

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096093.D
 Acq On : 21 Jun 2017 19:51
 Operator : SJ/MA
 Sample : I3736-10 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G18-1.5-3

Quant Time: Jun 22 01:05:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	65276	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	257049	20.00	ng	0.00
38) Acenaphthene-d10	12.16	164	99631	20.00	ng	0.00
63) Phenanthrene-d10	14.55	188	146600	20.00	ng	0.01
75) Chrysene-d12	18.28	240	135390	20.00	ng	0.00
86) Perylene-d12	19.96	264	88567	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	201671	49.23	ng	0.01
7) Phenol-d6	6.89	99	252884	51.56	ng	0.01
23) Nitrobenzene-d5	8.22	82	144446	34.90	ng	0.00
41) 2,4,6-Tribromophenol	13.46	330	38480	43.65	ng	0.01
44) 2-Fluorobiphenyl	11.11	172	262624	36.68	ng	0.00
78) Terphenyl-d14	16.93	244	191787	35.16	ng	0.00

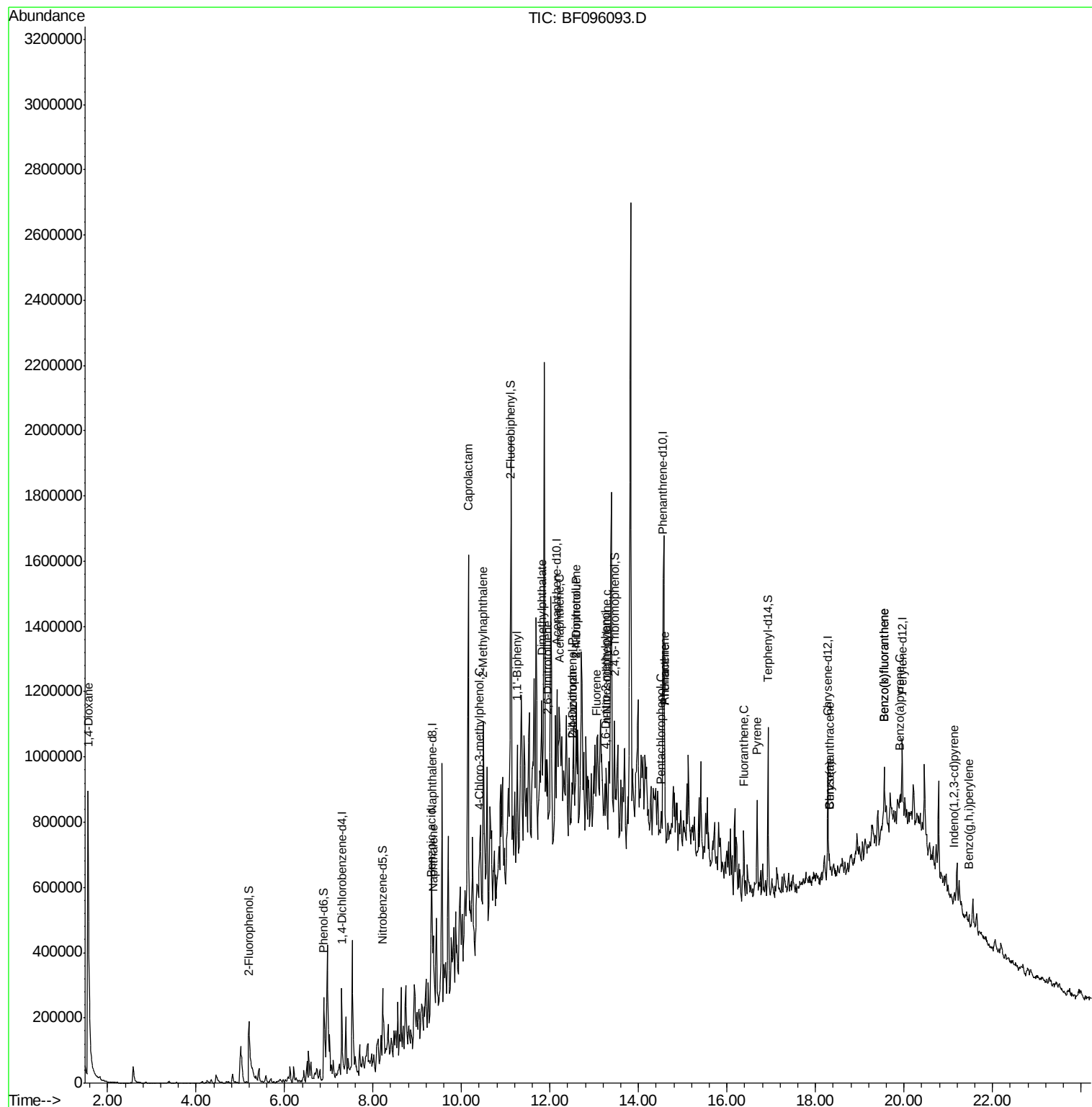
Target Compounds						Qvalue
2) 1,4-Dioxane	1.56	88	50430	25.88	ng	# 21
31) Naphthalene	9.36	128	118173	9.16	ng	99
32) Benzoic acid	9.31	122	1423	5.68	ng	# 1
35) Caprolactam	10.15	113	42008	40.80	ng	# 55
36) 4-Chloro-3-methylphenol	10.40	107	7631	2.11	ng	# 32
37) 2-Methylnaphthalene	10.49	142	185431	21.27	ng	96
45) 1,1'-Biphenyl	11.27	154	20678	2.52	ng	89
49) Dimethylphthalate	11.81	163	34296	4.53	ng	# 90
50) 2,6-Dinitrotoluene	11.94	165	4205	2.55	ng	# 67
51) Acenaphthene	12.21	154	18902	2.98	ng	# 91
53) 2,4-Dinitrophenol	12.50	184	413	6.88	ng	# 1
54) Dibenzofuran	12.50	168	31277	3.51	ng	# 75
55) 4-Nitrophenol	12.59	139	6607	10.17	ng	# 1
56) 2,4-Dinitrotoluene	12.59	165	12189	5.47	ng	# 64
57) Fluorene	13.05	166	36259	4.67	ng	# 96
64) 4,6-Dinitro-2-methylphenol	13.26	198	2257	2.34	ng	# 1
65) n-Nitrosodiphenylamine	13.27	169	64247	12.20	ng	# 42
69) Pentachlorophenol	14.49	266	117	6.79	ng	# 27
70) Phenanthrene	14.59	178	123149	14.56	ng	96
71) Anthracene	14.59	178	123149	13.95	ng	96
74) Fluoranthene	16.38	202	109417	13.07	ng	98
77) Pyrene	16.68	202	130361	12.90	ng	96
80) Benzo(a)anthracene	18.32	228	49182	6.25	ng	94
82) Chrysene	18.32	228	49182	6.25	ng	# 95
85) Indeno(1,2,3-cd)pyrene	21.13	276	17495	2.60	ng	93
87) Benzo(b)fluoranthene	19.56	252	69918	12.61	ng	# 74
88) Benzo(k)fluoranthene	19.56	252	69918	13.19	ng	# 78
89) Benzo(a)pyrene	19.91	252	26098	5.12	ng	# 59
91) Benzo(g,h,i)perylene	21.47	276	18927	4.29	ng	# 77

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096093.D
Acq On : 21 Jun 2017 19:51
Operator : SJ/MA
Sample : I3736-10 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G18-1.5-3

Quant Time: Jun 22 01:05:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration



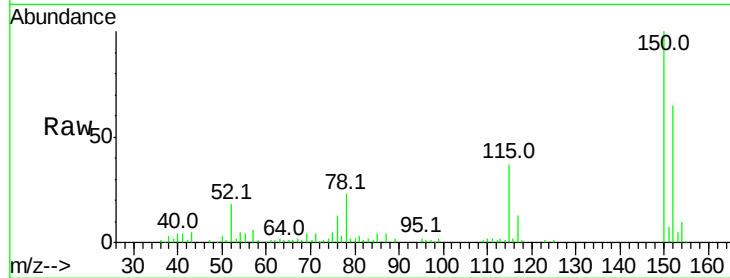


#1

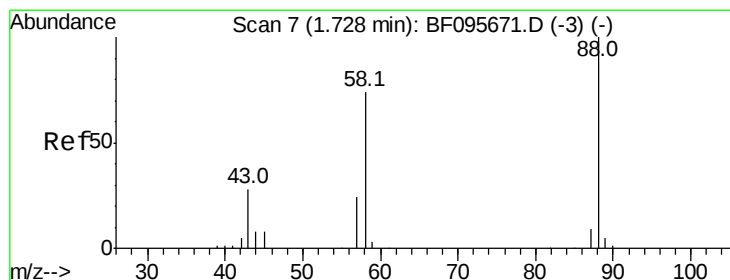
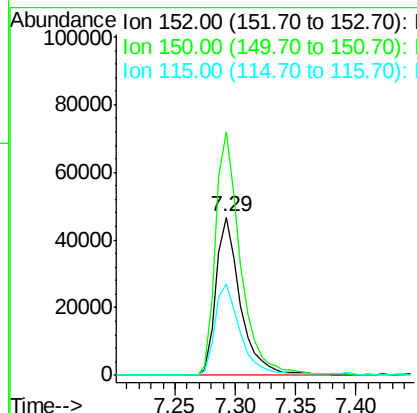
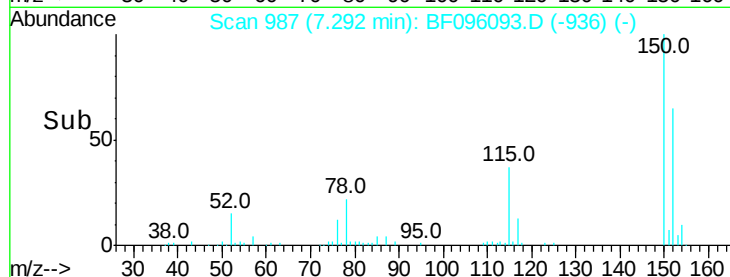
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :
G18-1.5-3

Tot Ion:152 Resp: 65276
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.2
115 57.3 52.2 78.2



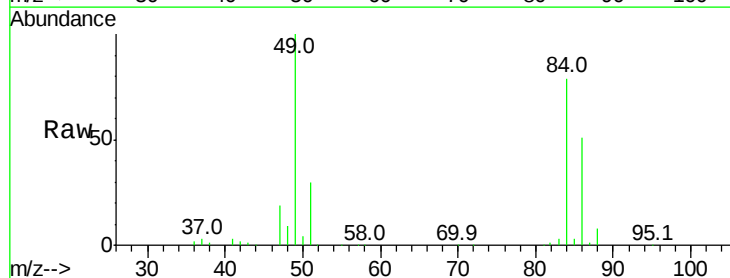
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



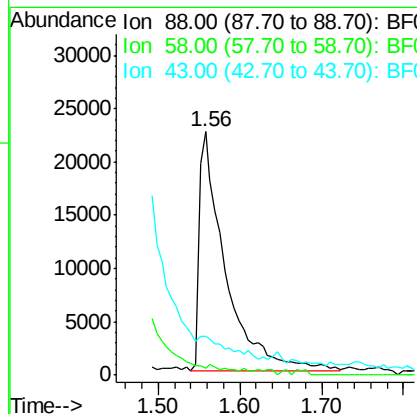
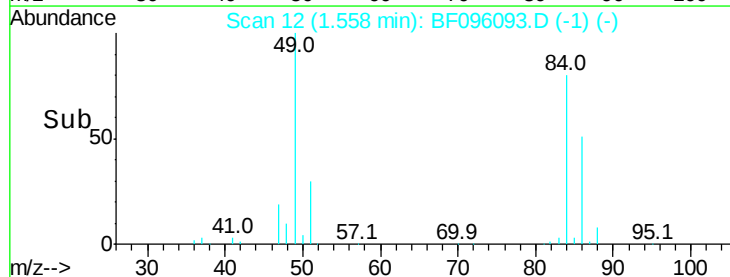
#2

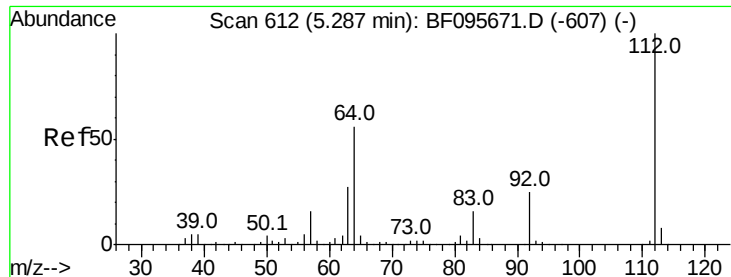
1,4-Dioxane
Concen: 25.88 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.05 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion: 88 Resp: 50430
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 49.23 ng

RT: 5.19 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

Instrument :

BNA_F

ClientSampleId :

G18-1.5-3

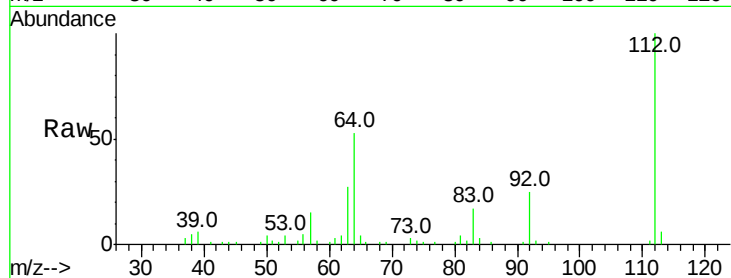
Tot Ion:112 Resp: 201671

Ion Ratio Lower Upper

112 100

64 53.1 46.0 69.0

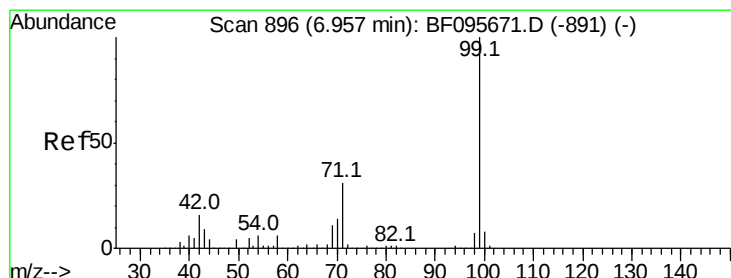
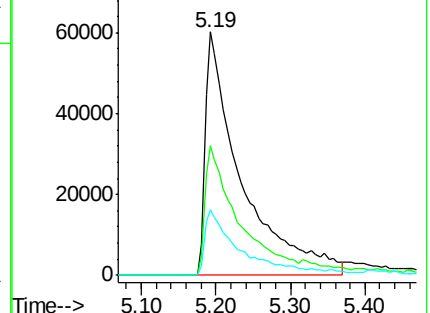
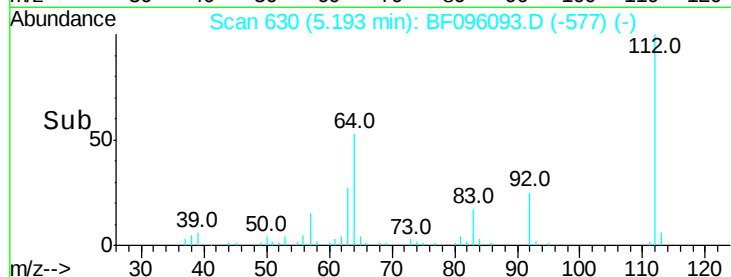
63 26.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 51.56 ng

RT: 6.89 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

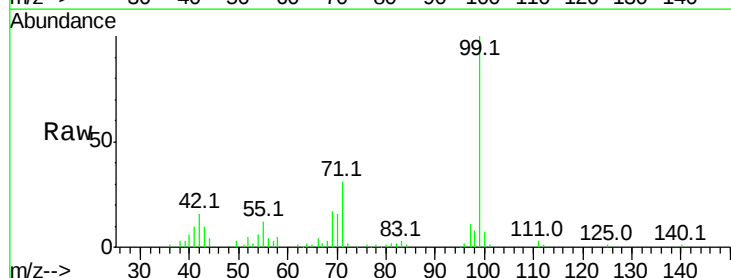
Tgt Ion: 99 Resp: 252884

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

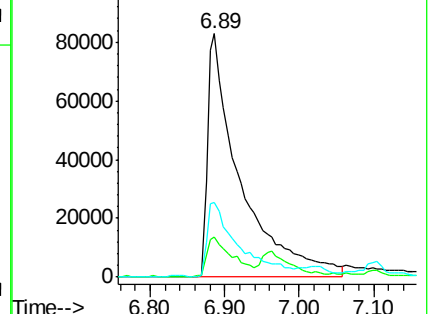
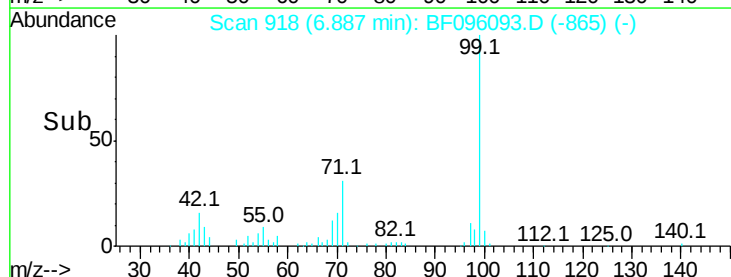
71 30.6 24.5 36.7



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

Instrument :

BNA_F

ClientSampleId :

G18-1.5-3

Tot Ion:136 Resp: 257049

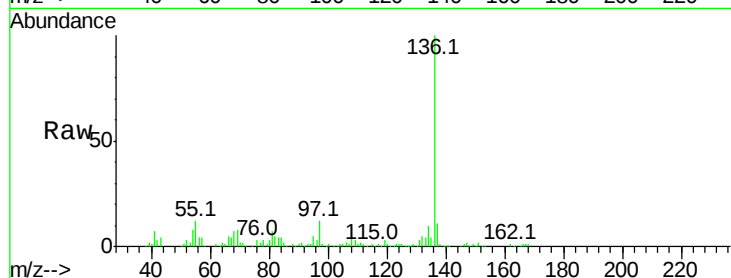
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.2 4.9 7.3#

68 7.0 4.1 6.1#

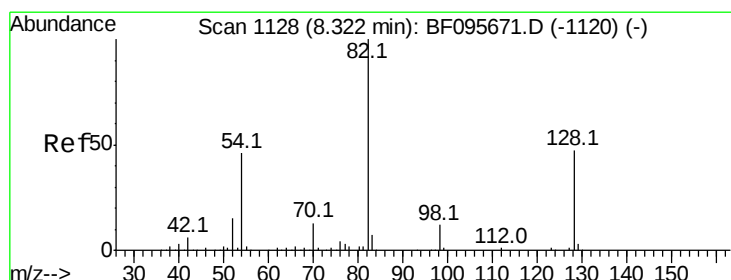
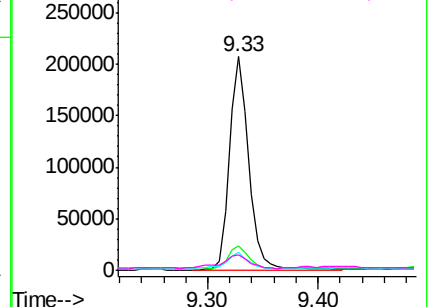
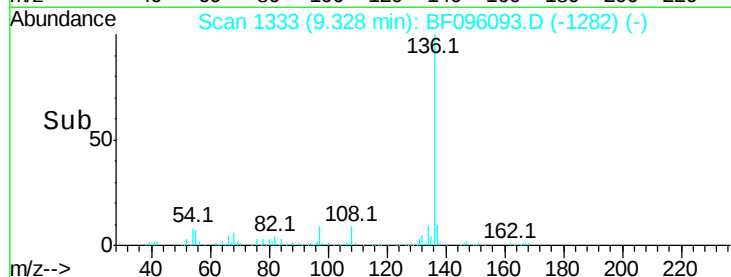


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.90 ng

RT: 8.22 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

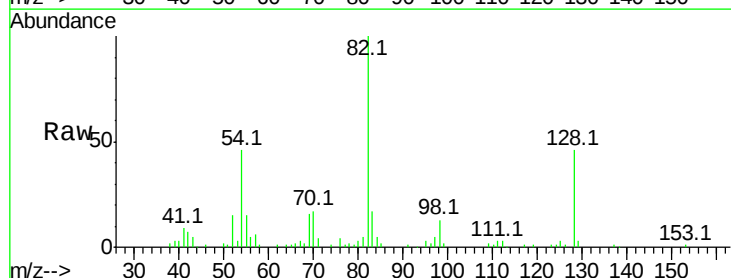
Tgt Ion: 82 Resp: 144446

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

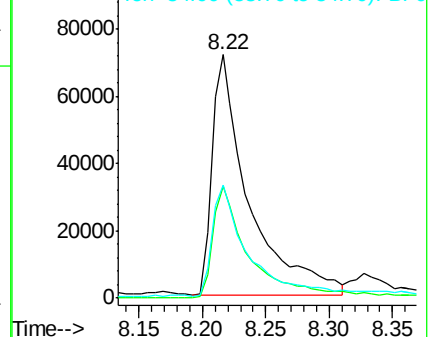
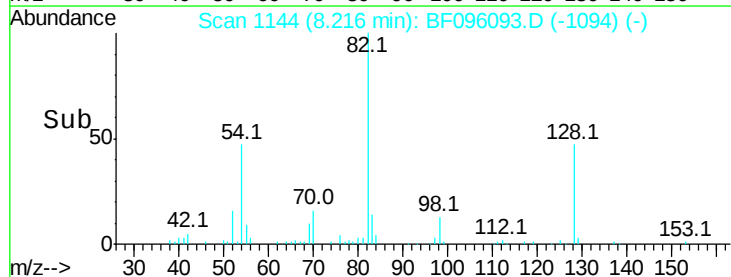
54 46.2 42.2 63.2

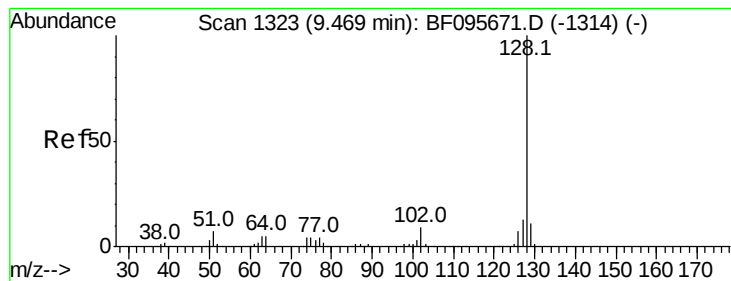


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 9.16 ng

RT: 9.36 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

Instrument :

BNA_F

ClientSampleId :

G18-1.5-3

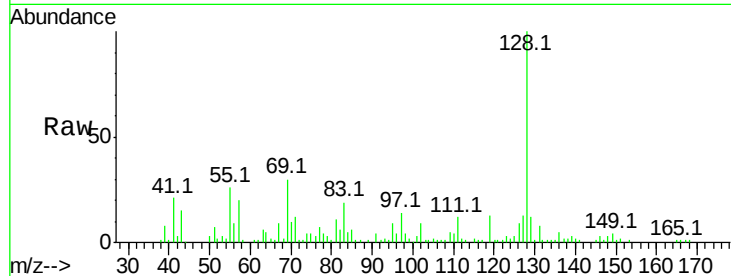
Tot Ion:128 Resp: 118173

Ion Ratio Lower Upper

128 100

129 12.2 9.0 13.6

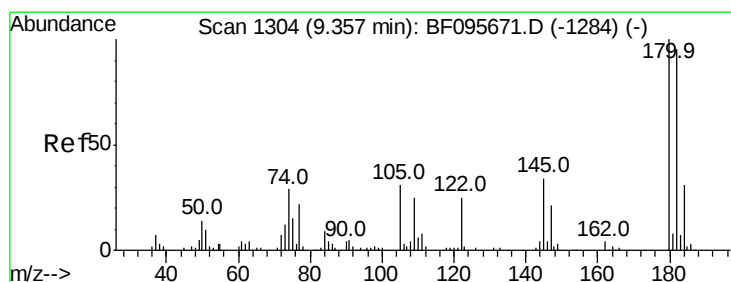
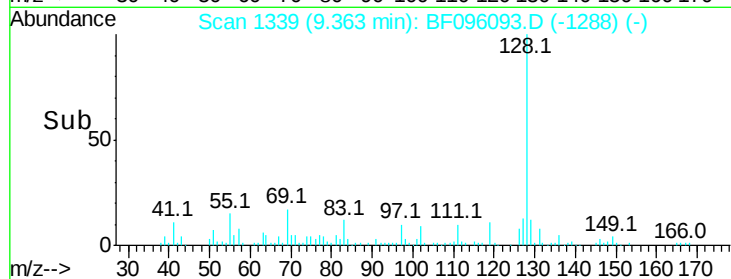
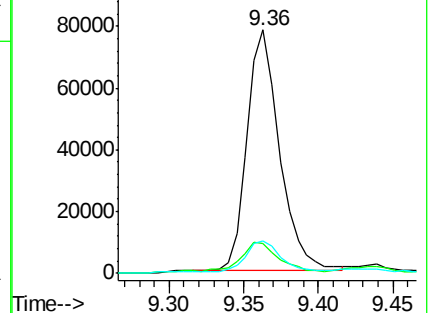
127 13.2 10.8 16.2



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: 5.68 ng

RT: 9.31 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

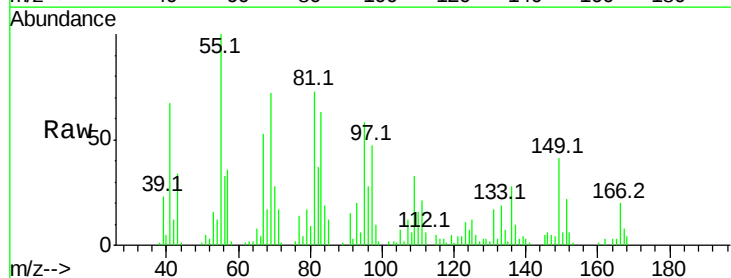
Tgt Ion:122 Resp: 1423

Ion Ratio Lower Upper

122 100

105 189.2 103.3 143.3#

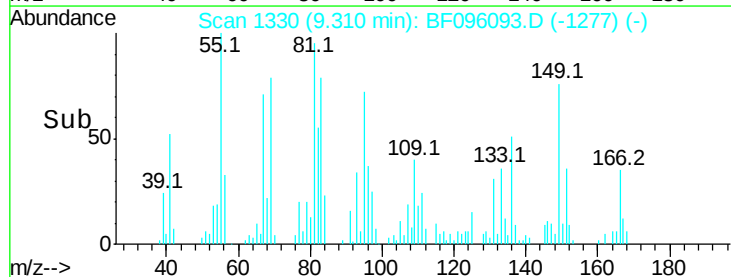
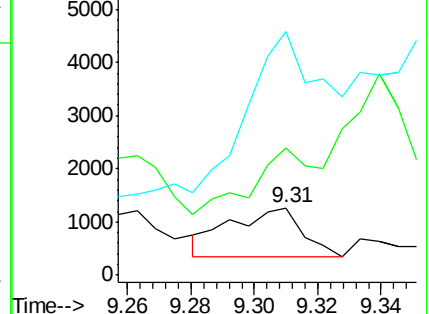
77 360.6 73.7 113.7#

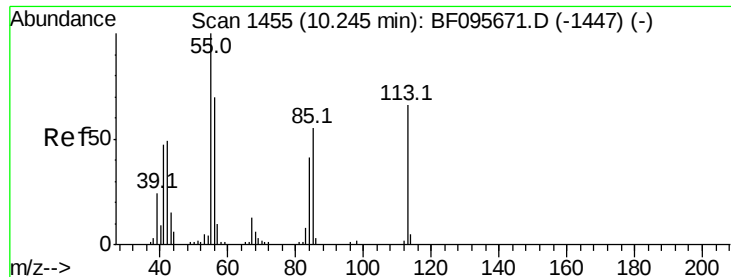


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#35

Caprolactam

Concen: 40.80 ng

RT: 10.15 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

Instrument :

BNA_F

ClientSampleId :

G18-1.5-3

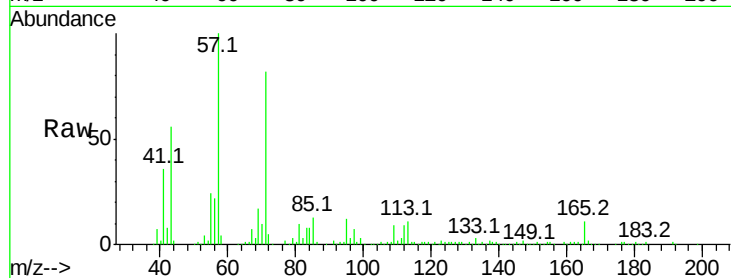
Tot Ion:113 Resp: 42008

Ion Ratio Lower Upper

113 100

55 214.4 150.2 190.2#

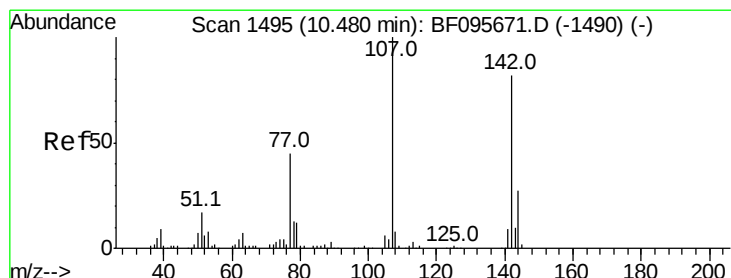
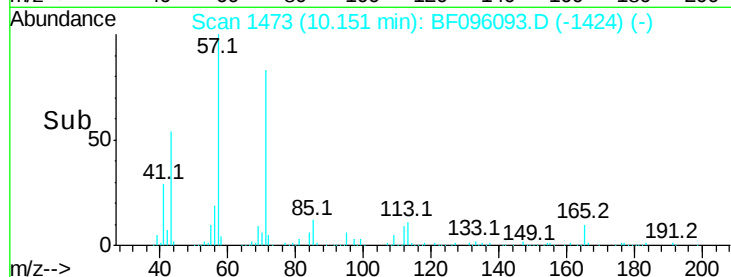
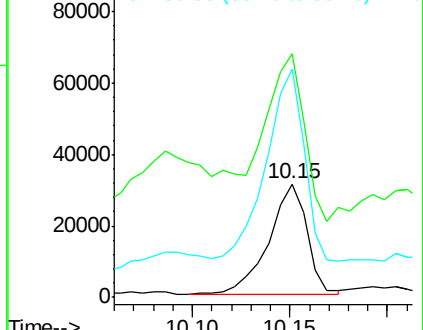
56 200.6 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 2.11 ng

RT: 10.40 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

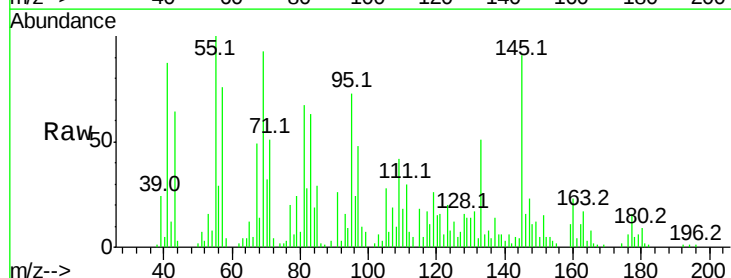
Tgt Ion:107 Resp: 7631

Ion Ratio Lower Upper

107 100

144 23.2 24.2 36.4#

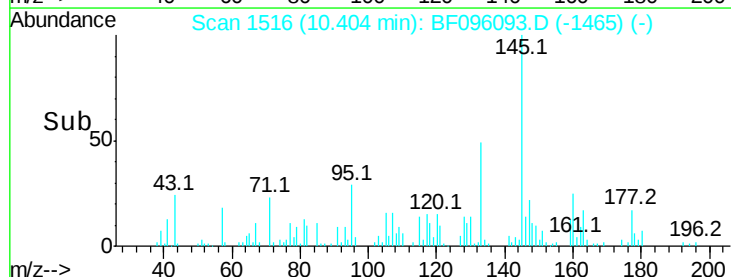
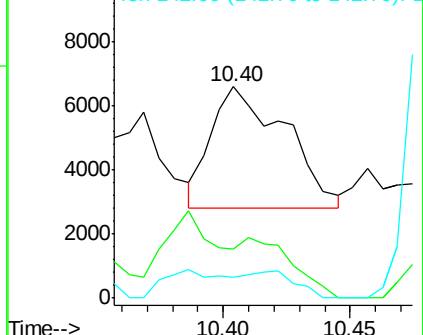
142 9.9 73.4 110.0#

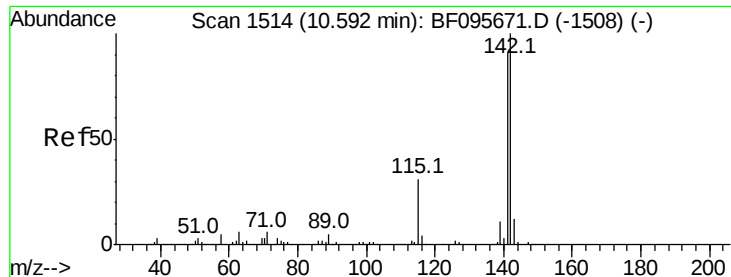


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

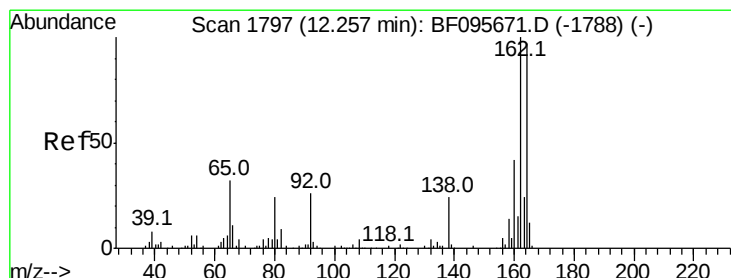
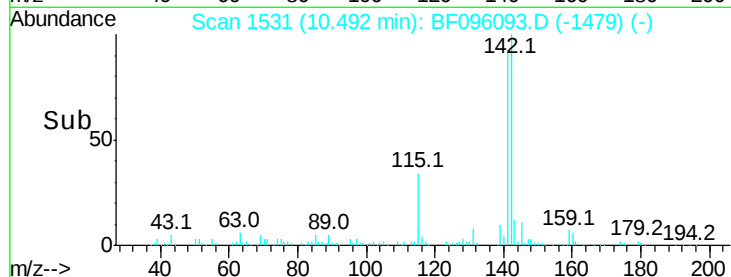
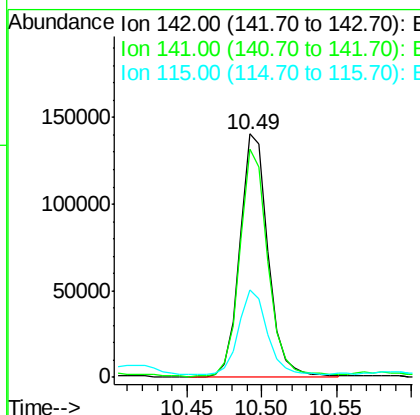
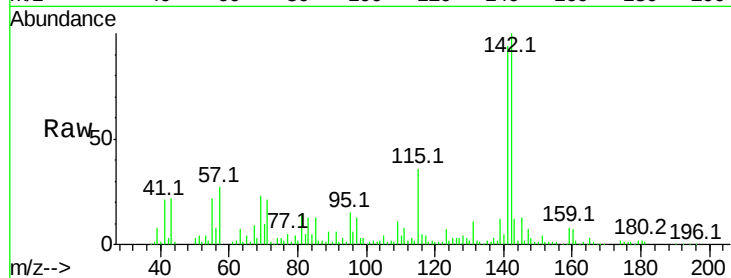




#37
2-Methylnaphthalene
Concen: 21.27 ng
RT: 10.49 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

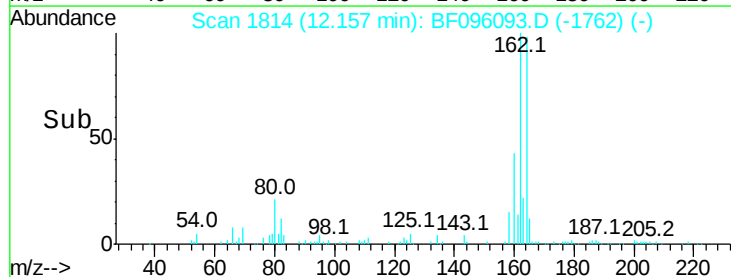
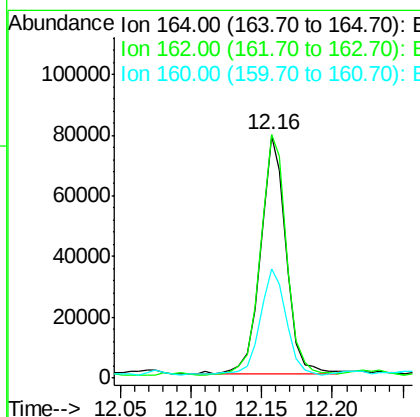
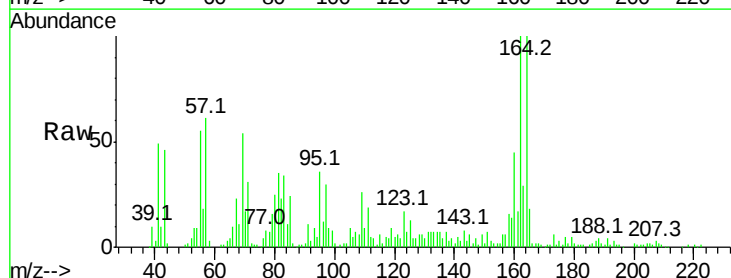
Instrument :
BNA_F
ClientSampleId :
G18-1.5-3

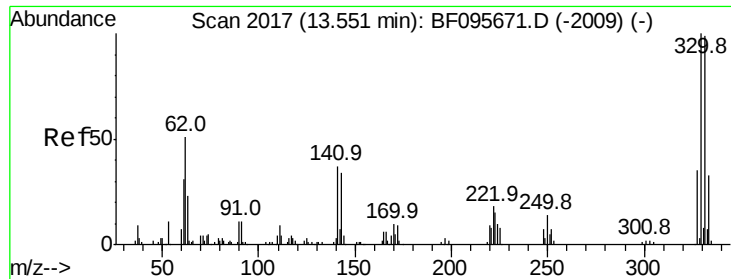
Tot Ion:142 Resp: 185431
Ion Ratio Lower Upper
142 100
141 93.5 71.3 106.9
115 36.1 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:164 Resp: 99631
Ion Ratio Lower Upper
164 100
162 100.3 82.6 123.8
160 44.8 36.2 54.2

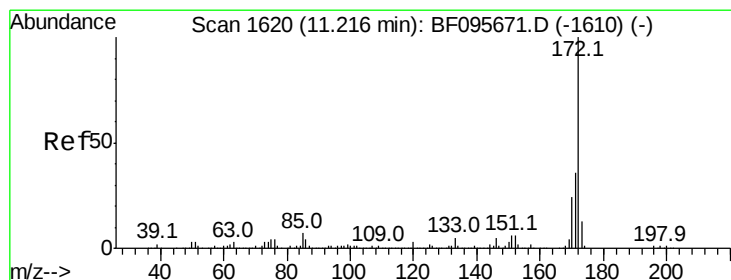
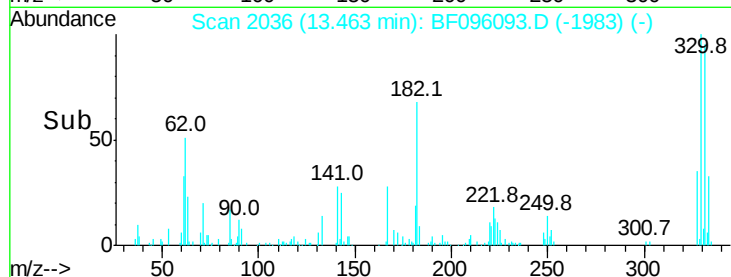
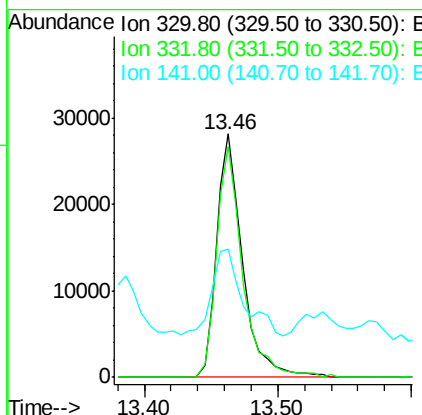
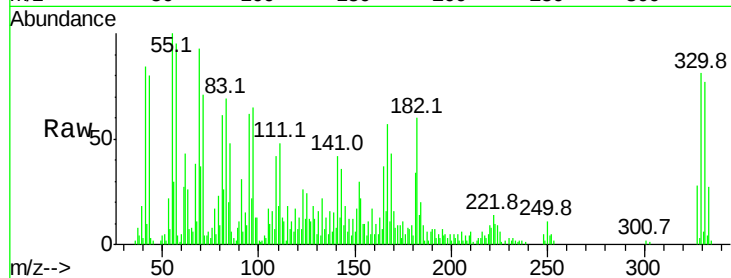




#41
 2,4,6-Tribromophenol
 Concen: 43.65 ng
 RT: 13.46 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF096093.D
 Acq: 21 Jun 2017 19:51

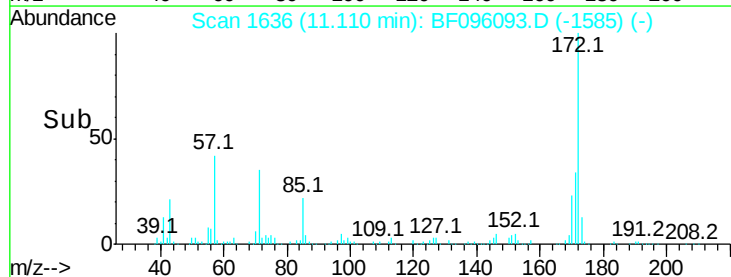
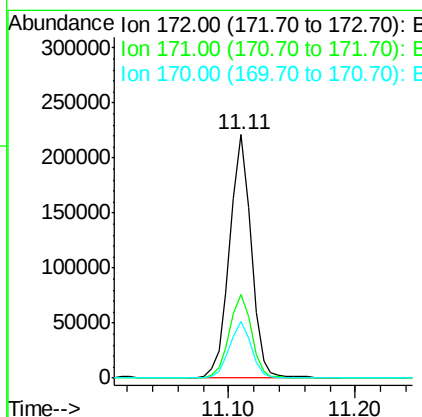
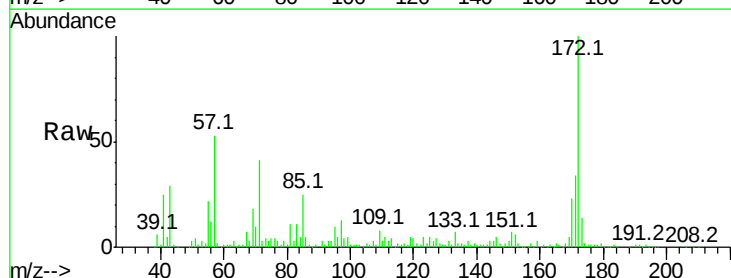
Instrument :
 BNA_F
 ClientSampleId :
 G18-1.5-3

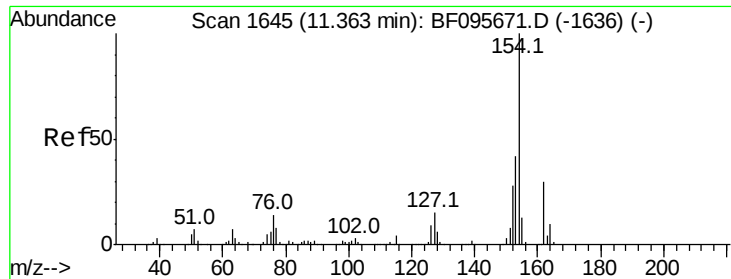
Tot Ion:330 Resp: 38480
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 47.7 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 36.68 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF096093.D
 Acq: 21 Jun 2017 19:51

Tgt Ion:172 Resp: 262624
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.6 44.4
 170 23.5 19.8 29.8





#45

1,1'-Biphenyl

Concen: 2.52 ng

RT: 11.27 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

Instrument :

BNA_F

ClientSampleId :

G18-1.5-3

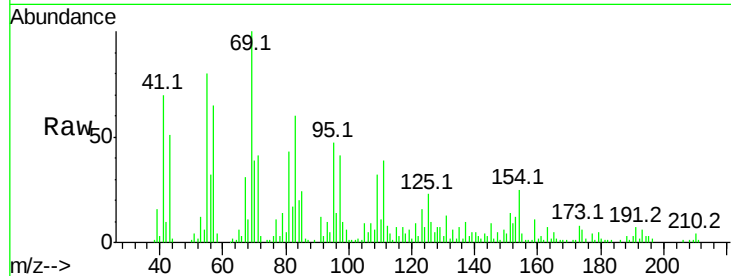
Tot Ion:154 Resp: 20678

Ion Ratio Lower Upper

154 100

153 49.0 21.2 61.2

76 11.5 0.0 29.9

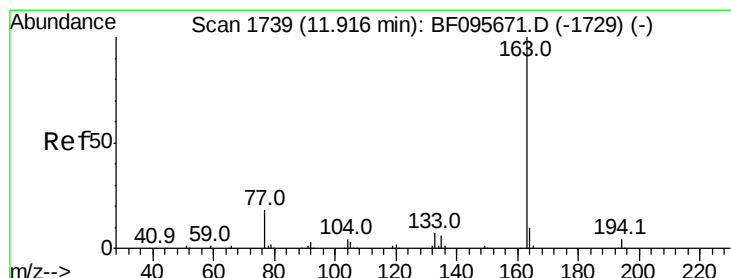
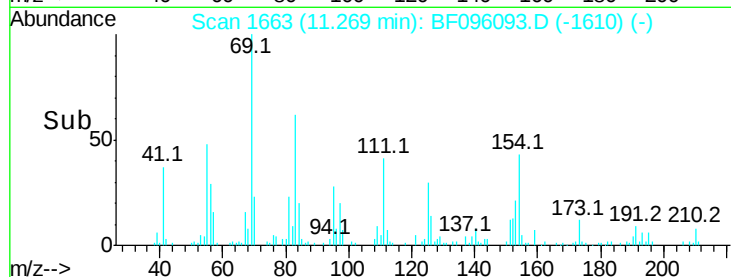


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E

Time--> 11.20 11.25 11.30



#49

Dimethylphthalate

Concen: 4.53 ng

RT: 11.81 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

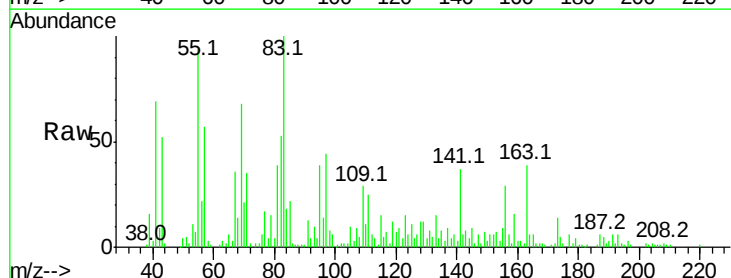
Tgt Ion:163 Resp: 34296

Ion Ratio Lower Upper

163 100

194 5.9 2.6 4.0#

164 14.3 8.4 12.6#

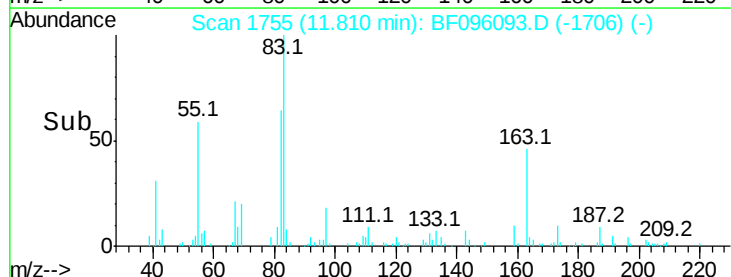


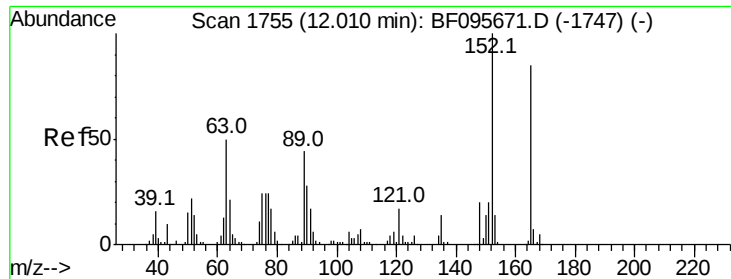
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time--> 11.70 11.75 11.80 11.85

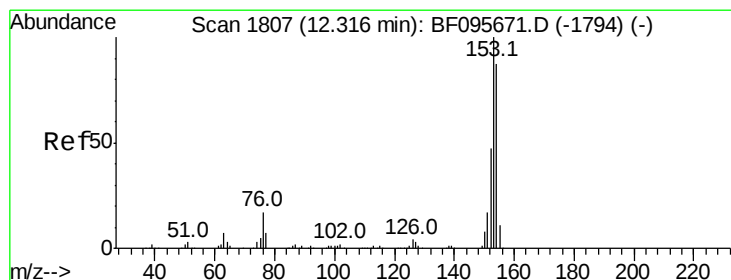
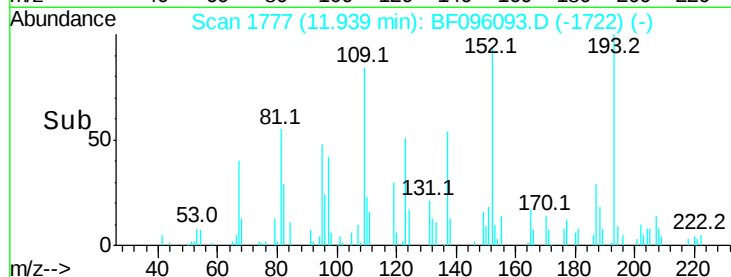
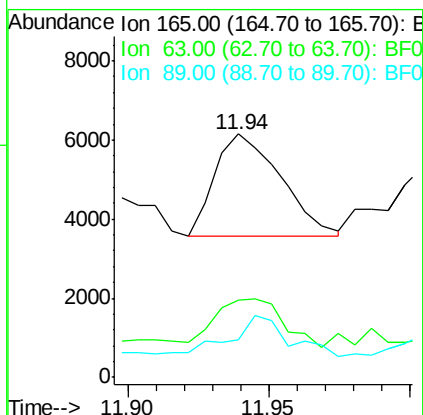
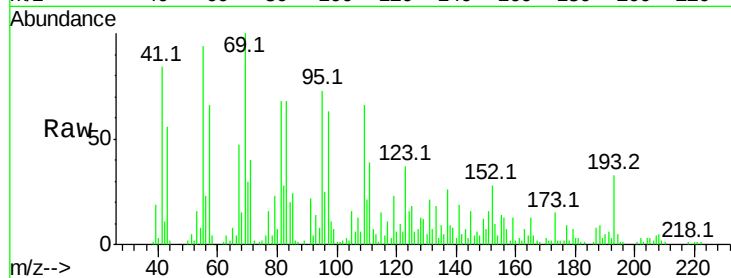




#50
2,6-Dinitrotoluene
Concen: 2.55 ng
RT: 11.94 min Scan# 1777
Delta R.T. 0.02 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

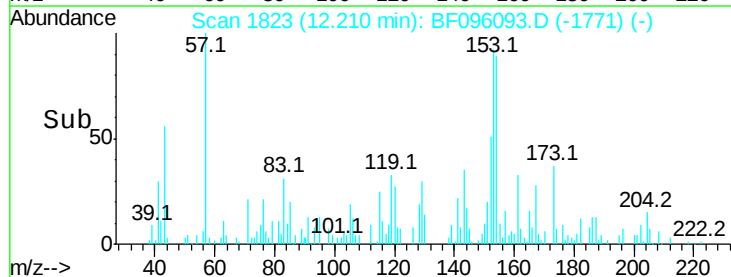
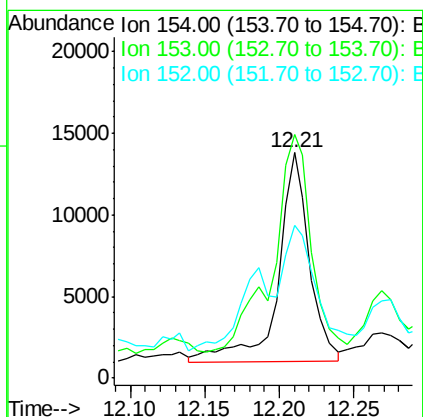
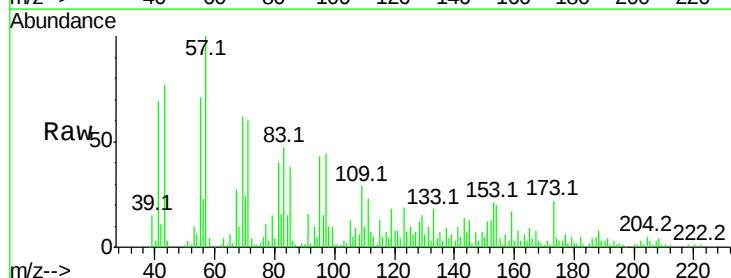
Instrument :
BNA_F
ClientSampleId :
G18-1.5-3

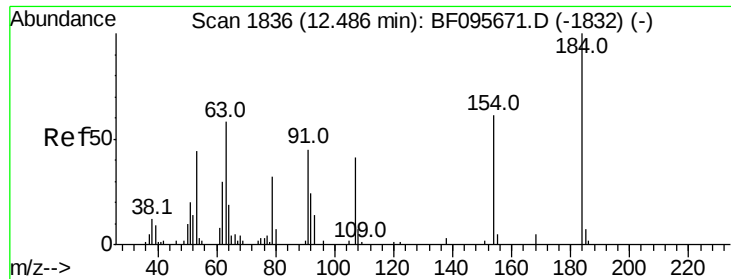
Tot Ion:165 Resp: 4205
Ion Ratio Lower Upper
165 100
63 31.7 34.3 51.5#
89 15.6 37.1 55.7#



#51
Acenaphthene
Concen: 2.98 ng
RT: 12.21 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:154 Resp: 18902
Ion Ratio Lower Upper
154 100
153 108.1 90.5 135.7
152 68.0 43.6 65.4#

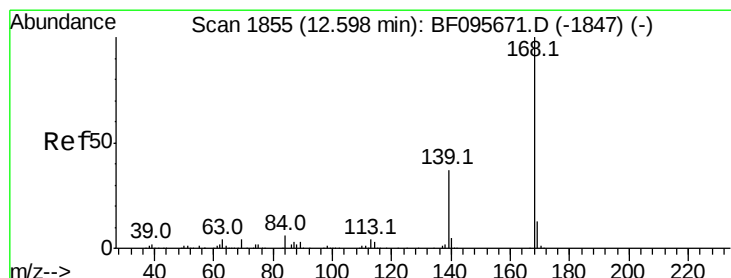
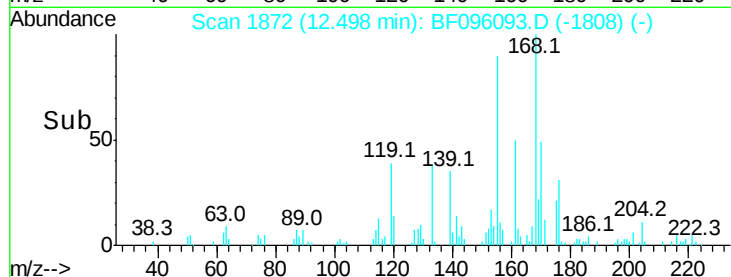
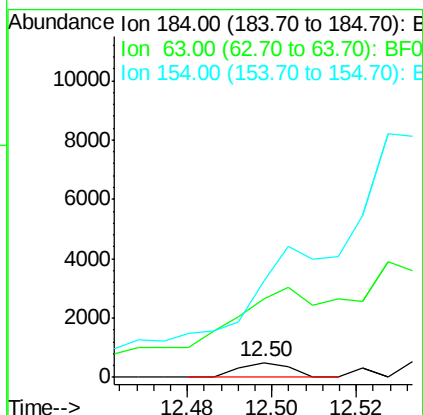
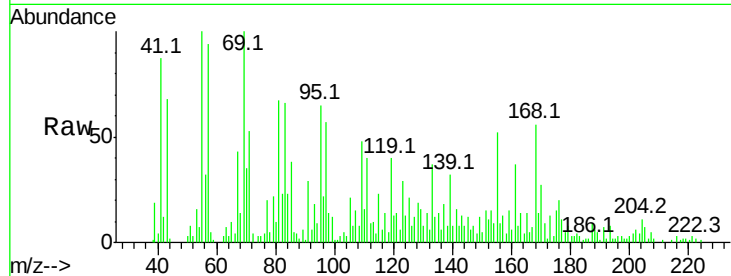




#53
 2,4-Dinitrophenol
 Concen: 6.88 ng
 RT: 12.50 min Scan# 1872
 Delta R.T. 0.08 min
 Lab File: BF096093.D
 Acq: 21 Jun 2017 19:51

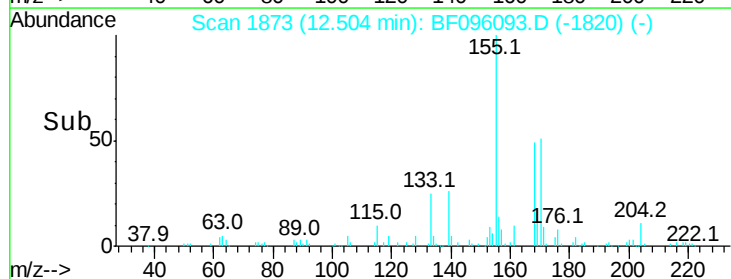
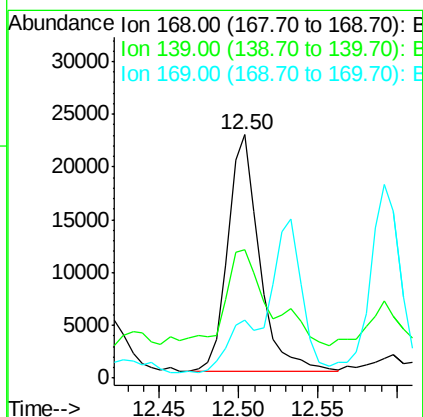
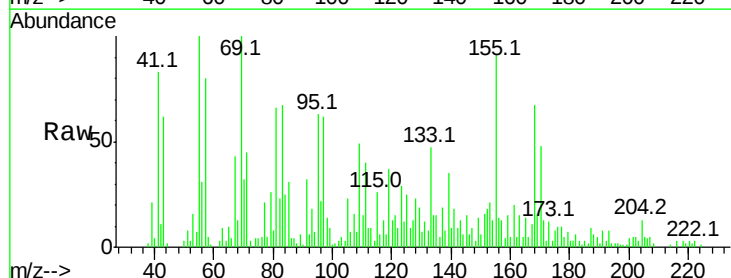
Instrument :
 BNA_F
 ClientSampled :
 G18-1.5-3

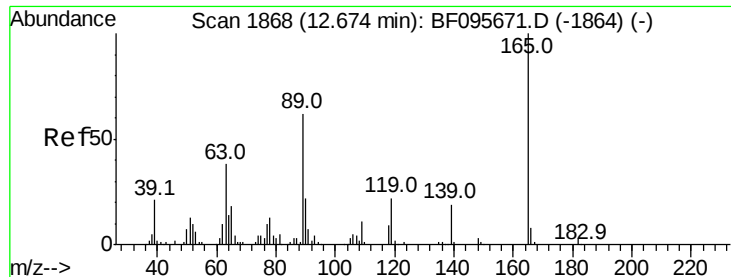
Tot Ion:184 Resp: 413
 Ion Ratio Lower Upper
 184 100
 63 538.9 62.7 94.1#
 154 658.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 3.51 ng
 RT: 12.50 min Scan# 1873
 Delta R.T. 0.01 min
 Lab File: BF096093.D
 Acq: 21 Jun 2017 19:51

Tgt Ion:168 Resp: 31277
 Ion Ratio Lower Upper
 168 100
 139 52.7 30.6 45.8#
 169 24.1 10.8 16.2#

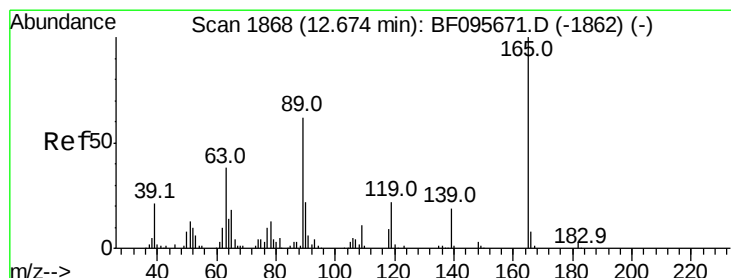
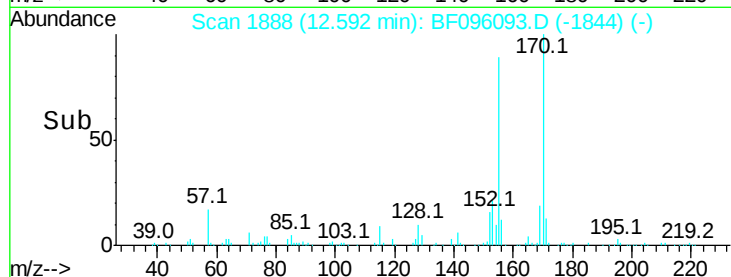
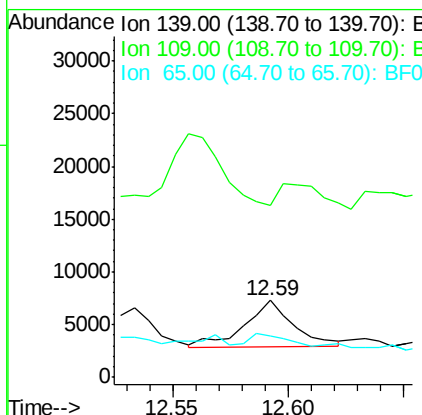
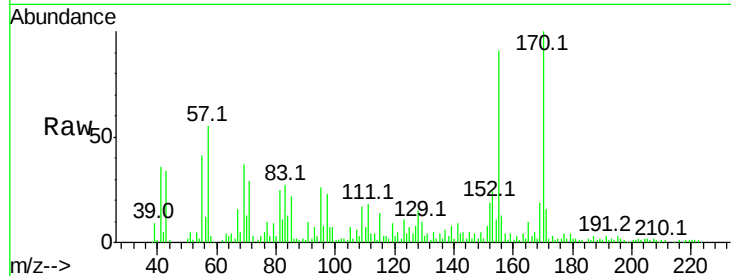




#55
4-Nitrophenol
Concen: 10.17 ng
RT: 12.59 min Scan# 1888
Delta R.T. -0.04 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

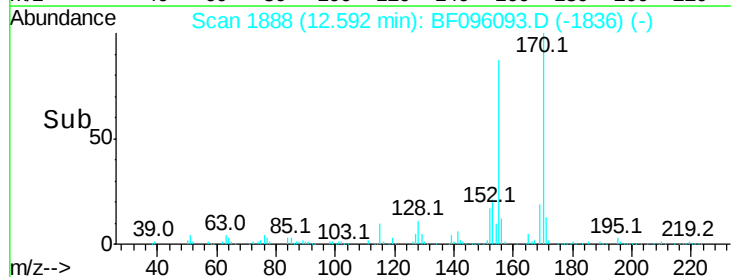
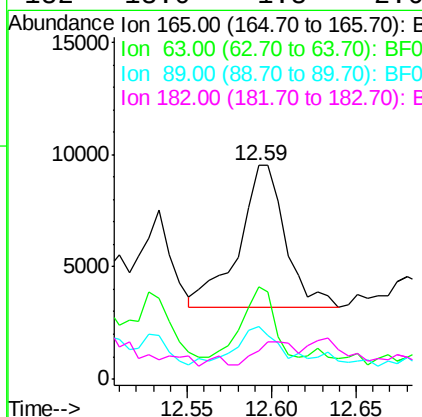
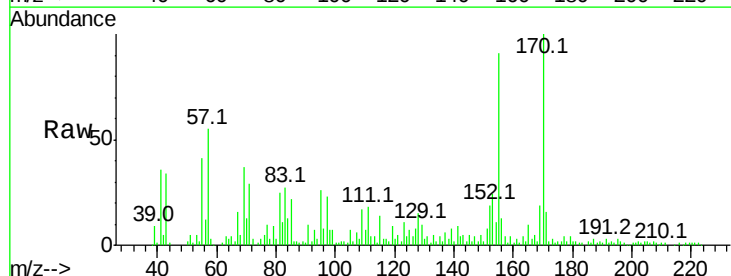
Instrument :
BNA_F
ClientSampleId :
G18-1.5-3

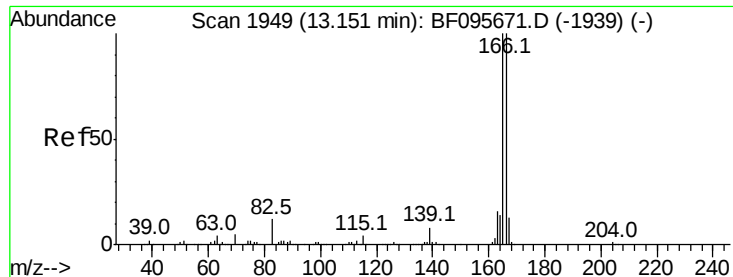
Tot Ion	Ratio	Lower	Upper
139	100		
109	223.5	34.1	74.1#
65	53.9	31.4	71.4



#56
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 12.59 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.2	25.4	38.0#
89	24.6	46.4	69.6#
182	13.0	1.8	2.6#

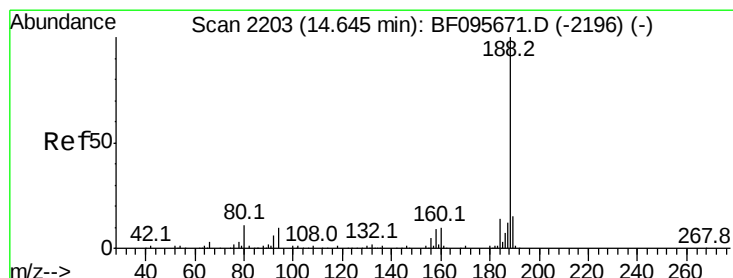
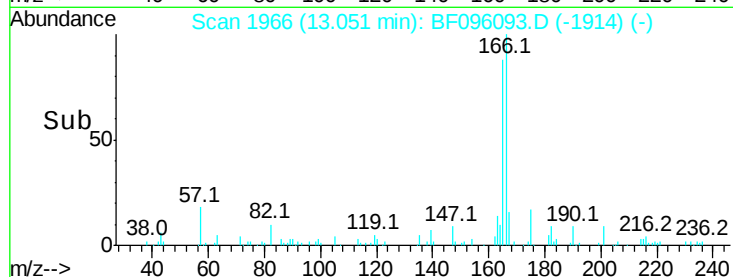
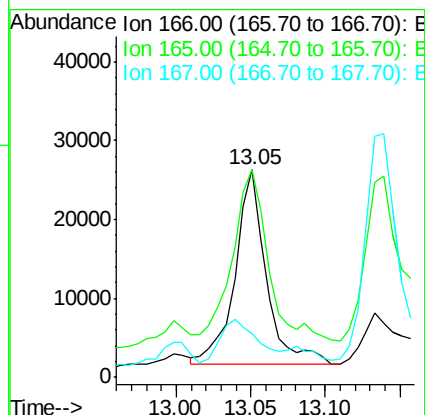
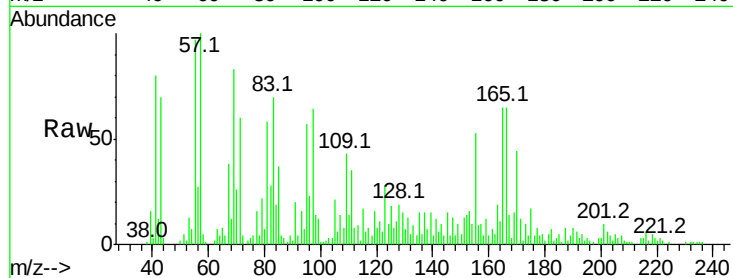




#57
Fluorene
 Concen: 4.67 ng
 RT: 13.05 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF096093.D
 Acq: 21 Jun 2017 19:51

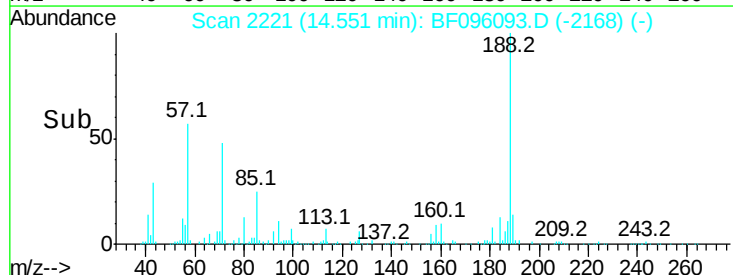
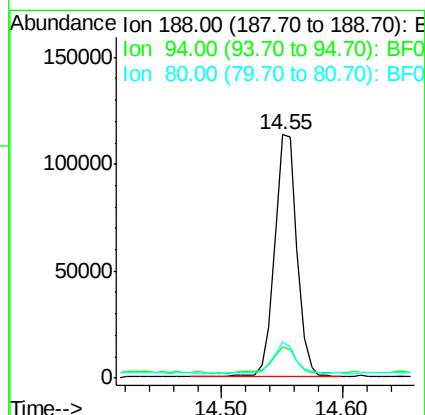
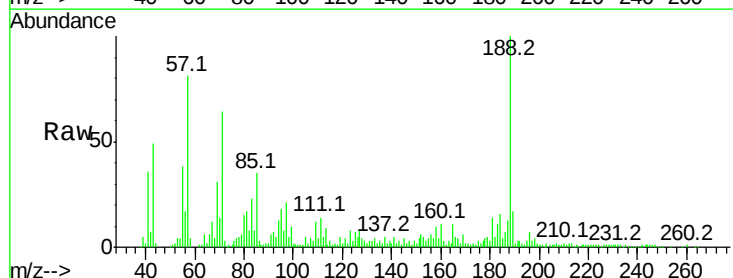
Instrument :
 BNA_F
 ClientSampleId :
 G18-1.5-3

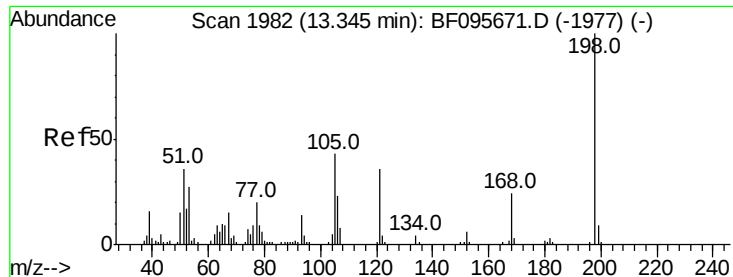
Tot Ion:166 Resp: 36259
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.8 118.2
 167 21.5 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2221
 Delta R.T. 0.01 min
 Lab File: BF096093.D
 Acq: 21 Jun 2017 19:51

Tgt Ion:188 Resp: 146600
 Ion Ratio Lower Upper
 188 100
 94 13.0 9.4 14.2
 80 14.8 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 2.34 ng

RT: 13.26 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

Instrument :

BNA_F

ClientSampleId :

G18-1.5-3

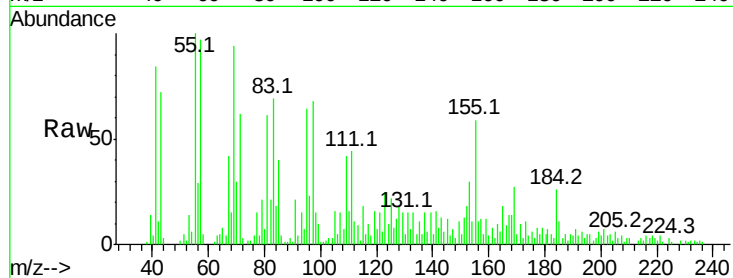
Tot Ion:198 Resp: 2257

Ion Ratio Lower Upper

198 100

51 182.1 53.2 93.2#

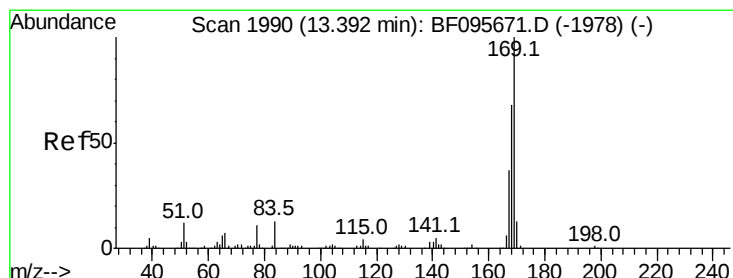
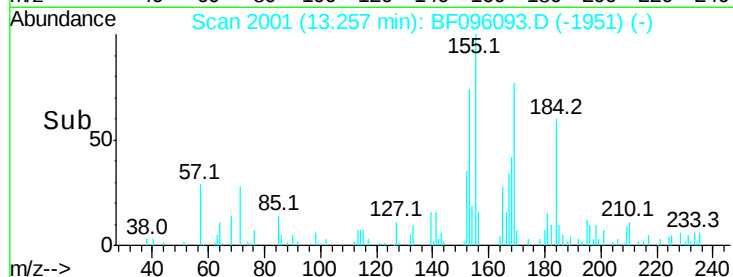
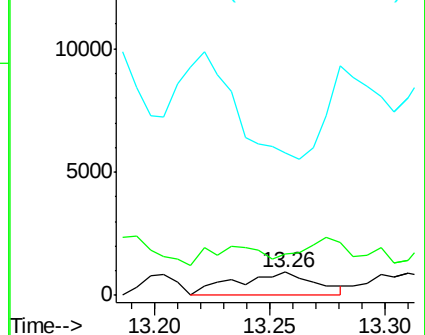
105 622.8 45.8 85.8#



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



#65

n-Nitrosodiphenylamine

Concen: 12.20 ng

RT: 13.27 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

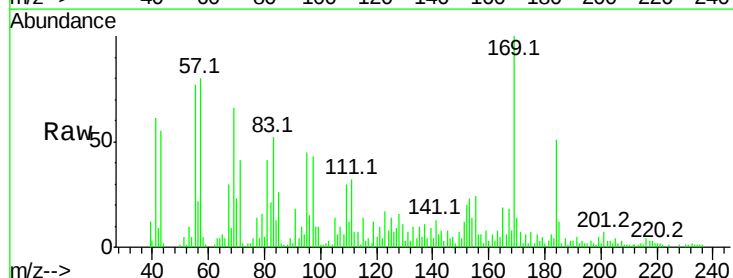
Tgt Ion:169 Resp: 64247

Ion Ratio Lower Upper

169 100

168 8.3 53.2 79.8#

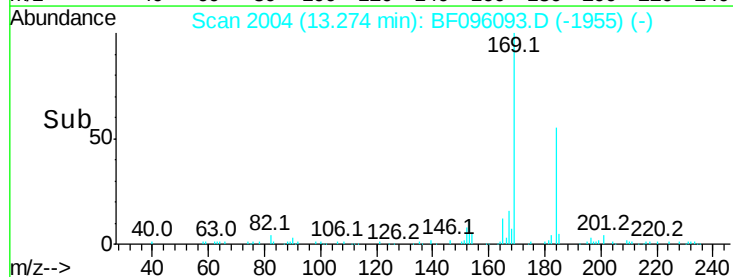
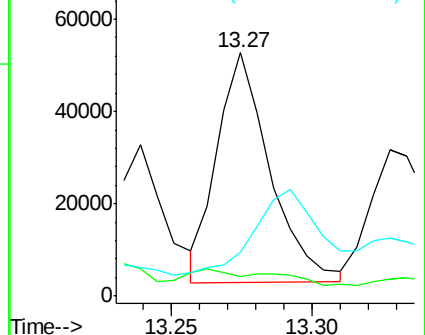
167 17.9 29.5 44.3#

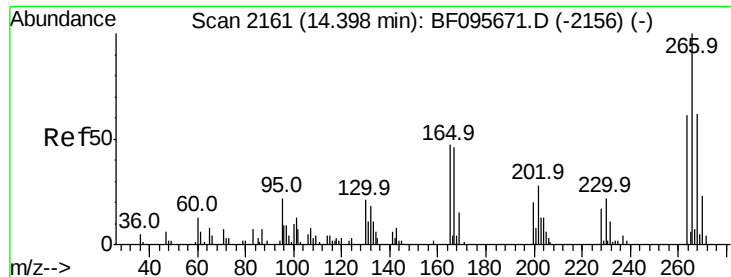


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

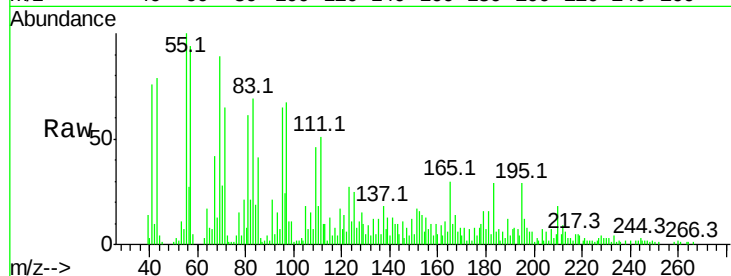




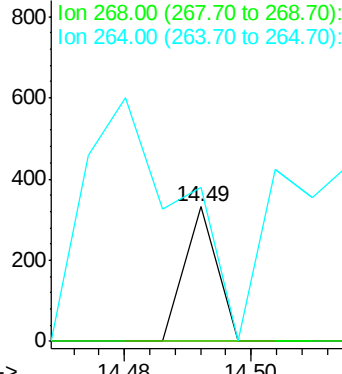
#69
 Pentachlorophenol
 Concen: 6.79 ng
 RT: 14.49 min Scan# 2211
 Delta R.T. 0.18 min
 Lab File: BF096093.D
 Acq: 21 Jun 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 G18-1.5-3

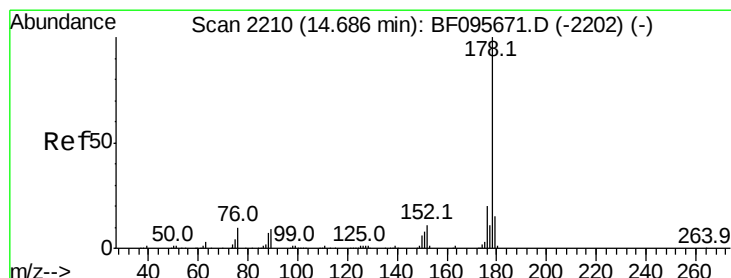
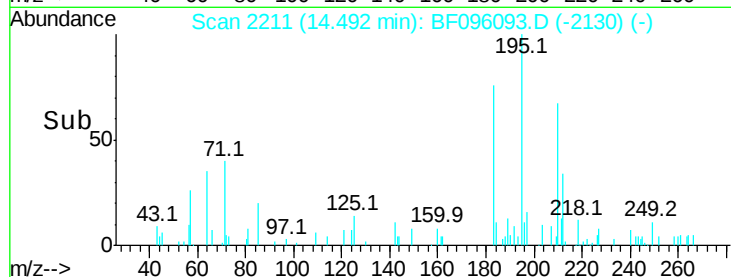
Tot Ion:266 Resp: 117
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 114.8 51.7 77.5#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

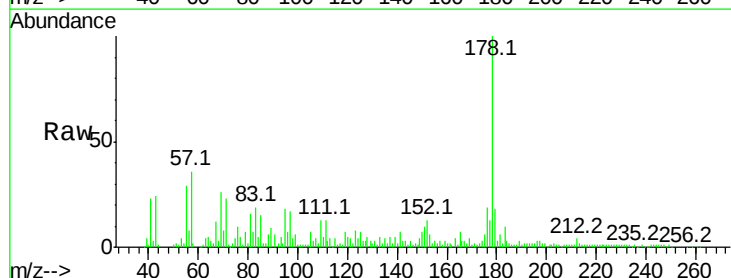


Time-->

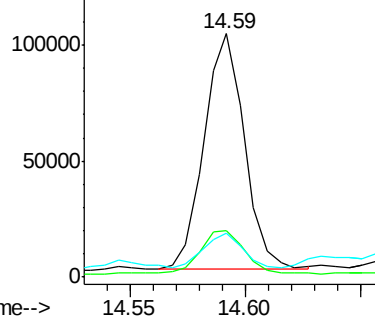


#70
 Phenanthrene
 Concen: 14.56 ng
 RT: 14.59 min Scan# 2228
 Delta R.T. 0.01 min
 Lab File: BF096093.D
 Acq: 21 Jun 2017 19:51

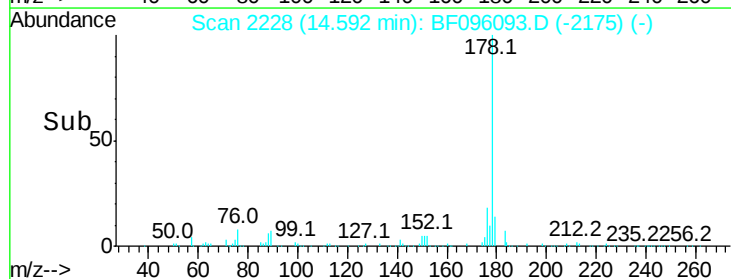
Tgt Ion:178 Resp: 123149
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 18.2 12.6 19.0

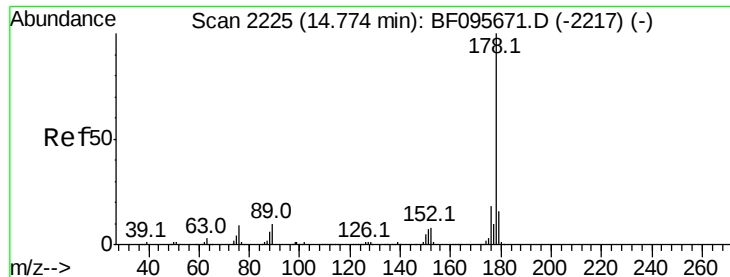


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->





#71

Anthracene

Concen: 13.95 ng

RT: 14.59 min Scan# 2228

Delta R.T. -0.08 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

Instrument :

BNA_F

ClientSampleId :

G18-1.5-3

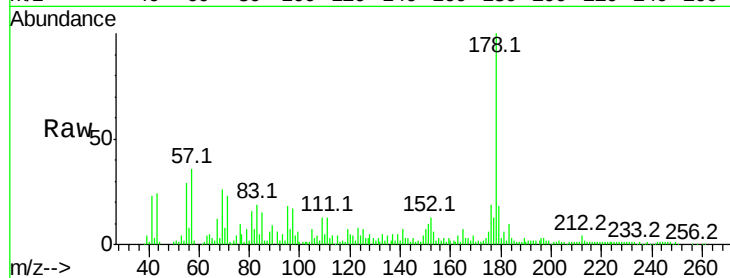
Tot Ion:178 Resp: 123149

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

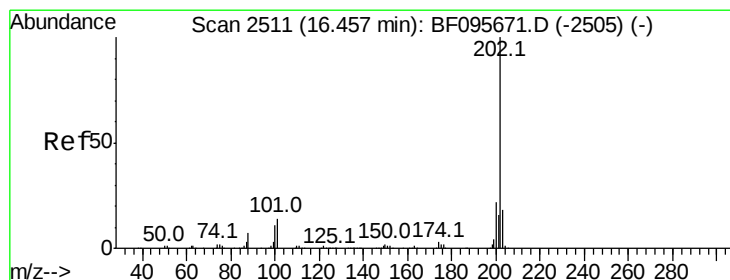
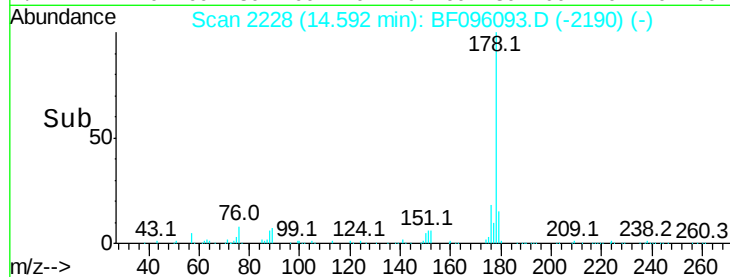
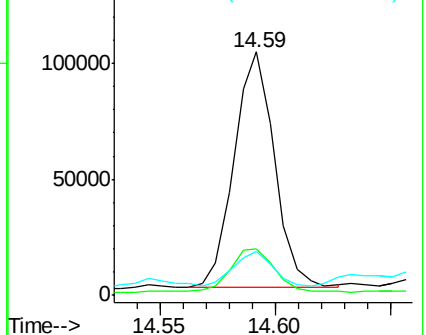
179 18.2 12.7 19.1



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: 13.07 ng

RT: 16.38 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

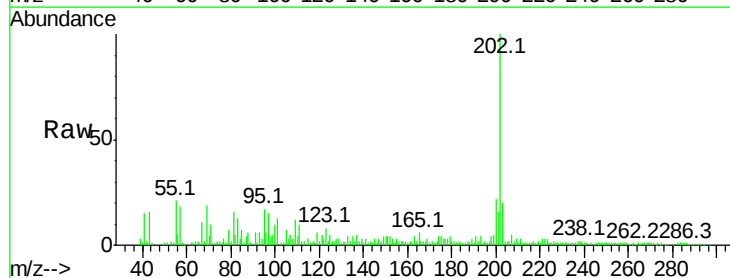
Tgt Ion:202 Resp: 109417

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

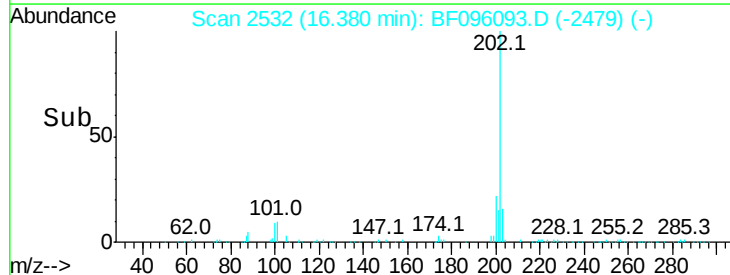
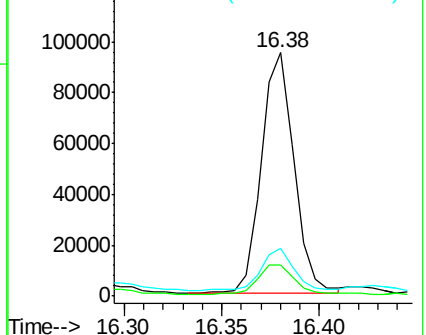
203 19.7 0.0 38.1

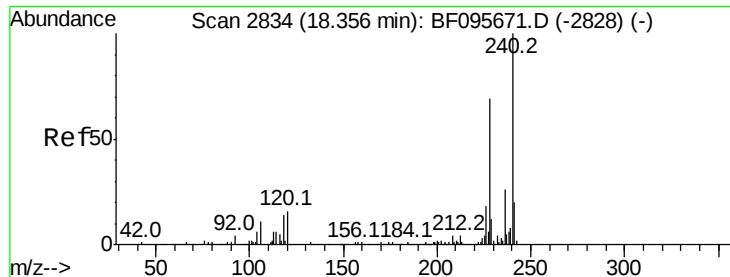


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.28 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

Instrument :

BNA_F

ClientSampleId :

G18-1.5-3

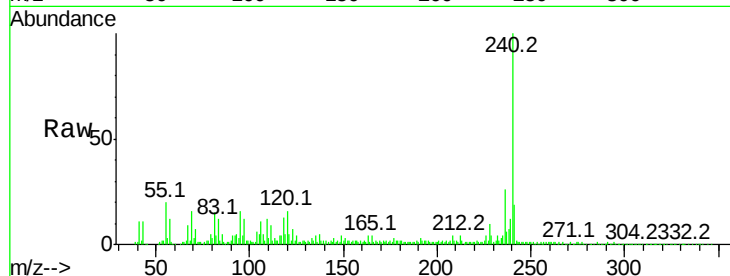
Tot Ion:240 Resp: 135390

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

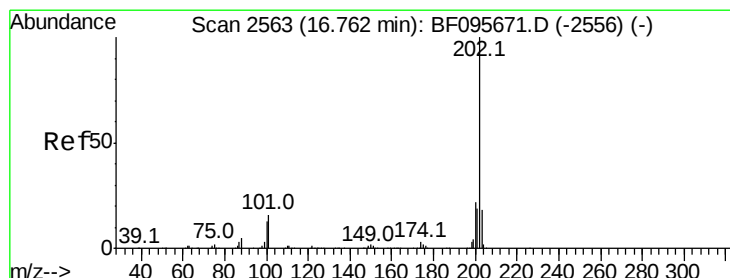
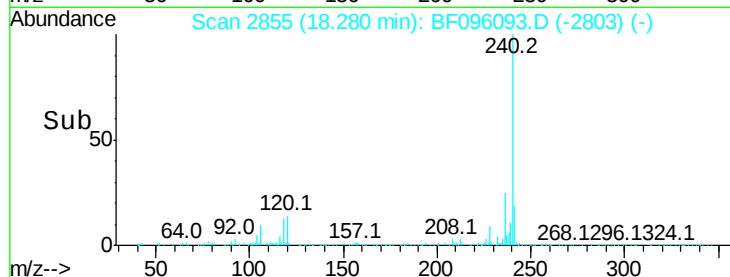
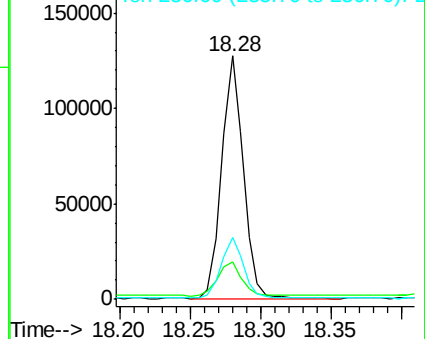
236 25.6 20.5 30.7



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: 12.90 ng

RT: 16.68 min Scan# 2583

Delta R.T. 0.01 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

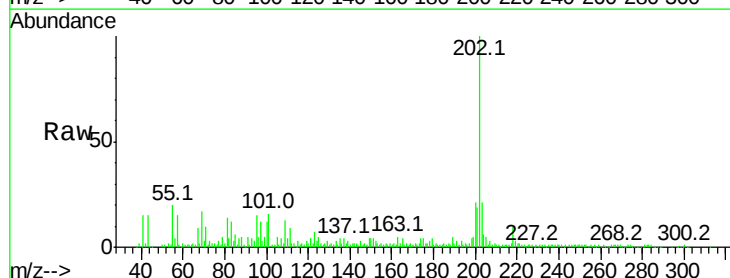
Tgt Ion:202 Resp: 130361

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

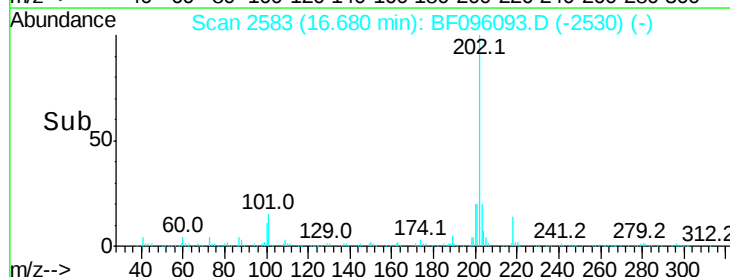
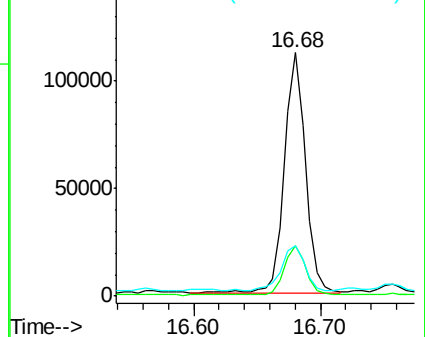
203 20.5 14.4 21.6

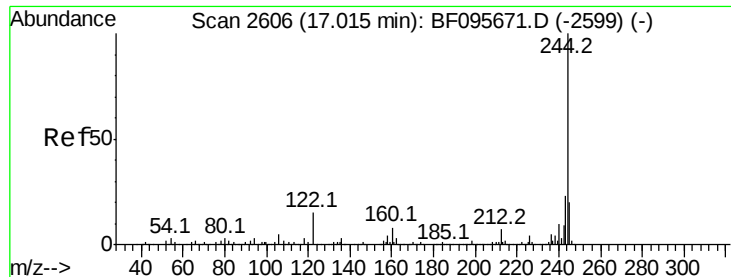


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 35.16 ng

RT: 16.93 min Scan# 2625

Delta R.T. 0.00 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

Instrument :

BNA_F

ClientSampleId :

G18-1.5-3

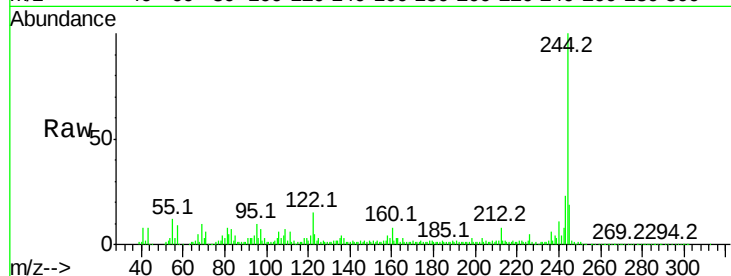
Tot Ion:244 Resp: 191787

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

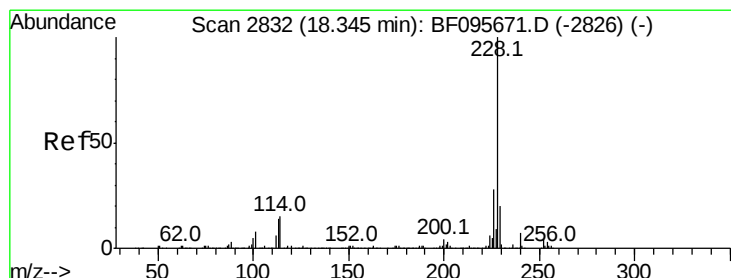
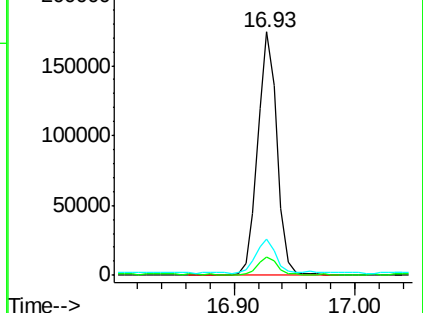
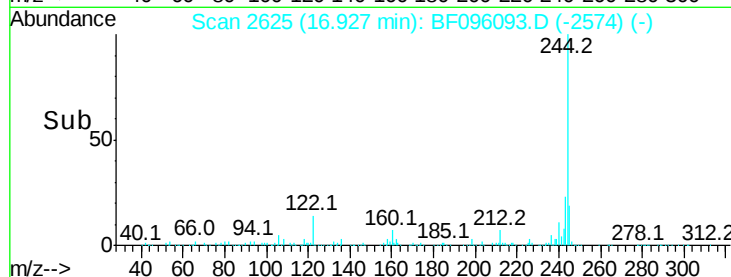
122 15.0 10.3 15.5



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



#80

Benzo(a)anthracene

Concen: 6.25 ng

RT: 18.32 min Scan# 2861

Delta R.T. 0.05 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

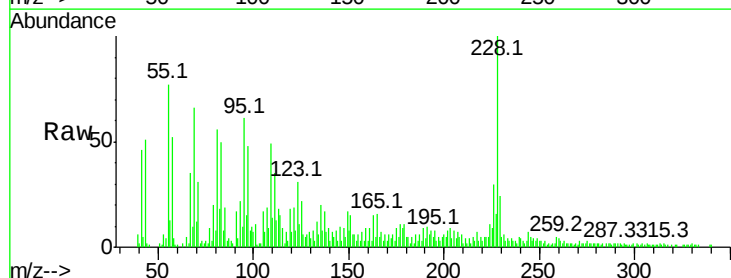
Tgt Ion:228 Resp: 49182

Ion Ratio Lower Upper

228 100

226 30.3 22.6 33.8

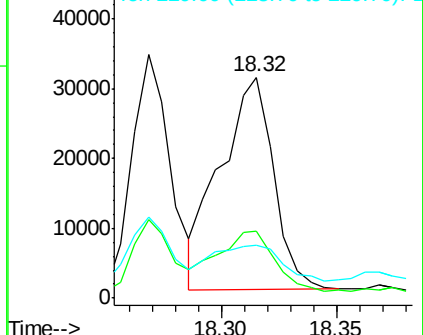
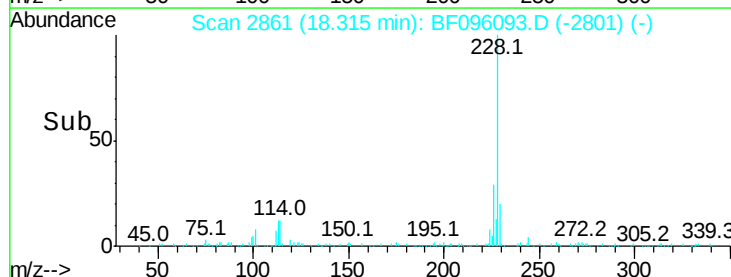
229 24.2 16.3 24.5

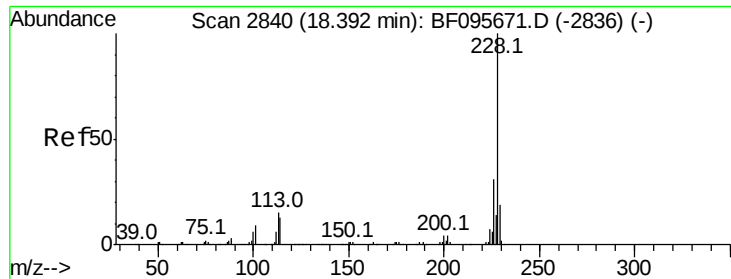


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

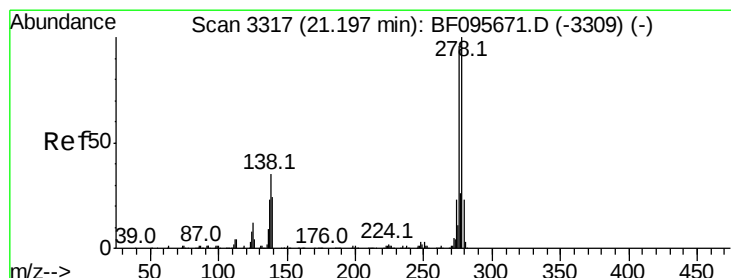
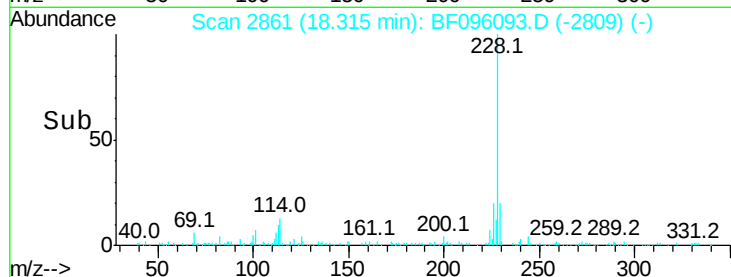
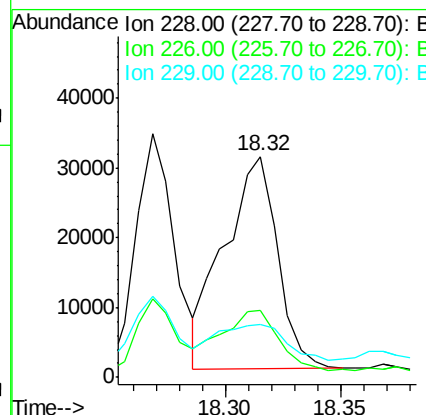
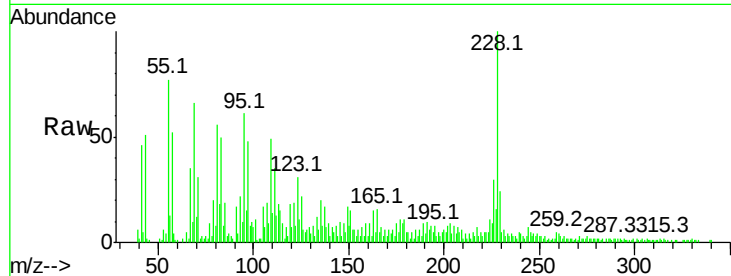




#82
Chrysene
Concen: 6.25 ng
RT: 18.32 min Scan# 2861
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

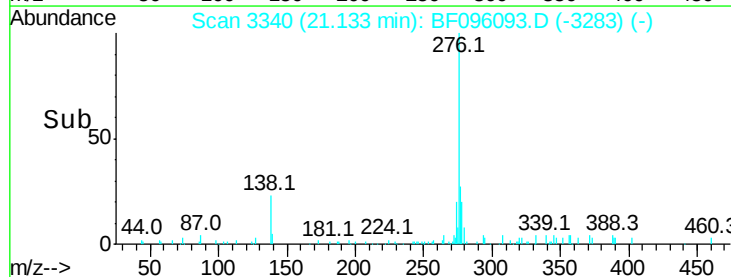
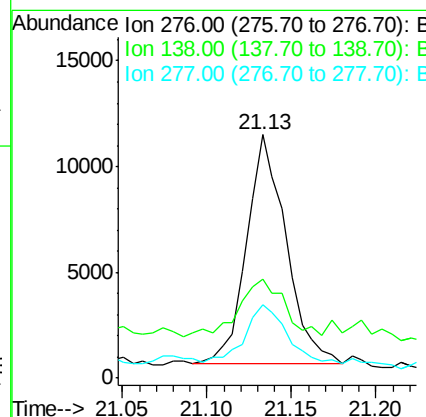
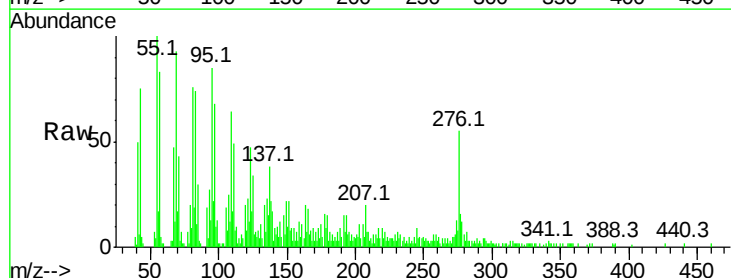
Instrument :
BNA_F
ClientSampleId :
G18-1.5-3

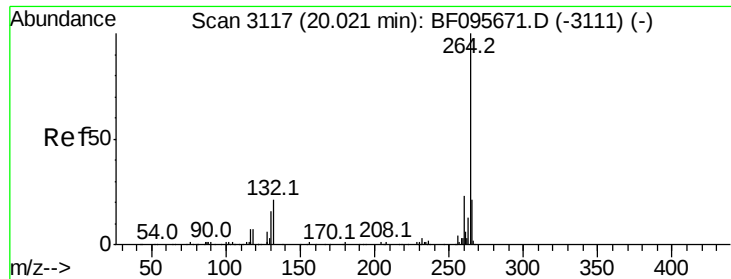
Tot Ion:228 Resp: 49182
Ion Ratio Lower Upper
228 100
226 30.3 24.9 37.3
229 24.2 15.8 23.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.60 ng
RT: 21.13 min Scan# 3340
Delta R.T. 0.04 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:276 Resp: 17495
Ion Ratio Lower Upper
276 100
138 29.1 27.8 41.6
277 27.0 20.2 30.4

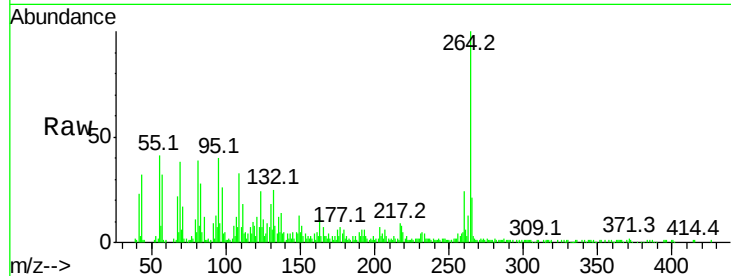




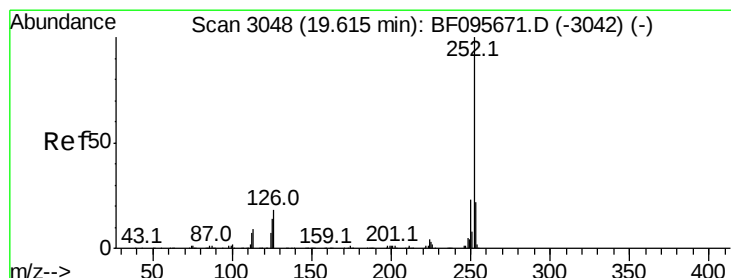
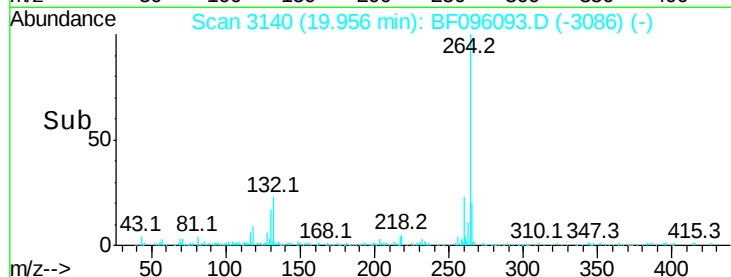
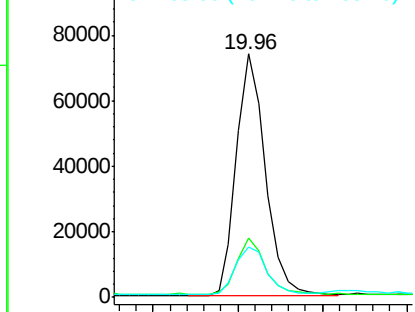
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3140
Delta R.T. 0.02 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :
G18-1.5-3

Tot Ion:264 Resp: 88567
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 20.9 17.2 25.8

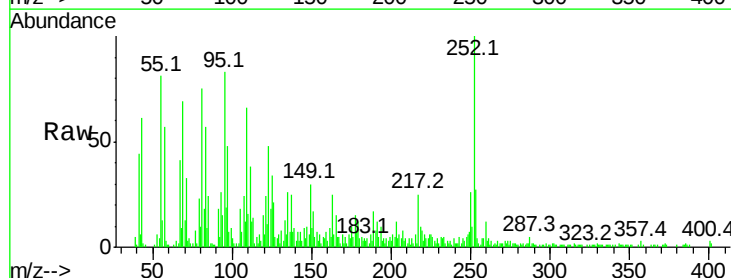


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

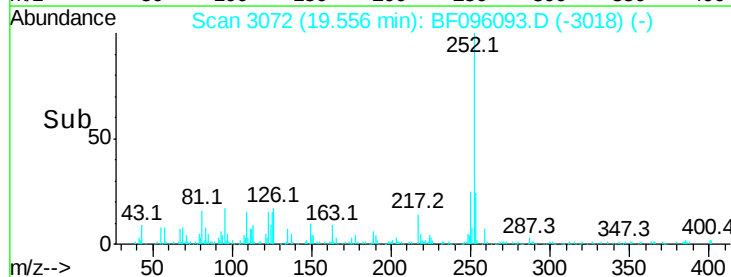
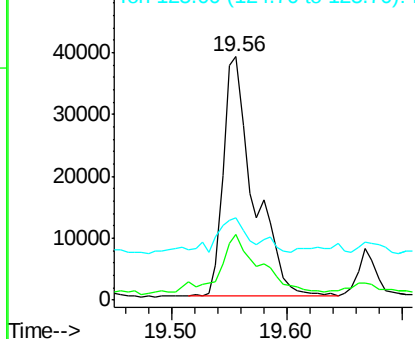


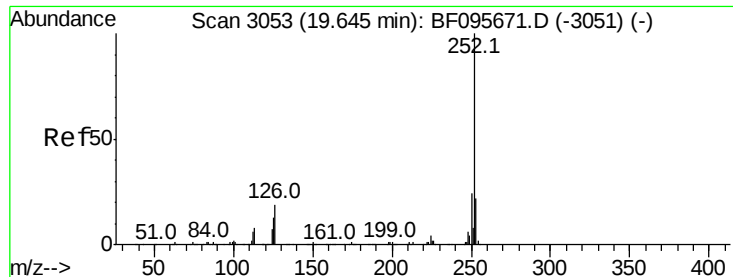
#87
Benzo(b)fluoranthene
Concen: 12.61 ng
RT: 19.56 min Scan# 3072
Delta R.T. 0.02 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:252 Resp: 69918
Ion Ratio Lower Upper
252 100
253 27.2 18.1 27.1#
125 34.0 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

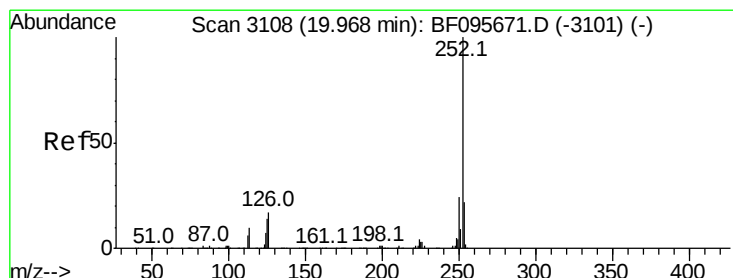
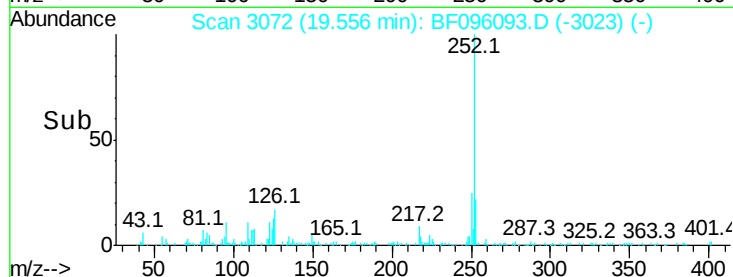
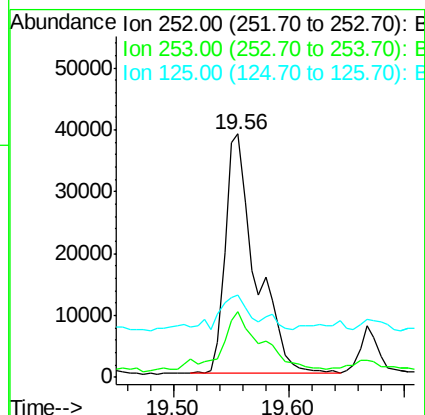
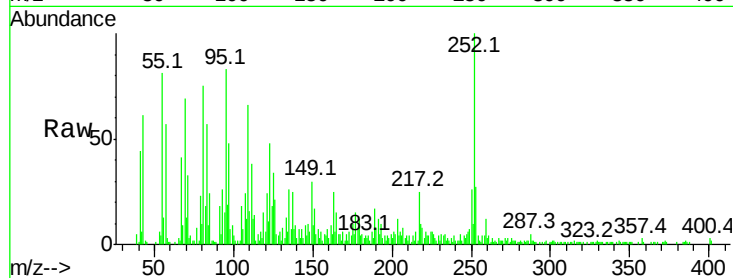




#88
Benzo(k)fluoranthene
Concen: 13.19 ng
RT: 19.56 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

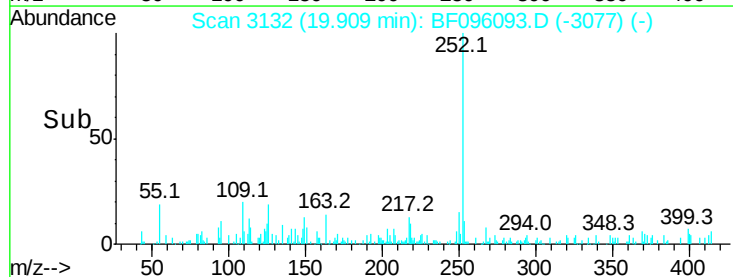
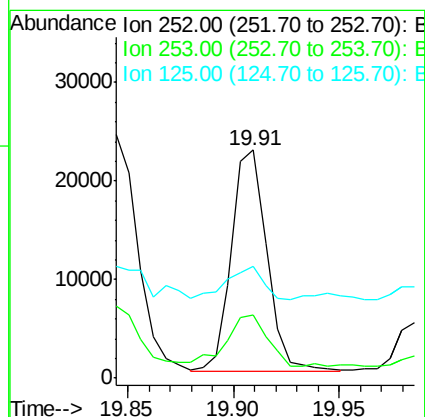
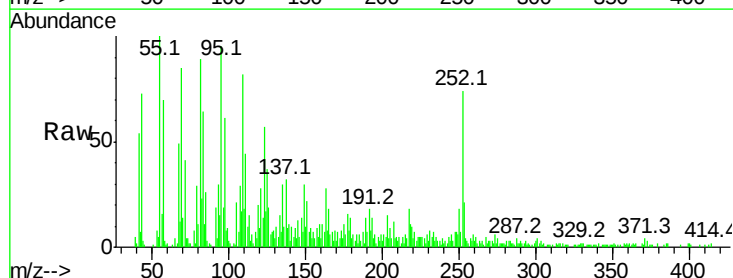
Instrument :
BNA_F
ClientSampleId :
G18-1.5-3

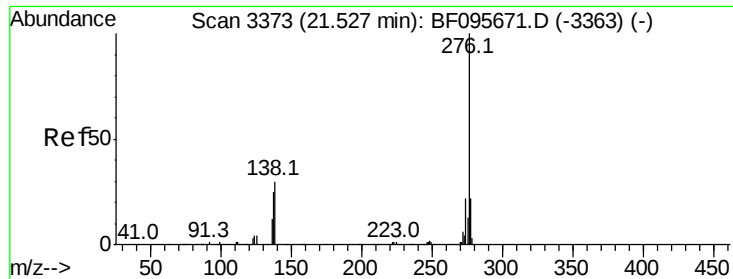
Tot Ion:252 Resp: 69918
Ion Ratio Lower Upper
252 100
253 27.2 18.4 27.6
125 34.0 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 5.12 ng
RT: 19.91 min Scan# 3132
Delta R.T. 0.02 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:252 Resp: 26098
Ion Ratio Lower Upper
252 100
253 27.7 17.5 26.3#
125 49.2 11.0 16.4#





#91

Benzo(a,h,i)perylene

Concen: 4.29 ng

RT: 21.47 min Scan# 3397

Delta R.T. 0.05 min

Lab File: BF096093.D

Acq: 21 Jun 2017 19:51

Instrument :

BNA_F

ClientSampleId :

G18-1.5-3

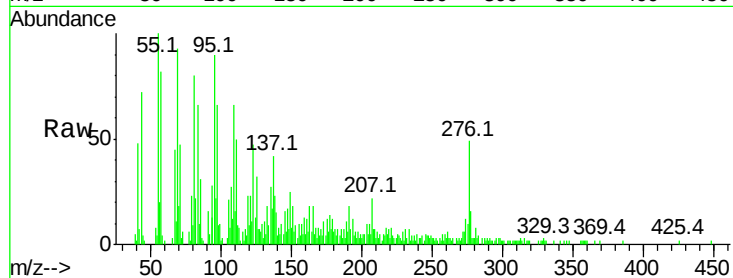
Tot Ion: 276 Resp: 18927

Ion Ratio Lower Upper

276 100

277 31.8 18.6 28.0#

138 47.0 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

