

Data Path : S:\HPCHEM1\BNA_G\DATA\BG022916\
 Data File : BG021178.D
 Acq On : 1 Mar 2016 8:08
 Operator : UM/SJ
 Sample : H1520-07RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 40054+15(0-2)RE

Quant Time: Mar 01 09:58:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	12080	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	61204	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	35111	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	72202	20.00	ng	0.00
75) Chrysene-d12	21.77	240	87192	20.00	ng	0.00
86) Perylene-d12	25.06	264	76136	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	86270	113.53	ng	-0.01
7) Phenol-d6	7.30	99	166697	133.41	ng	0.00
23) Nitrobenzene-d5	9.31	82	123571	85.43	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	12563	34.39	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	180932	73.17	ng	-0.01
78) Terphenyl-d14	20.09	244	241948	67.22	ng	0.00

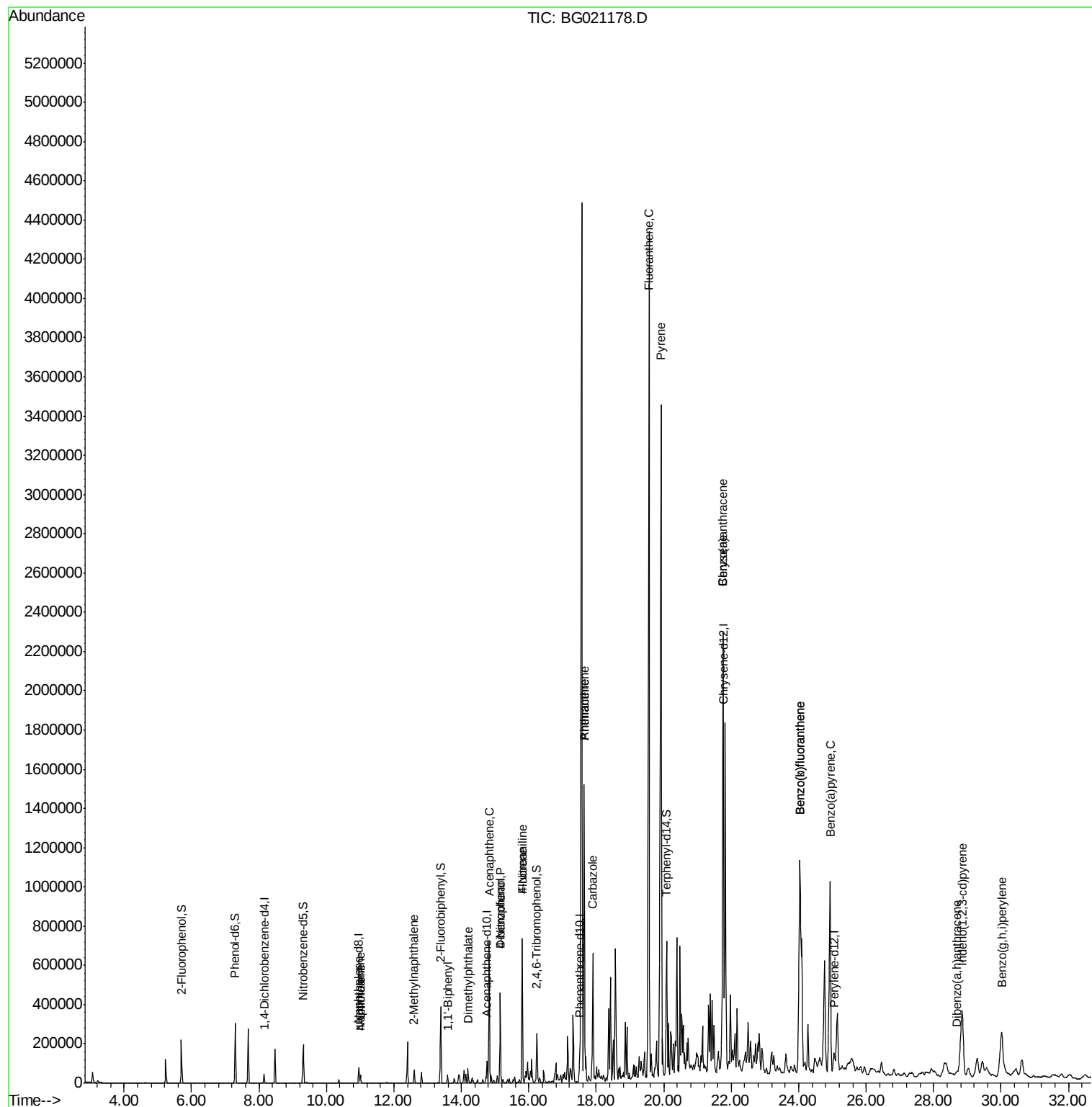
Target Compounds					Qvalue	
31) Naphthalene	11.01	128	33063	10.36	ng	97
33) 4-Chloroaniline	11.00	127	4497	3.06	ng	# 40
37) 2-Methylnaphthalene	12.60	142	29320	12.91	ng	# 95
45) 1,1'-Biphenyl	13.60	154	16617	5.75	ng	95
49) Dimethylphthalate	14.20	163	41568	13.28	ng	# 98
51) Acenaphthene	14.82	154	248880	106.83	ng	98
54) Dibenzofuran	15.15	168	243456	78.26	ng	# 89
55) 4-Nitrophenol	15.15	139	110253	183.01	ng	# 9
57) Fluorene	15.80	166	313155	105.64	ng	99
61) 4-Nitroaniline	15.80	138	4364	5.63	ng	# 19
70) Phenanthrene	17.64	178	816239	209.48	ng	98
71) Anthracene	17.64	178	816239	204.72	ng	95
72) Carbazole	17.90	167	392036	110.88	ng	96
74) Fluoranthene	19.56	202	2793091	610.15	ng	80
77) Pyrene	19.92	202	2304103	442.97	ng	# 80
80) Benzo(a)anthracene	21.76	228	1380070	267.34	ng	# 92
82) Chrysene	21.76	228	1380070	282.10	ng	95
85) Indeno(1,2,3-cd)pyrene	28.84	276	598859	106.76	ng	# 100
87) Benzo(b)fluoranthene	24.04	252	1388262	289.89	ng	94
88) Benzo(k)fluoranthene	24.04	252	1388262	289.45	ng	94
89) Benzo(a)pyrene	24.93	252	1045107	225.71	ng	# 93
90) Dibenzo(a,h)anthracene	28.70	278	24328	5.31	ng	93
91) Benzo(g,h,i)perylene	30.02	276	507689	114.73	ng	93

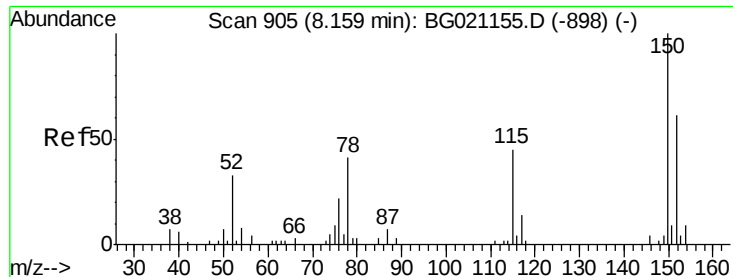
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)RE

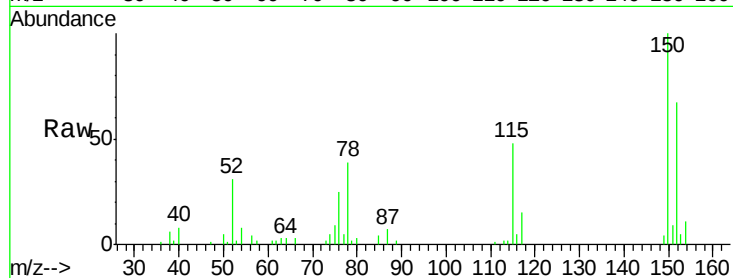
Tgt Ion:152 Resp: 12080

Ion Ratio Lower Upper

152 100

150 149.1 123.4 185.2

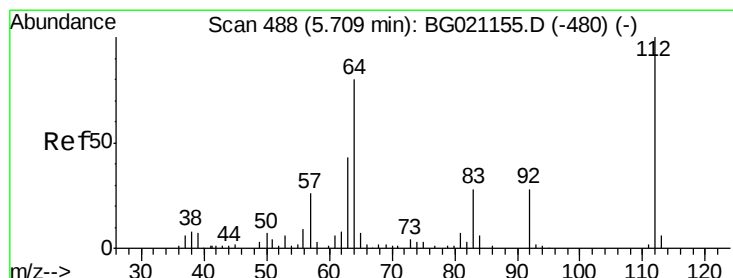
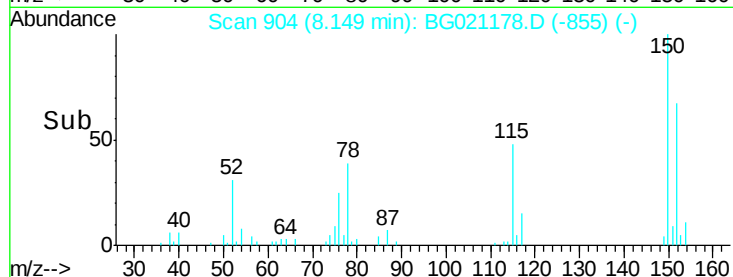
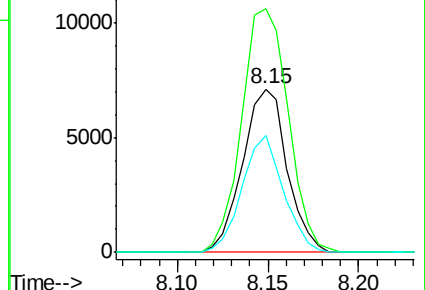
115 71.5 43.3 64.9#



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: 113.53 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

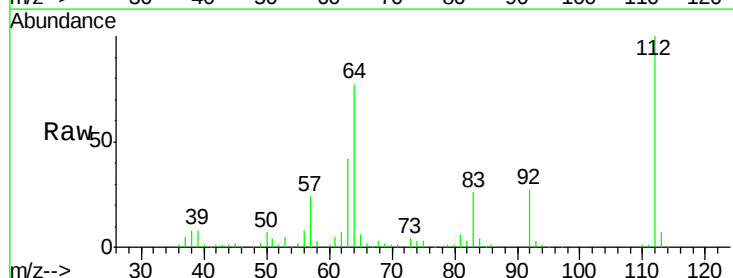
Tgt Ion:112 Resp: 86270

Ion Ratio Lower Upper

112 100

64 76.7 42.6 63.8#

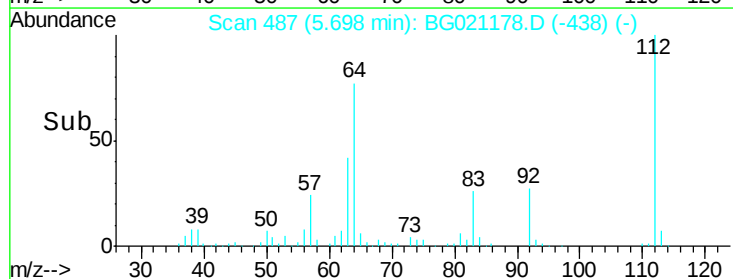
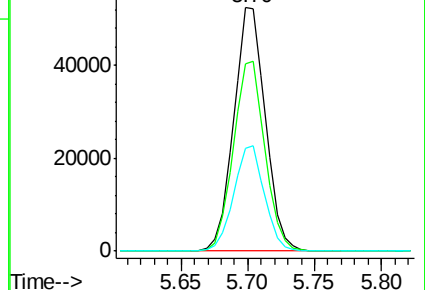
63 42.3 21.7 32.5#

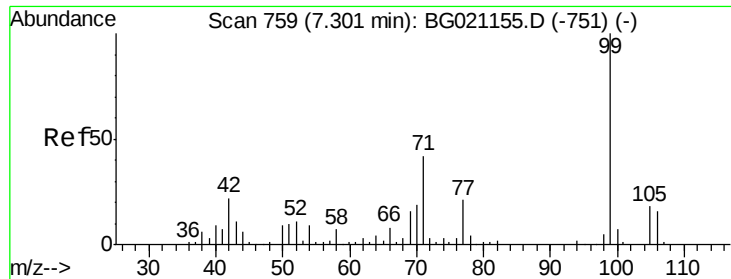


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.41 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

Instrument :

BNA_G

ClientSampled :

40054+15(0-2)RE

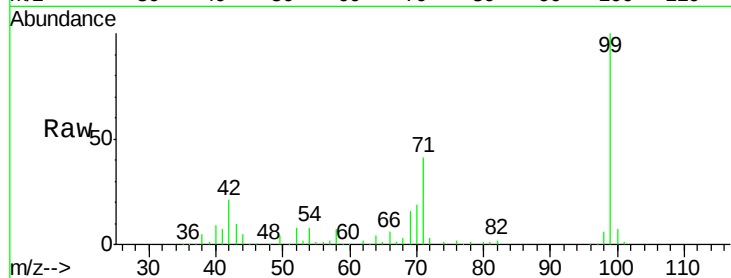
Tgt Ion: 99 Resp: 166697

Ion Ratio Lower Upper

99 100

42 20.9 13.2 19.8#

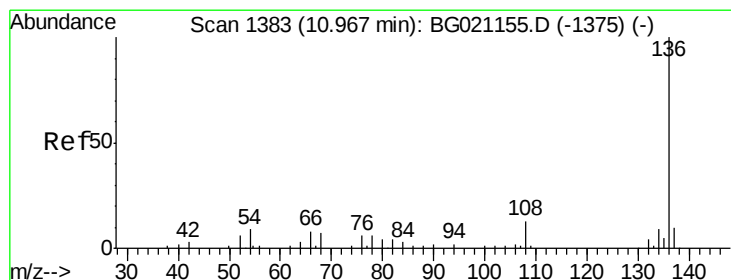
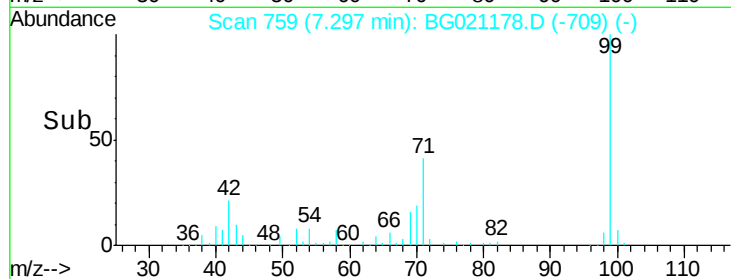
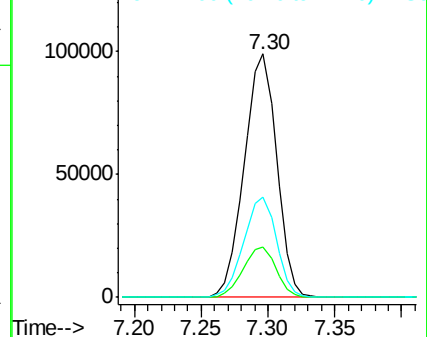
71 41.0 25.2 37.8#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

Tgt Ion: 136 Resp: 61204

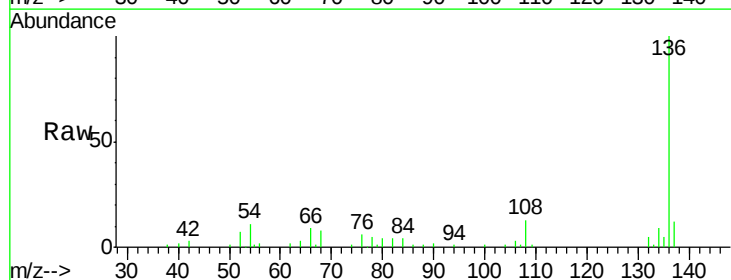
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 10.7 6.9 10.3#

68 7.7 5.8 8.6

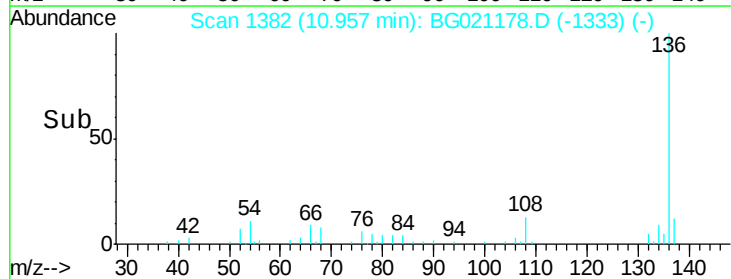
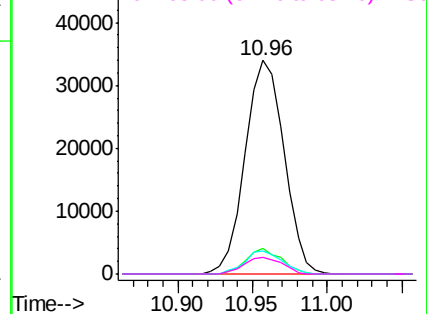


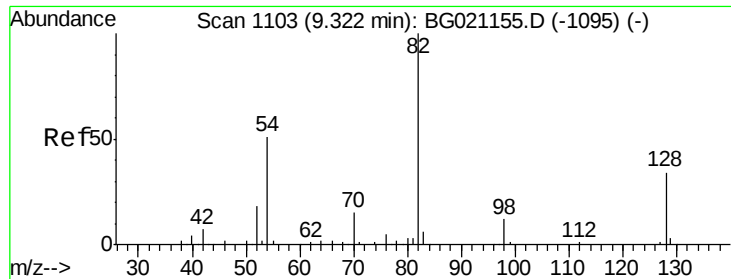
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

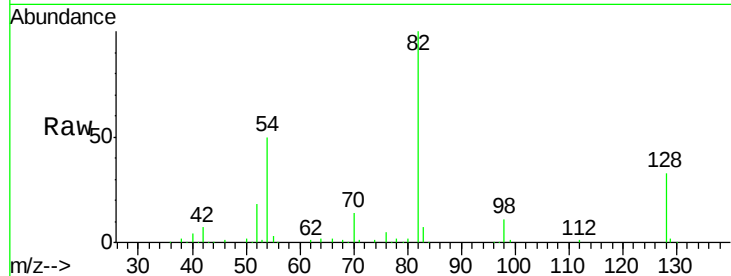




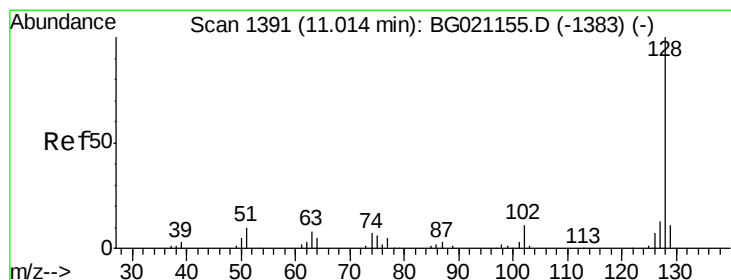
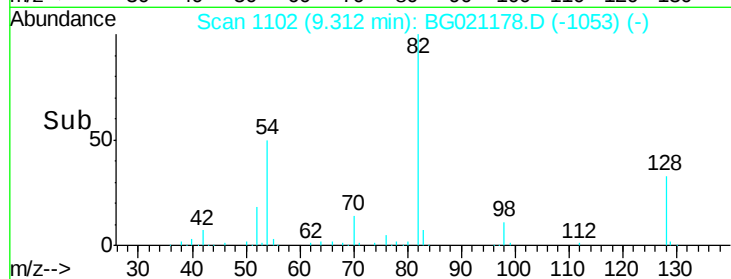
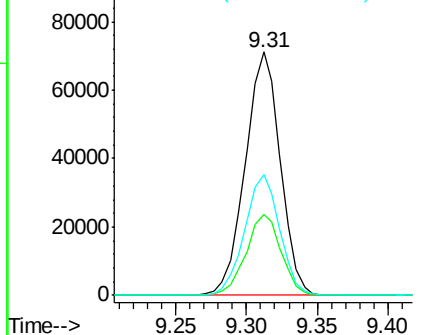
#23
 Nitrobenzene-d5
 Concen: 85.43 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BG021178.D
 Acq: 1 Mar 2016 8:08

Instrument :
 BNA_G
 ClientSampleId :
 40054+15(0-2)RE

Tgt Ion: 82 Resp: 123571
 Ion Ratio Lower Upper
 82 100
 128 33.0 36.3 54.5#
 54 49.7 37.6 56.4

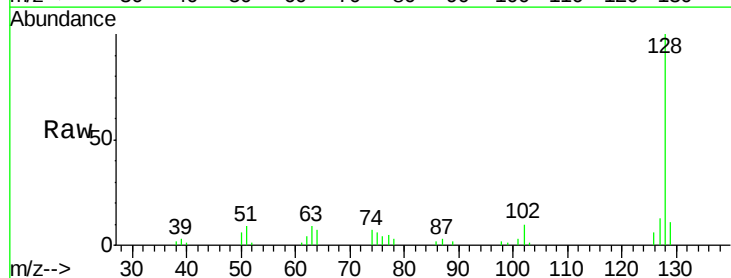


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

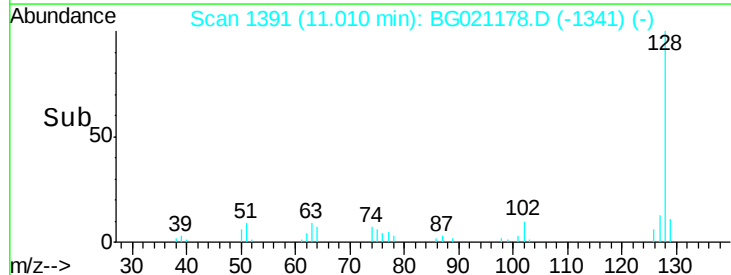
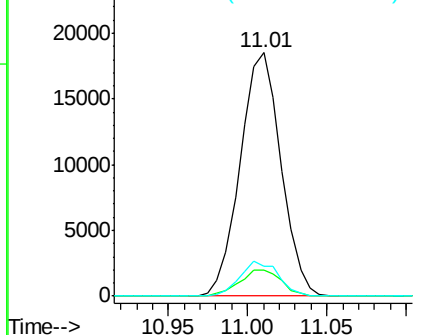


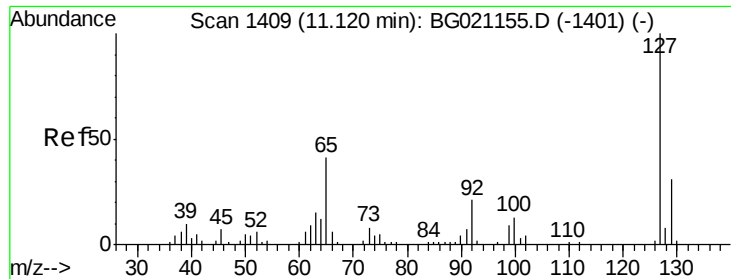
#31
 Naphthalene
 Concen: 10.36 ng
 RT: 11.01 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BG021178.D
 Acq: 1 Mar 2016 8:08

Tgt Ion: 128 Resp: 33063
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.4 14.2
 127 12.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

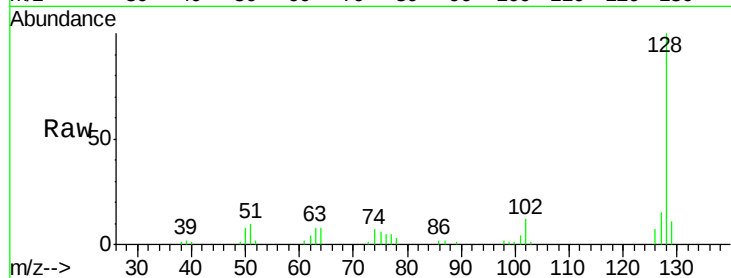




#33
4-Chloroaniline
Concen: 3.06 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.12 min
Lab File: BG021178.D
Acq: 1 Mar 2016 8:08

Instrument :
BNA_G
ClientSampleId :
40054+15(0-2)RE

Tgt Ion	Ratio	Lower	Upper
127	100		
129	74.9	26.2	39.2#
65	0.0	22.9	34.3#
92	0.0	15.0	22.6#

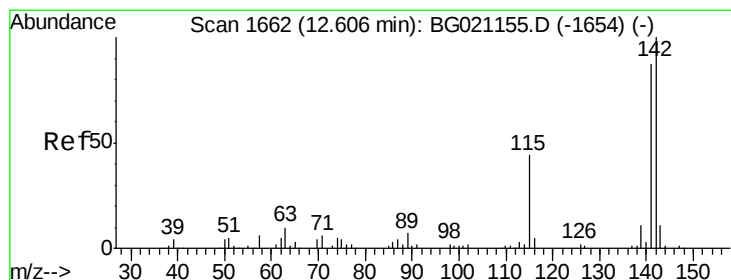
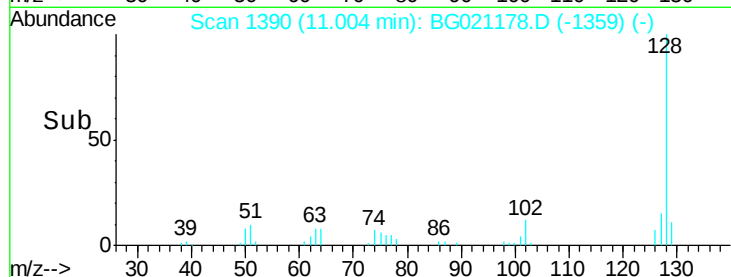
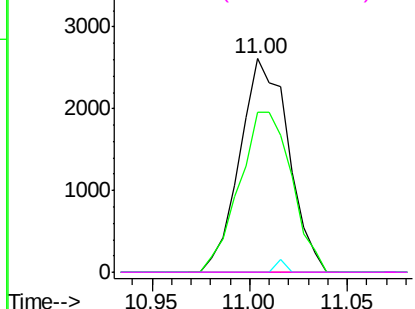


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

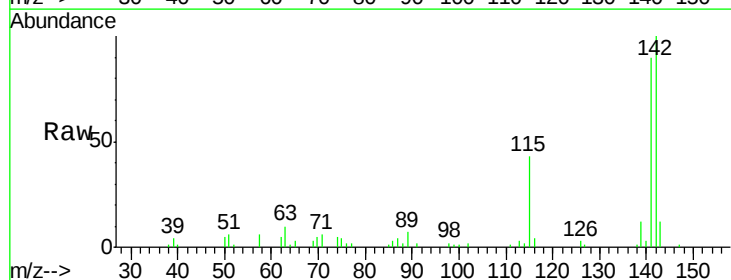
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#37
2-Methylnaphthalene
Concen: 12.91 ng
RT: 12.60 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BG021178.D
Acq: 1 Mar 2016 8:08

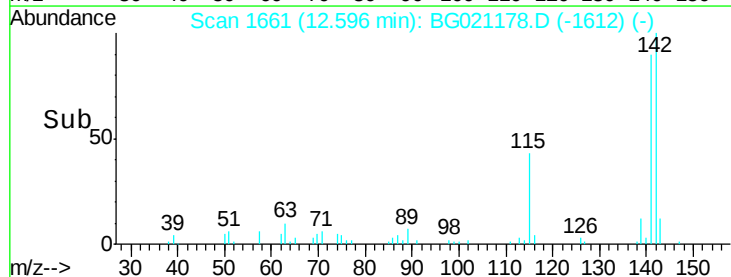
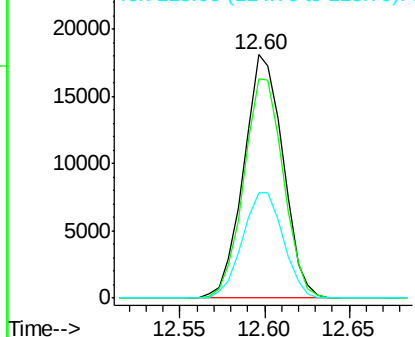
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.7	107.5
115	43.4	26.2	39.4#

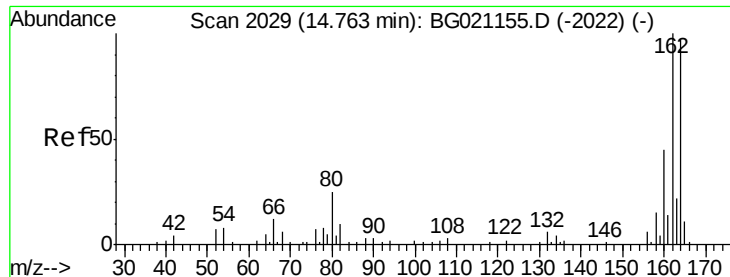


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)RE

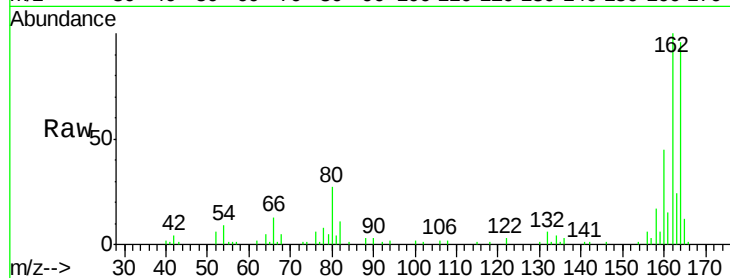
Tgt Ion:164 Resp: 35111

Ion Ratio Lower Upper

164 100

162 104.1 80.6 120.8

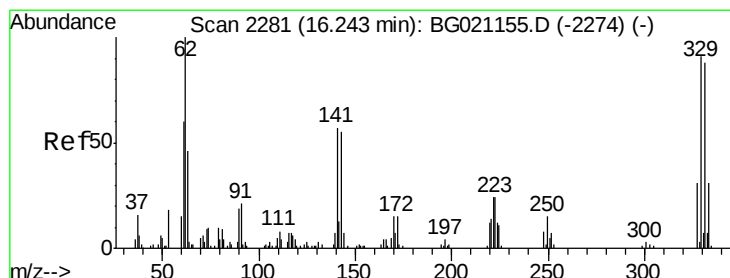
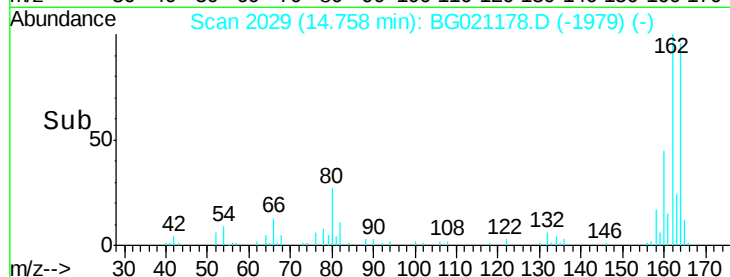
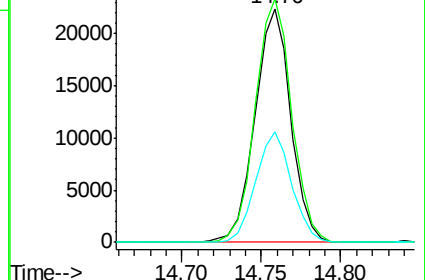
160 47.1 36.5 54.7



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: 34.39 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

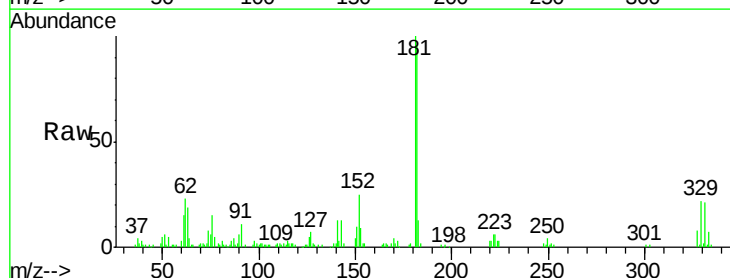
Tgt Ion:330 Resp: 12563

Ion Ratio Lower Upper

330 100

332 99.1 77.4 116.0

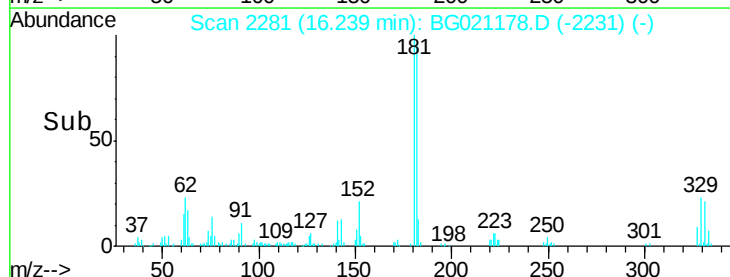
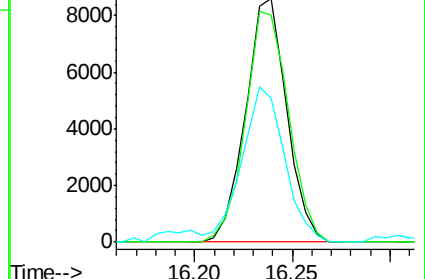
141 66.2 35.3 52.9#

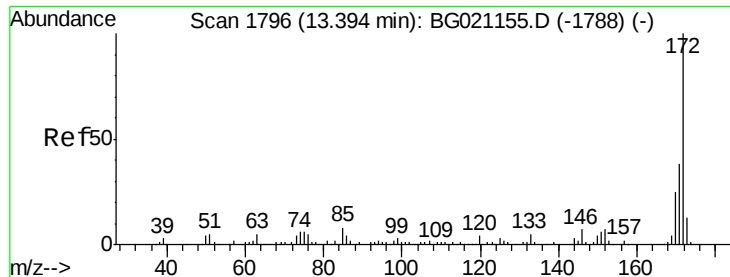


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

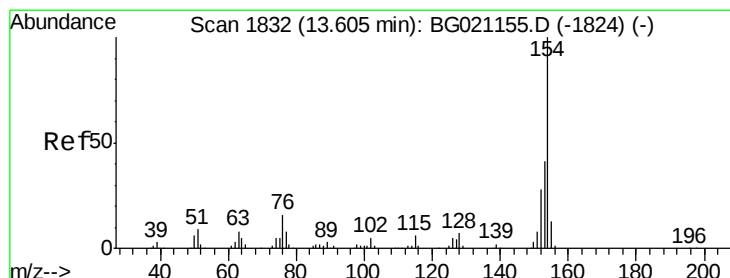
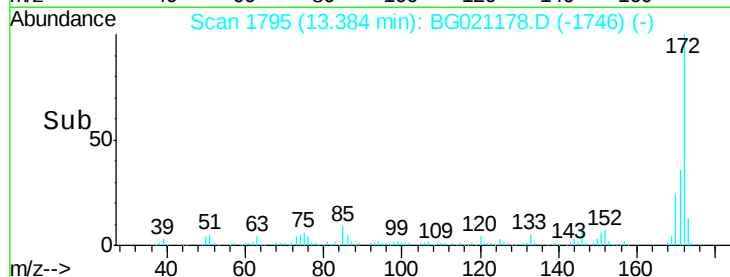
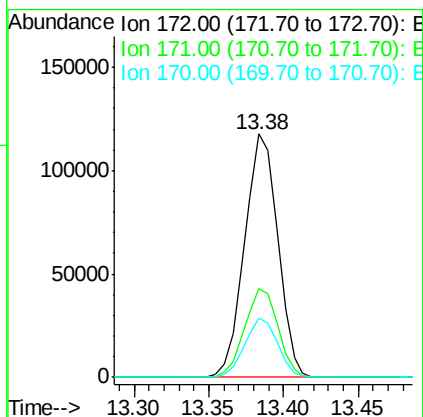
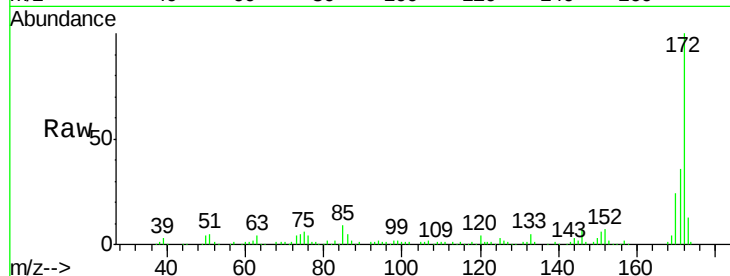




#44
2-Fluorobiphenyl
Concen: 73.17 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG021178.D
Acq: 1 Mar 2016 8:08

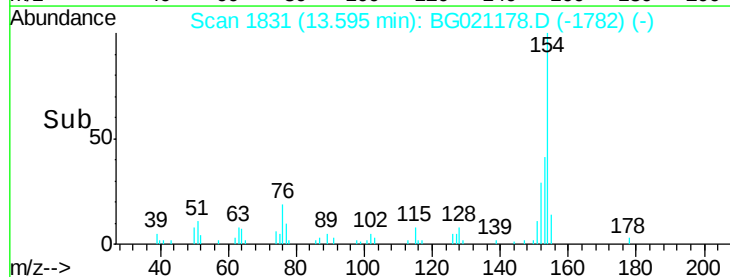
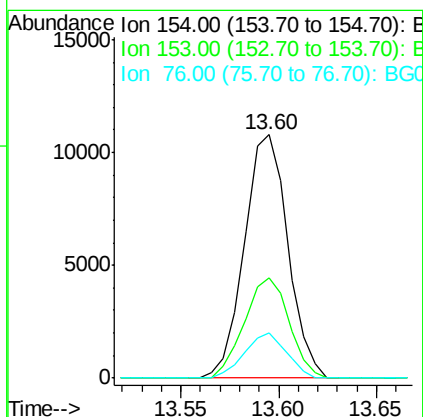
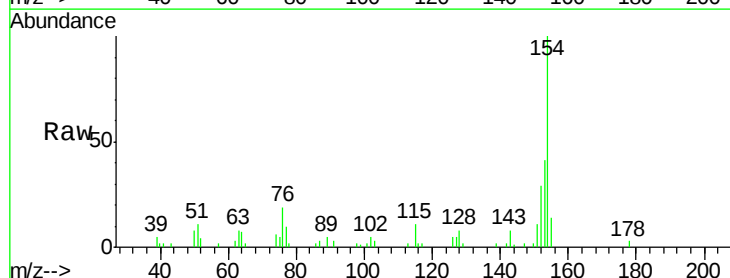
Instrument :
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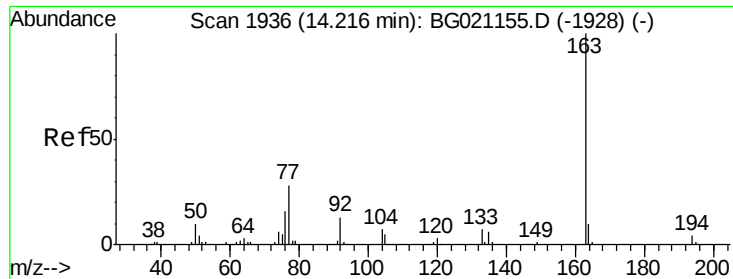
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.2	19.8	29.8



#45
1,1'-Biphenyl
Concen: 5.75 ng
RT: 13.60 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG021178.D
Acq: 1 Mar 2016 8:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.8	59.8
76	18.7	0.0	33.6





#49

Dimethylphthalate

Concen: 13.28 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

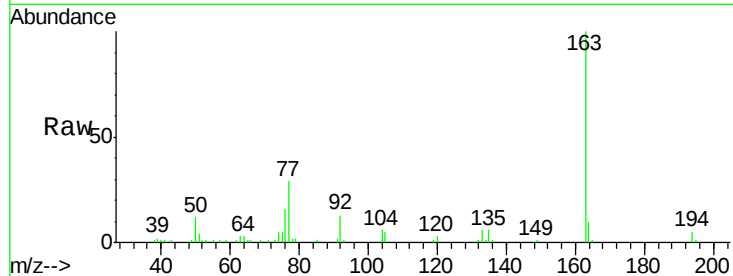
Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)RE

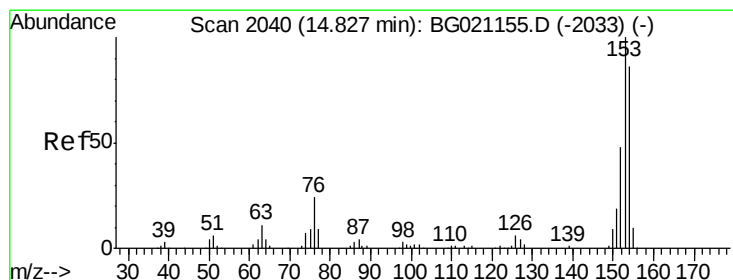
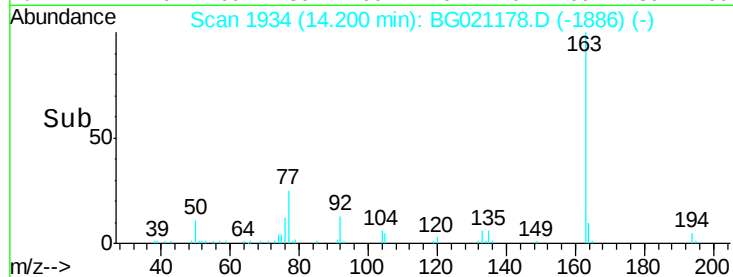
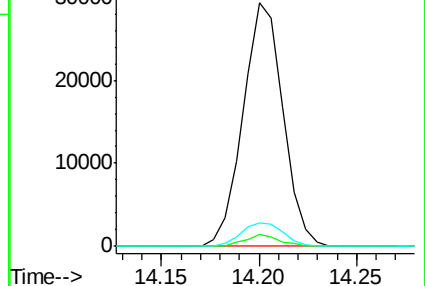
Tgt Ion:	163	Resp:	41568
Ion Ratio	Lower	Upper	
163	100		
194	4.8	2.8	4.2#
164	9.6	7.9	11.9



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: 106.83 ng

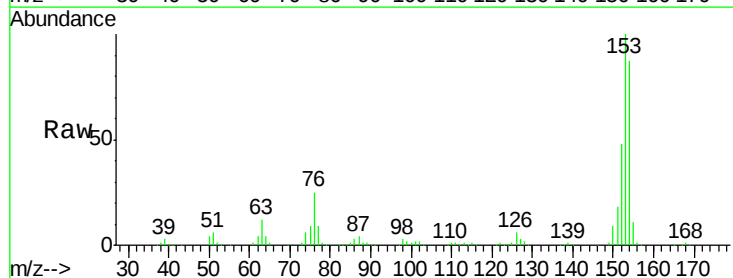
RT: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

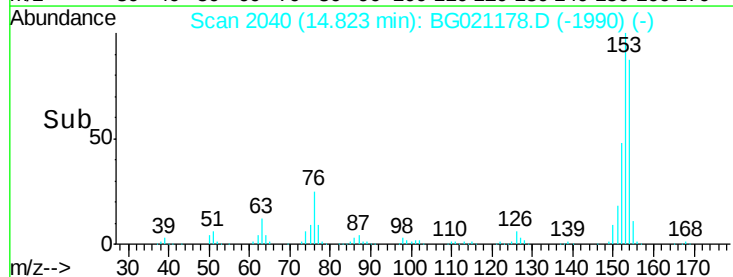
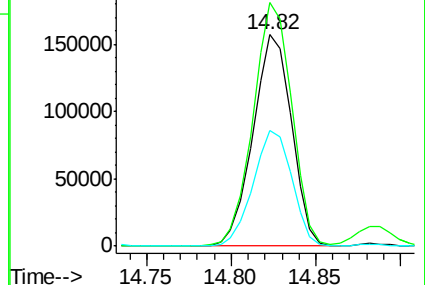
Tgt Ion:	154	Resp:	248880
Ion Ratio	Lower	Upper	
154	100		
153	115.3	94.2	141.2
152	55.1	42.9	64.3

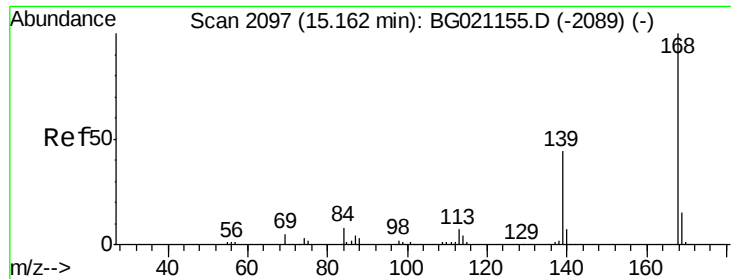


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

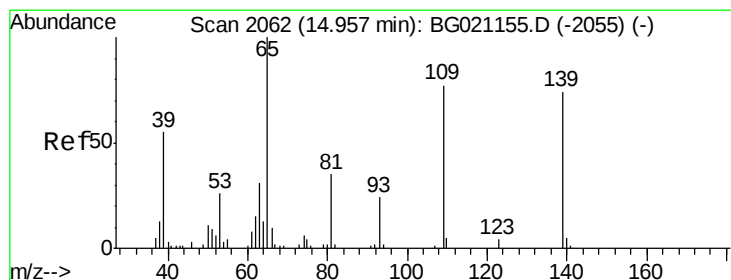
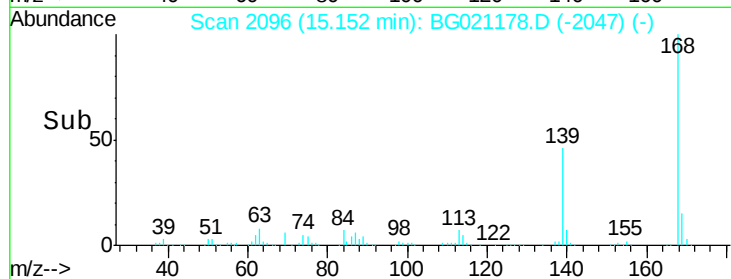
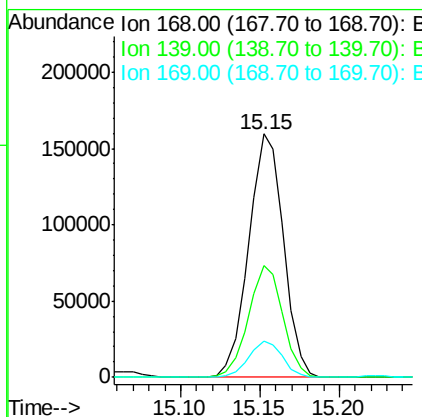
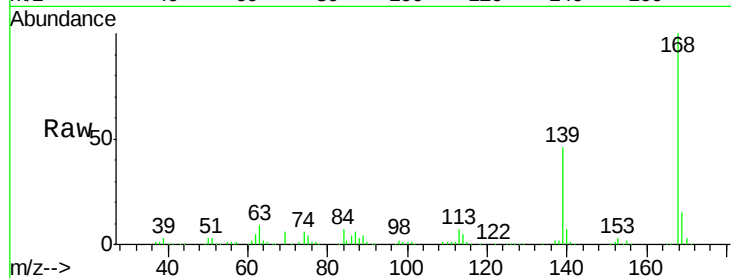




#54
Dibenzenofuran
Concen: 78.26 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BG021178.D
Acq: 1 Mar 2016 8:08

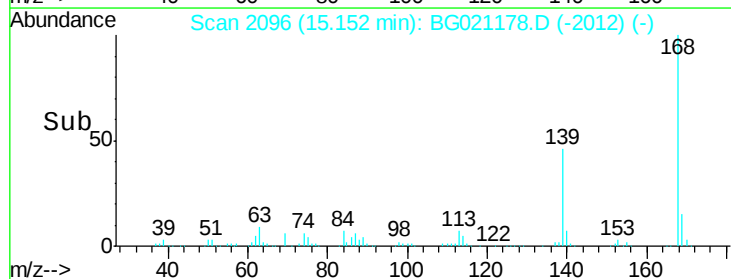
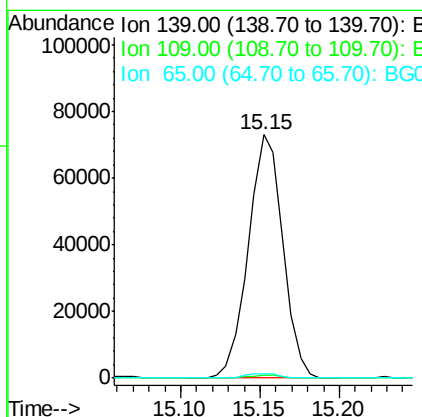
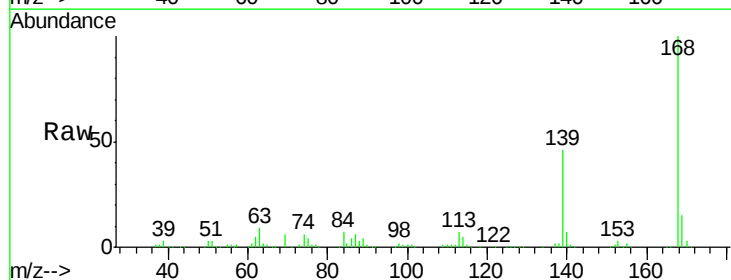
Instrument :
BNA_G
ClientSampleId :
40054+15(0-2)RE

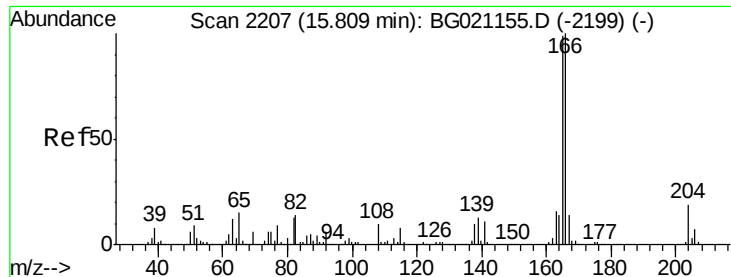
Tgt Ion:168 Resp: 243456
Ion Ratio Lower Upper
168 100
139 45.8 29.8 44.8#
169 14.7 11.4 17.2



#55
4-Nitrophenol
Concen: 183.01 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.20 min
Lab File: BG021178.D
Acq: 1 Mar 2016 8:08

Tgt Ion:139 Resp: 110253
Ion Ratio Lower Upper
139 100
109 1.4 54.1 94.1#
65 1.7 73.4 113.4#





#57

Fluorene

Concen: 105.64 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)RE

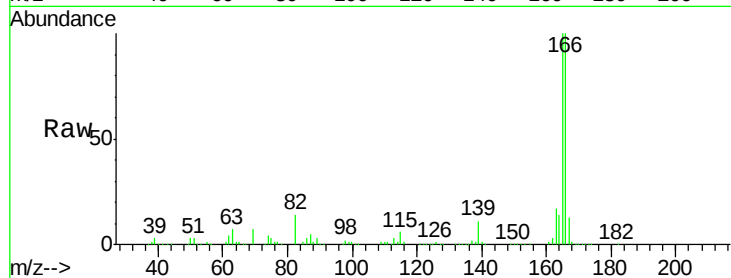
Tgt Ion:166 Resp: 313155

Ion Ratio Lower Upper

166 100

165 100.3 81.3 121.9

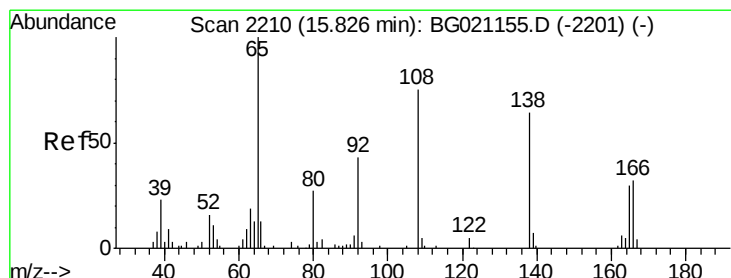
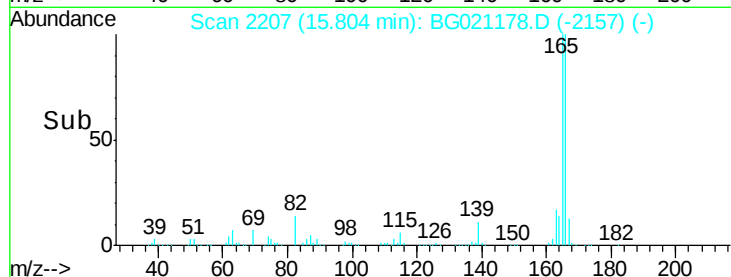
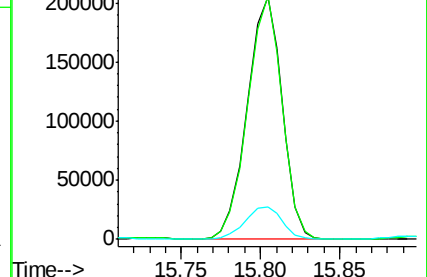
167 13.5 10.6 16.0



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



#61

4-Nitroaniline

Concen: 5.63 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

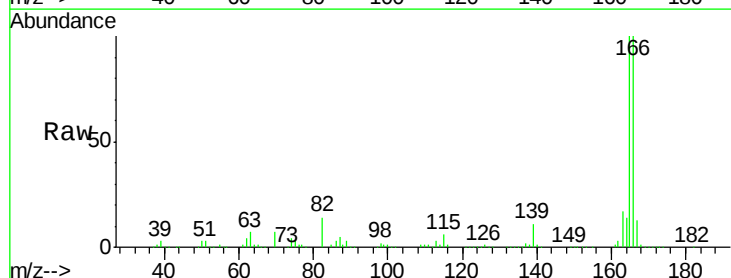
Tgt Ion:138 Resp: 4364

Ion Ratio Lower Upper

138 100

92 0.0 28.0 68.0#

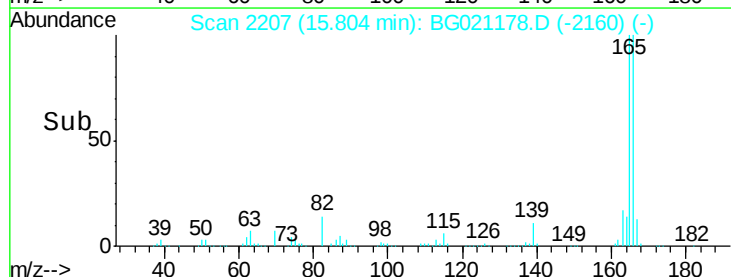
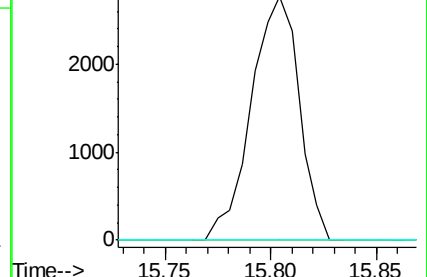
108 0.0 52.6 92.6#

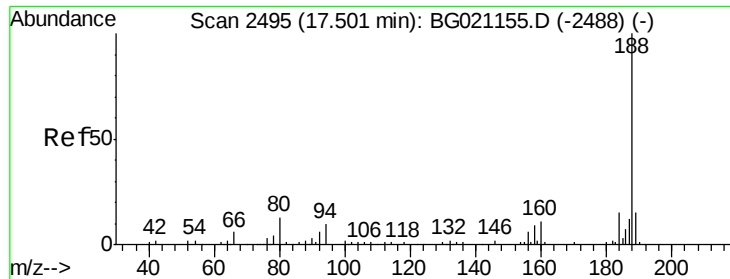


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

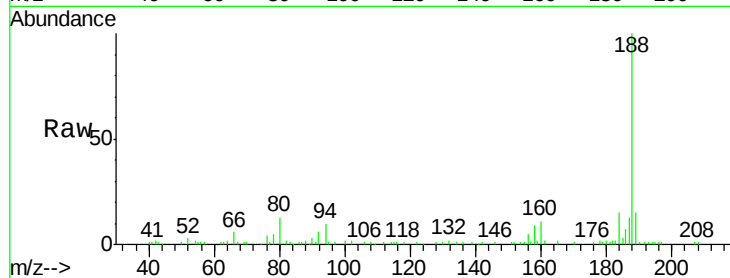




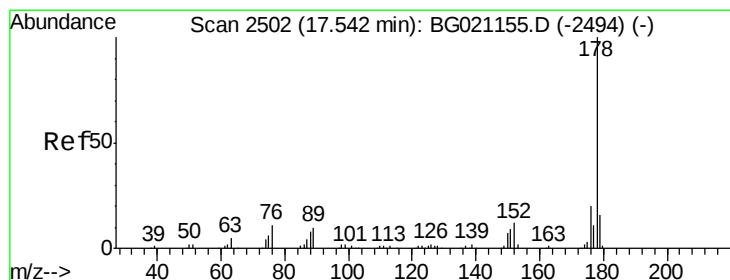
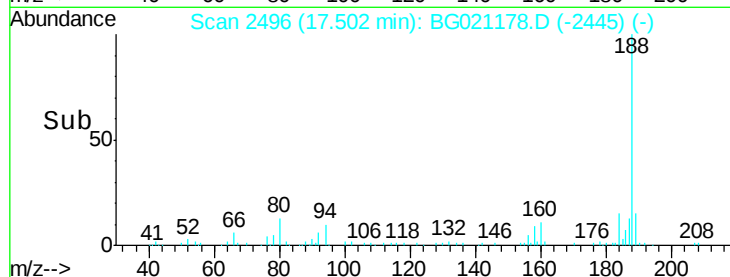
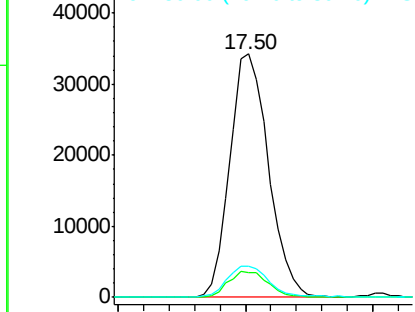
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BG021178.D
Acq: 1 Mar 2016 8:08

Instrument :
BNA_G
ClientSampleId :
40054+15(0-2)RE

Tgt Ion:188 Resp: 72202
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.4
80 13.0 9.2 13.8

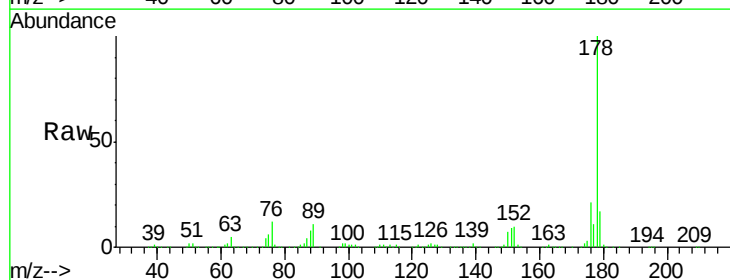


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

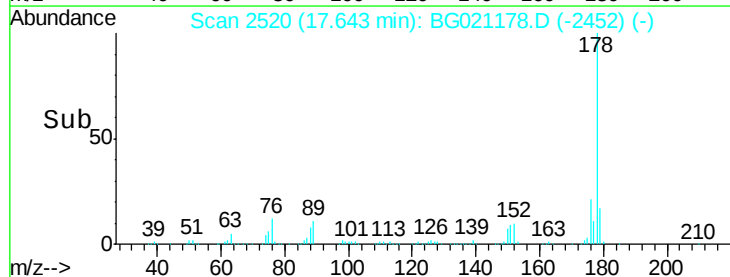
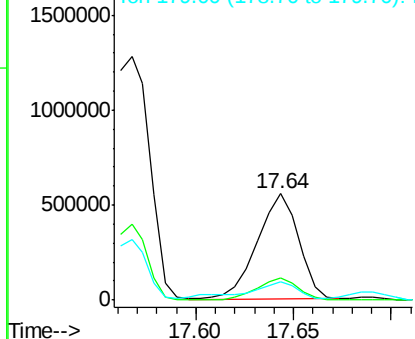


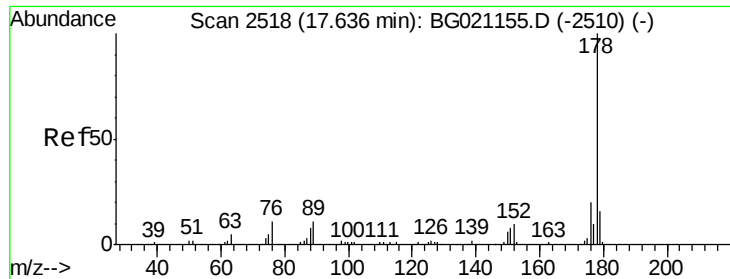
#70
Phenanthrene
Concen: 209.48 ng
RT: 17.64 min Scan# 2520
Delta R.T. 0.10 min
Lab File: BG021178.D
Acq: 1 Mar 2016 8:08

Tgt Ion:178 Resp: 816239
Ion Ratio Lower Upper
178 100
176 21.3 16.2 24.4
179 17.3 12.9 19.3



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: 204.72 ng

RT: 17.64 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)RE

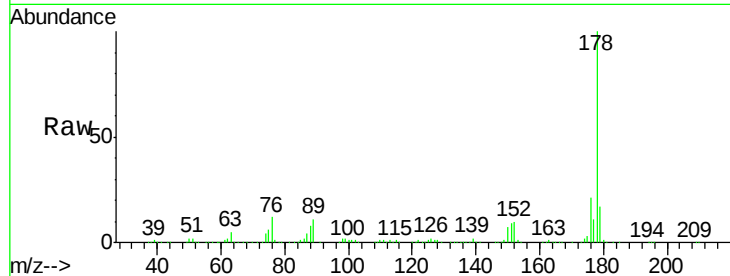
Tgt Ion:178 Resp: 816239

Ion Ratio Lower Upper

178 100

176 21.3 14.8 22.2

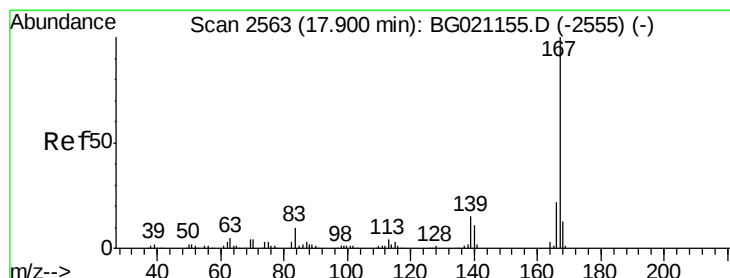
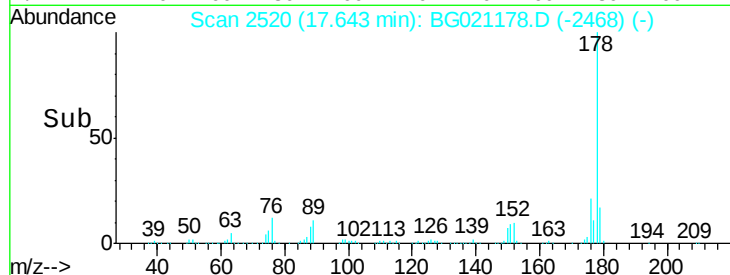
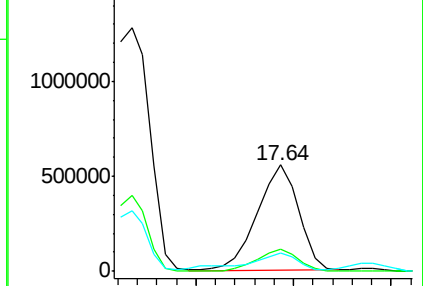
179 17.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 110.88 ng

RT: 17.90 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

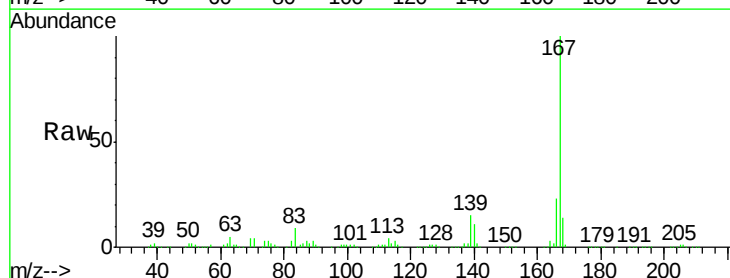
Tgt Ion:167 Resp: 392036

Ion Ratio Lower Upper

167 100

166 23.4 17.5 26.3

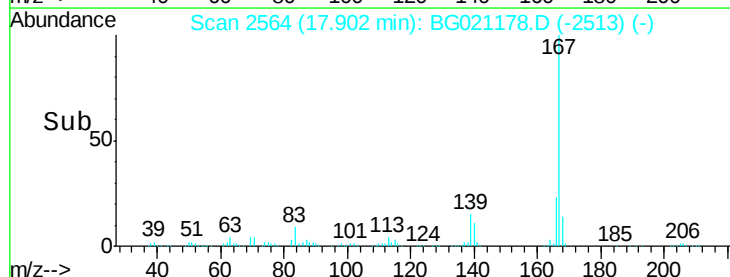
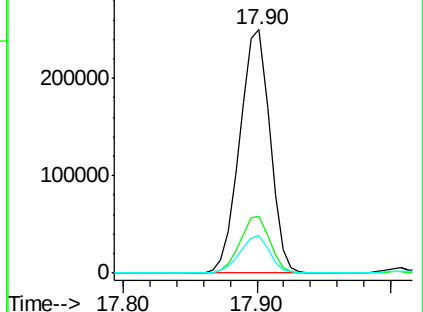
139 15.2 10.3 15.5

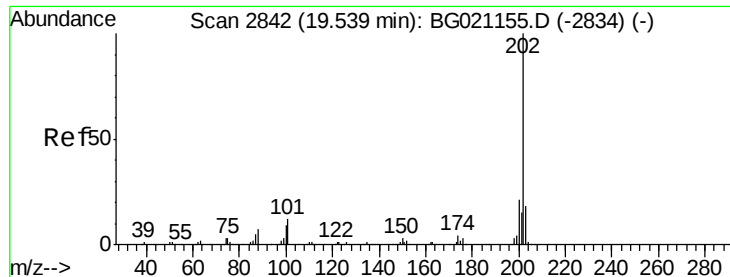


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 610.15 ng

RT: 19.56 min Scan# 2847

Delta R.T. 0.03 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)RE

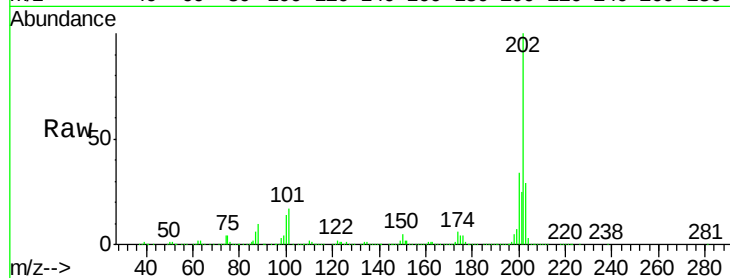
Tgt Ion:202 Resp: 2793091

Ion Ratio Lower Upper

202 100

101 17.4 0.0 32.5

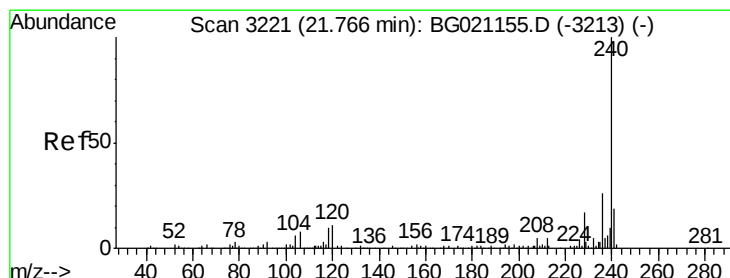
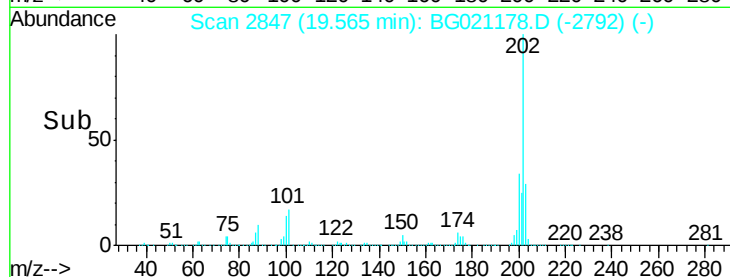
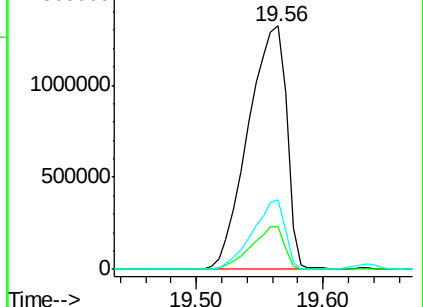
203 28.7 0.0 37.6



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: 21.77 min Scan# 3223

Delta R.T. 0.01 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

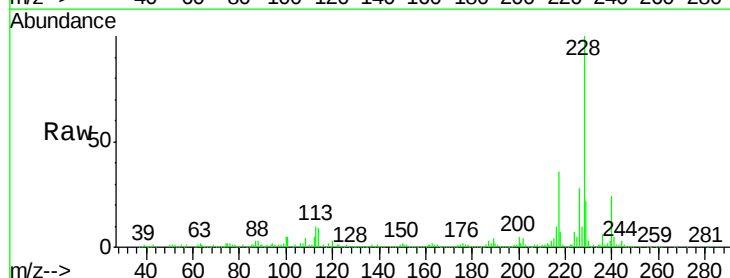
Tgt Ion:240 Resp: 87192

Ion Ratio Lower Upper

240 100

120 11.3 7.5 11.3#

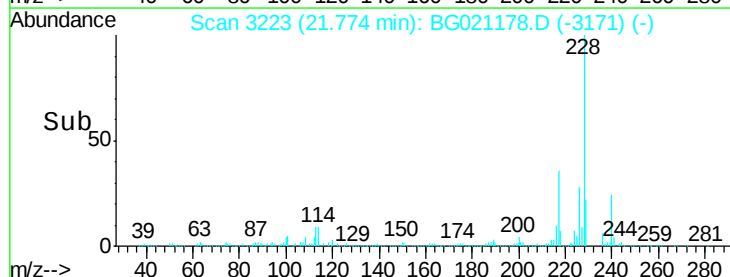
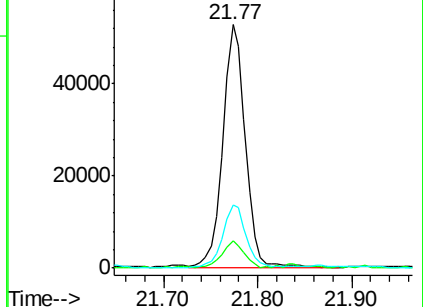
236 26.1 20.5 30.7

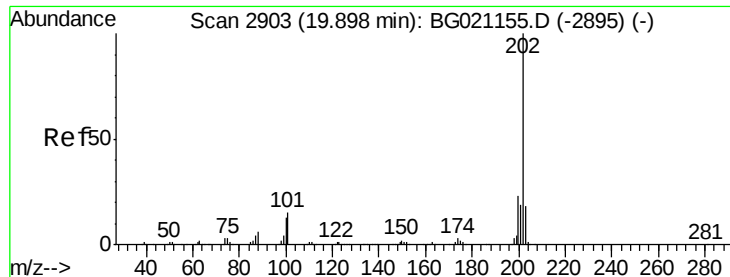


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 442.97 ng

RT: 19.92 min Scan# 2907

Delta R.T. 0.02 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)RE

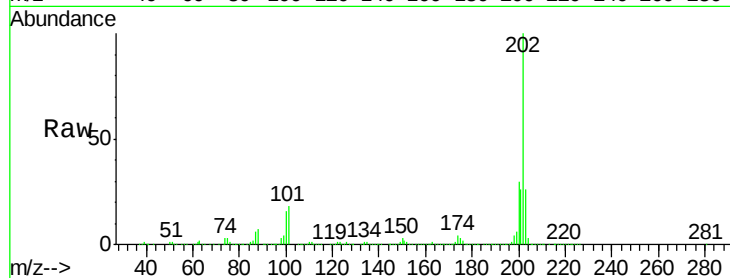
Tgt Ion:202 Resp: 2304103

Ion Ratio Lower Upper

202 100

200 30.0 16.6 25.0#

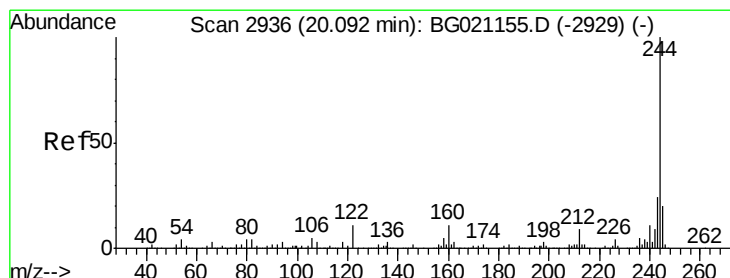
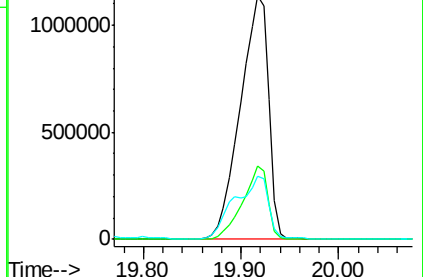
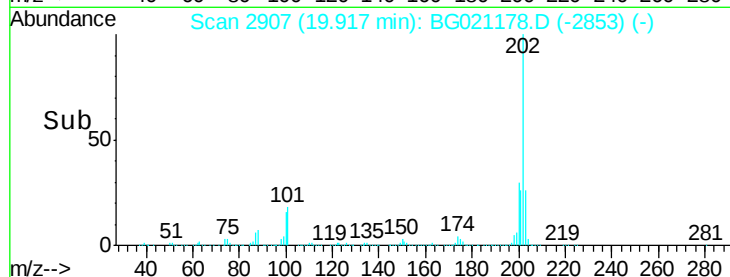
203 26.0 13.8 20.8#



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: 67.22 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.00 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

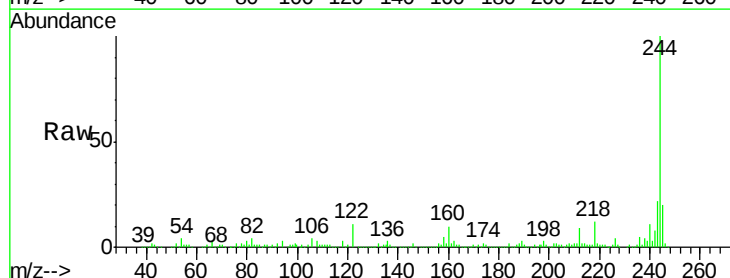
Tgt Ion:244 Resp: 241948

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.6

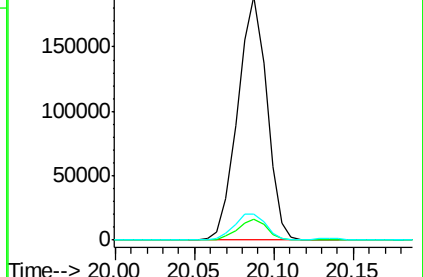
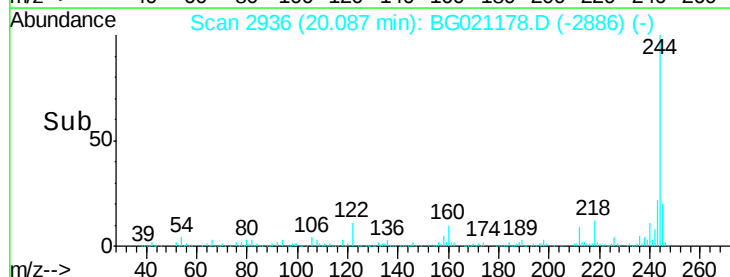
122 10.9 8.3 12.5

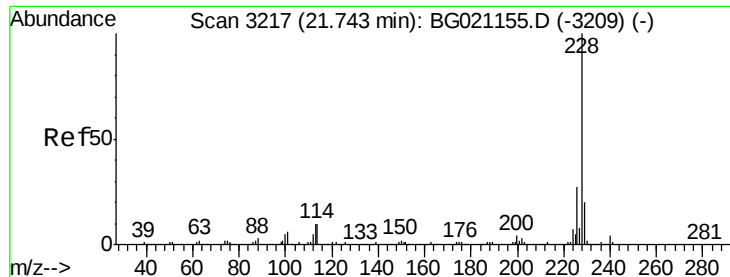


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 267.34 ng

RT: 21.76 min Scan# 3220

Delta R.T. 0.01 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)RE

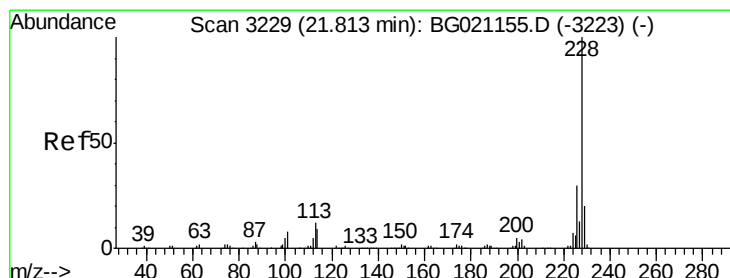
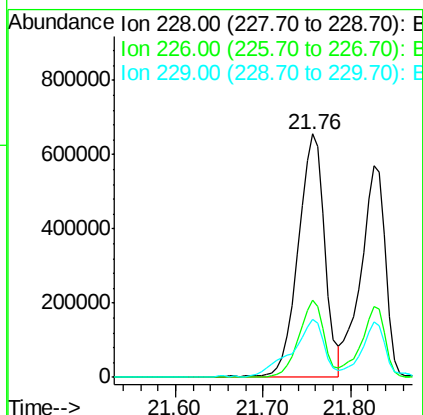
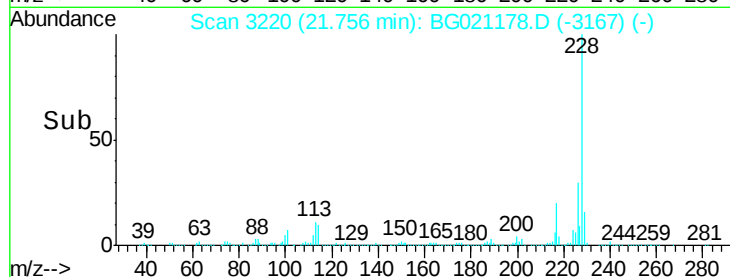
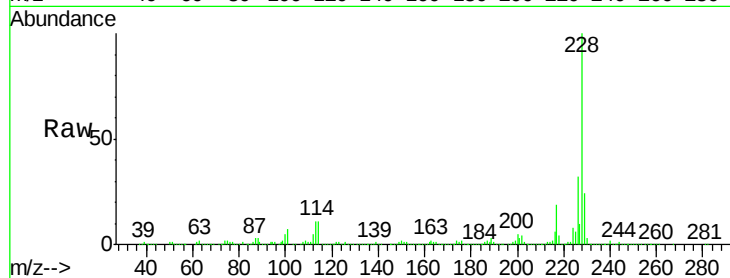
Tgt Ion:228 Resp: 1380070

Ion Ratio Lower Upper

228 100

226 31.9 22.7 34.1

229 23.7 15.5 23.3#



#82

Chrysene

Concen: 282.10 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.06 min

Lab File: BG021178.D

Acq: 1 Mar 2016 8:08

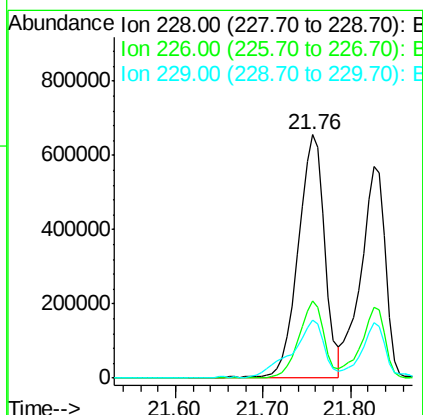
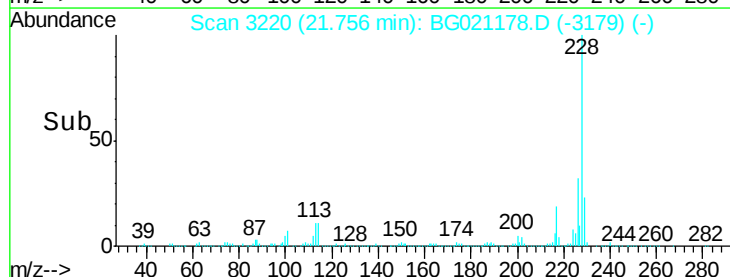
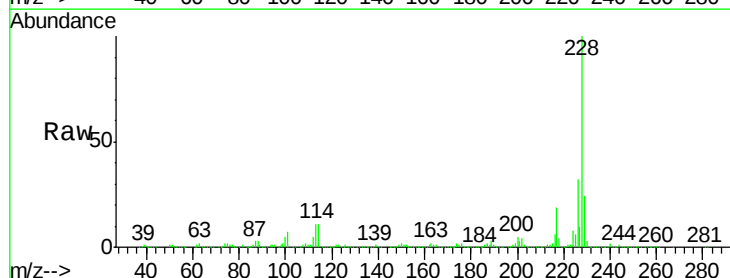
Tgt Ion:228 Resp: 1380070

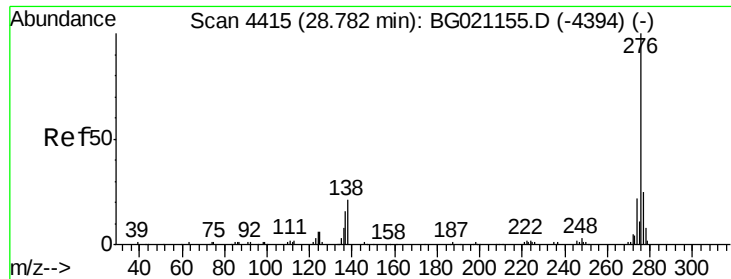
Ion Ratio Lower Upper

228 100

226 31.9 23.7 35.5

229 23.7 16.7 25.1

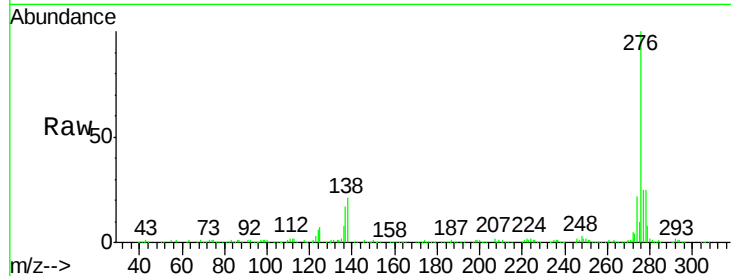




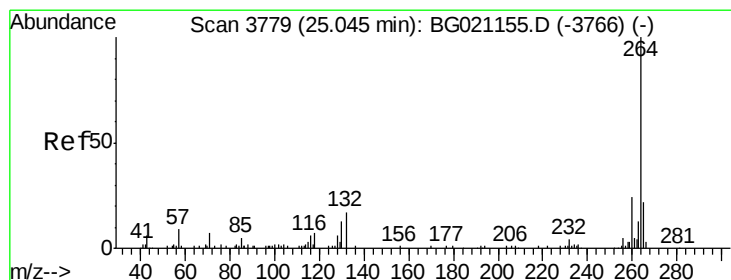
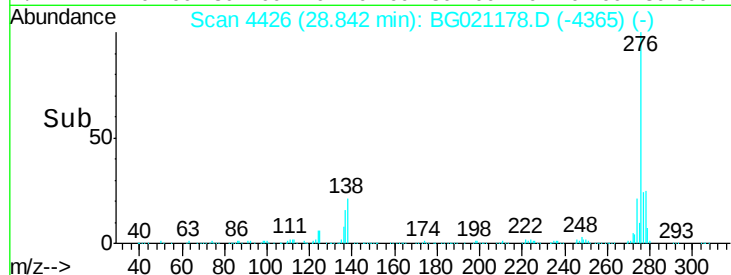
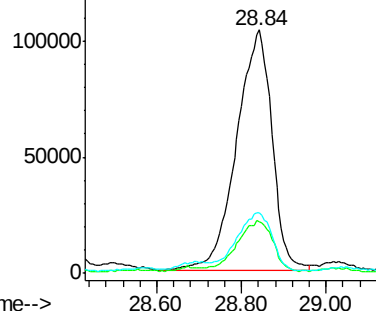
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 106.76 ng
 RT: 28.84 min Scan# 4426
 Delta R.T. 0.06 min
 Lab File: BG021178.D
 Acq: 1 Mar 2016 8:08

Instrument :
 BNA_G
 ClientSampleId :
 40054+15(0-2)RE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	0.0	0.0#
277	23.8	0.0	0.0#

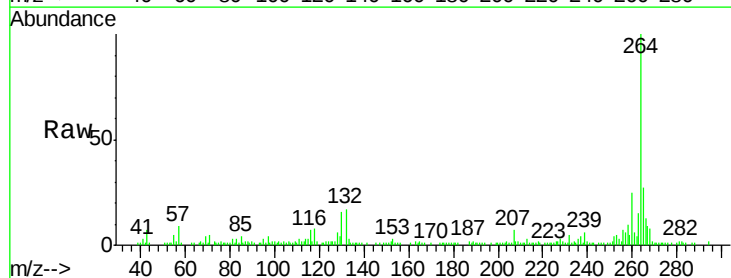


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

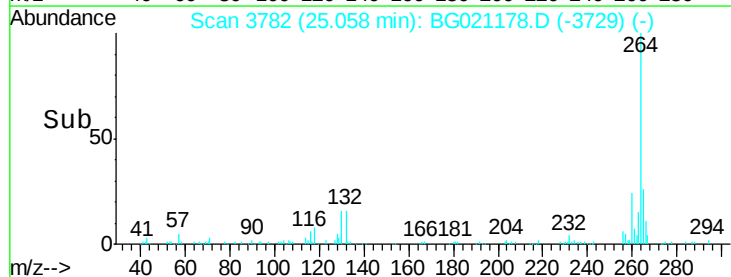
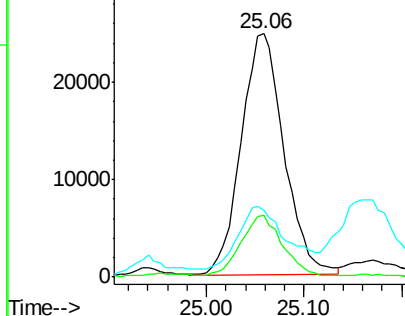


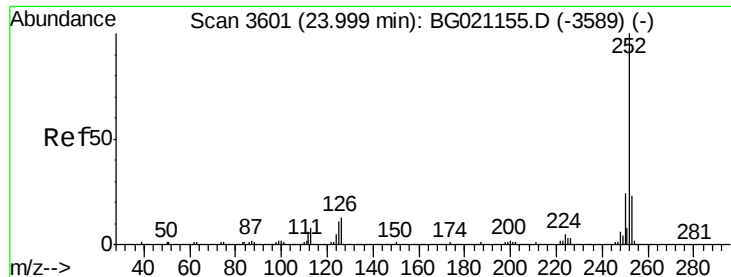
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. 0.01 min
 Lab File: BG021178.D
 Acq: 1 Mar 2016 8:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.5	27.7
265	27.4	18.6	28.0



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

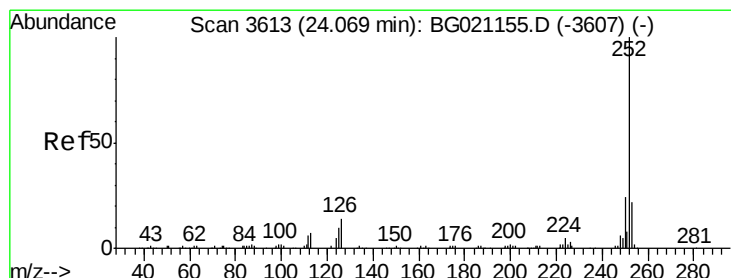
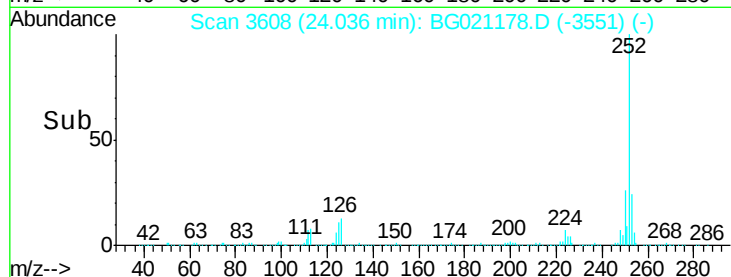
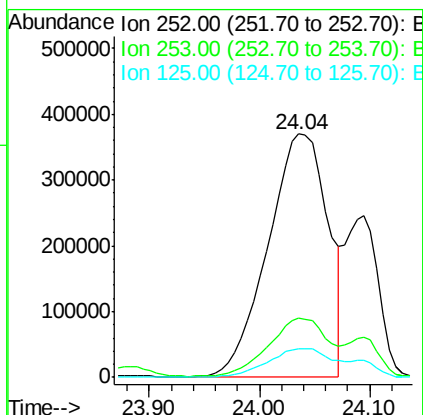
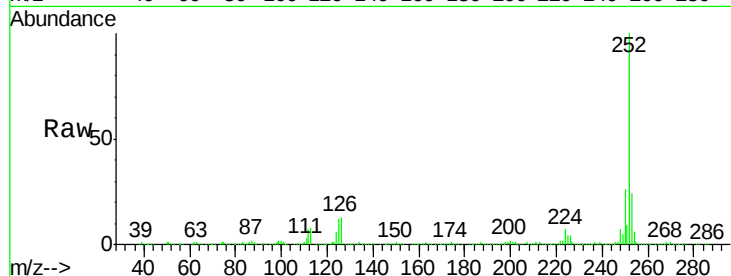




#87
Benzo(b)fluoranthene
Concen: 289.89 ng
RT: 24.04 min Scan# 3608
Delta R.T. 0.04 min
Lab File: BG021178.D
Acq: 1 Mar 2016 8:08

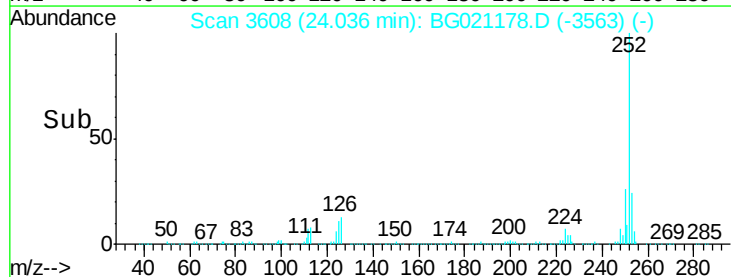
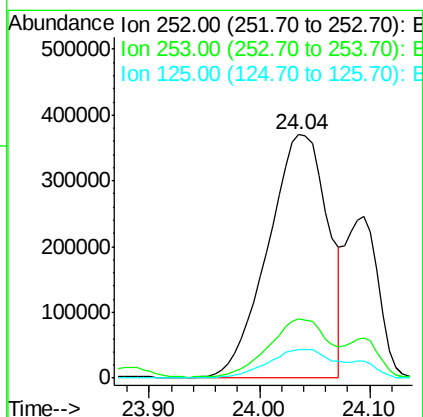
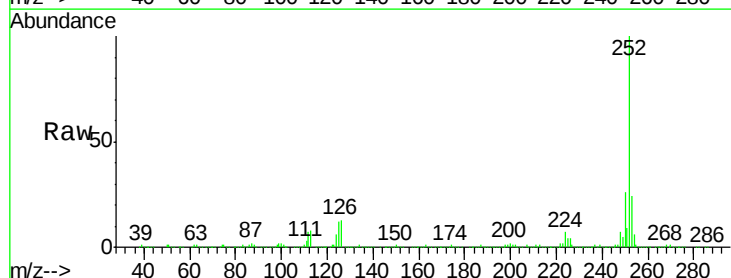
Instrument :
BNA_G
ClientSampleId :
40054+15(0-2)RE

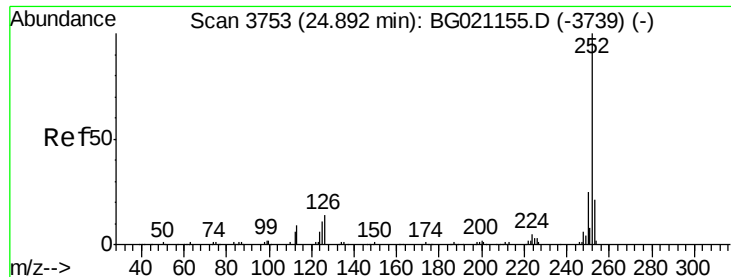
Tgt Ion:252 Resp: 1388262
Ion Ratio Lower Upper
252 100
253 24.2 16.8 25.2
125 11.5 8.2 12.2



#88
Benzo(k)fluoranthene
Concen: 289.45 ng
RT: 24.04 min Scan# 3608
Delta R.T. -0.03 min
Lab File: BG021178.D
Acq: 1 Mar 2016 8:08

Tgt Ion:252 Resp: 1388262
Ion Ratio Lower Upper
252 100
253 24.2 16.4 24.6
125 11.5 8.2 12.2

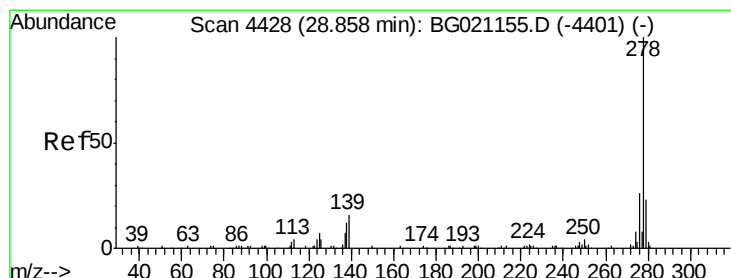
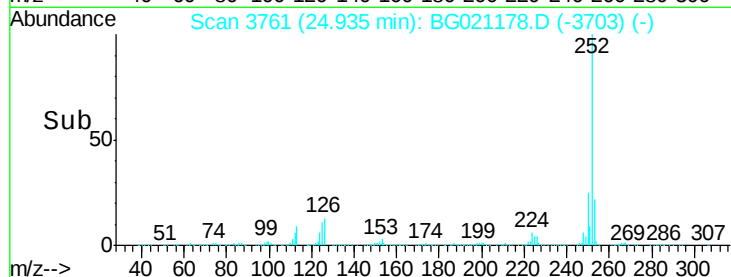
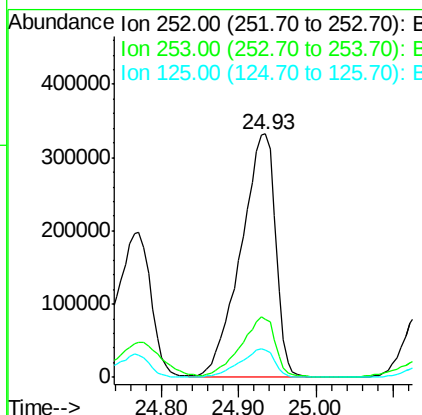
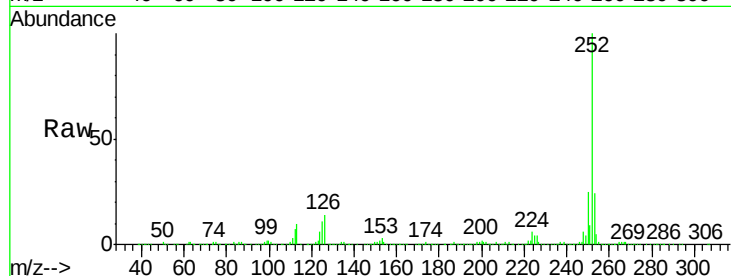




#89
Benzo(a)pyrene
Concen: 225.71 ng
RT: 24.93 min Scan# 3761
Delta R.T. 0.04 min
Lab File: BG021178.D
Acq: 1 Mar 2016 8:08

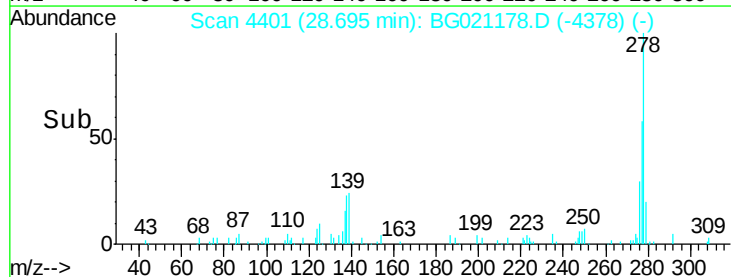
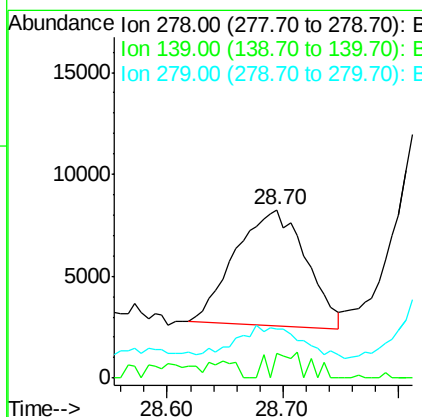
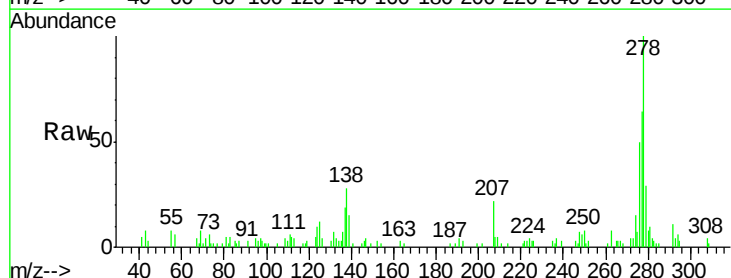
Instrument :
BNA_G
ClientSampleId :
40054+15(0-2)RE

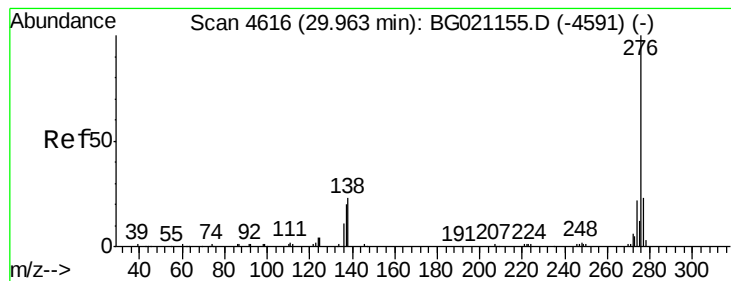
Tgt Ion:252 Resp: 1045107
Ion Ratio Lower Upper
252 100
253 24.0 15.8 23.8#
125 11.4 8.4 12.6



#90
Dibenzo(a,h)anthracene
Concen: 5.31 ng
RT: 28.70 min Scan# 4401
Delta R.T. -0.16 min
Lab File: BG021178.D
Acq: 1 Mar 2016 8:08

Tgt Ion:278 Resp: 24328
Ion Ratio Lower Upper
278 100
139 14.5 10.6 15.8
279 28.8 19.7 29.5





#91

Benzo(g,h,i)perylene

Concen: 114.73 ng

RT: 30.02 min Scan# 4626

Delta R.T. 0.05 min

Lab File: BG021178.D

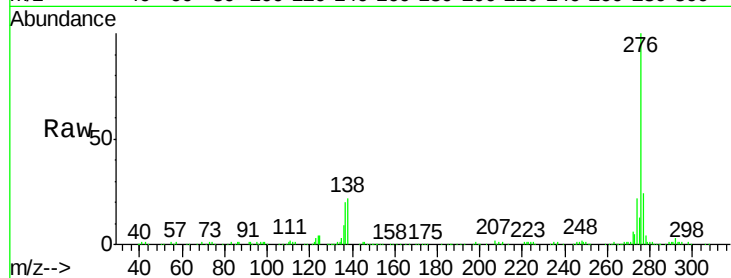
Acq: 1 Mar 2016 8:08

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)RE



Tgt Ion: 276 Resp: 507689

Ion Ratio Lower Upper

276 100

277 24.2 16.6 25.0

138 21.5 14.6 21.8

