

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091517\
 Data File : BF098562.D
 Acq On : 15 Sep 2017 11:51
 Operator : SJ/JU
 Sample : I5161-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-8-0-13

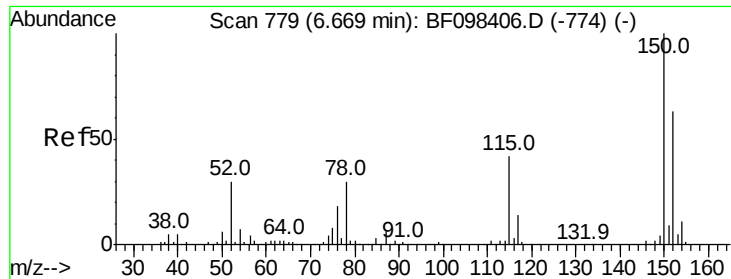
Quant Time: Sep 15 13:24:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 15 13:23:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	139828	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	578896	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	263770	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	442761	20.00	ng	0.00
75) Chrysene-d12	13.80	240	283001	20.00	ng	0.00
86) Perylene-d12	15.20	264	303095	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1081450	114.35	ng	0.01
7) Phenol-d6	6.30	99	1373094	114.35	ng	0.00
23) Nitrobenzene-d5	7.22	82	820968	79.06	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	228521	129.81	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1112881	71.51	ng	0.00
78) Terphenyl-d14	12.75	244	774387	59.06	ng	0.00

Target Compounds				Qvalue		
10) Phenol	6.32	94	43057	3.087	ng	# 76
17) 2-Methylphenol	7.10	107	19686	2.321	ng	# 73
19) n-Nitroso-di-n-propylamine	7.22	70	111858	14.810	ng	# 78
25) Isophorone	7.22	82	820836	39.070	ng	# 67
32) Benzoic acid	7.75	122	711	8.067	ng	89
49) Dimethylphthalate	9.40	163	237844	11.649	ng	98
55) 4-Nitrophenol	9.89	139	6448	2.217	ng	# 37
56) 2,4-Dinitrotoluene	9.68	165	33783	6.626	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.47	198	633	5.173	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	17054	4.058	ng	# 1
70) Phenanthrene	11.19	178	374969	15.975	ng	98
71) Anthracene	11.24	178	89857	3.729	ng	94
74) Fluoranthene	12.37	202	563478	23.981	ng	97
77) Pyrene	12.60	202	465724	20.861	ng	100
80) Benzo(a)anthracene	13.79	228	226747	13.666	ng	98
82) Chrysene	13.83	228	222015	13.238	ng	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	32061	2.638	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.54	276	112082	9.525	ng	# 91
87) Benzo(b)fluoranthene	14.81	252	361880	18.989	ng	98
88) Benzo(k)fluoranthene	15.09	252	125765	7.069	ng	98
89) Benzo(a)pyrene	15.14	252	200541	11.811	ng	99
90) Dibenzo(a,h)anthracene	16.54	278	28806	2.332	ng	# 71
91) Benzo(g,h,i)perylene	16.94	276	100474	8.088	ng	92

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

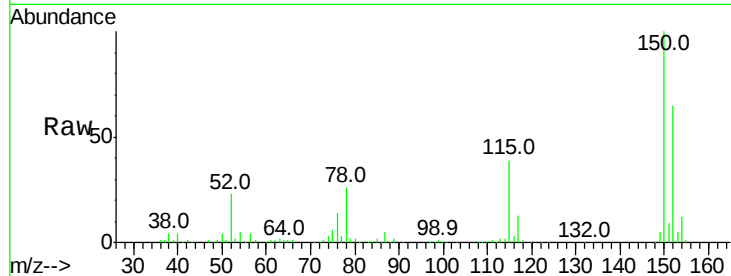


#1

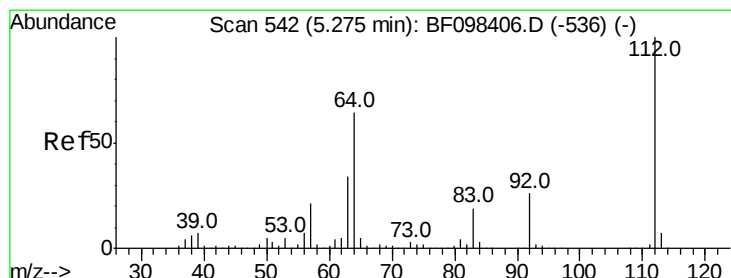
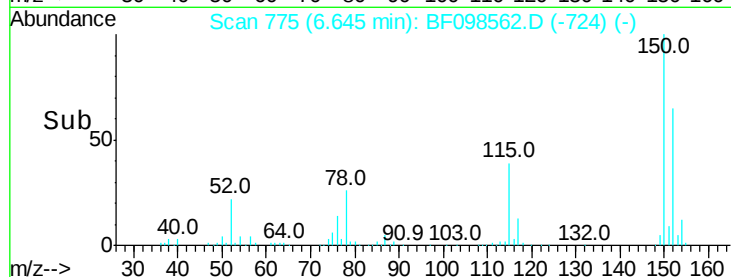
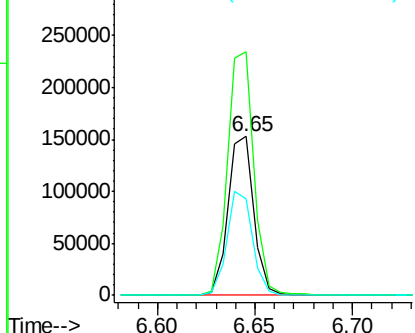
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

Tot Ion:152 Resp: 139828
Ion Ratio Lower Upper
152 100
150 153.1 126.2 189.2
115 60.4 52.2 78.2



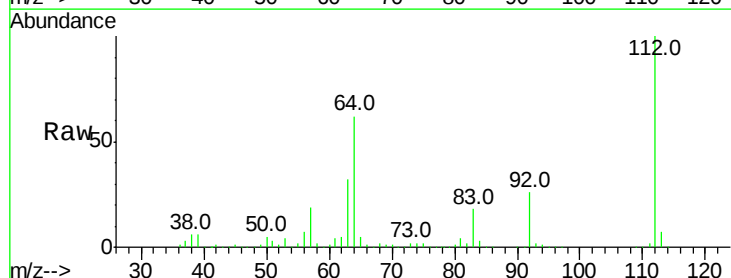
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



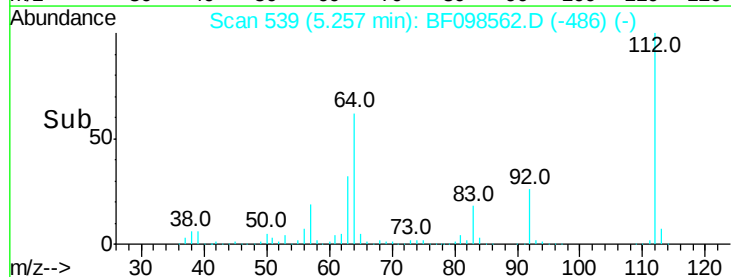
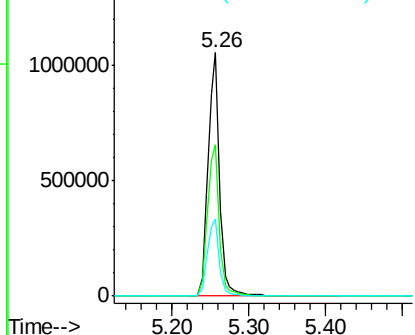
#5

2-Fluorophenol
Concen: 114.351 ng
RT: 5.26 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:112 Resp: 1081450
Ion Ratio Lower Upper
112 100
64 62.1 46.0 69.0
63 31.8 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: 114.352 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

Instrument :

BNA_F

ClientSampleId :

RL-8-0-13

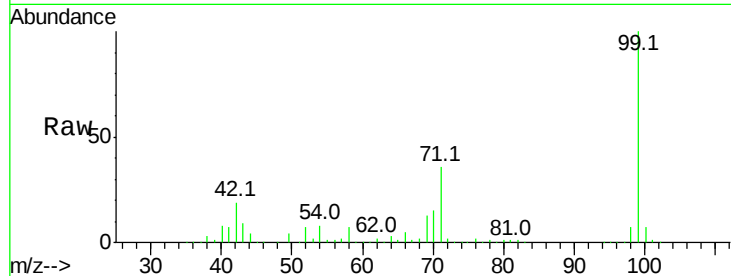
Tot Ion: 99 Resp: 1373094

Ion Ratio Lower Upper

99 100

42 18.9 13.5 20.3

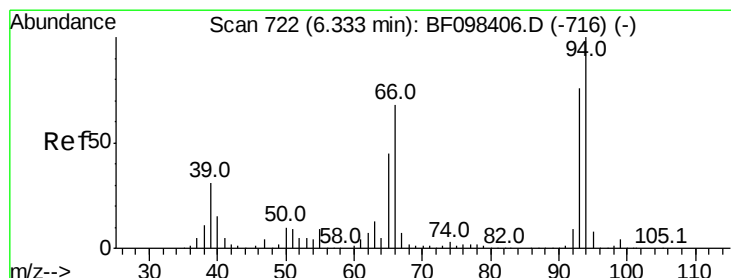
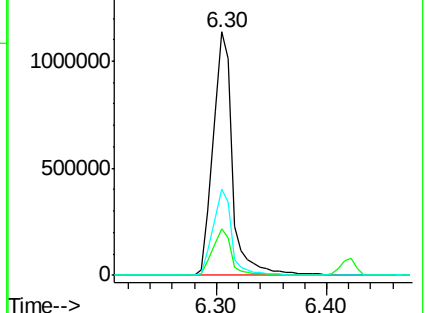
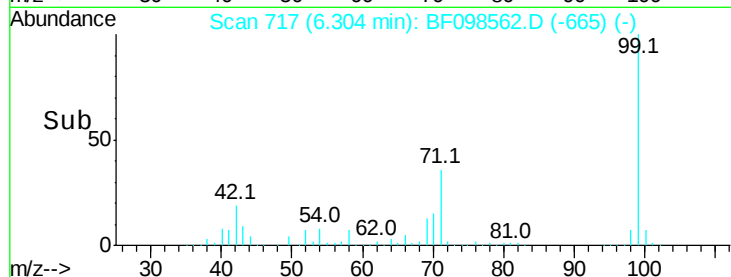
71 35.6 24.5 36.7



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



#10

Phenol

Concen: 3.087 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

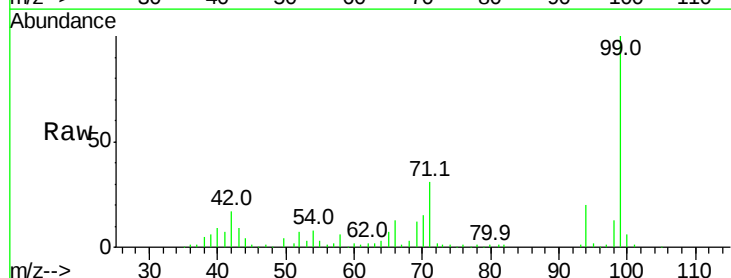
Tgt Ion: 94 Resp: 43057

Ion Ratio Lower Upper

94 100

65 34.1 9.9 49.9

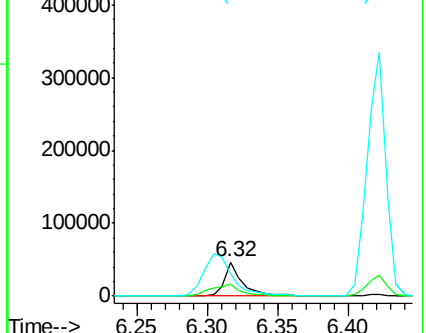
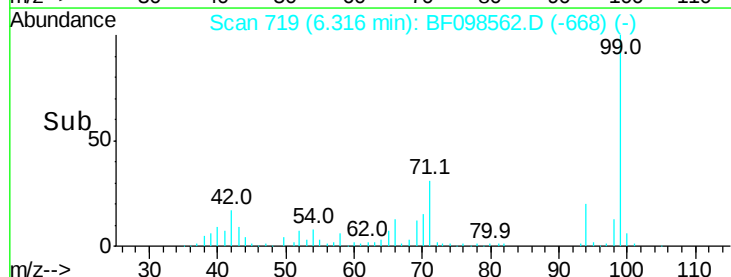
66 65.6 23.1 63.1#

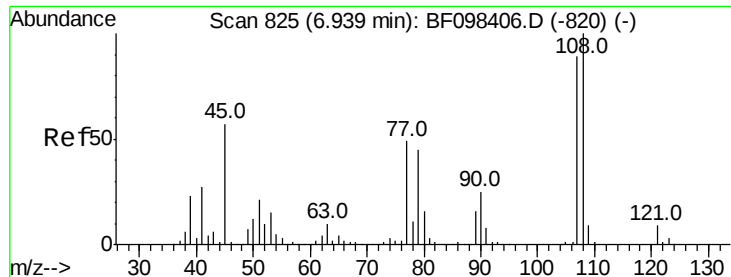


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

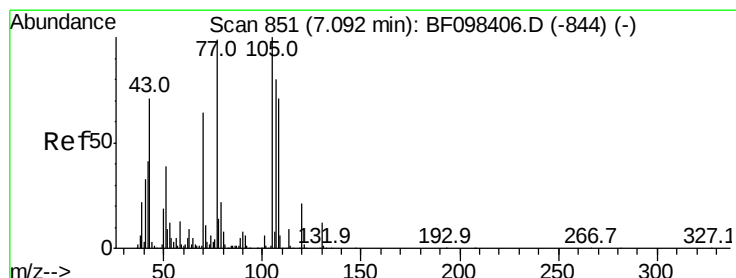
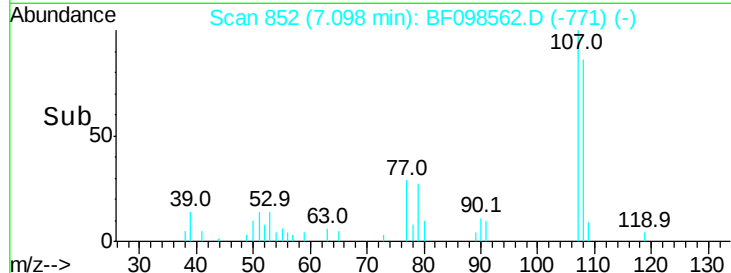
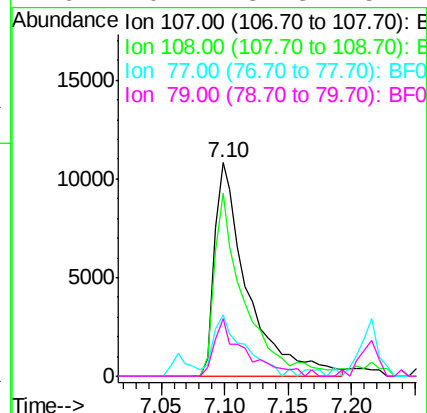
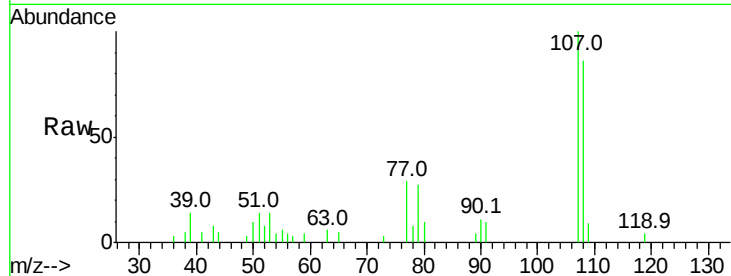




#17
 2-Methylphenol
 Concen: 2.321 ng
 RT: 7.10 min Scan# 852
 Delta R.T. 0.18 min
 Lab File: BF098562.D
 Acq: 15 Sep 2017 11:51

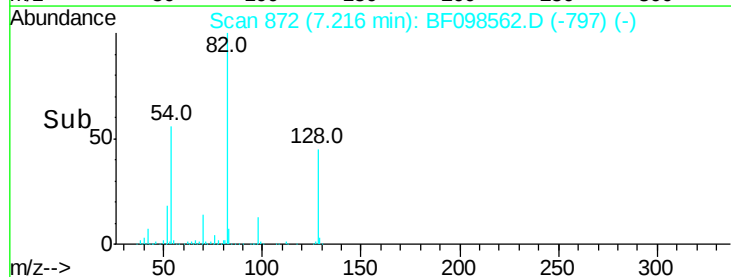
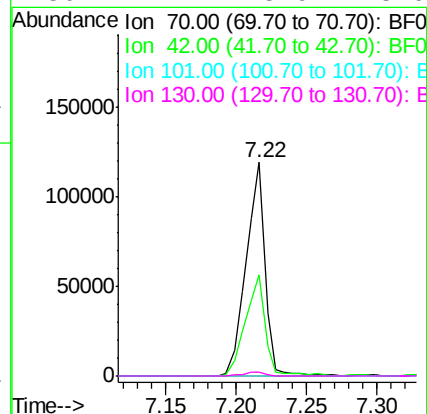
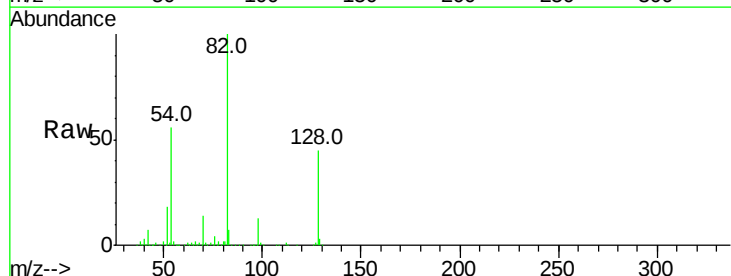
Instrument :
 BNA_F
 ClientSampleId :
 RL-8-0-13

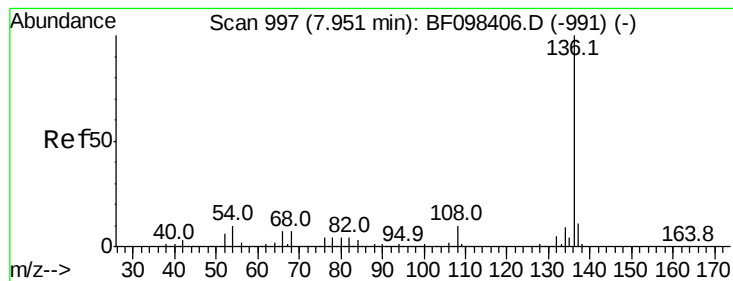
Tot Ion	Ratio	Lower	Upper
107	100		
108	85.7	93.4	140.0#
77	28.7	35.8	53.6#
79	26.7	34.8	52.2#



#19
 n-Nitroso-di-n-propylamine
 Concen: 14.810 ng
 RT: 7.22 min Scan# 872
 Delta R.T. 0.14 min
 Lab File: BF098562.D
 Acq: 15 Sep 2017 11:51

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

Instrument :

BNA_F

ClientSampleId :

RL-8-0-13

Tot Ion:136 Resp: 578896

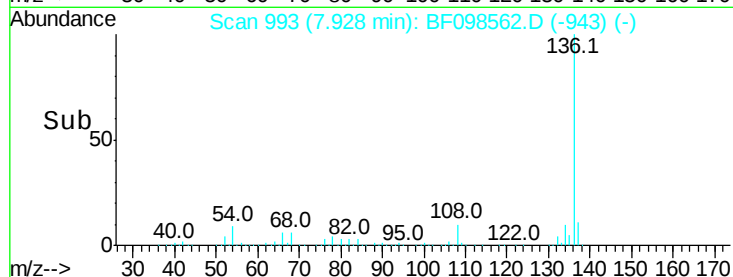
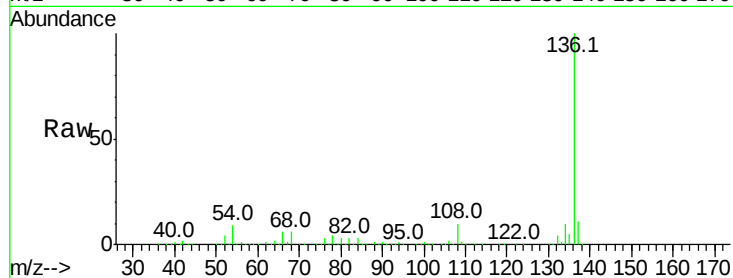
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.6 4.9 7.3#

68 5.9 4.1 6.1

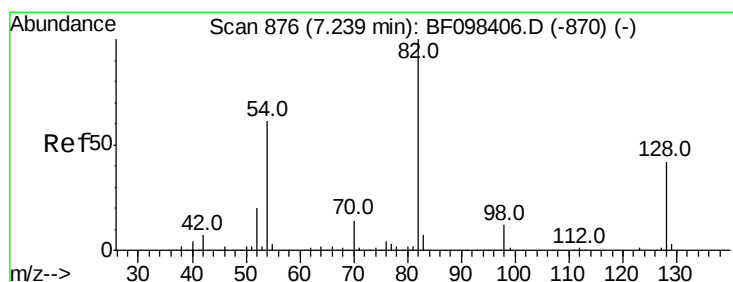
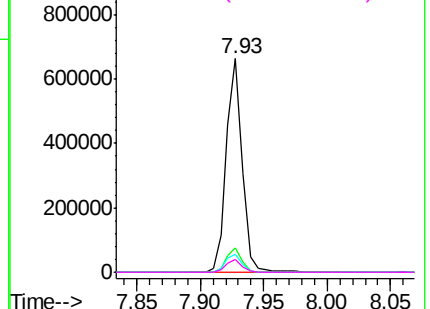


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.062 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

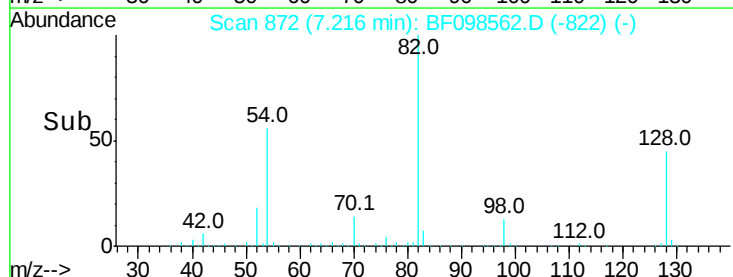
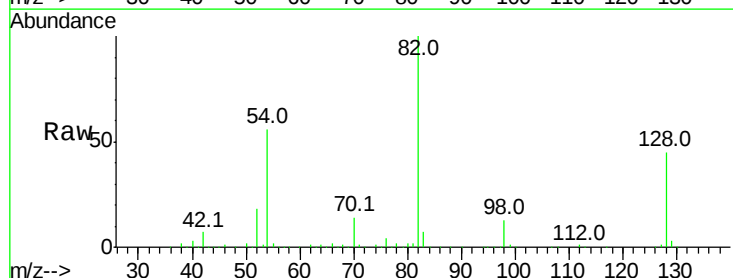
Tgt Ion: 82 Resp: 820968

Ion Ratio Lower Upper

82 100

128 45.2 34.0 51.0

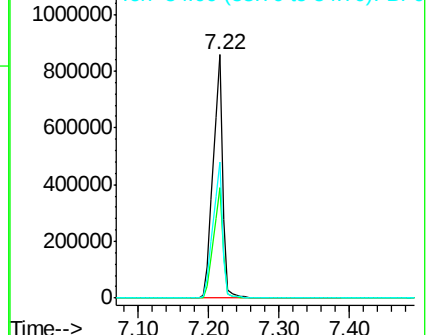
54 55.7 42.2 63.2

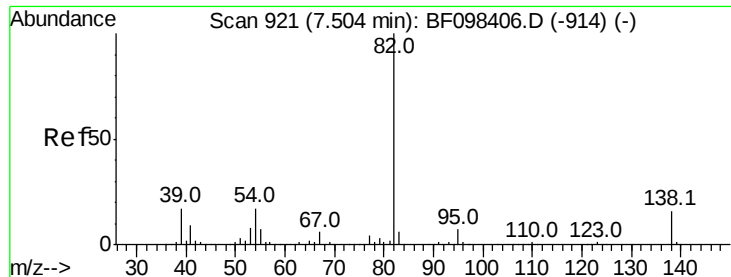


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 39.070 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.26 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

Instrument :

BNA_F

ClientSampleID :

RL-8-0-13

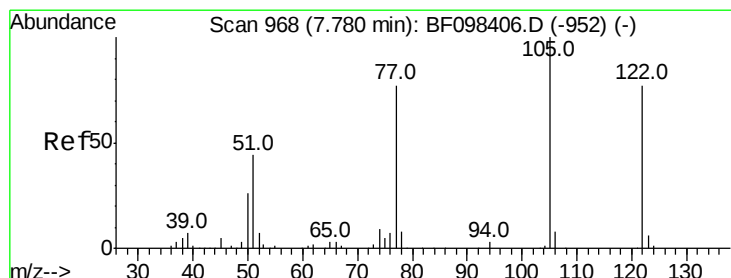
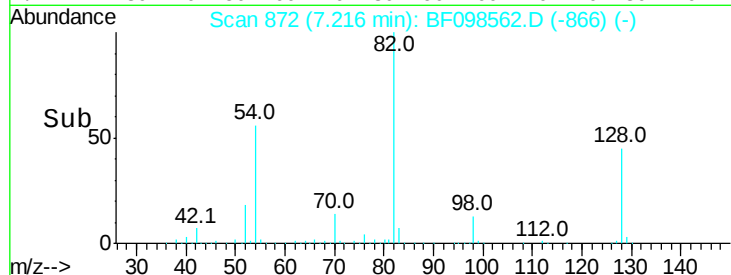
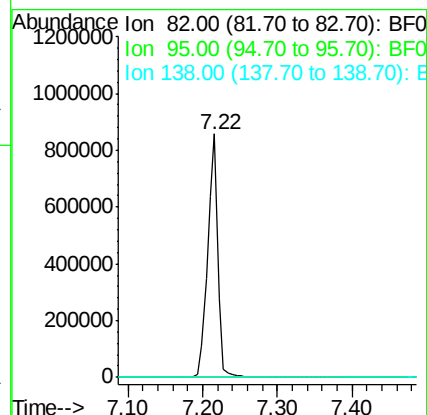
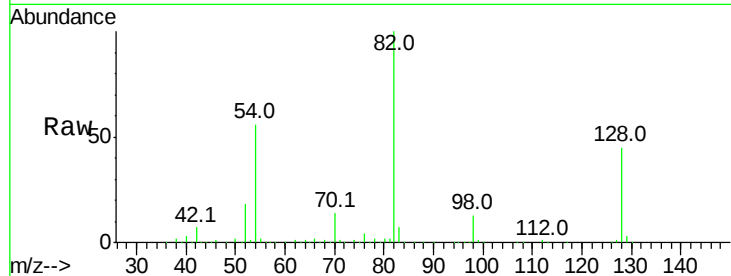
Tot Ion: 82 Resp: 820836

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#32

Benzoic acid

Concen: 8.067 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

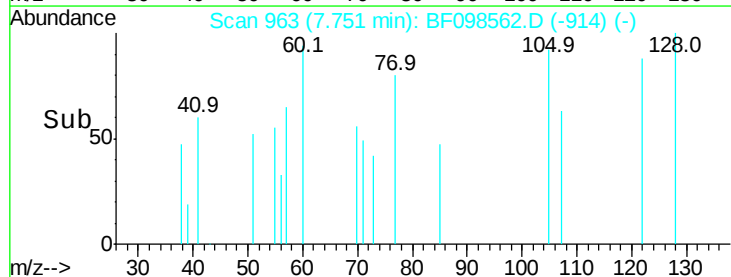
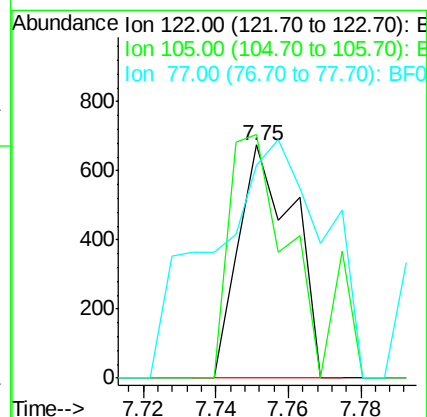
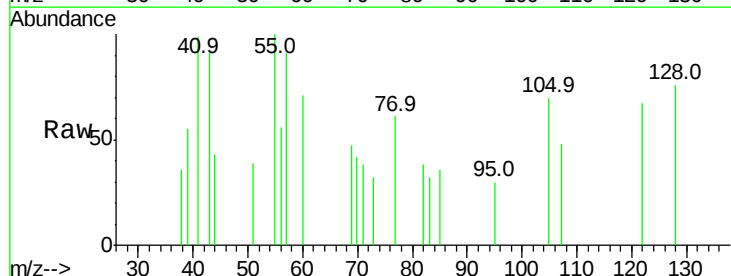
Tgt Ion:122 Resp: 711

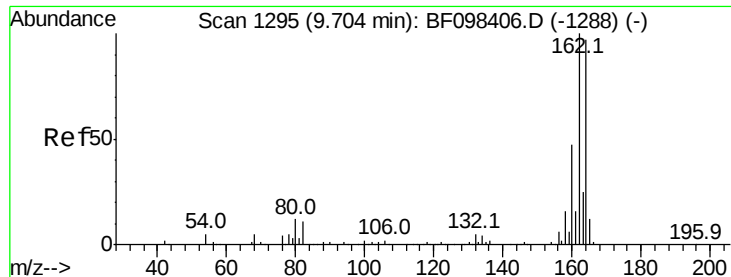
Ion Ratio Lower Upper

122 100

105 104.6 103.3 143.3

77 91.2 73.7 113.7

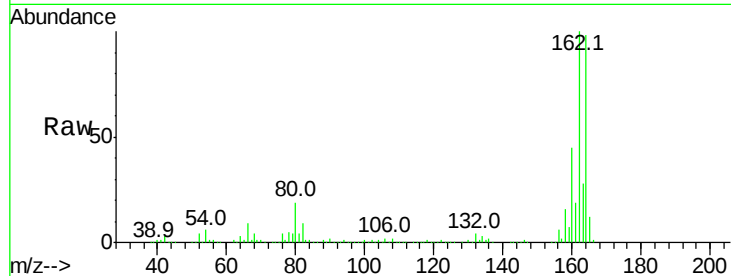




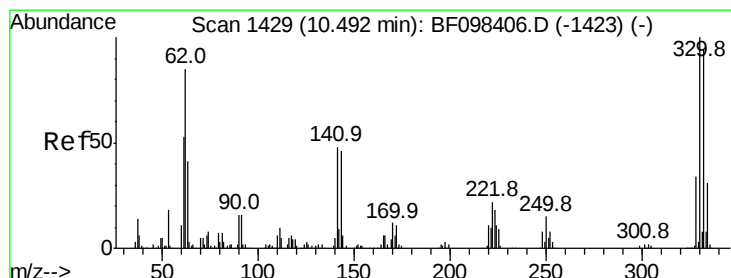
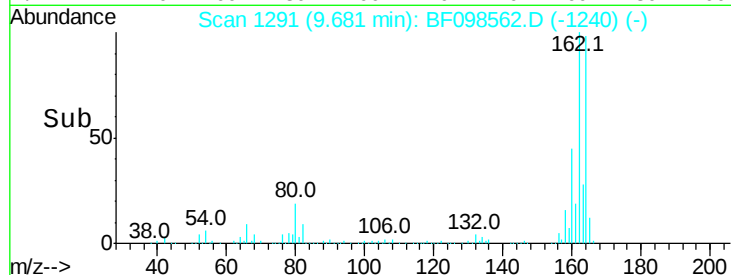
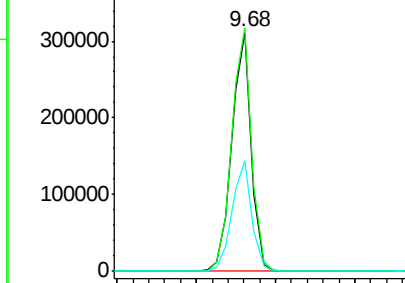
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF098562.D
 Acq: 15 Sep 2017 11:51

Instrument :
 BNA_F
 ClientSampleId :
 RL-8-0-13

Tot Ion:164 Resp: 263770
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 123.8
 160 46.0 36.2 54.2

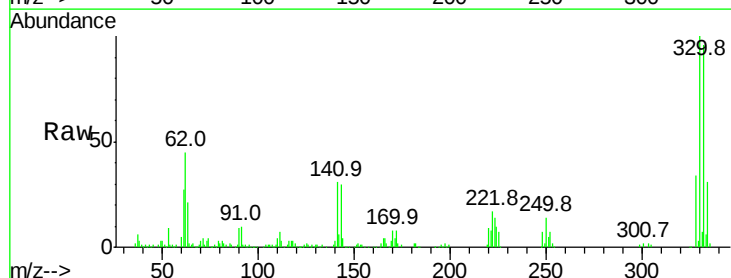


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

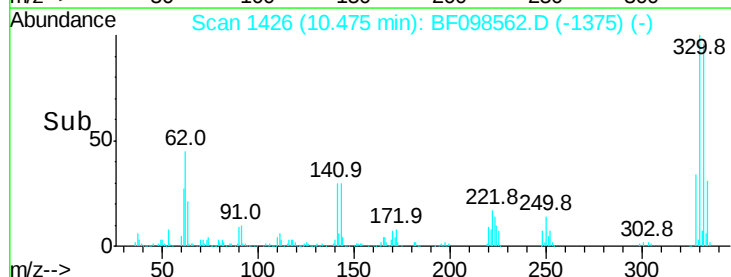
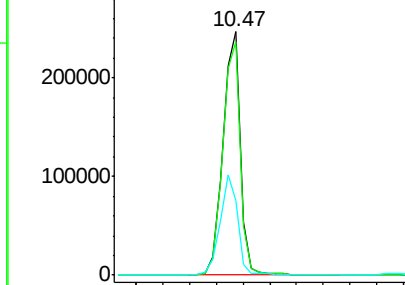


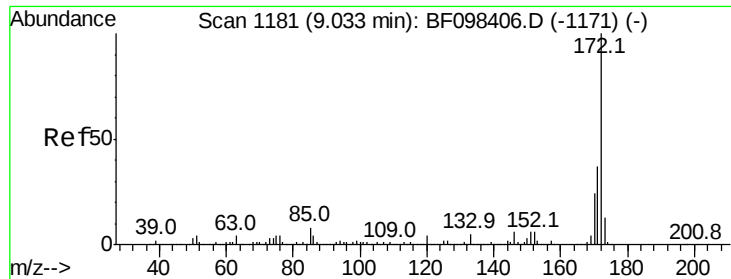
#41
 2,4,6-Tribromophenol
 Concen: 129.808 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF098562.D
 Acq: 15 Sep 2017 11:51

Tgt Ion:330 Resp: 228521
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 41.0 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

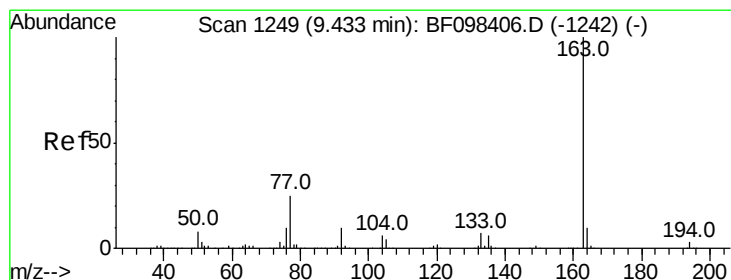
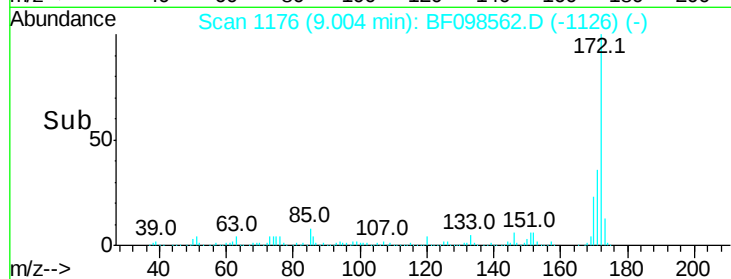
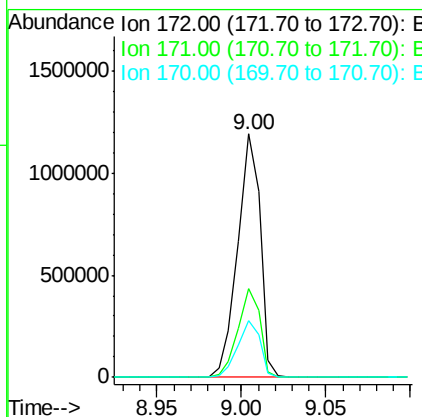
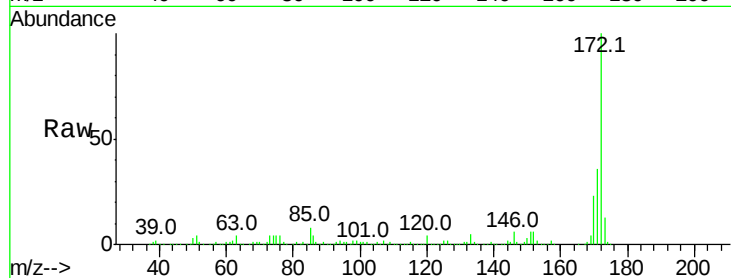




#44
2-Fluorobiphenyl
Concen: 71.511 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

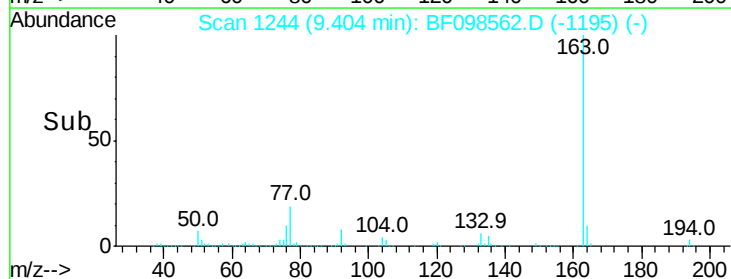
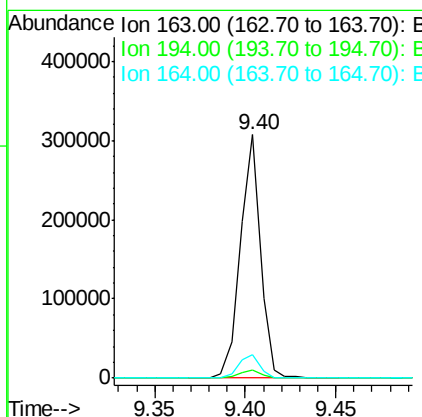
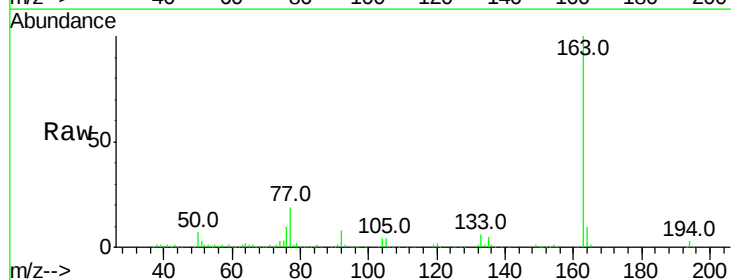
Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

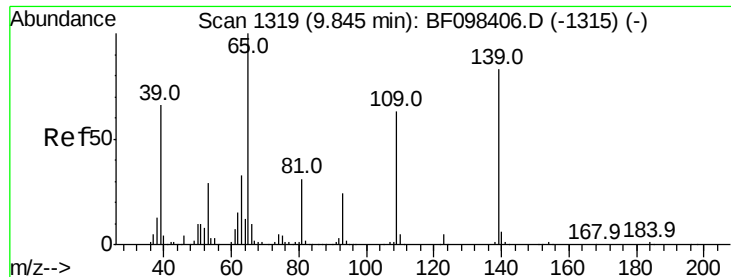
Tot Ion:172 Resp: 1112881
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 11.649 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:163 Resp: 237844
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 8.4 12.6

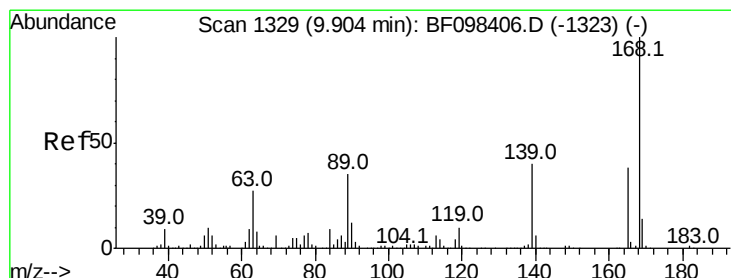
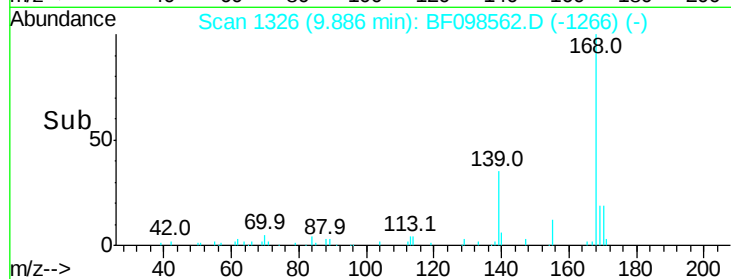
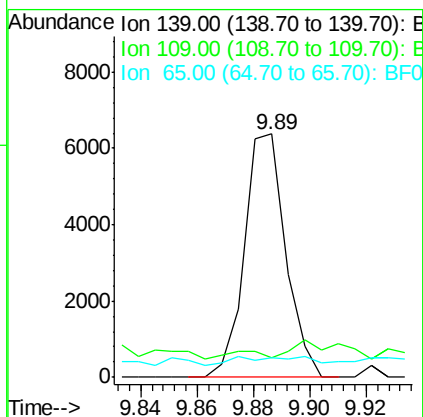
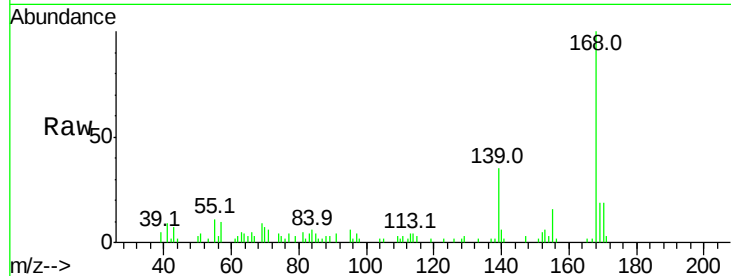




#55
4-Nitrophenol
Concen: 2.217 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.05 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

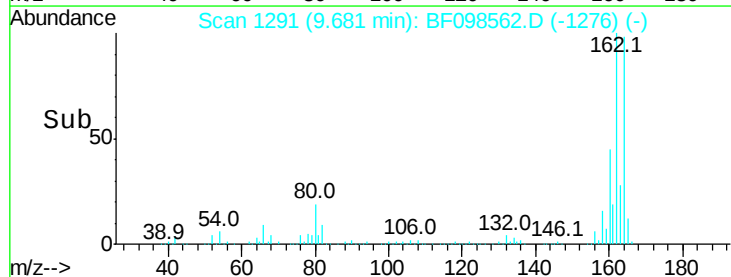
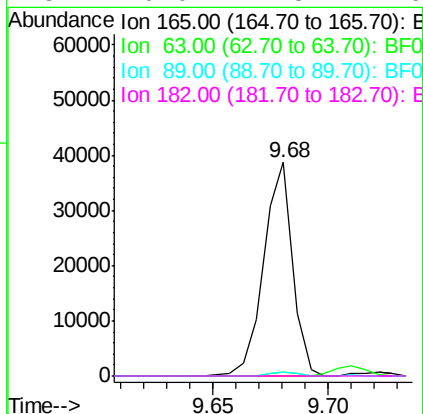
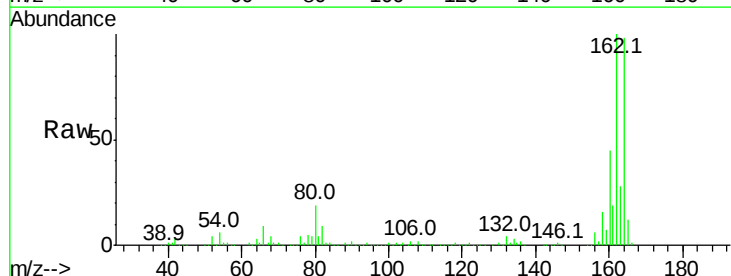
Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

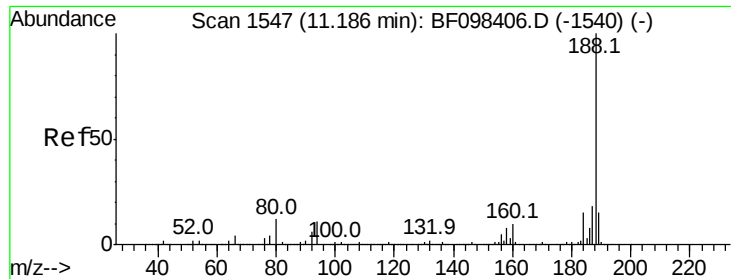
Tot Ion	Ratio	Lower	Upper
139	100		
109	8.2	34.1	74.1#
65	8.0	31.4	71.4#



#56
2,4-Dinitrotoluene
Concen: 6.626 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.21 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

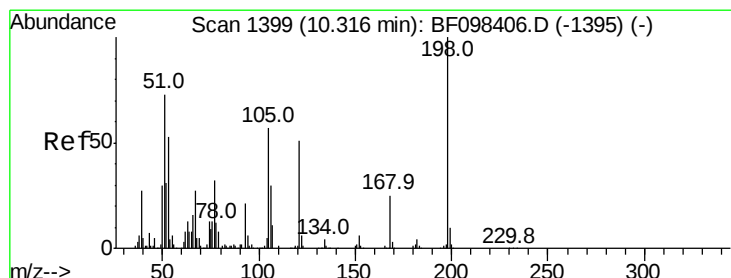
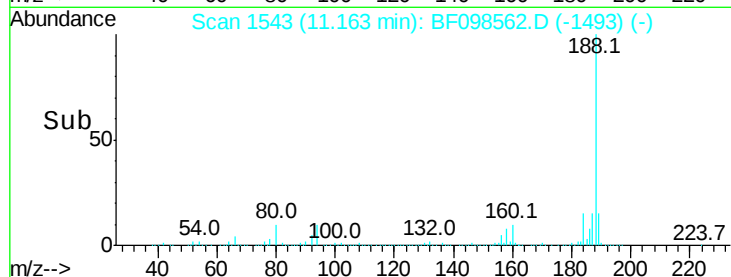
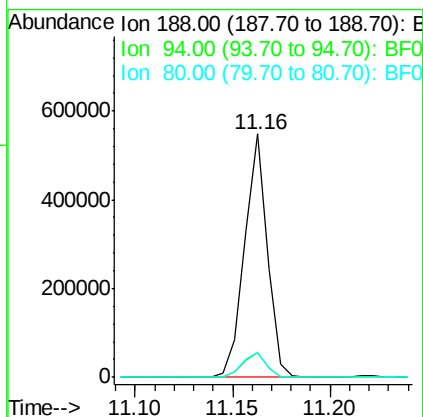
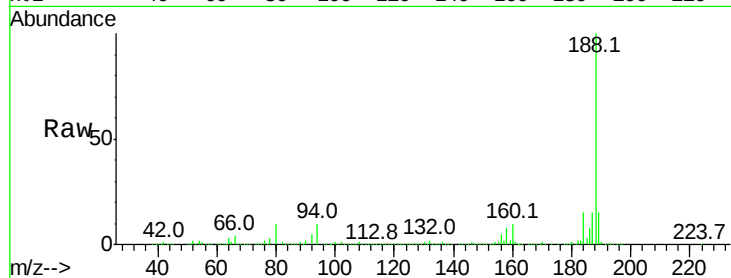




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

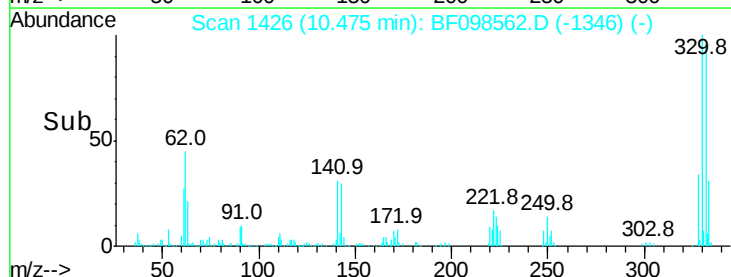
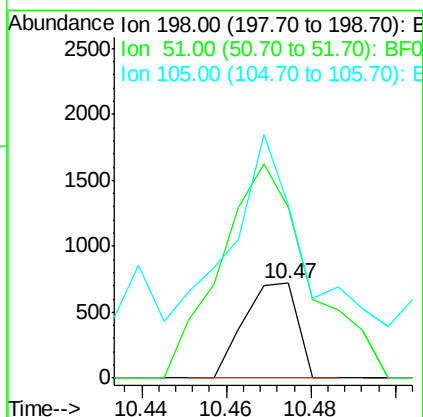
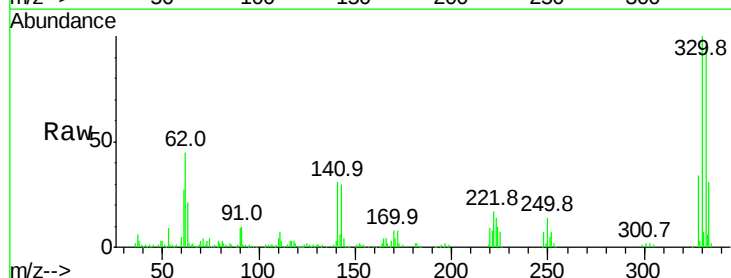
Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

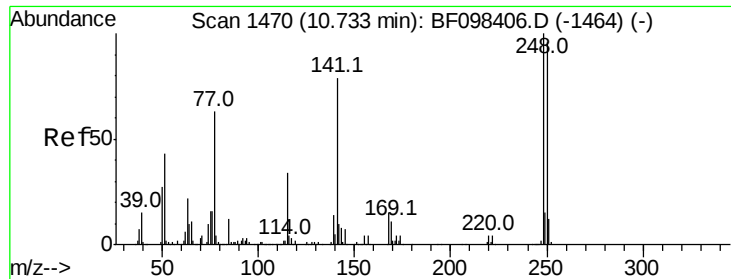
Tot Ion:188 Resp: 442761
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 5.173 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.17 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:198 Resp: 633
Ion Ratio Lower Upper
198 100
51 179.7 53.2 93.2#
105 183.4 45.8 85.8#

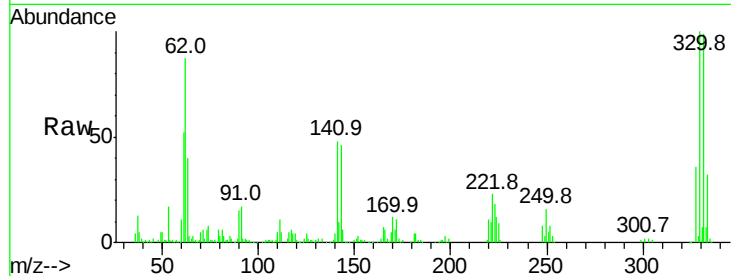




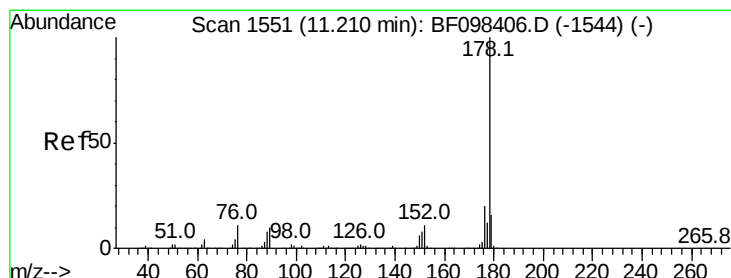
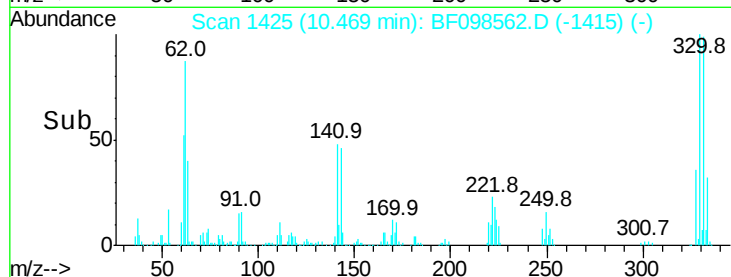
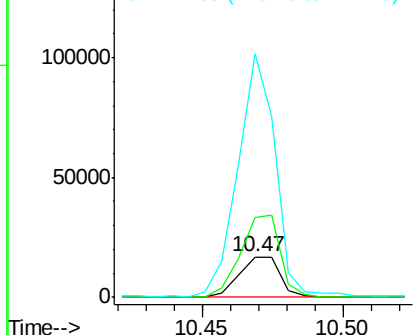
#66
 4-Bromophenyl-phenylether
 Concen: 4.058 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.24 min
 Lab File: BF098562.D
 Acq: 15 Sep 2017 11:51

Instrument :
 BNA_F
 ClientSampleId :
 RL-8-0-13

Tot Ion:248 Resp: 17054
 Ion Ratio Lower Upper
 248 100
 250 198.3 76.8 115.2#
 141 602.1 68.6 103.0#

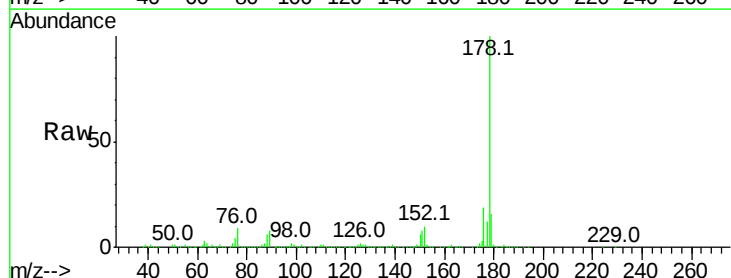


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

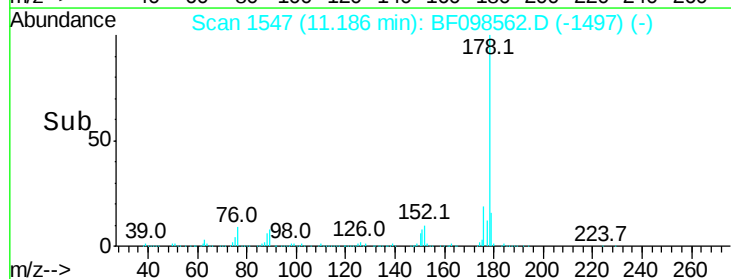
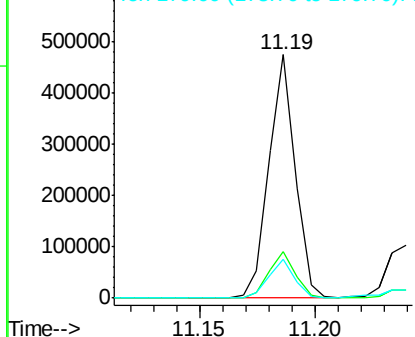


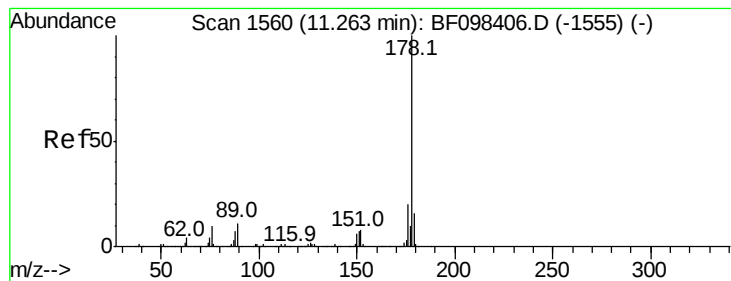
#70
 Phenanthrene
 Concen: 15.975 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF098562.D
 Acq: 15 Sep 2017 11:51

Tgt Ion:178 Resp: 374969
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.8 12.6 19.0



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





#71

Anthracene

Concen: 3.729 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

Instrument :

BNA_F

ClientSampleId :

RL-8-0-13

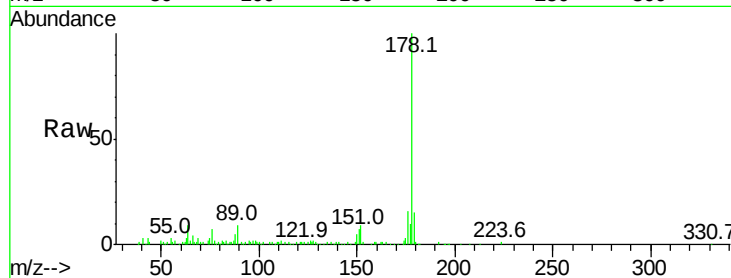
Tot Ion:178 Resp: 89857

Ion Ratio Lower Upper

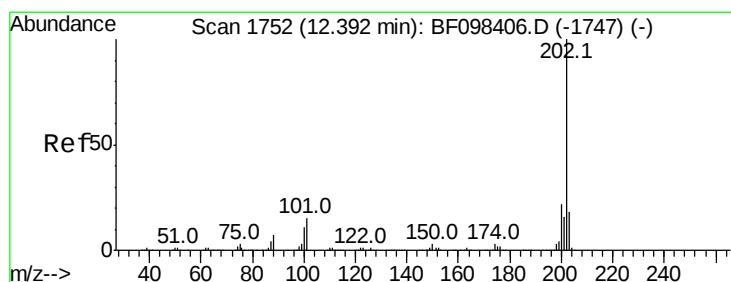
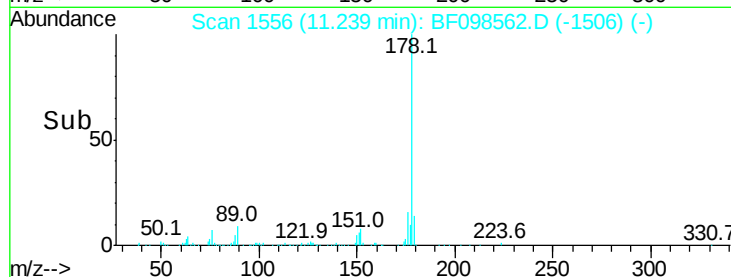
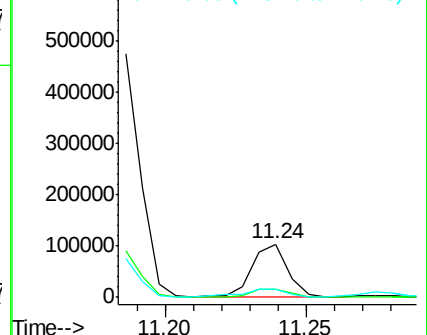
178 100

176 16.3 15.8 23.8

179 14.5 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



#74

Fluoranthene

Concen: 23.981 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

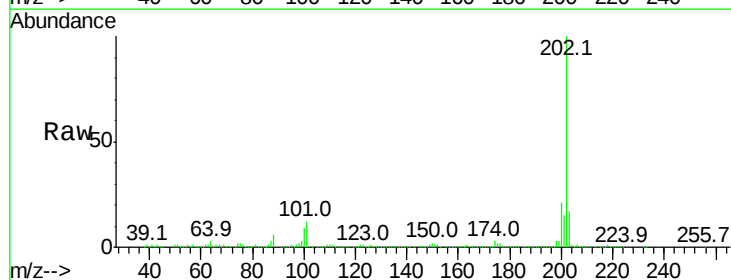
Tgt Ion:202 Resp: 563478

Ion Ratio Lower Upper

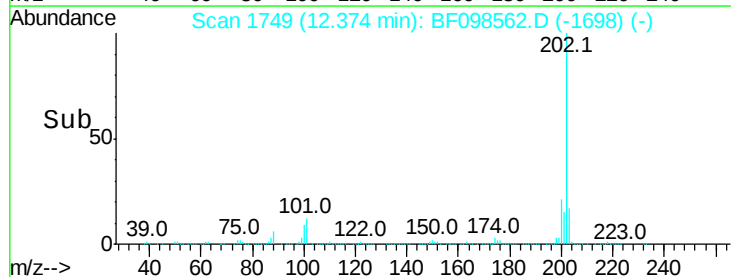
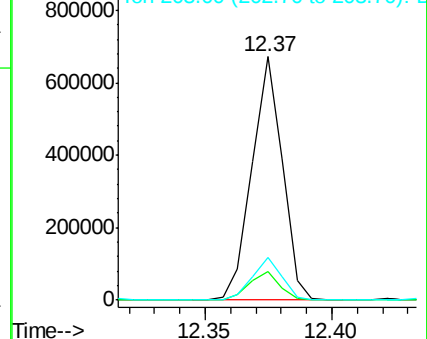
202 100

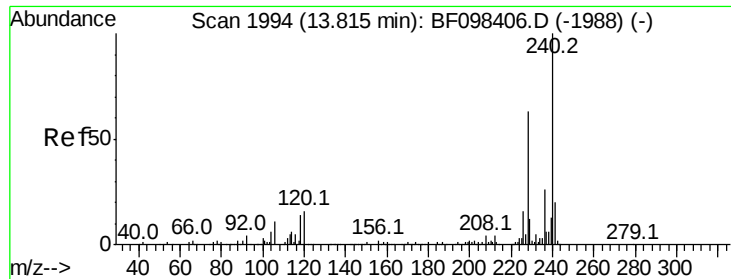
101 11.8 0.0 33.2

203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

Instrument :

BNA_F

ClientSampleId :

RL-8-0-13

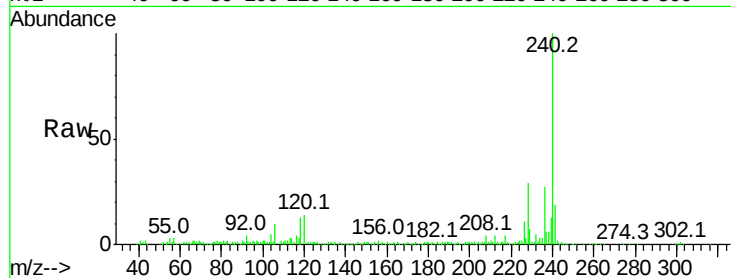
Tot Ion:240 Resp: 283001

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

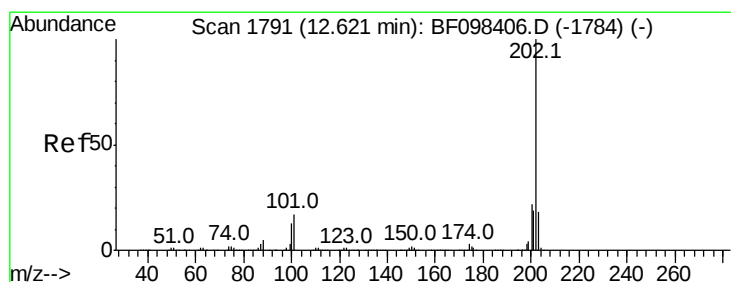
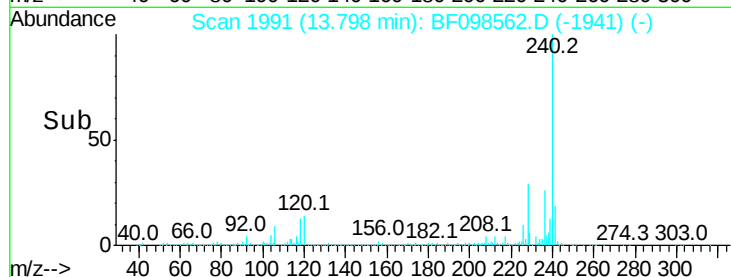
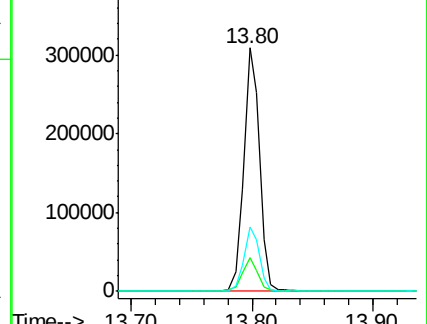
236 26.6 20.5 30.7



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: 20.861 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

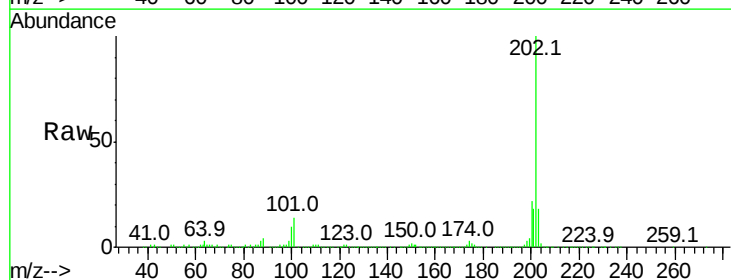
Tgt Ion:202 Resp: 465724

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

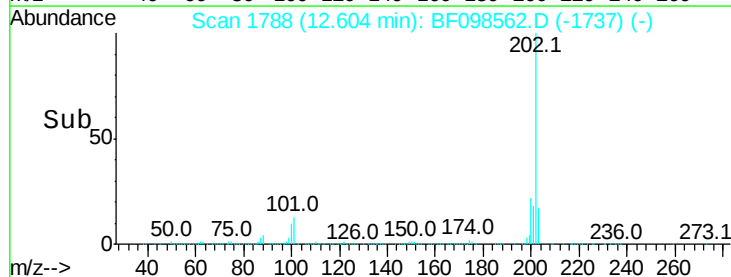
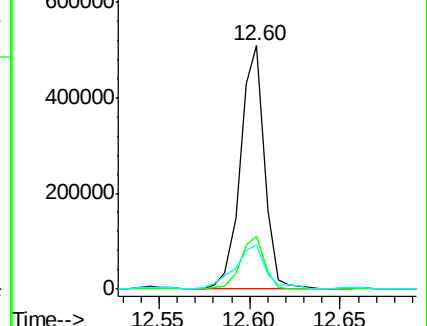
203 17.9 14.4 21.6

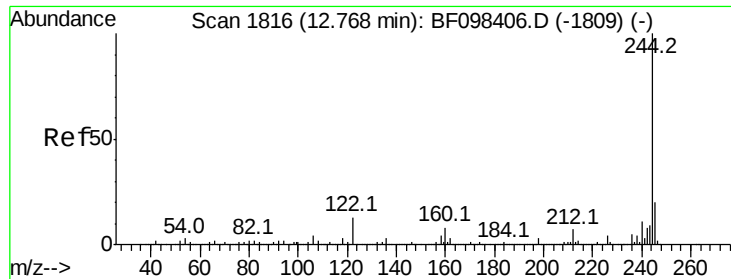


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 59.063 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

Instrument :

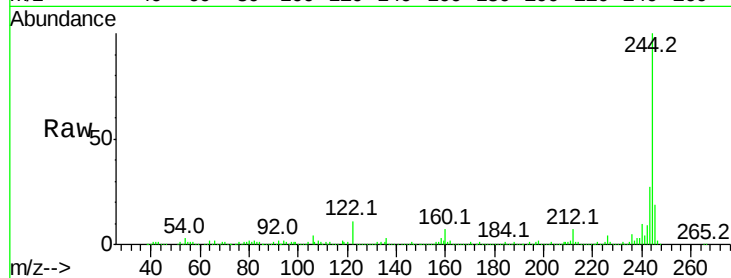
BNA_F

ClientSampleId :

RL-8-0-13

Tot Ion:244 Resp: 774387

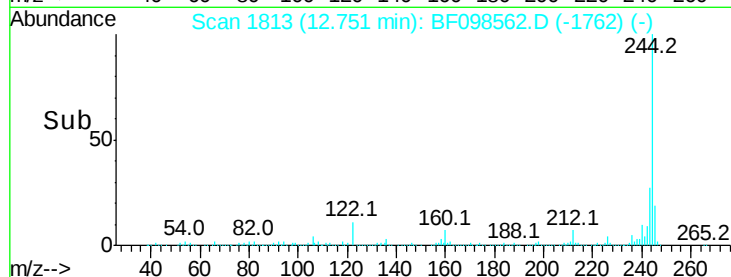
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.0	10.3	15.5



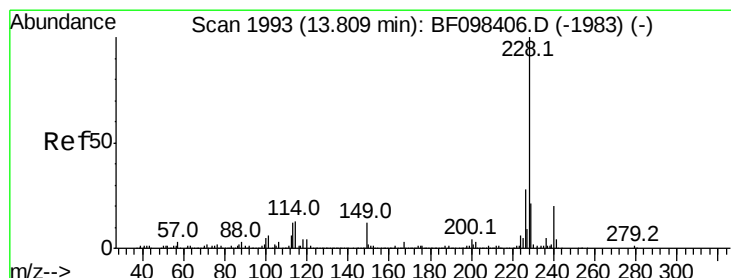
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 13.666 ng

RT: 13.79 min Scan# 1990

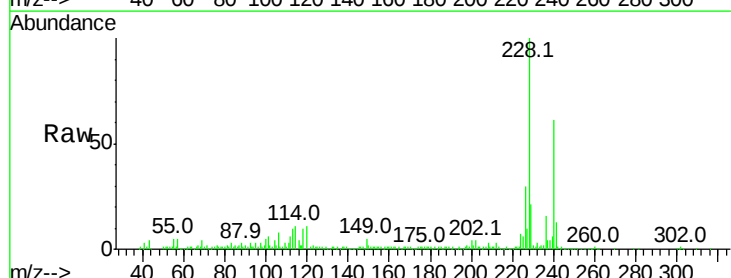
Delta R.T. 0.00 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

Tgt Ion:228 Resp: 226747

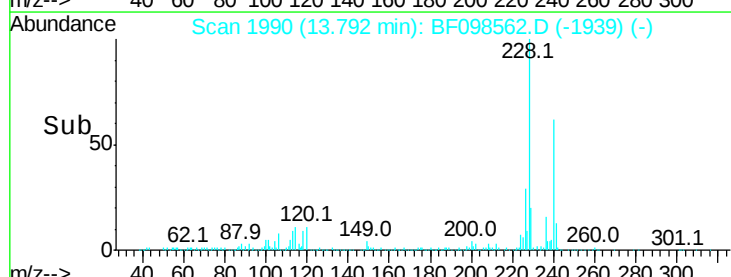
Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	21.0	16.3	24.5



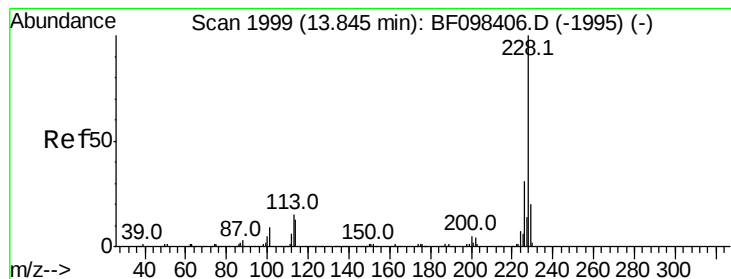
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

Chrysene

Concen: 13.238 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

Instrument :

BNA_F

ClientSampleId :

RL-8-0-13

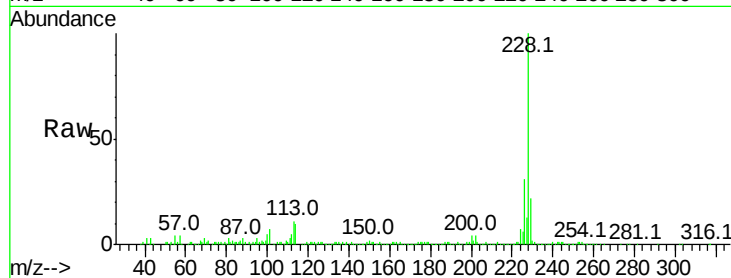
Tot Ion:228 Resp: 222015

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

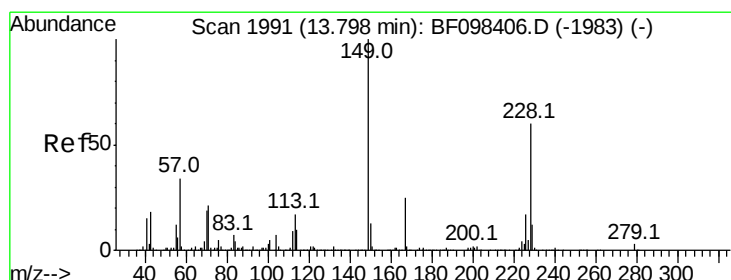
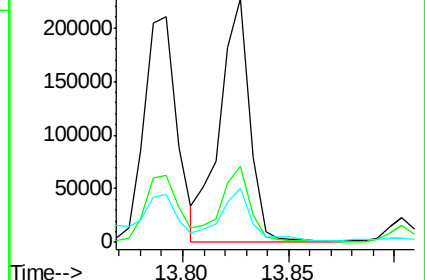
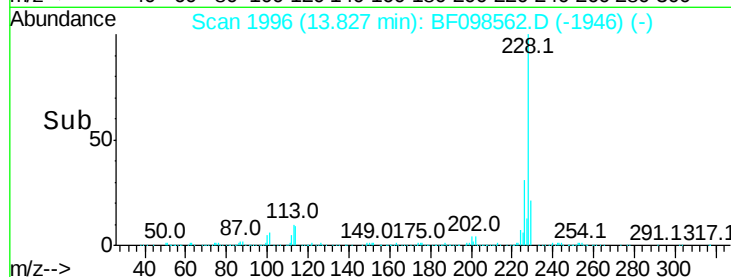
229 22.2 15.8 23.6



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: 2.638 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

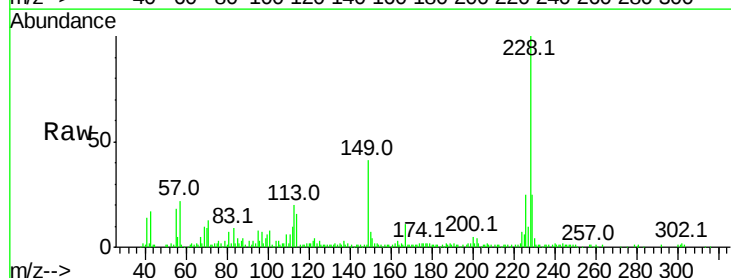
Tgt Ion:149 Resp: 32061

Ion Ratio Lower Upper

149 100

167 27.7 21.0 31.4

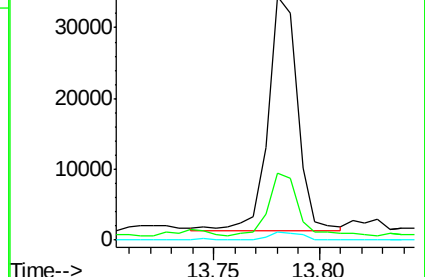
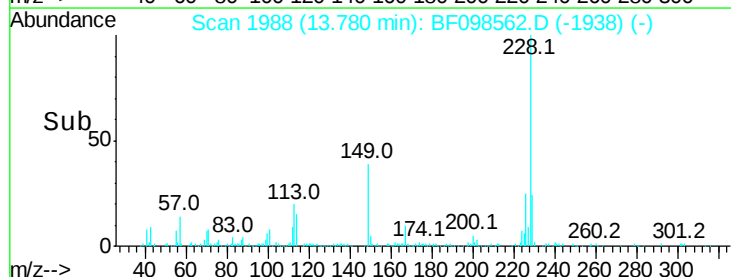
279 3.4 1.9 2.9#

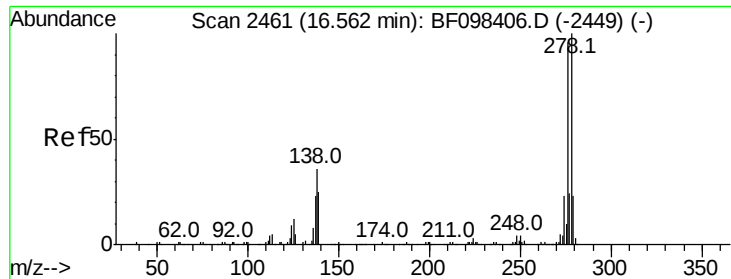


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 9.525 ng

RT: 16.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

Instrument :

BNA_F

ClientSampleId :

RL-8-0-13

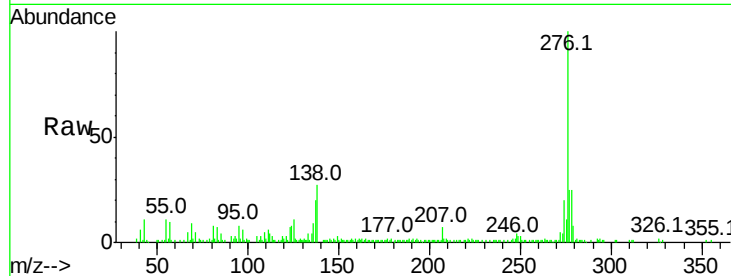
Tot Ion:276 Resp: 112082

Ion Ratio Lower Upper

276 100

138 26.9 27.8 41.6#

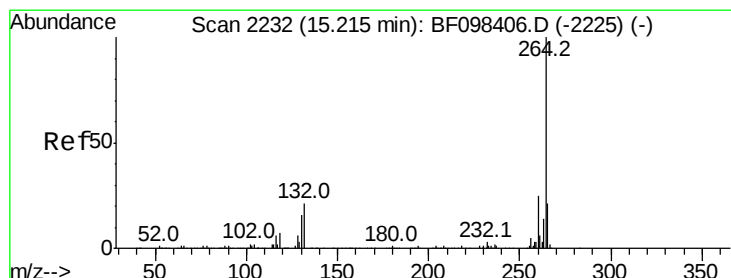
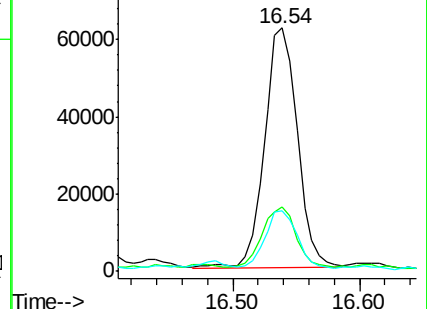
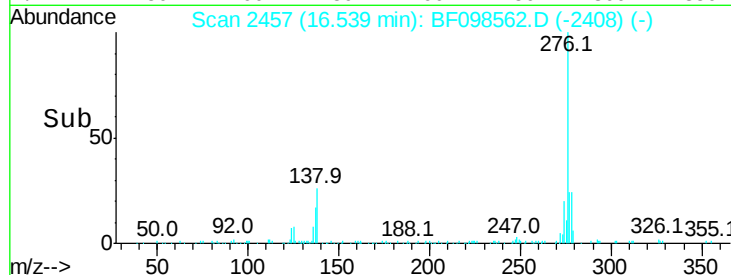
277 24.0 20.2 30.4



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: 15.20 min Scan# 2230

Delta R.T. 0.01 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

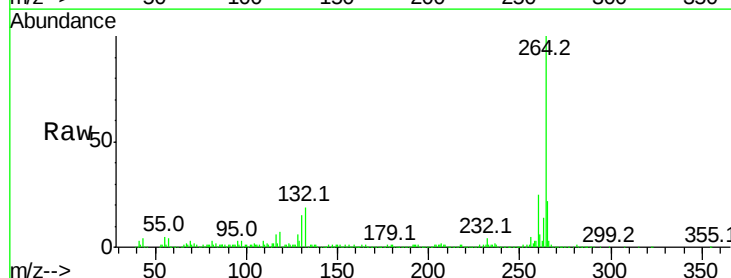
Tgt Ion:264 Resp: 303095

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

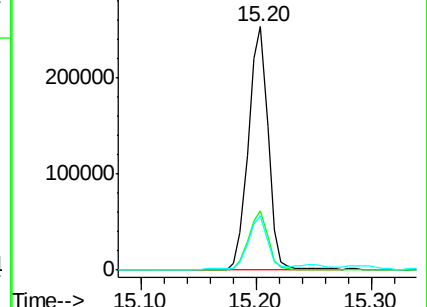
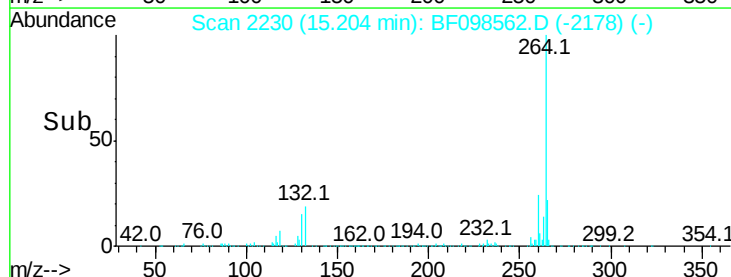
265 22.5 17.2 25.8

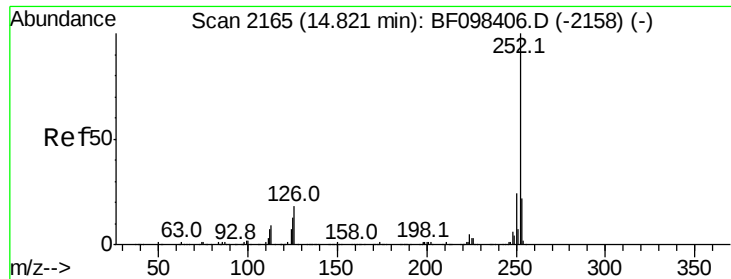


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 18.989 ng

RT: 14.81 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

Instrument :

BNA_F

ClientSampleId :

RL-8-0-13

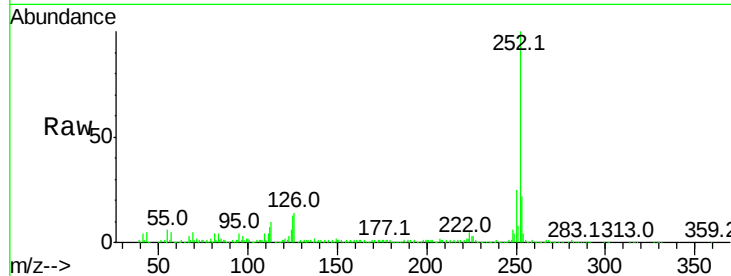
Tot Ion:252 Resp: 361880

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

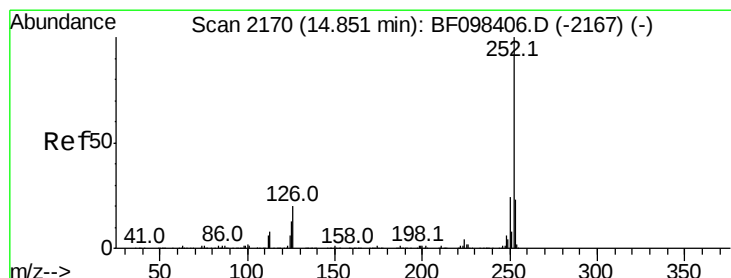
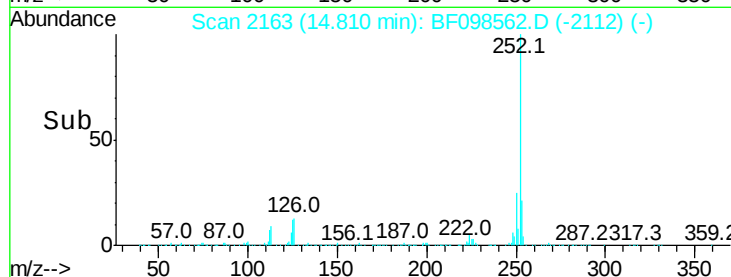
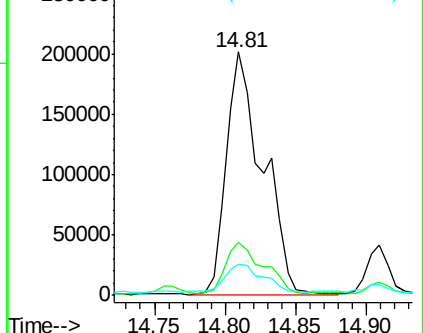
125 13.0 9.8 14.8



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: 7.069 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.25 min

Lab File: BF098562.D

Acq: 15 Sep 2017 11:51

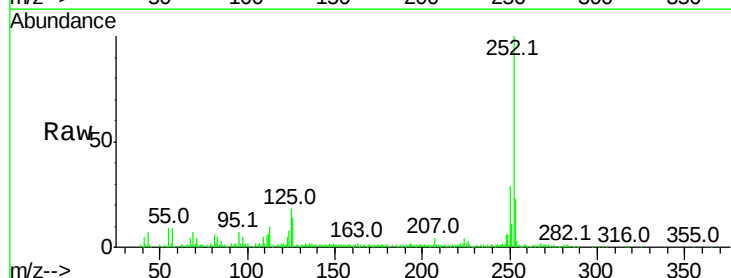
Tgt Ion:252 Resp: 125765

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

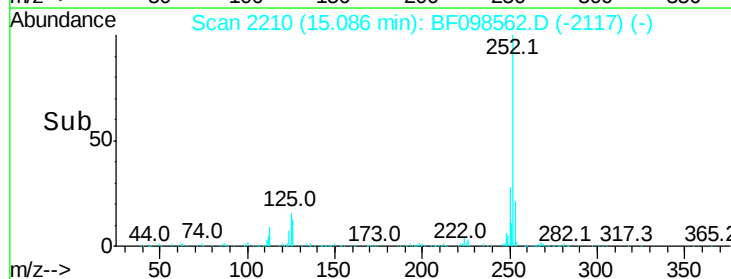
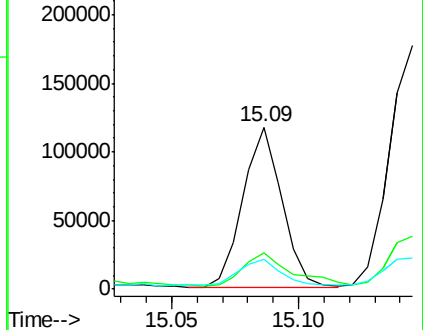
125 18.0 13.1 19.7

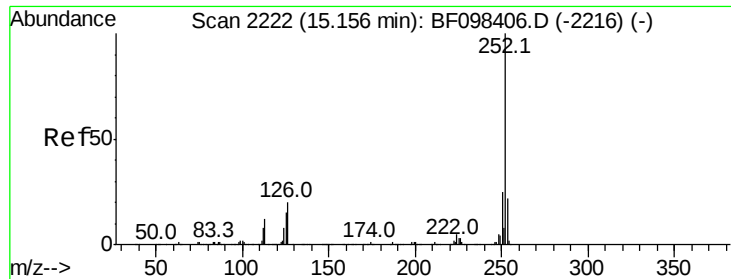


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

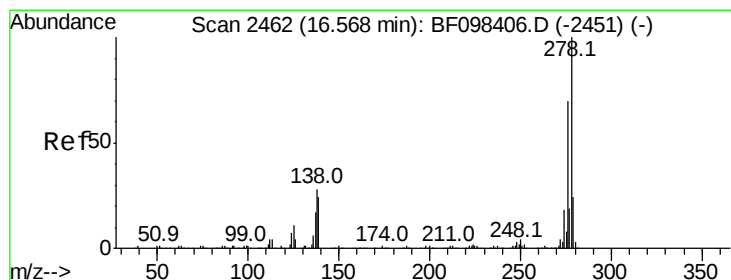
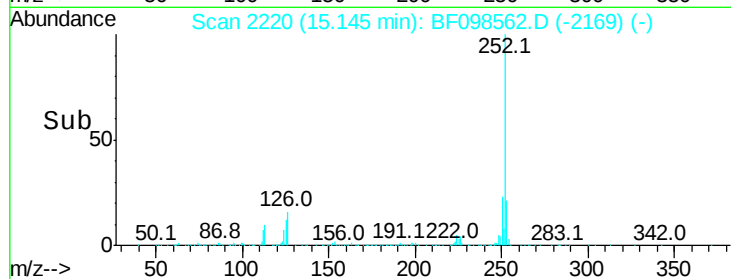
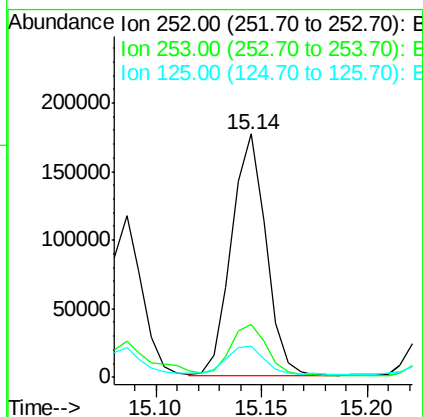
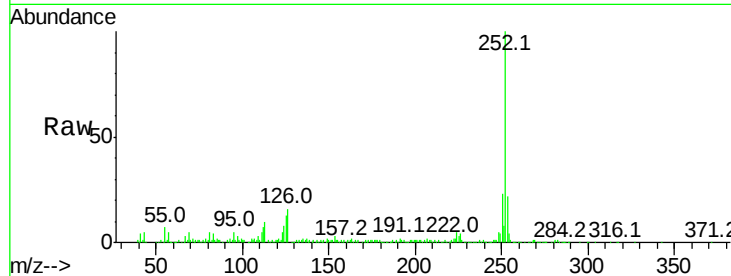




#89
Benzo(a)pyrene
Concen: 11.811 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

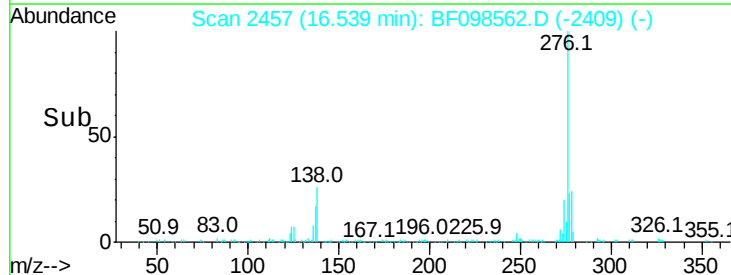
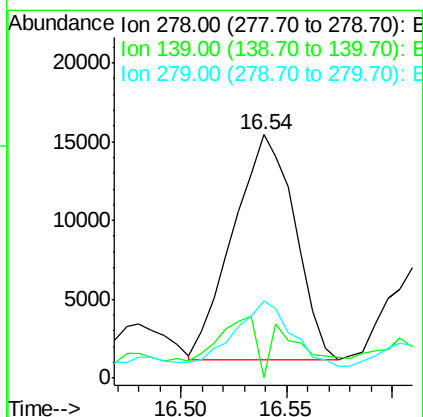
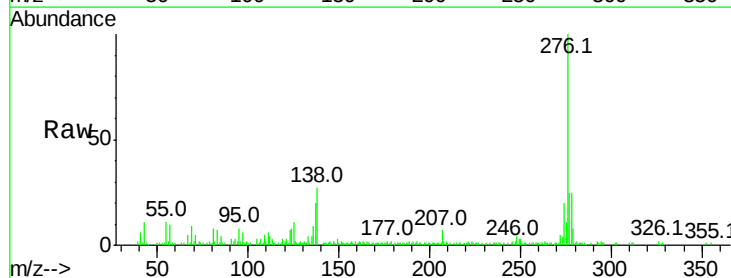
Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

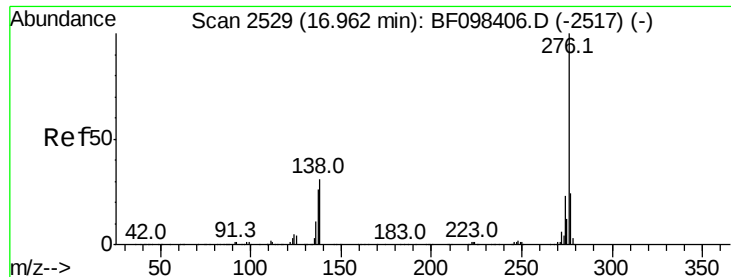
Tot Ion:252 Resp: 200541
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 12.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 2.332 ng
RT: 16.54 min Scan# 2457
Delta R.T. -0.02 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:278 Resp: 28806
Ion Ratio Lower Upper
278 100
139 0.0 16.6 24.8#
279 31.8 19.3 28.9#





#91
 Benzo(a,h,i)perylene
 Concen: 8.088 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. 0.00 min
 Lab File: BF098562.D
 Acq: 15 Sep 2017 11:51

Instrument :
 BNA_F
 ClientSampleId :
 RL-8-0-13

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.6	28.0
138	25.4	25.4	38.0

