

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098521.D
 Acq On : 14 Sep 2017 11:30
 Operator : SJ/JU
 Sample : I5182-05DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-1DL

Quant Time: Sep 14 15:40:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 14 15:40:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	149630	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	610504	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	277678	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	521101	20.00	ng	0.00
75) Chrysene-d12	13.80	240	290556	20.00	ng	0.00
86) Perylene-d12	15.19	264	306353	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	189789	18.75	ng	0.00
7) Phenol-d6	6.29	99	248634	19.35	ng	-0.01
23) Nitrobenzene-d5	7.21	82	148320	13.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	42912	23.15	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	248570	15.17	ng	-0.01
78) Terphenyl-d14	12.74	244	186266	13.84	ng	-0.01

Target Compounds

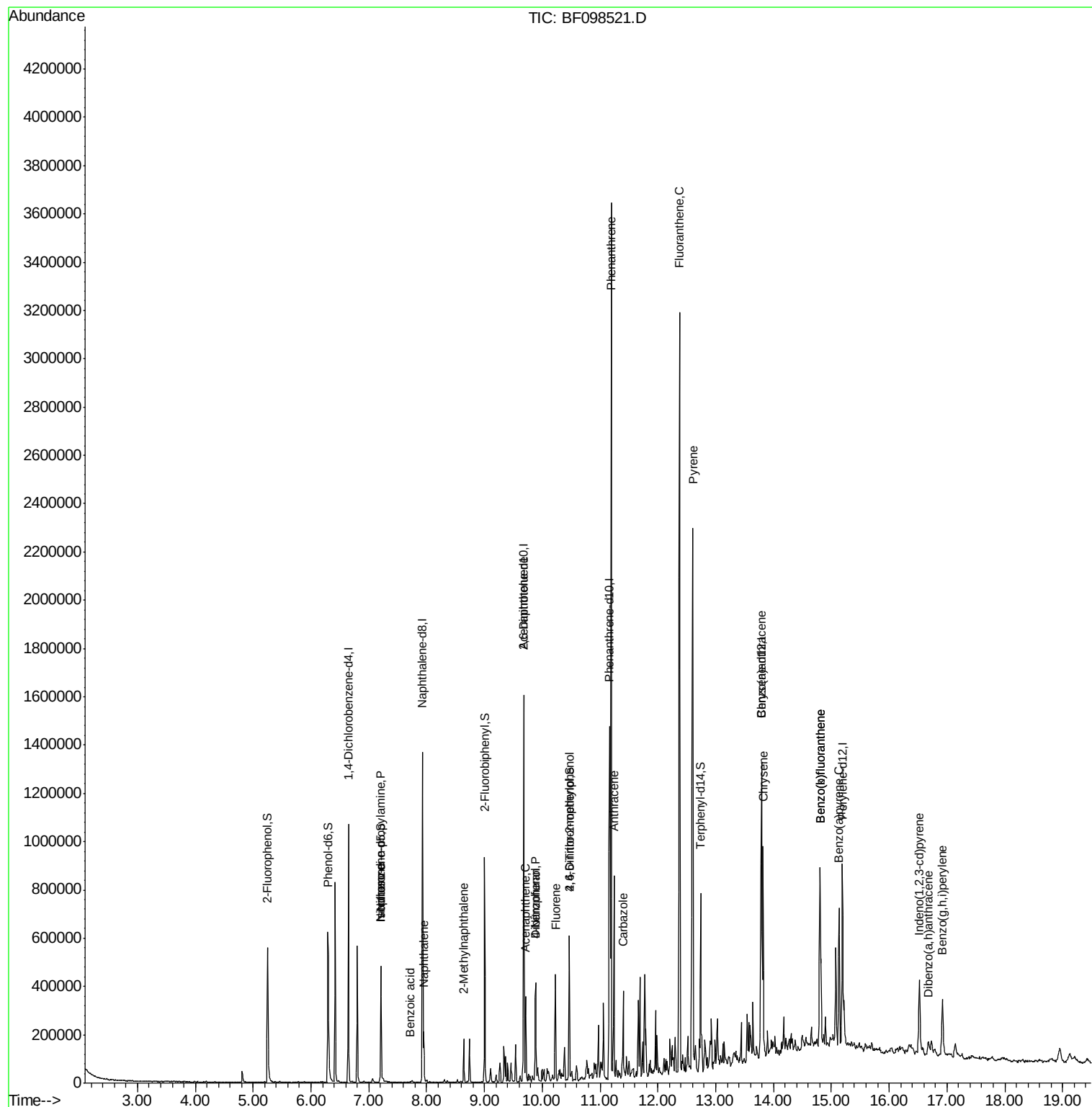
						Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	19094	2.362	ng	# 81
25) Isophorone	7.21	82	148318	6.694	ng	# 67
31) Naphthalene	7.95	128	79068	2.620	ng	99
32) Benzoic acid	7.72	122	250	8.002	ng	92
37) 2-Methylnaphthalene	8.64	142	50292	2.751	ng	98
50) 2,6-Dinitrotoluene	9.68	165	37758	8.552	ng	# 34
51) Acenaphthene	9.71	154	71433	4.258	ng	99
54) Dibenzofuran	9.89	168	140705	6.366	ng	99
55) 4-Nitrophenol	9.89	139	53078	17.334	ng	# 28
57) Fluorene	10.23	166	112725	6.162	ng	100
64) 4,6-Dinitro-2-methylphenol	10.47	198	113	4.996	ng	# 1
70) Phenanthrene	11.19	178	1356945	49.120	ng	99
71) Anthracene	11.24	178	314186	11.077	ng	98
72) Carbazole	11.40	167	126320	4.779	ng	97
74) Fluoranthene	12.37	202	1187281	42.932	ng	99
77) Pyrene	12.60	202	982941	42.884	ng	98
80) Benzo(a)anthracene	13.79	228	306889	18.015	ng	99
82) Chrysene	13.82	228	307012	17.830	ng	96
85) Indeno(1,2,3-cd)pyrene	16.52	276	167575	13.871	ng	93
87) Benzo(b)fluoranthene	14.80	252	474326	24.624	ng	99
88) Benzo(k)fluoranthene	14.80	252	474326	26.377	ng	96
89) Benzo(a)pyrene	15.13	252	242929	14.156	ng	97
90) Dibenzo(a,h)anthracene	16.68	278	27338	2.190	ng	96
91) Benzo(g,h,i)perylene	16.92	276	164847	13.129	ng	95

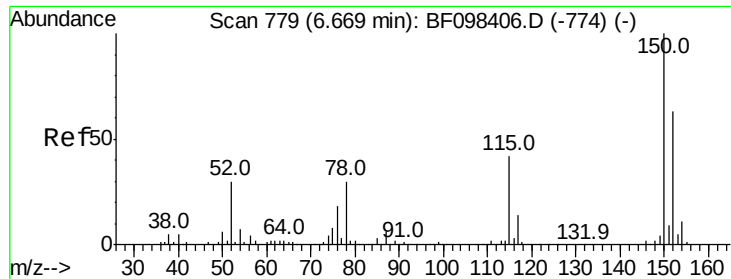
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098521.D
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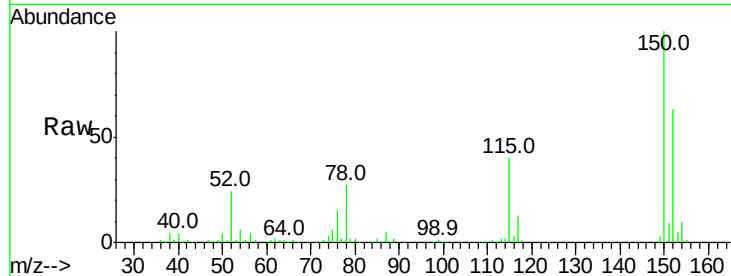


#1

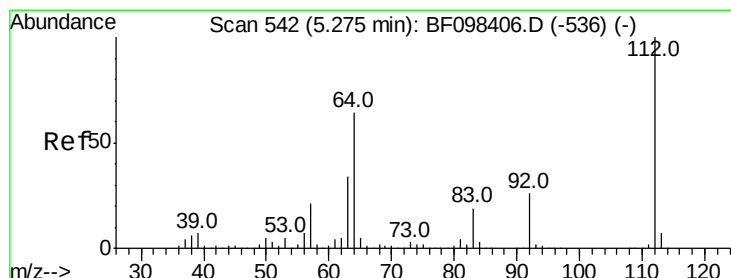
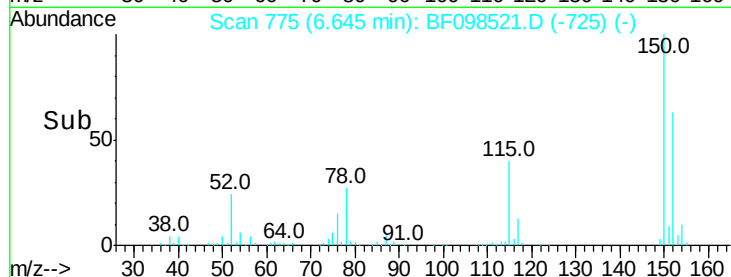
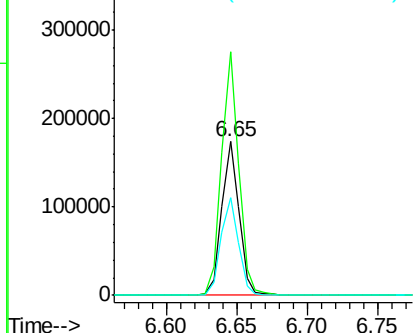
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF098521.D
Acq: 14 Sep 2017 11:30

Instrument :
BNA_F
ClientSampleId :
G-1DL

Tot Ion:152 Resp: 149630
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 63.9 52.2 78.2



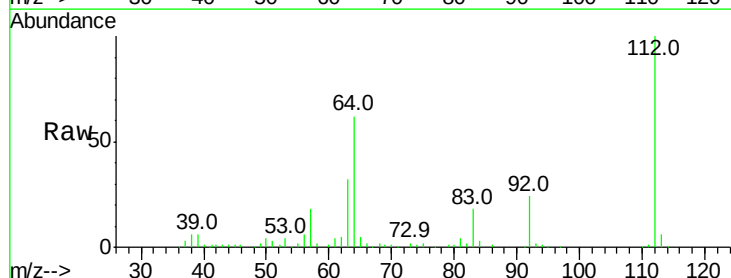
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



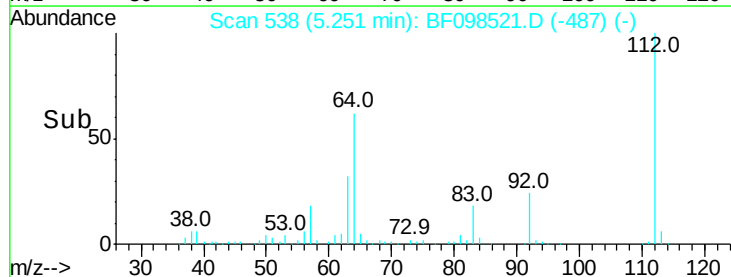
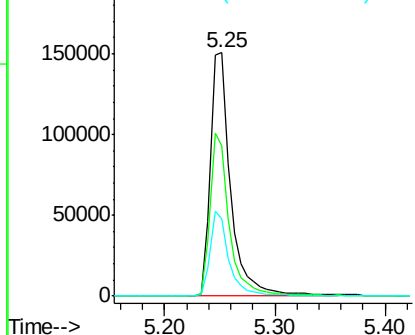
#5

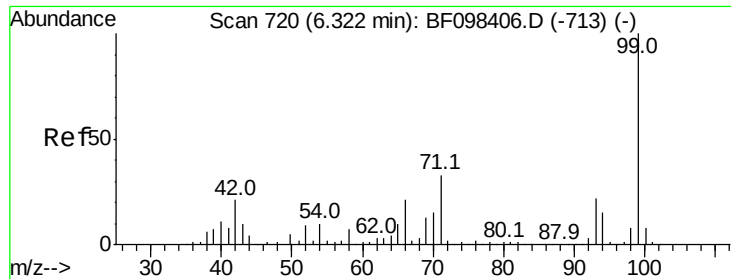
2-Fluorophenol
Concen: 18.753 ng
RT: 5.25 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF098521.D
Acq: 14 Sep 2017 11:30

Tgt Ion:112 Resp: 189789
Ion Ratio Lower Upper
112 100
64 61.9 46.0 69.0
63 31.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.350 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

Instrument :

BNA_F

ClientSampled :

G-1DL

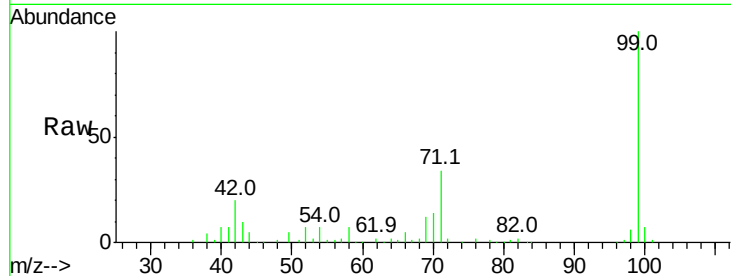
Tot Ion: 99 Resp: 248634

Ion Ratio Lower Upper

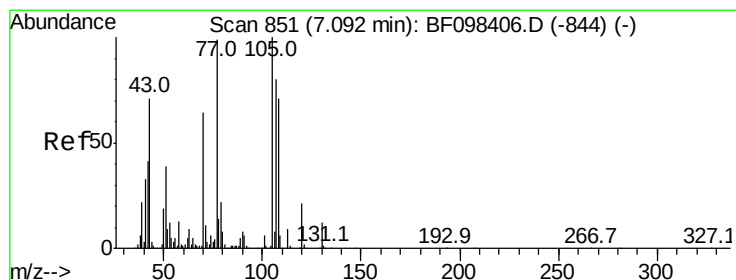
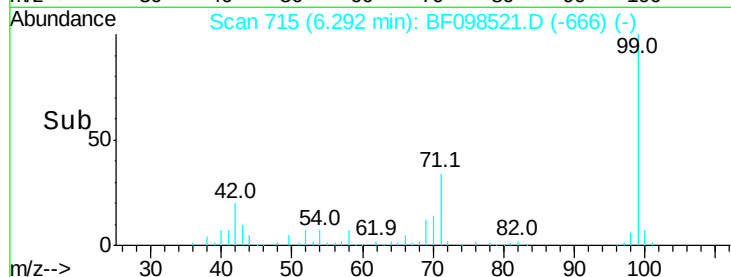
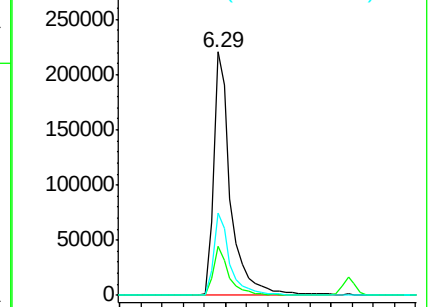
99 100

42 20.0 13.5 20.3

71 34.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 2.362 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.14 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

Tgt Ion: 70 Resp: 19094

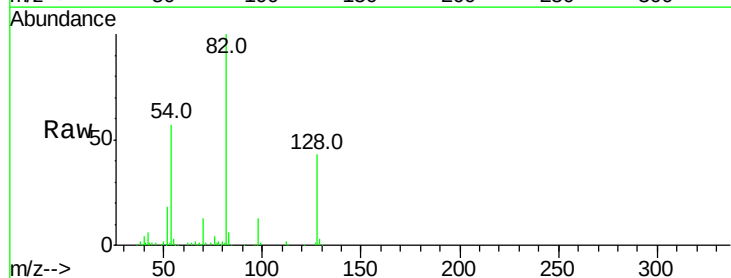
Ion Ratio Lower Upper

70 100

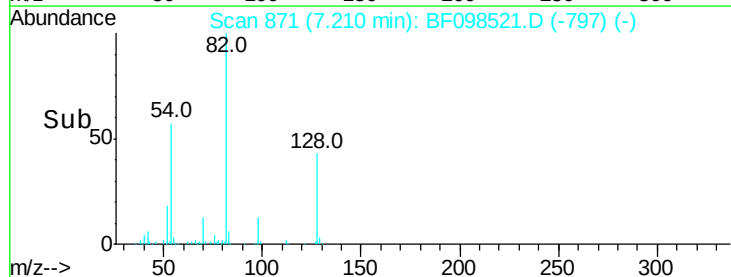
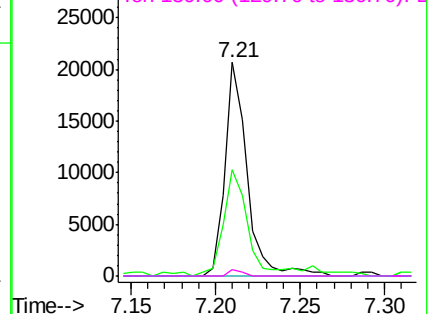
42 49.6 47.2 70.8

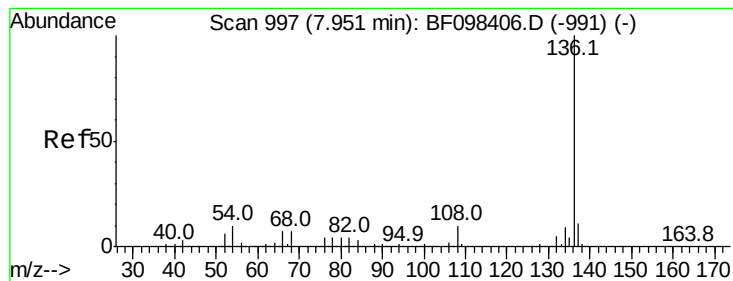
101 0.0 7.2 10.8#

130 2.8 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

Instrument :

BNA_F

ClientSampleId :

G-1DL

Tot Ion:136 Resp: 610504

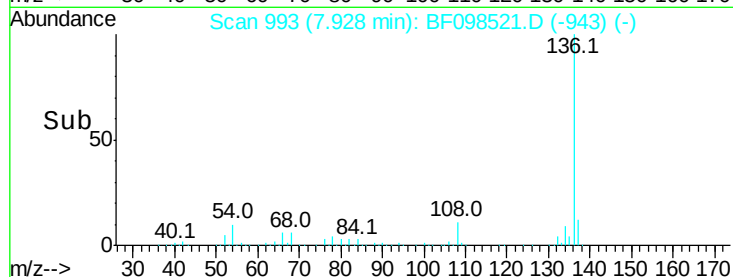
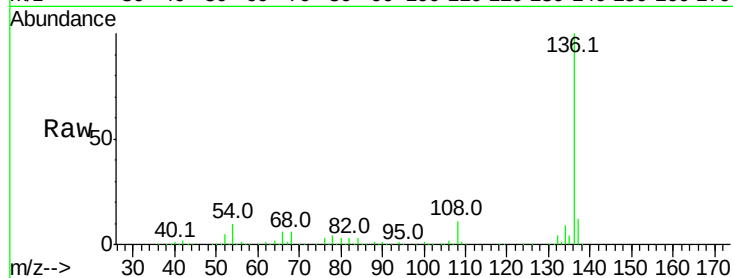
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 9.9 4.9 7.3#

68 6.4 4.1 6.1#

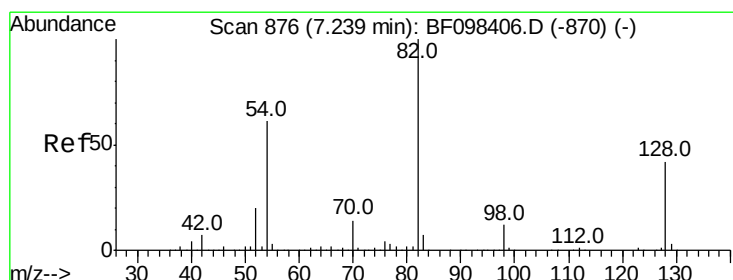
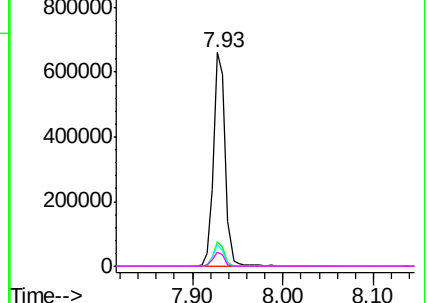


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 13.544 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

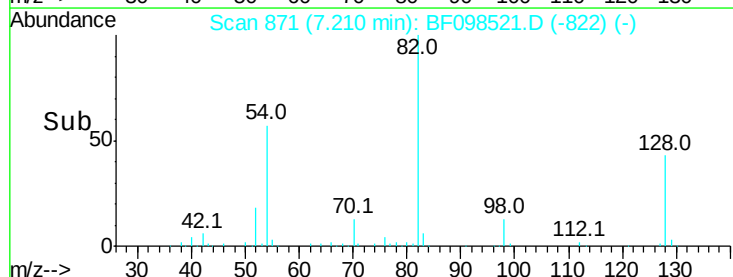
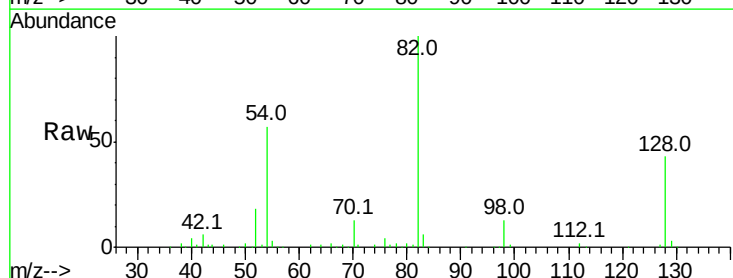
Tgt Ion: 82 Resp: 148320

Ion Ratio Lower Upper

82 100

128 43.3 34.0 51.0

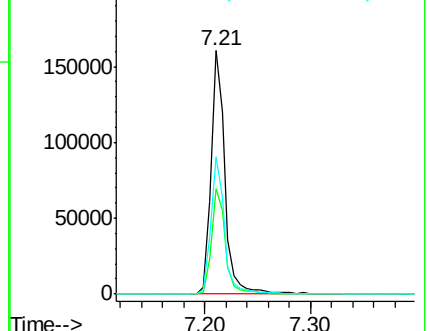
54 56.6 42.2 63.2

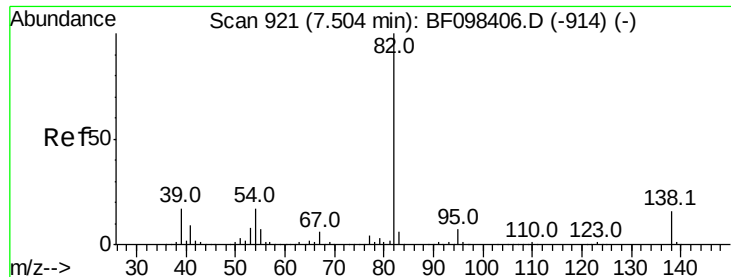


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 6.694 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.28 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

Instrument :

BNA_F

ClientSampleId :

G-1DL

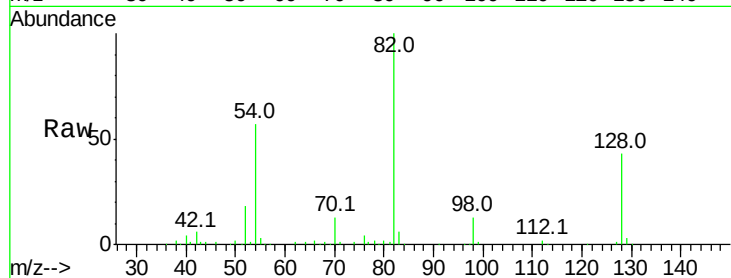
Tot Ion: 82 Resp: 148318

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

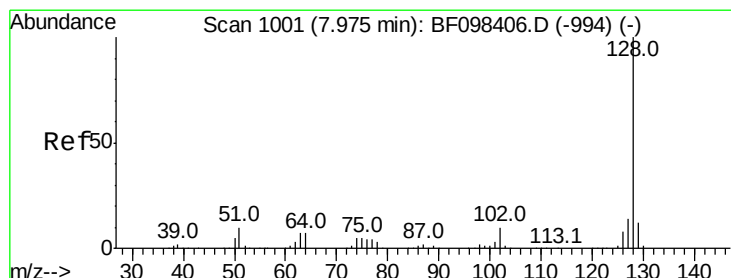
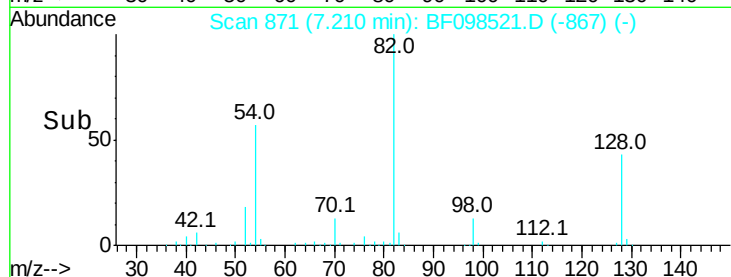
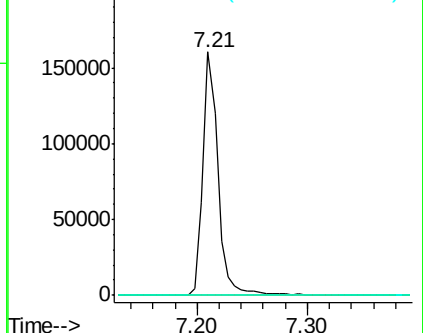
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 2.620 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

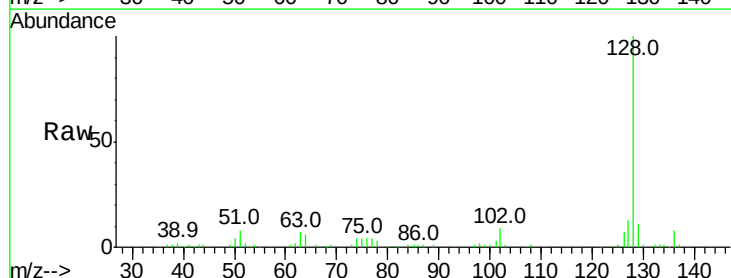
Tgt Ion:128 Resp: 79068

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

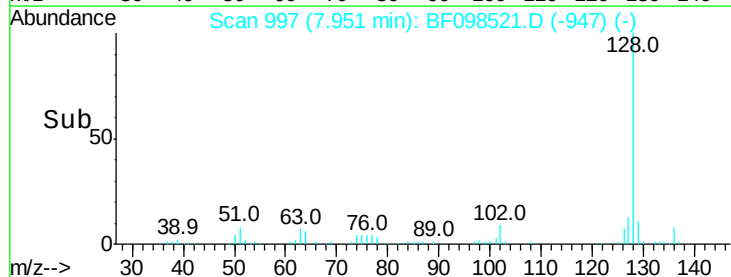
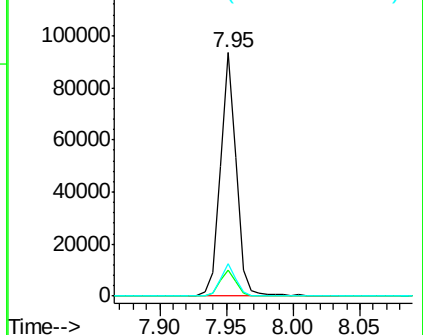
127 13.4 10.8 16.2

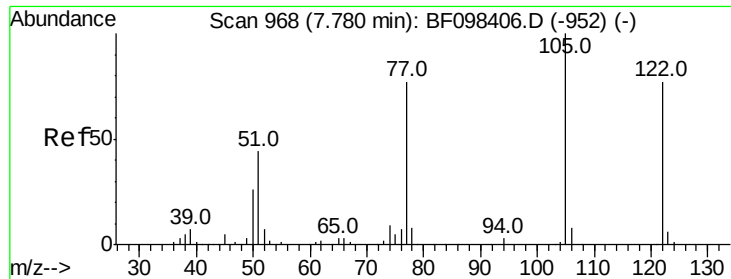


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 8.002 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.05 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

Instrument :

BNA_F

ClientSampleId :

G-1DL

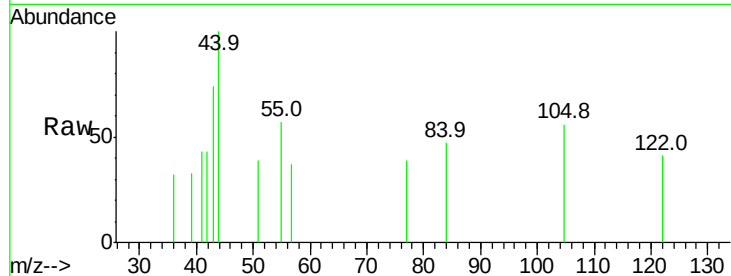
Tot Ion:122 Resp: 250

Ion Ratio Lower Upper

122 100

105 137.5 103.3 143.3

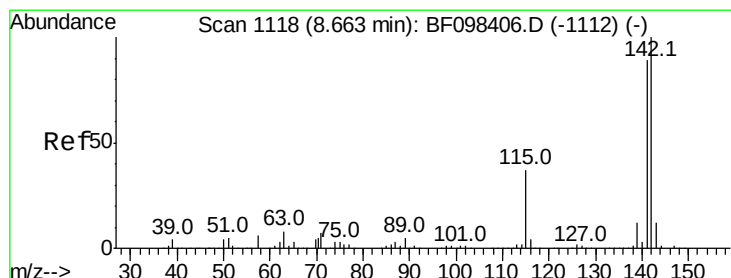
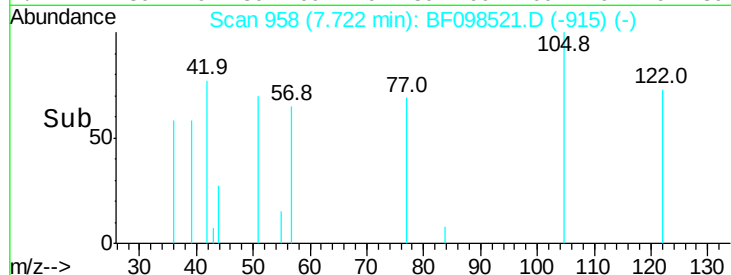
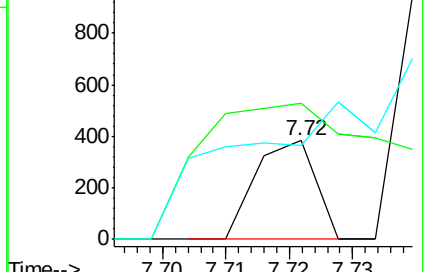
77 95.1 73.7 113.7



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): BF0



#37

2-Methylnaphthalene

Concen: 2.751 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

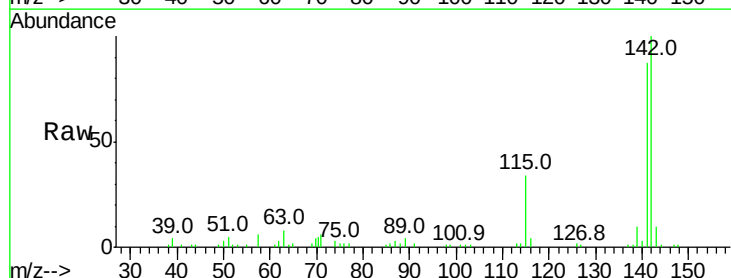
Tgt Ion:142 Resp: 50292

Ion Ratio Lower Upper

142 100

141 87.1 71.3 106.9

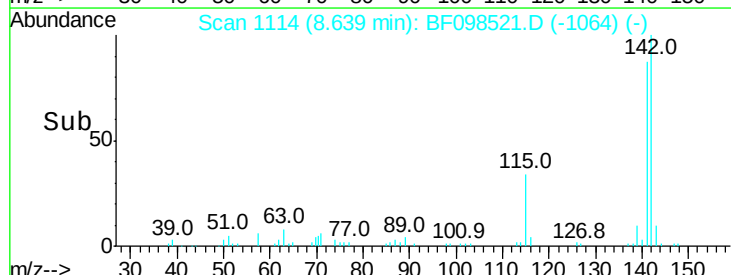
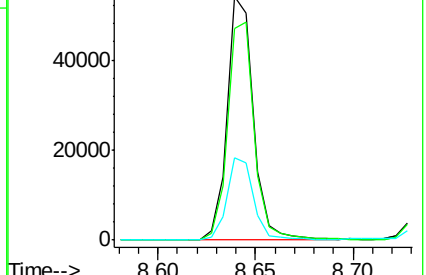
115 33.8 27.1 40.7

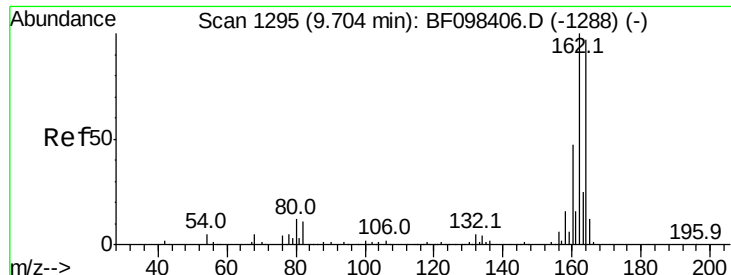


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

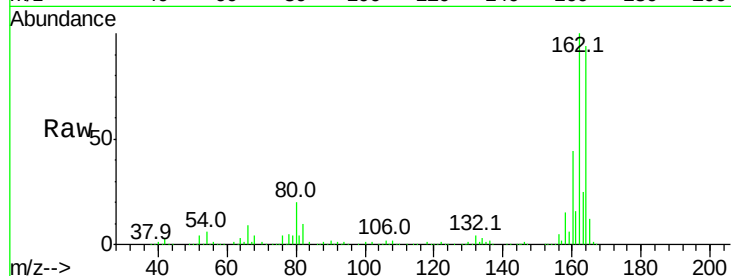




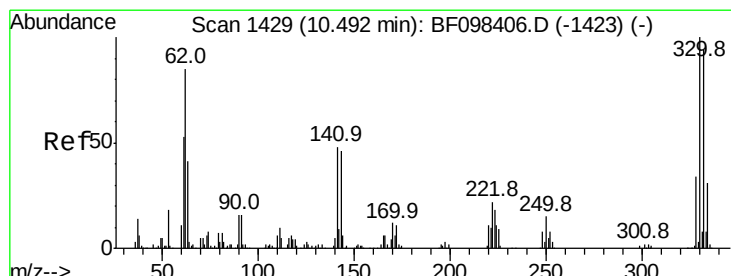
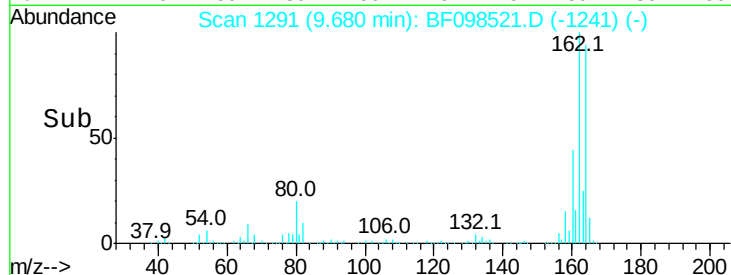
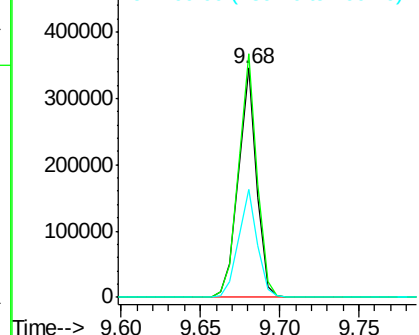
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF098521.D
 Acq: 14 Sep 2017 11:30

Instrument :
 BNA_F
 ClientSampleId :
 G-1DL

Tot Ion:164 Resp: 277678
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.6 123.8
 160 47.0 36.2 54.2

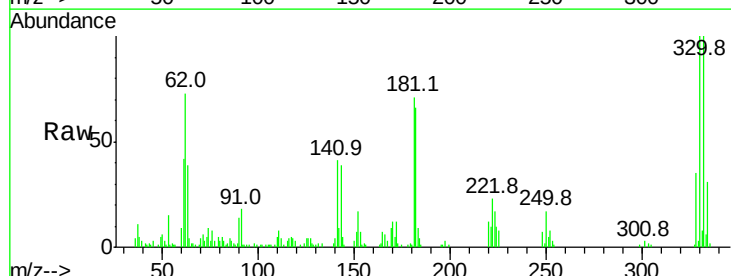


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

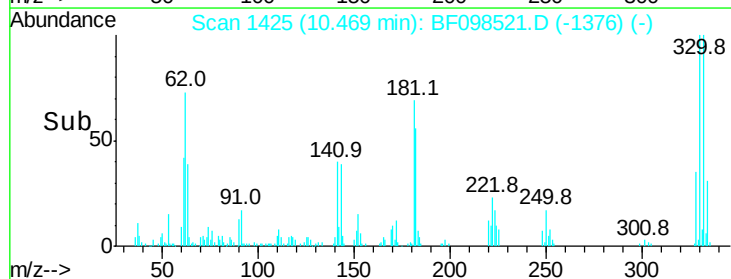
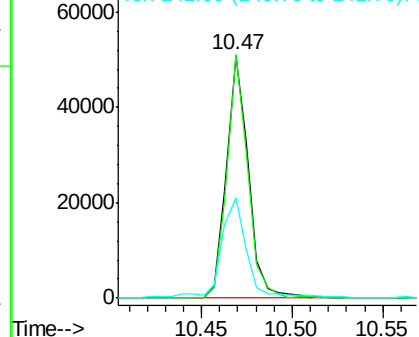


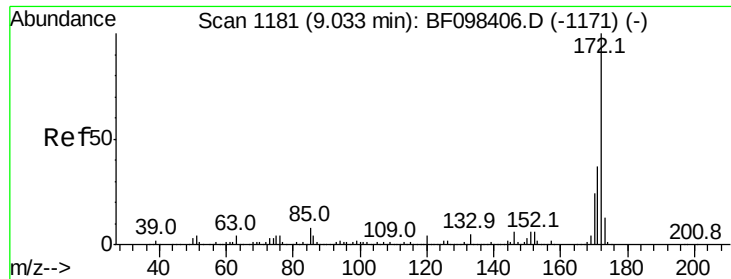
#41
 2,4,6-Tribromophenol
 Concen: 23.155 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF098521.D
 Acq: 14 Sep 2017 11:30

Tgt Ion:330 Resp: 42912
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 49.3 31.4 47.2#



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

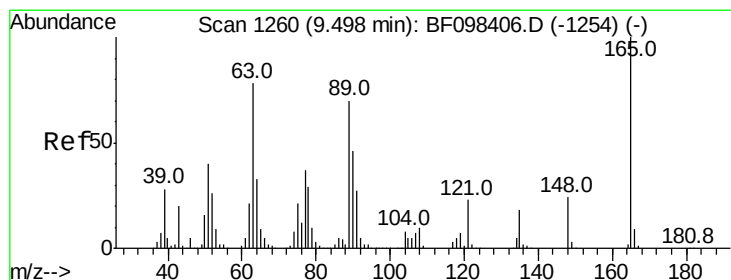
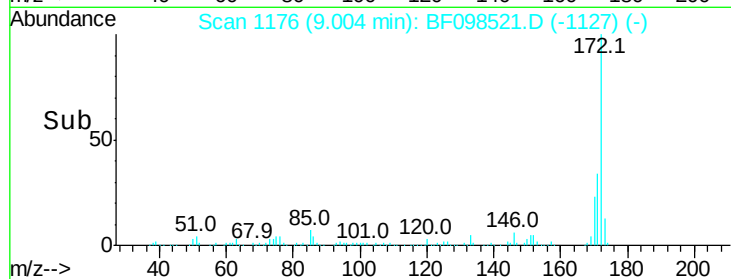
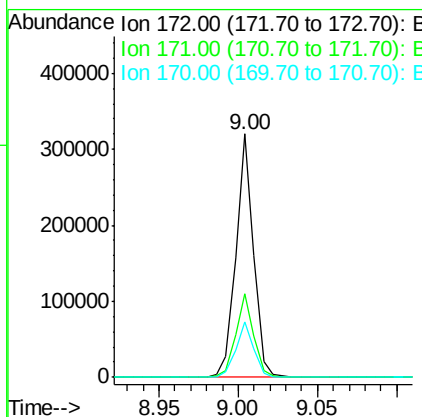
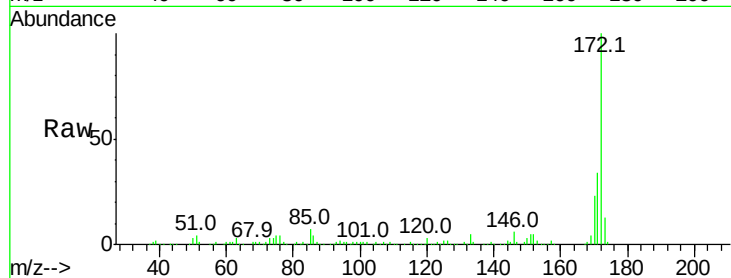




#44
2-Fluorobiphenyl
Concen: 15.172 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF098521.D
Acq: 14 Sep 2017 11:30

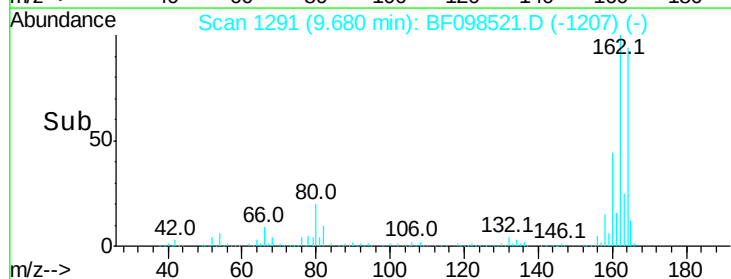
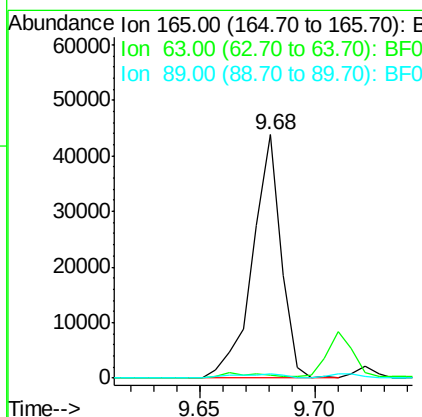
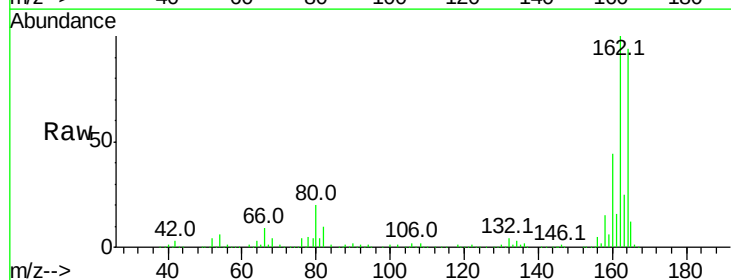
Instrument :
BNA_F
ClientSampleId :
G-1DL

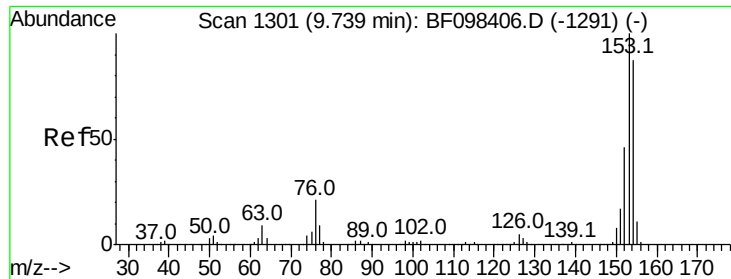
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.6	44.4
170	22.8	19.8	29.8



#50
2,6-Dinitrotoluene
Concen: 8.552 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.19 min
Lab File: BF098521.D
Acq: 14 Sep 2017 11:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.8	37.1	55.7#





#51

Acenaphthene

Concen: 4.258 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

Instrument :

BNA_F

ClientSampleId :

G-1DL

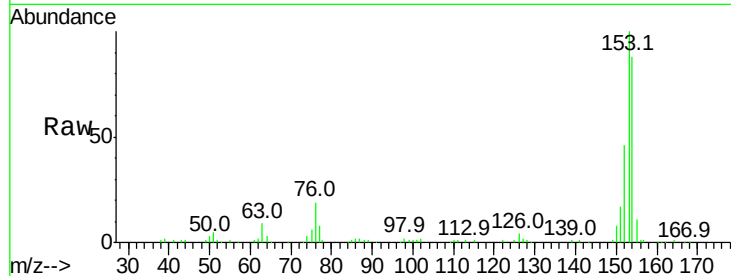
Tot Ion:154 Resp: 71433

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

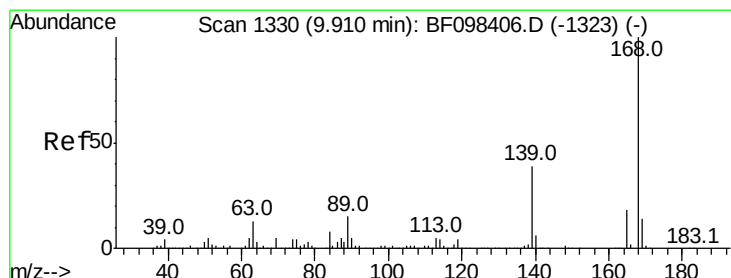
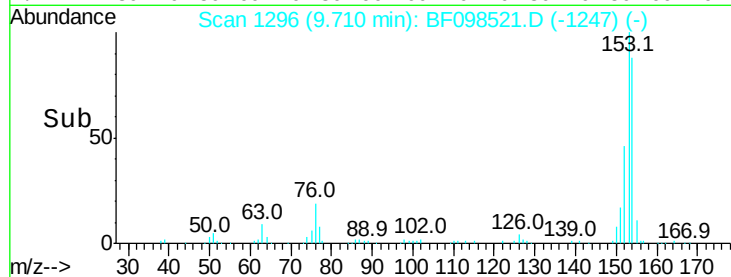
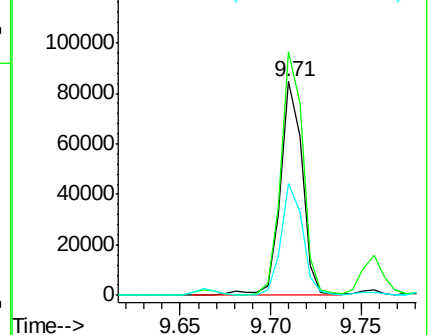
152 52.2 43.6 65.4



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

Dibenzofuran

Concen: 6.366 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

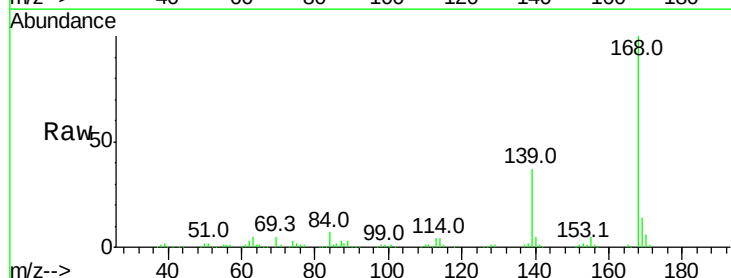
Tgt Ion:168 Resp: 140705

Ion Ratio Lower Upper

168 100

139 37.5 30.6 45.8

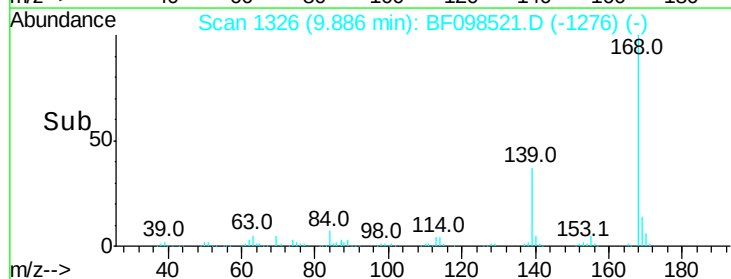
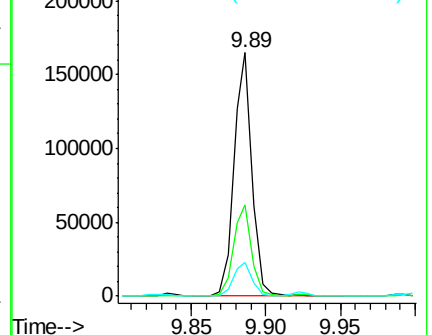
169 14.0 10.8 16.2

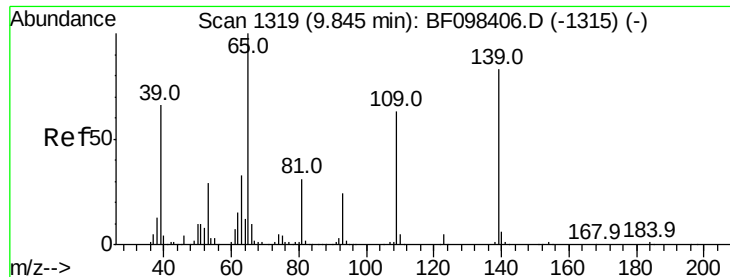


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 17.334 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.05 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

Instrument :

BNA_F

ClientSampleId :

G-1DL

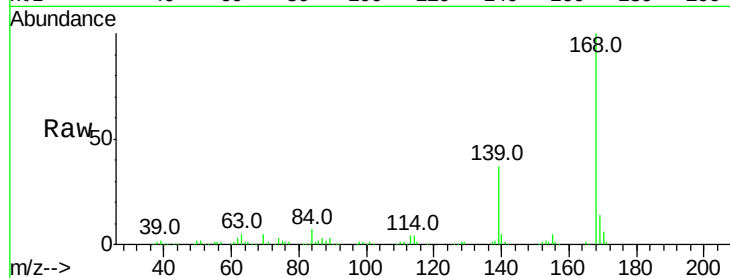
Tot Ion:139 Resp: 53078

Ion Ratio Lower Upper

139 100

109 1.2 34.1 74.1#

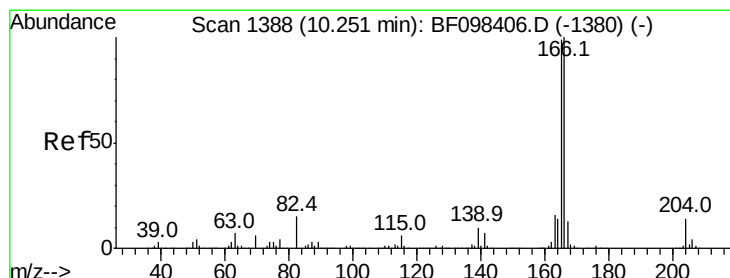
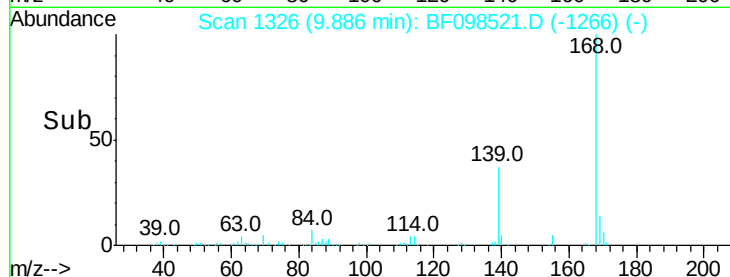
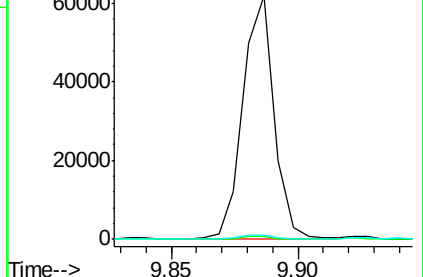
65 1.9 31.4 71.4#



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): E



#57

Fluorene

Concen: 6.162 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

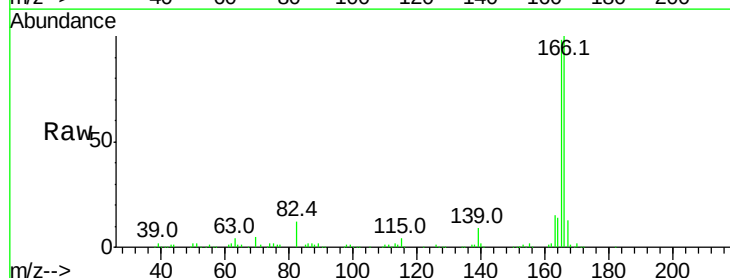
Tgt Ion:166 Resp: 112725

Ion Ratio Lower Upper

166 100

165 98.4 78.8 118.2

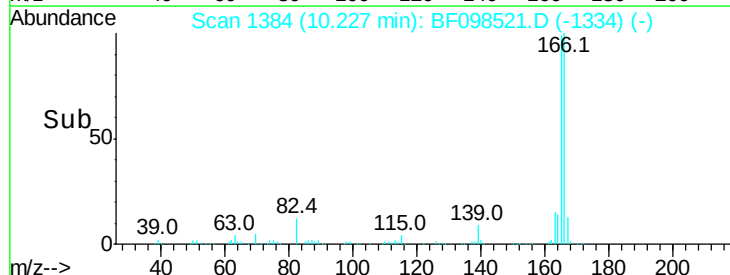
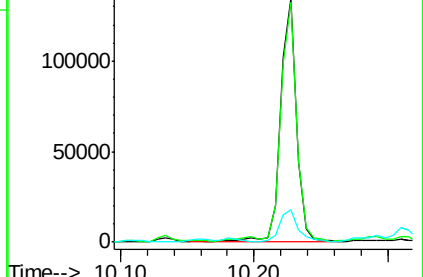
167 13.4 10.6 16.0

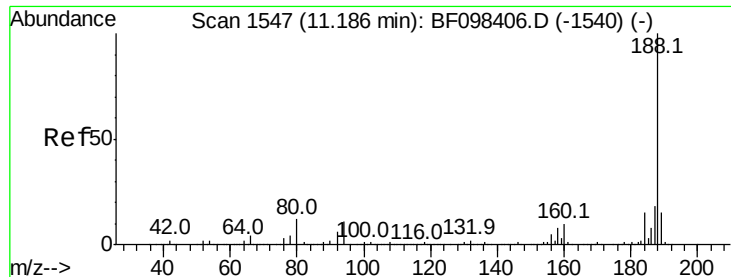


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

Instrument :

BNA_F

ClientSampleId :

G-1DL

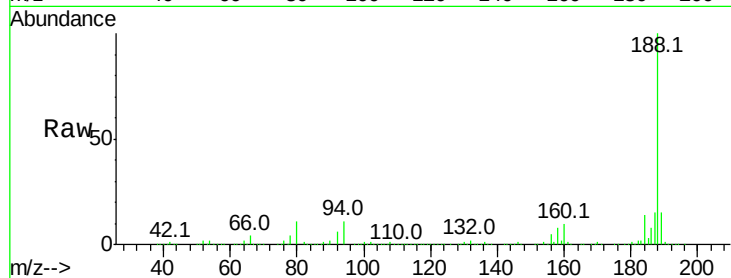
Tot Ion:188 Resp: 521101

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

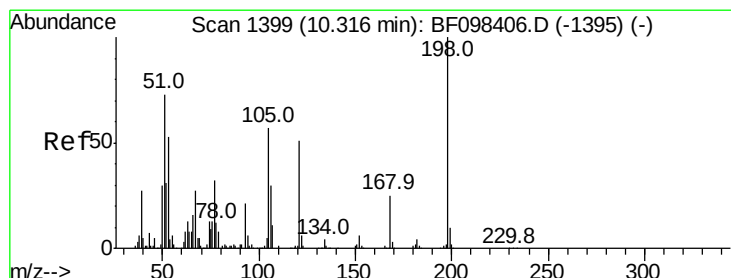
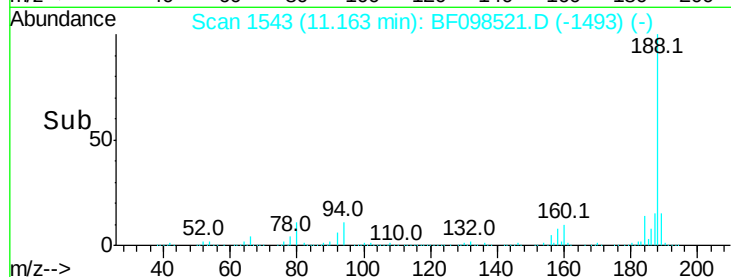
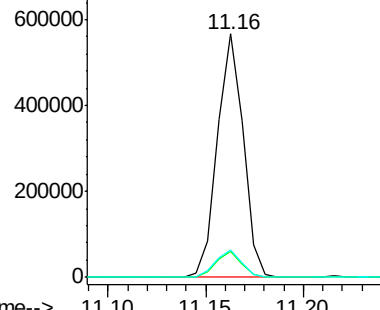
80 11.0 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 4.996 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.17 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

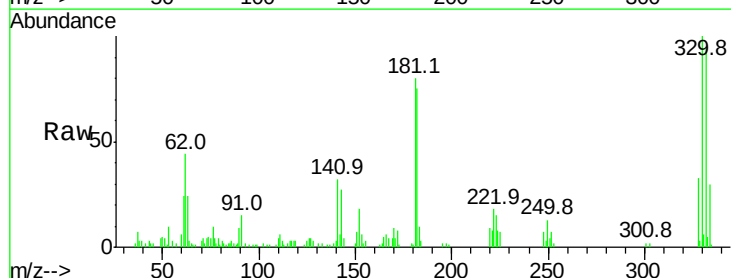
Tgt Ion:198 Resp: 113

Ion Ratio Lower Upper

198 100

51 439.5 53.2 93.2#

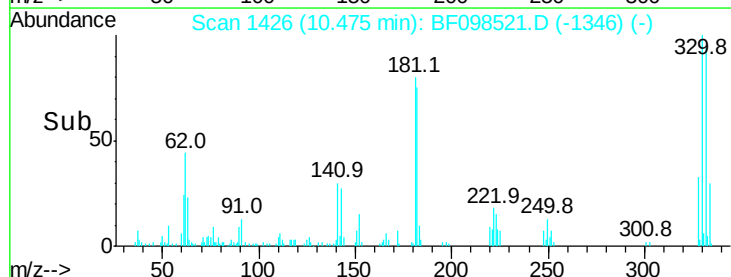
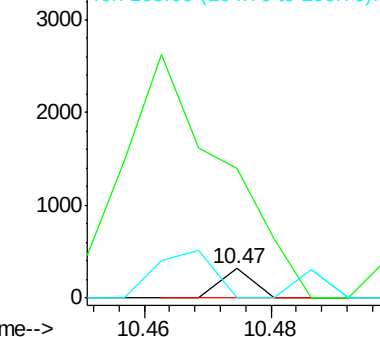
105 0.0 45.8 85.8#

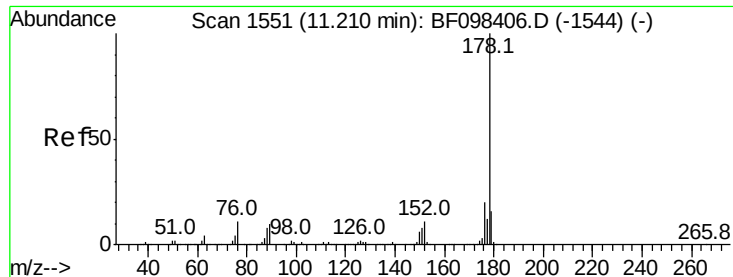


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

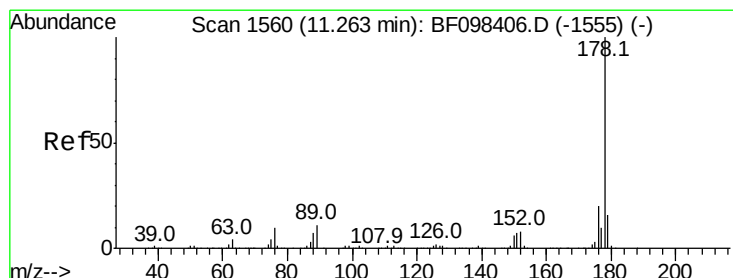
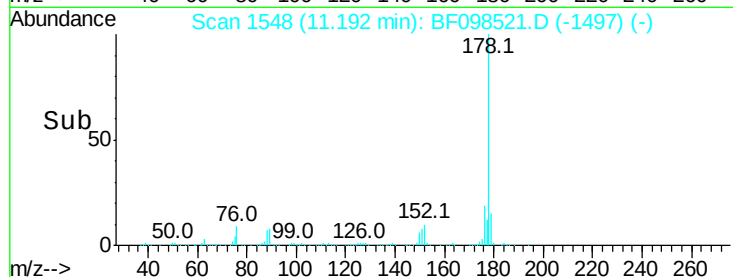
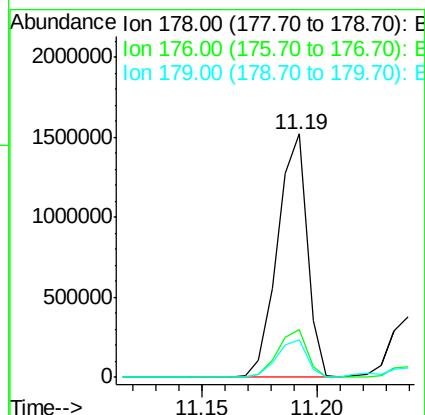
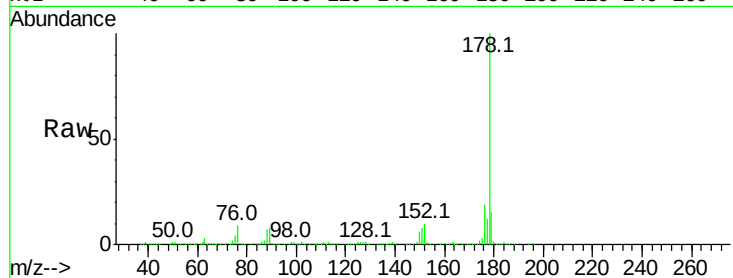




#70
Phenanthrene
Concen: 49.120 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF098521.D
Acq: 14 Sep 2017 11:30

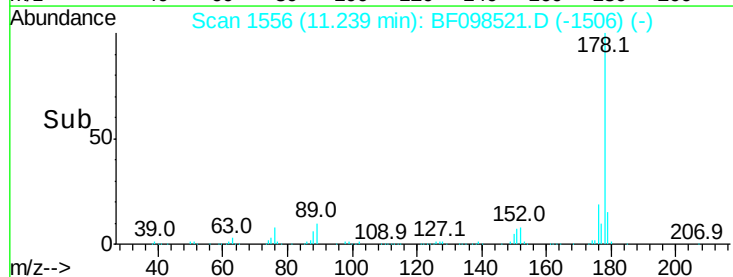
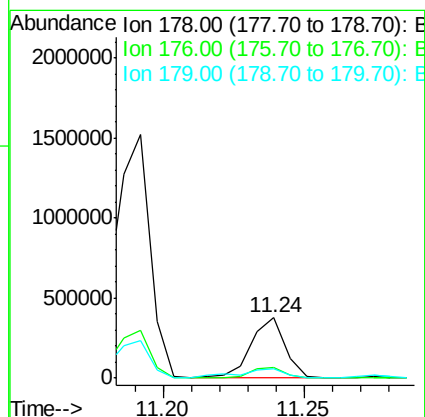
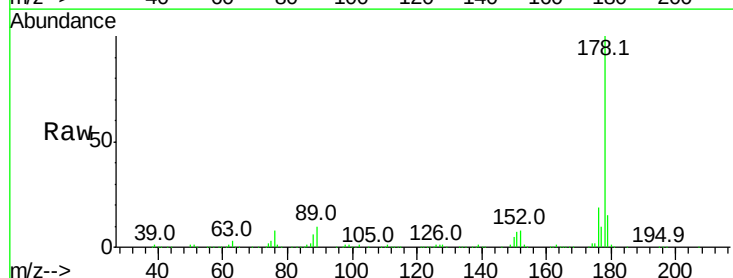
Instrument :
BNA_F
ClientSampleId :
G-1DL

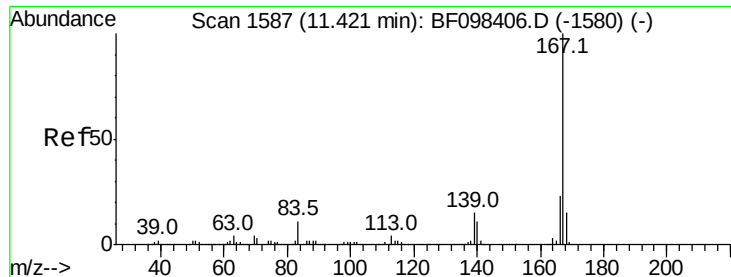
Tot Ion:178 Resp: 1356945
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 15.5 12.6 19.0



#71
Anthracene
Concen: 11.077 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF098521.D
Acq: 14 Sep 2017 11:30

Tgt Ion:178 Resp: 314186
Ion Ratio Lower Upper
178 100
176 18.6 15.8 23.8
179 15.0 12.7 19.1





#72

Carbazole

Concen: 4.779 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

Instrument :

BNA_F

ClientSampleId :

G-1DL

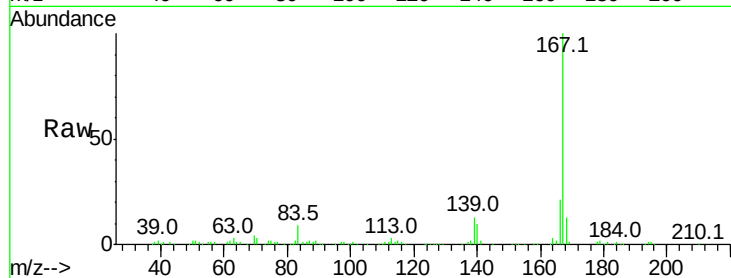
Tot Ion:167 Resp: 126320

Ion Ratio Lower Upper

167 100

166 21.4 18.1 27.1

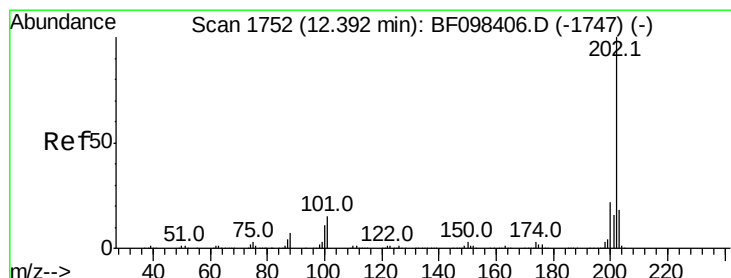
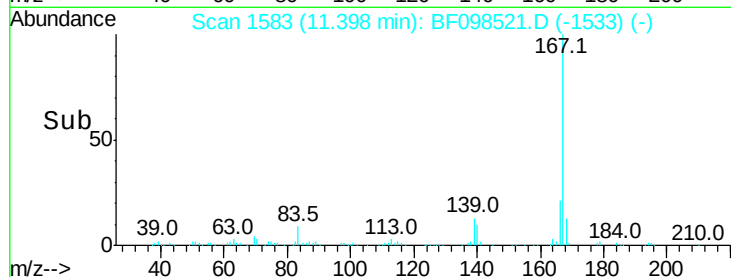
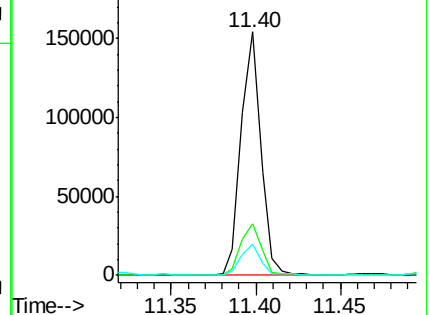
139 13.0 11.7 17.5



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: 42.932 ng

RT: 12.37 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

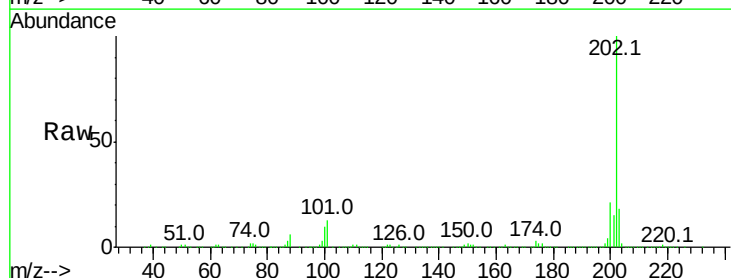
Tgt Ion:202 Resp: 1187281

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

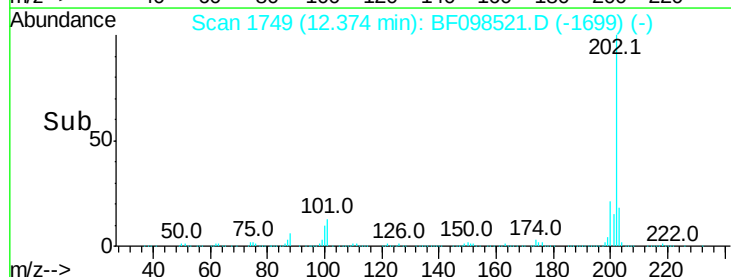
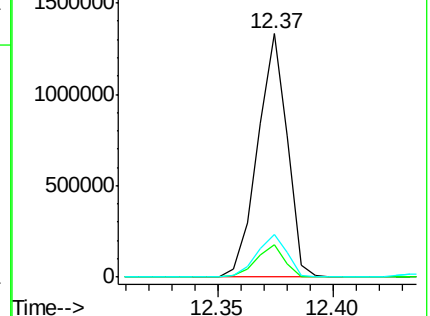
203 17.6 0.0 38.1

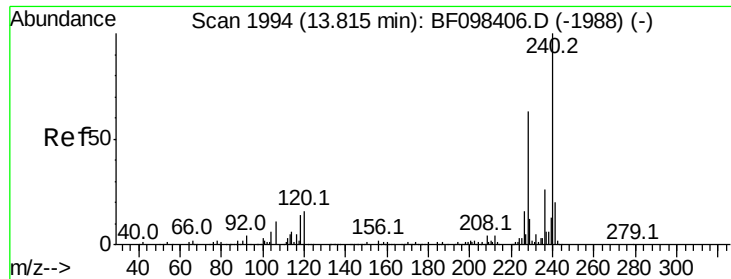


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

Instrument :

BNA_F

ClientSampleId :

G-1DL

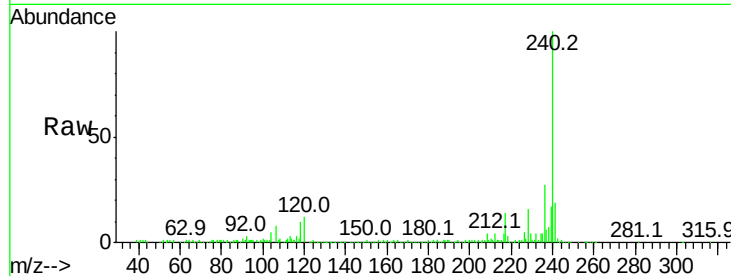
Tot Ion:240 Resp: 290556

Ion Ratio Lower Upper

240 100

120 11.7 5.8 8.8#

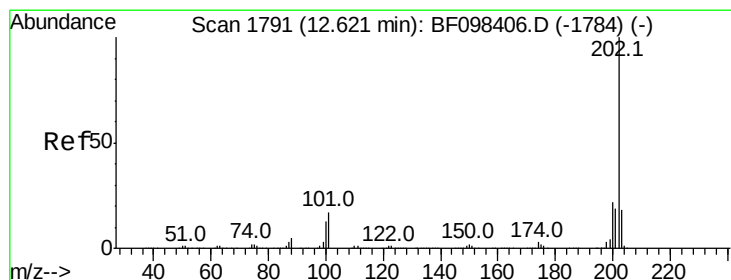
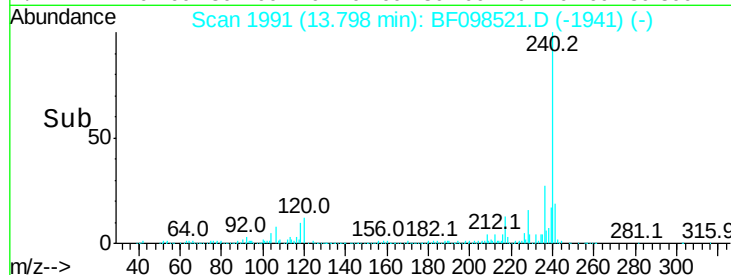
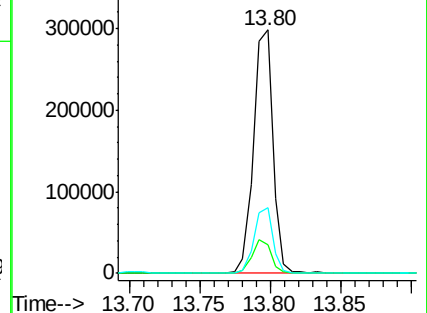
236 26.8 20.5 30.7



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: 42.884 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

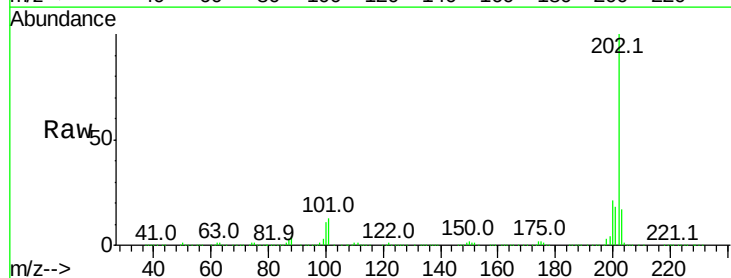
Tgt Ion:202 Resp: 982941

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

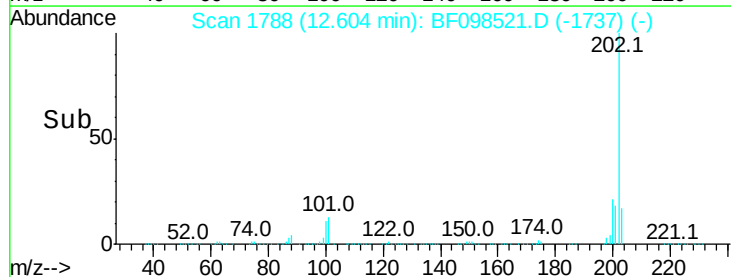
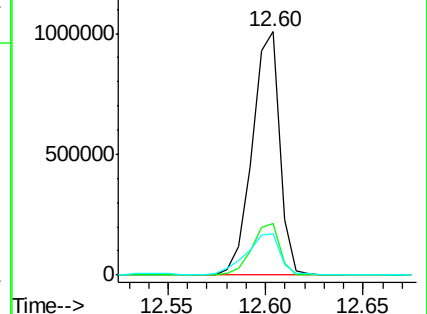
203 17.1 14.4 21.6

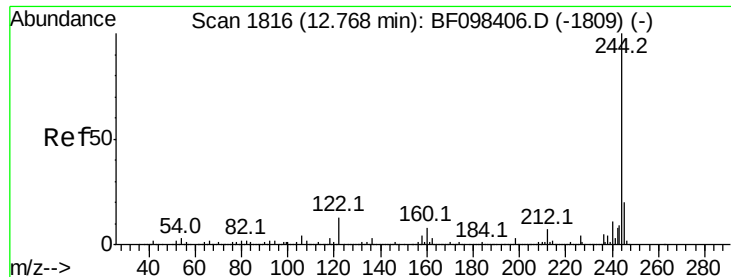


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 13.837 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

Instrument :

BNA_F

ClientSampleId :

G-1DL

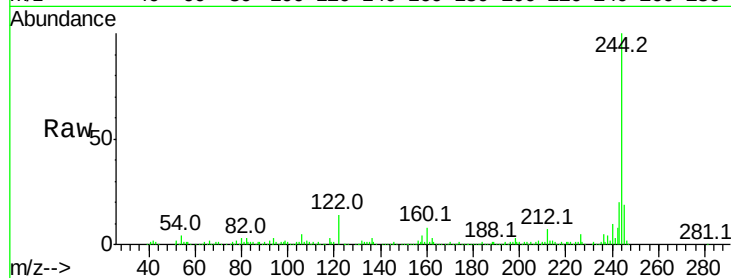
Tot Ion:244 Resp: 186266

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

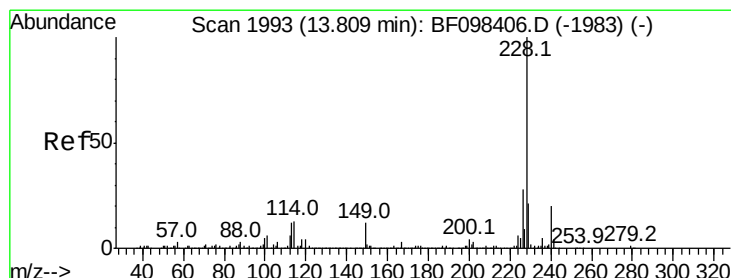
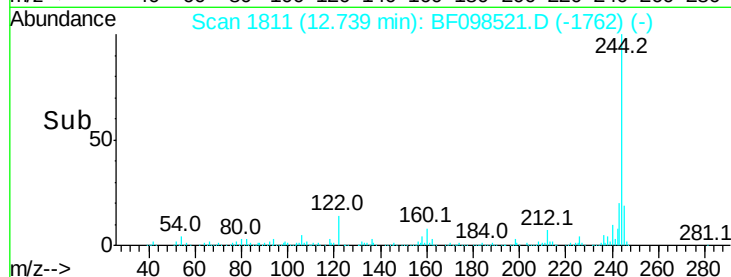
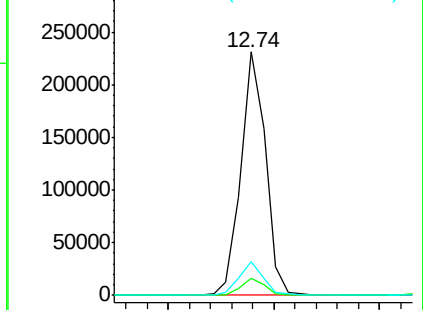
122 13.8 10.3 15.5



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: 18.015 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

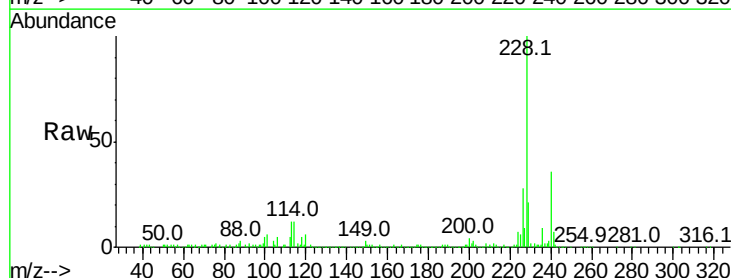
Tgt Ion:228 Resp: 306889

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

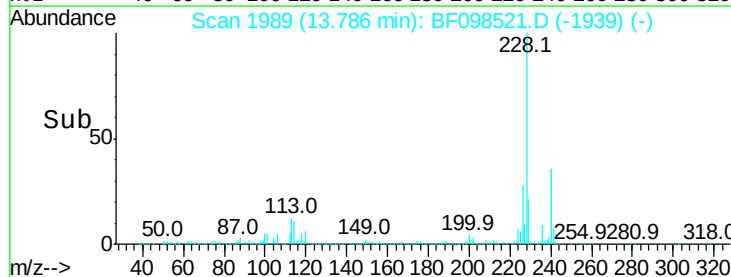
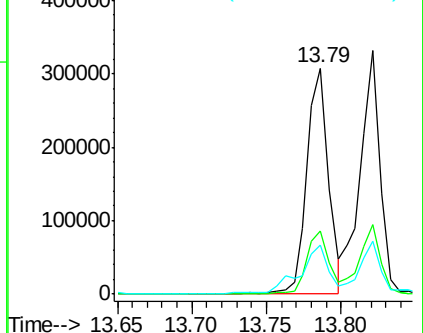
229 21.5 16.3 24.5

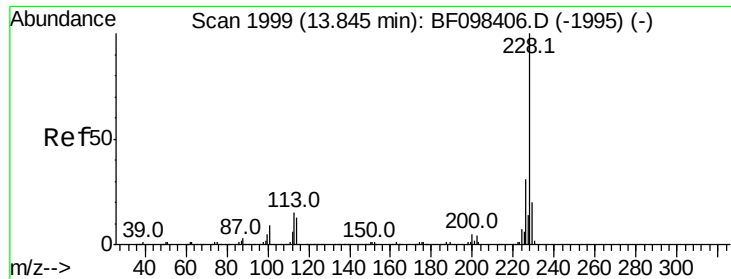


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 17.830 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

Instrument :

BNA_F

ClientSampleId :

G-1DL

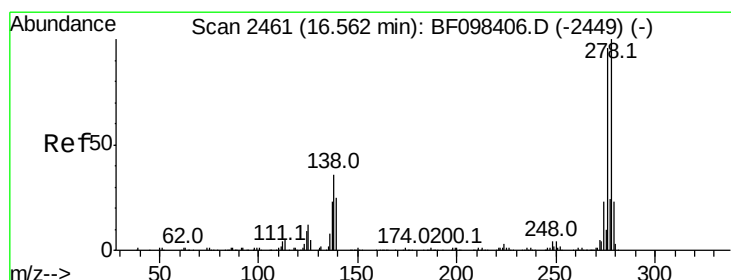
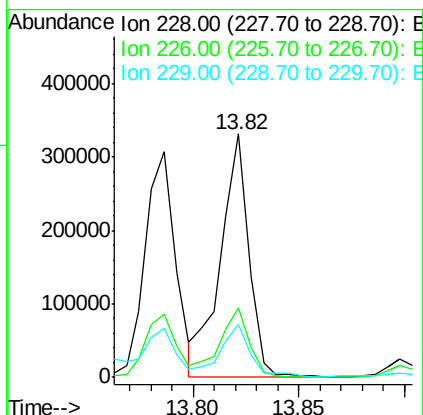
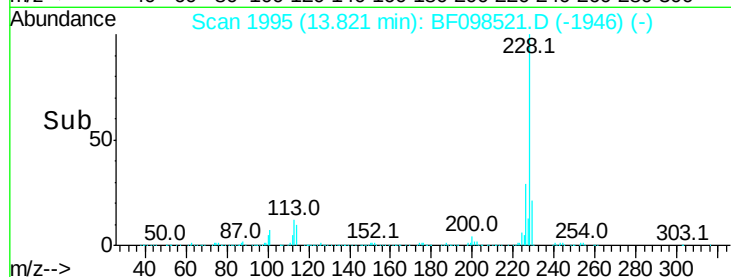
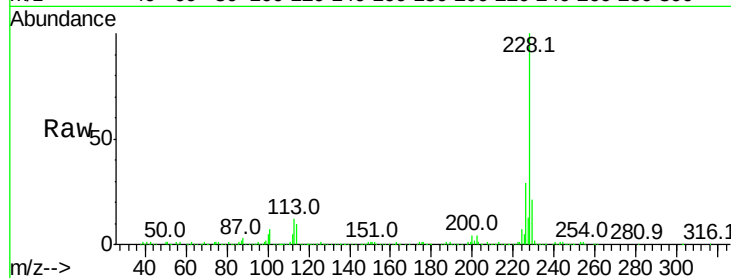
Tot Ion:228 Resp: 307012

Ion Ratio Lower Upper

228 100

226 28.8 24.9 37.3

229 21.5 15.8 23.6



#85

Indeno(1,2,3-cd)pyrene

Concen: 13.871 ng

RT: 16.52 min Scan# 2454

Delta R.T. -0.02 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

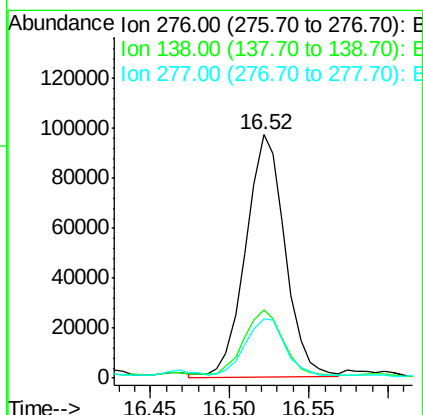
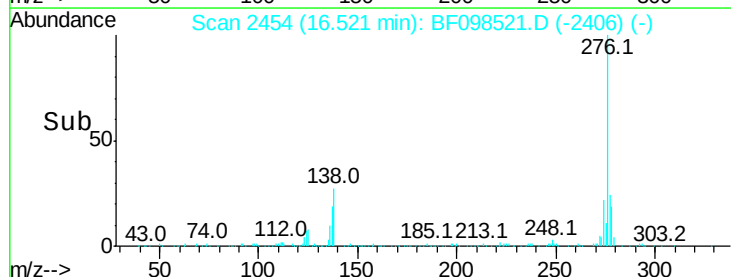
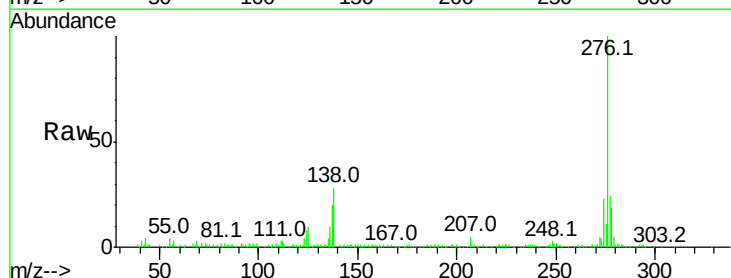
Tgt Ion:276 Resp: 167575

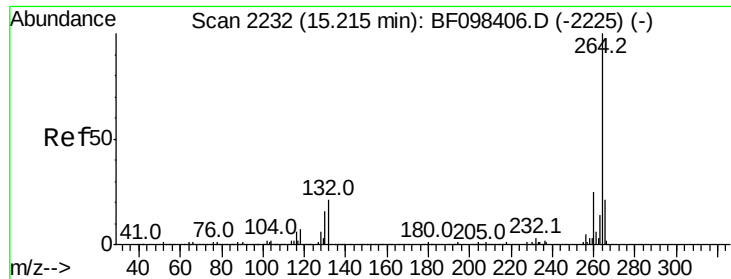
Ion Ratio Lower Upper

276 100

138 29.1 27.8 41.6

277 23.8 20.2 30.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.19 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

Instrument :

BNA_F

ClientSampleId :

G-1DL

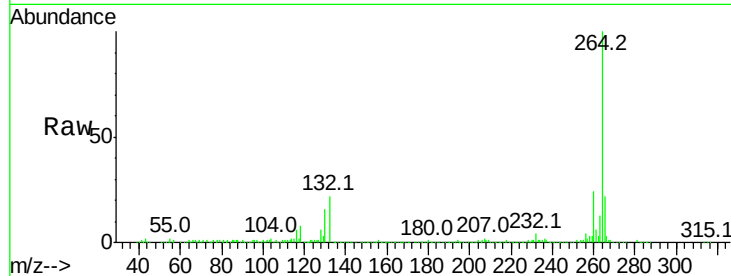
Tot Ion:264 Resp: 306353

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

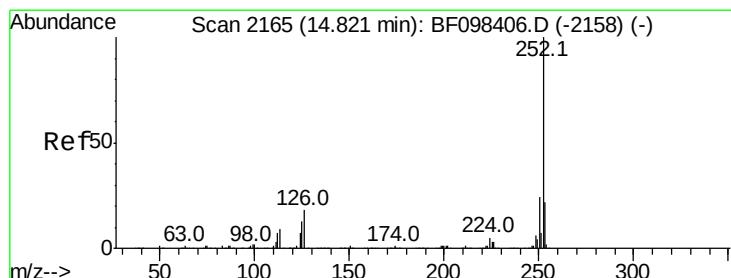
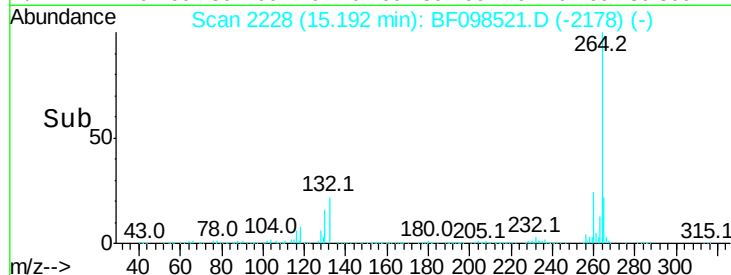
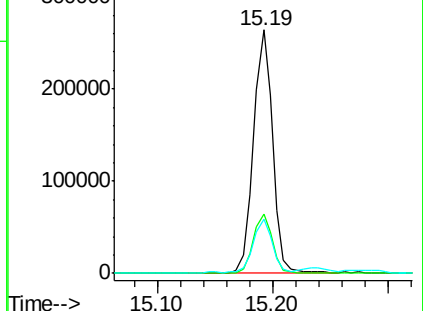
265 22.3 17.2 25.8



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: 24.624 ng

RT: 14.80 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF098521.D

Acq: 14 Sep 2017 11:30

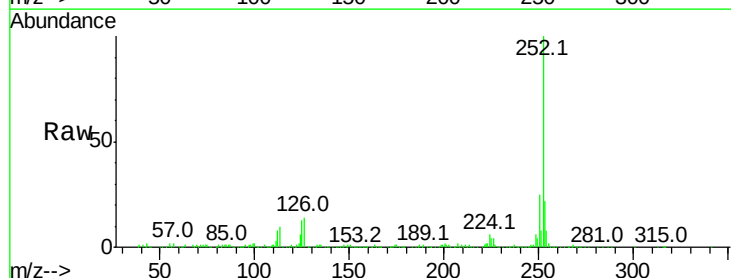
Tgt Ion:252 Resp: 474326

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

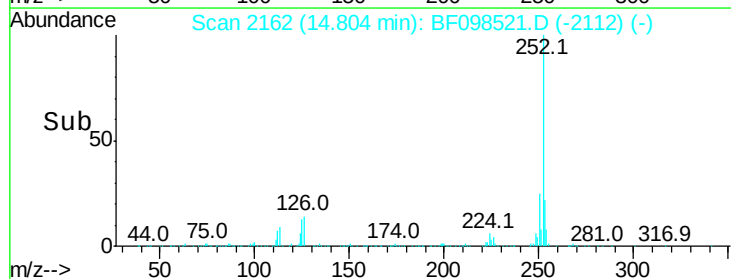
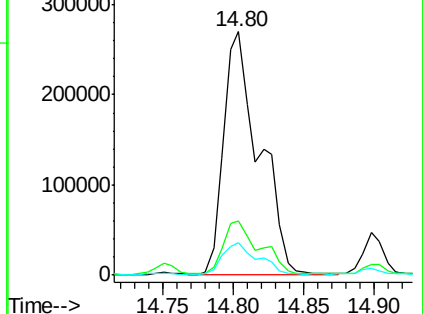
125 13.4 9.8 14.8

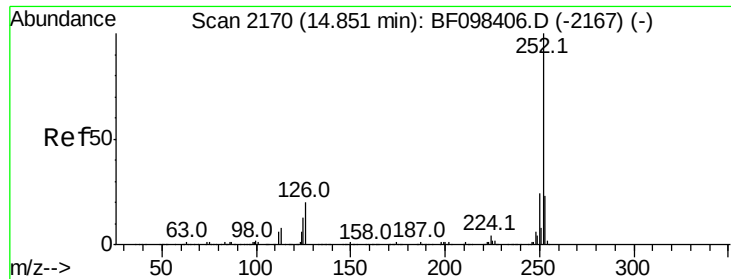


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

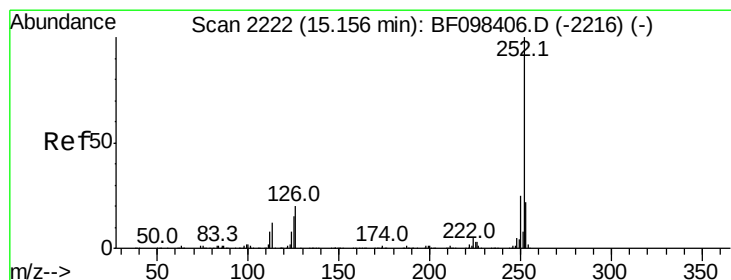
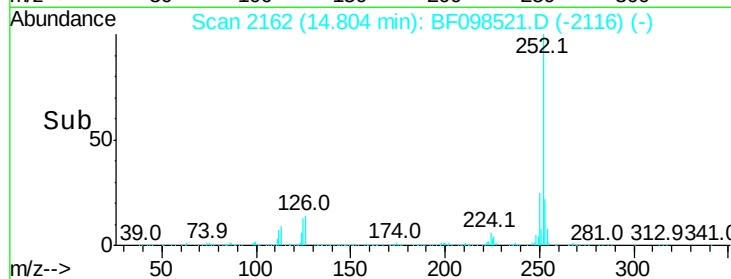
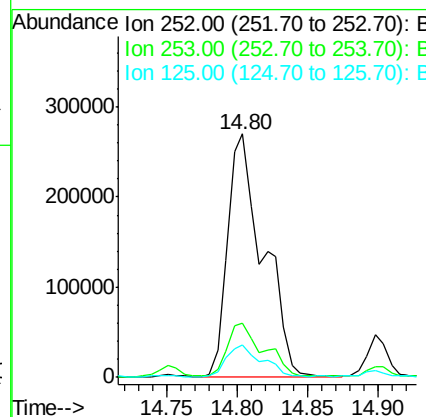
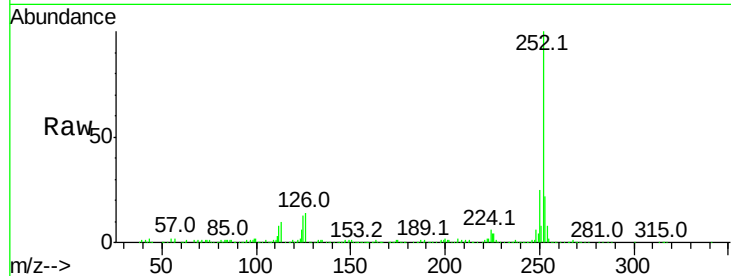




#88
Benzo(k)fluoranthene
Concen: 26.377 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.03 min
Lab File: BF098521.D
Acq: 14 Sep 2017 11:30

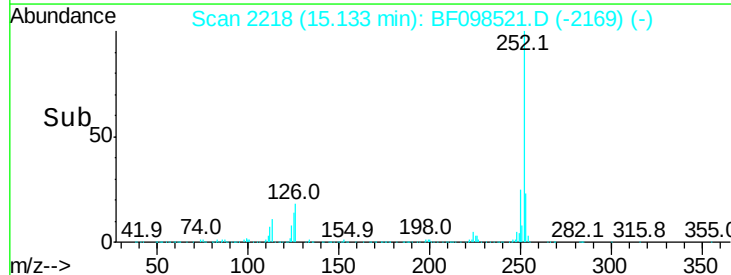
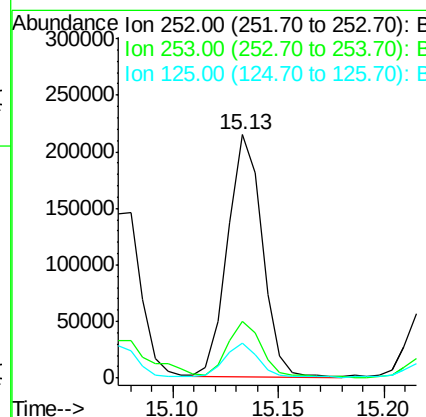
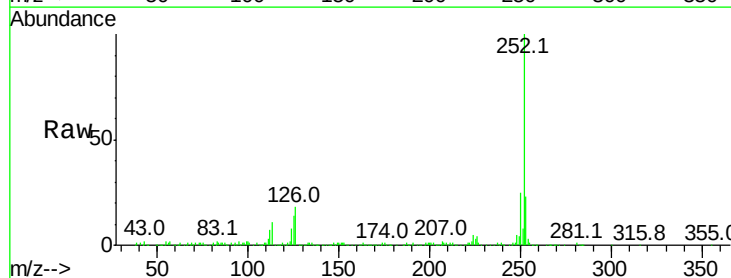
Instrument :
BNA_F
ClientSampleId :
G-1DL

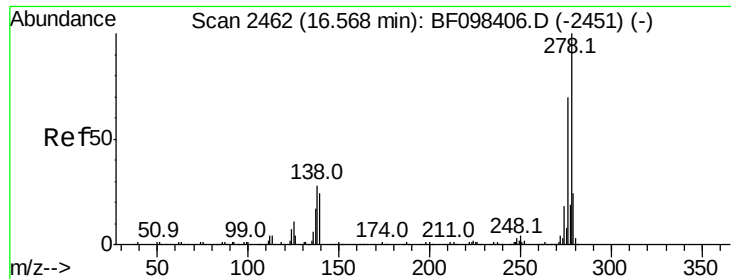
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	13.4	13.1	19.7



#89
Benzo(a)pyrene
Concen: 14.156 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098521.D
Acq: 14 Sep 2017 11:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	14.5	11.0	16.4



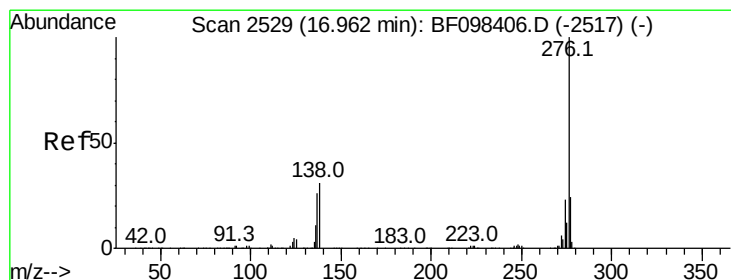
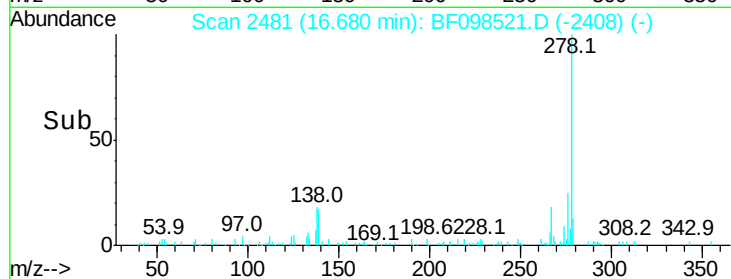
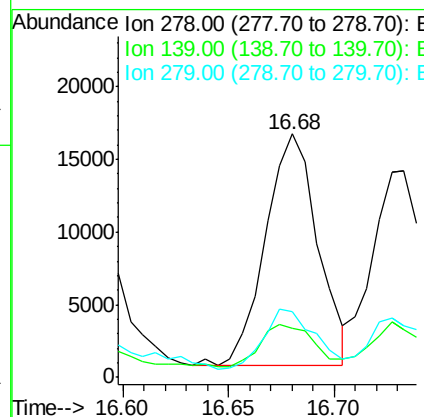
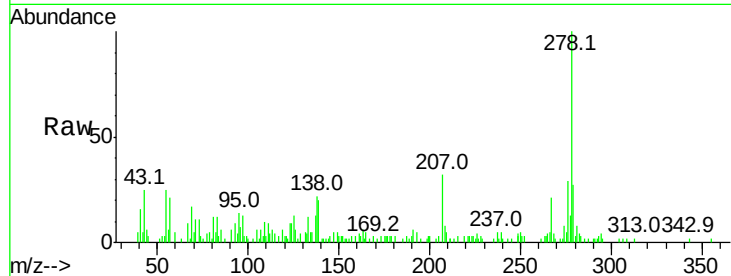


#90
Dibenzo(a,h)anthracene
Concen: 2.190 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.13 min
Lab File: BF098521.D
Acq: 14 Sep 2017 11:30

Instrument :
BNA_F
ClientSampleId :
G-1DL

Tot Ion:278 Resp: 27338

Ion	Ratio	Lower	Upper
278	100		
139	20.2	16.6	24.8
279	27.2	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 13.129 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.02 min
Lab File: BF098521.D
Acq: 14 Sep 2017 11:30

Tgt Ion:276 Resp: 164847

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	27.3	25.4	38.0

