

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
 Data File : BG017689.D
 Acq On : 15 Jun 2015 14:36
 Operator : TP/IZ
 Sample : G2522-23DL 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL

Quant Time: Jun 16 01:45:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:22:44 2015
 Response via : Initial Calibration

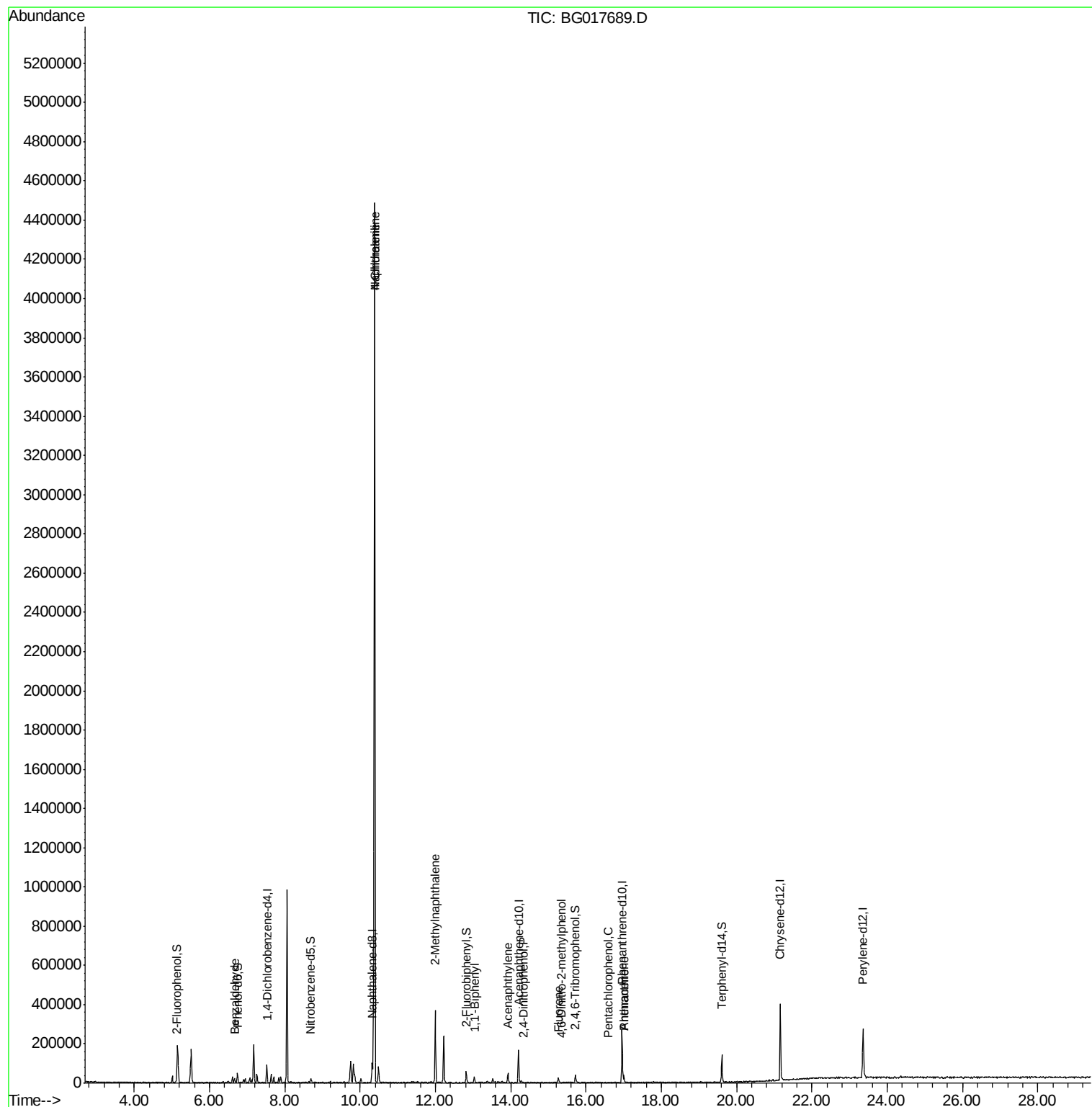
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	17488	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	70290	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	54136	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	141617	20.00	ng	0.00
75) Chrysene-d12	21.16	240	201375	20.00	ng	0.00
86) Perylene-d12	23.36	264	203484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	4254	4.71	ng	0.00
7) Phenol-d6	6.74	99	3204	2.42	ng	0.00
23) Nitrobenzene-d5	8.70	82	10832	6.47	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	8227	8.80	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	26616	6.80	ng	0.00
78) Terphenyl-d14	19.61	244	64342	6.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	2427	2.71	ng	# 1
31) Naphthalene	10.38	128	2911535	767.39	ng	# 84
33) 4-Chloroaniline	10.38	127	480899	309.63	ng	# 33
37) 2-Methylnaphthalene	11.99	142	138302	45.60	ng	95
45) 1,1'-Biphenyl	13.03	154	14697	3.70	ng	94
48) Acenaphthylene	13.93	152	28215	5.04	ng	99
53) 2,4-Dinitrophenol	14.33	184	62	5.96	ng	# 13
57) Fluorene	15.26	166	10440	2.22	ng	99
64) 4,6-Dinitro-2-methylphenol	15.36	198	60	5.30	ng	# 39
69) Pentachlorophenol	16.59	266	76	6.26	ng	# 17
70) Phenanthrene	17.00	178	19474	2.46	ng	95
71) Anthracene	17.00	178	19474	2.48	ng	98

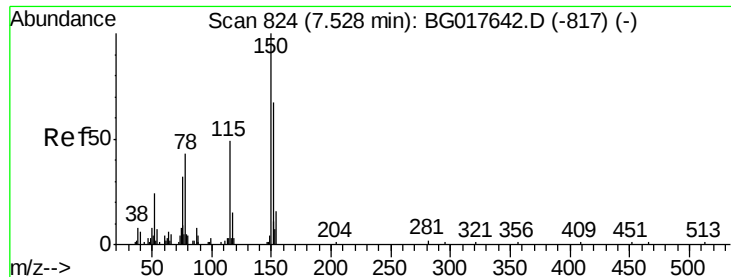
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 16 01:45:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 02:22:44 2015
Response via : Initial Calibration



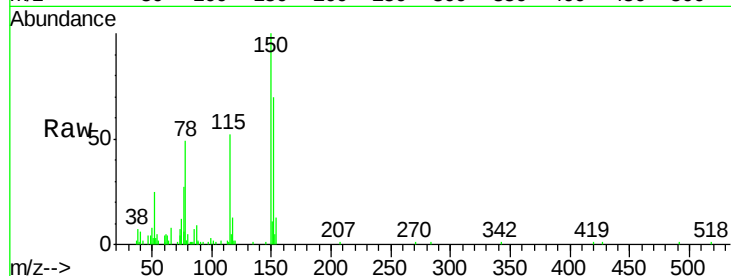


#1

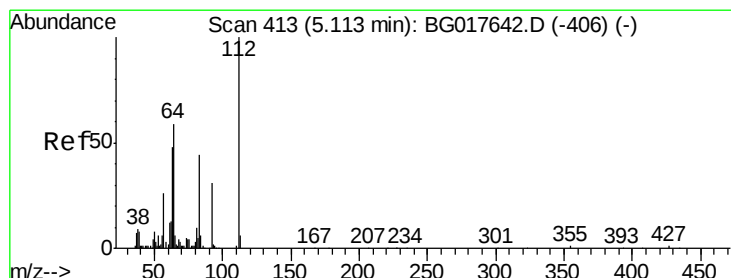
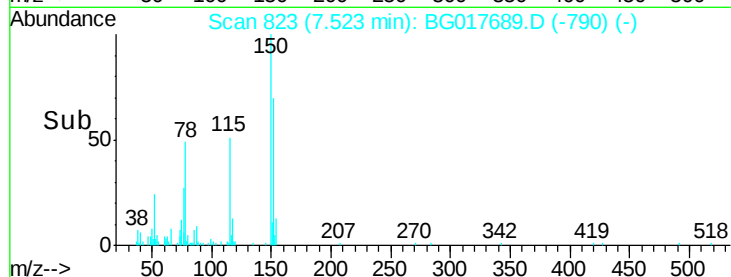
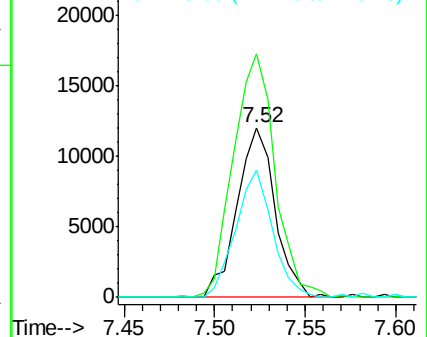
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

Tgt Ion:152 Resp: 17488
Ion Ratio Lower Upper
152 100
150 143.3 119.4 179.0
115 74.7 58.2 87.2



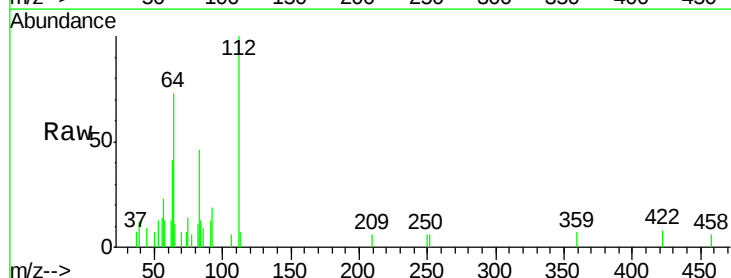
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



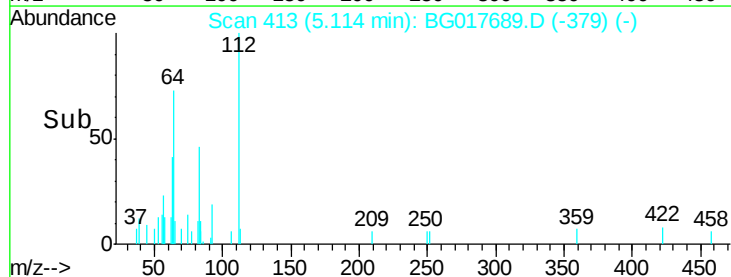
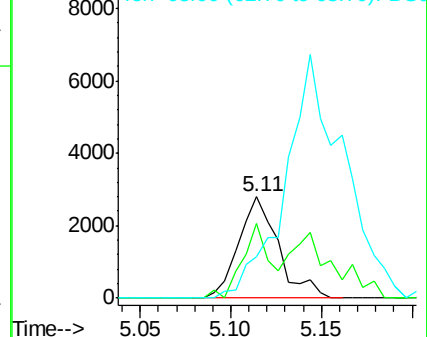
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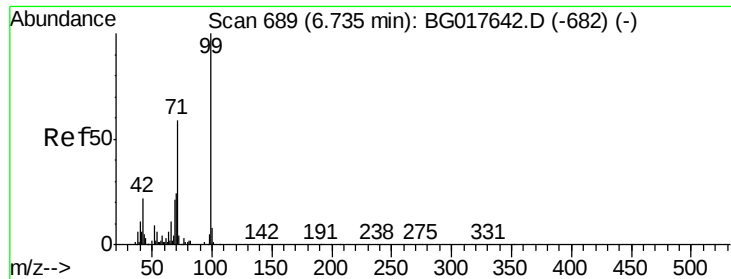
2-Fluorophenol
Concen: 4.71 ng
RT: 5.11 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion:112 Resp: 4254
Ion Ratio Lower Upper
112 100
64 73.4 47.0 70.6#
63 41.5 38.6 58.0



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: 2.42 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG017689.D

Acq: 15 Jun 2015 14:36

Instrument :

BNA_G

ClientSampleId :

MW-11CDL

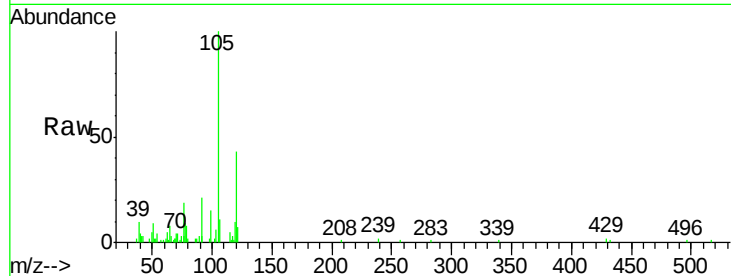
Tgt Ion: 99 Resp: 3204

Ion Ratio Lower Upper

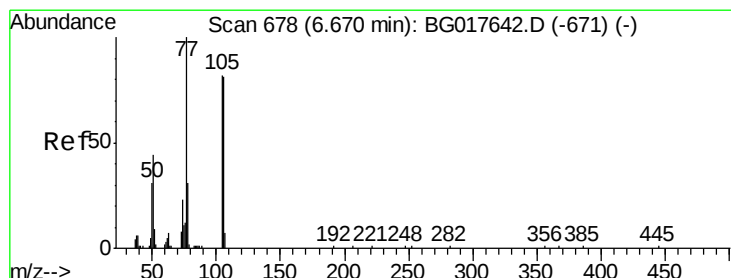
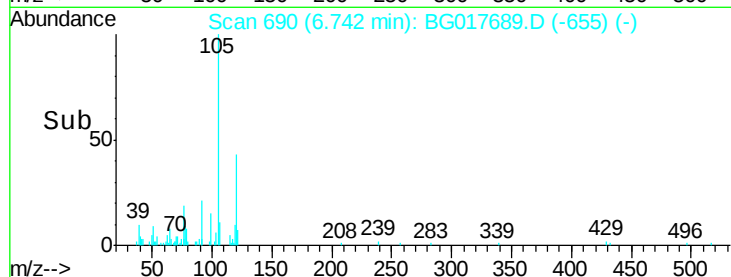
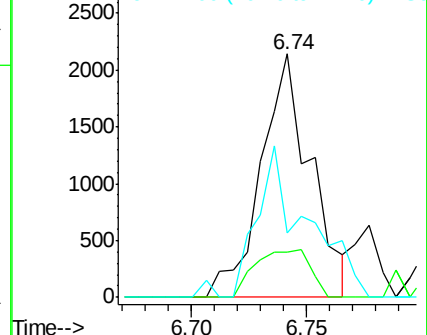
99 100

42 18.4 17.4 26.2

71 26.6 47.4 71.0#



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



#9

Benzaldehyde

Concen: 2.71 ng

RT: 6.67 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG017689.D

Acq: 15 Jun 2015 14:36

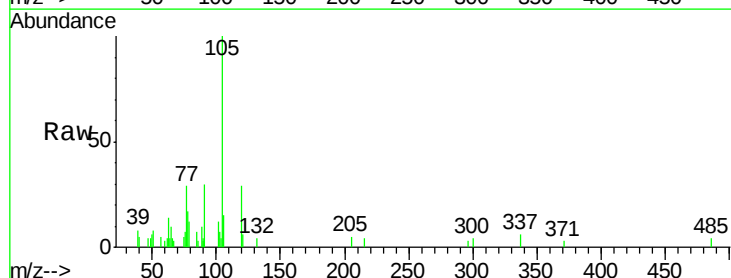
Tgt Ion: 77 Resp: 2427

Ion Ratio Lower Upper

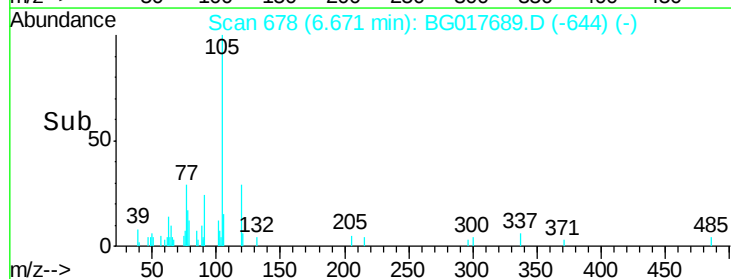
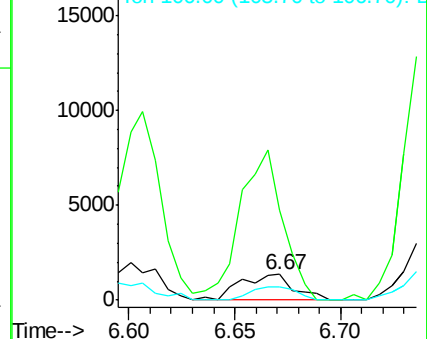
77 100

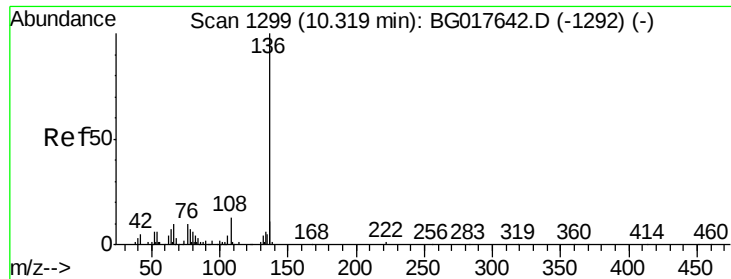
105 346.5 62.3 102.3#

106 51.3 60.7 100.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

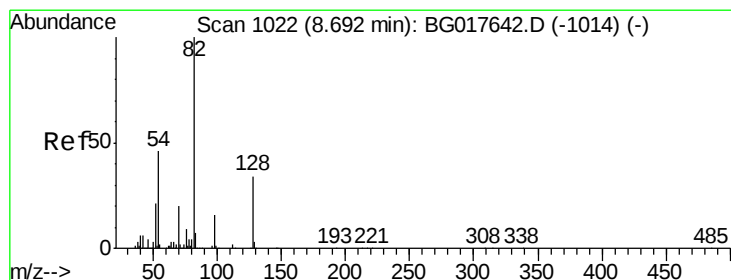
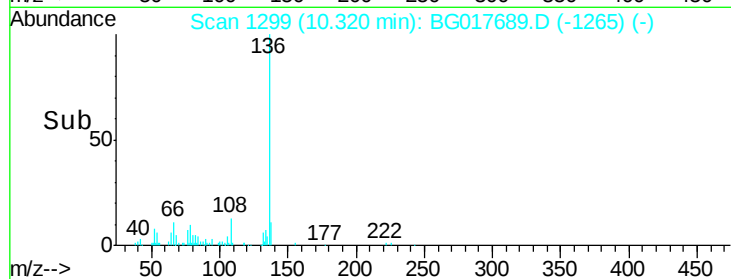
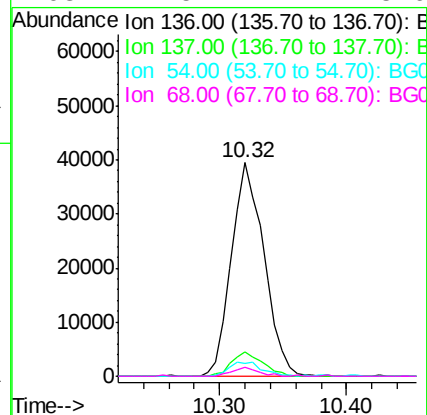
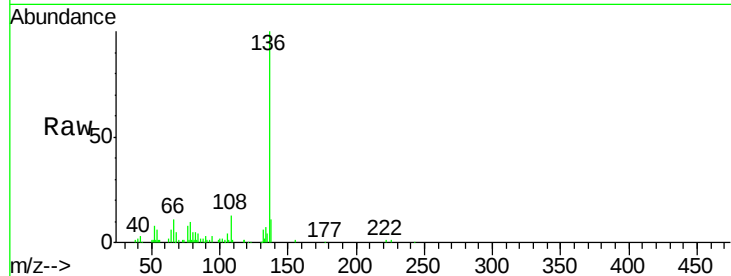




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

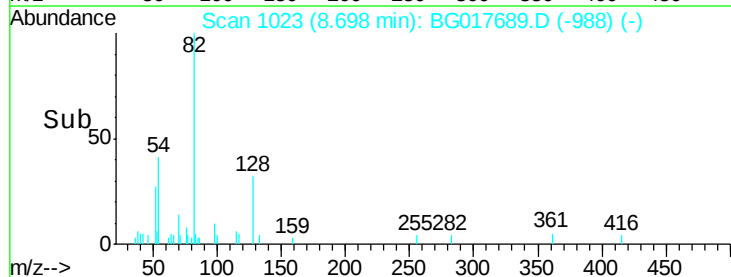
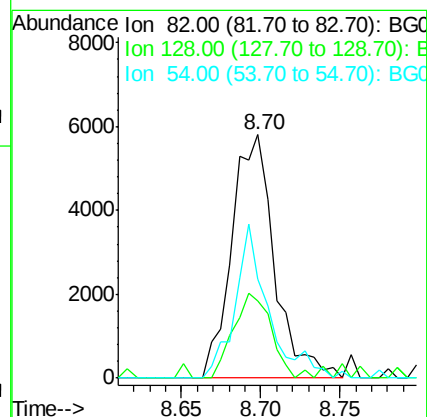
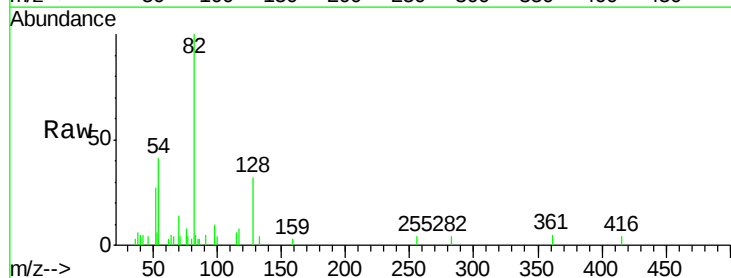
Instrument :
BNA_G
ClientSampleId :
MW-11CDL

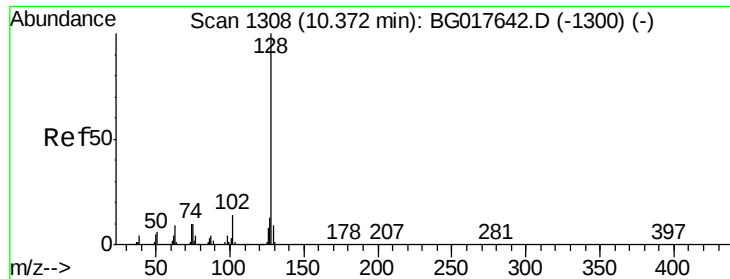
Tgt Ion: 136 Resp: 70290
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 6.2 4.7 7.1
68 4.5 2.4 3.6#



#23
Nitrobenzene-d5
Concen: 6.47 ng
RT: 8.70 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion: 82 Resp: 10832
Ion Ratio Lower Upper
82 100
128 31.9 27.3 40.9
54 40.8 37.0 55.4

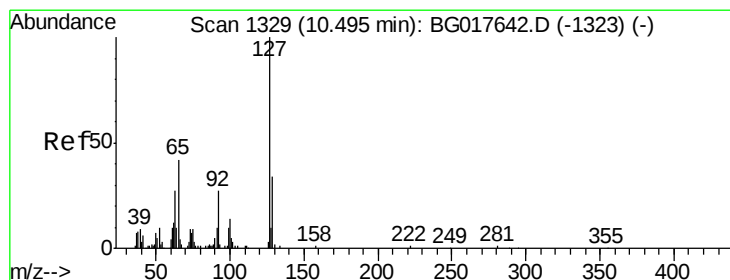
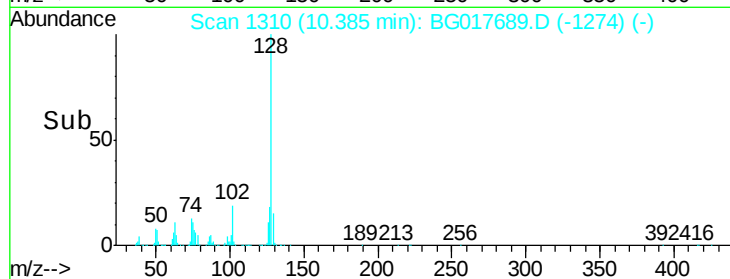
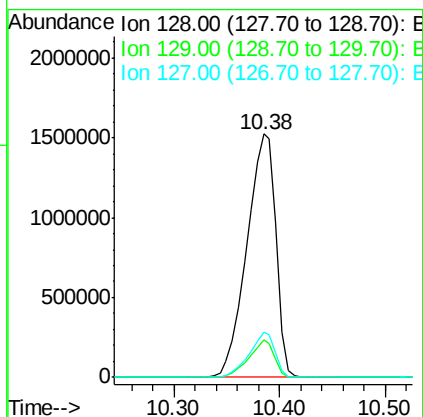
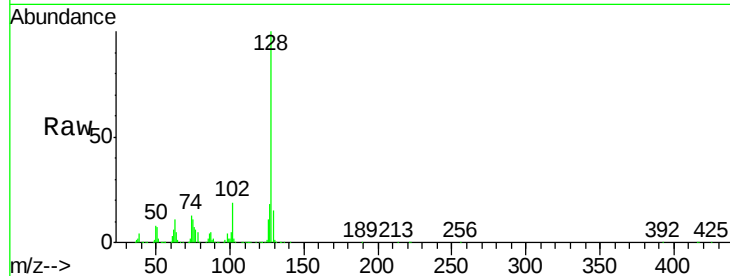




#31
Naphthalene
Concen: 767.39 ng
RT: 10.38 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

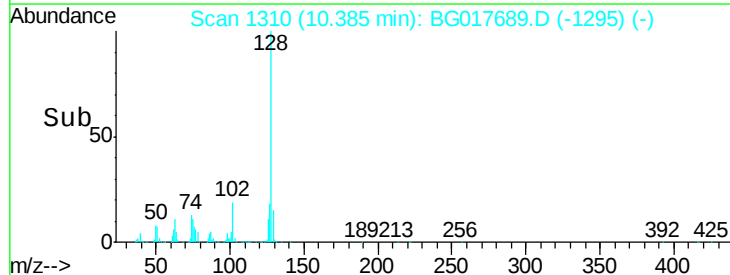
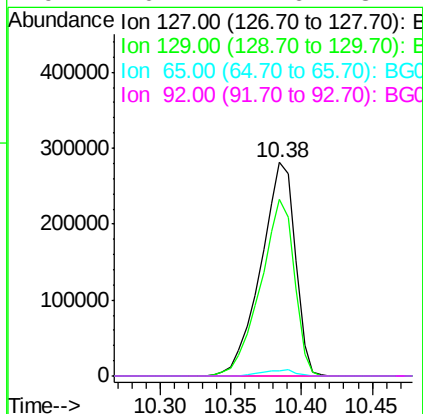
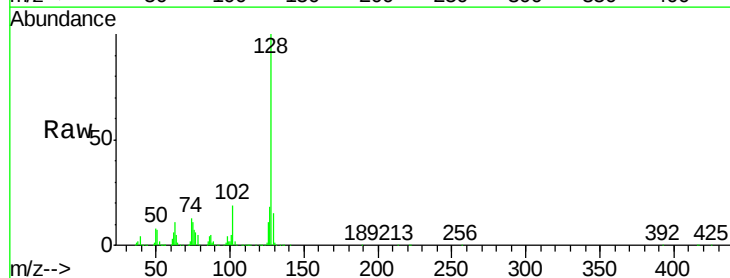
Instrument :
BNA_G
ClientSampleId :
MW-11CDL

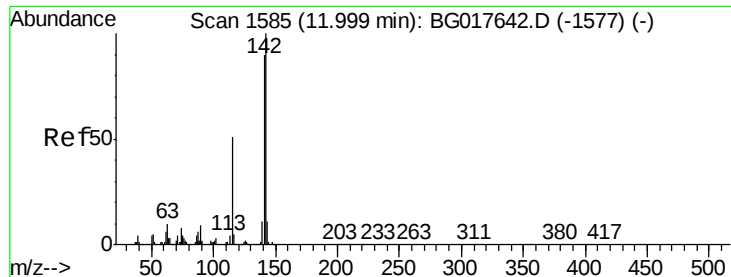
Tgt Ion:128 Resp: 2911535
Ion Ratio Lower Upper
128 100
129 15.2 7.0 10.4#
127 18.4 10.2 15.2#



#33
4-Chloroaniline
Concen: 309.63 ng
RT: 10.38 min Scan# 1310
Delta R.T. -0.11 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion:127 Resp: 480899
Ion Ratio Lower Upper
127 100
129 82.6 27.4 41.2#
65 2.7 33.8 50.8#
92 0.1 21.6 32.4#

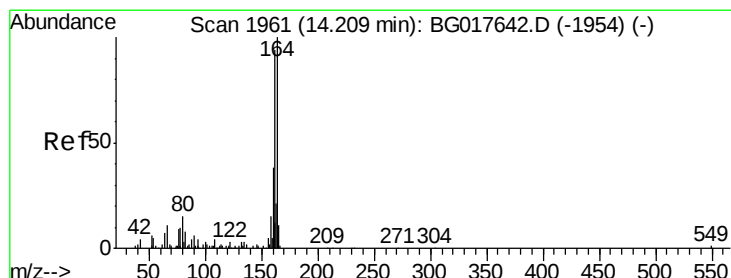
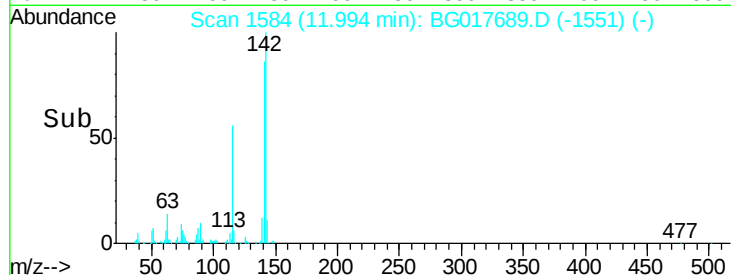
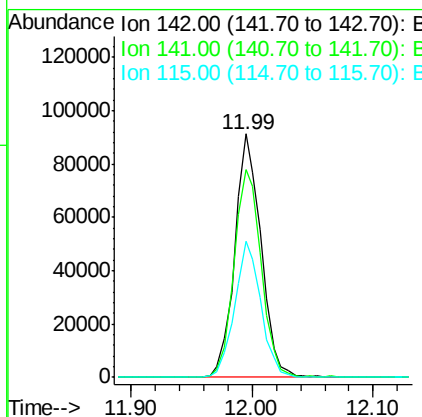
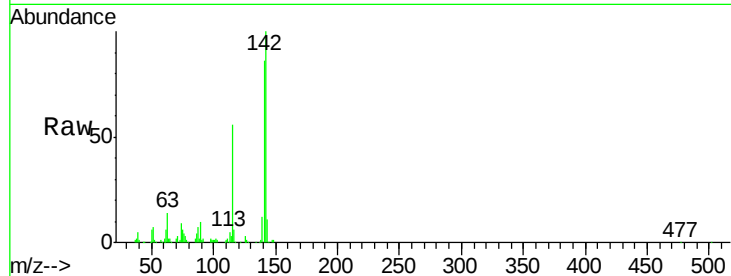




#37
2-Methylnaphthalene
Concen: 45.60 ng
RT: 11.99 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

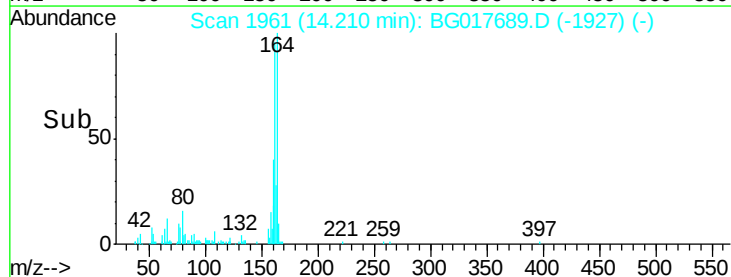
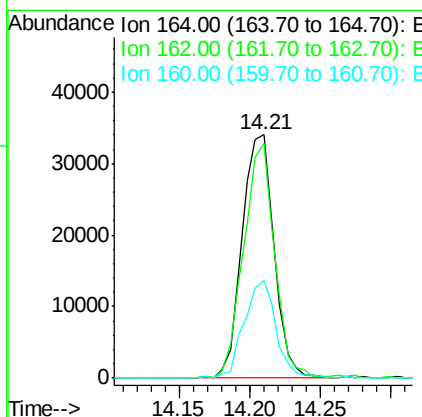
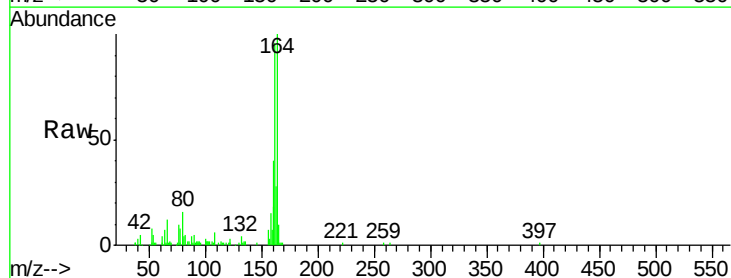
Instrument :
BNA_G
ClientSampleId :
MW-11CDL

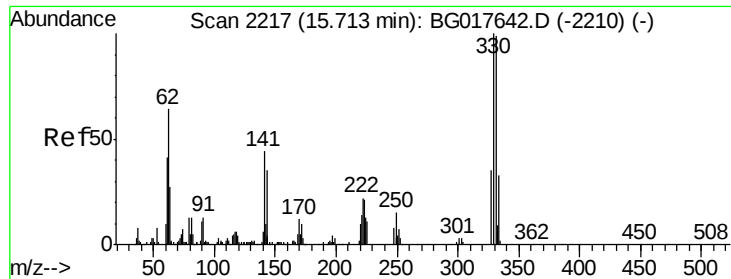
Tgt Ion:142 Resp: 138302
Ion Ratio Lower Upper
142 100
141 85.6 71.8 107.8
115 55.8 41.0 61.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.21 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion:164 Resp: 54136
Ion Ratio Lower Upper
164 100
162 96.3 75.0 112.4
160 40.2 30.3 45.5

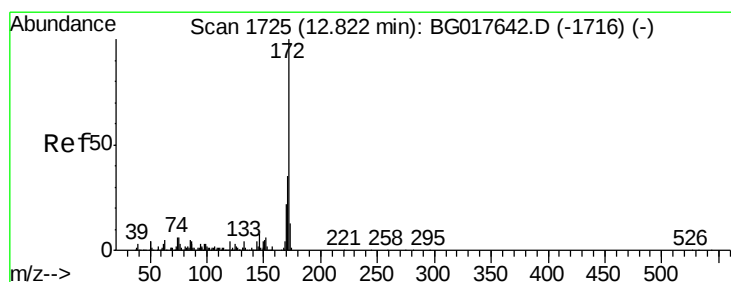
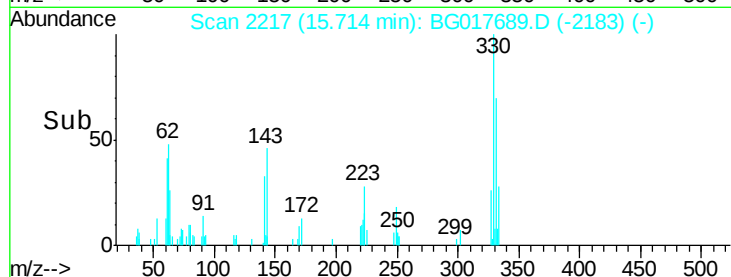
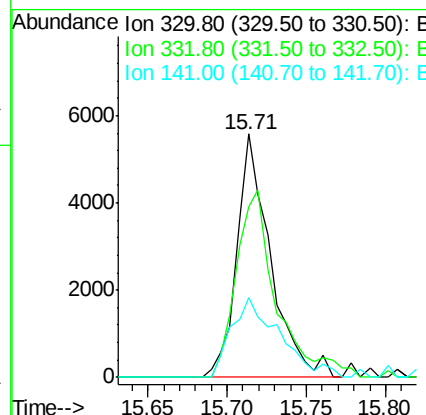
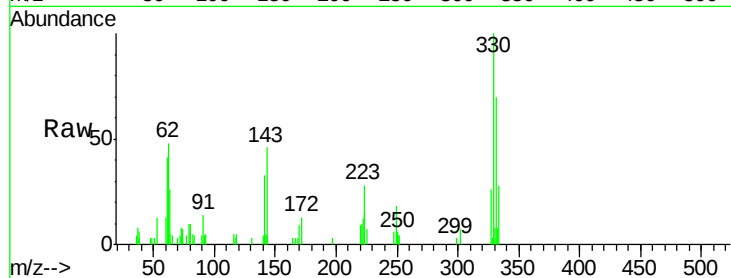




#41
 2,4,6-Tribromophenol
 Concen: 8.80 ng
 RT: 15.71 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG017689.D
 Acq: 15 Jun 2015 14:36

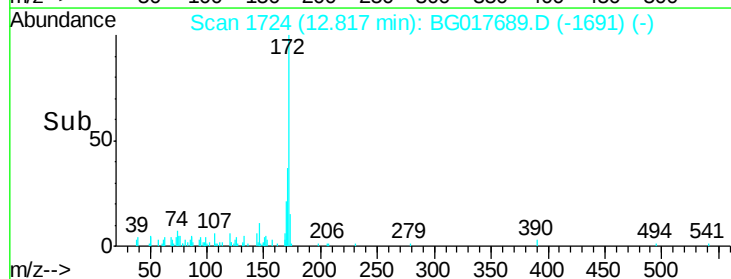
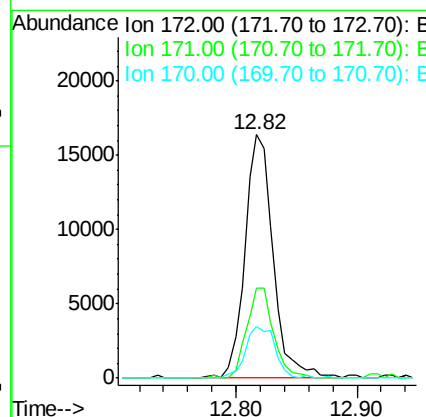
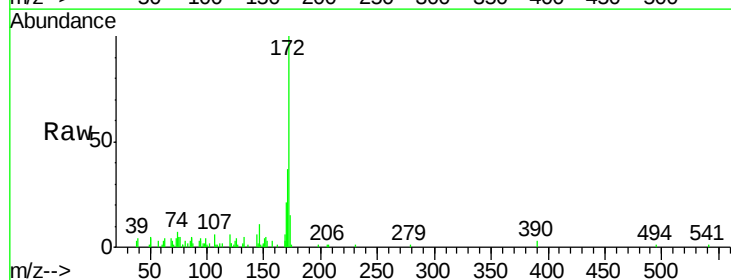
Instrument :
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 ClientSampled :
 MW-11CDL

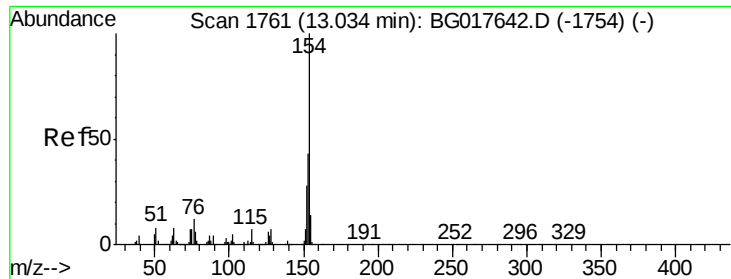
Tgt Ion:330 Resp: 8227
 Ion Ratio Lower Upper
 330 100
 332 91.5 76.6 114.8
 141 46.9 34.6 51.8



#44
 2-Fluorobiphenyl
 Concen: 6.80 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG017689.D
 Acq: 15 Jun 2015 14:36

Tgt Ion:172 Resp: 26616
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.2 42.2
 170 21.3 17.4 26.2

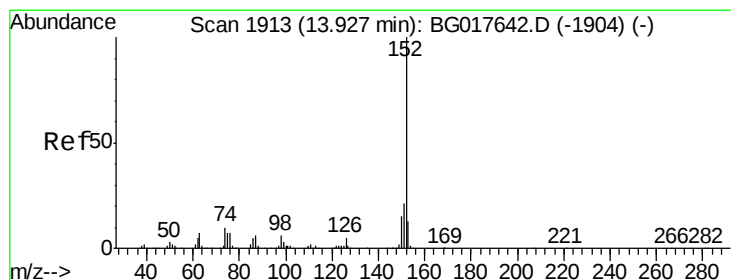
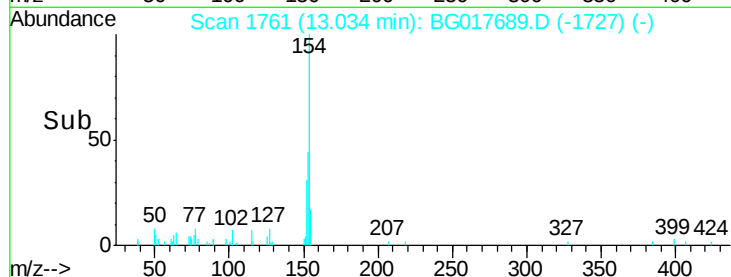
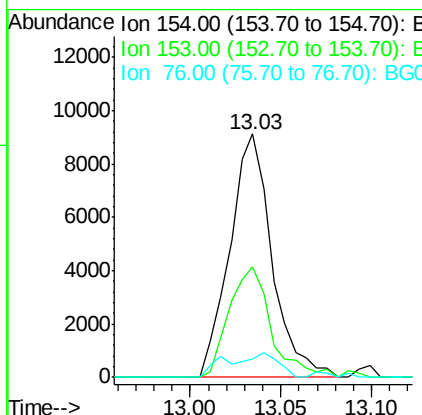
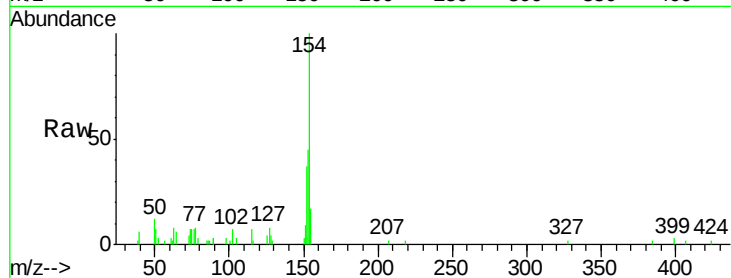




#45
 1,1'-Biphenyl
 Concen: 3.70 ng
 RT: 13.03 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BG017689.D
 Acq: 15 Jun 2015 14:36

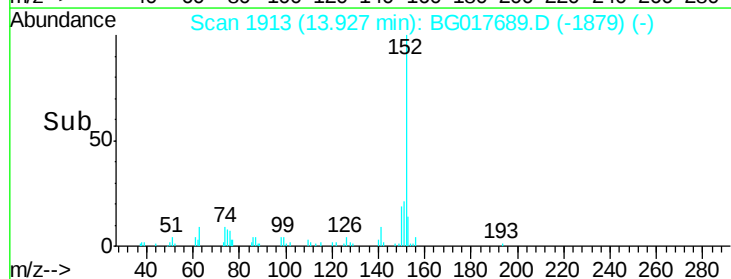
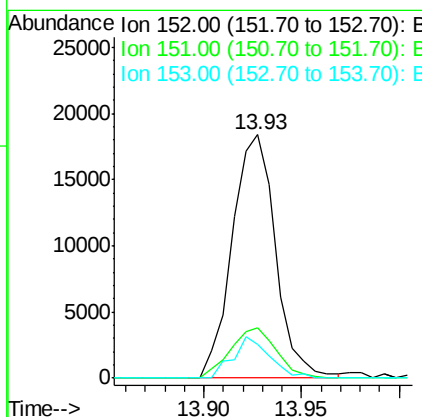
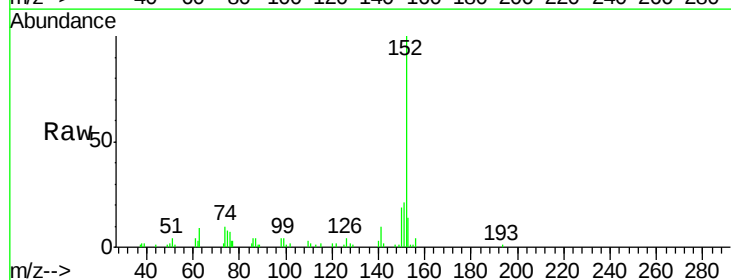
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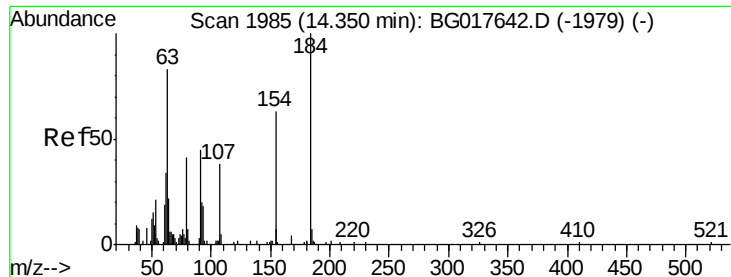
Tgt Ion:	154	Resp:	14697
Ion	Ratio	Lower	Upper
154	100		
153	45.4	22.9	62.9
76	7.5	0.0	31.8



#48
 Acenaphthylene
 Concen: 5.04 ng
 RT: 13.93 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: BG017689.D
 Acq: 15 Jun 2015 14:36

Tgt Ion:	152	Resp:	28215
Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.0	25.4
153	13.9	10.5	15.7





#53

2,4-Dinitrophenol

Concen: 5.96 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.02 min

Lab File: BG017689.D

Acq: 15 Jun 2015 14:36

Instrument :

BNA_G

ClientSampleId :

MW-11CDL

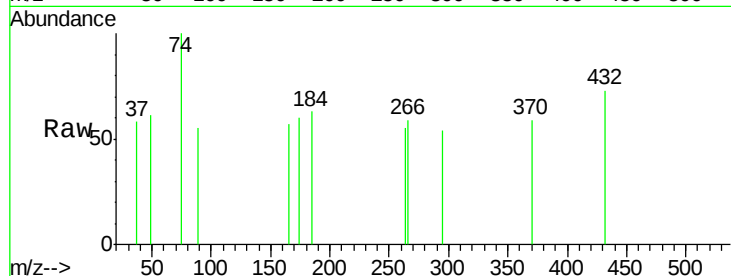
Tgt Ion:184 Resp: 62

Ion Ratio Lower Upper

184 100

63 0.0 66.5 99.7#

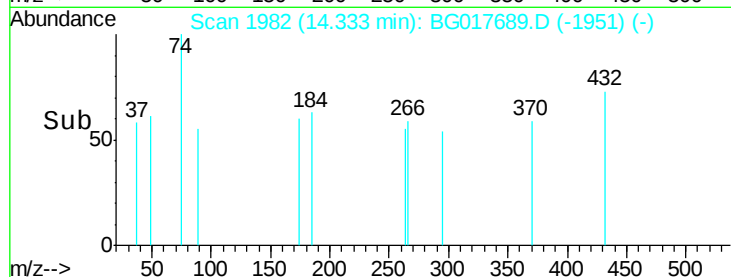
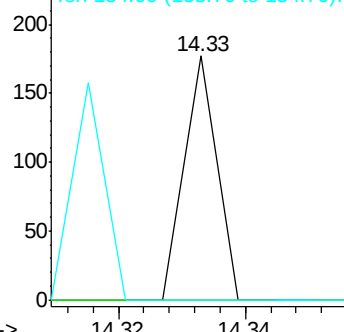
154 0.0 50.5 75.7#



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: 2.22 ng

RT: 15.26 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG017689.D

Acq: 15 Jun 2015 14:36

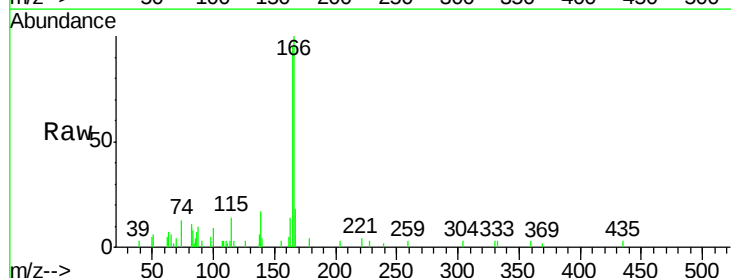
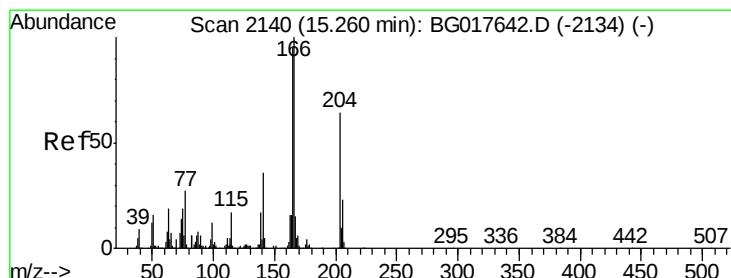
Tgt Ion:166 Resp: 10440

Ion Ratio Lower Upper

166 100

165 94.7 76.2 114.4

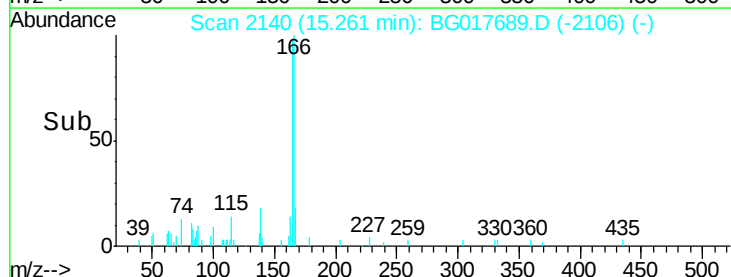
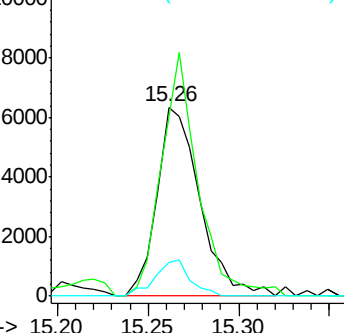
167 17.5 12.2 18.2

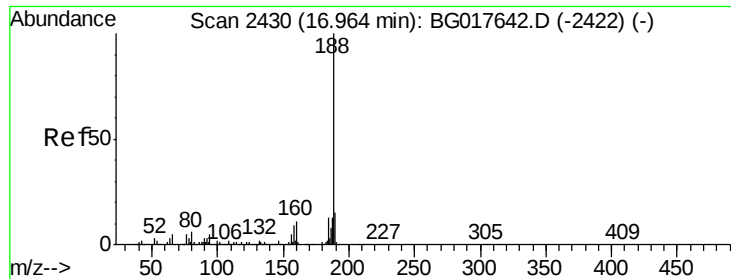


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

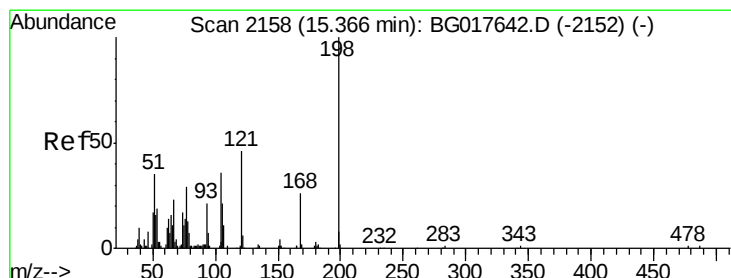
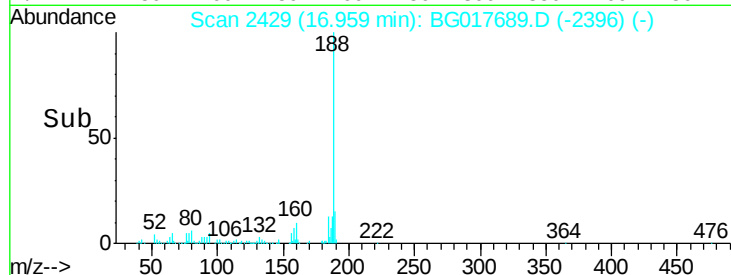
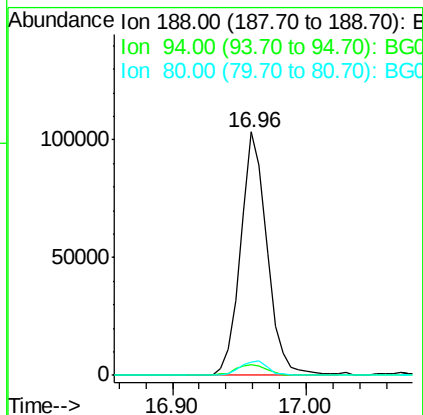
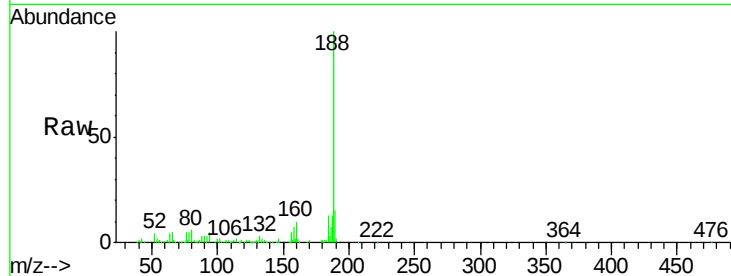




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

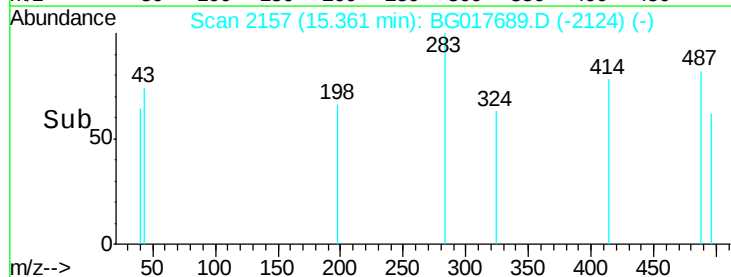
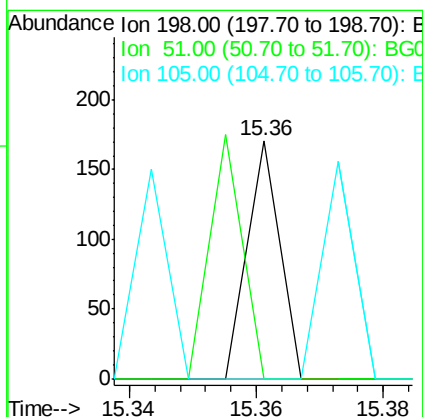
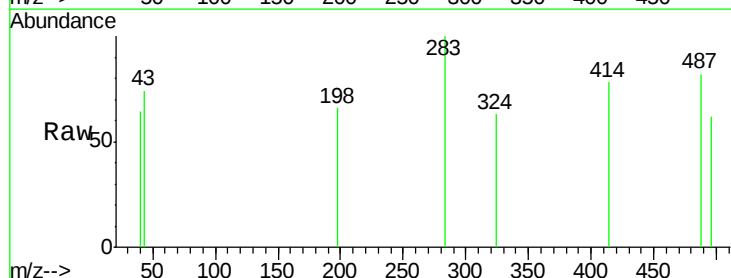
Instrument :
BNA_G
ClientSampleId :
MW-11CDL

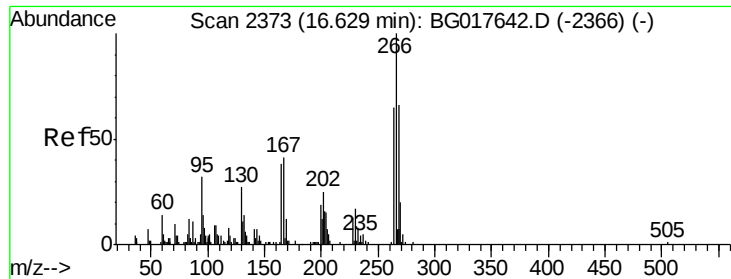
Tgt Ion:188 Resp: 141617
Ion Ratio Lower Upper
188 100
94 4.6 3.9 5.9
80 5.5 5.0 7.6



#64
4,6-Dinitro-2-methylphenol
Concen: 5.30 ng
RT: 15.36 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG017689.D
Acq: 15 Jun 2015 14:36

Tgt Ion:198 Resp: 60
Ion Ratio Lower Upper
198 100
51 0.0 16.2 56.2#
105 0.0 15.7 55.7#

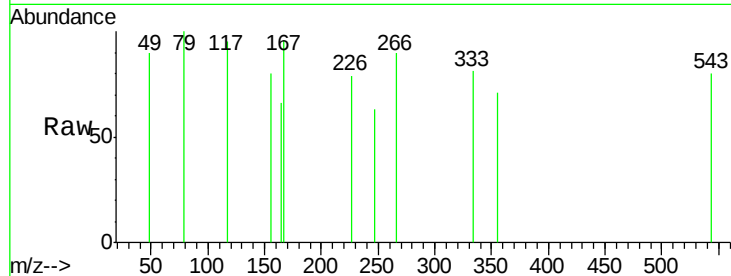




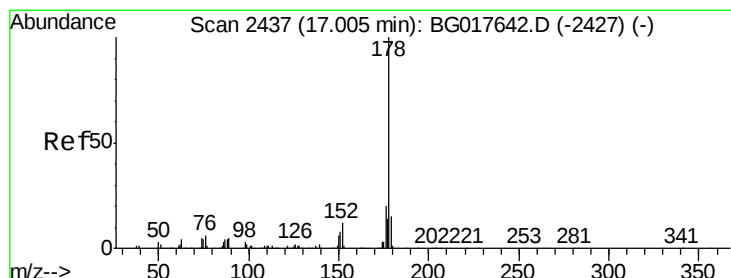
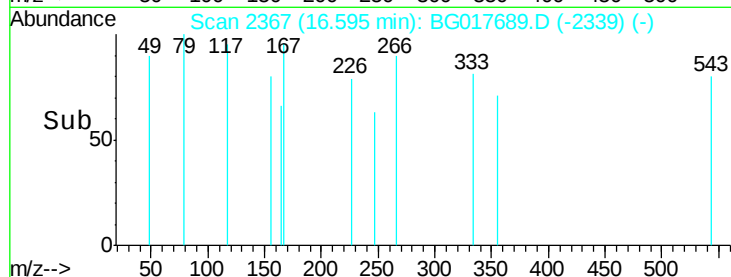
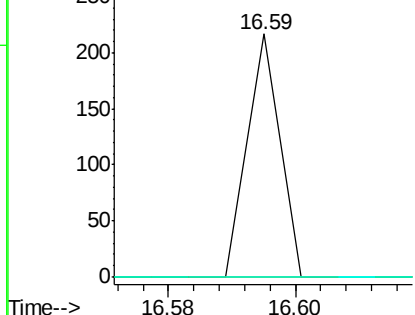
#69
 Pentachlorophenol
 Concen: 6.26 ng
 RT: 16.59 min Scan# 2367
 Delta R.T. -0.03 min
 Lab File: BG017689.D
 Acq: 15 Jun 2015 14:36

Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	52.7	79.1#
264	0.0	52.2	78.4#

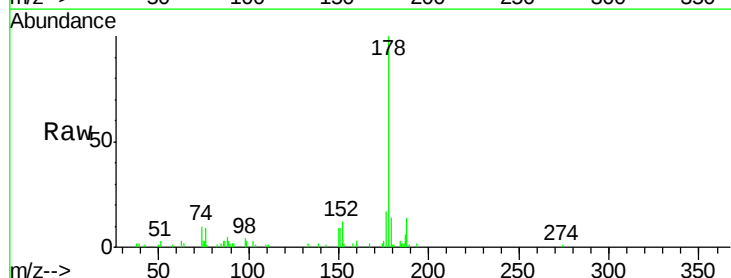


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

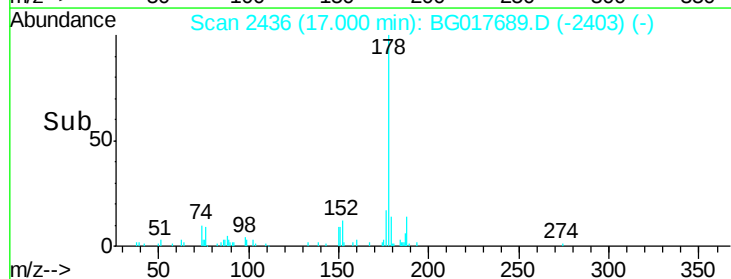
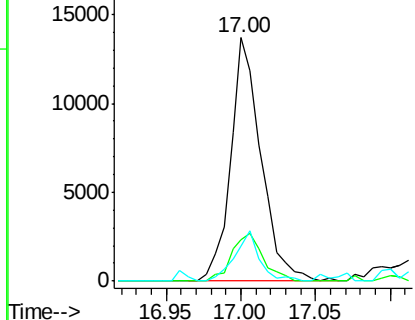


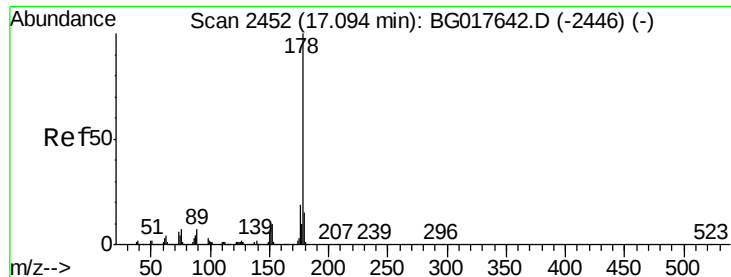
#70
 Phenanthrene
 Concen: 2.46 ng
 RT: 17.00 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG017689.D
 Acq: 15 Jun 2015 14:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.2	16.2	24.4
179	14.4	12.3	18.5



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

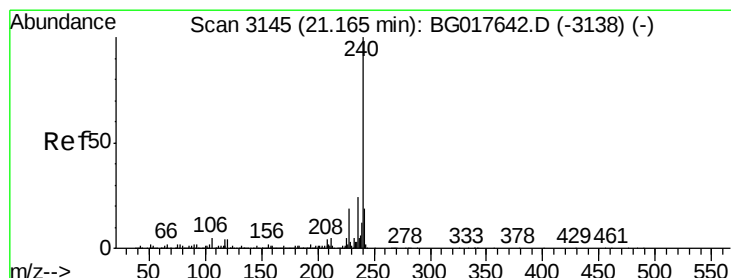
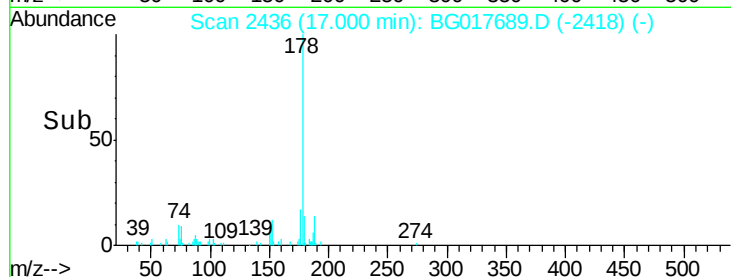
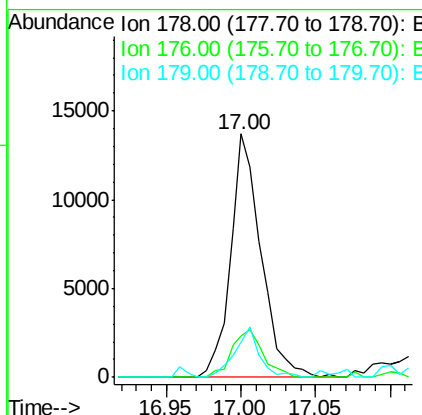
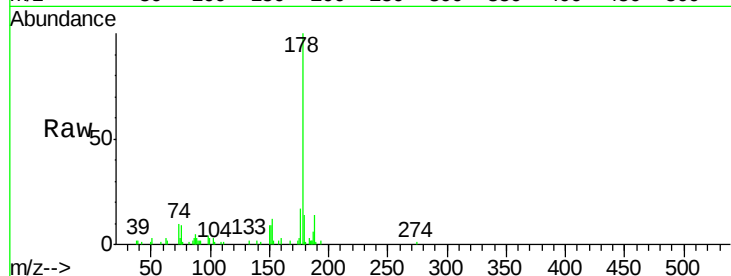




#71
 Anthracene
 Concen: 2.48 ng
 RT: 17.00 min Scan# 2436
 Delta R.T. -0.09 min
 Lab File: BG017689.D
 Acq: 15 Jun 2015 14:36

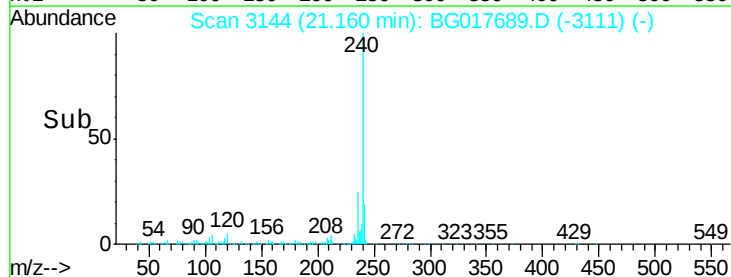
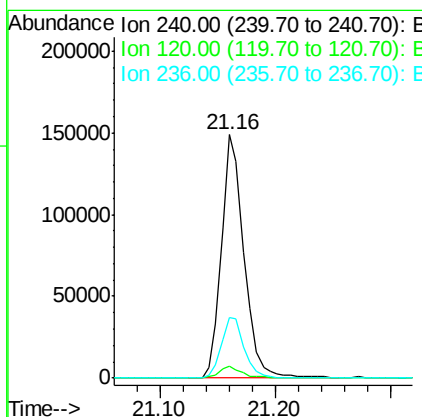
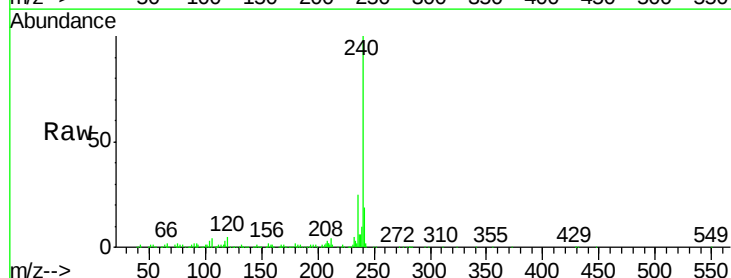
Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL

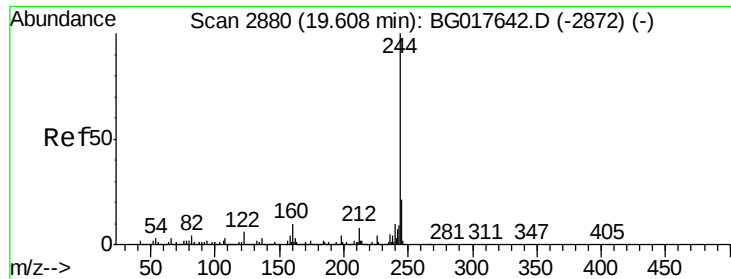
Tgt Ion:178 Resp: 19474
 Ion Ratio Lower Upper
 178 100
 176 17.2 14.8 22.2
 179 14.4 11.9 17.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG017689.D
 Acq: 15 Jun 2015 14:36

Tgt Ion:240 Resp: 201375
 Ion Ratio Lower Upper
 240 100
 120 5.1 3.5 5.3
 236 25.1 19.5 29.3





#78

Terphenyl-d14

Concen: 6.67 ng

RT: 19.61 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG017689.D

Acq: 15 Jun 2015 14:36

Instrument :

BNA_G

ClientSampleId :

MW-11CDL

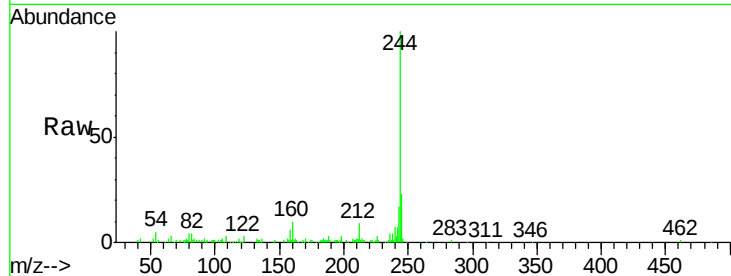
Tgt Ion:244 Resp: 64342

Ion Ratio Lower Upper

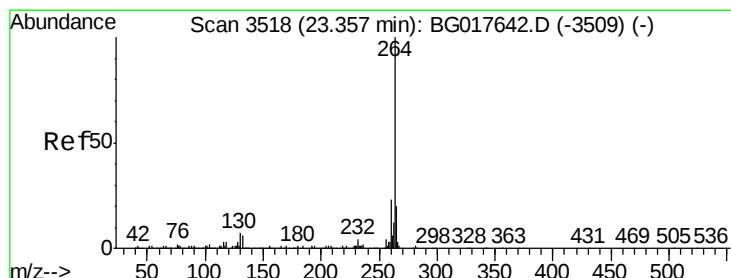
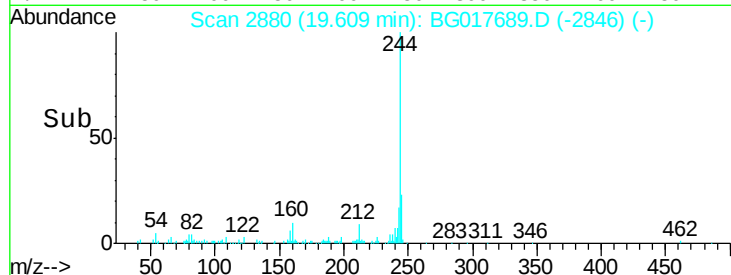
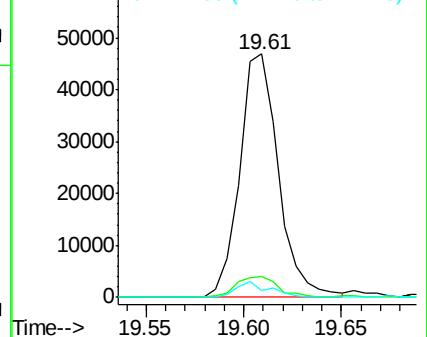
244 100

212 8.7 6.3 9.5

122 2.8 4.6 6.8#



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# 3519

Delta R.T. 0.01 min

Lab File: BG017689.D

Acq: 15 Jun 2015 14:36

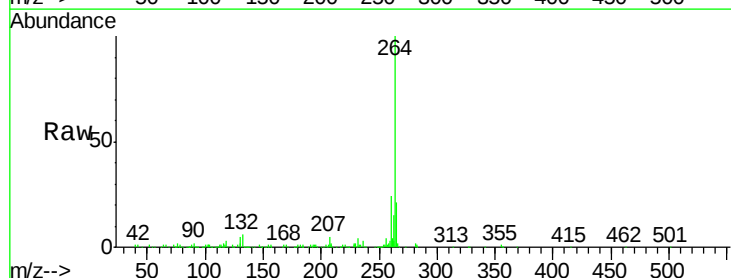
Tgt Ion:264 Resp: 203484

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.4 16.2 24.2



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

