

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
 Data File : BG017620.D
 Acq On : 11 Jun 2015 21:38
 Operator : TP/IZ
 Sample : G2522-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14

Quant Time: Jun 12 06:37:46 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 01:16:03 2015
 Response via : Initial Calibration

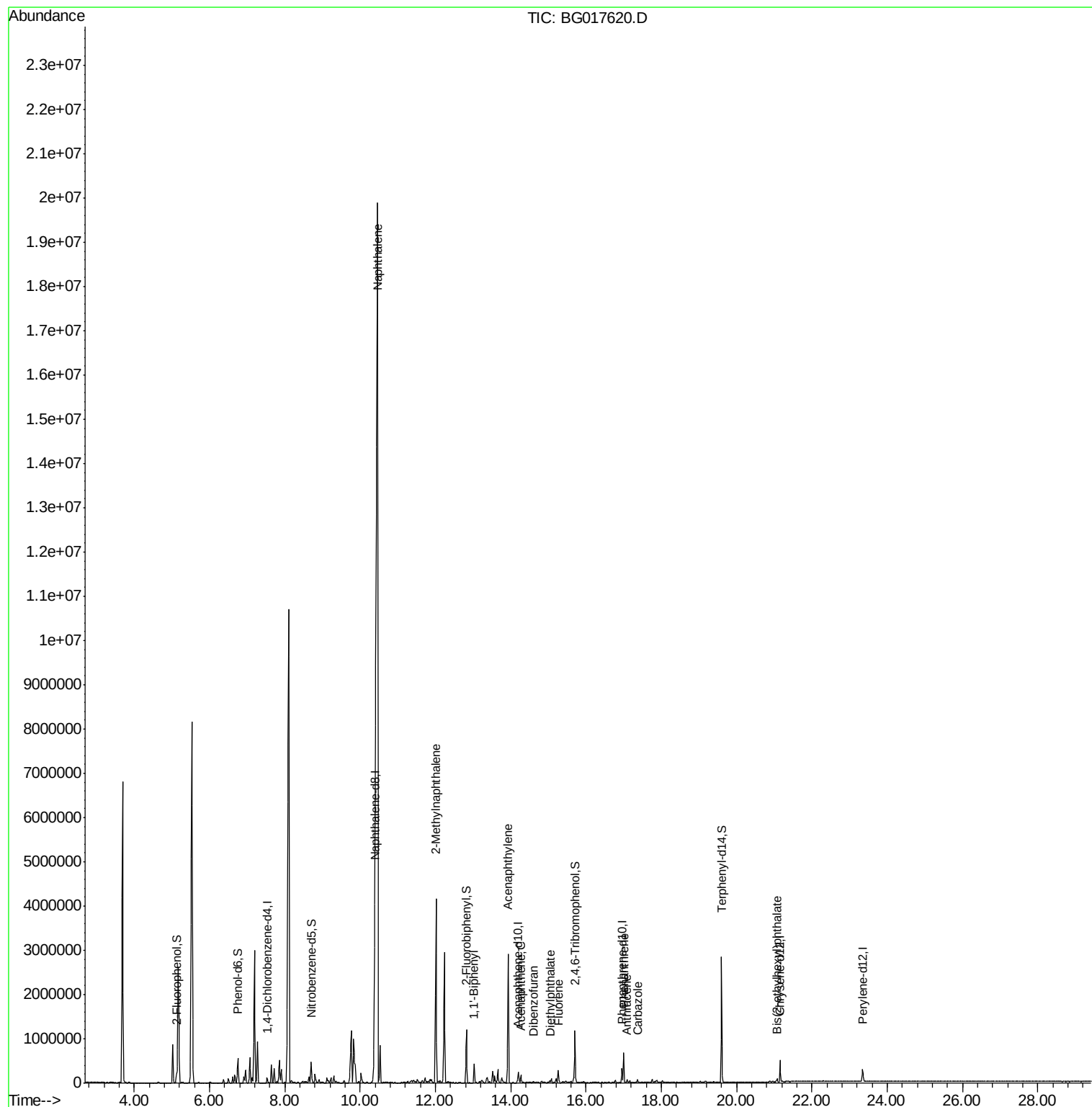
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	23291	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	113225m	20.00	ng	0.06
38) Acenaphthene-d10	14.21	164	68490	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	166101	20.00	ng	0.00
75) Chrysene-d12	21.16	240	215775	20.00	ng	-0.01
86) Perylene-d12	23.35	264	191207	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	96320	72.86	ng	0.01
7) Phenol-d6	6.74	99	73462	40.79	ng	0.00
23) Nitrobenzene-d5	8.70	82	218955	96.53	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	152694	160.51	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	527789	116.24	ng	0.00
78) Terphenyl-d14	19.60	244	1054021	100.96	ng	0.00
Target Compounds						
31) Naphthalene	10.47	128	14072909	2378.98	ng	# 1
37) 2-Methylnaphthalene	12.02	142	1647168	362.24	ng	# 92
45) 1,1'-Biphenyl	13.04	154	187374	37.43	ng	98
48) Acenaphthylene	13.94	152	1660055	225.15	ng	95
51) Acenaphthene	14.27	154	54078	12.44	ng	94
54) Dibenzofuran	14.61	168	14704	2.29	ng	98
57) Fluorene	15.26	166	121662	20.92	ng	# 93
59) Diethylphthalate	15.05	149	23553	3.64	ng	# 92
70) Phenanthrene	17.00	178	342014	36.93	ng	99
71) Anthracene	17.09	178	41737	4.51	ng	94
72) Carbazole	17.37	167	30459	3.33	ng	98
83) Bis(2-ethylhexyl)phthalate	21.08	149	19693	2.37	ng	# 93

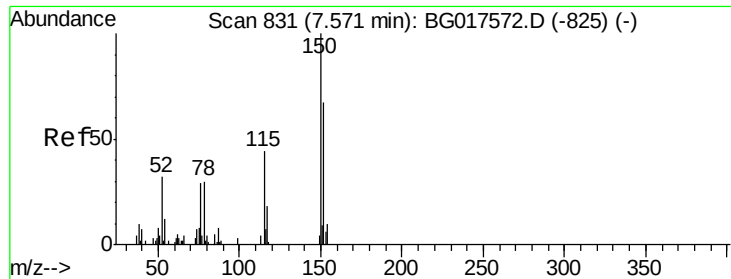
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
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Quant Time: Jun 12 06:37:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 01:16:03 2015
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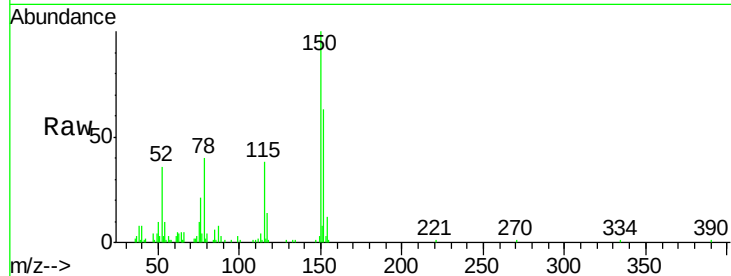


#1

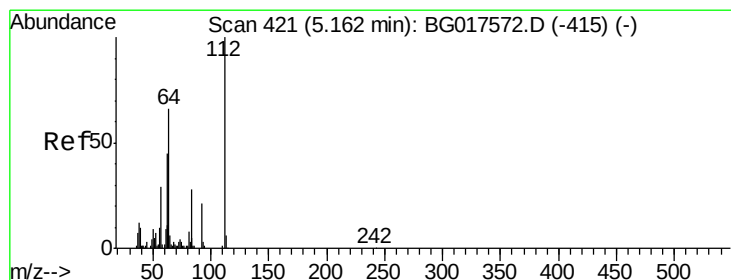
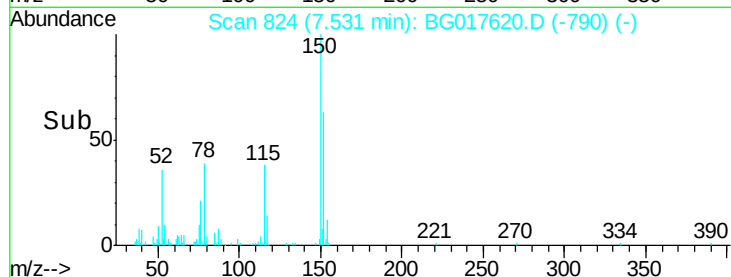
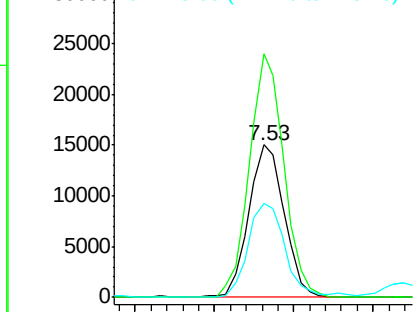
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:152 Resp: 23291
Ion Ratio Lower Upper
152 100
150 159.5 121.7 182.5
115 61.3 48.6 73.0



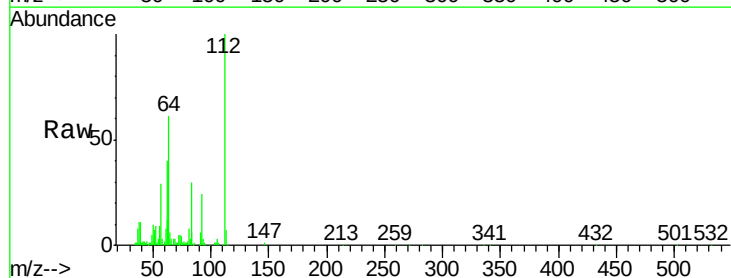
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



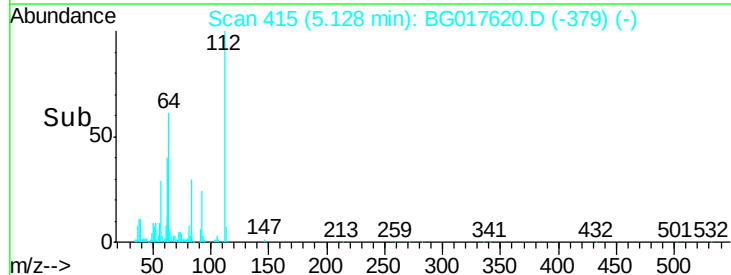
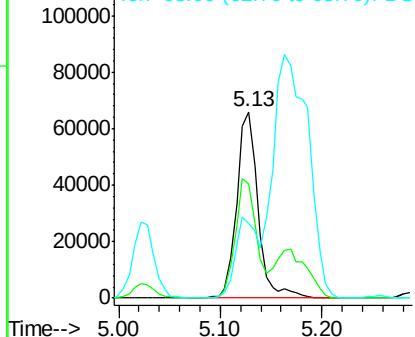
#5

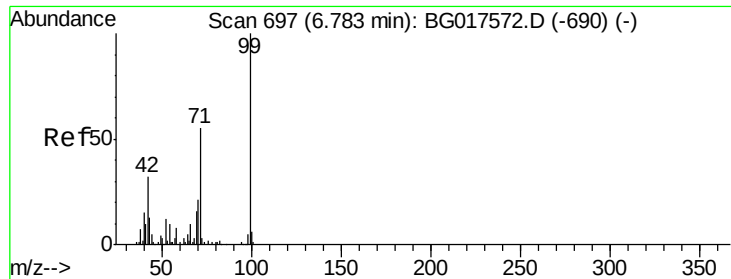
2-Fluorophenol
Concen: 72.86 ng
RT: 5.13 min Scan# 415
Delta R.T. 0.01 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion:112 Resp: 96320
Ion Ratio Lower Upper
112 100
64 61.0 51.6 77.4
63 40.0 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: 40.79 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

Instrument :

BNA_G

ClientSampleId :

MW-14

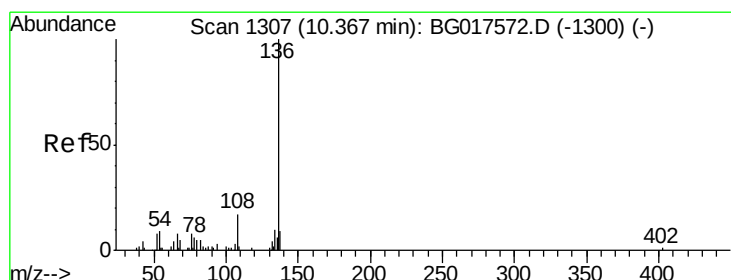
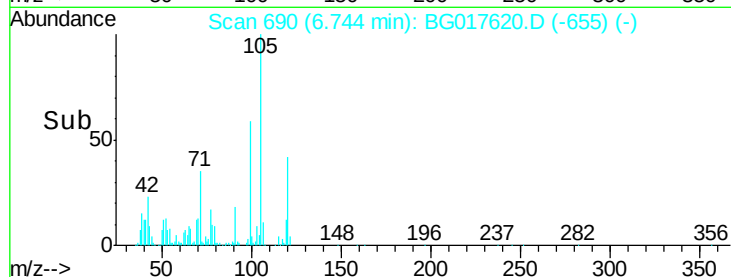
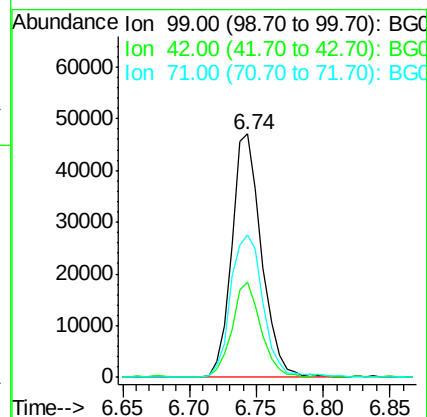
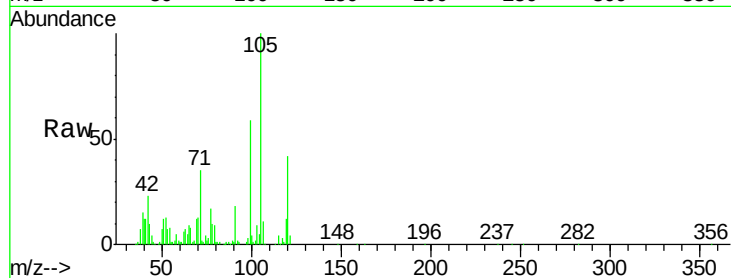
Tgt Ion: 99 Resp: 73462

Ion Ratio Lower Upper

99 100

42 39.1 21.0 31.6#

71 58.5 37.2 55.8#



#21

Naphthalene-d8

Concen: 20.00 ng m

RT: 10.38 min Scan# 1309

Delta R.T. 0.06 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

Tgt Ion: 136 Resp: 113225

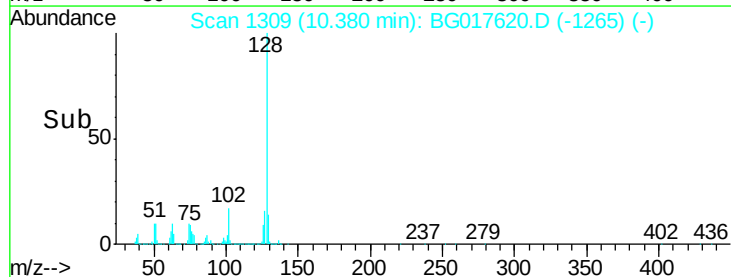
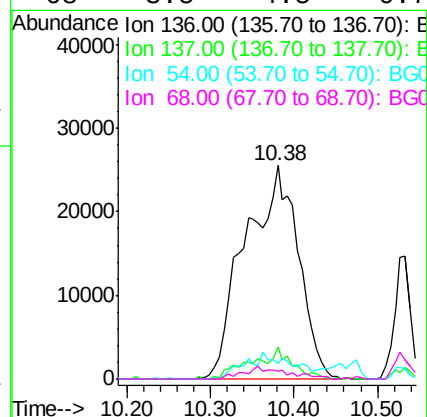
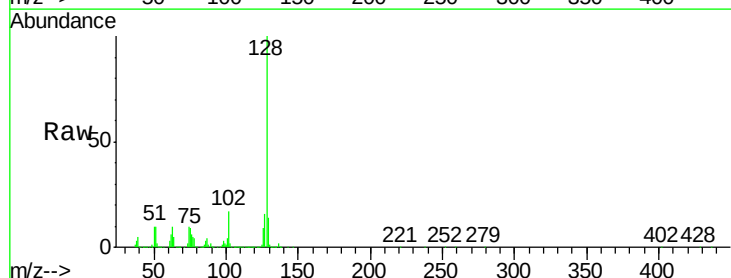
Ion Ratio Lower Upper

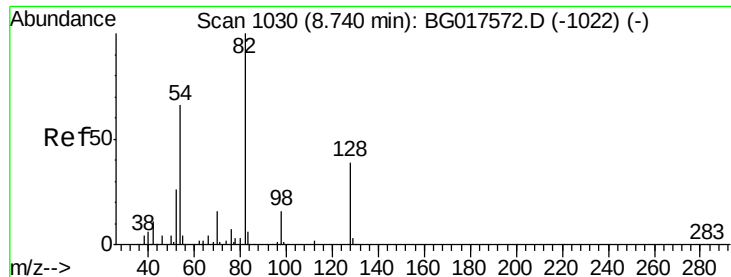
136 100

137 14.7 7.9 11.9#

54 7.4 7.2 10.8

68 3.5 4.5 6.7#

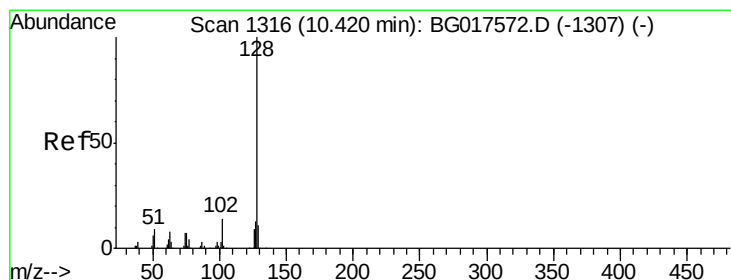
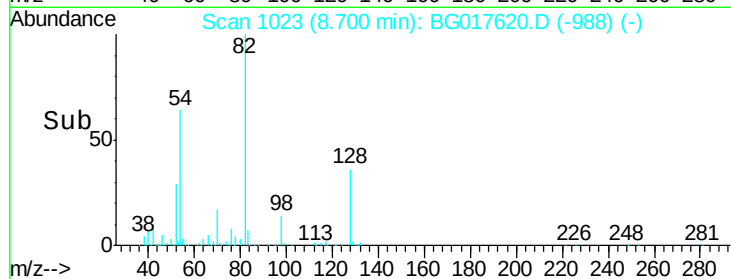
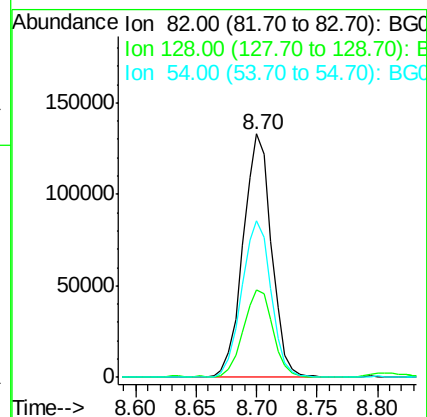
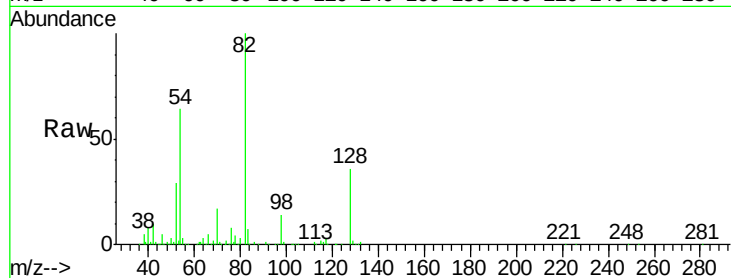




#23
Nitrobenzene-d5
Concen: 96.53 ng
RT: 8.70 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

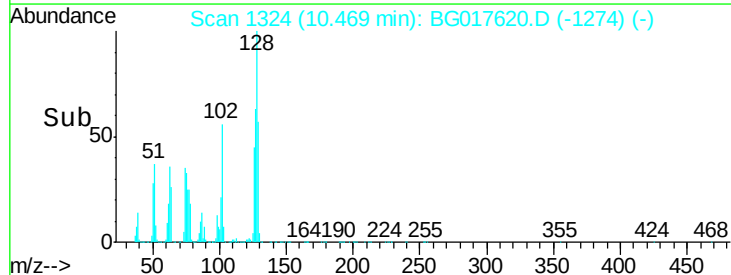
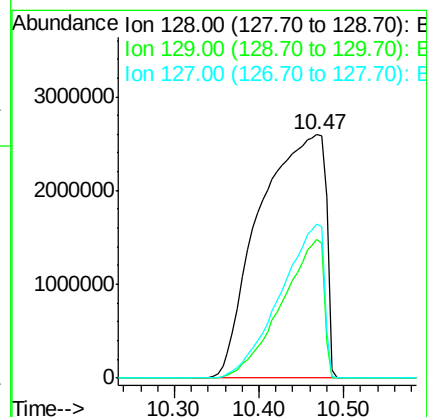
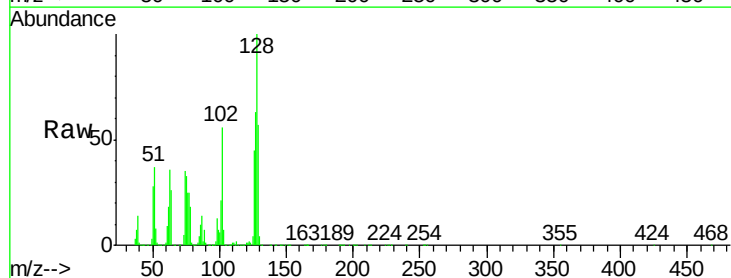
Instrument :
BNA_G
ClientSampleId :
MW-14

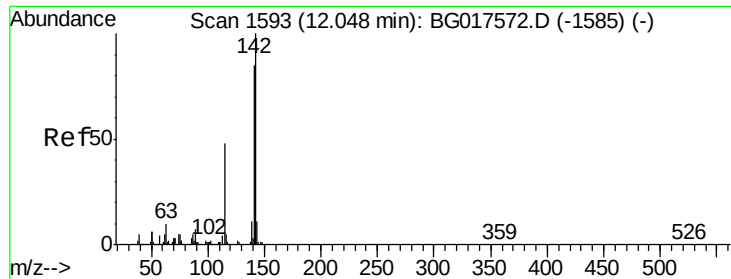
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.1	32.2	48.4
54	64.2	47.4	71.2



#31
Naphthalene
Concen: 2378.98 ng
RT: 10.47 min Scan# 1324
Delta R.T. 0.10 min
Lab File: BG017620.D
Acq: 11 Jun 2015 21:38

Tgt Ion	Ratio	Lower	Upper
128	100		
129	56.8	9.2	13.8#
127	63.5	10.9	16.3#





#37

2-Methylnaphthalene

Concen: 362.24 ng

RT: 12.02 min Scan# 1588

Delta R.T. 0.02 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

Instrument :

BNA_G

ClientSampleId :

MW-14

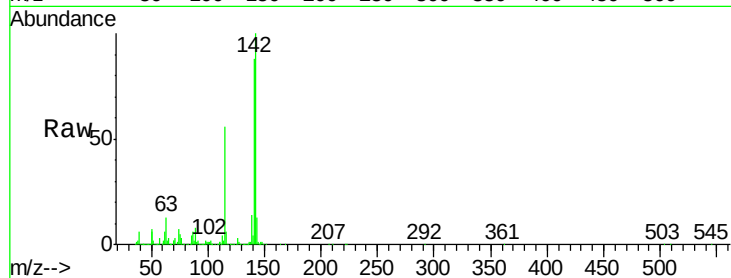
Tgt Ion:142 Resp: 1647168

Ion Ratio Lower Upper

142 100

141 88.4 68.6 102.8

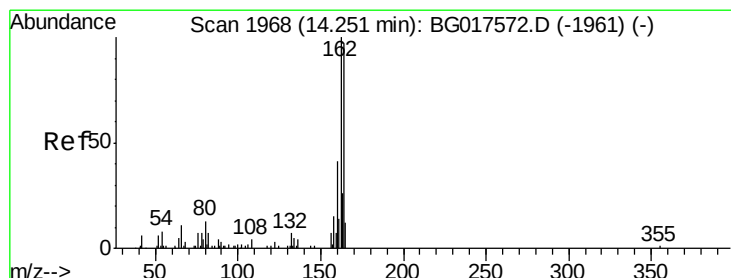
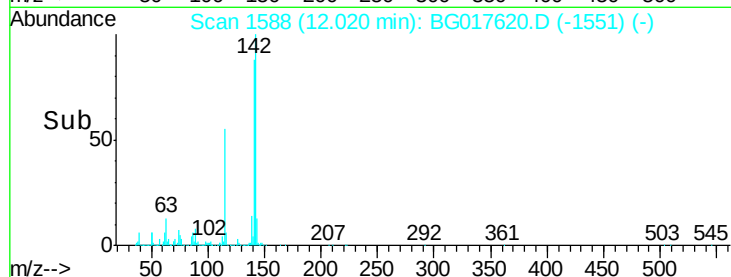
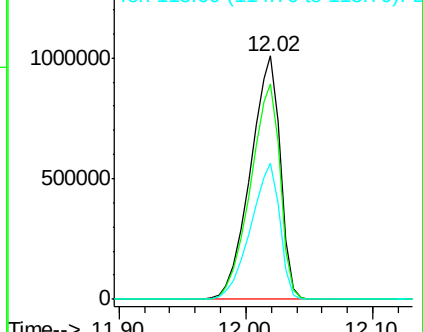
115 55.6 35.3 52.9#



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: 14.21 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

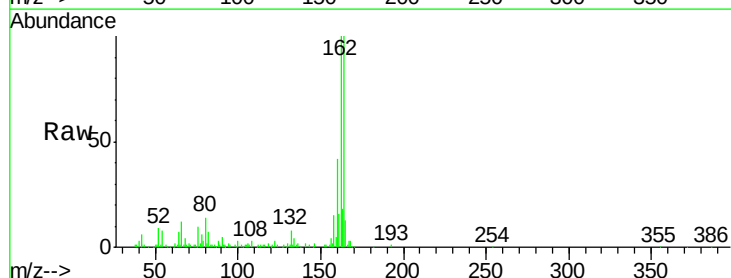
Tgt Ion:164 Resp: 68490

Ion Ratio Lower Upper

164 100

162 100.4 81.8 122.6

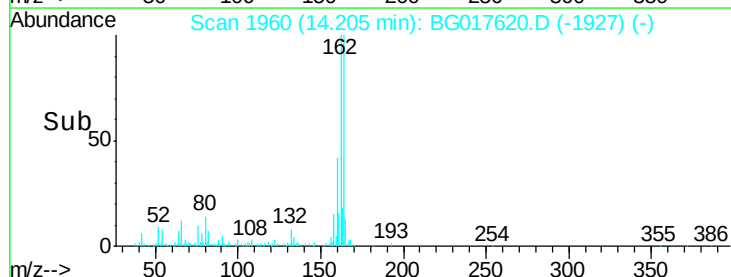
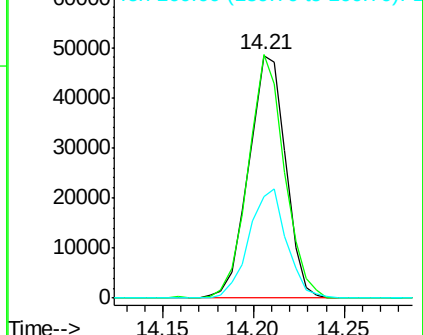
160 41.7 31.0 46.4

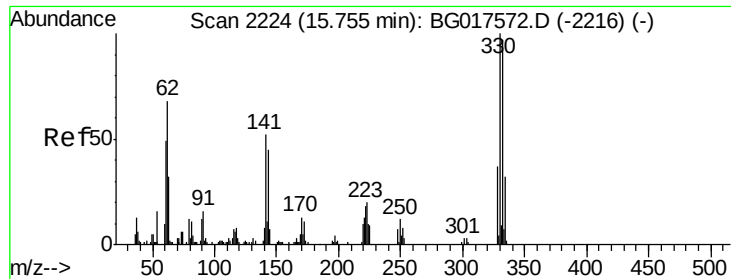


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

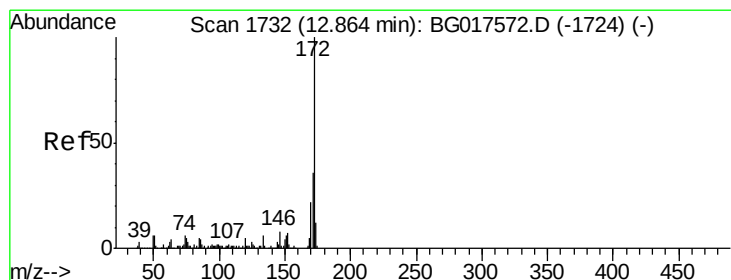
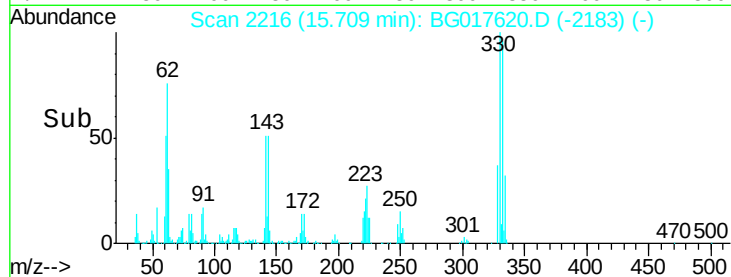
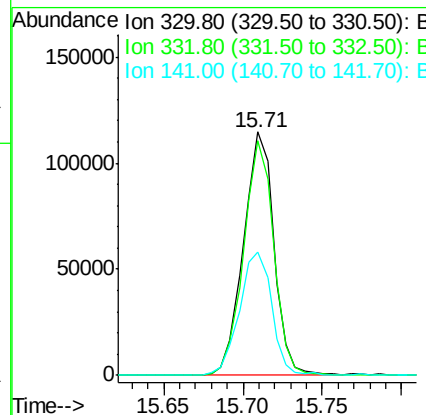
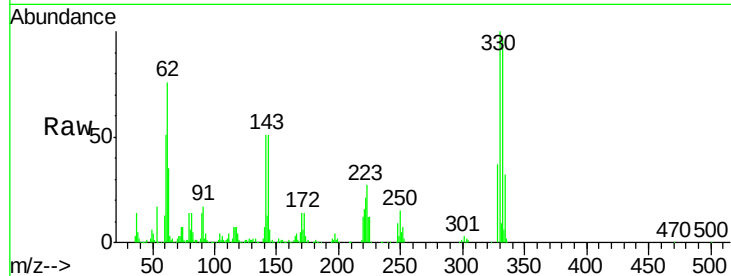




#41
 2,4,6-Tribromophenol
 Concen: 160.51 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017620.D
 Acq: 11 Jun 2015 21:38

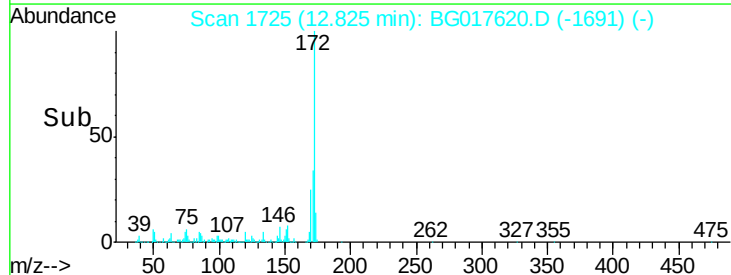
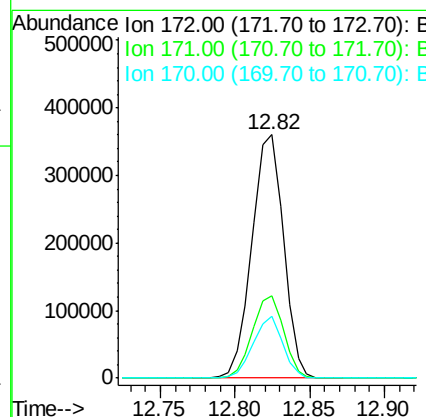
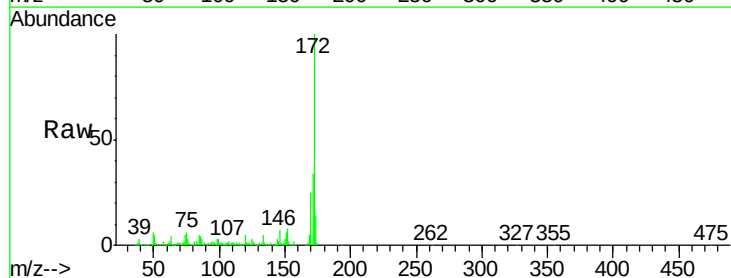
Instrument :
 BNA_G
 ClientSampled :
 MW-14

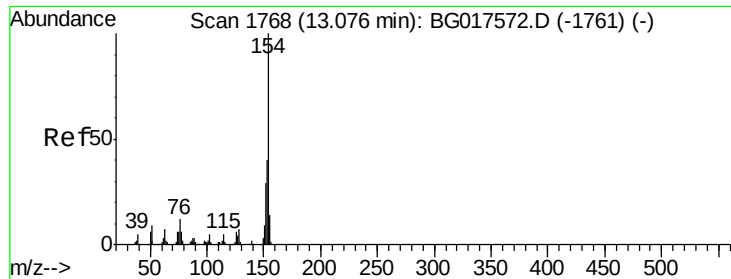
Tgt Ion:330 Resp: 152694
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.9 113.9
 141 54.0 40.2 60.4



#44
 2-Fluorobiphenyl
 Concen: 116.24 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG017620.D
 Acq: 11 Jun 2015 21:38

Tgt Ion:172 Resp: 527789
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.0 43.6
 170 25.2 18.9 28.3

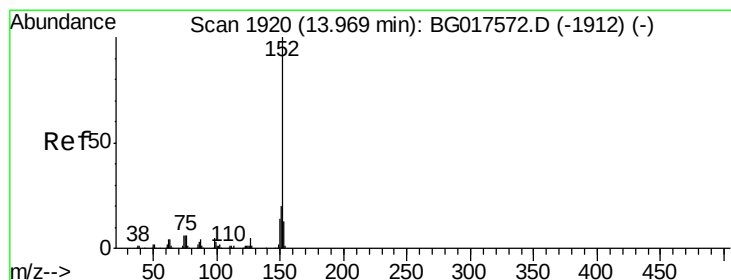
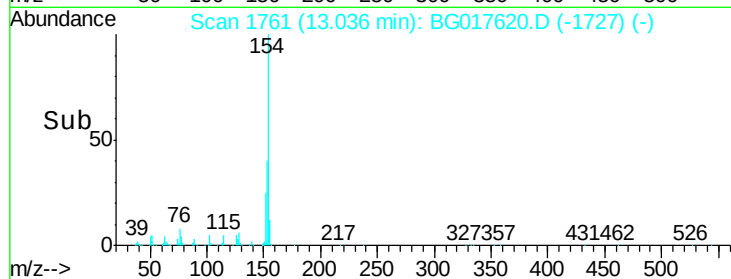
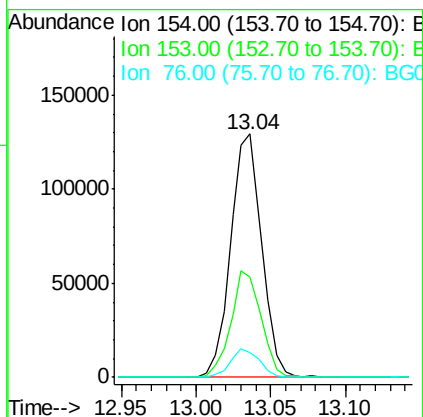
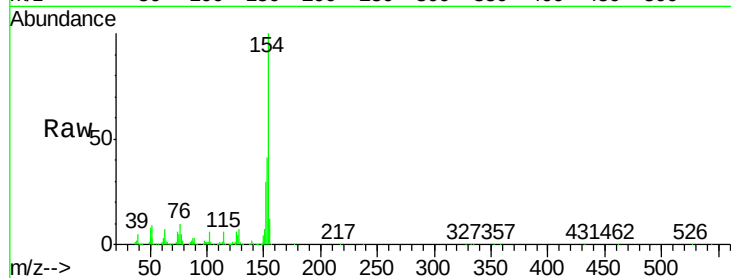




#45
 1,1'-Biphenyl
 Concen: 37.43 ng
 RT: 13.04 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BG017620.D
 Acq: 11 Jun 2015 21:38

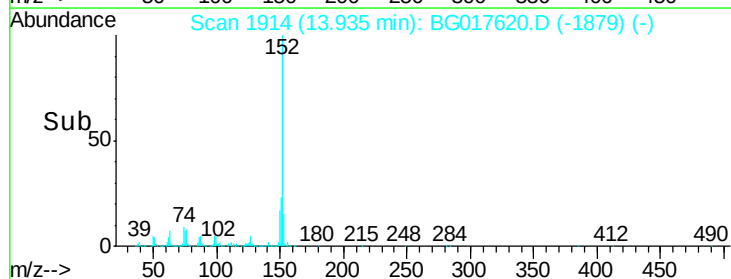
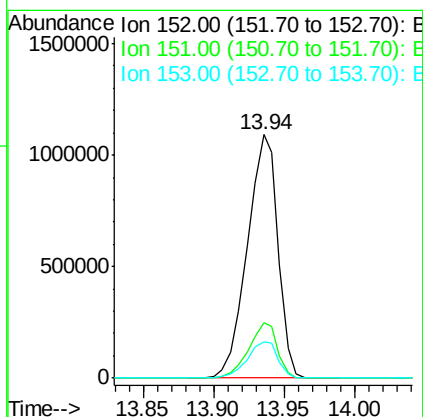
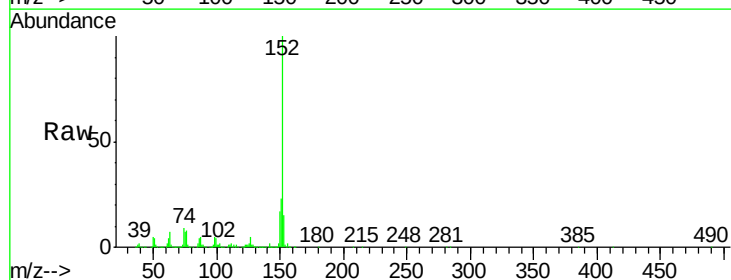
Instrument :
 BNA_G
 ClientSampleId :
 MW-14

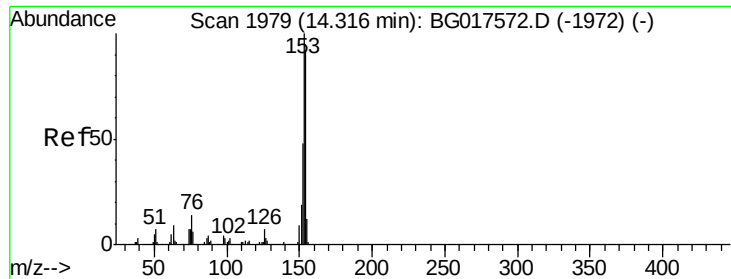
Tgt Ion:154 Resp: 187374
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.1 60.1
 76 10.0 0.0 31.5



#48
 Acenaphthylene
 Concen: 225.15 ng
 RT: 13.94 min Scan# 1914
 Delta R.T. 0.01 min
 Lab File: BG017620.D
 Acq: 11 Jun 2015 21:38

Tgt Ion:152 Resp: 1660055
 Ion Ratio Lower Upper
 152 100
 151 22.8 16.5 24.7
 153 15.2 10.7 16.1





#51

Acenaphthene

Concen: 12.44 ng

RT: 14.27 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

Instrument :

BNA_G

ClientSampleId :

MW-14

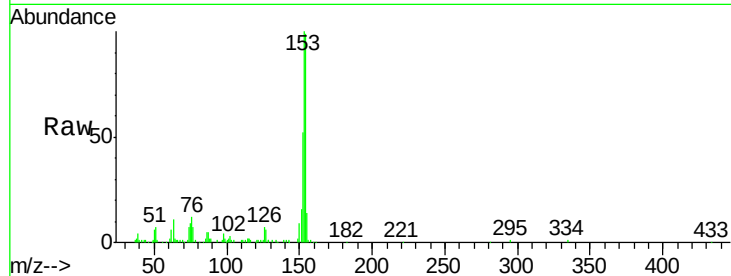
Tgt Ion:154 Resp: 54078

Ion Ratio Lower Upper

154 100

153 101.0 87.7 131.5

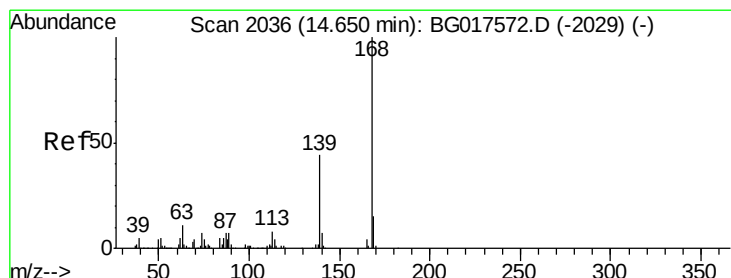
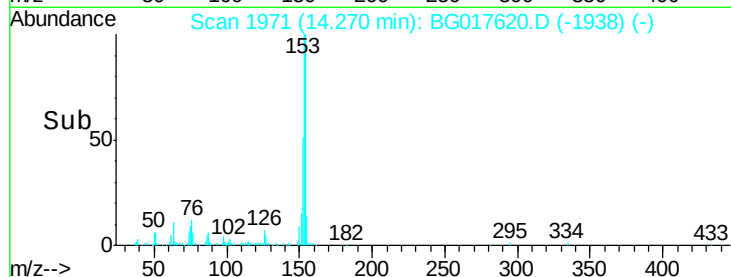
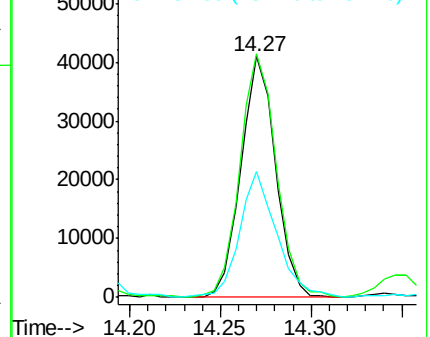
152 52.4 40.8 61.2



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

Dibenzofuran

Concen: 2.29 ng

RT: 14.61 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

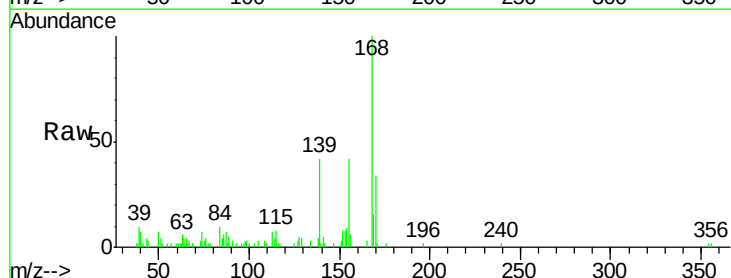
Tgt Ion:168 Resp: 14704

Ion Ratio Lower Upper

168 100

139 41.8 33.2 49.8

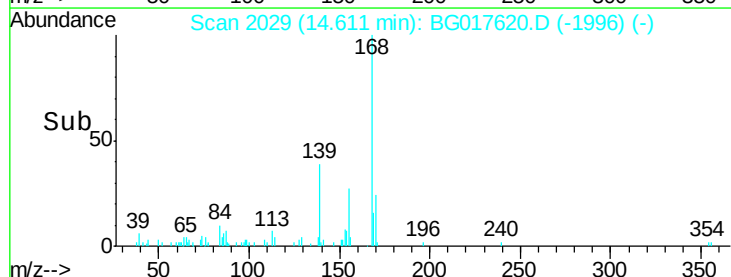
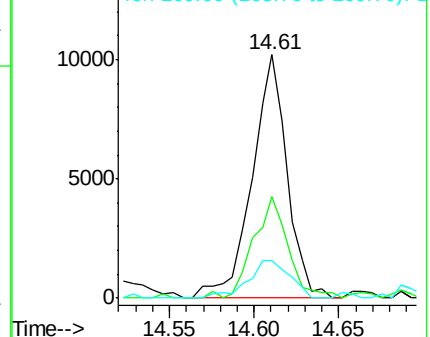
169 15.7 10.6 16.0

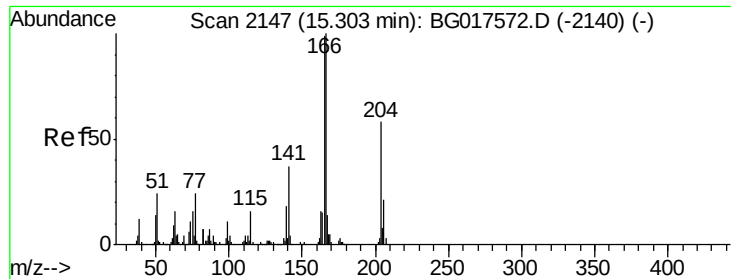


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 20.92 ng

RT: 15.26 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

Instrument :

BNA_G

ClientSampleId :

MW-14

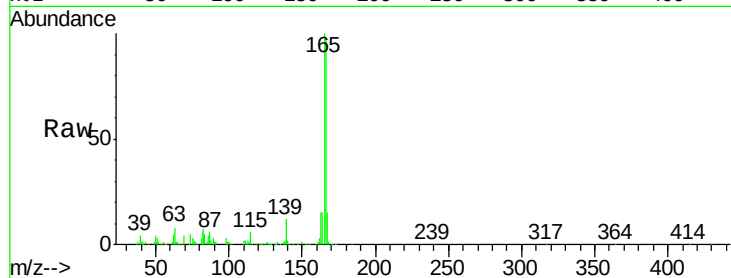
Tgt Ion:166 Resp: 121662

Ion Ratio Lower Upper

166 100

165 103.1 76.8 115.2

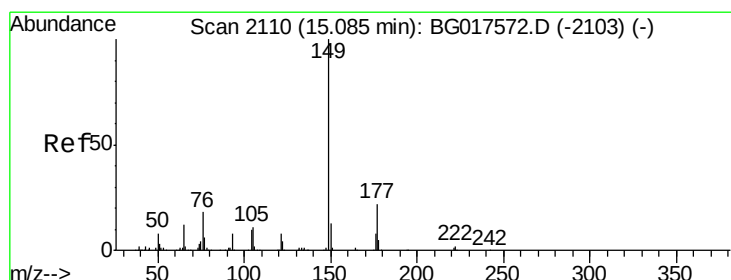
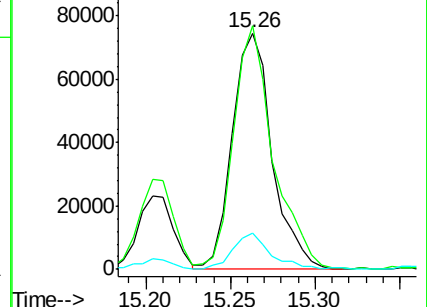
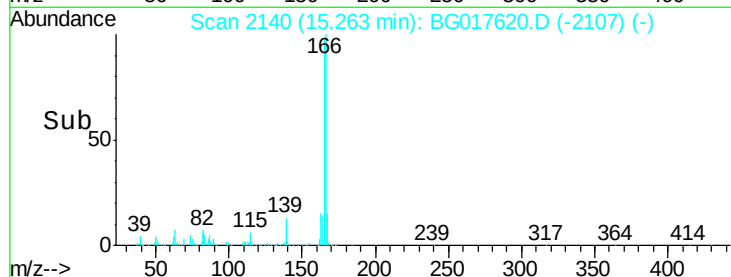
167 15.4 9.9 14.9#



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



#59

Diethylphthalate

Concen: 3.64 ng

RT: 15.05 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

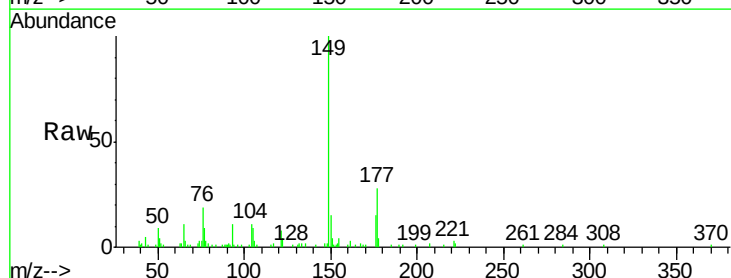
Tgt Ion:149 Resp: 23553

Ion Ratio Lower Upper

149 100

177 28.1 18.3 27.5#

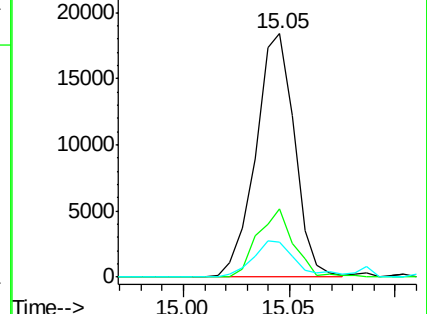
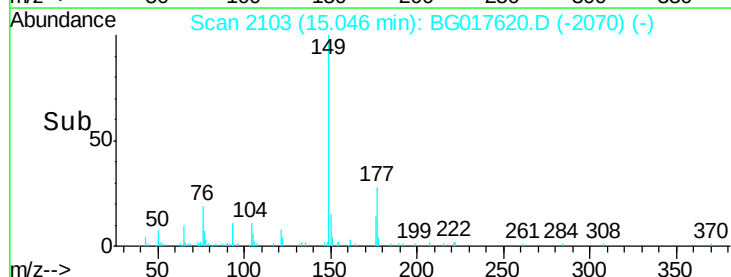
150 14.6 10.6 16.0

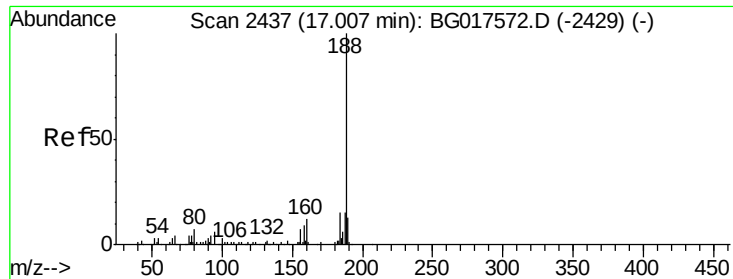


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

Instrument :

BNA_G

ClientSampleId :

MW-14

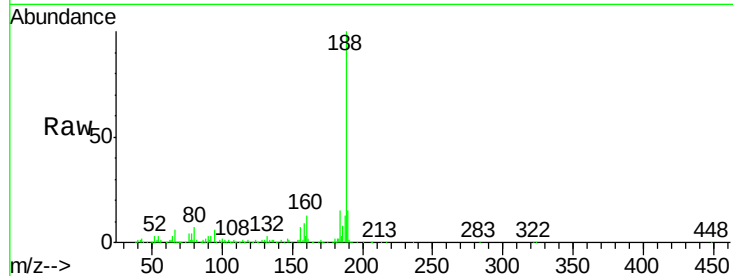
Tgt Ion:188 Resp: 166101

Ion Ratio Lower Upper

188 100

94 5.8 6.3 9.5#

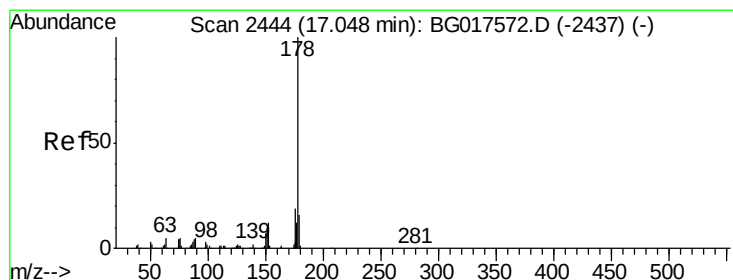
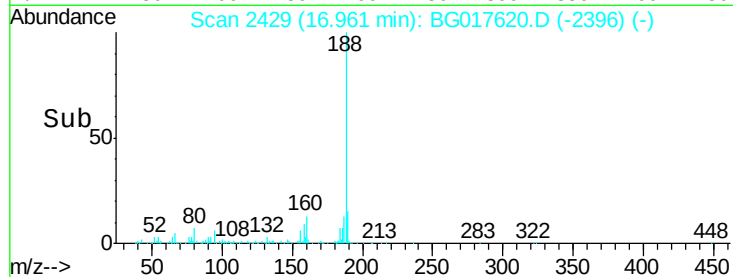
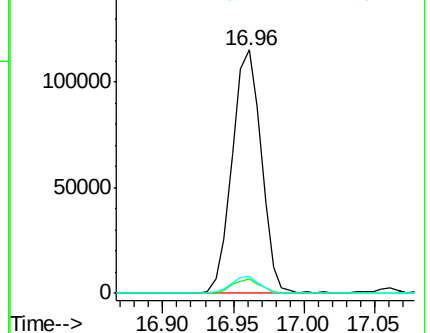
80 6.8 5.2 7.8



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



#70

Phenanthrene

Concen: 36.93 ng

RT: 17.00 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

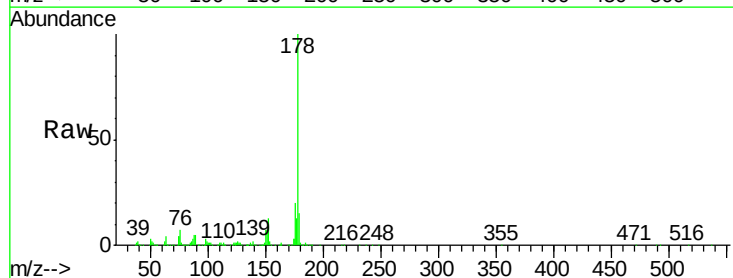
Tgt Ion:178 Resp: 342014

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

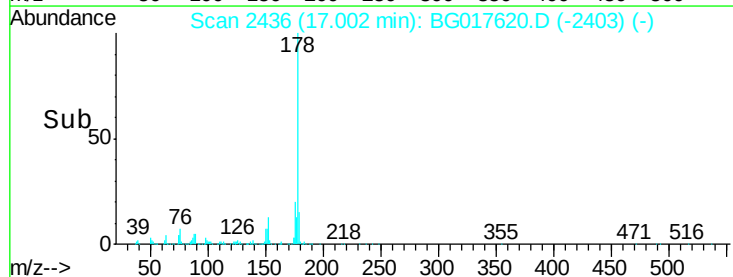
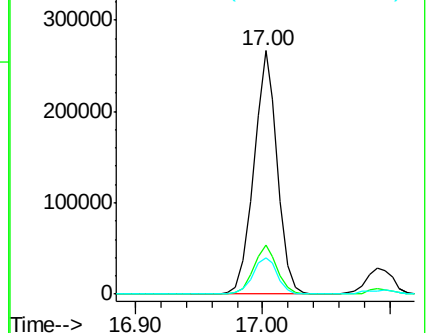
179 14.8 12.2 18.2

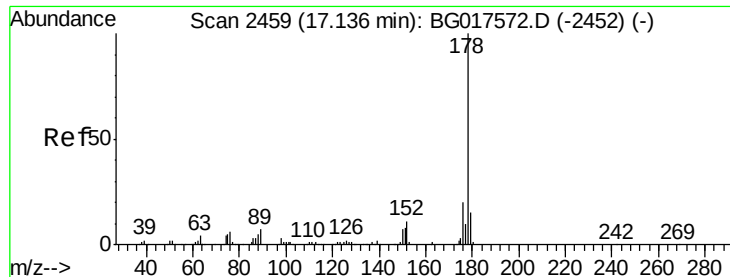


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 4.51 ng

RT: 17.09 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

Instrument :

BNA_G

ClientSampleId :

MW-14

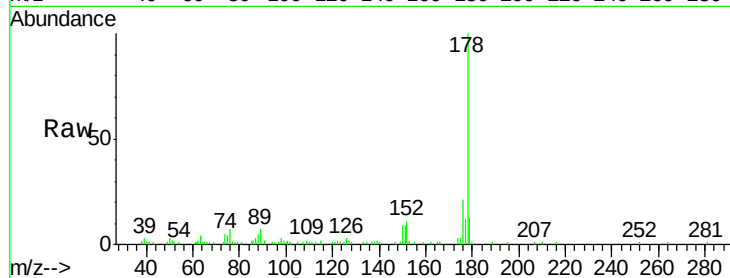
Tgt Ion:178 Resp: 41737

Ion Ratio Lower Upper

178 100

176 20.5 14.2 21.2

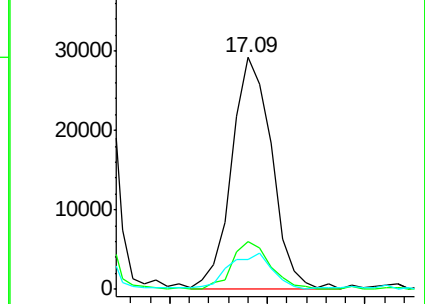
179 12.9 12.2 18.4



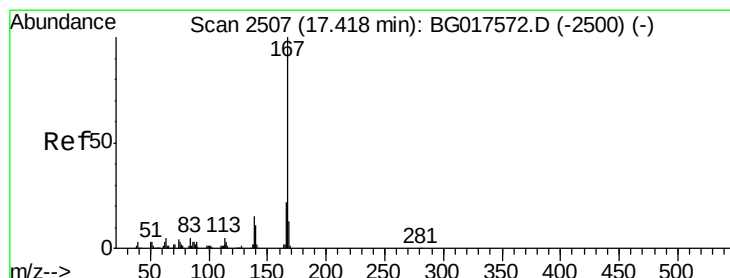
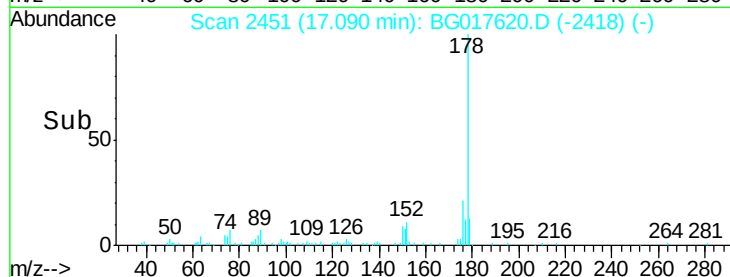
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 3.33 ng

RT: 17.37 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

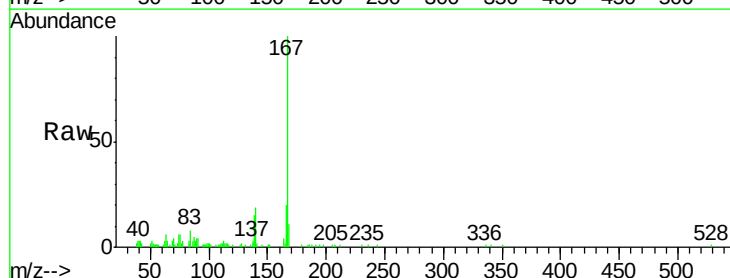
Tgt Ion:167 Resp: 30459

Ion Ratio Lower Upper

167 100

166 20.1 17.0 25.4

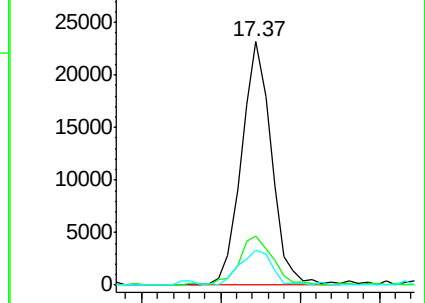
139 14.6 11.3 16.9



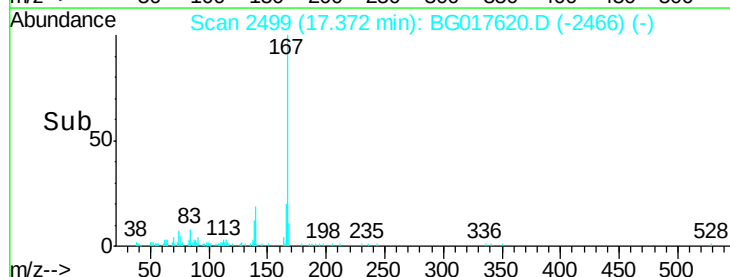
Abundance Ion 167.00 (166.70 to 167.70): E

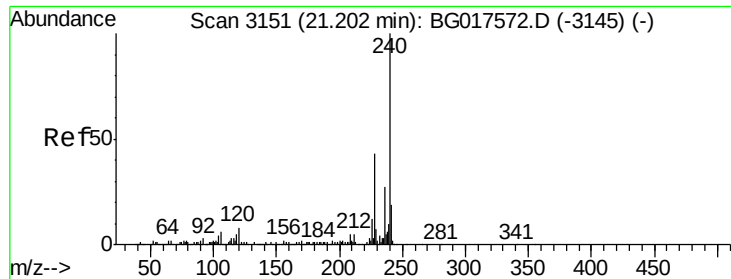
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

Instrument :

BNA_G

ClientSampleId :

MW-14

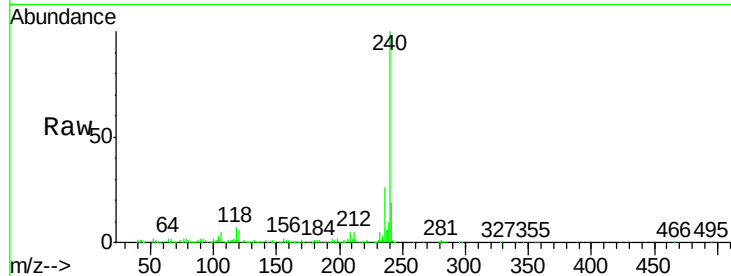
Tgt Ion:240 Resp: 215775

Ion Ratio Lower Upper

240 100

120 6.0 6.5 9.7#

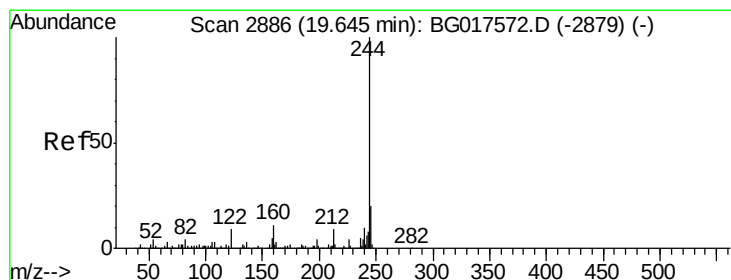
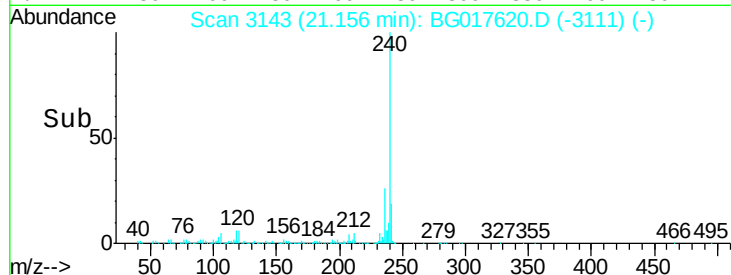
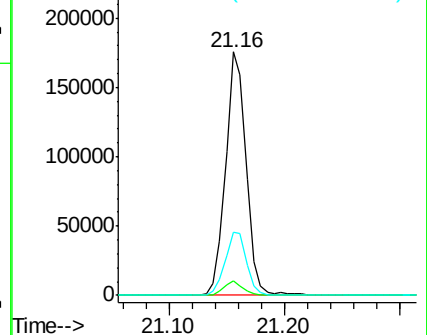
236 25.8 20.8 31.2



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: 100.96 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017620.D

Acq: 11 Jun 2015 21:38

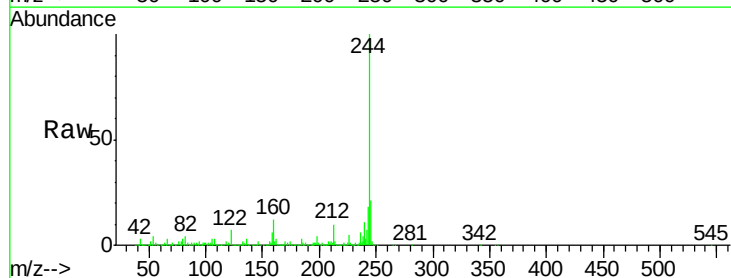
Tgt Ion:244 Resp: 1054021

Ion Ratio Lower Upper

244 100

212 9.5 6.4 9.6

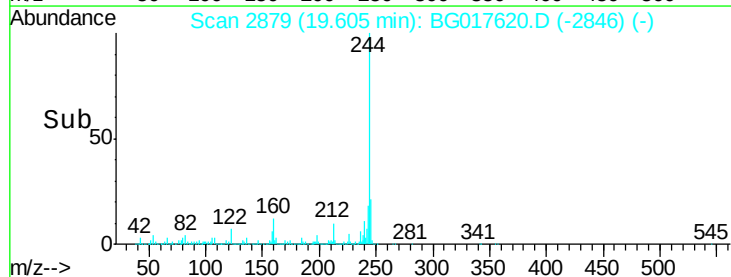
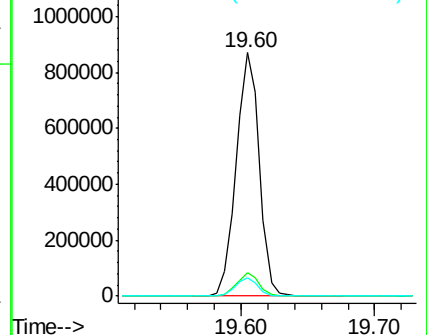
122 7.4 6.6 10.0

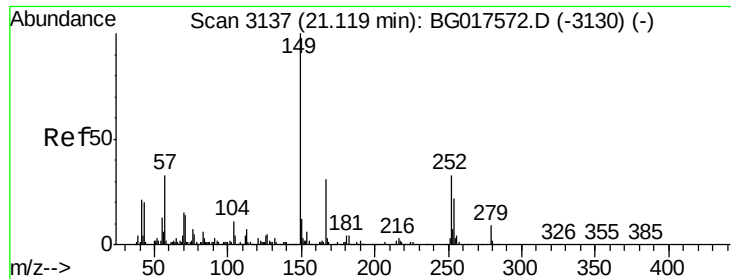


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

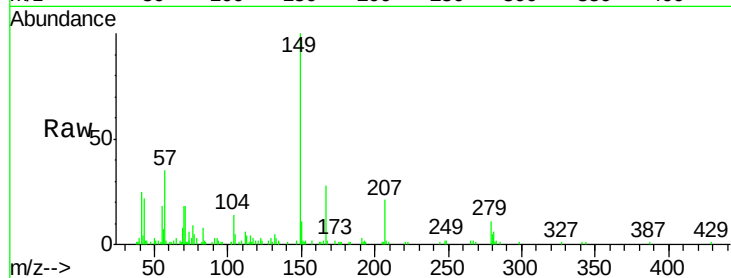




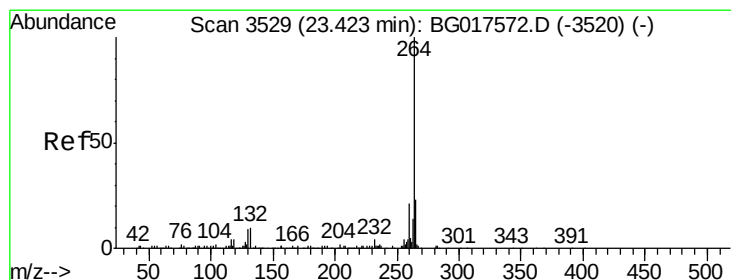
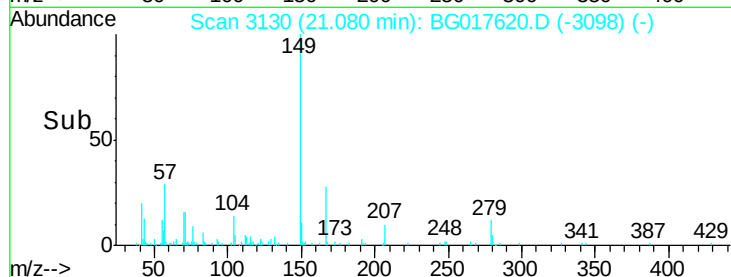
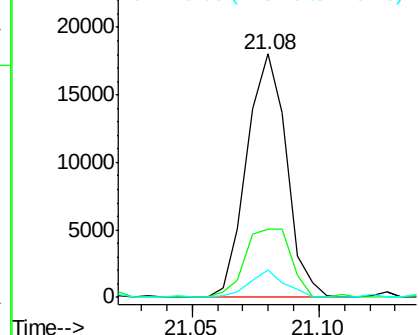
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.37 ng
 RT: 21.08 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG017620.D
 Acq: 11 Jun 2015 21:38

Instrument :
 BNA_G
 ClientSampleId :
 MW-14

Tgt Ion:149 Resp: 19693
 Ion Ratio Lower Upper
 149 100
 167 28.1 25.4 38.2
 279 11.4 7.1 10.7#

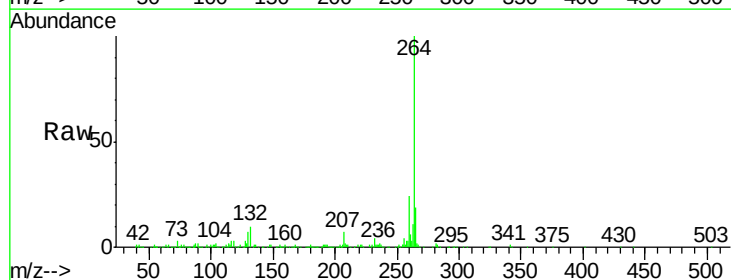


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 3517
 Delta R.T. -0.02 min
 Lab File: BG017620.D
 Acq: 11 Jun 2015 21:38

Tgt Ion:264 Resp: 191207
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.4
 265 19.4 15.8 23.6



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

