

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091517\
 Data File : BF098566.D
 Acq On : 15 Sep 2017 13:43
 Operator : SJ/JU
 Sample : I5159-06DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-9-1DL

Quant Time: Sep 15 15:04:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 15 13:23:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	125106	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	502017	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	207391	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	317897	20.00	ng	0.00
75) Chrysene-d12	13.80	240	248978	20.00	ng	0.00
86) Perylene-d12	15.21	264	264517	20.00	ng	0.01

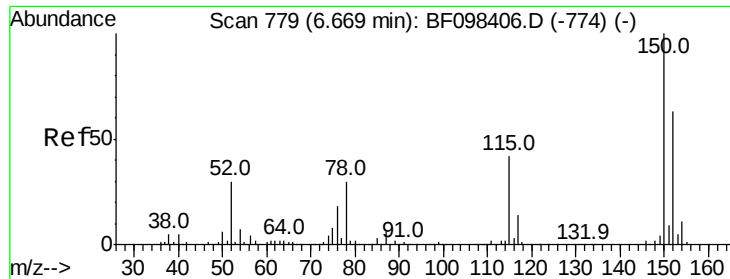
System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	508072	60.04	ng	0.00
7) Phenol-d6	6.30	99	624633	58.14	ng	0.00
23) Nitrobenzene-d5	7.21	82	373927	41.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	90594	65.45	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	678764	55.47	ng	0.00
78) Terphenyl-d14	12.75	244	437068	37.89	ng	0.00

Target Compounds

						Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	47583	7.041	ng	# 81
25) Isophorone	7.21	82	371160	20.372	ng	# 67
31) Naphthalene	7.95	128	180284	7.264	ng	# 99
32) Benzoic acid	7.75	122	1570	8.217	ng	# 29
33) 4-Chloroaniline	7.95	127	23262	2.306	ng	# 32
37) 2-Methylnaphthalene	8.64	142	109616	7.292	ng	# 99
45) 1,1'-Biphenyl	9.10	154	43155	2.325	ng	# 96
48) Acenaphthylene	9.54	152	81473	4.133	ng	# 96
49) Dimethylphthalate	9.40	163	81562	5.081	ng	# 98
51) Acenaphthene	9.71	154	32175	2.568	ng	# 98
53) 2,4-Dinitrophenol	9.97	184	119	8.593	ng	# 30
54) Dibenzofuran	9.89	168	134803	8.167	ng	# 99
55) 4-Nitrophenol	9.89	139	51550	22.540	ng	# 28
57) Fluorene	10.23	166	35535	2.601	ng	# 98
64) 4,6-Dinitro-2-methylphenol	10.49	198	379	5.139	ng	# 39
66) 4-Bromophenyl-phenylether	10.47	248	6678	2.213	ng	# 1
70) Phenanthrene	11.19	178	400466	23.763	ng	# 98
71) Anthracene	11.24	178	179708	10.386	ng	# 96
72) Carbazole	11.40	167	68802	4.267	ng	# 97
74) Fluoranthene	12.37	202	836564	49.587	ng	# 98
77) Pyrene	12.60	202	776654	39.542	ng	# 99
80) Benzo(a)anthracene	13.79	228	428496	29.355	ng	# 98
82) Chrysene	13.83	228	476641	32.303	ng	# 98
83) Bis(2-ethylhexyl)phthalate	13.79	149	48686	4.553	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.40	276	34732	3.355	ng	# 95
87) Benzo(b)fluoranthene	14.82	252	849656	51.085	ng	# 99
88) Benzo(k)fluoranthene	14.82	252	849656	54.721	ng	# 96
89) Benzo(a)pyrene	15.15	252	257962	17.409	ng	# 97
90) Dibenzo(a,h)anthracene	16.76	278	37420	3.472	ng	# 97
91) Benzo(g,h,i)perylene	16.95	276	154154	14.219	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Instrument :

BNA_F

ClientSampleId :

G-9-1DL

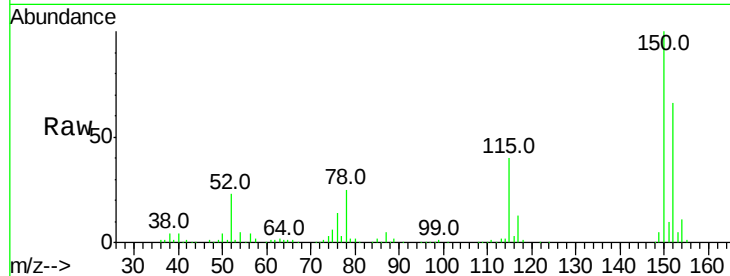
Tot Ion:152 Resp: 125106

Ion Ratio Lower Upper

152 100

150 151.9 126.2 189.2

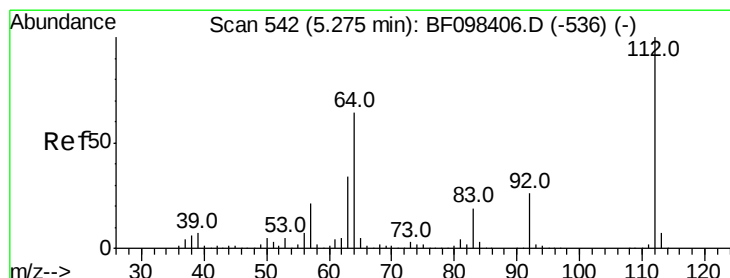
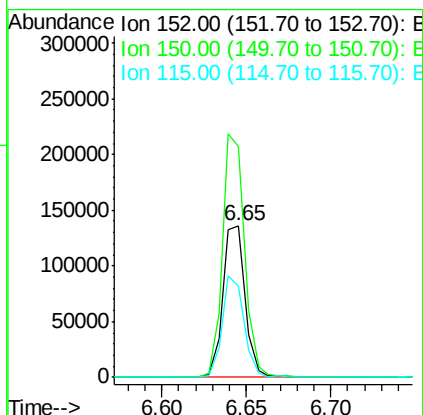
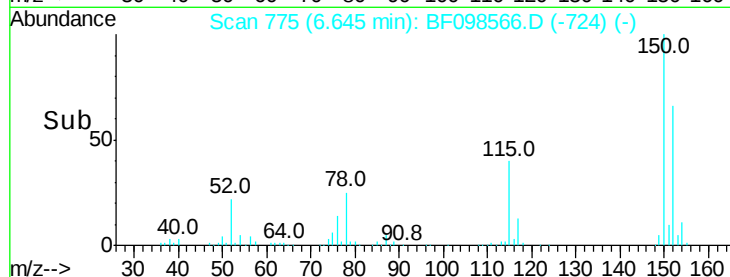
115 60.6 52.2 78.2



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: 60.045 ng

RT: 5.25 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

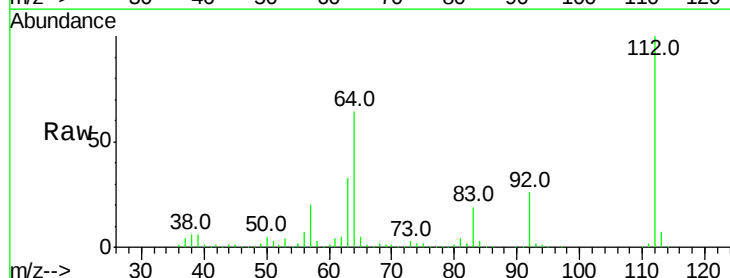
Tgt Ion:112 Resp: 508072

Ion Ratio Lower Upper

112 100

64 64.0 46.0 69.0

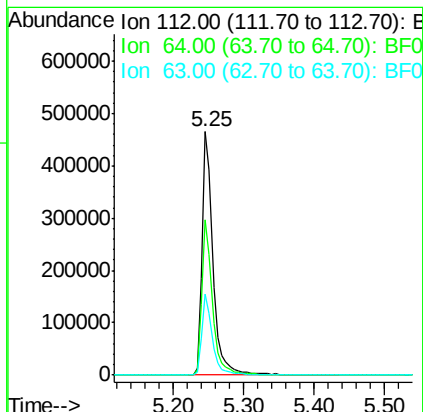
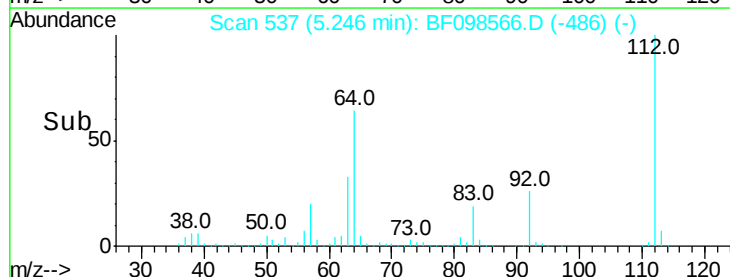
63 33.1 23.4 35.0

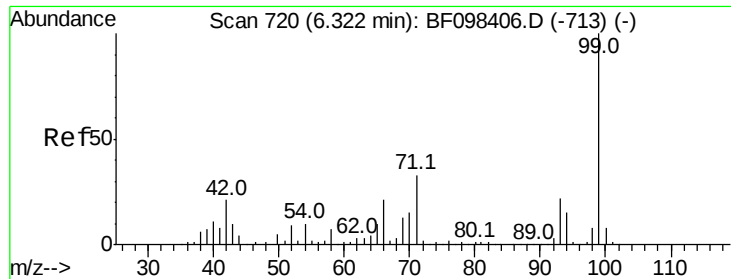


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 58.142 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Instrument :

BNA_F

ClientSampleId :

G-9-1DL

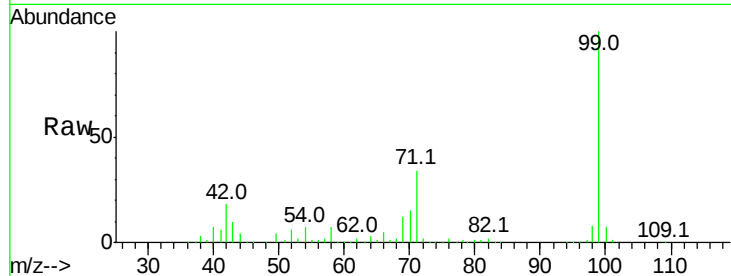
Tot Ion: 99 Resp: 624633

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

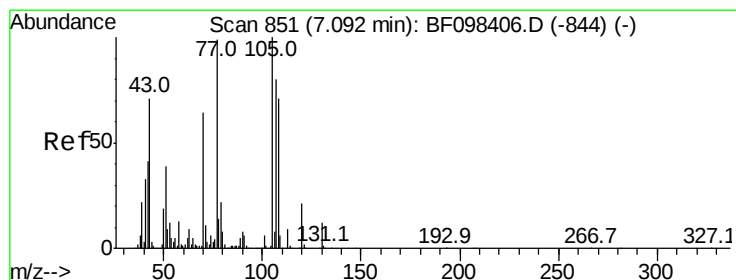
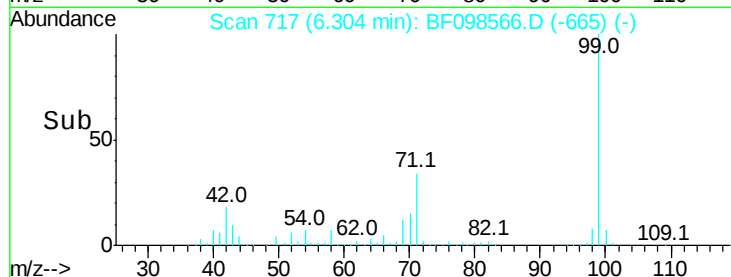
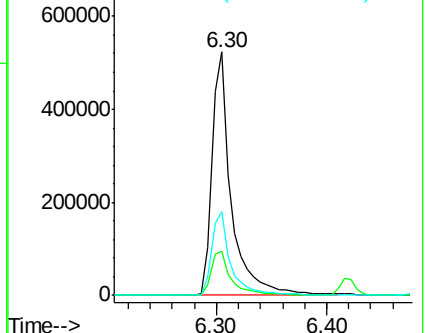
71 34.3 24.5 36.7



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: 7.041 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.14 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Tgt Ion: 70 Resp: 47583

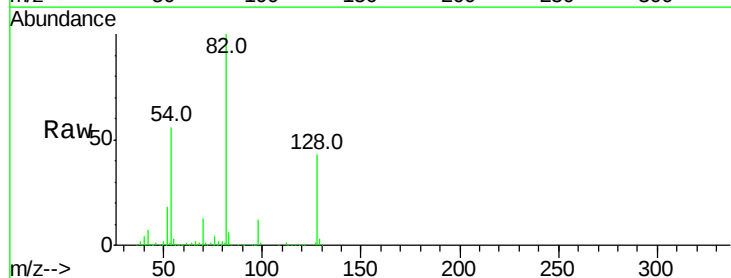
Ion Ratio Lower Upper

70 100

42 50.1 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

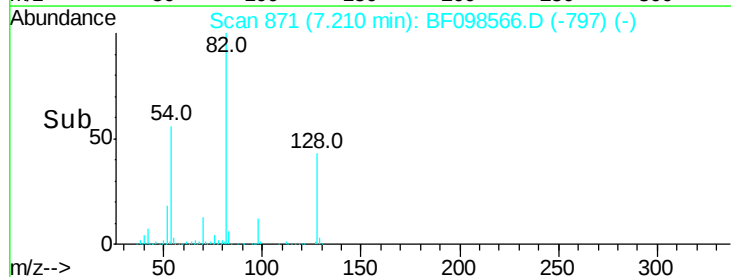
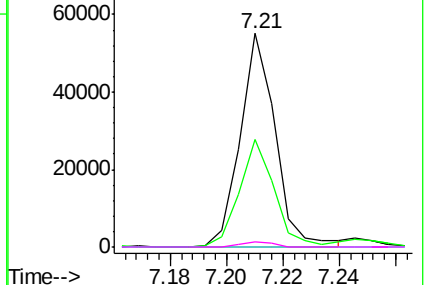


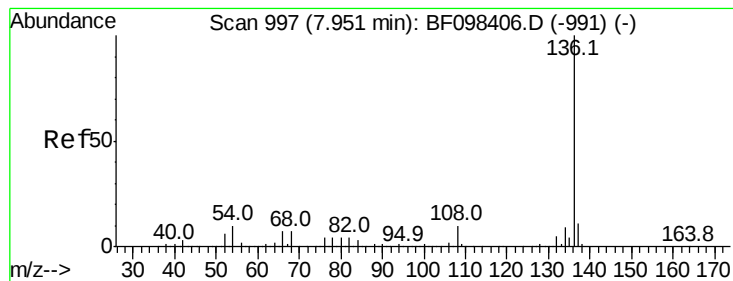
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Instrument :

BNA_F

ClientSampleId :

G-9-1DL

Tot Ion:136 Resp: 502017

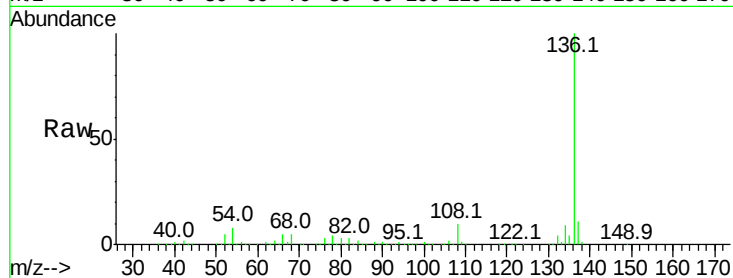
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 8.4 4.9 7.3#

68 5.5 4.1 6.1

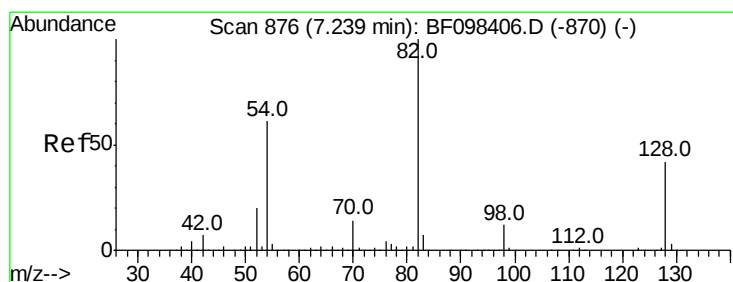
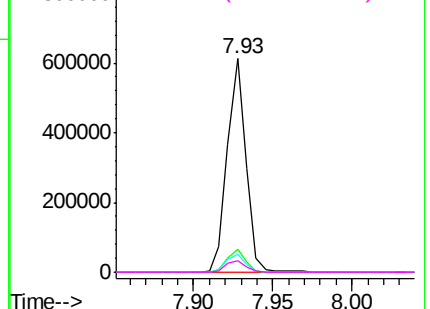
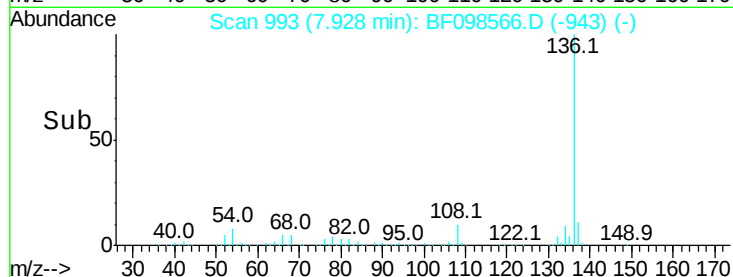


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.525 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

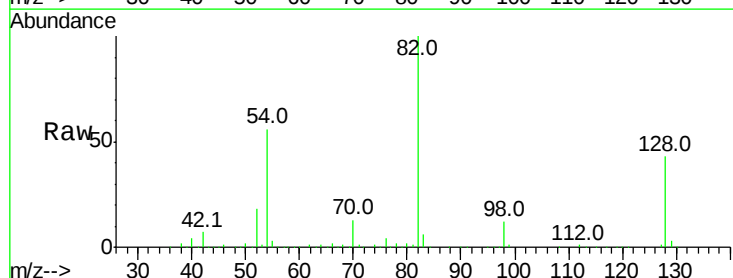
Tgt Ion: 82 Resp: 373927

Ion Ratio Lower Upper

82 100

128 42.6 34.0 51.0

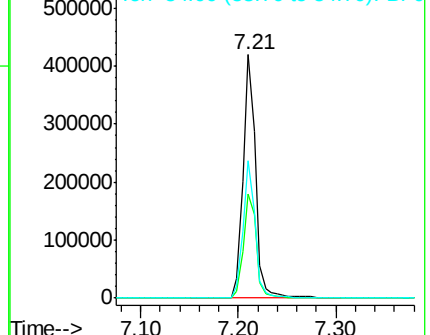
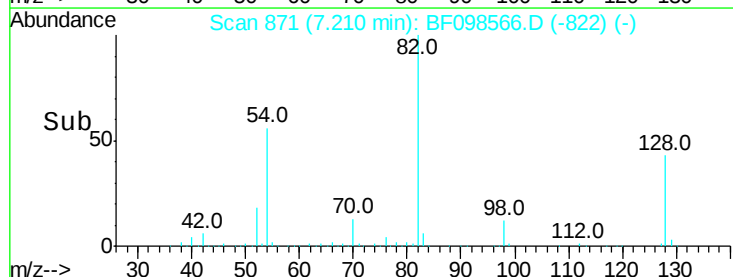
54 56.3 42.2 63.2

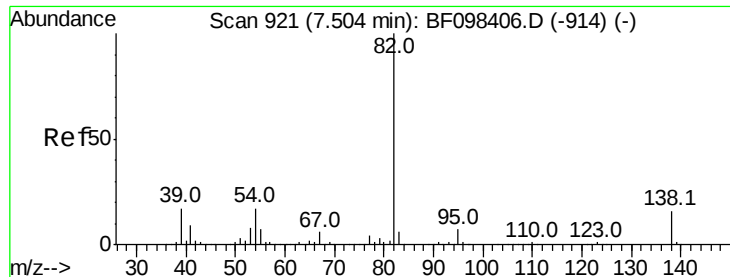


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 20.372 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Instrument :

BNA_F

ClientSampleId :

G-9-1DL

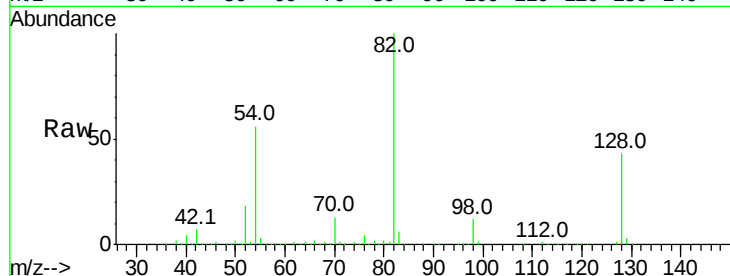
Tot Ion: 82 Resp: 371160

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

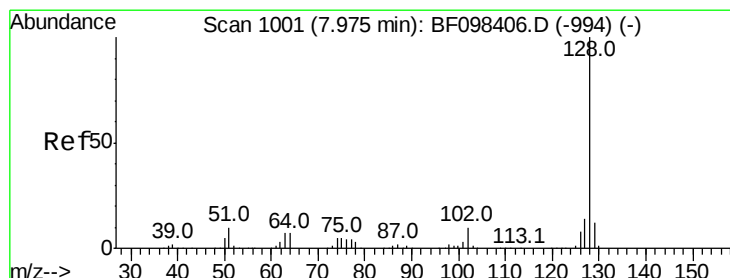
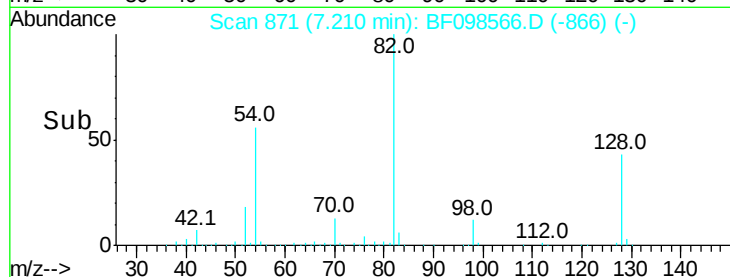
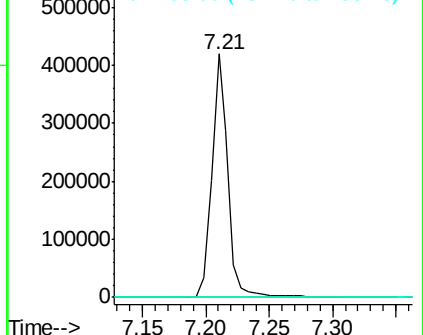
138 0.0 13.1 19.7#



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: 7.264 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

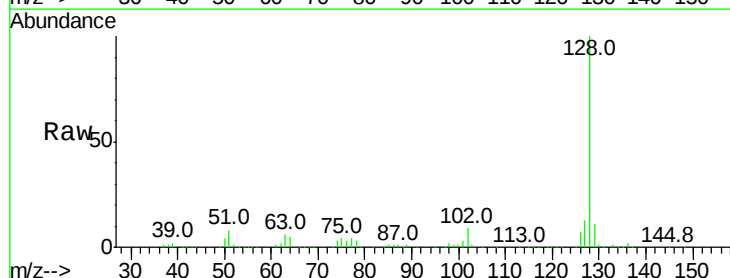
Tgt Ion: 128 Resp: 180284

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

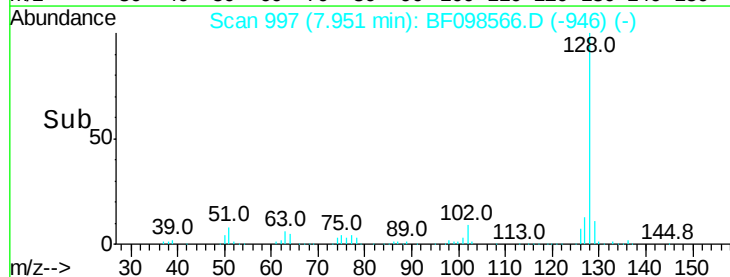
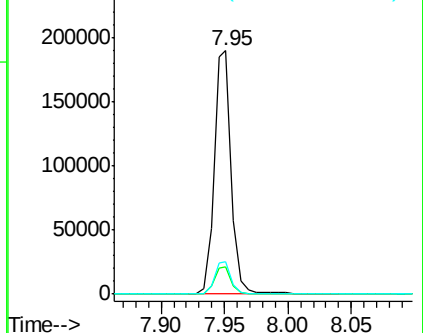
127 13.2 10.8 16.2

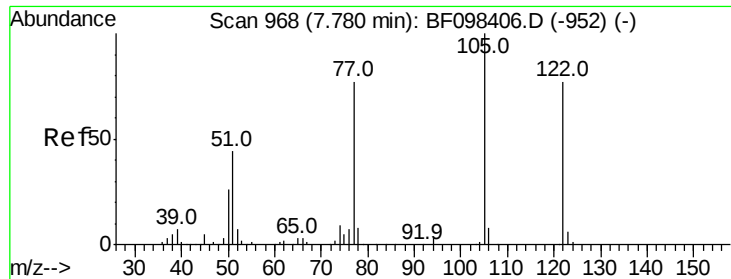


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

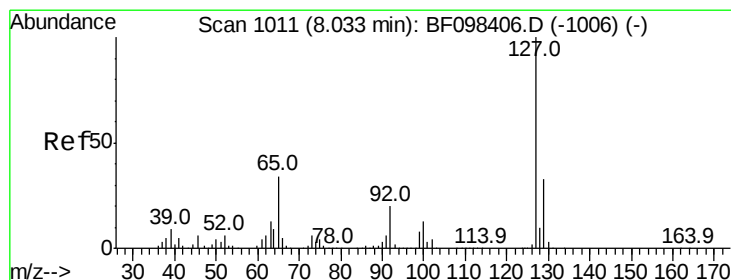
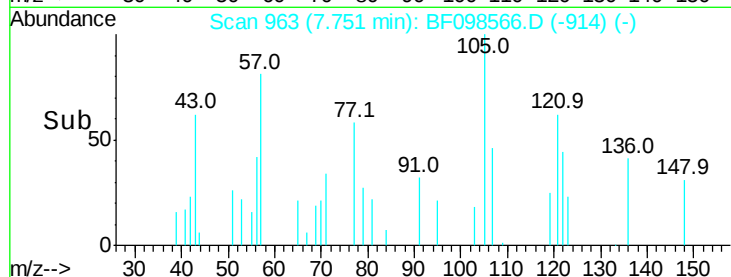
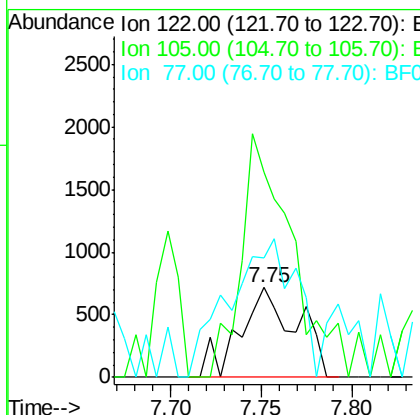
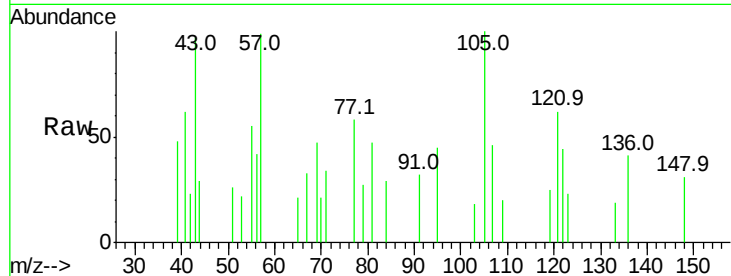




#32
Benzoic acid
Concen: 8.217 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF098566.D
Acq: 15 Sep 2017 13:43

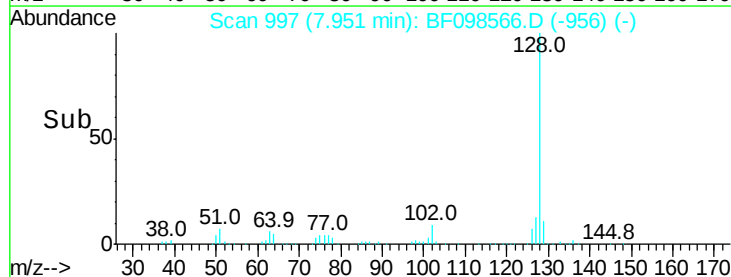
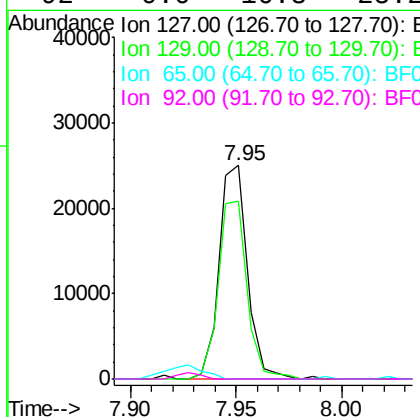
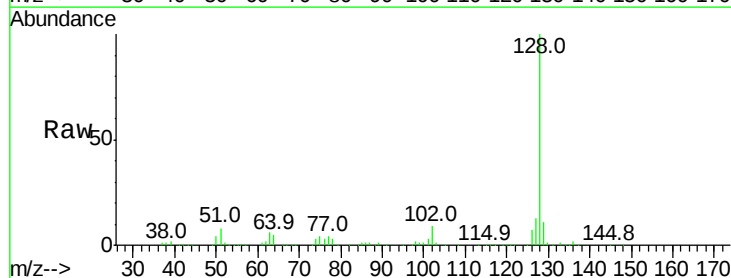
Instrument :
BNA_F
ClientSampled :
G-9-1DL

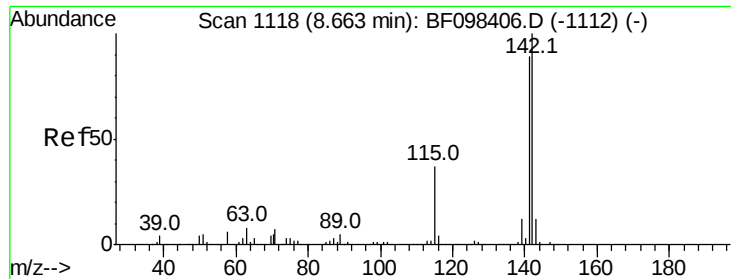
Tot Ion:122 Resp: 1570
Ion Ratio Lower Upper
122 100
105 228.4 103.3 143.3#
77 133.2 73.7 113.7#



#33
4-Chloroaniline
Concen: 2.306 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.06 min
Lab File: BF098566.D
Acq: 15 Sep 2017 13:43

Tgt Ion:127 Resp: 23262
Ion Ratio Lower Upper
127 100
129 83.4 26.2 39.2#
65 0.0 27.8 41.8#
92 0.0 16.8 25.2#





#37

2-Methylnaphthalene

Concen: 7.292 ng

RT: 8.64 min Scan# 1114

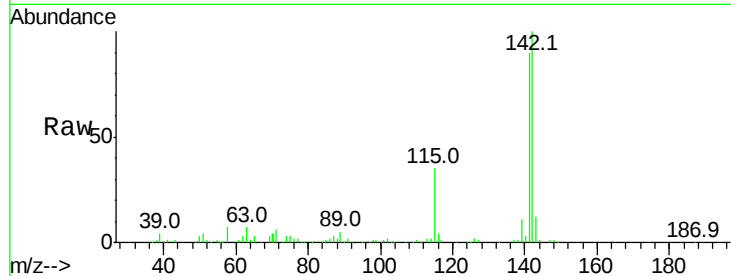
Delta R.T. -0.01 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Instrument :
BNA_F
ClientSampled :
G-9-1DL

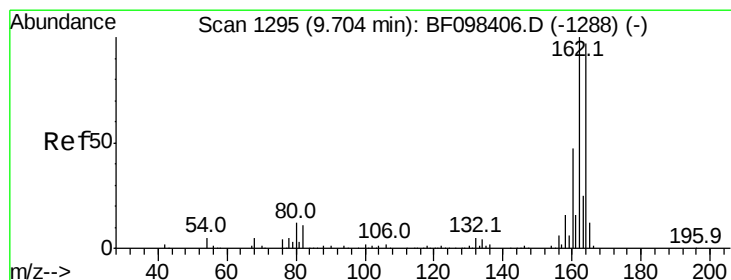
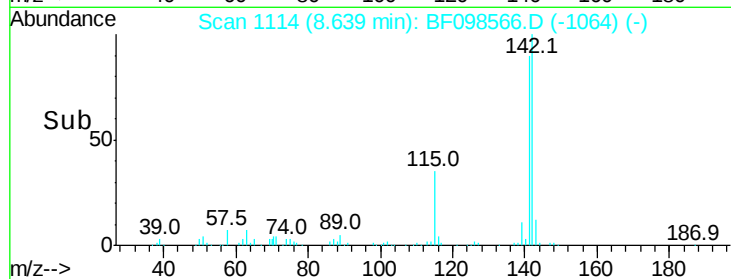
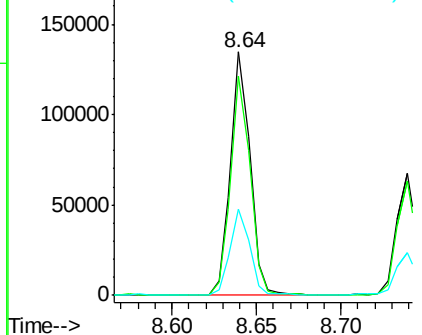
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	35.2	27.1	40.7



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

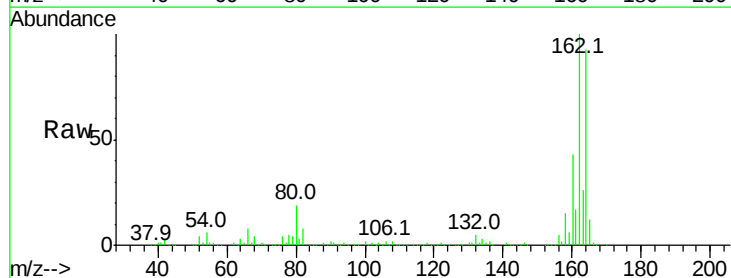
RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

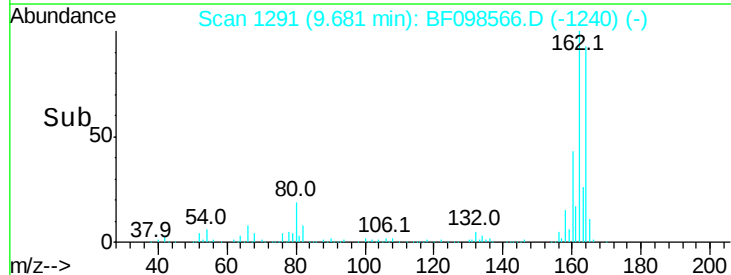
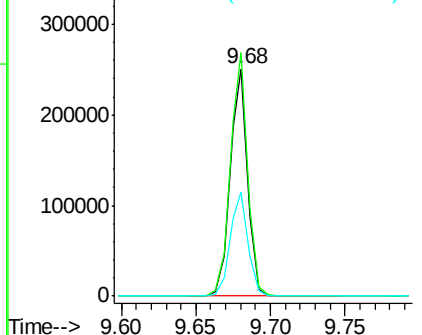
Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.6	123.8
160	46.1	36.2	54.2

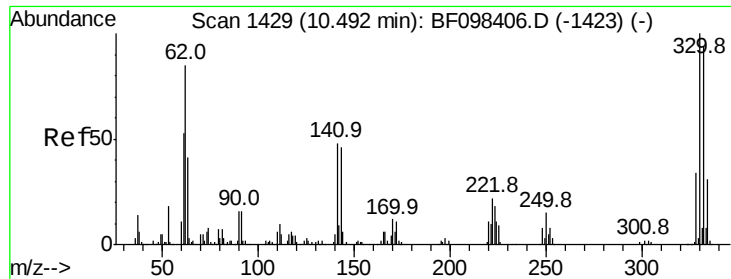


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

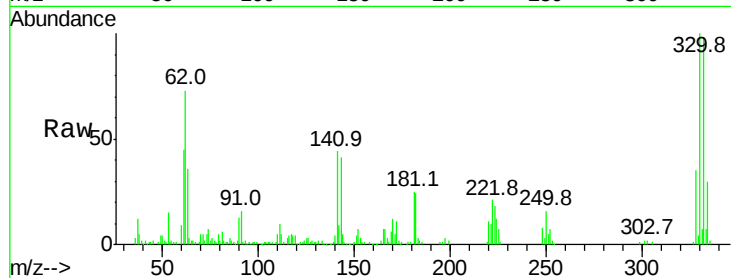




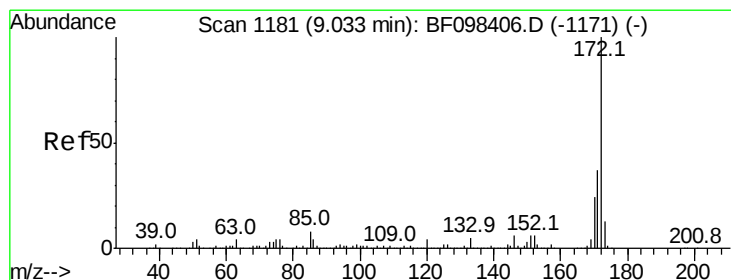
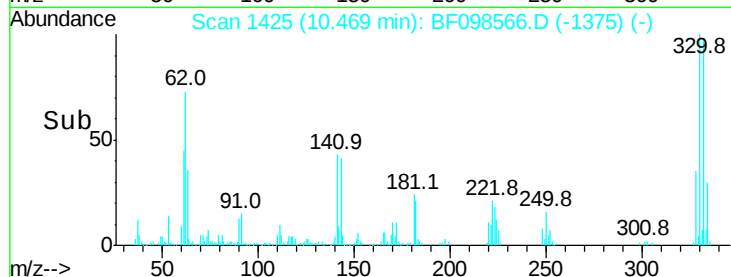
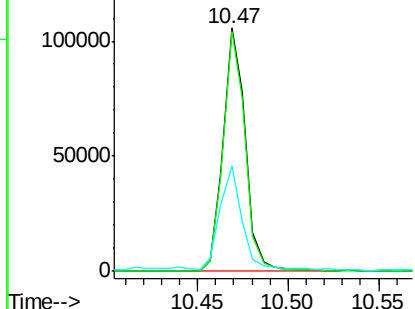
#41
 2,4,6-Tribromophenol
 Concen: 65.450 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF098566.D
 Acq: 15 Sep 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 G-9-1DL

Tot Ion:330 Resp: 90594
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 44.8 31.4 47.2

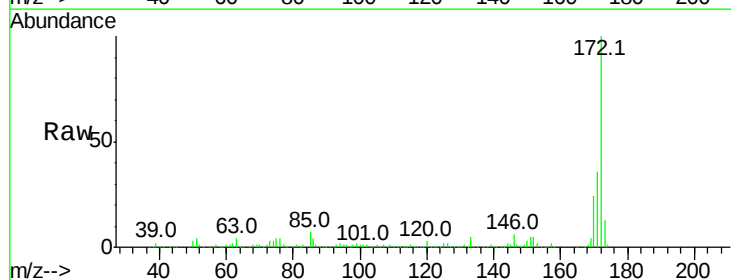


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

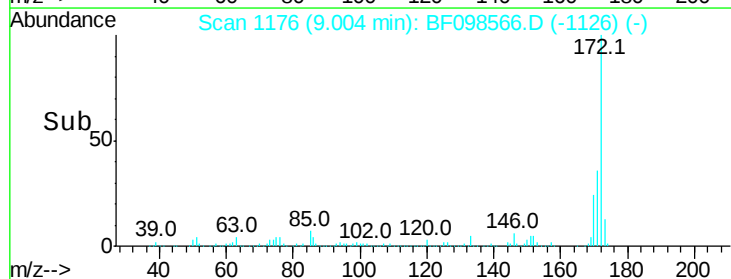
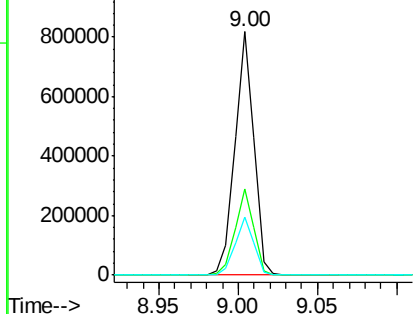


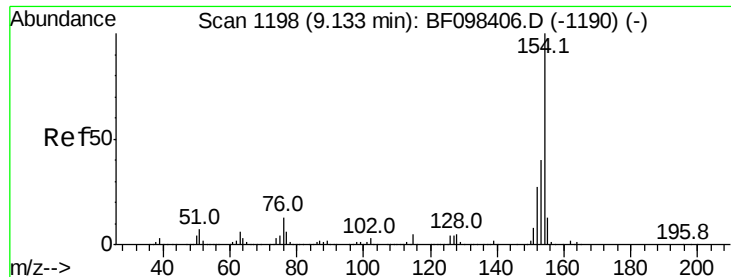
#44
 2-Fluorobiphenyl
 Concen: 55.472 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF098566.D
 Acq: 15 Sep 2017 13:43

Tgt Ion:172 Resp: 678764
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.8 19.8 29.8



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

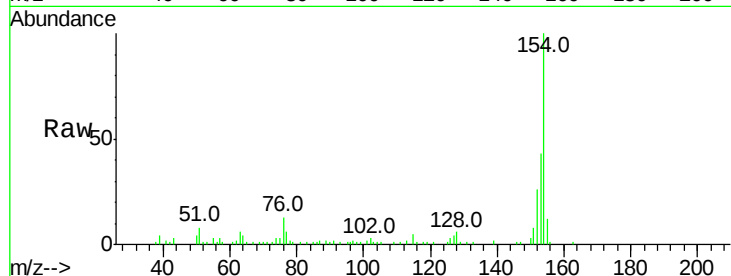




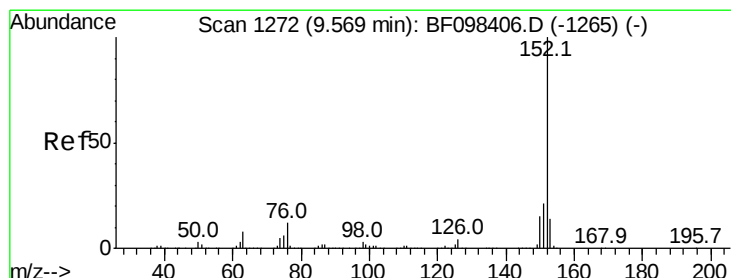
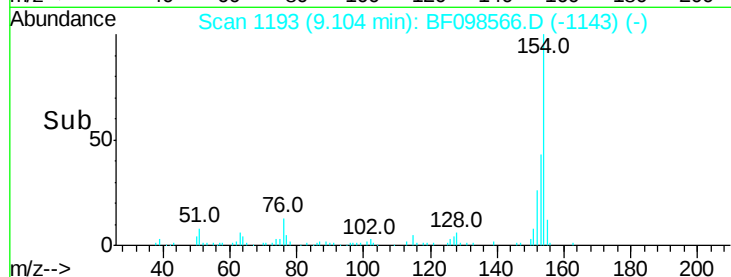
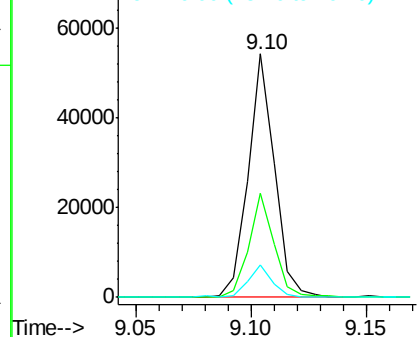
#45
 1,1'-Biphenyl
 Concen: 2.325 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098566.D
 Acq: 15 Sep 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 G-9-1DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.8	21.2	61.2
76	13.1	0.0	29.9

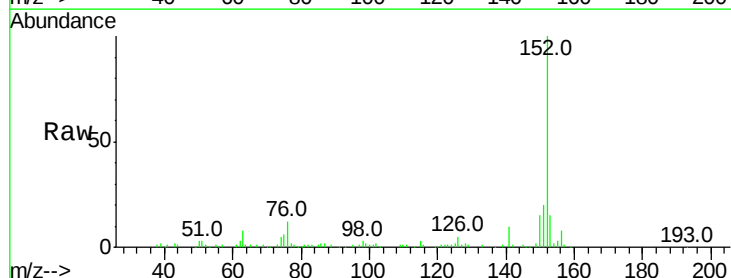


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

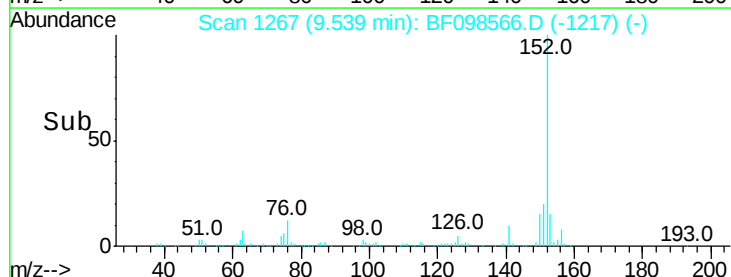
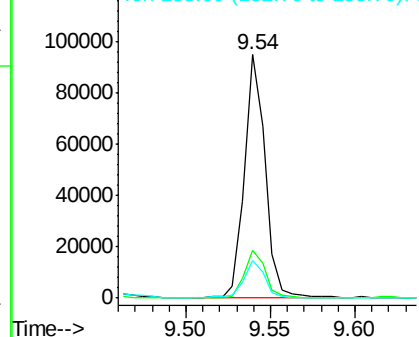


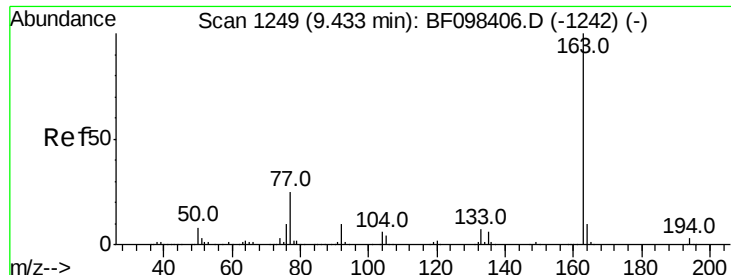
#48
 Acenaphthylene
 Concen: 4.133 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF098566.D
 Acq: 15 Sep 2017 13:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	15.4	10.8	16.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 5.081 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Instrument :

BNA_F

ClientSampleID :

G-9-1DL

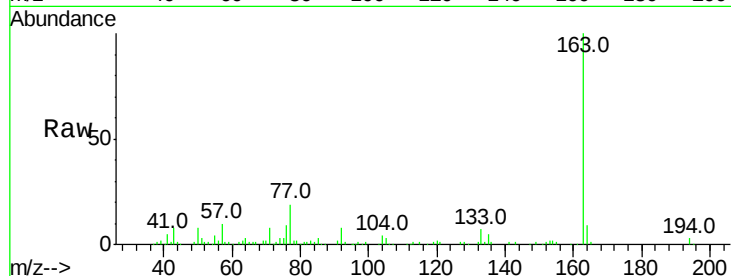
Tot Ion:163 Resp: 81562

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

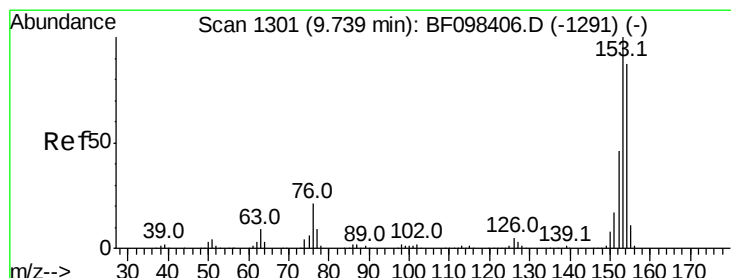
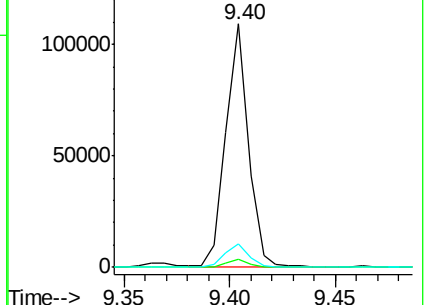
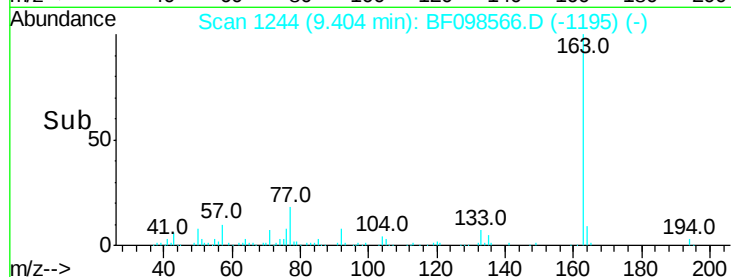
164 9.4 8.4 12.6



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: 2.568 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

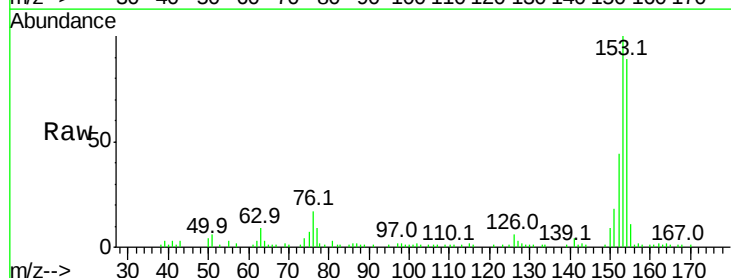
Tgt Ion:154 Resp: 32175

Ion Ratio Lower Upper

154 100

153 112.7 90.5 135.7

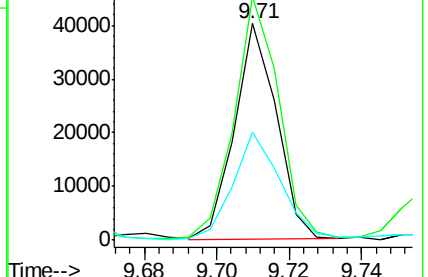
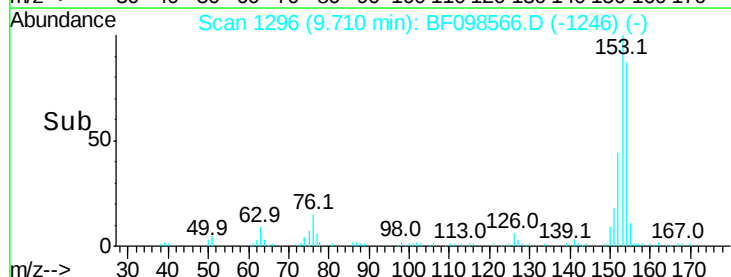
152 49.7 43.6 65.4

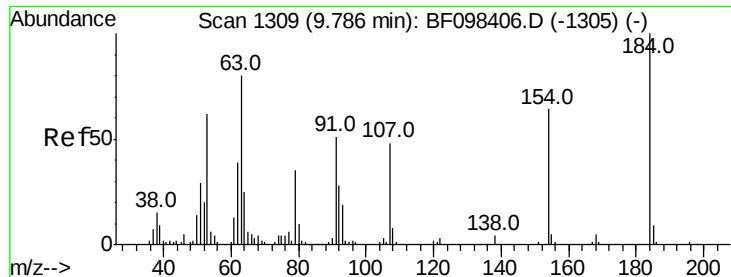


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

2,4-Dinitrophenol

Concen: 8.593 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.21 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Instrument :

BNA_F

ClientSampleId :

G-9-1DL

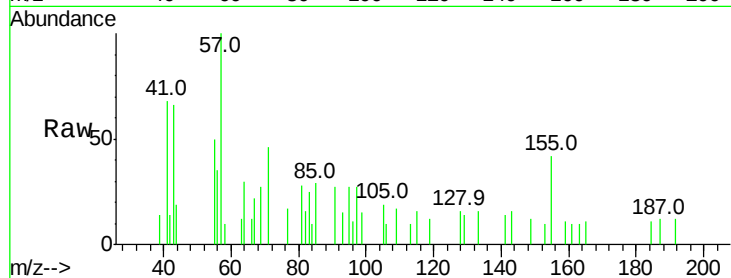
Tot Ion:184 Resp: 119

Ion Ratio Lower Upper

184 100

63 105.9 62.7 94.1#

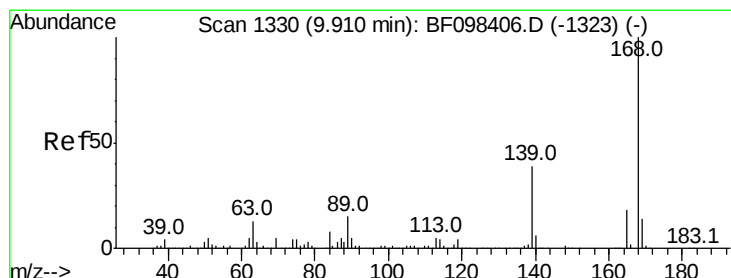
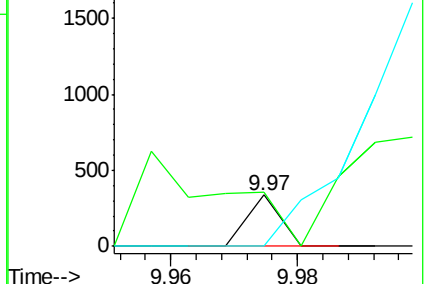
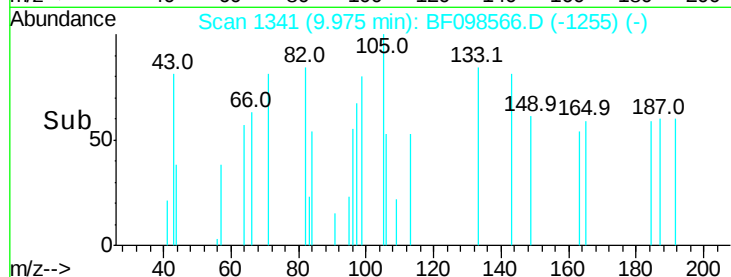
154 0.0 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 8.167 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

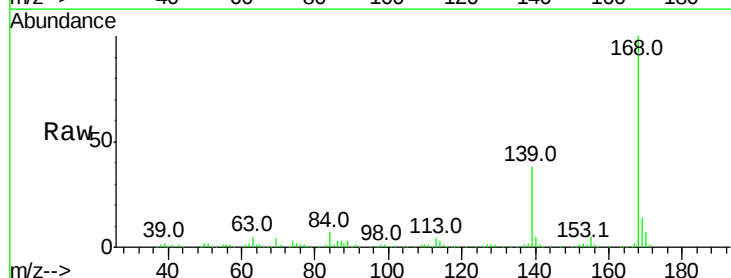
Tgt Ion:168 Resp: 134803

Ion Ratio Lower Upper

168 100

139 37.9 30.6 45.8

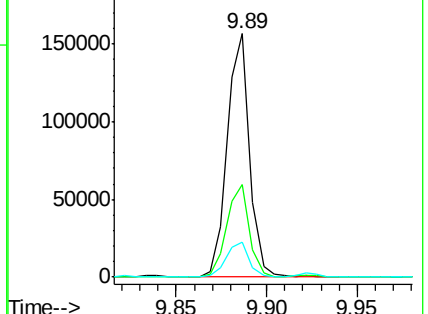
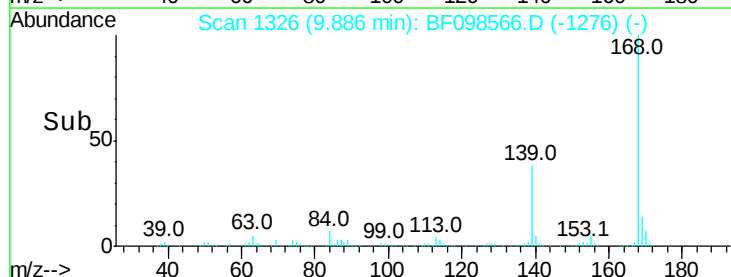
169 14.3 10.8 16.2

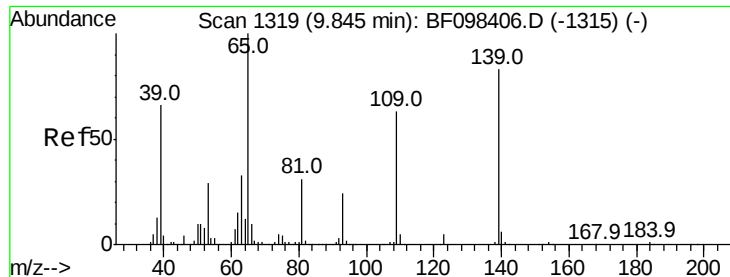


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

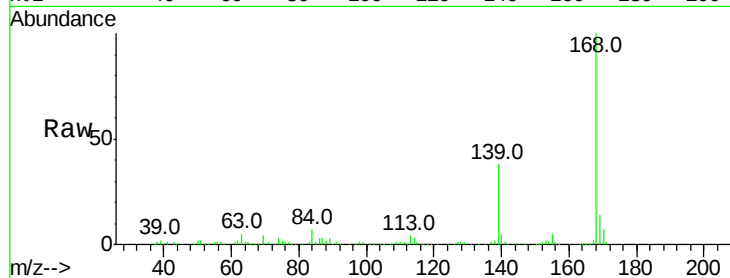




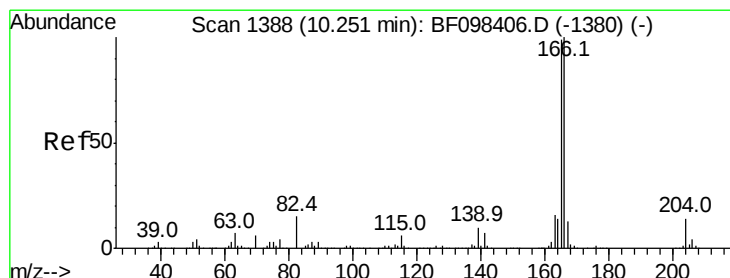
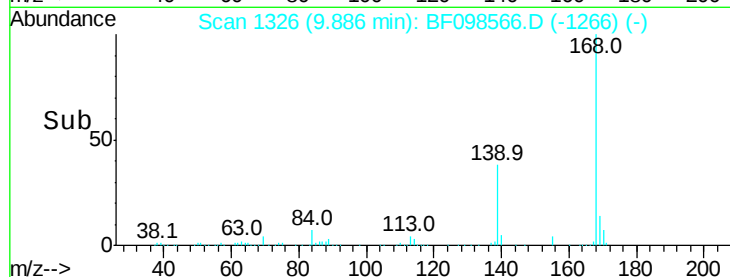
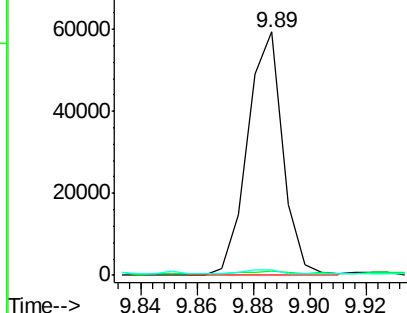
#55
4-Nitrophenol
Concen: 22.540 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.05 min
Lab File: BF098566.D
Acq: 15 Sep 2017 13:43

Instrument :
BNA_F
ClientSampleId :
G-9-1DL

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.6	34.1	74.1#
65	2.3	31.4	71.4#

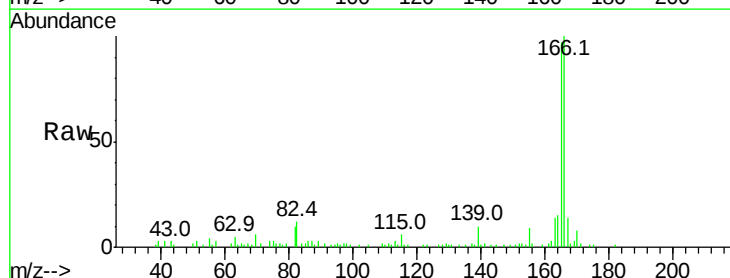


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

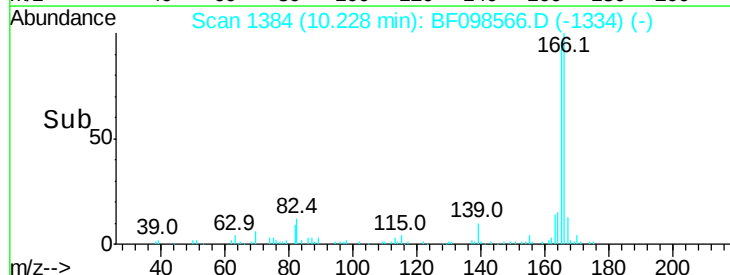
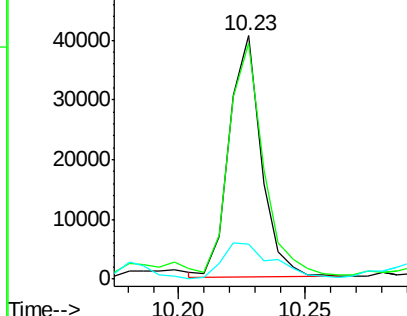


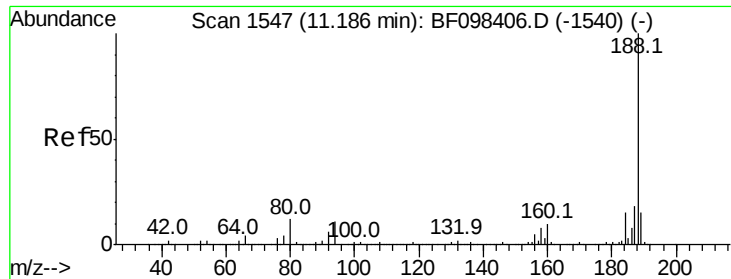
#57
Fluorene
Concen: 2.601 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF098566.D
Acq: 15 Sep 2017 13:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.8	118.2
167	14.5	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

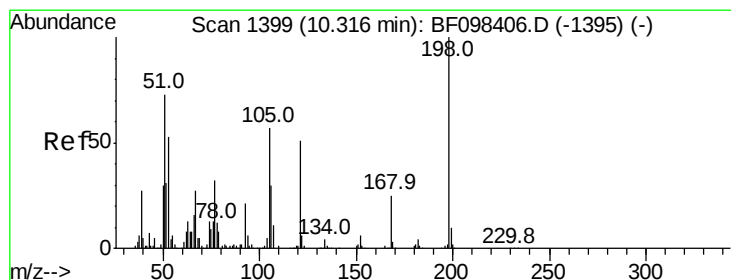
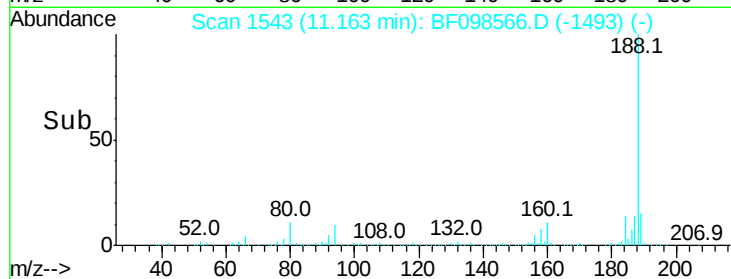
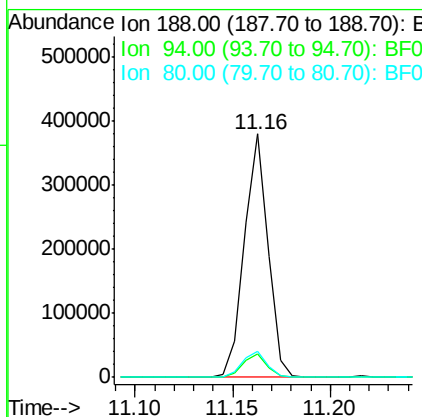
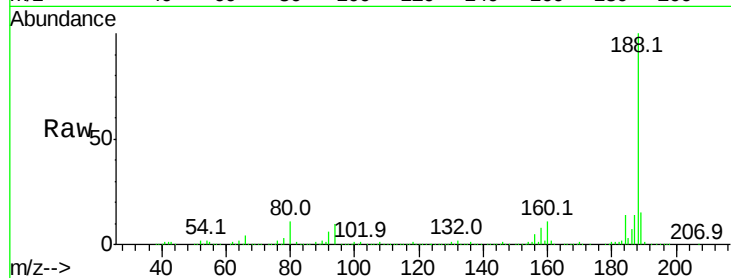




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF098566.D
 Acq: 15 Sep 2017 13:43

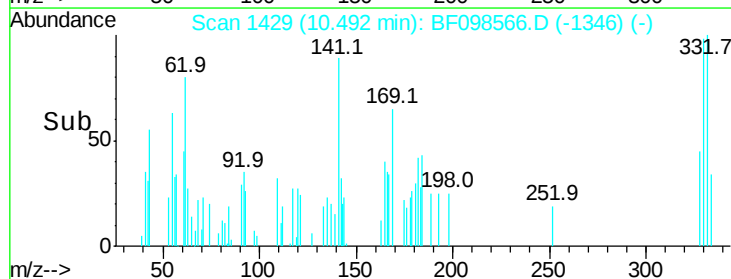
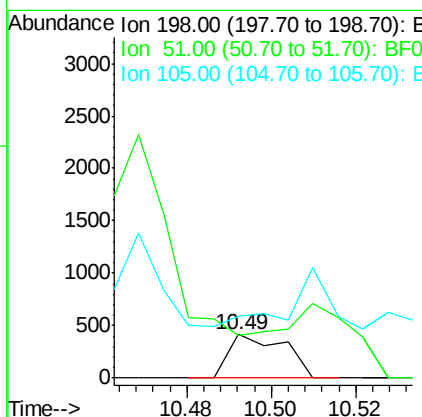
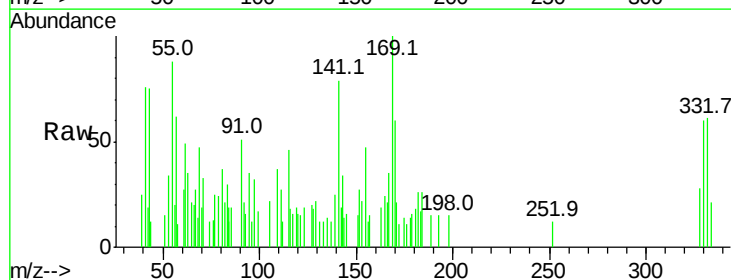
Instrument :
 BNA_F
 ClientSampleId :
 G-9-1DL

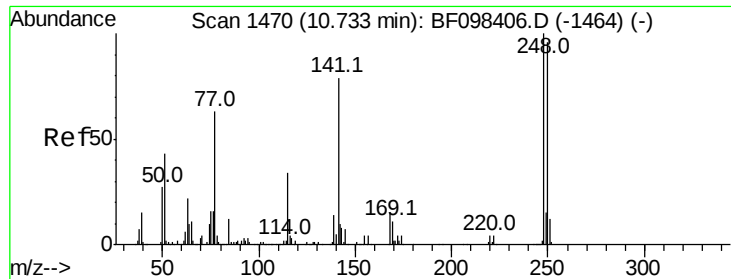
Tot Ion:188 Resp: 317897
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.2
 80 10.6 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.139 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.19 min
 Lab File: BF098566.D
 Acq: 15 Sep 2017 13:43

Tgt Ion:198 Resp: 379
 Ion Ratio Lower Upper
 198 100
 51 98.1 53.2 93.2#
 105 141.3 45.8 85.8#

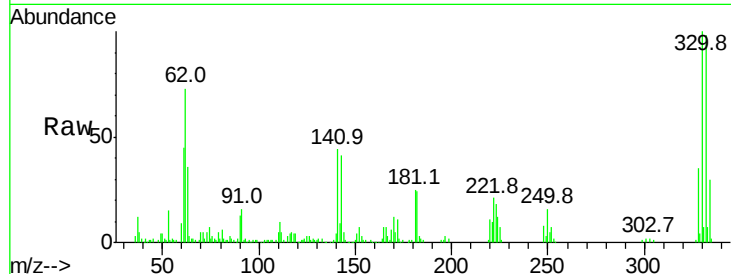




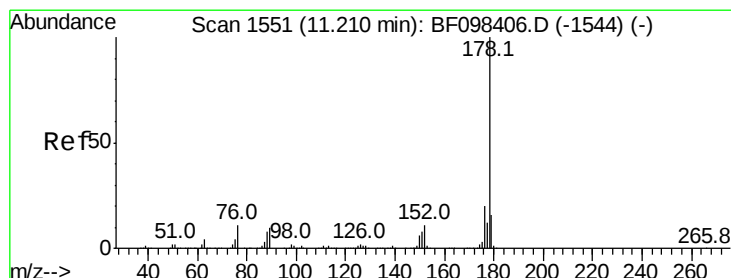
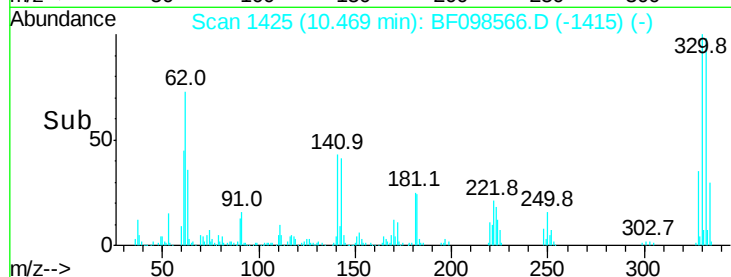
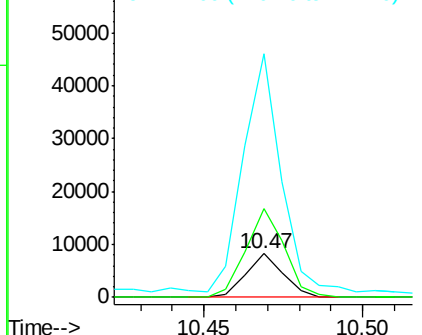
#66
 4-Bromophenyl-phenylether
 Concen: 2.213 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.24 min
 Lab File: BF098566.D
 Acq: 15 Sep 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 G-9-1DL

Tot Ion:248 Resp: 6678
 Ion Ratio Lower Upper
 248 100
 250 201.4 76.8 115.2#
 141 555.6 68.6 103.0#

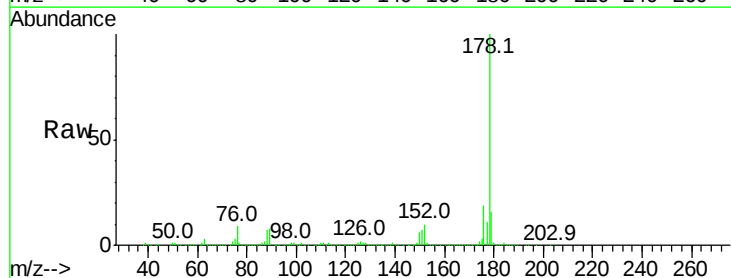


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

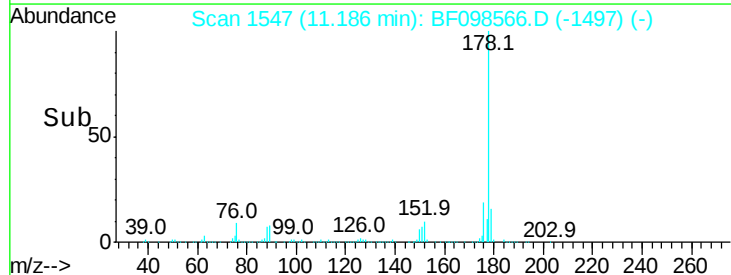
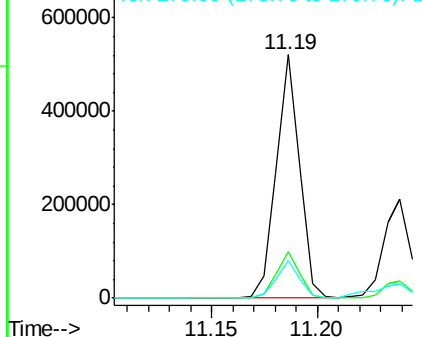


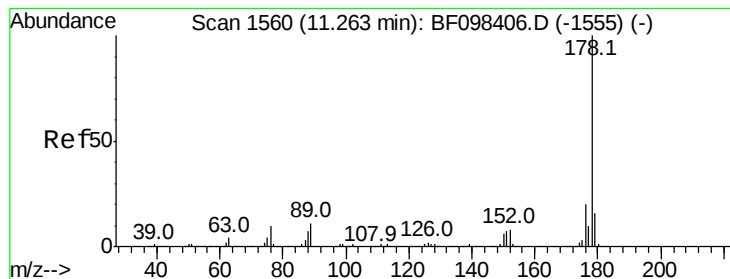
#70
 Phenanthrene
 Concen: 23.763 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF098566.D
 Acq: 15 Sep 2017 13:43

Tgt Ion:178 Resp: 400466
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.6 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





#71

Anthracene

Concen: 10.386 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Instrument :

BNA_F

ClientSampleId :

G-9-1DL

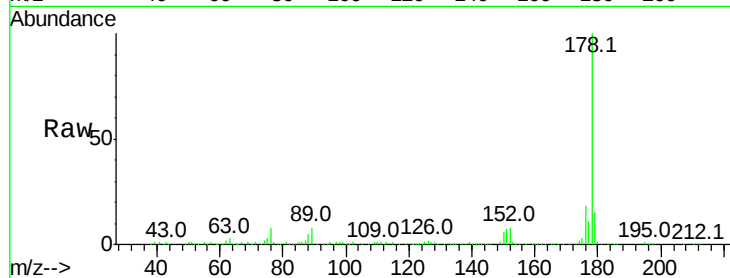
Tot Ion:178 Resp: 179708

Ion Ratio Lower Upper

178 100

176 17.8 15.8 23.8

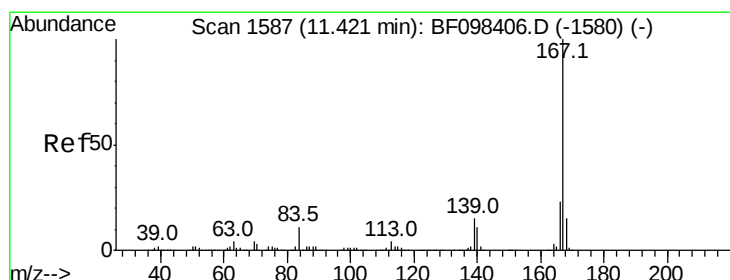
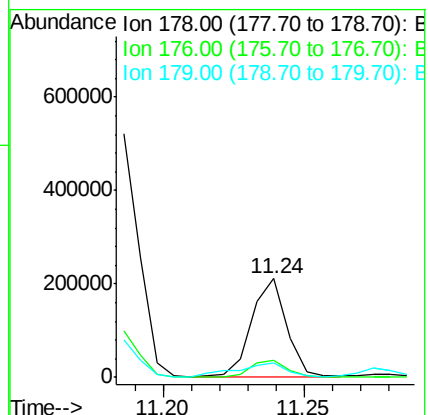
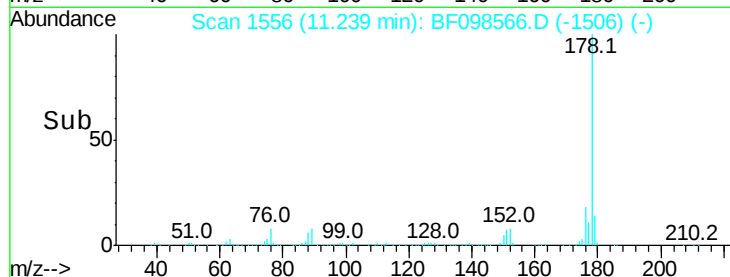
179 14.6 12.7 19.1



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: 4.267 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

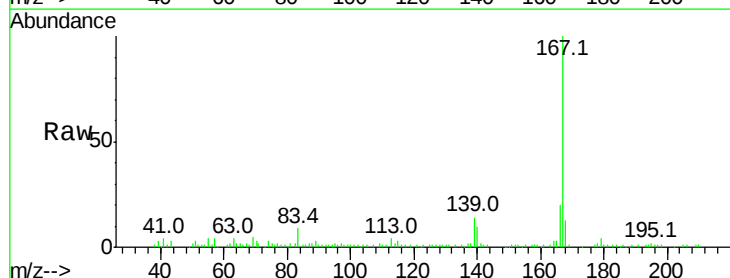
Tgt Ion:167 Resp: 68802

Ion Ratio Lower Upper

167 100

166 20.3 18.1 27.1

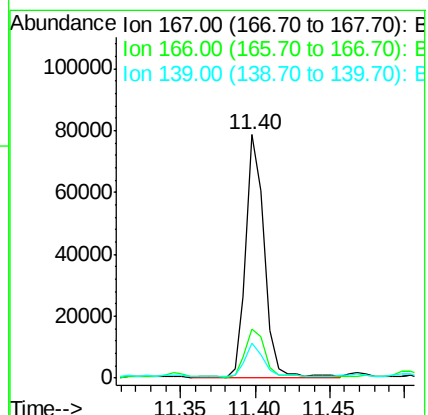
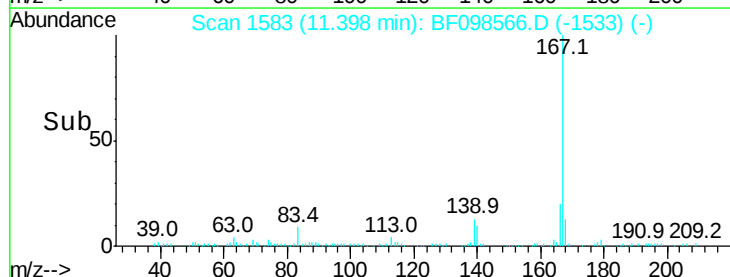
139 14.2 11.7 17.5

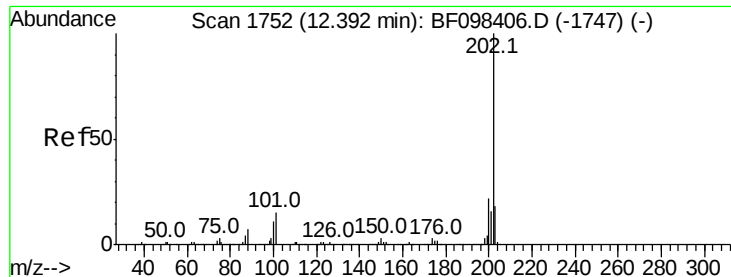


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 49.587 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Instrument :

BNA_F

ClientSampleId :

G-9-1DL

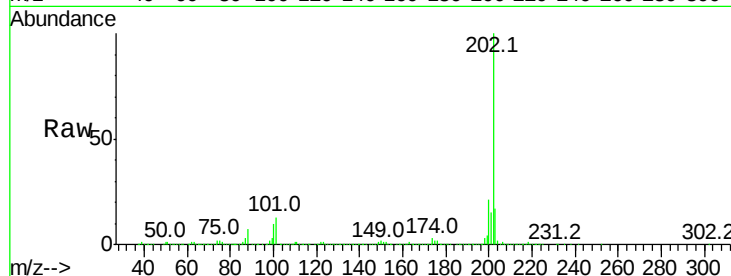
Tot Ion:202 Resp: 836564

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.2

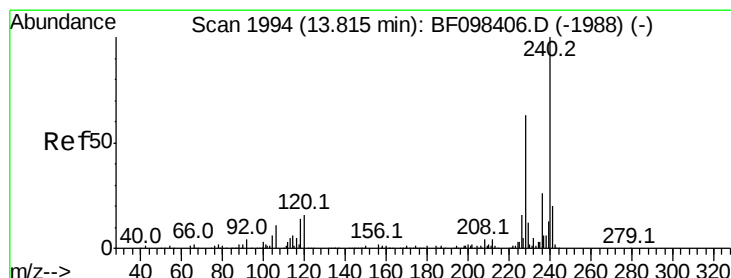
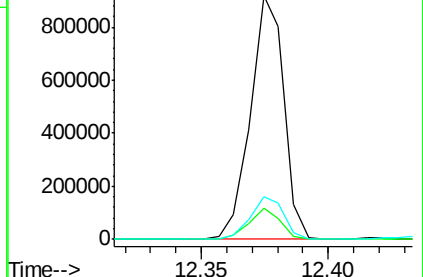
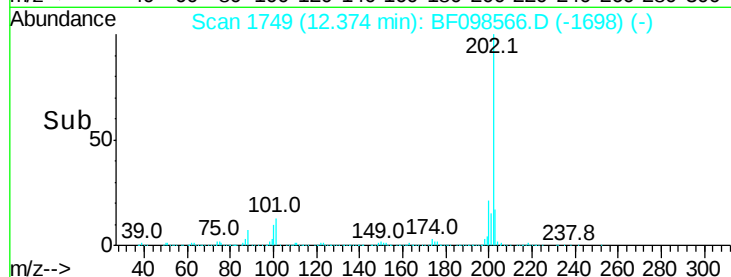
203 17.4 0.0 38.1



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# 1992

Delta R.T. 0.00 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

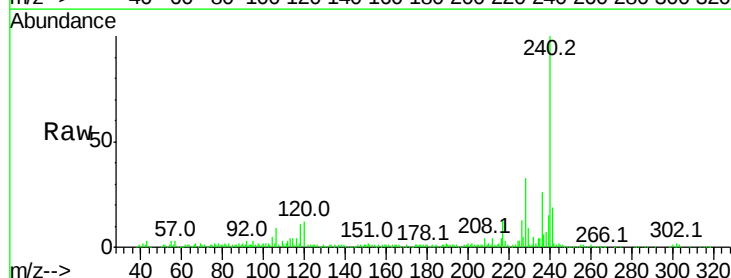
Tgt Ion:240 Resp: 248978

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

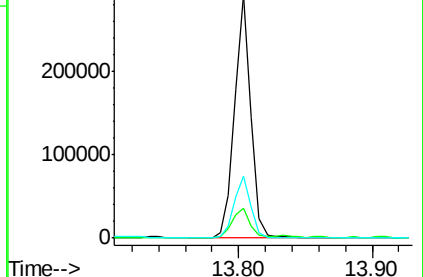
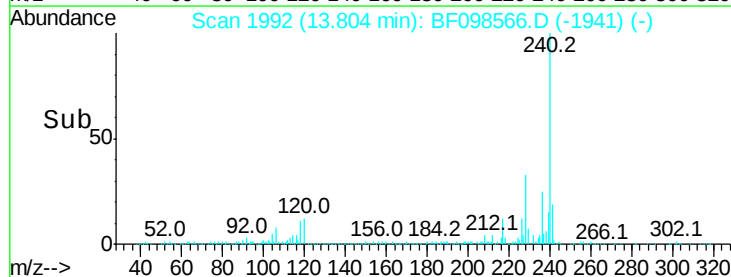
236 25.7 20.5 30.7

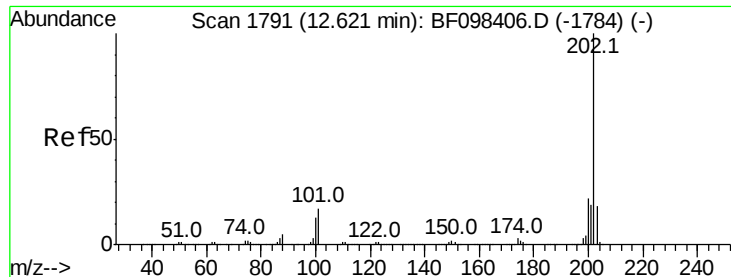


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 39.542 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Instrument :

BNA_F

ClientSampleId :

G-9-1DL

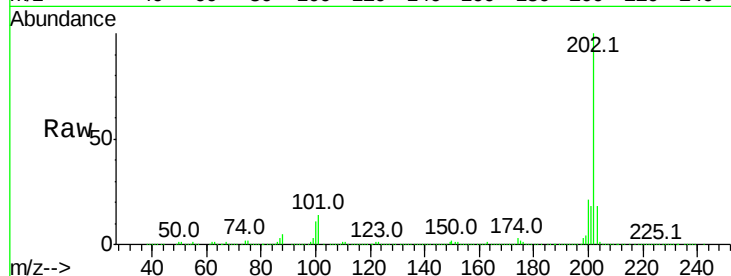
Tot Ion:202 Resp: 776654

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

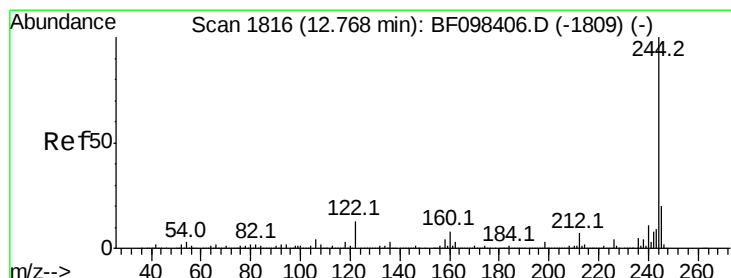
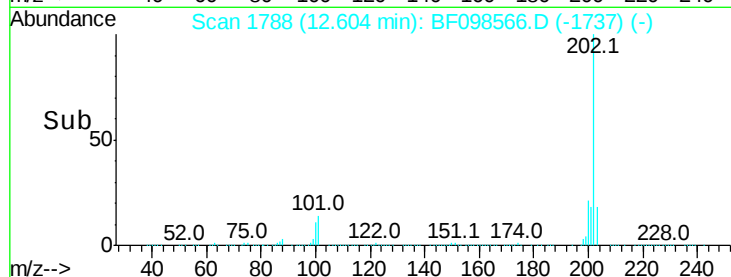
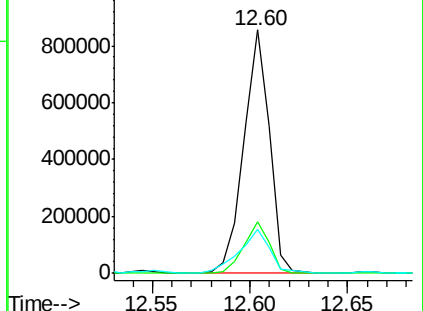
203 18.3 14.4 21.6



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: 37.891 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

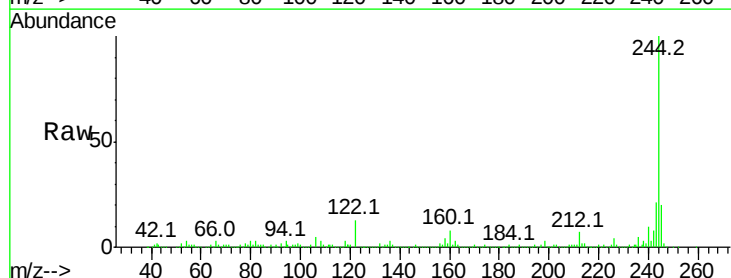
Tgt Ion:244 Resp: 437068

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

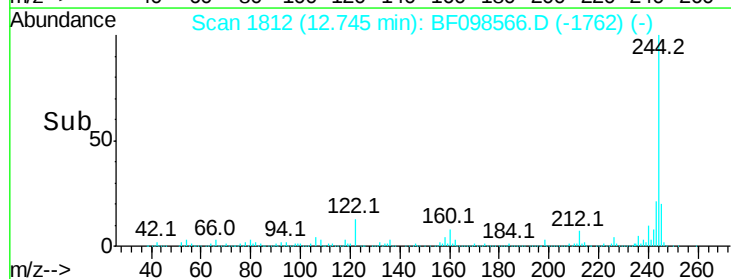
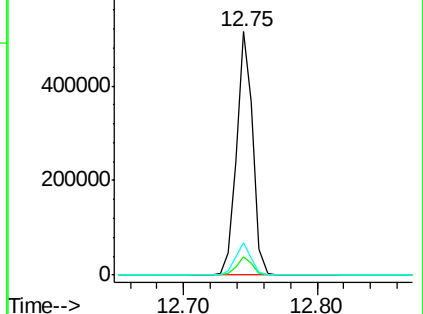
122 13.3 10.3 15.5

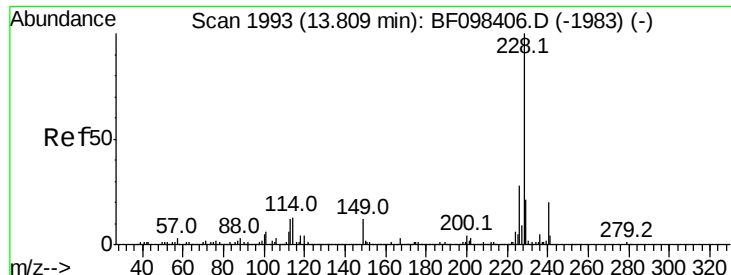


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 29.355 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Instrument :

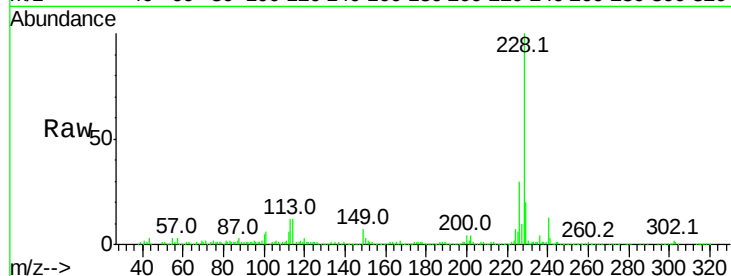
BNA_F

ClientSampleId :

G-9-1DL

Tot Ion:228 Resp: 428496

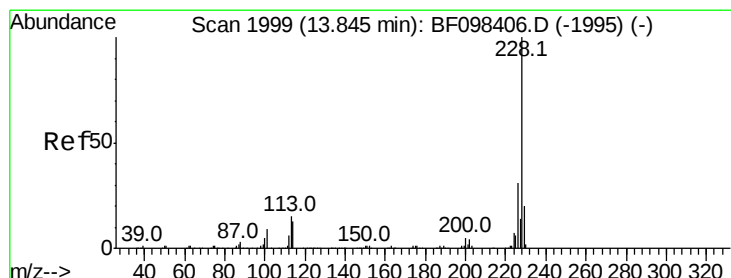
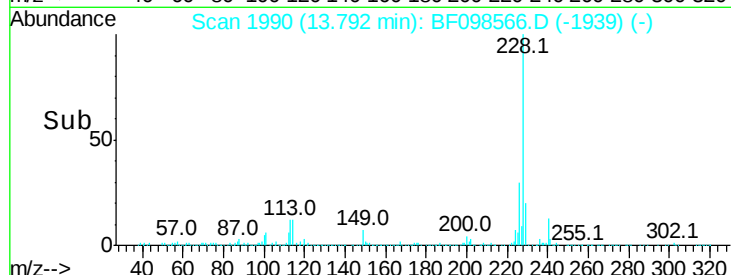
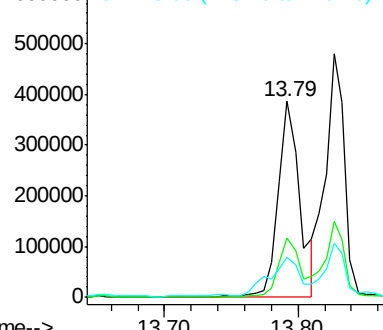
Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	20.4	16.3	24.5



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: 32.303 ng

RT: 13.83 min Scan# 1996

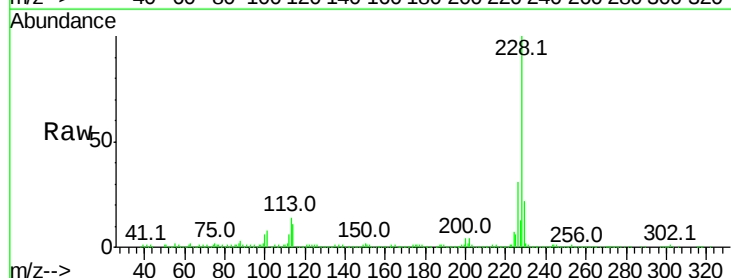
Delta R.T. -0.01 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Tgt Ion:228 Resp: 476641

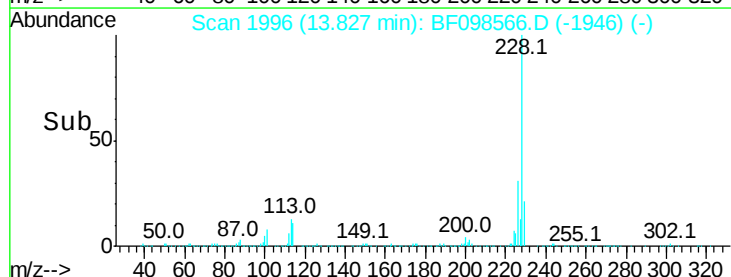
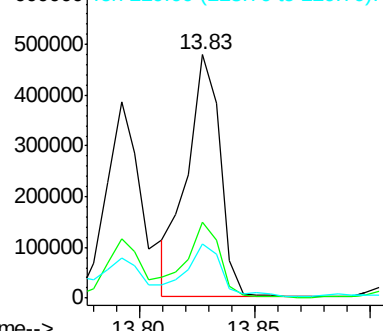
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	22.4	15.8	23.6

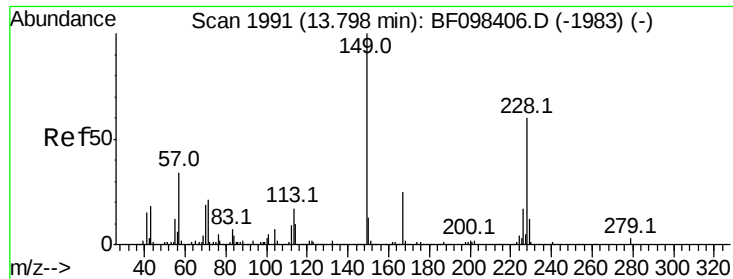


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.553 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Instrument :

BNA_F

ClientSampleId :

G-9-1DL

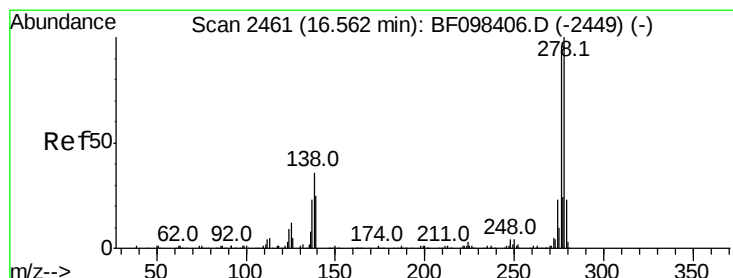
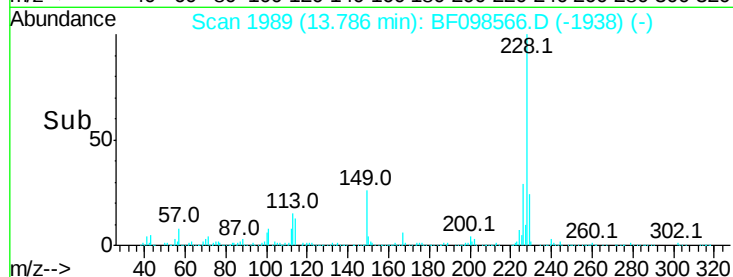
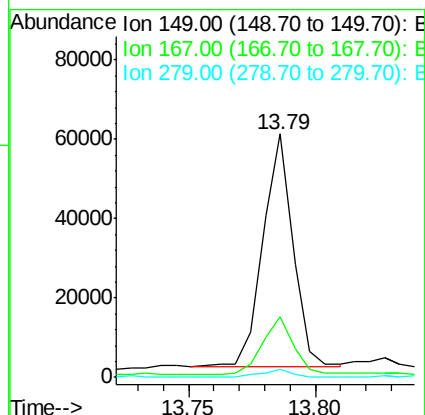
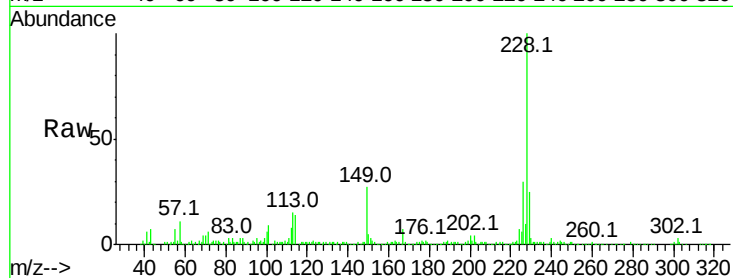
Tot Ion:149 Resp: 48686

Ion Ratio Lower Upper

149 100

167 24.6 21.0 31.4

279 3.3 1.9 2.9#



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.355 ng

RT: 16.40 min Scan# 2433

Delta R.T. -0.15 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

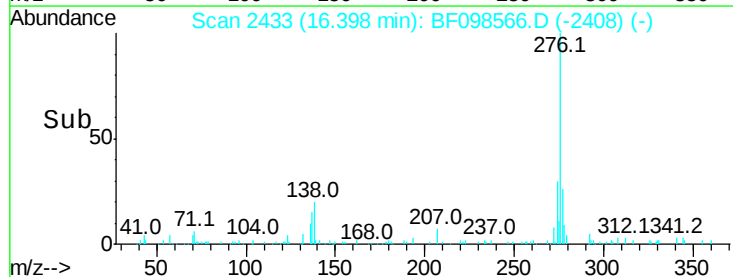
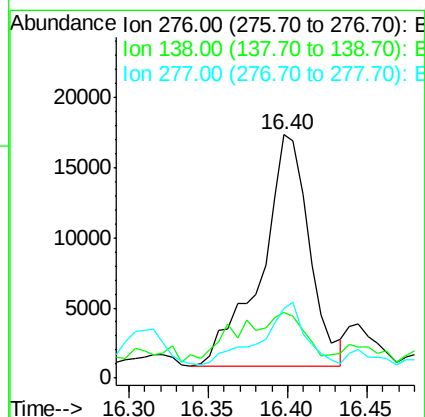
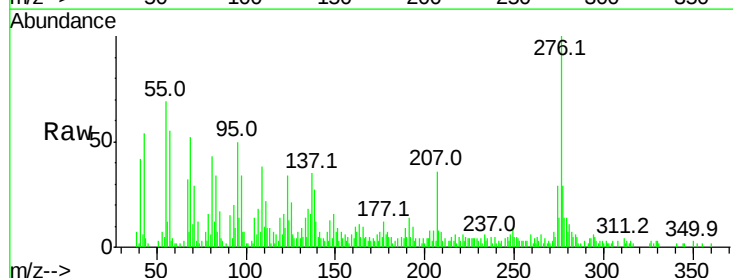
Tgt Ion:276 Resp: 34732

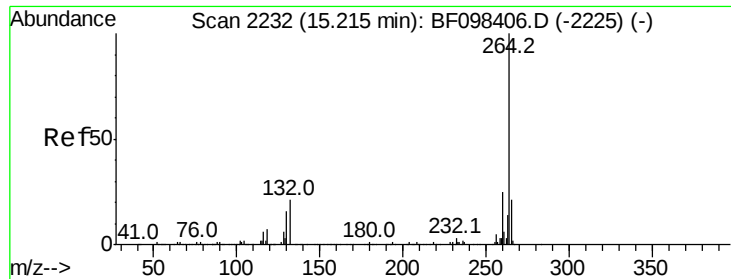
Ion Ratio Lower Upper

276 100

138 30.5 27.8 41.6

277 24.5 20.2 30.4

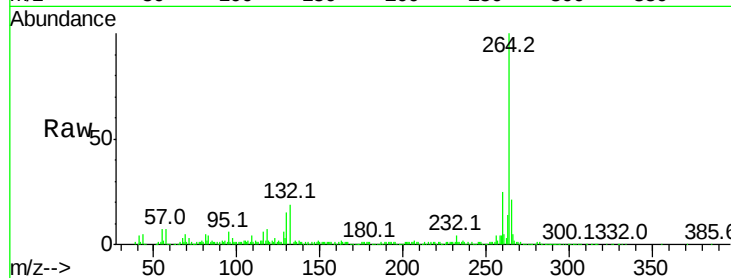




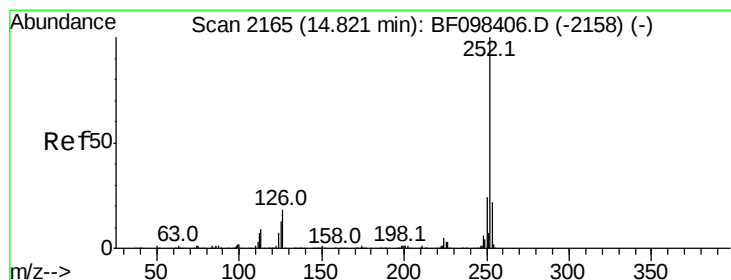
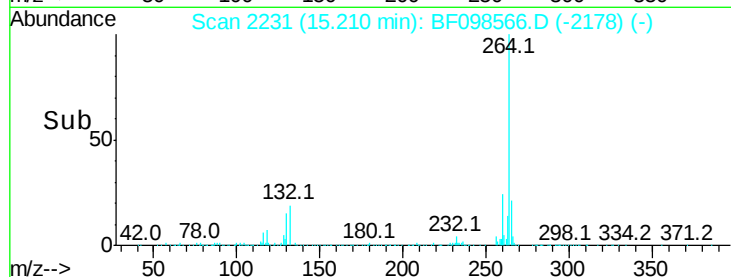
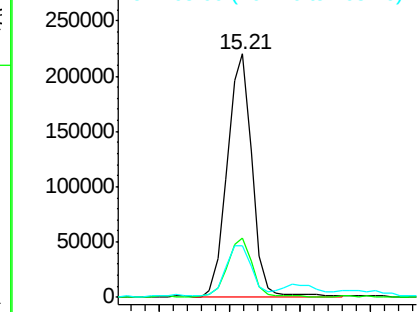
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF098566.D
Acq: 15 Sep 2017 13:43

Instrument :
BNA_F
ClientSampled :
G-9-1DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.2	17.2	25.8

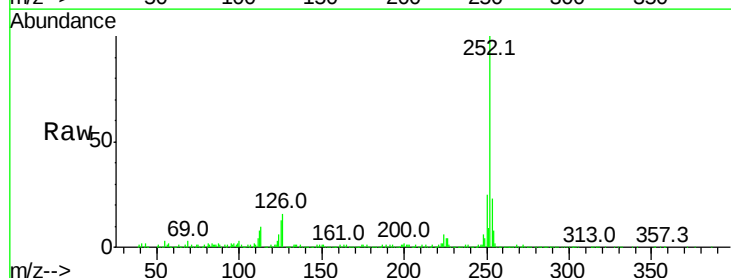


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

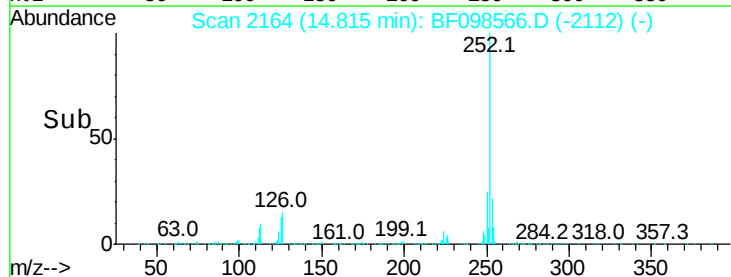
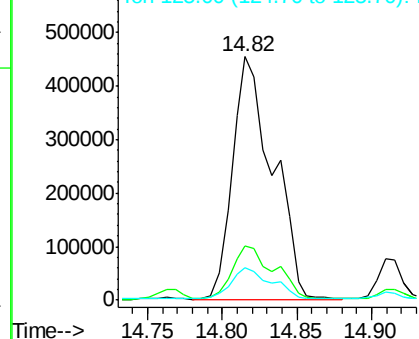


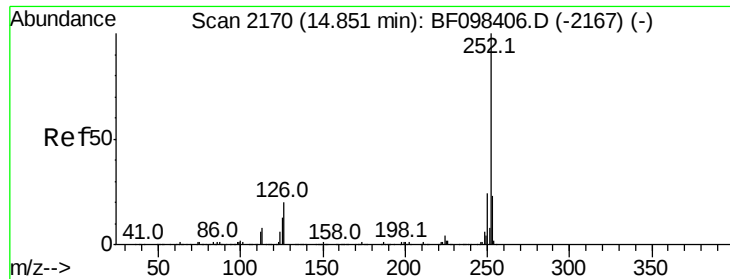
#87
Benzo(b)fluoranthene
Concen: 51.085 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BF098566.D
Acq: 15 Sep 2017 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	13.3	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

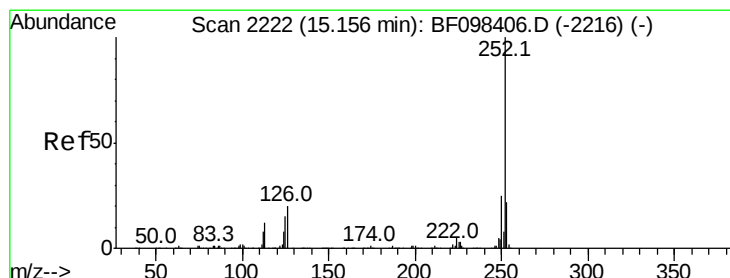
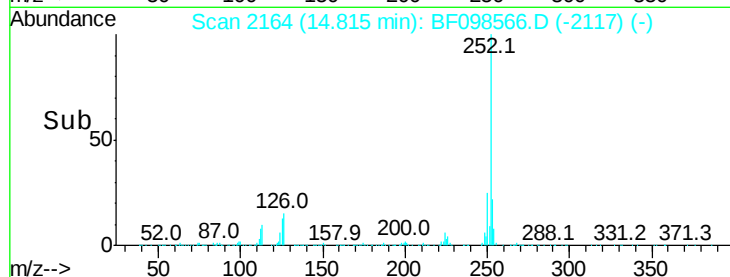
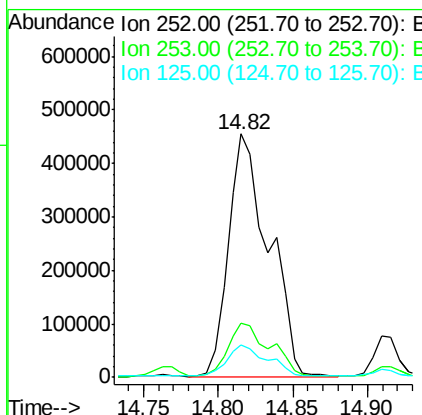
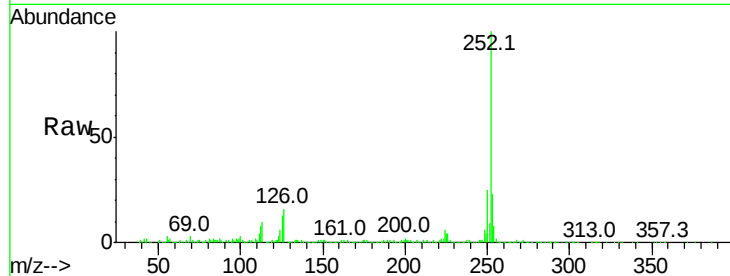




#88
Benzo(k)fluoranthene
Concen: 54.721 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BF098566.D
Acq: 15 Sep 2017 13:43

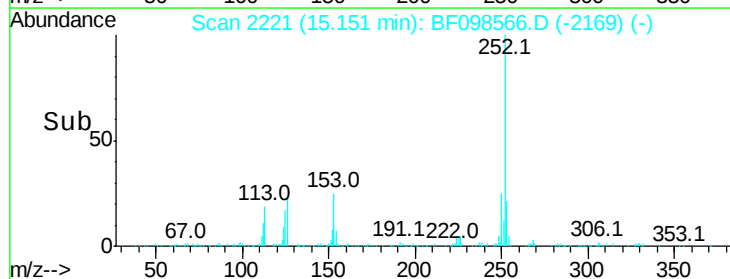
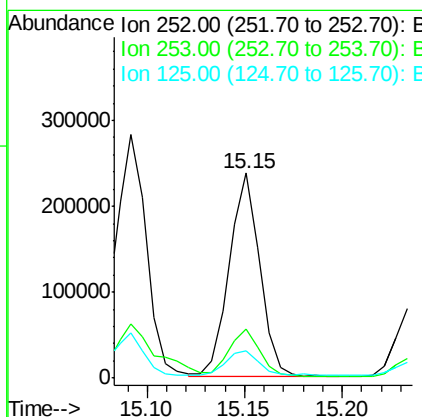
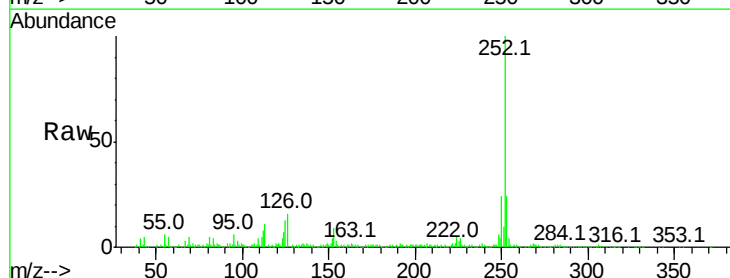
Instrument :
BNA_F
ClientSampleId :
G-9-1DL

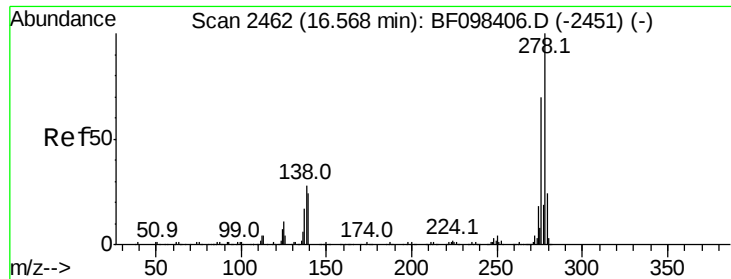
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	13.3	13.1	19.7



#89
Benzo(a)pyrene
Concen: 17.409 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF098566.D
Acq: 15 Sep 2017 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	13.3	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 3.472 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.20 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

Instrument :

BNA_F

ClientSampleId :

G-9-1DL

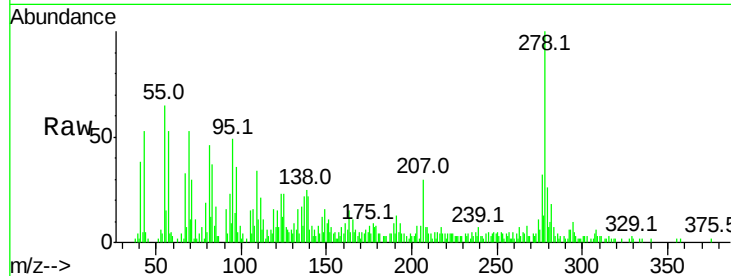
Tot Ion:278 Resp: 37420

Ion Ratio Lower Upper

278 100

139 21.6 16.6 24.8

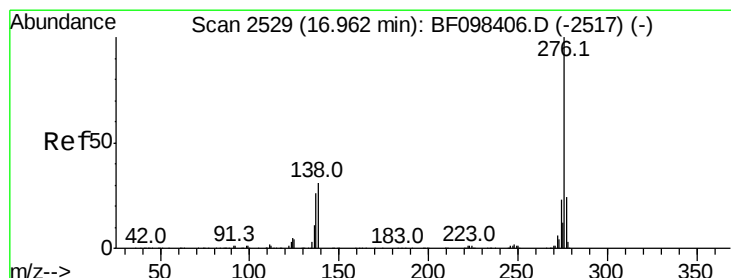
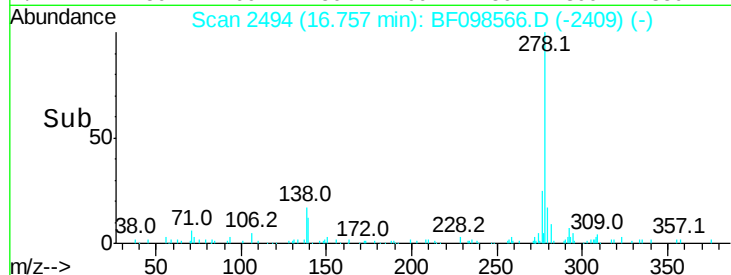
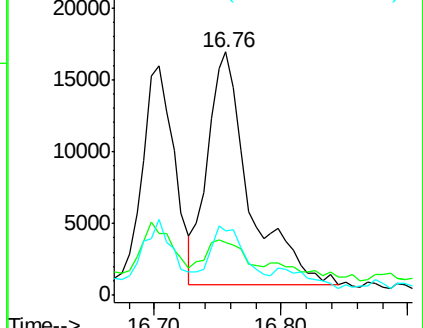
279 26.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 14.219 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF098566.D

Acq: 15 Sep 2017 13:43

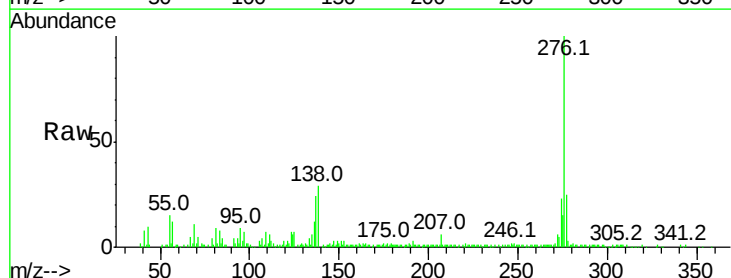
Tgt Ion:276 Resp: 154154

Ion Ratio Lower Upper

276 100

277 24.9 18.6 28.0

138 28.6 25.4 38.0



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

