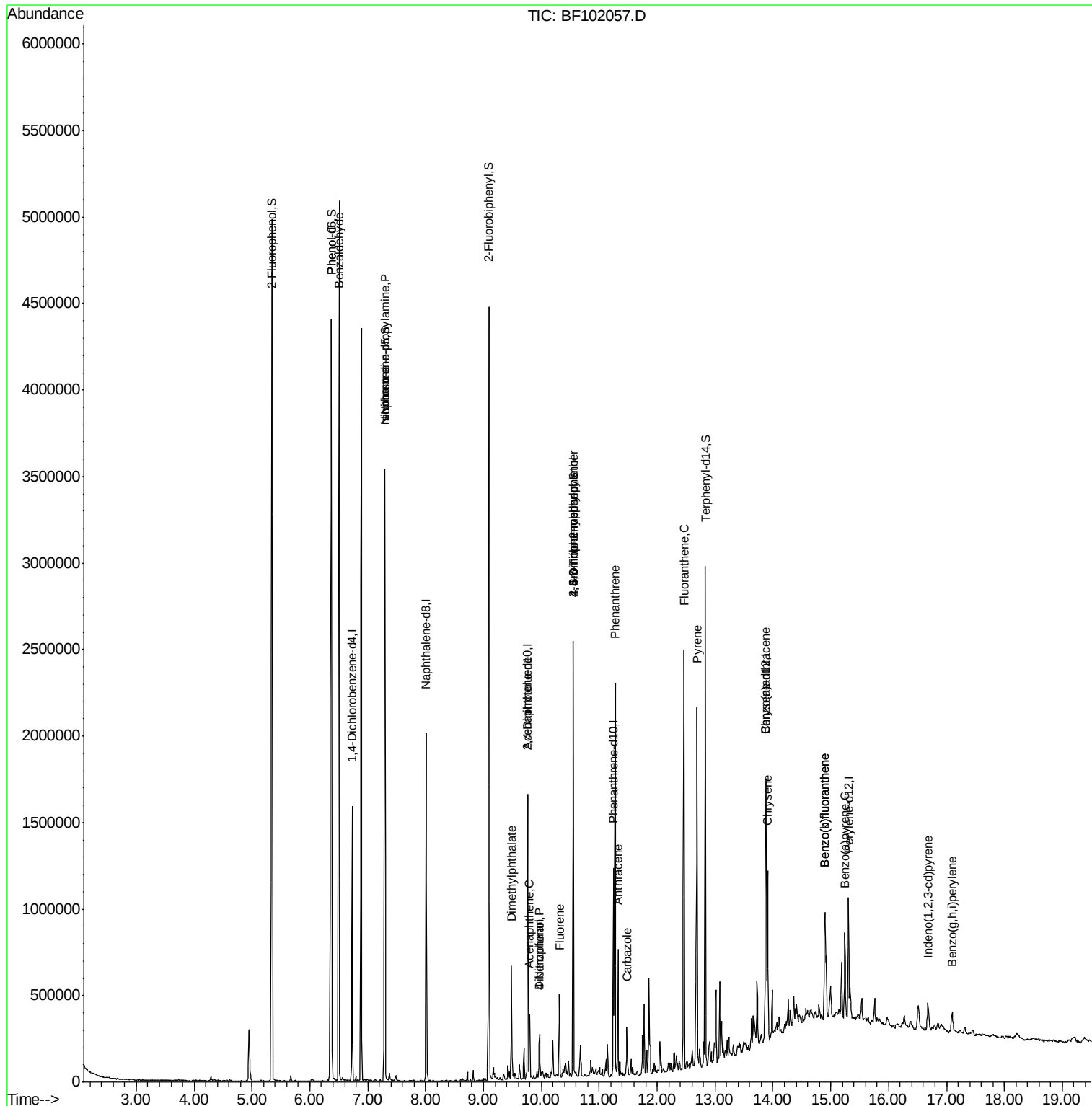
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1649566	108.09	ng	0.02
7) Phenol-d6	6.37	99	1927783	105.87	ng	0.01
23) Nitrobenzene-d5	7.30	82	1191932	88.24	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	273217	106.12	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1429243	75.68	ng	0.00
78) Terphenyl-d14	12.83	244	892035	50.91	ng	0.00

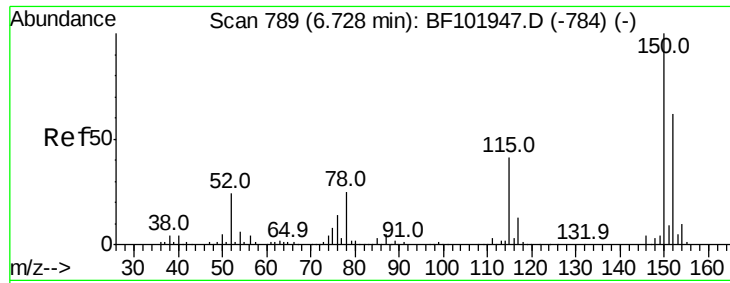
Target Compounds				Qvalue		
9) Benzaldehyde	6.50	77	33992	2.689	ng	85
10) Phenol	6.38	94	106515	5.176	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	164129	13.755	ng	# 81
25) Isophorone	7.30	82	1191921	44.658	ng	# 64
49) Dimethylphthalate	9.48	163	236157	9.978	ng	100
51) Acenaphthene	9.80	154	77625	3.985	ng	99
54) Dibenzofuran	9.97	168	67312	2.518	ng	99
55) 4-Nitrophenol	9.97	139	26171	5.886	ng	# 11
56) 2,4-Dinitrotoluene	9.76	165	39479	6.663	ng	# 23
57) Fluorene	10.31	166	121353	6.567	ng	99
64) 4,6-Dinitro-2-methylphenol	10.55	198	728	5.944	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17036	3.844	ng	# 1
70) Phenanthrene	11.27	178	823460	33.593	ng	98
71) Anthracene	11.32	178	243403	9.791	ng	99
72) Carbazole	11.47	167	110255	4.512	ng	99
74) Fluoranthene	12.46	202	983793	40.792	ng	99
77) Pyrene	12.69	202	810428	25.203	ng	100
80) Benzo(a)anthracene	13.87	228	367624	15.839	ng	97
82) Chrysene	13.91	228	362663	14.985	ng	98
85) Indeno(1,2,3-cd)pyrene	16.68	276	102282	5.807	ng	98
87) Benzo(b)fluoranthene	14.90	252	472512	22.736	ng	# 94
88) Benzo(k)fluoranthene	14.90	252	472512	23.568	ng	97
89) Benzo(a)pyrene	15.24	252	234747	12.552	ng	# 94
91) Benzo(g,h,i)perylene	17.10	276	86227	5.736	ng	94

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

```
Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\  
Data File : BF102057.D  
Acq On    : 12 Jan 2018   21:45  
Operator  : SJ/JU  
Sample    : J1015-07  
Misc      :  
ALS Vial  : 17      Sample Multiplier: 1
```

Quant Time: Jan 13 00:38:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration



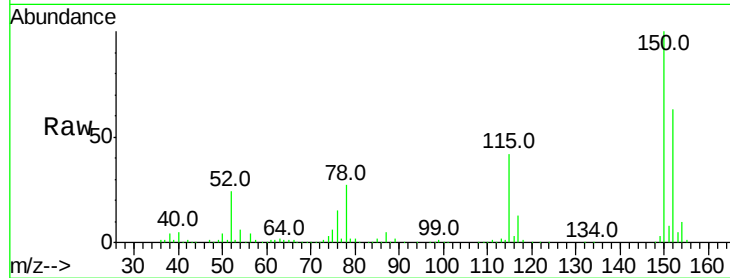


#1

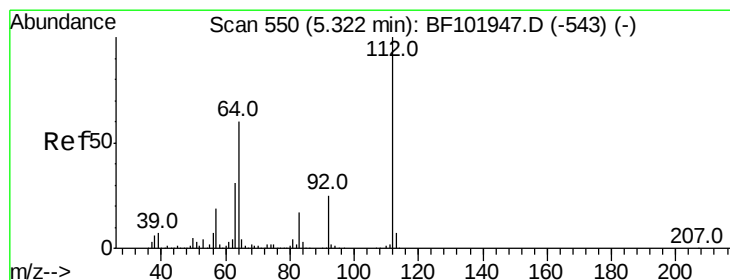
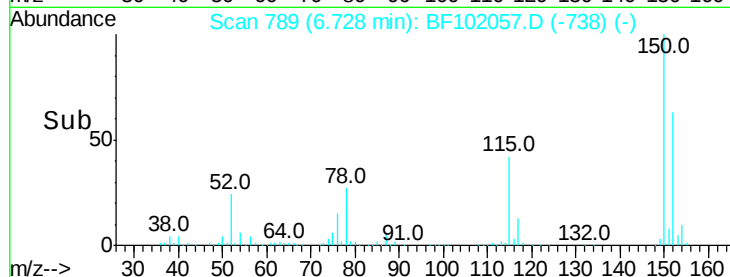
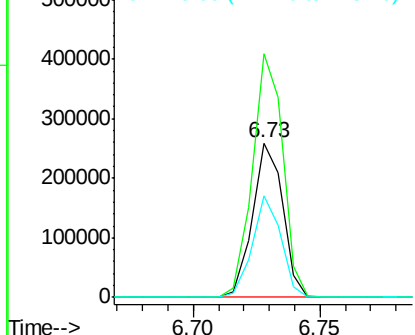
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 215505
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 66.2 50.1 75.1



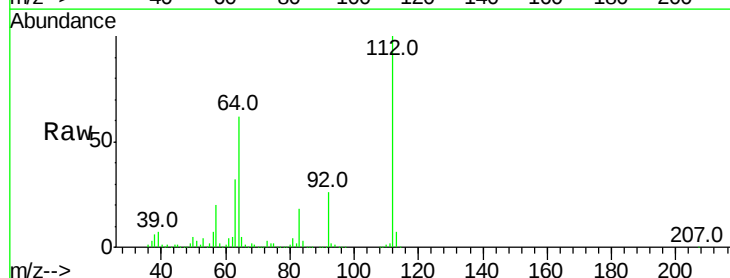
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



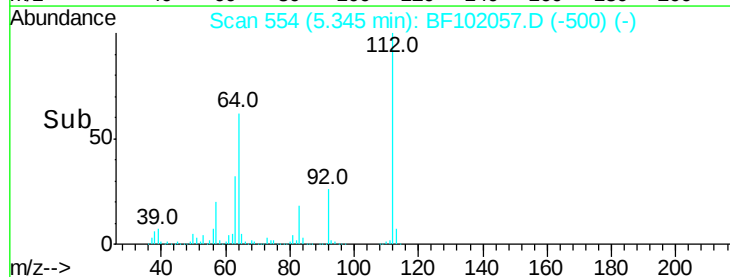
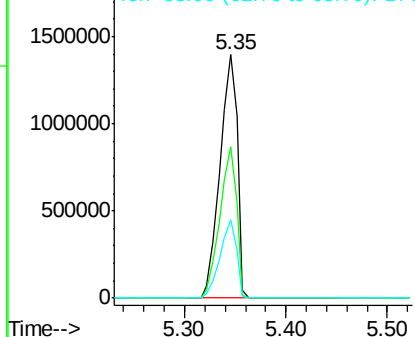
#5

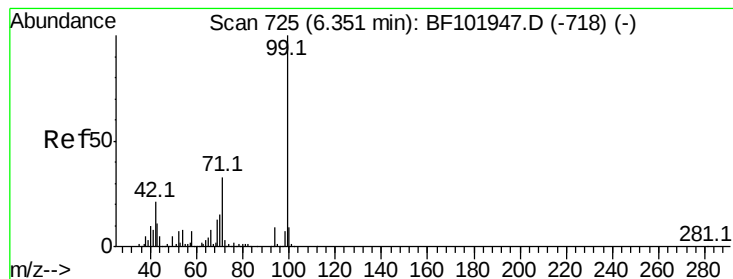
2-Fluorophenol
Concen: 108.087 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Tgt Ion:112 Resp: 1649566
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 32.3 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: 105.872 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

ClientSampleId :

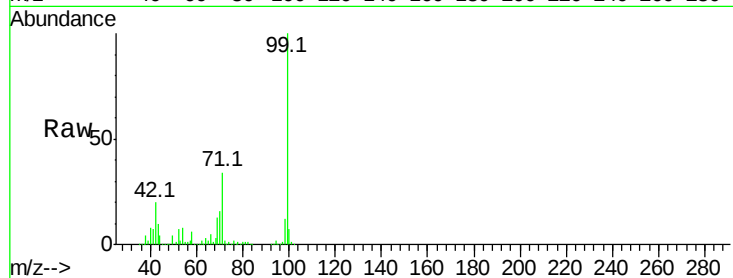
Tot Ion: 99 Resp: 1927783

Ion Ratio Lower Upper

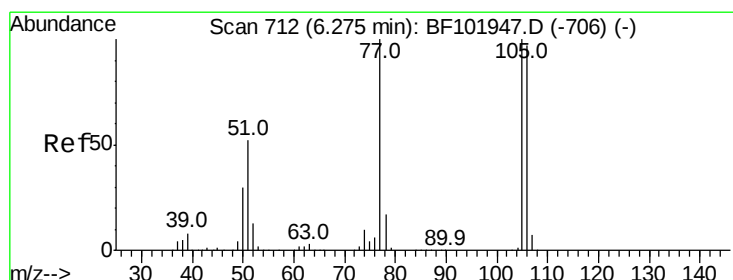
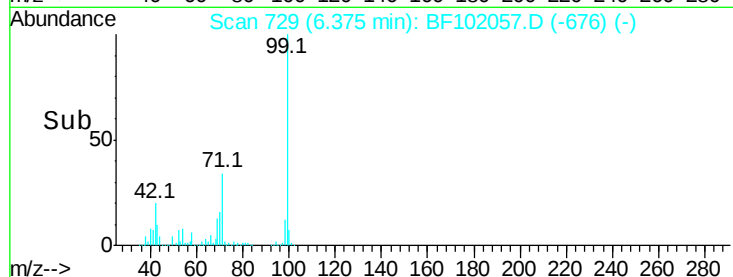
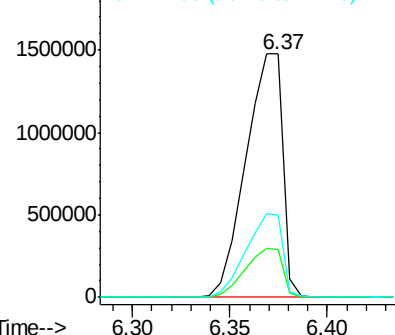
99 100

42 19.8 14.5 21.7

71 33.9 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



#9

Benzaldehyde

Concen: 2.689 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.23 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

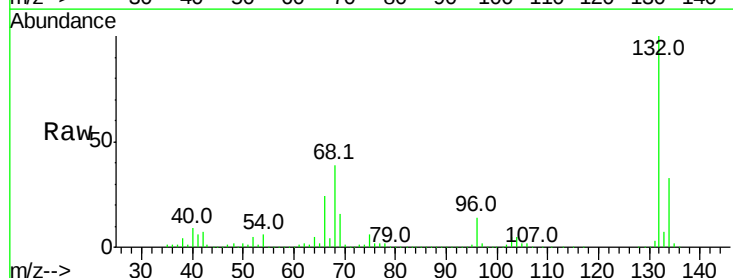
Tgt Ion: 77 Resp: 33992

Ion Ratio Lower Upper

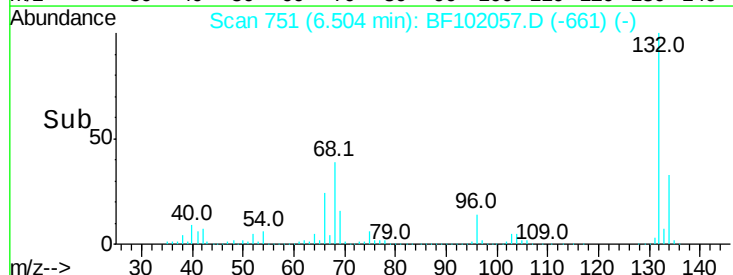
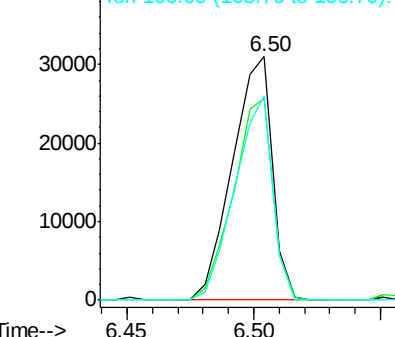
77 100

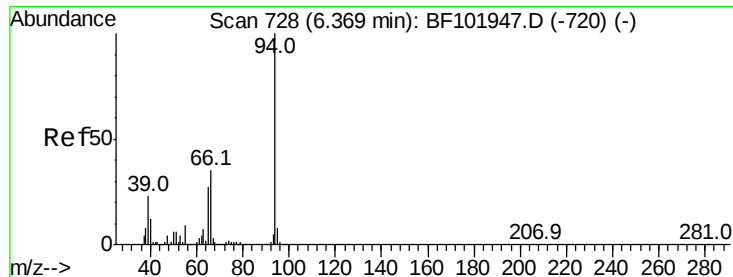
105 82.9 81.1 121.1

106 83.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 5.176 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

ClientSampled :

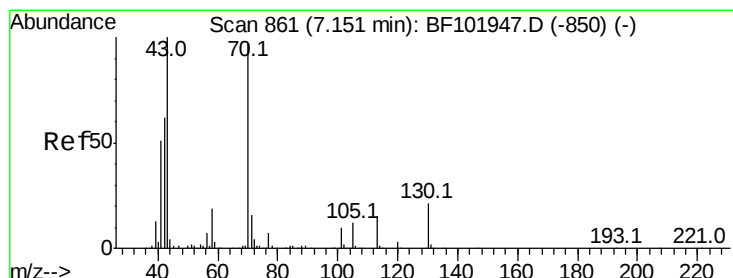
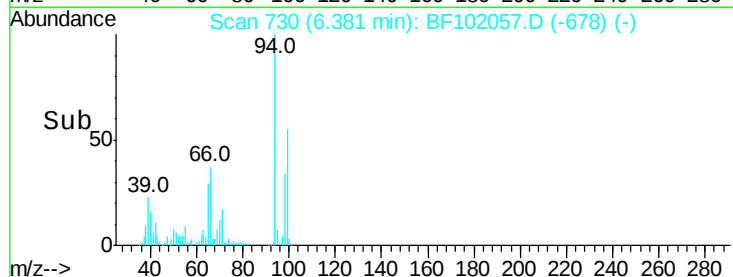
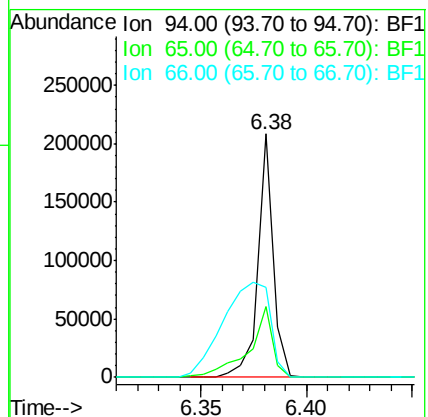
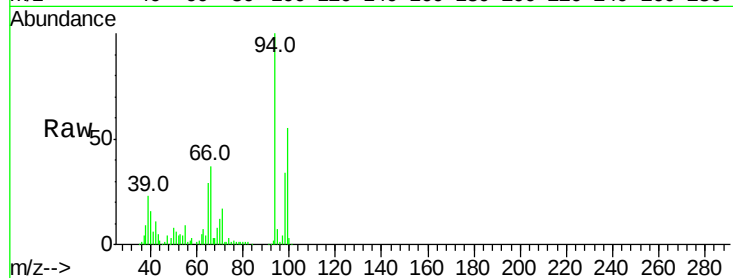
Tot Ion: 94 Resp: 106515

Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

66 36.8 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.755 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.15 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Tgt Ion: 70 Resp: 164129

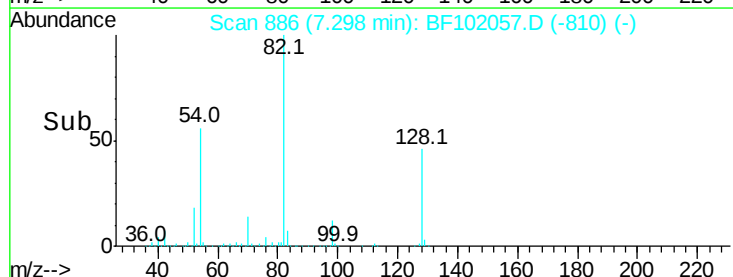
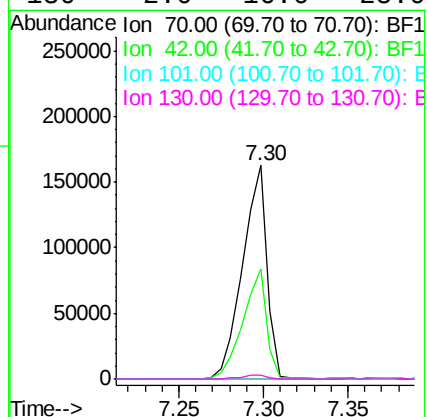
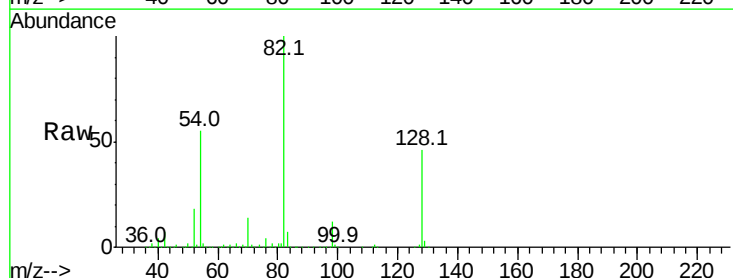
Ion Ratio Lower Upper

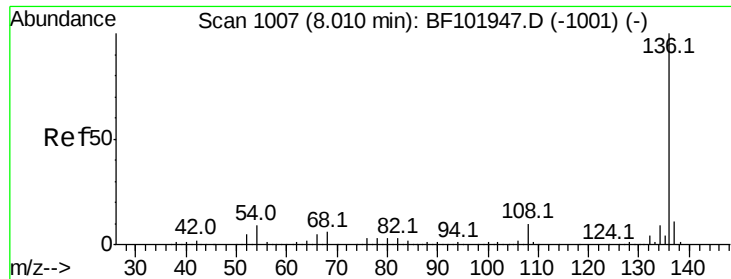
70 100

42 51.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

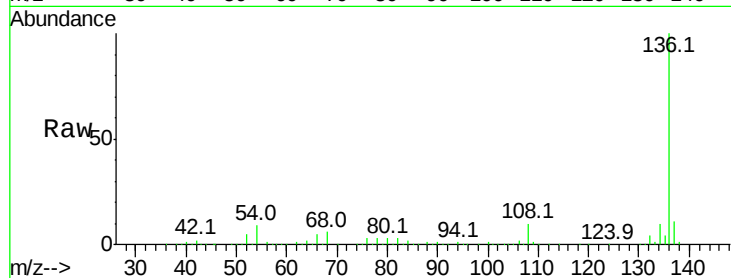




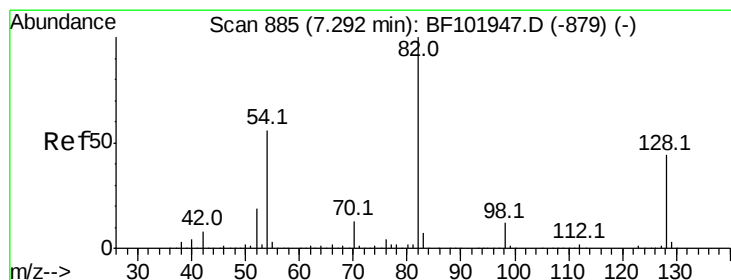
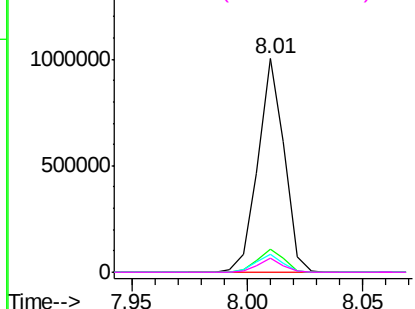
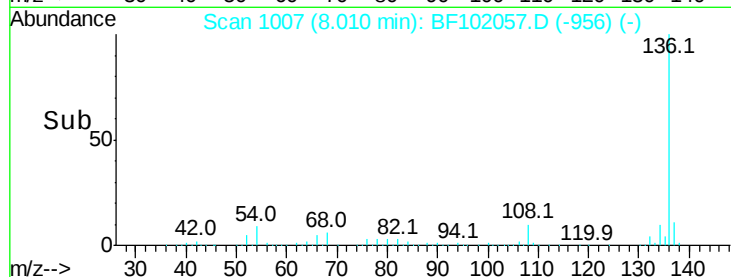
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	793770
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	8.7	6.6 9.8
68	6.3	5.0 7.4

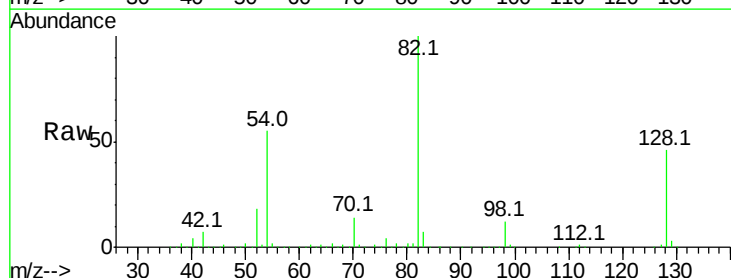


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

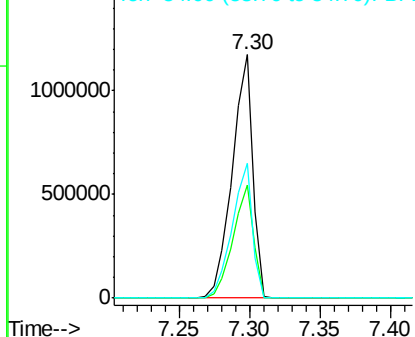
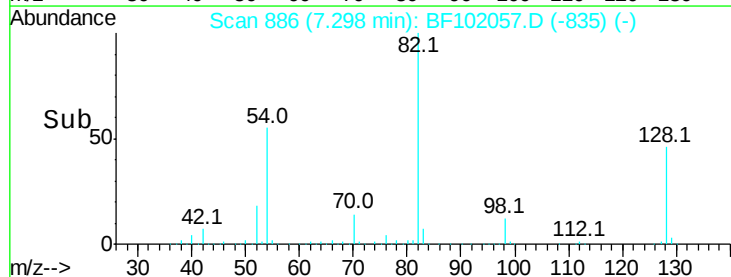


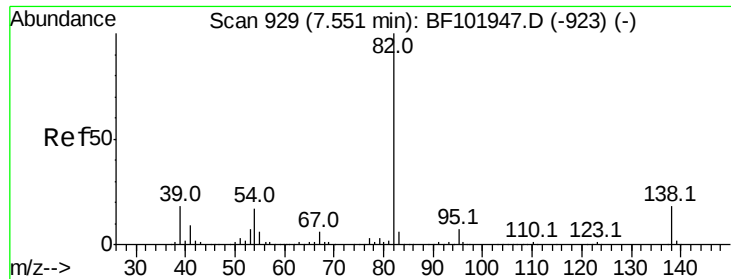
#23
Nitrobenzene-d5
Concen: 88.241 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Tgt Ion: 82	Resp:	1191932
Ion	Ratio	Lower Upper
82	100	
128	46.3	36.1 54.1
54	55.5	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: 44.658 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.25 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

ClientSampleId :

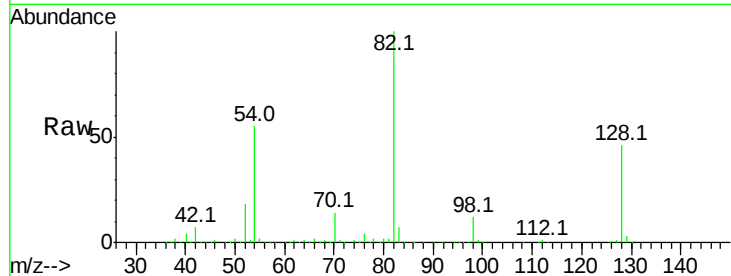
Tot Ion: 82 Resp: 1191921

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

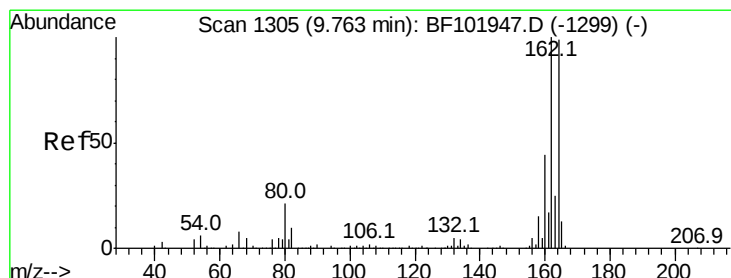
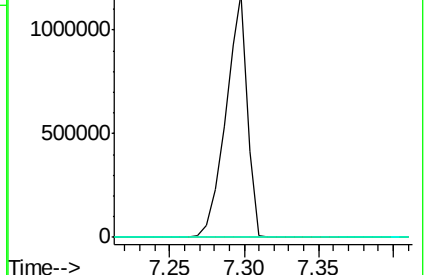
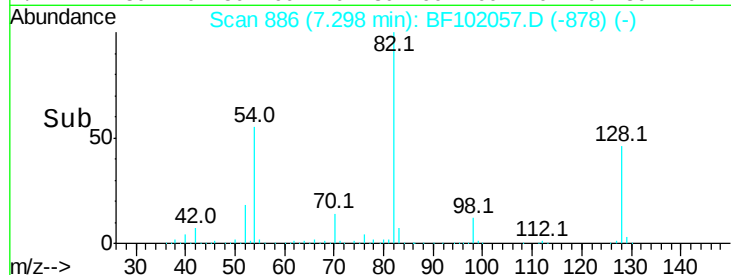
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

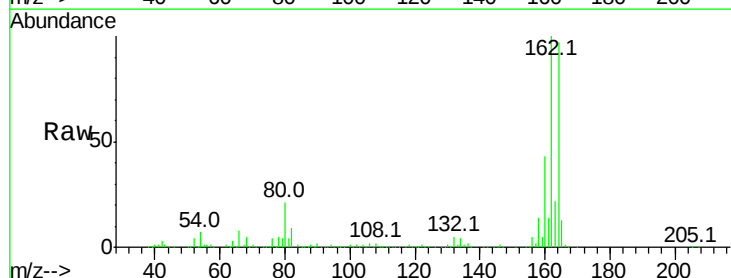
Tgt Ion:164 Resp: 295025

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

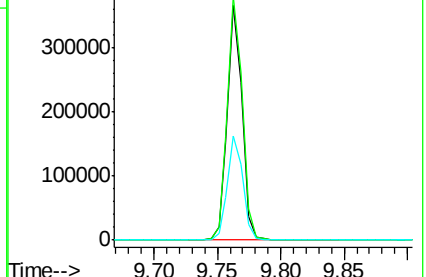
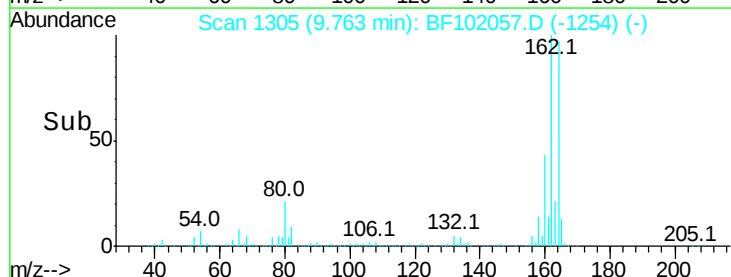
160 44.2 38.3 57.5

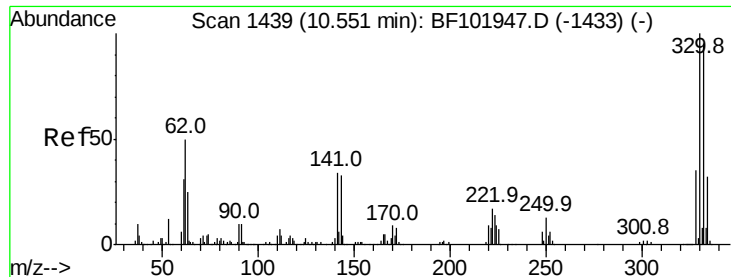


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

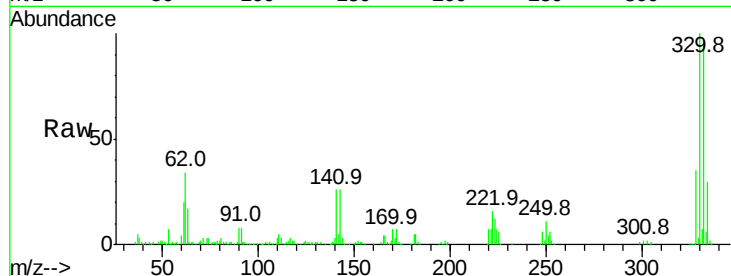




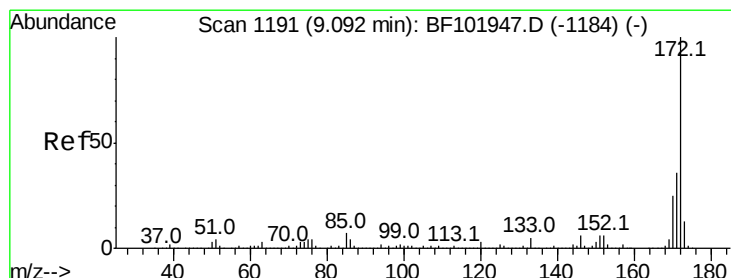
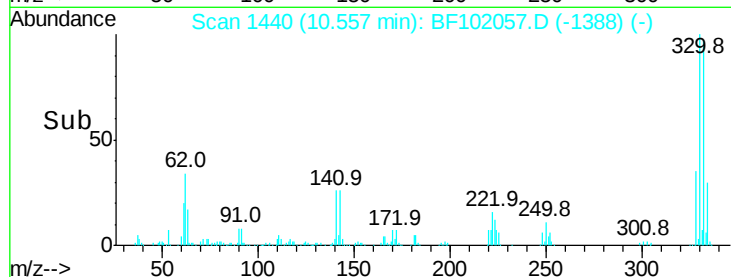
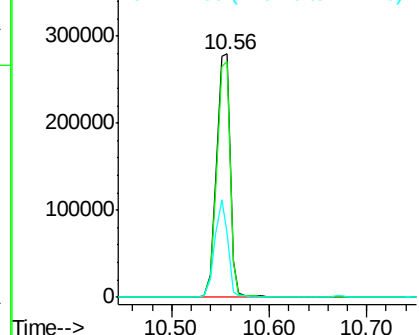
#41
 2,4,6-Tribromophenol
 Concen: 106.118 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF102057.D
 Acq: 12 Jan 2018 21:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	38.3	29.9	44.9

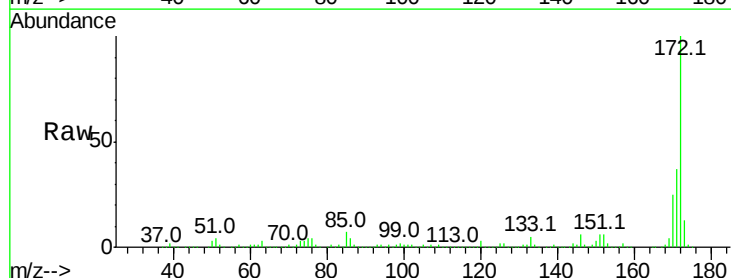


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

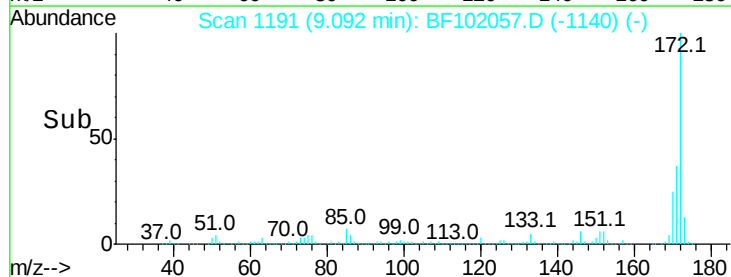
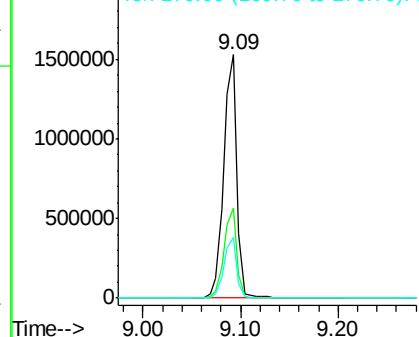


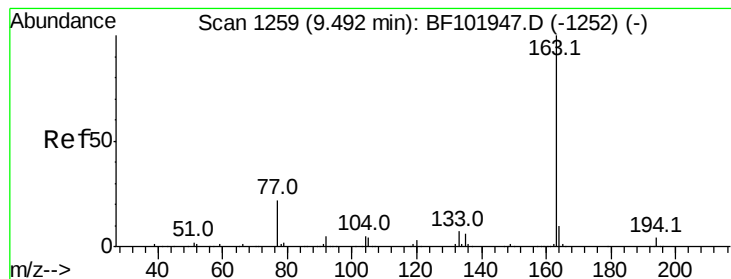
#44
 2-Fluorobiphenyl
 Concen: 75.684 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF102057.D
 Acq: 12 Jan 2018 21:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.9	19.6	29.4



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





#49

Dimethylphthalate

Concen: 9.978 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

ClientSampleId :

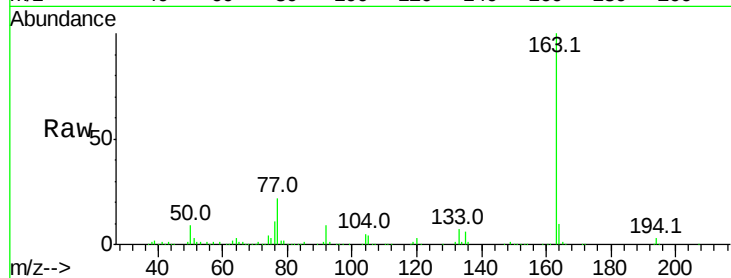
Tot Ion:163 Resp: 236157

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

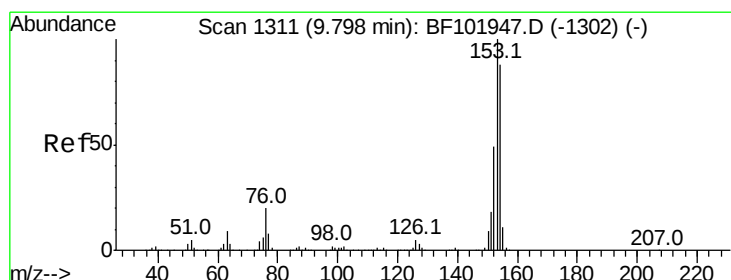
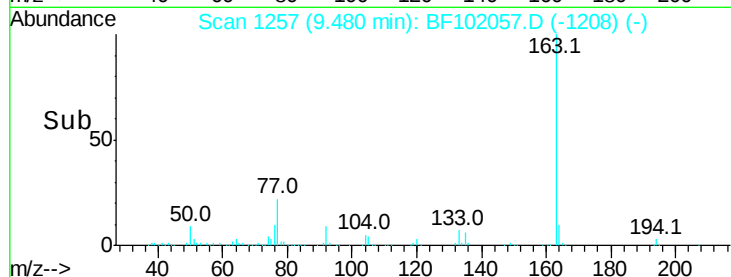
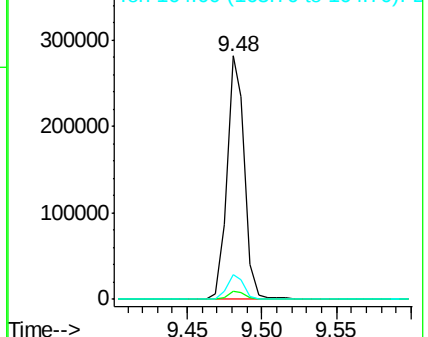
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 3.985 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

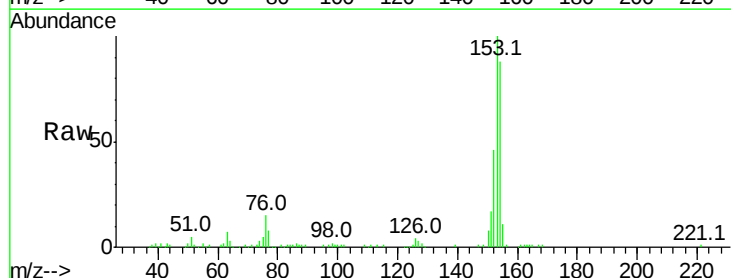
Tgt Ion:154 Resp: 77625

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

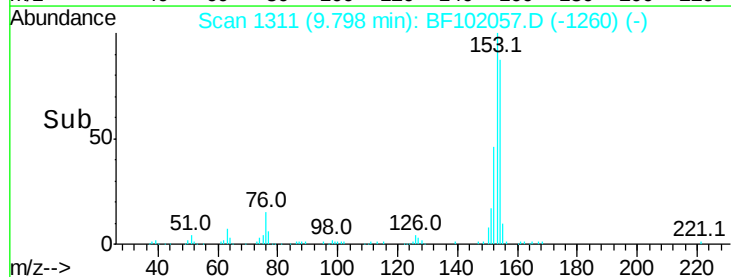
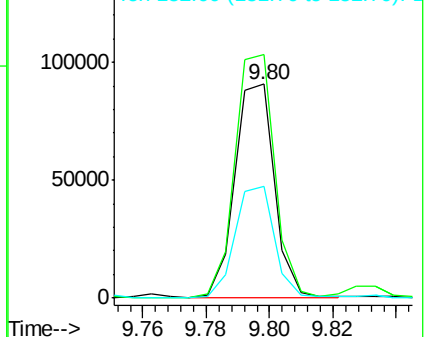
152 52.3 43.8 65.8

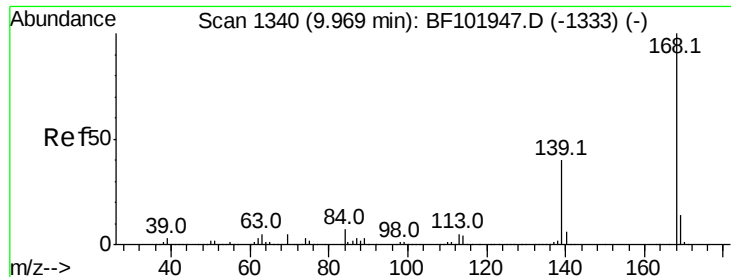


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

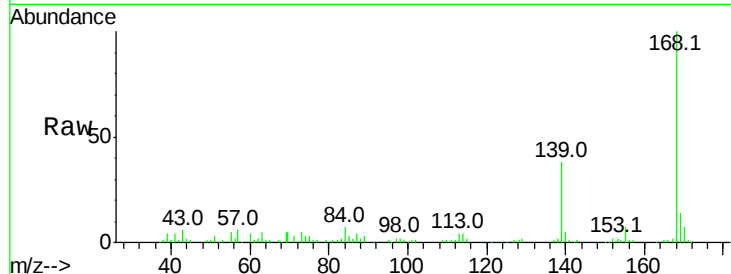




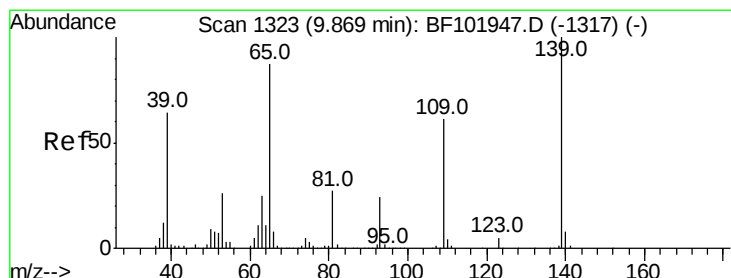
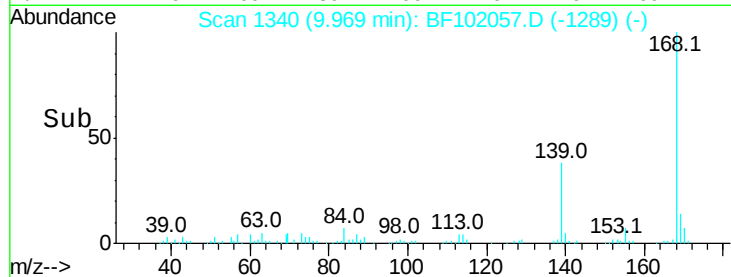
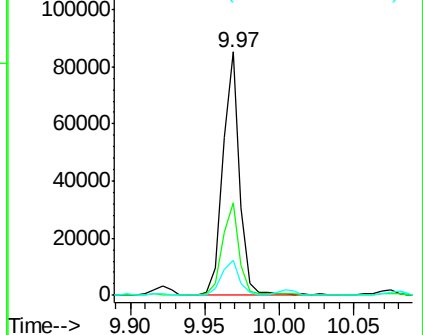
#54
Dibenzenofuran
Concen: 2.518 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 67312
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 14.5 10.9 16.3

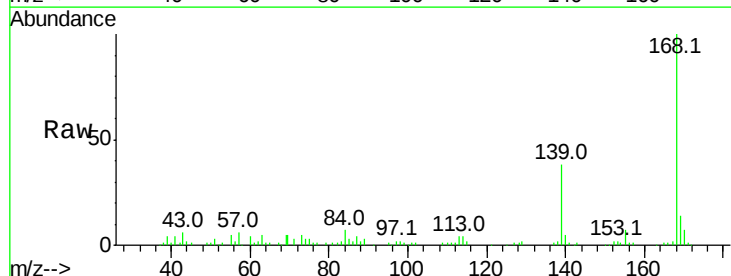


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

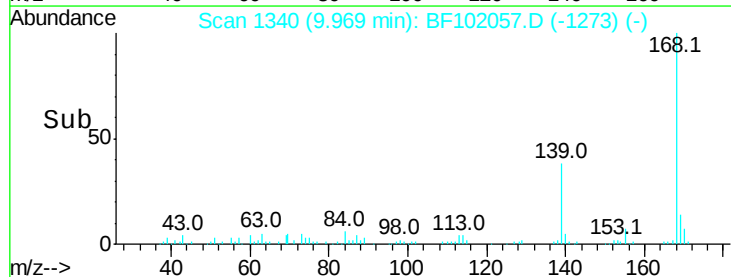
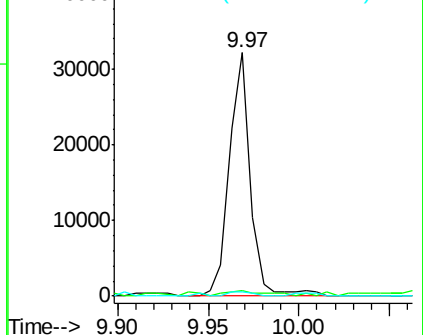


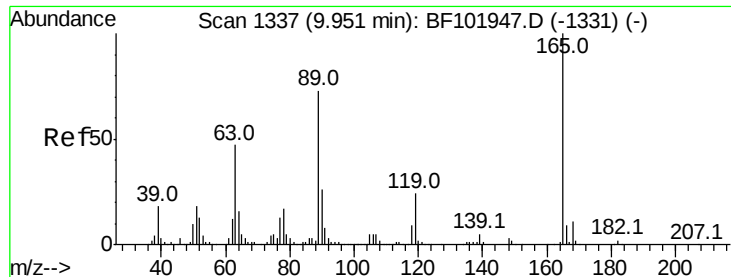
#55
4-Nitrophenol
Concen: 5.886 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.09 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Tgt Ion:139 Resp: 26171
Ion Ratio Lower Upper
139 100
109 2.3 48.4 88.4#
65 1.8 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

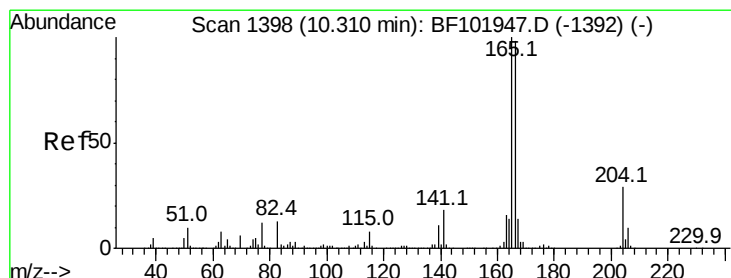
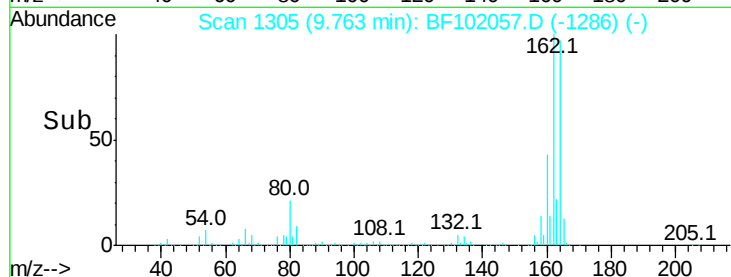
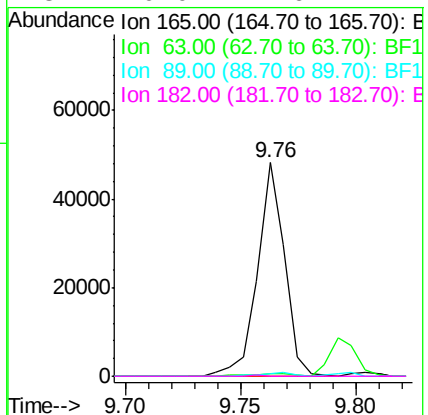
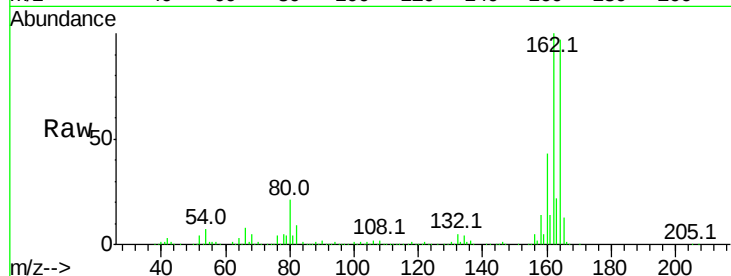




#56
2,4-Dinitrotoluene
Concen: 6.663 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

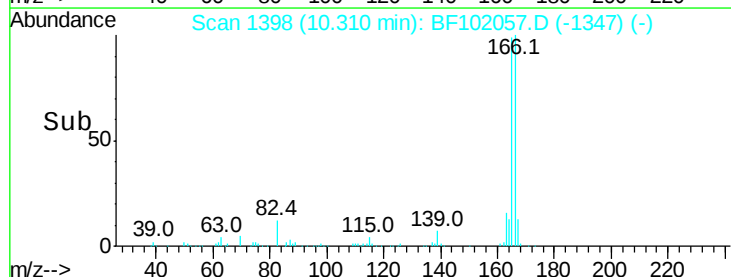
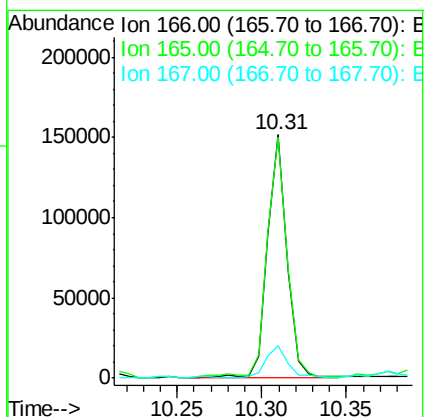
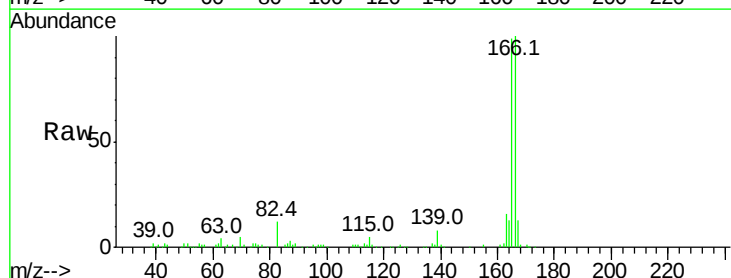
Instrument :
BNA_F
ClientSampleId :

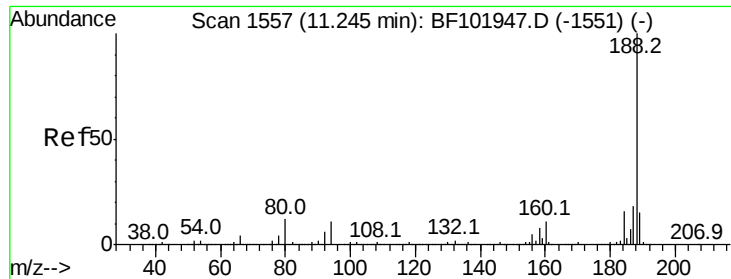
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 6.567 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.1	10.6	16.0

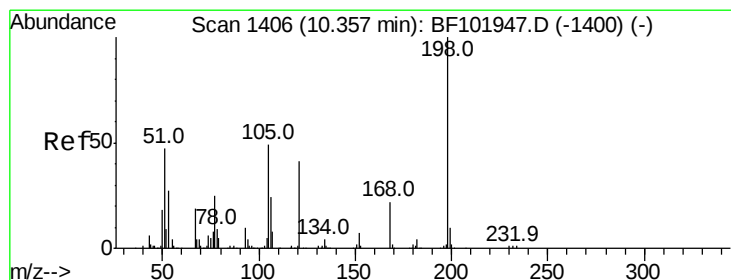
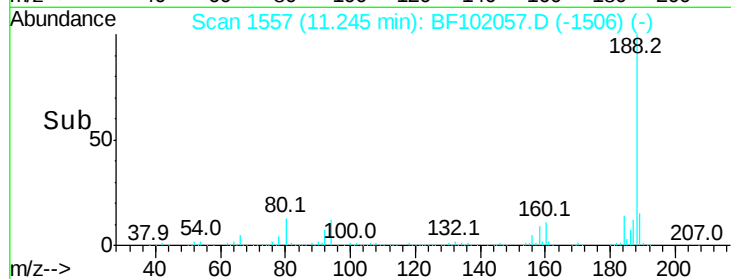
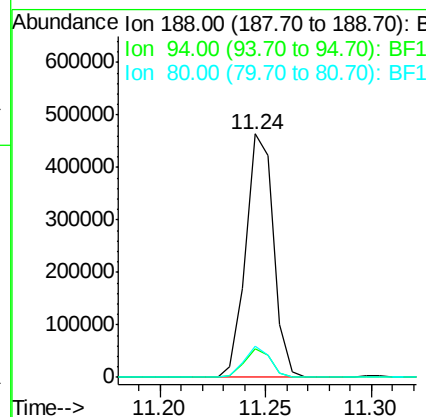
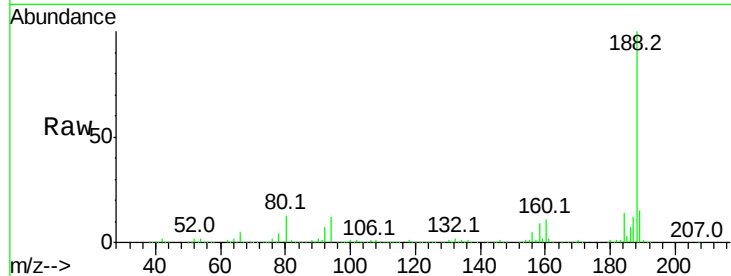




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

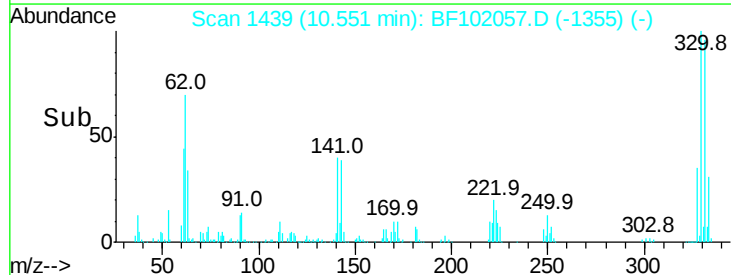
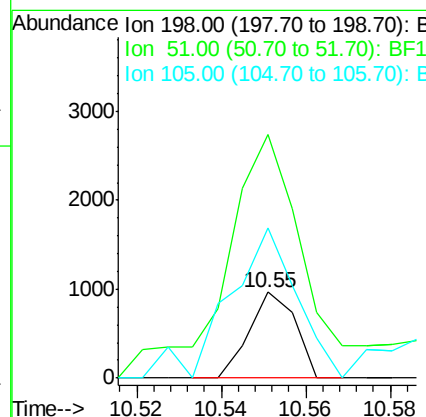
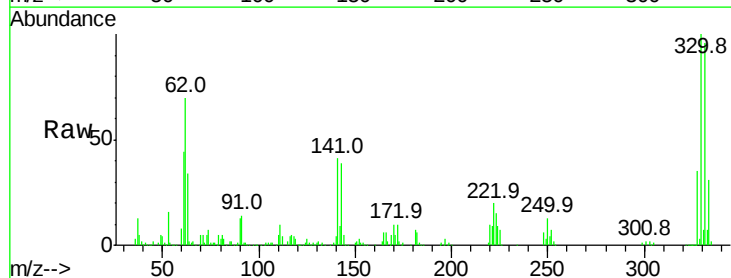
Instrument :
BNA_F
ClientSampleId :

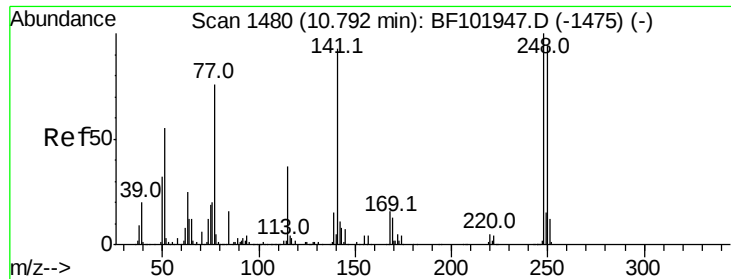
Tot Ion:188 Resp: 419639
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.944 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Tgt Ion:198 Resp: 728
Ion Ratio Lower Upper
198 100
51 283.8 37.7 77.7#
105 175.5 36.3 76.3#





#66

4-Bromophenyl-phenylether

Concen: 3.844 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

ClientSampled :

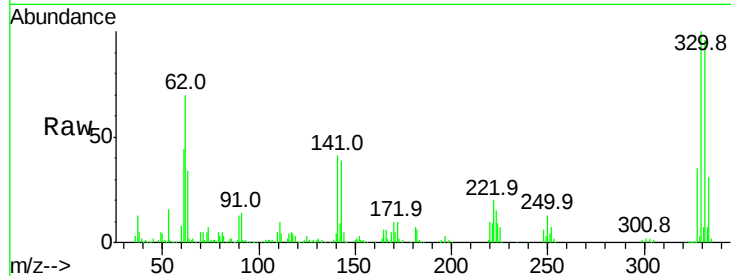
Tot Ion:248 Resp: 17036

Ion Ratio Lower Upper

248 100

250 201.6 76.9 115.3#

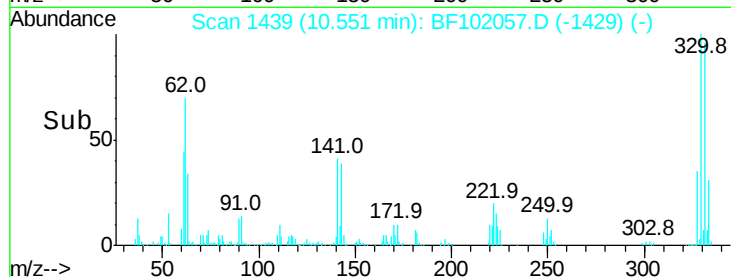
141 633.5 74.4 111.6#



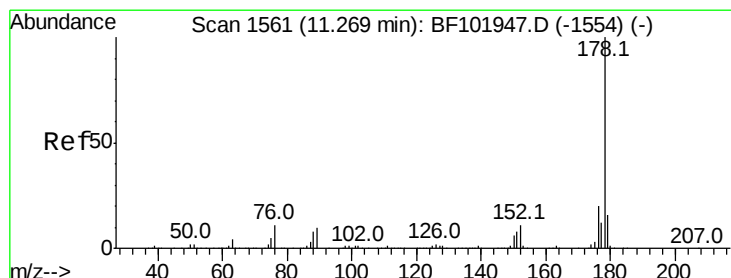
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 10.50 10.55



#70

Phenanthrene

Concen: 33.593 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

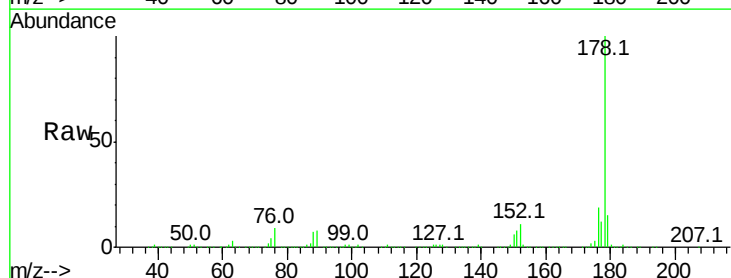
Tgt Ion:178 Resp: 823460

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

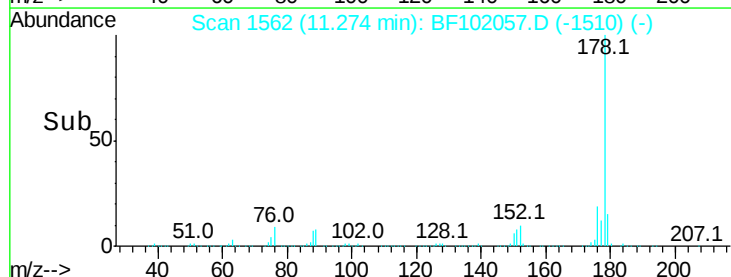
179 15.2 13.0 19.6



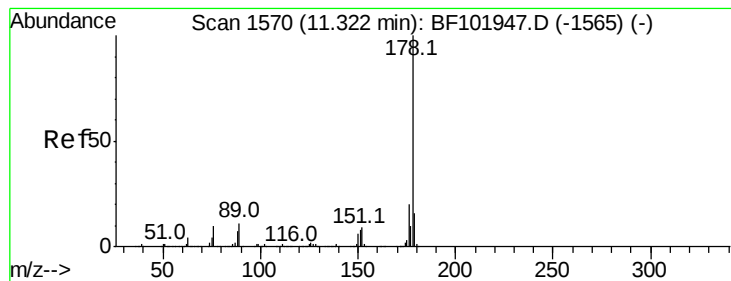
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.25 11.30



#71

Anthracene

Concen: 9.791 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

ClientSampleId :

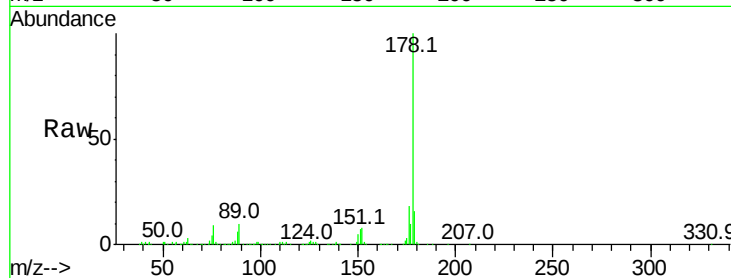
Tot Ion:178 Resp: 243403

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

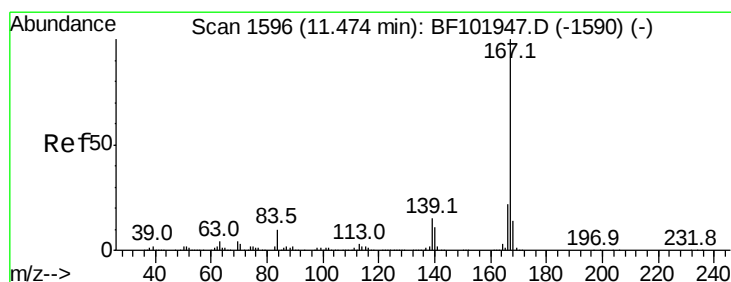
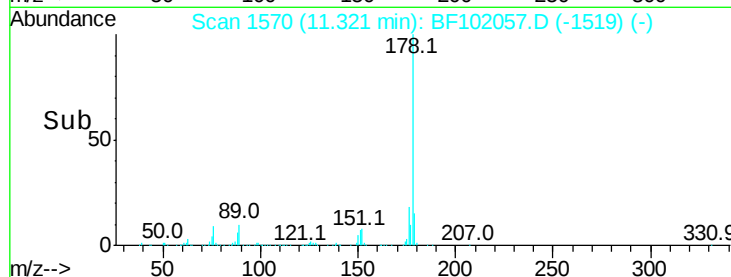
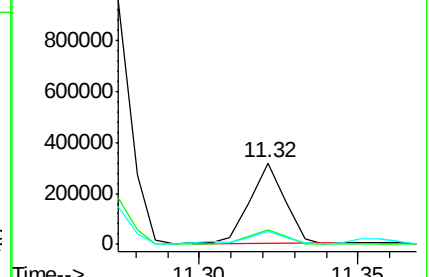
179 15.5 12.6 19.0



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



#72

Carbazole

Concen: 4.512 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

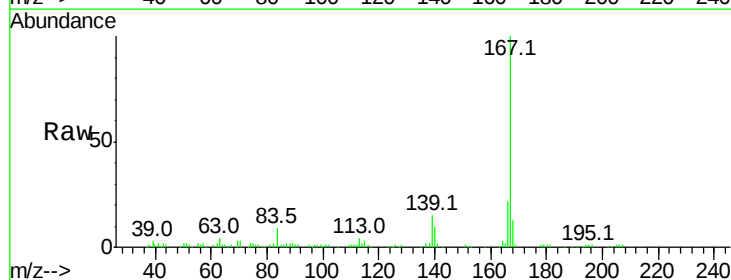
Tgt Ion:167 Resp: 110255

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

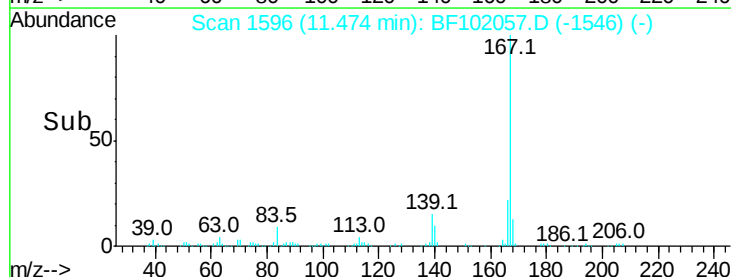
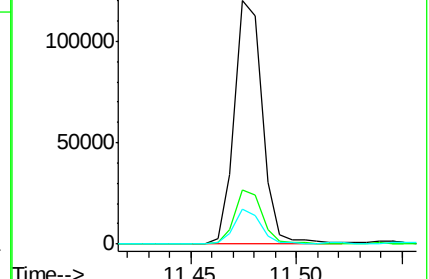
139 14.6 10.9 16.3

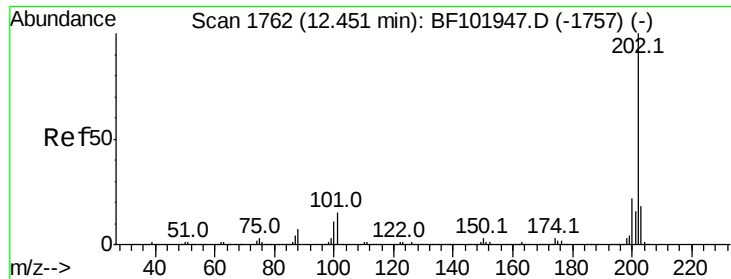


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 40.792 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

ClientSampleId :

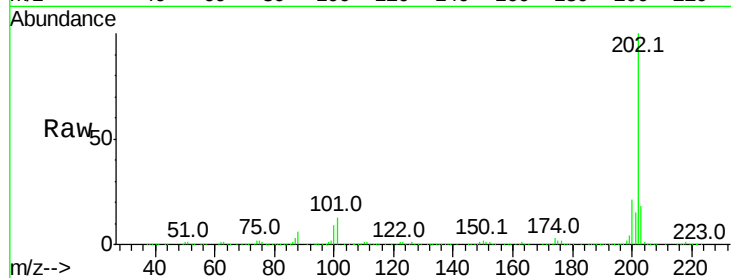
Tot Ion:202 Resp: 983793

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

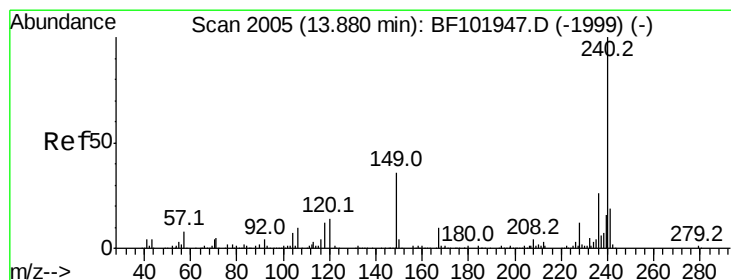
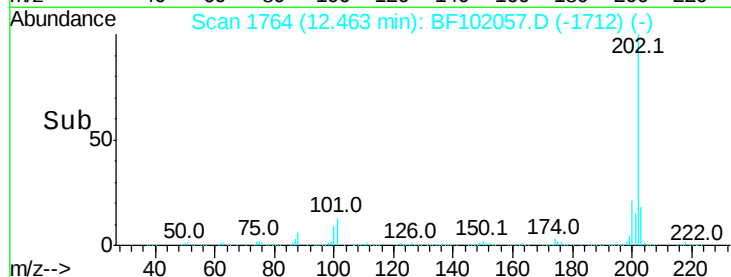
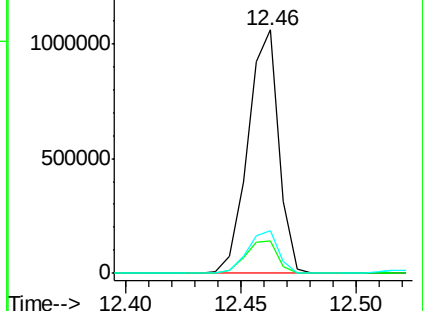
203 17.7 0.0 38.1



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: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

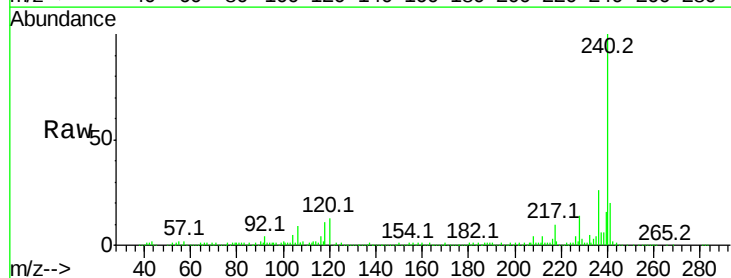
Tgt Ion:240 Resp: 363776

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

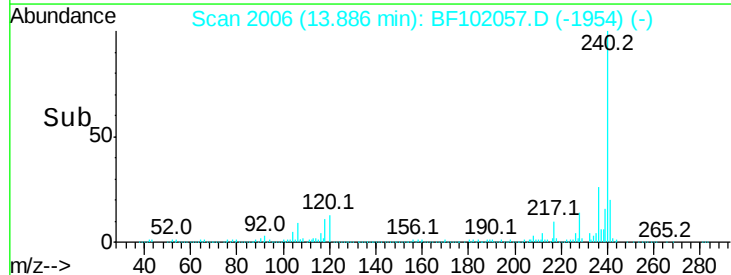
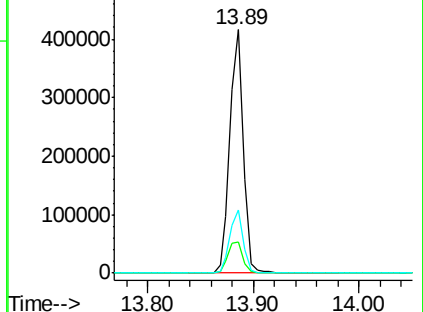
236 26.1 20.7 31.1

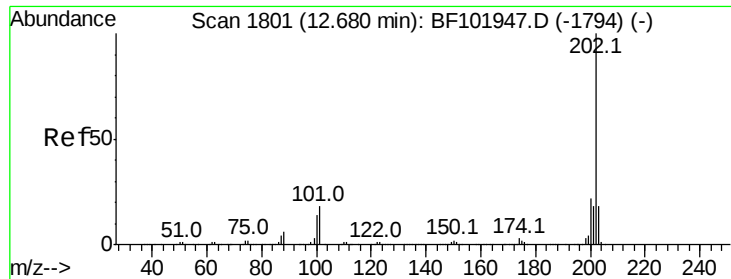


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 25.203 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

ClientSampled :

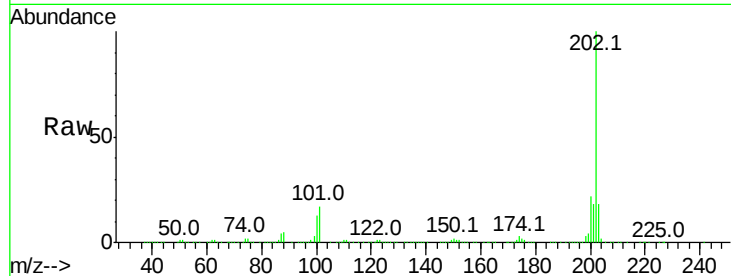
Tot Ion:202 Resp: 810428

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

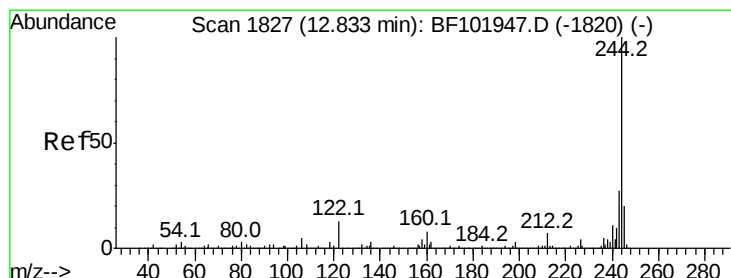
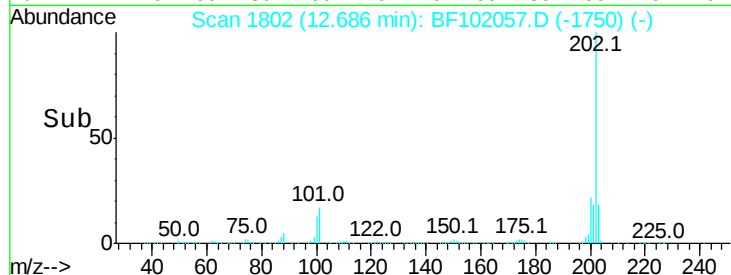
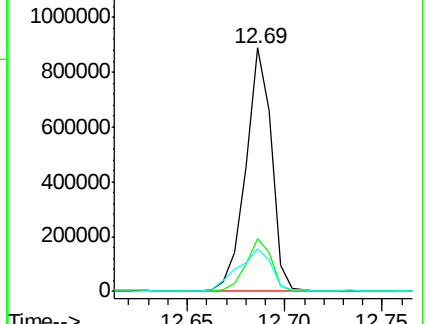
203 17.6 14.3 21.5



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: 50.913 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

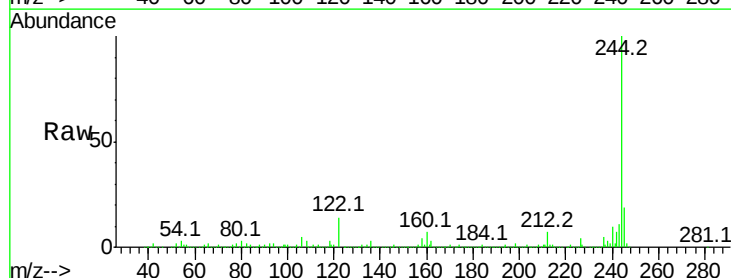
Tgt Ion:244 Resp: 892035

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

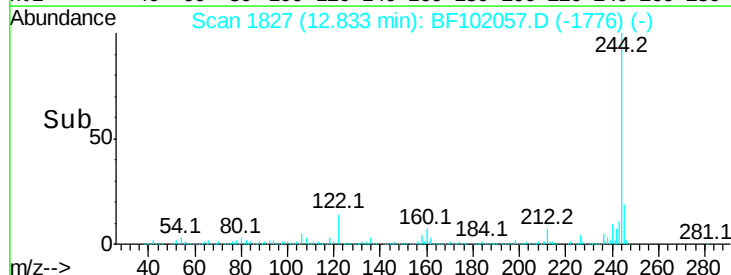
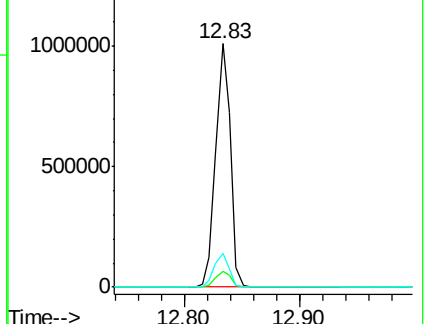
122 14.0 11.0 16.4

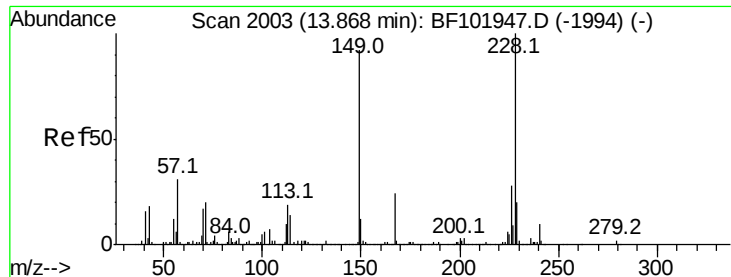


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

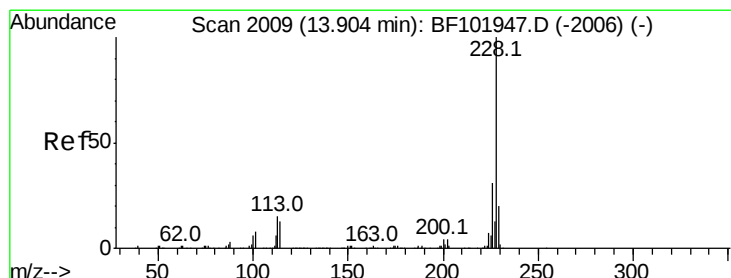
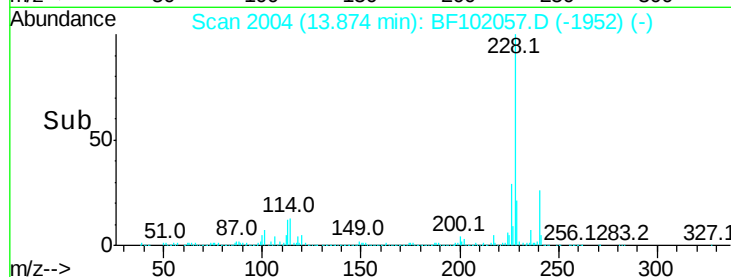
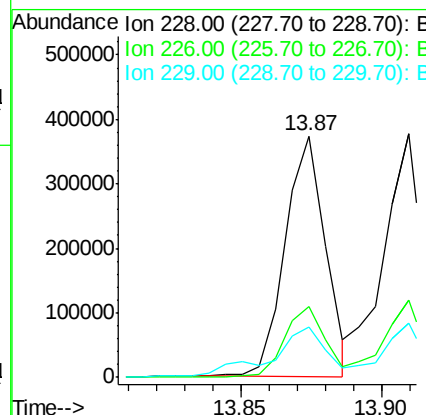
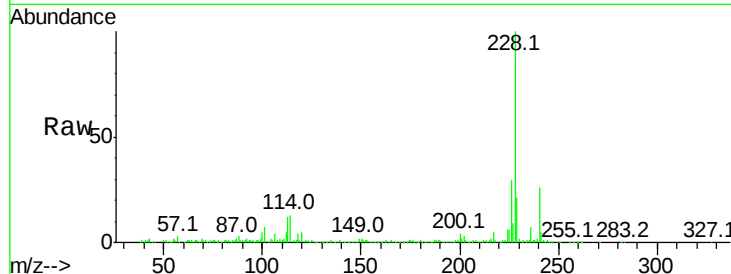




#80
Benzo(a)anthracene
Concen: 15.839 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

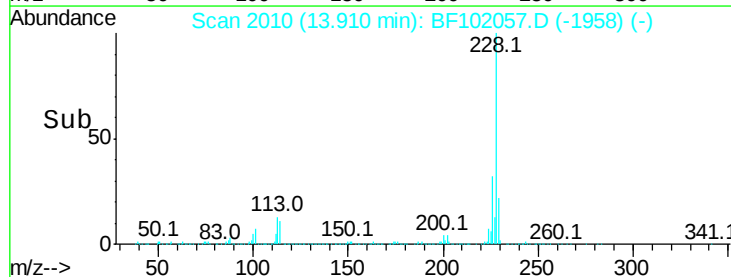
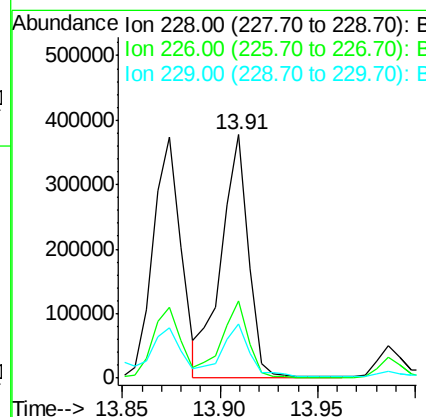
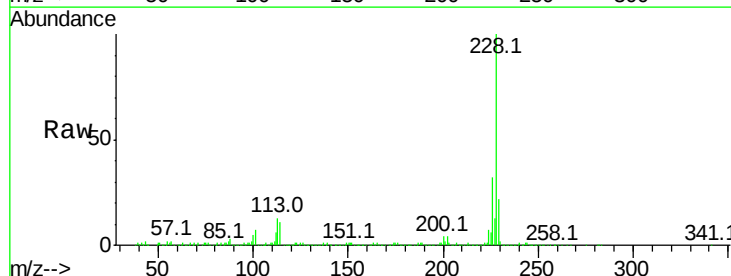
Instrument :
BNA_F
ClientSampleId :

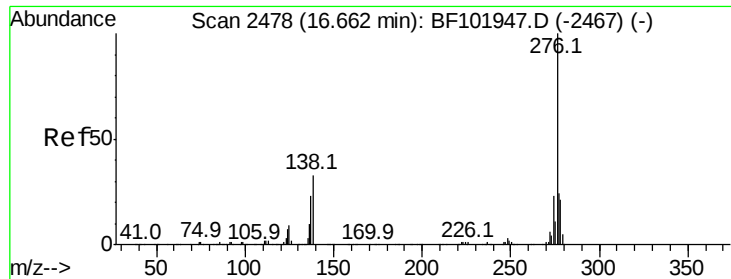
Tot Ion:228 Resp: 367624
Ion Ratio Lower Upper
228 100
226 29.6 22.6 33.8
229 21.0 15.8 23.6



#82
Chrysene
Concen: 14.985 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Tgt Ion:228 Resp: 362663
Ion Ratio Lower Upper
228 100
226 31.6 25.0 37.6
229 22.3 16.2 24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 5.807 ng

RT: 16.68 min Scan# 2481

Delta R.T. 0.01 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :

BNA_F

ClientSampleId :

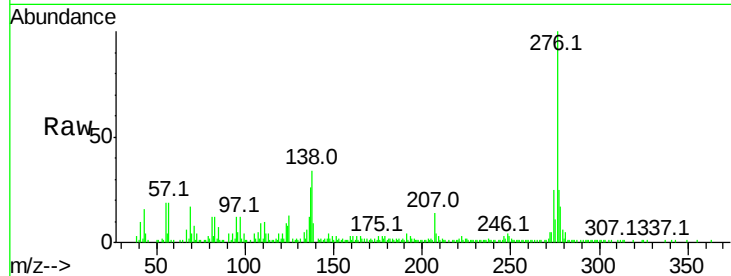
Tot Ion:276 Resp: 102282

Ion Ratio Lower Upper

276 100

138 30.4 25.0 37.6

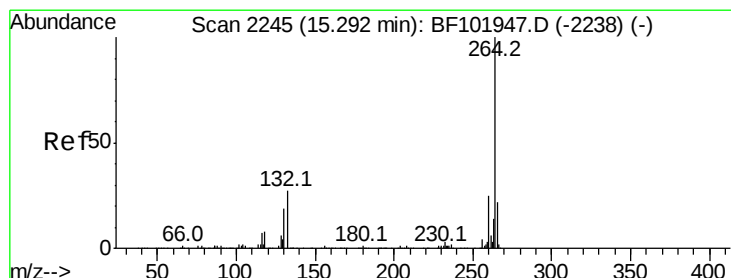
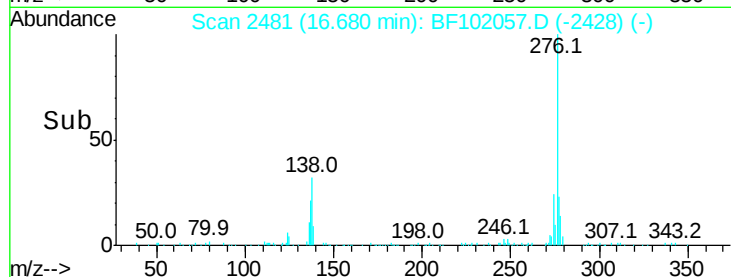
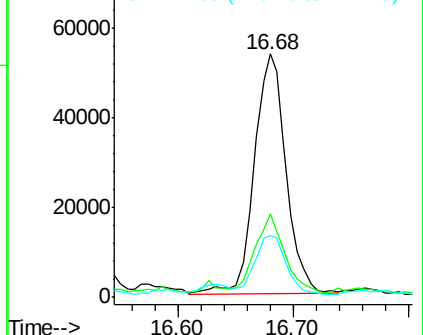
277 24.2 20.1 30.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.02 min

Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

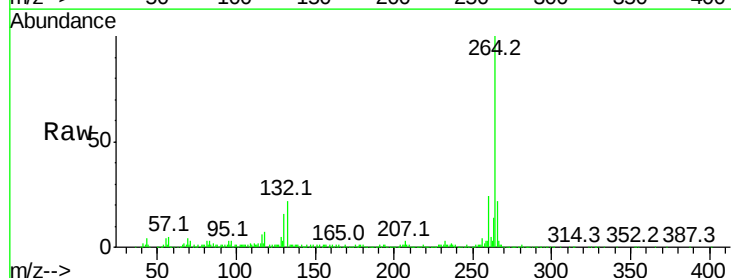
Tgt Ion:264 Resp: 318740

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

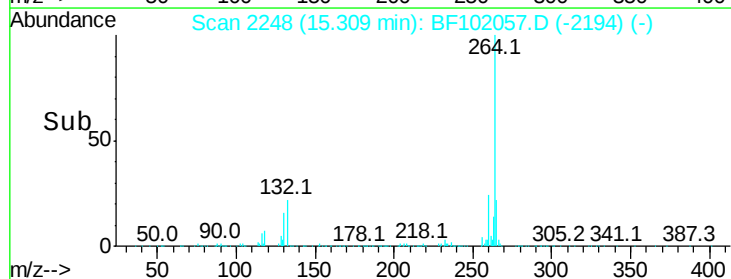
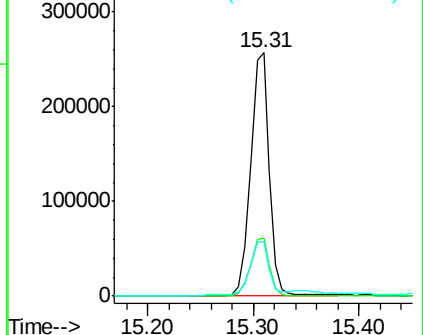
265 22.2 17.5 26.3

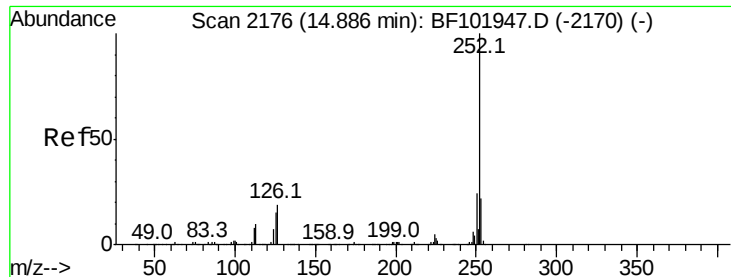


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 22.736 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.01 min

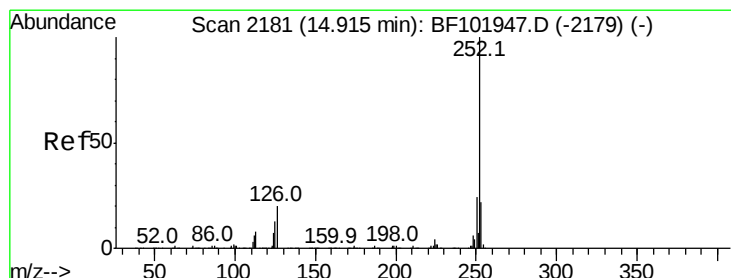
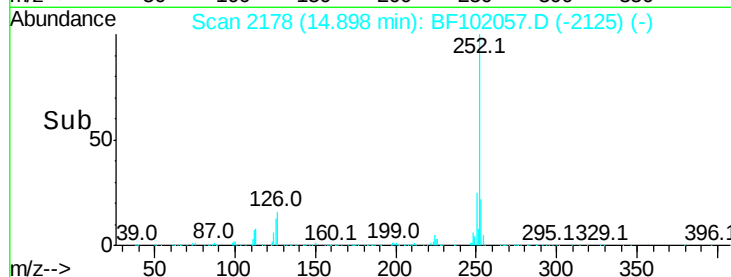
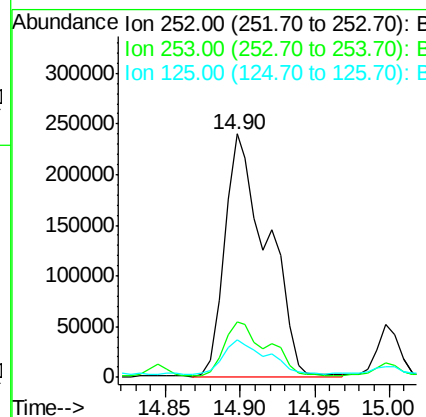
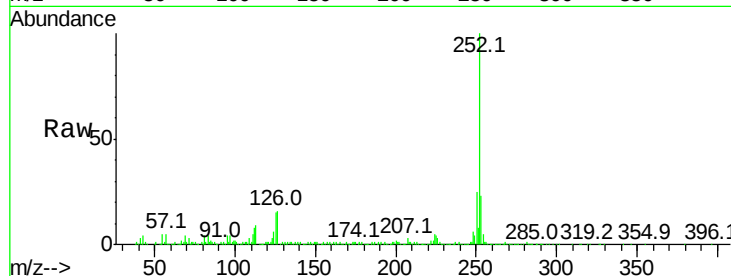
Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 472512

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	15.2	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 23.568 ng

RT: 14.90 min Scan# 2178

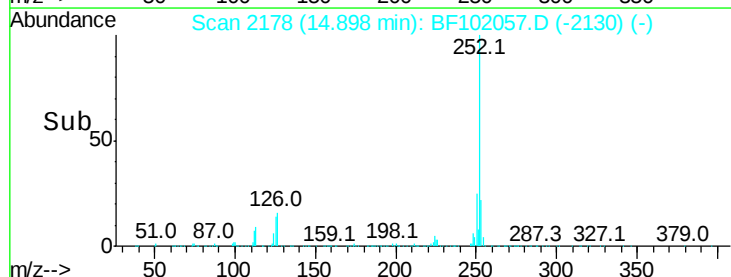
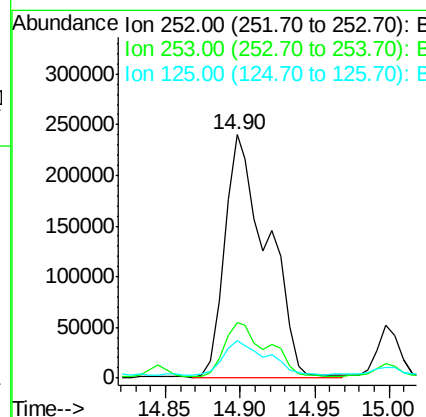
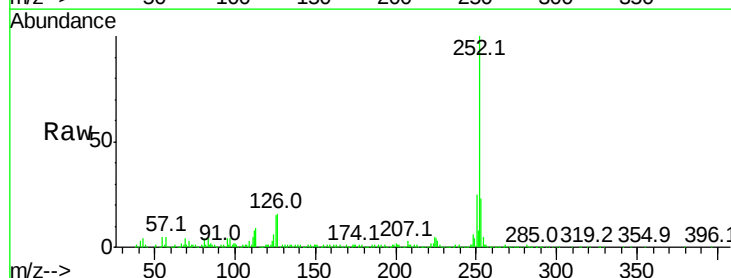
Delta R.T. -0.02 min

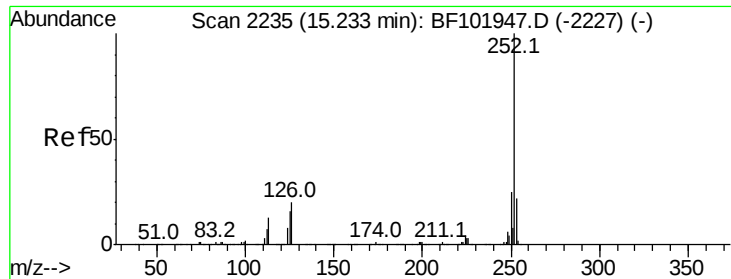
Lab File: BF102057.D

Acq: 12 Jan 2018 21:45

Tgt Ion:252 Resp: 472512

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	15.2	10.2	15.2

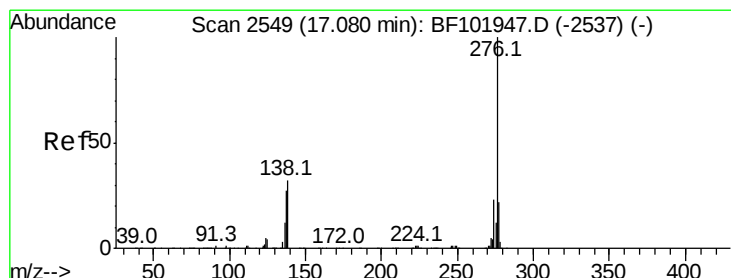
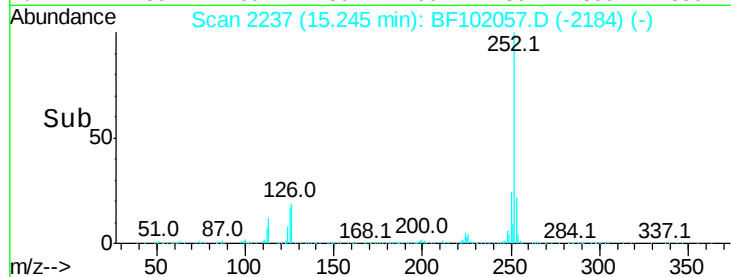
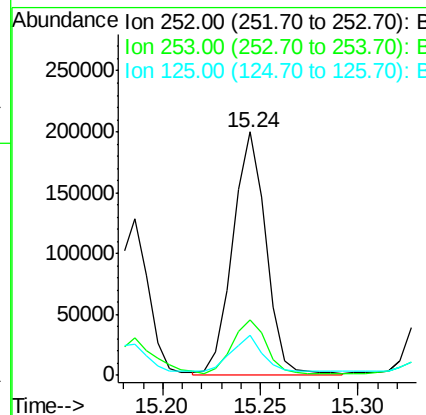
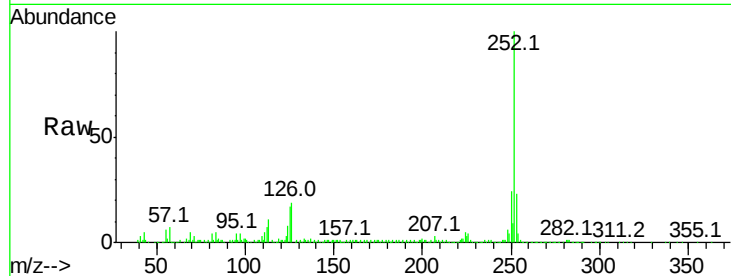




#89
Benzo(a)pyrene
Concen: 12.552 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 234747
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 16.5 9.8 14.6#



#91
Benzo(g,h,i)perylene
Concen: 5.736 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF102057.D
Acq: 12 Jan 2018 21:45

Tgt Ion:276 Resp: 86227
Ion Ratio Lower Upper
276 100
277 24.7 17.9 26.9
138 31.4 21.8 32.8

