

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
 Data File : BG017635.D
 Acq On : 12 Jun 2015 8:43
 Operator : TP/IZ
 Sample : G2522-22DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14DL

Quant Time: Jun 12 11:14:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 18:39:50 2015
 Response via : Initial Calibration

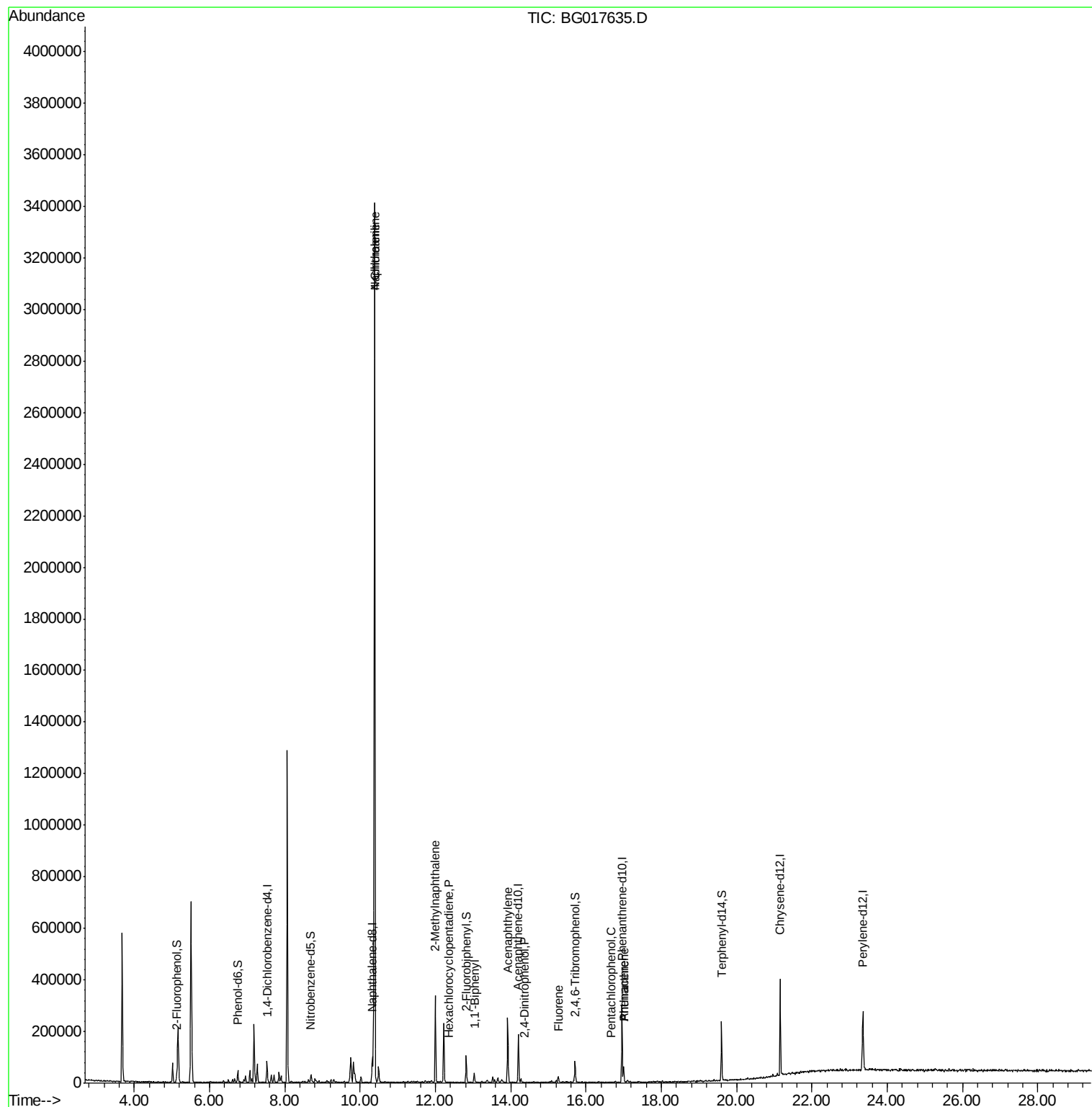
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	17459	20.00	ng	-0.08
21) Naphthalene-d8	10.33	136	68815	20.00	ng	-0.08
38) Acenaphthene-d10	14.20	164	52096	20.00	ng	-0.08
63) Phenanthrene-d10	16.96	188	149554	20.00	ng	-0.08
75) Chrysene-d12	21.16	240	173958	20.00	ng	-0.08
86) Perylene-d12	23.36	264	165661	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	7192	7.26	ng	-0.08
7) Phenol-d6	6.74	99	5163	3.82	ng	-0.08
23) Nitrobenzene-d5	8.70	82	16598	12.04	ng	-0.08
41) 2,4,6-Tribromophenol	15.71	330	11716	16.19	ng	-0.08
44) 2-Fluorobiphenyl	12.82	172	44323	12.83	ng	-0.08
78) Terphenyl-d14	19.60	244	93315	11.09	ng	-0.08
Target Compounds						
31) Naphthalene	10.38	128	2178241	605.86	ng	# 93
33) 4-Chloroaniline	10.38	127	339162	212.60	ng	# 37
37) 2-Methylnaphthalene	12.00	142	126868	45.91	ng	95
40) Hexachlorocyclopentadiene	12.36	237	59	6.87	ng	# 27
45) 1,1'-Biphenyl	13.03	154	15613	4.10	ng	91
48) Acenaphthylene	13.92	152	143023	25.50	ng	99
53) 2,4-Dinitrophenol	14.35	184	54	7.10	ng	# 13
57) Fluorene	15.26	166	10415	2.35	ng	# 92
69) Pentachlorophenol	16.67	266	69	5.56	ng	# 22
70) Phenanthrene	17.00	178	31405	3.77	ng	97
71) Anthracene	17.00	178	31405	3.77	ng	99

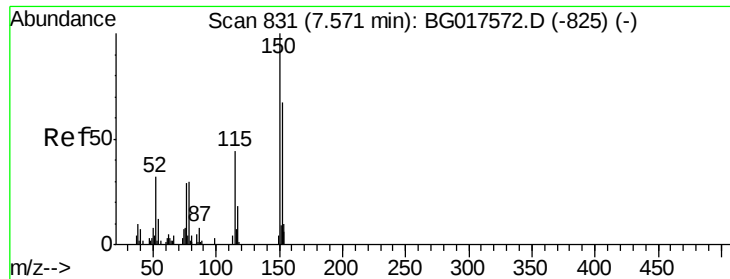
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
Data File : BG017635.D
Acq On : 12 Jun 2015 8:43
Operator : TP/IZ
Sample : G2522-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Quant Time: Jun 12 11:14:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 18:39:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.53 min Scan# 824

Delta R.T. -0.08 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

Instrument :

BNA_G

ClientSampleId :

MW-14DL

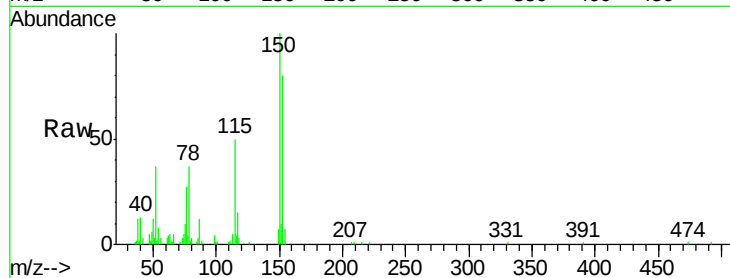
Tgt Ion:152 Resp: 17459

Ion Ratio Lower Upper

152 100

150 124.9 121.7 182.5

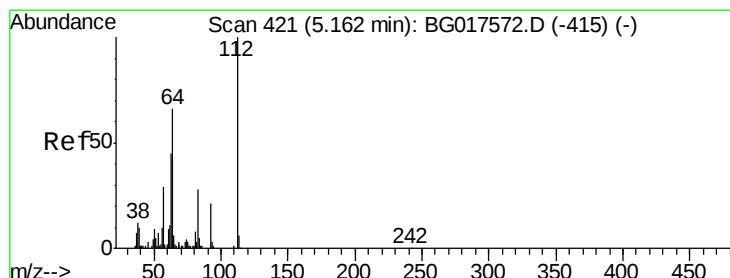
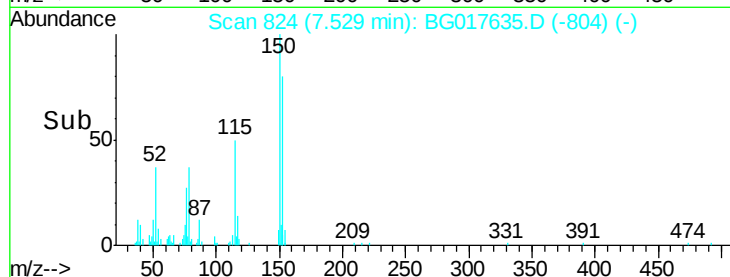
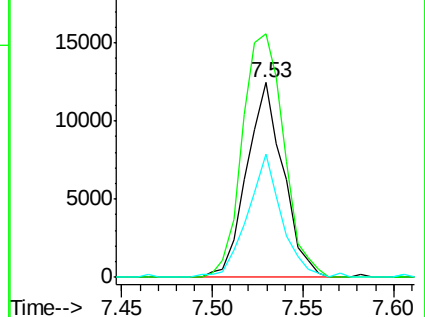
115 63.0 48.6 73.0



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: 7.26 ng

RT: 5.13 min Scan# 415

Delta R.T. -0.08 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

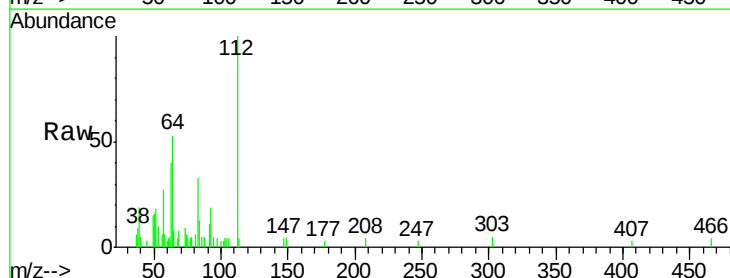
Tgt Ion:112 Resp: 7192

Ion Ratio Lower Upper

112 100

64 52.5 51.6 77.4

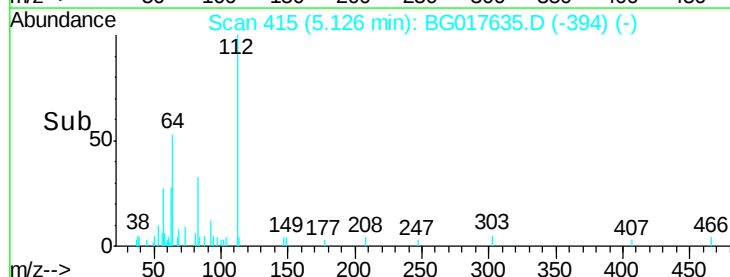
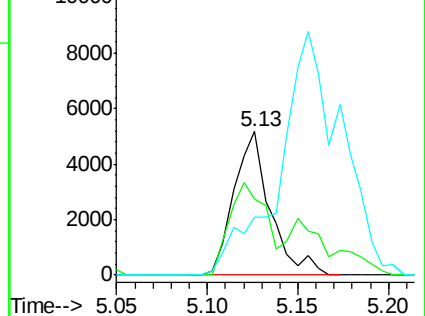
63 40.2 33.3 49.9

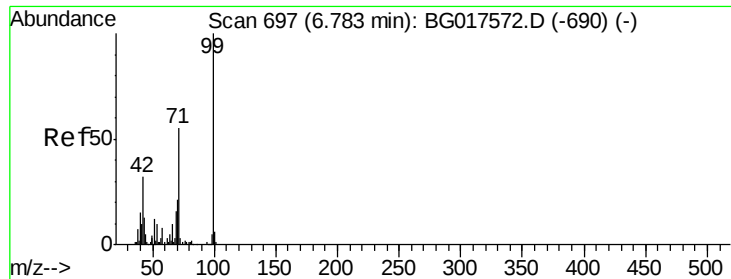


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 3.82 ng

RT: 6.74 min Scan# 690

Delta R.T. -0.08 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

Instrument :

BNA_G

ClientSampleId :

MW-14DL

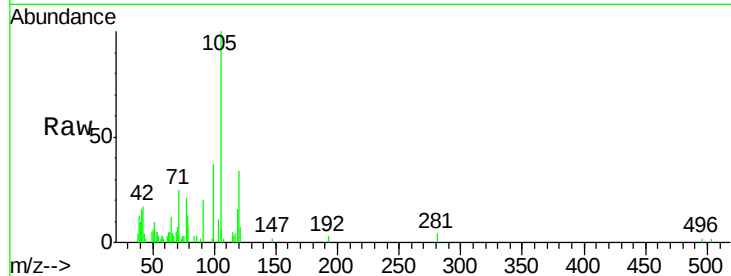
Tgt Ion: 99 Resp: 5163

Ion Ratio Lower Upper

99 100

42 46.1 21.0 31.6#

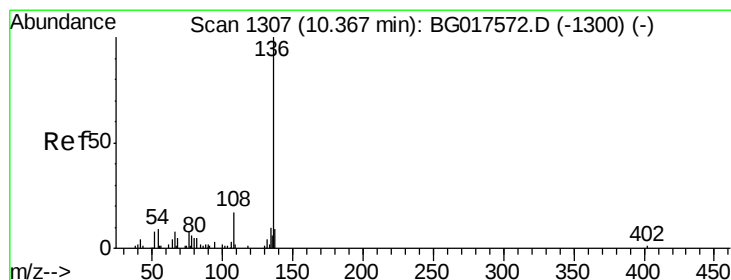
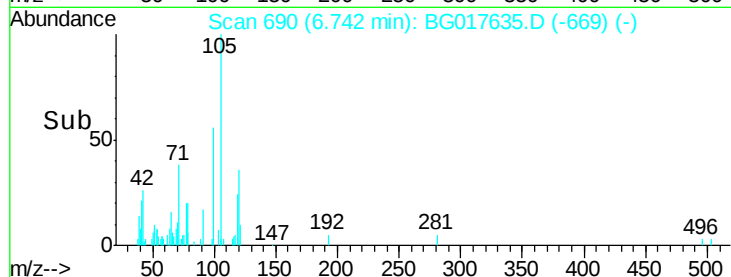
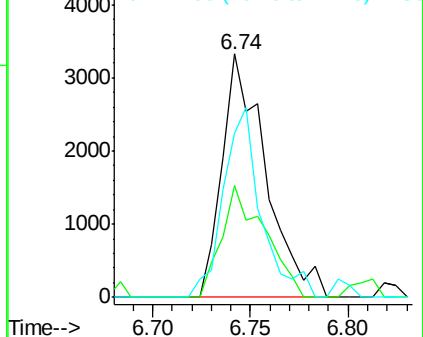
71 67.4 37.2 55.8#



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: 10.33 min Scan# 1300

Delta R.T. -0.08 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

Tgt Ion: 136 Resp: 68815

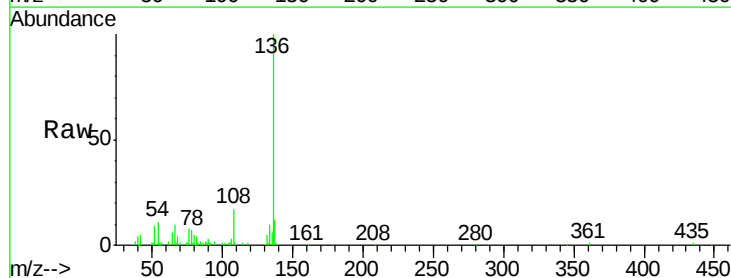
Ion Ratio Lower Upper

136 100

137 11.6 7.9 11.9

54 11.0 7.2 10.8#

68 4.2 4.5 6.7#

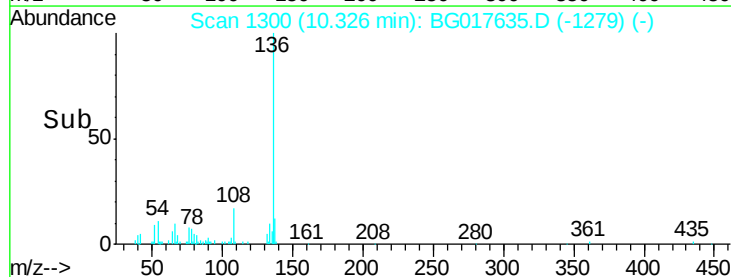
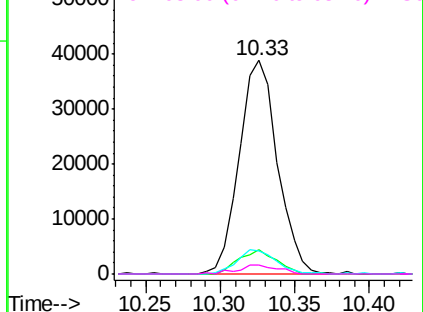


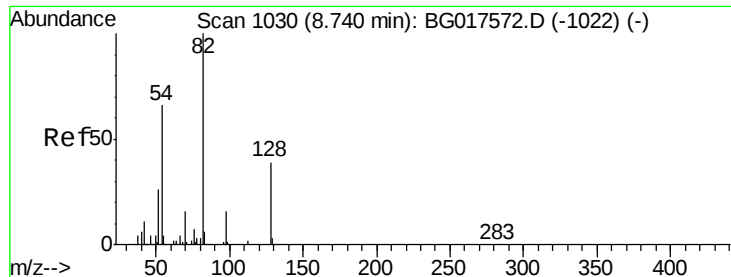
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

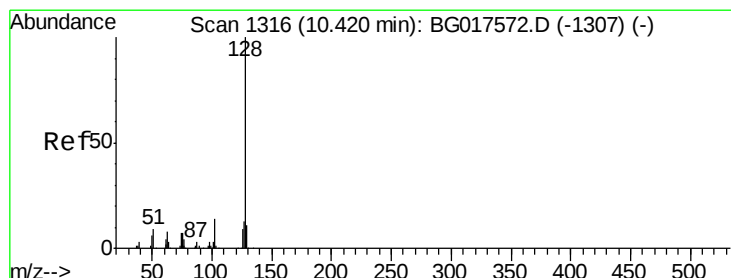
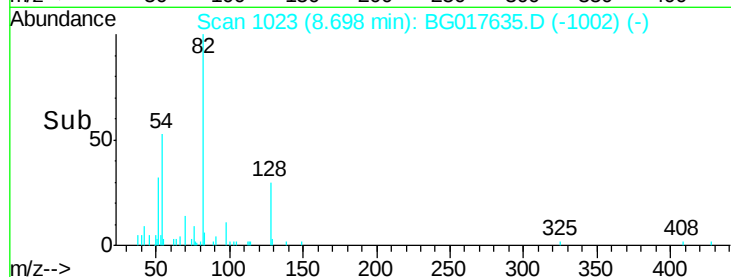
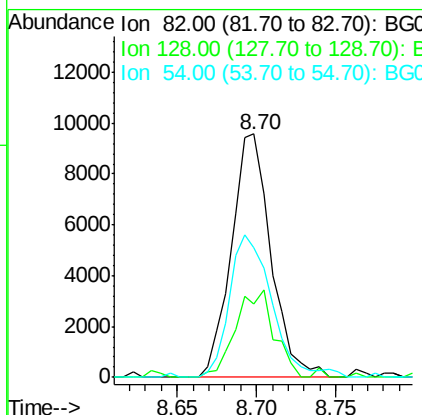
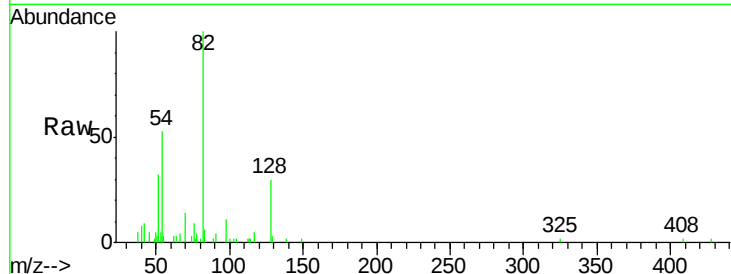




#23
Nitrobenzene-d5
Concen: 12.04 ng
RT: 8.70 min Scan# 1023
Delta R.T. -0.08 min
Lab File: BG017635.D
Acq: 12 Jun 2015 8:43

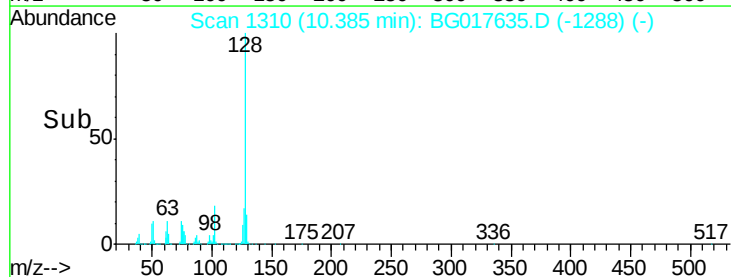
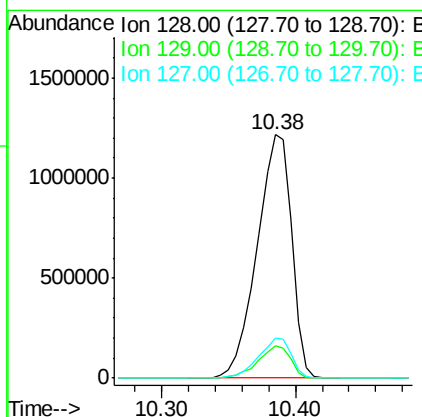
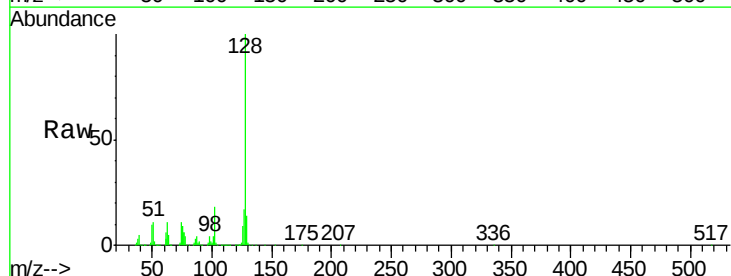
Instrument :
BNA_G
ClientSampleId :
MW-14DL

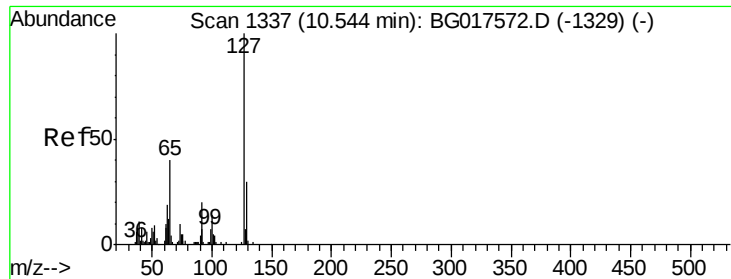
Tgt Ion: 82 Resp: 16598
Ion Ratio Lower Upper
82 100
128 30.1 32.2 48.4#
54 53.3 47.4 71.2



#31
Naphthalene
Concen: 605.86 ng
RT: 10.38 min Scan# 1310
Delta R.T. -0.07 min
Lab File: BG017635.D
Acq: 12 Jun 2015 8:43

Tgt Ion: 128 Resp: 2178241
Ion Ratio Lower Upper
128 100
129 13.6 9.2 13.8
127 16.7 10.9 16.3#

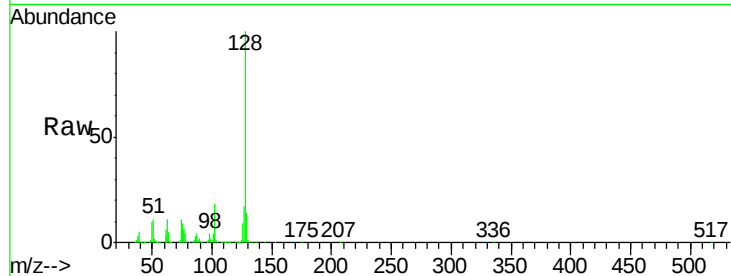




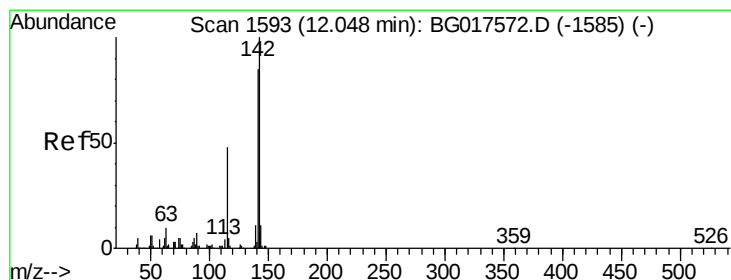
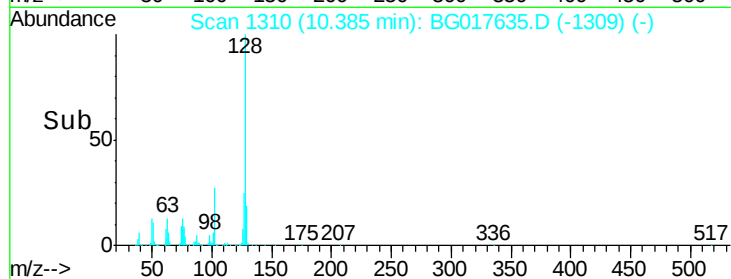
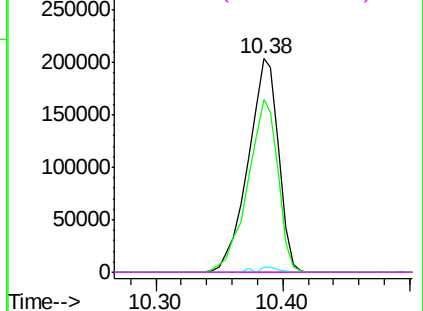
#33
 4-Chloroaniline
 Concen: 212.60 ng
 RT: 10.38 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BG017635.D
 Acq: 12 Jun 2015 8:43

Instrument :
 BNA_G
 ClientSampleId :
 MW-14DL

Tgt Ion:	127	Resp:	339162
Ion	Ratio	Lower	Upper
127	100		
129	81.1	27.1	40.7#
65	2.2	27.6	41.4#
92	0.0	16.7	25.1#

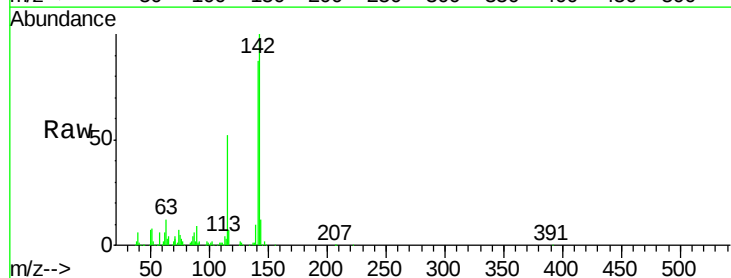


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

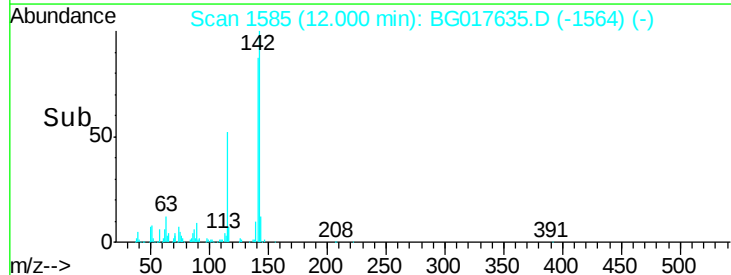
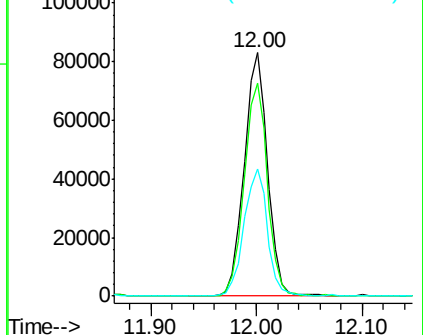


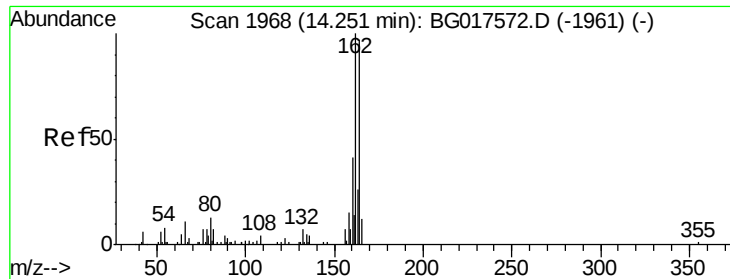
#37
 2-Methylnaphthalene
 Concen: 45.91 ng
 RT: 12.00 min Scan# 1585
 Delta R.T. -0.08 min
 Lab File: BG017635.D
 Acq: 12 Jun 2015 8:43

Tgt Ion:	142	Resp:	126868
Ion	Ratio	Lower	Upper
142	100		
141	87.2	68.6	102.8
115	52.3	35.3	52.9



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: 14.20 min Scan# 1960

Delta R.T. -0.08 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

Instrument :

BNA_G

ClientSampleId :

MW-14DL

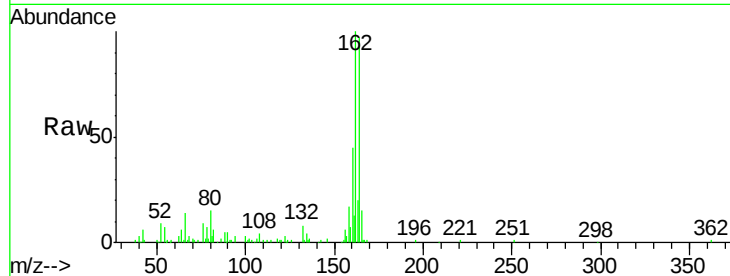
Tgt Ion:164 Resp: 52096

Ion Ratio Lower Upper

164 100

162 103.3 81.8 122.6

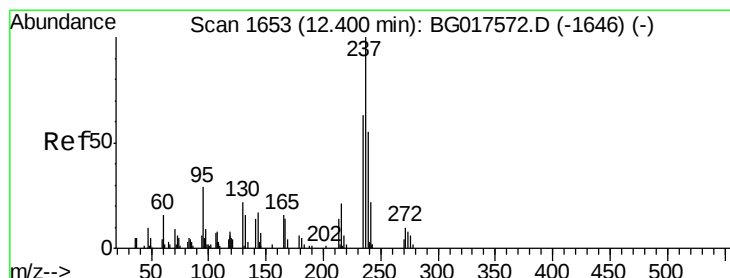
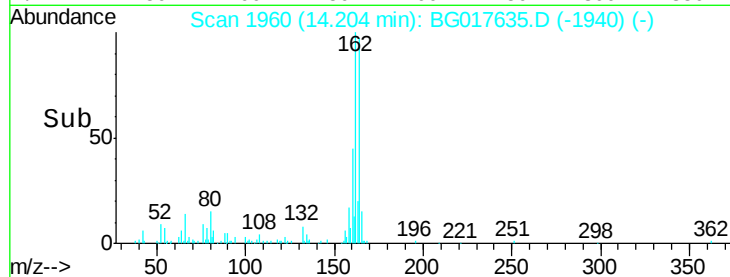
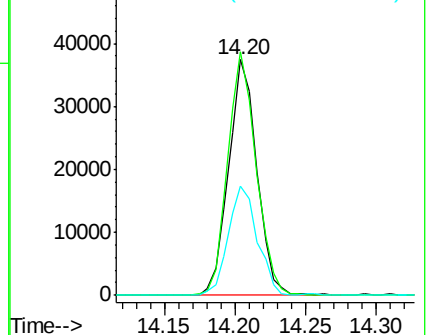
160 46.3 31.0 46.4



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



#40

Hexachlorocyclopentadiene

Concen: 6.87 ng

RT: 12.36 min Scan# 1646

Delta R.T. -0.07 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

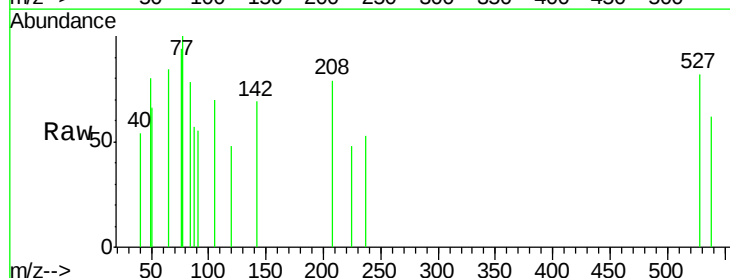
Tgt Ion:237 Resp: 59

Ion Ratio Lower Upper

237 100

235 0.0 42.3 82.3#

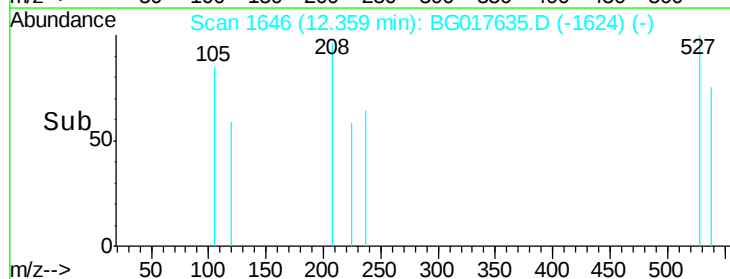
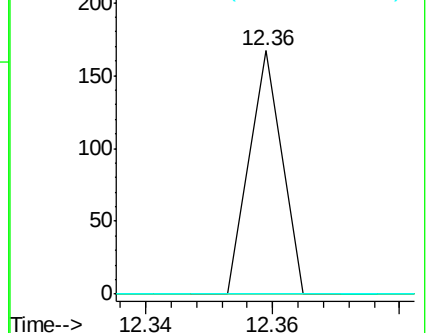
272 0.0 0.0 31.2

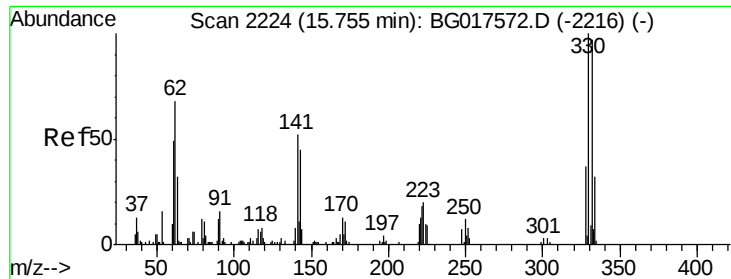


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

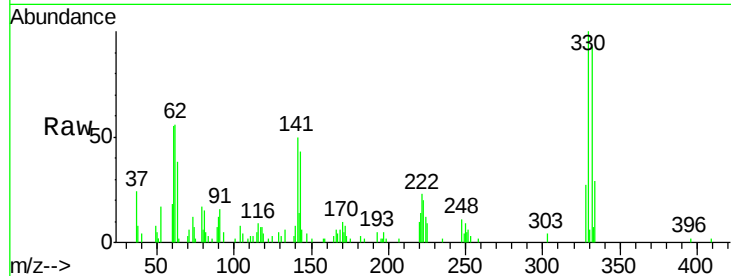




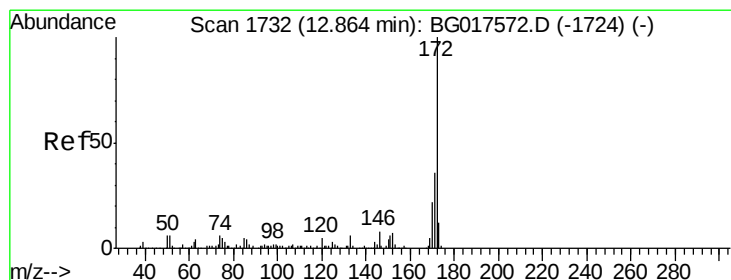
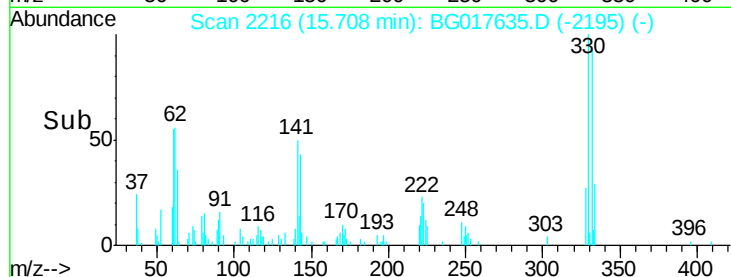
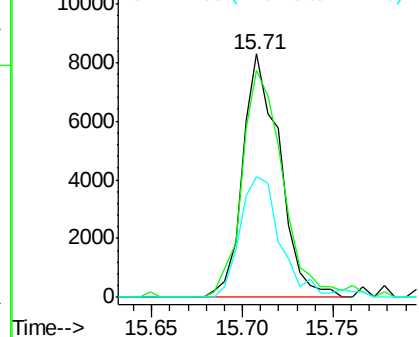
#41
2,4,6-Tribromophenol
Concen: 16.19 ng
RT: 15.71 min Scan# 2216
Delta R.T. -0.08 min
Lab File: BG017635.D
Acq: 12 Jun 2015 8:43

Instrument :
BNA_G
ClientSampled :
MW-14DL

Tgt Ion:330 Resp: 11716
Ion Ratio Lower Upper
330 100
332 105.0 75.9 113.9
141 54.1 40.2 60.4

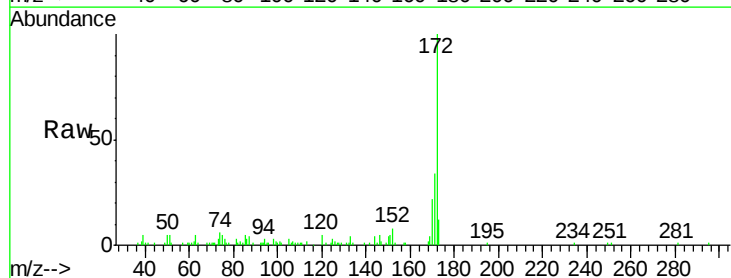


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

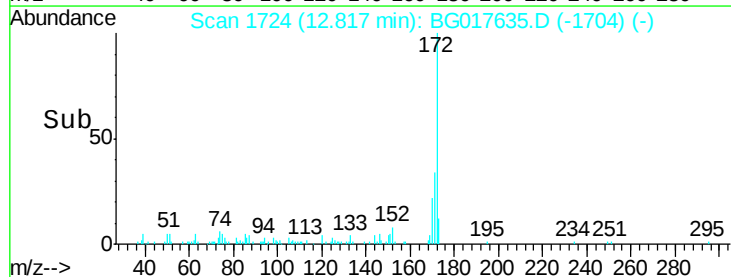
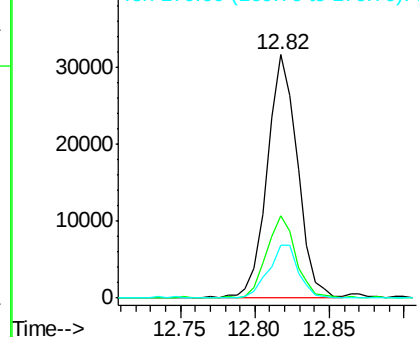


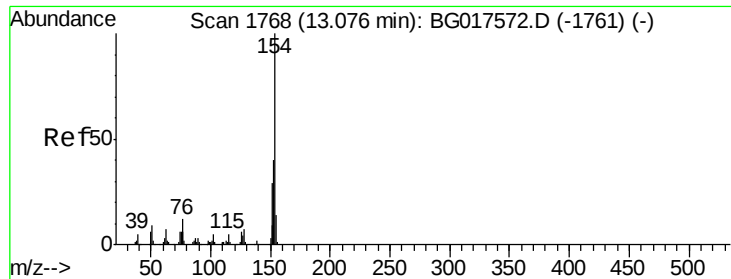
#44
2-Fluorobiphenyl
Concen: 12.83 ng
RT: 12.82 min Scan# 1724
Delta R.T. -0.08 min
Lab File: BG017635.D
Acq: 12 Jun 2015 8:43

Tgt Ion:172 Resp: 44323
Ion Ratio Lower Upper
172 100
171 33.7 29.0 43.6
170 21.8 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

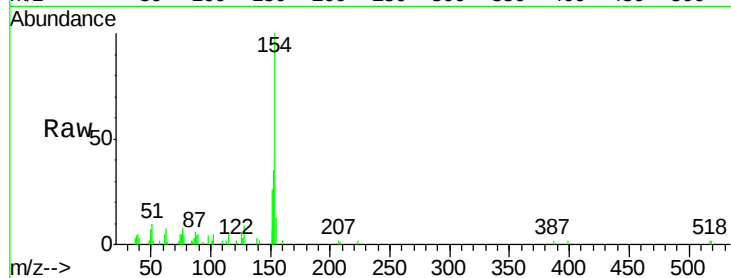




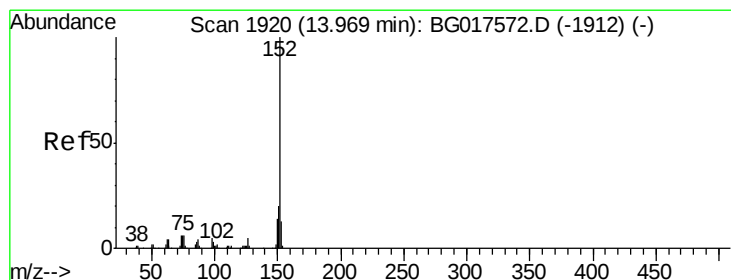
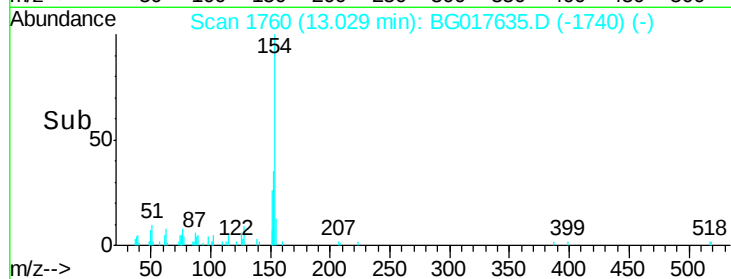
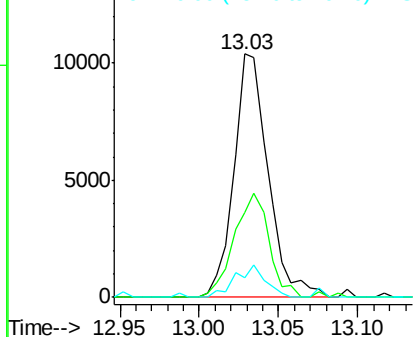
#45
1,1'-Biphenyl
Concen: 4.10 ng
RT: 13.03 min Scan# 1760
Delta R.T. -0.08 min
Lab File: BG017635.D
Acq: 12 Jun 2015 8:43

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Tgt Ion:154 Resp: 15613
Ion Ratio Lower Upper
154 100
153 34.9 20.1 60.1
76 7.9 0.0 31.5

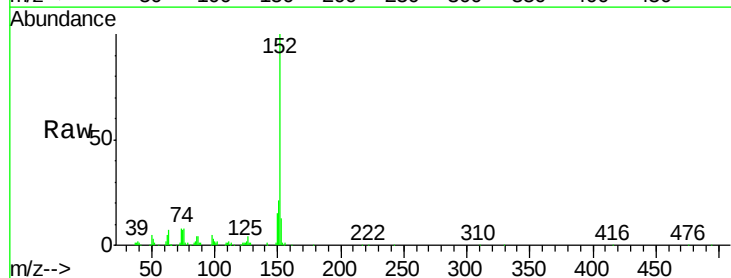


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

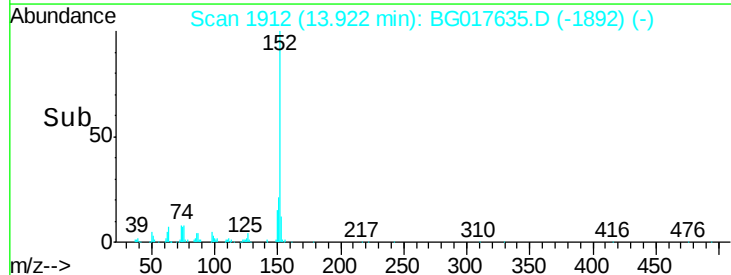
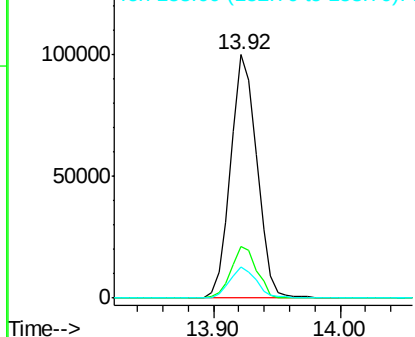


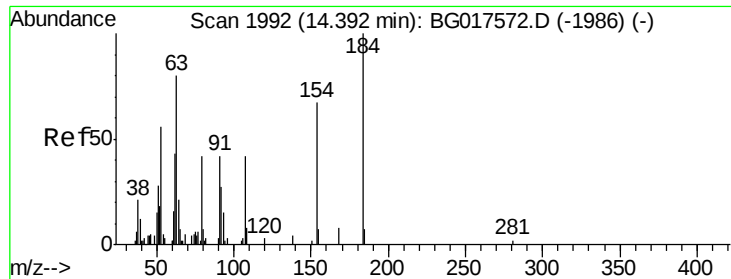
#48
Acenaphthylene
Concen: 25.50 ng
RT: 13.92 min Scan# 1912
Delta R.T. -0.08 min
Lab File: BG017635.D
Acq: 12 Jun 2015 8:43

Tgt Ion:152 Resp: 143023
Ion Ratio Lower Upper
152 100
151 21.0 16.5 24.7
153 12.6 10.7 16.1



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





#53

2,4-Dinitrophenol

Concen: 7.10 ng

RT: 14.35 min Scan# 1985

Delta R.T. -0.07 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

Instrument :

BNA_G

ClientSampleId :

MW-14DL

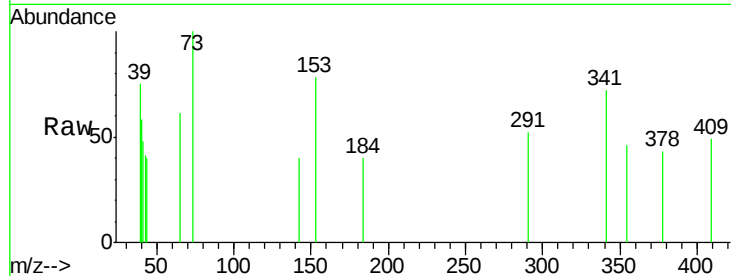
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 61.5 92.3#

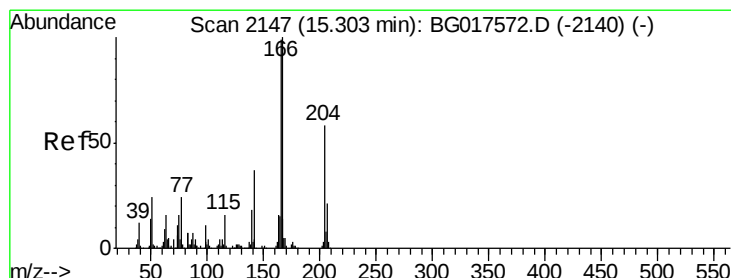
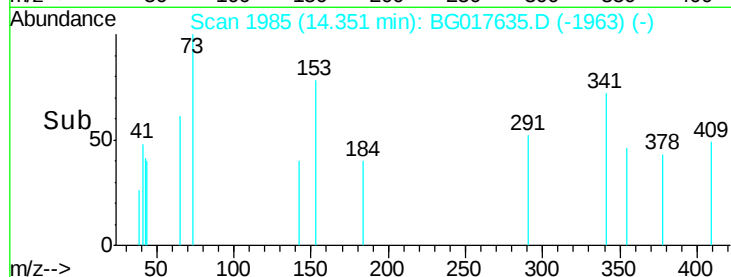
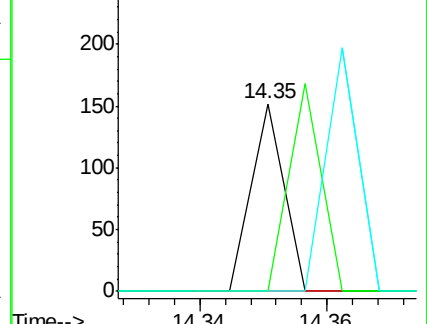
154 0.0 53.8 80.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#57

Fluorene

Concen: 2.35 ng

RT: 15.26 min Scan# 2140

Delta R.T. -0.08 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

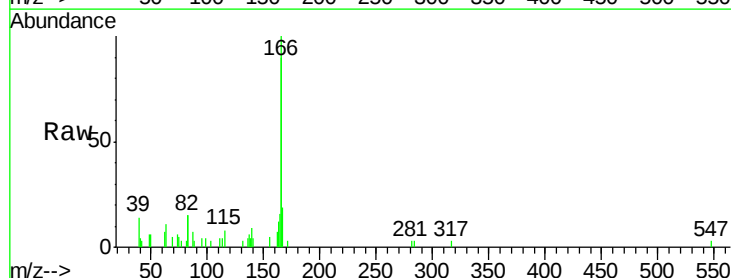
Tgt Ion:166 Resp: 10415

Ion Ratio Lower Upper

166 100

165 89.8 76.8 115.2

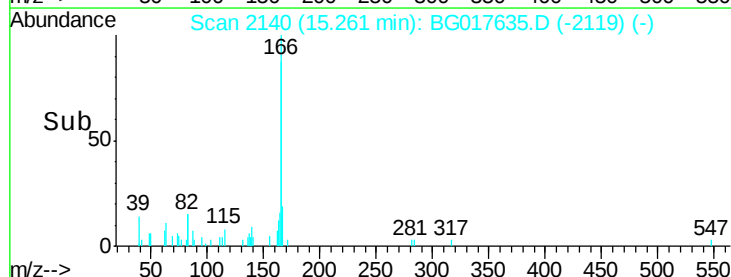
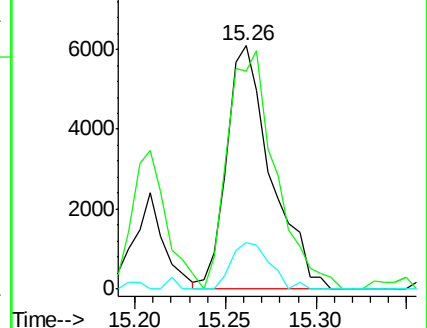
167 19.0 9.9 14.9#

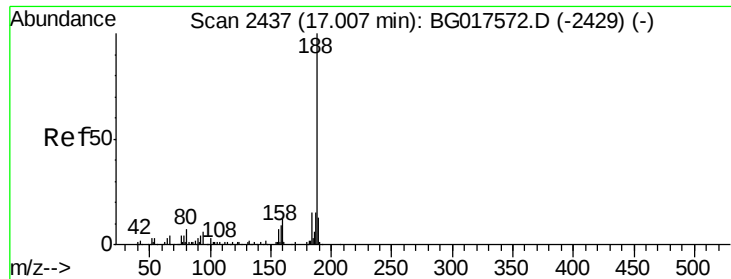


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.08 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

Instrument :

BNA_G

ClientSampleId :

MW-14DL

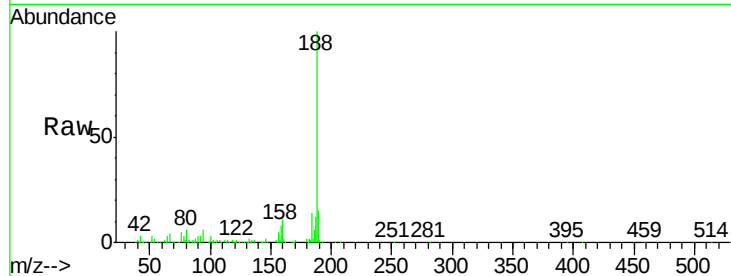
Tgt Ion:188 Resp: 149554

Ion Ratio Lower Upper

188 100

94 6.1 6.3 9.5#

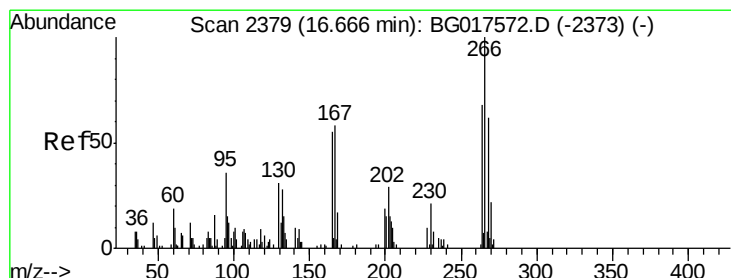
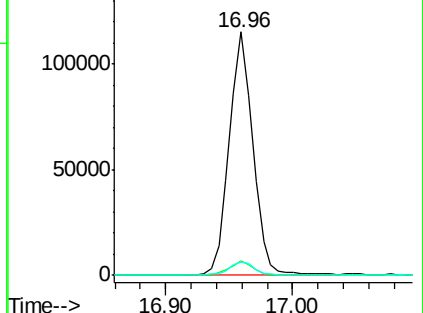
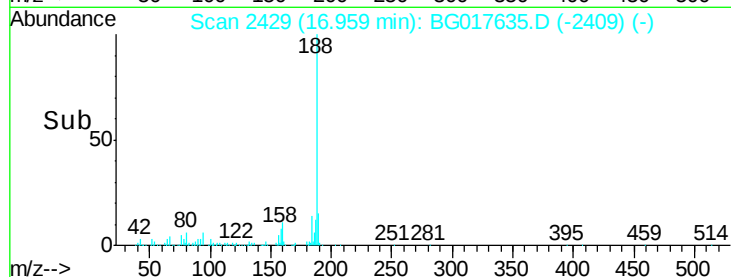
80 5.5 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#69

Pentachlorophenol

Concen: 5.56 ng

RT: 16.67 min Scan# 2379

Delta R.T. -0.04 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

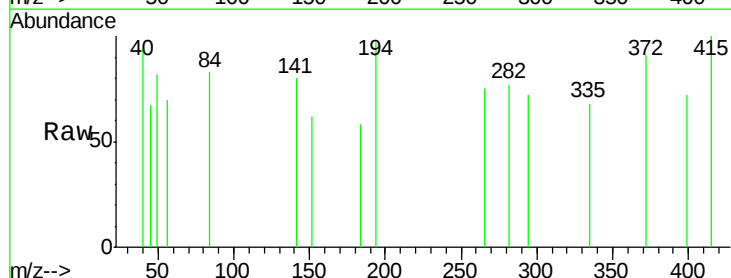
Tgt Ion:266 Resp: 69

Ion Ratio Lower Upper

266 100

268 0.0 47.0 70.6#

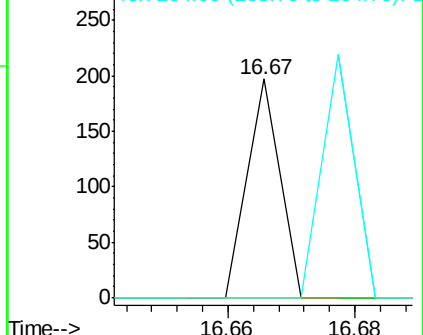
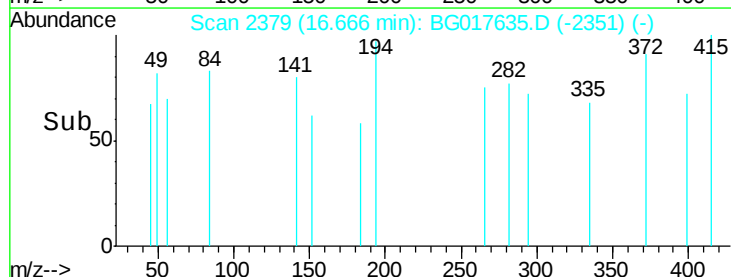
264 0.0 45.7 68.5#

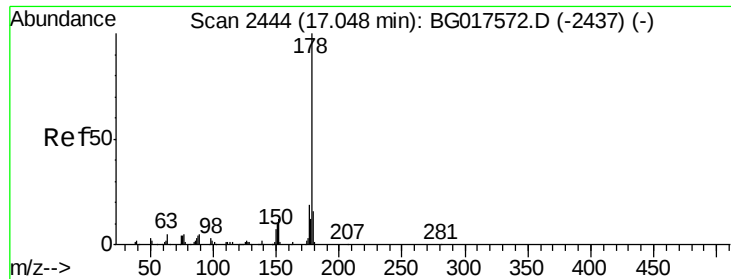


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 3.77 ng

RT: 17.00 min Scan# 2436

Delta R.T. -0.08 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

Instrument :

BNA_G

ClientSampleId :

MW-14DL

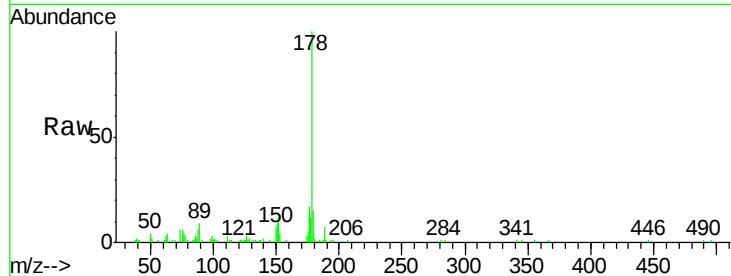
Tgt Ion:178 Resp: 31405

Ion Ratio Lower Upper

178 100

176 17.3 15.6 23.4

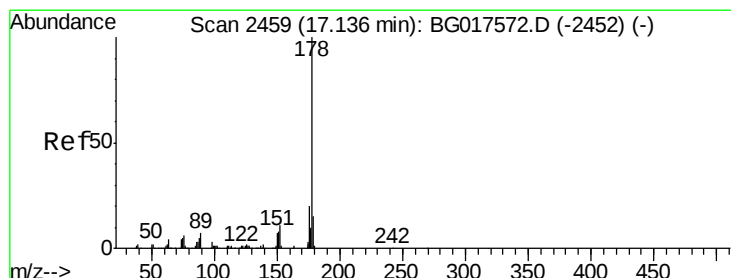
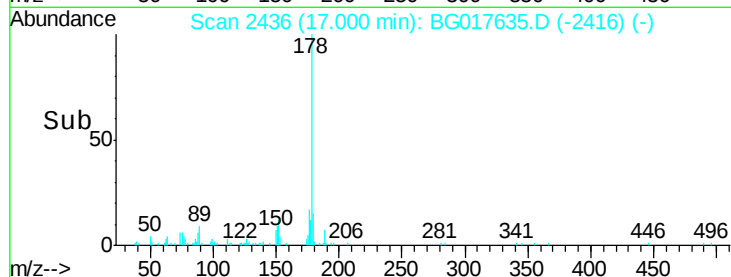
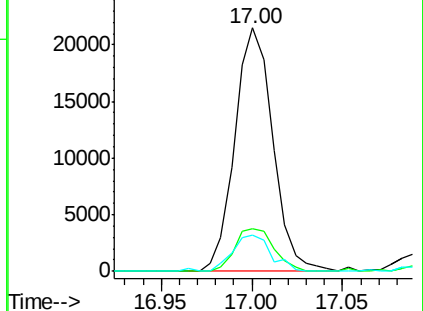
179 14.8 12.2 18.2



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: 3.77 ng

RT: 17.00 min Scan# 2436

Delta R.T. -0.17 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

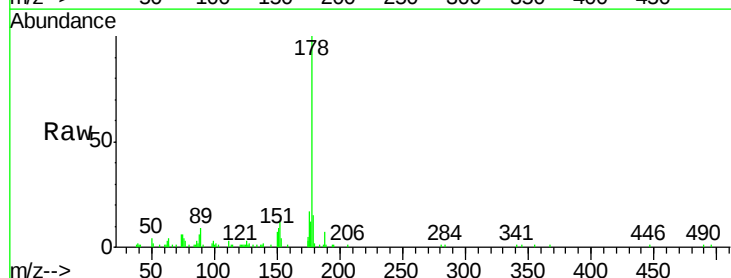
Tgt Ion:178 Resp: 31405

Ion Ratio Lower Upper

178 100

176 17.3 14.2 21.2

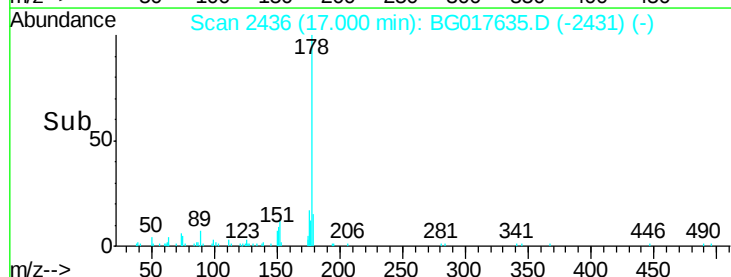
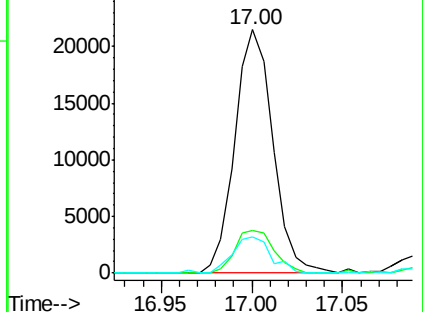
179 14.8 12.2 18.4

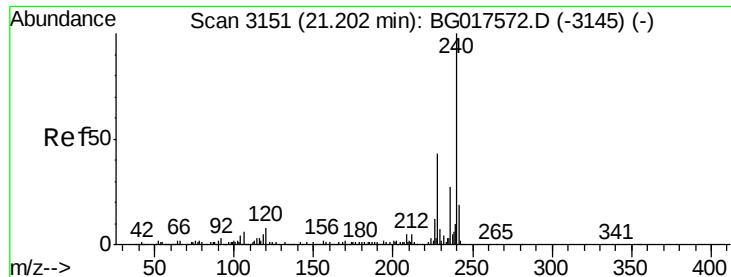


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.08 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

Instrument :

BNA_G

ClientSampleId :

MW-14DL

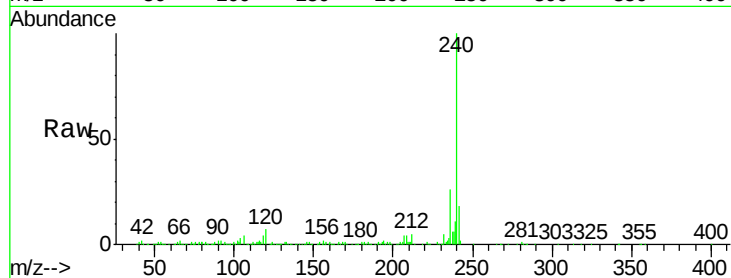
Tgt Ion:240 Resp: 173958

Ion Ratio Lower Upper

240 100

120 6.5 6.5 9.7

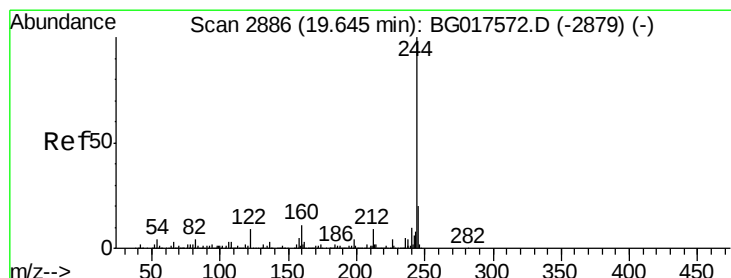
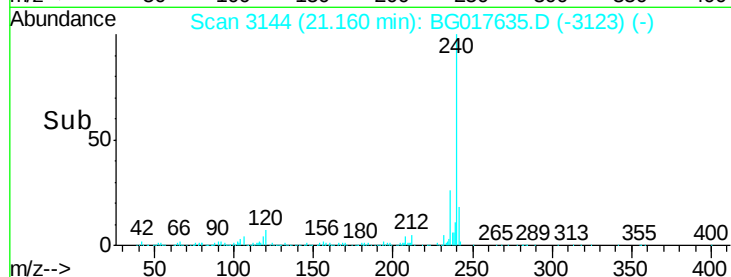
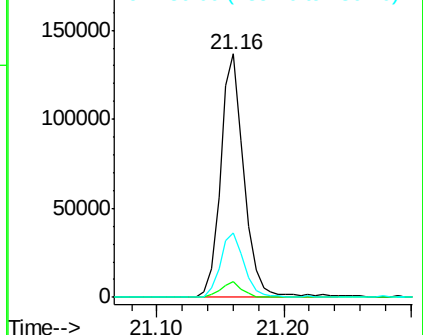
236 26.5 20.8 31.2



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



#78

Terphenyl-d14

Concen: 11.09 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.08 min

Lab File: BG017635.D

Acq: 12 Jun 2015 8:43

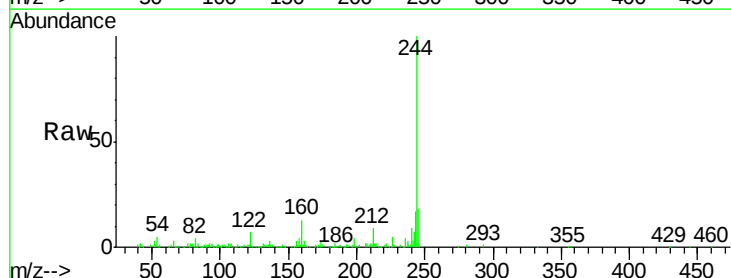
Tgt Ion:244 Resp: 93315

Ion Ratio Lower Upper

244 100

212 8.7 6.4 9.6

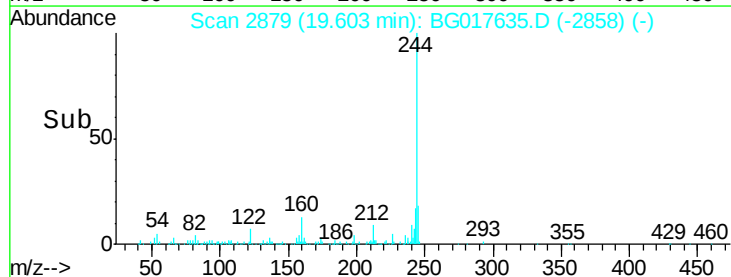
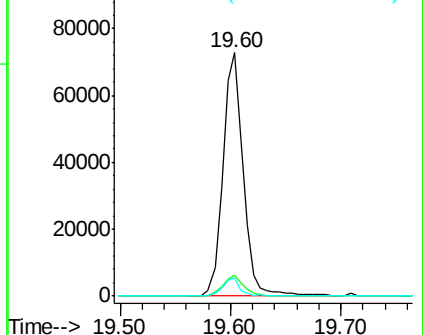
122 7.5 6.6 10.0

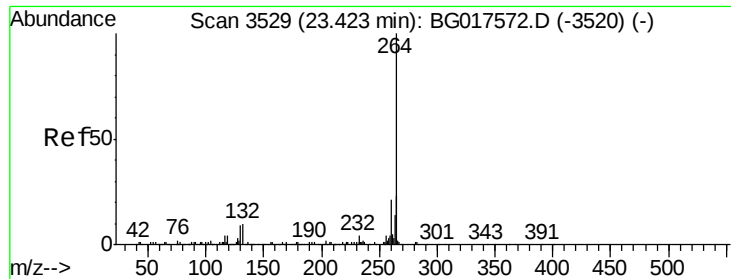


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. -0.12 min
Lab File: BG017635.D
Acq: 12 Jun 2015 8:43

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.2	27.4
265	22.2	15.8	23.6

