

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
 Data File : BG017477.D
 Acq On : 5 Jun 2015 16:58
 Operator : TP/IZ
 Sample : G2501-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13-6-2-15

Quant Time: Jun 05 22:55:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 22:50:24 2015
 Response via : Initial Calibration

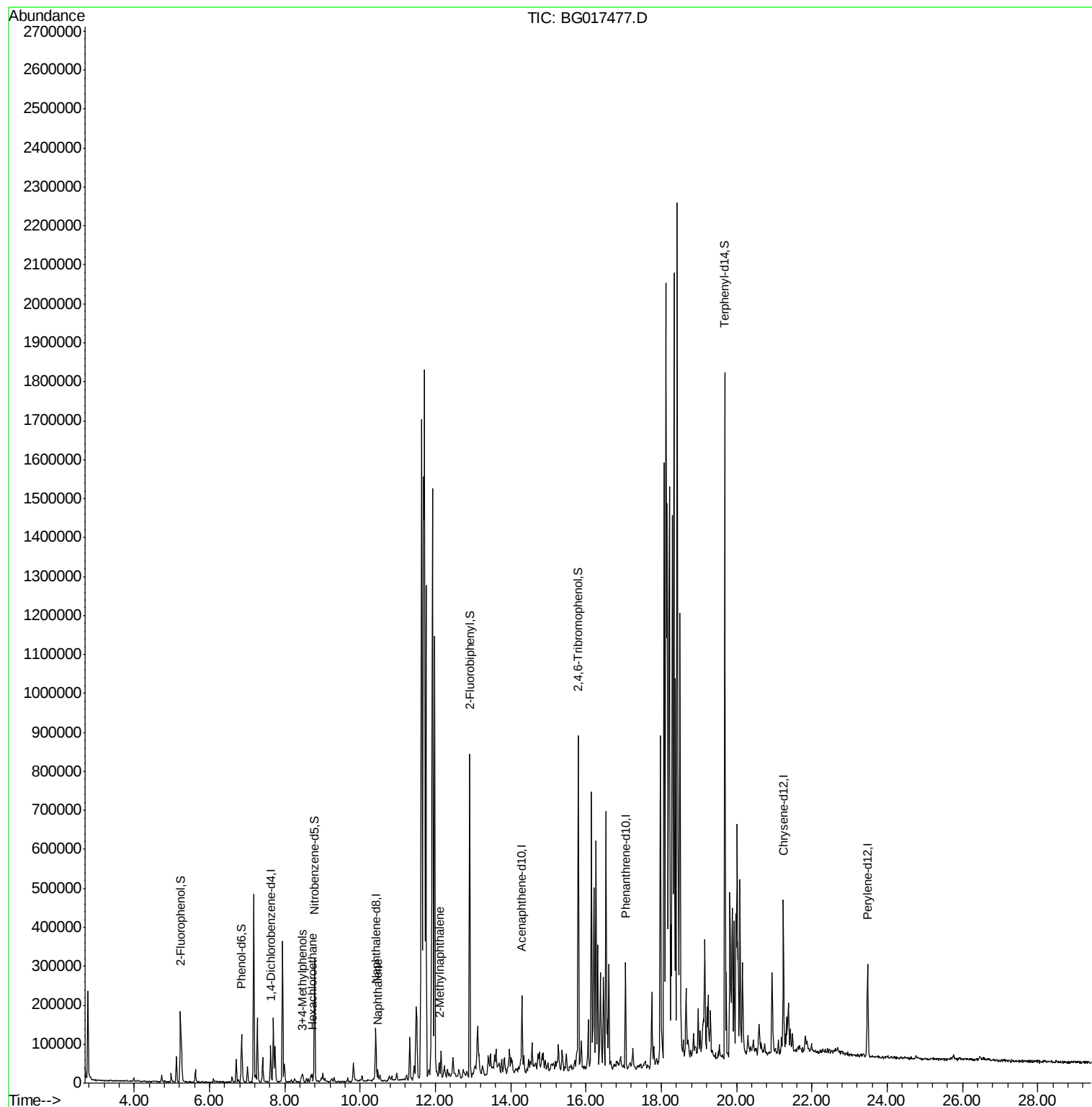
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	18803	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	82676	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	58431	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	131061	20.00	ng	0.00
75) Chrysene-d12	21.24	240	156694	20.00	ng	0.00
86) Perylene-d12	23.48	264	163247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	66895	62.68	ng	0.00
7) Phenol-d6	6.85	99	52681	36.23	ng	0.01
23) Nitrobenzene-d5	8.79	82	153026	92.40	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	117208	144.42	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	362556	93.60	ng	0.00
78) Terphenyl-d14	19.69	244	675093	89.05	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.73	117	2007	3.40	ng	# 1
20) 3+4-Methylphenols	8.45	107	11359	7.24	ng	# 80
31) Naphthalene	10.47	128	19208	4.45	ng	96
37) 2-Methylnaphthalene	12.10	142	10761	3.24	ng	95

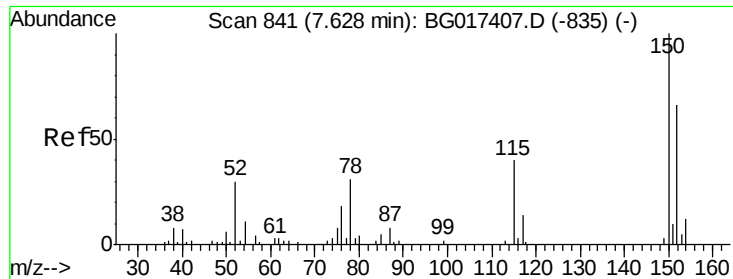
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017477.D
Acq On : 5 Jun 2015 16:58
Operator : TP/IZ
Sample : G2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-13-6-2-15

Quant Time: Jun 05 22:55:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 22:50:24 2015
Response via : Initial Calibration

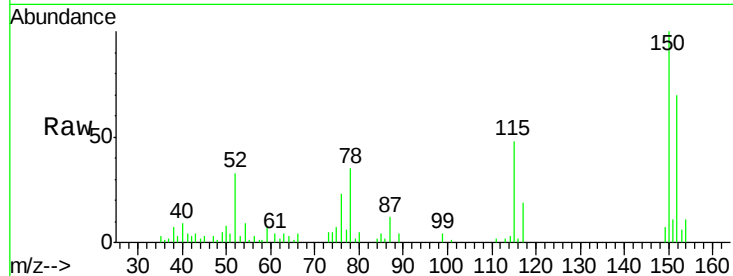




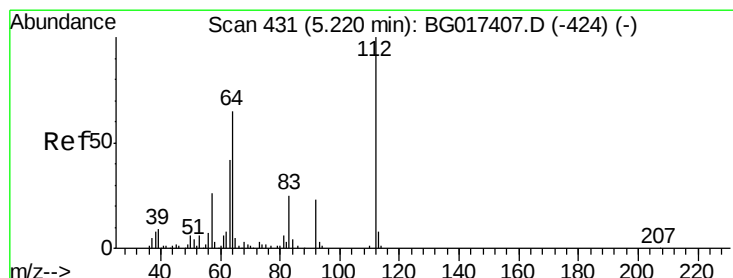
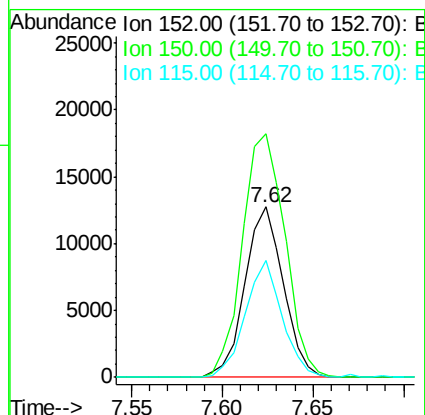
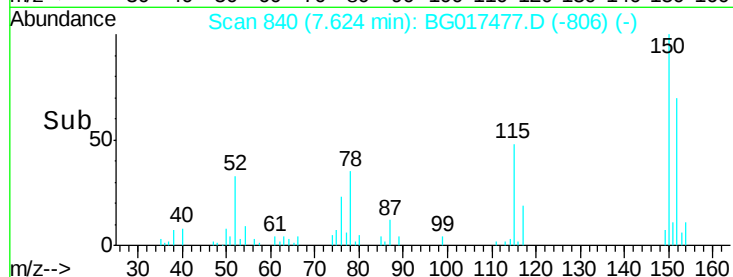
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.62 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BG017477.D
 Acq: 5 Jun 2015 16:58

Instrument :
 BNA_G
 ClientSampleId :
 MW-13-6-2-15

Tgt Ion:152 Resp: 18803
 Ion Ratio Lower Upper
 152 100
 150 142.8 121.7 182.5
 115 68.2 48.6 73.0

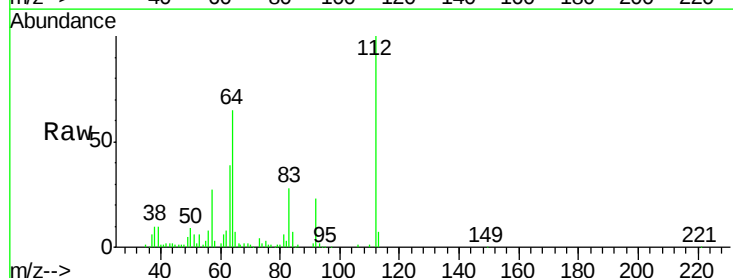


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

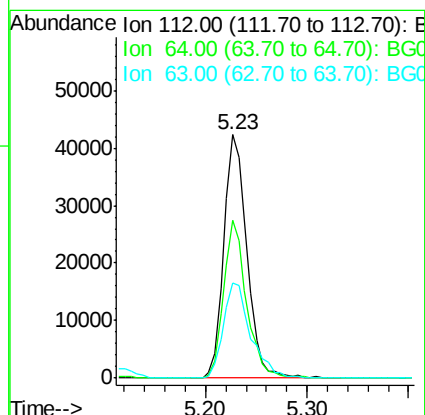
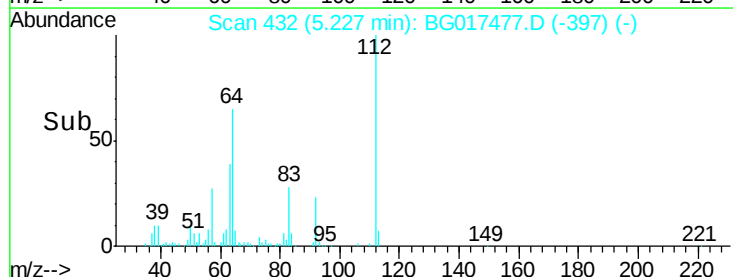


#5
 2-Fluorophenol
 Concen: 62.68 ng
 RT: 5.23 min Scan# 432
 Delta R.T. 0.01 min
 Lab File: BG017477.D
 Acq: 5 Jun 2015 16:58

Tgt Ion:112 Resp: 66895
 Ion Ratio Lower Upper
 112 100
 64 64.8 51.6 77.4
 63 39.2 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 36.23 ng

RT: 6.85 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG017477.D

Acq: 5 Jun 2015 16:58

Instrument :

BNA_G

ClientSampleId :

MW-13-6-2-15

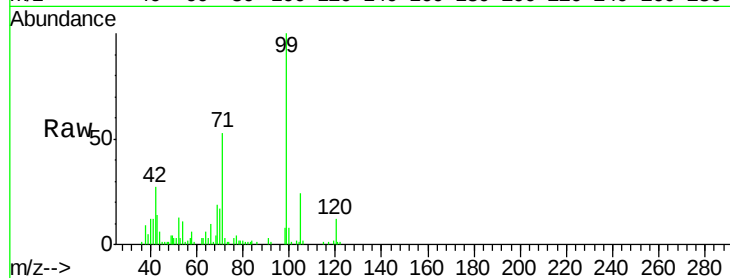
Tgt Ion: 99 Resp: 52681

Ion Ratio Lower Upper

99 100

42 27.4 21.0 31.6

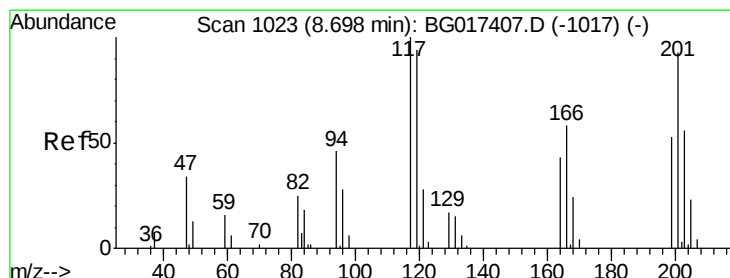
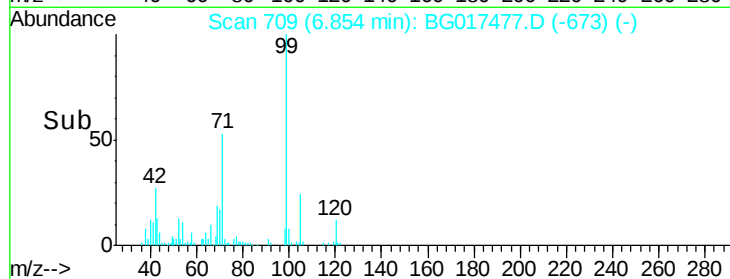
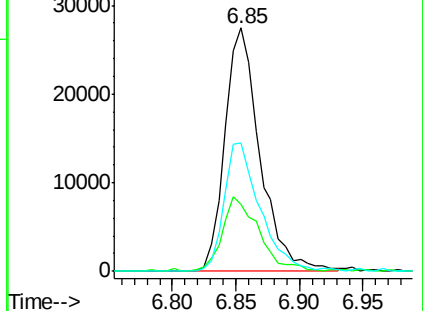
71 52.5 37.2 55.8



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



#18

Hexachloroethane

Concen: 3.40 ng

RT: 8.73 min Scan# 1028

Delta R.T. 0.03 min

Lab File: BG017477.D

Acq: 5 Jun 2015 16:58

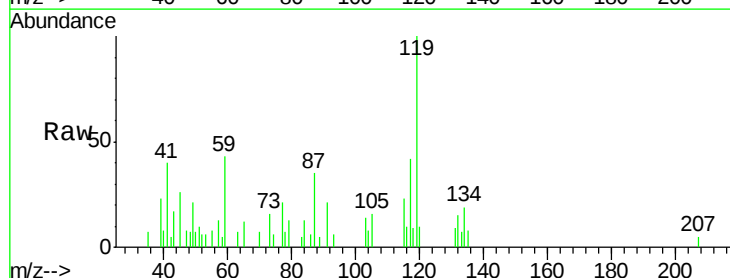
Tgt Ion: 117 Resp: 2007

Ion Ratio Lower Upper

117 100

119 237.9 75.0 112.4#

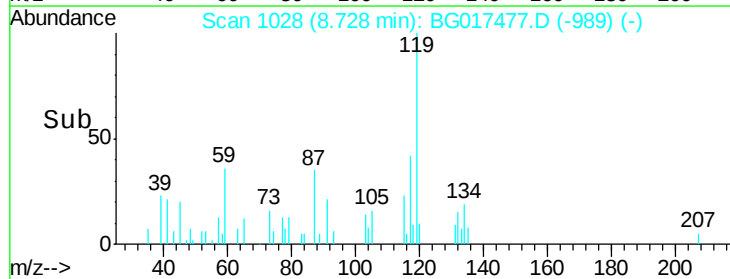
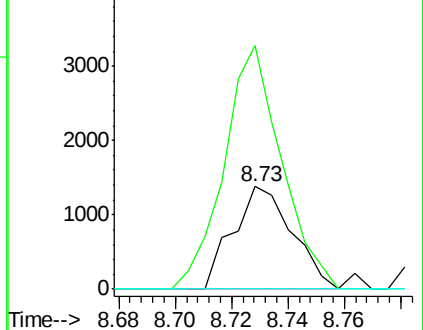
201 0.0 74.2 111.2#

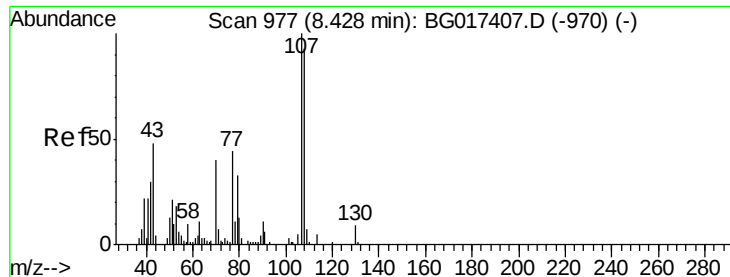


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

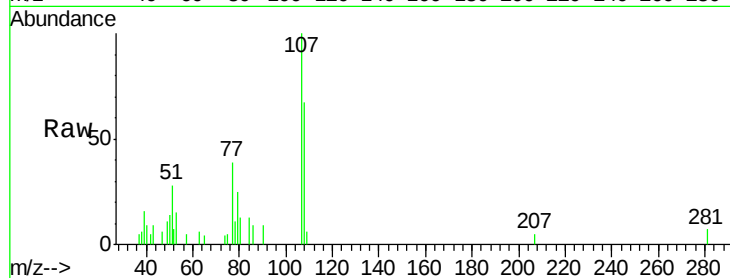




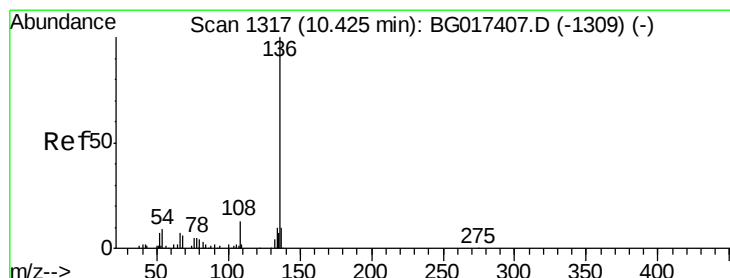
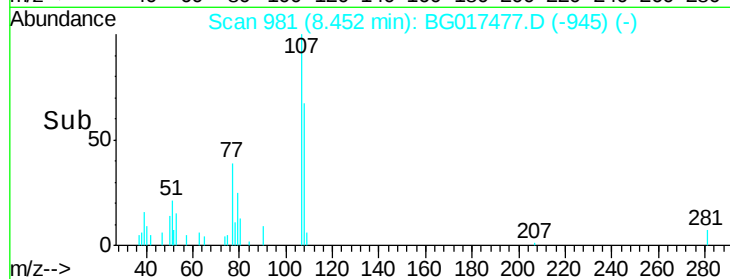
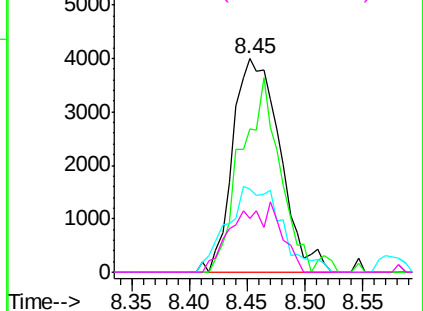
#20
 3+4-Methylphenols
 Concen: 7.24 ng
 RT: 8.45 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: BG017477.D
 Acq: 5 Jun 2015 16:58

Instrument :
 BNA_G
 ClientSampleId :
 MW-13-6-2-15

Tgt Ion:	107	Resp:	11359
Ion	Ratio	Lower	Upper
107	100		
108	67.1	73.0	113.0#
77	38.9	23.9	63.9
79	25.4	13.4	53.4

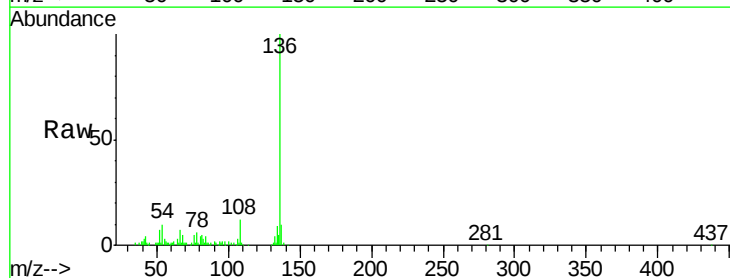


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BGC
 Ion 79.00 (78.70 to 79.70): BGC

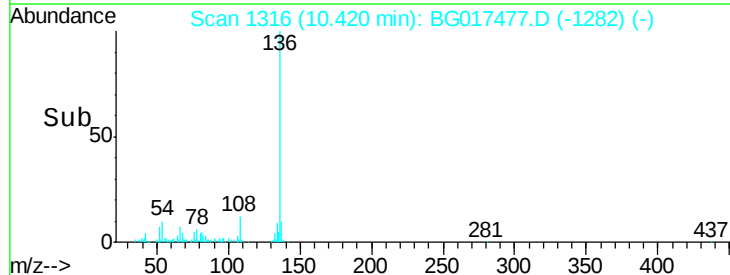
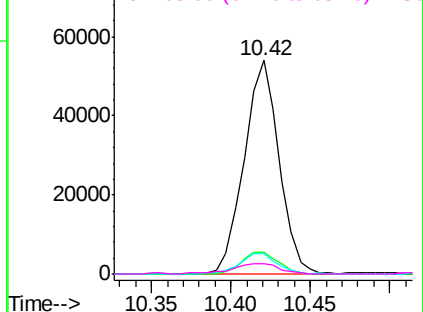


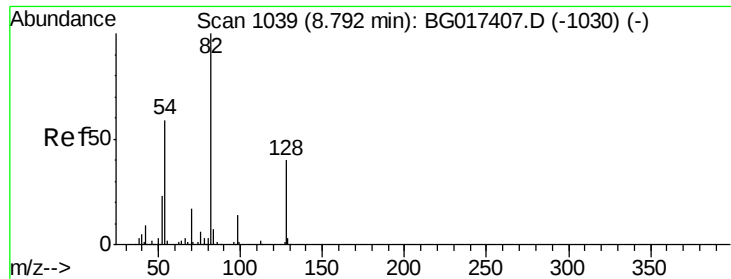
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.42 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BG017477.D
 Acq: 5 Jun 2015 16:58

Tgt Ion:	136	Resp:	82676
Ion	Ratio	Lower	Upper
136	100		
137	9.9	7.9	11.9
54	9.5	7.2	10.8
68	4.7	4.5	6.7



Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BGC
 Ion 68.00 (67.70 to 68.70): BGC

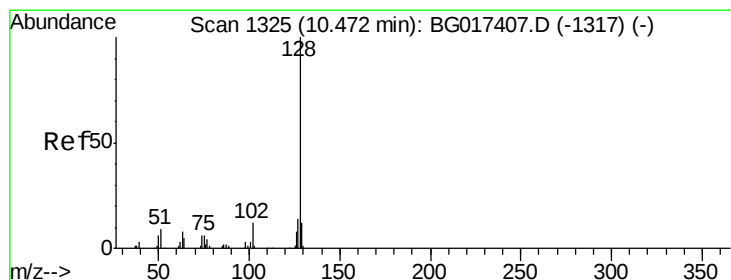
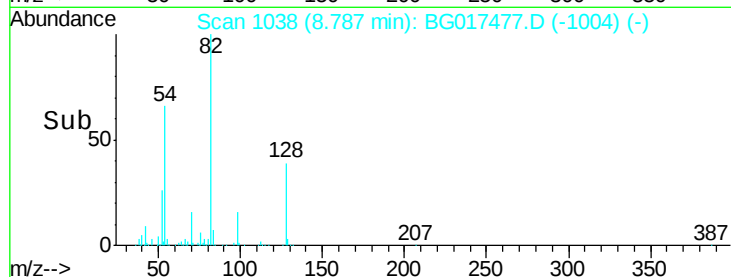
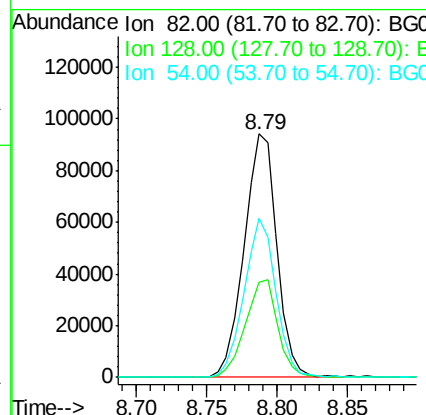
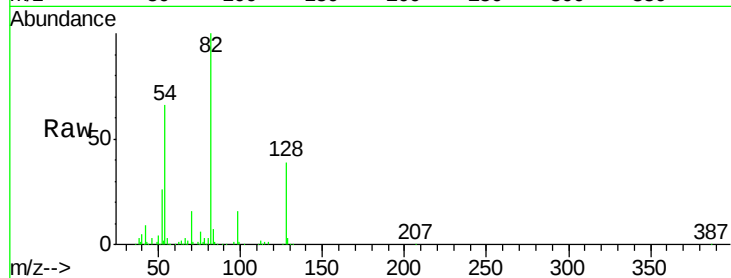




#23
Nitrobenzene-d5
Concen: 92.40 ng
RT: 8.79 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

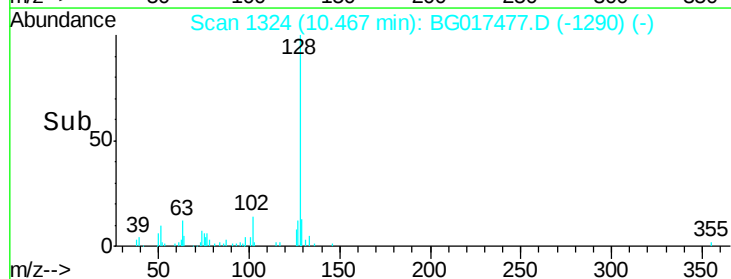
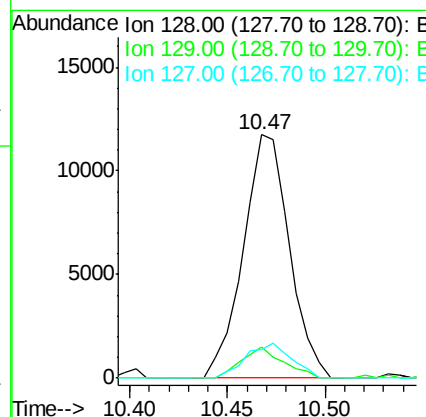
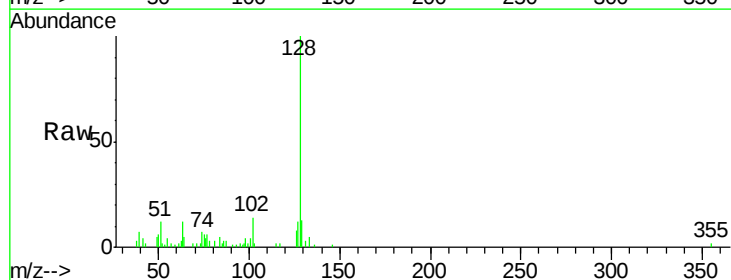
Instrument :
BNA_G
ClientSampleId :
MW-13-6-2-15

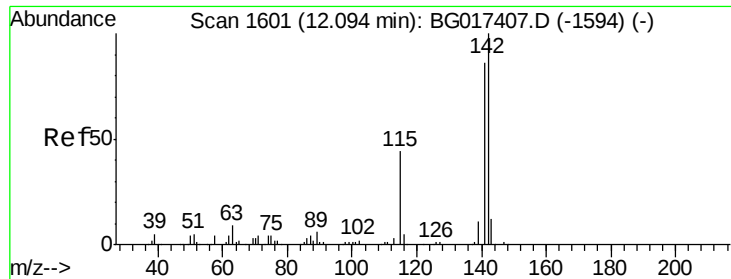
Tgt Ion: 82 Resp: 153026
Ion Ratio Lower Upper
82 100
128 39.1 32.2 48.4
54 65.6 47.4 71.2



#31
Naphthalene
Concen: 4.45 ng
RT: 10.47 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Tgt Ion: 128 Resp: 19208
Ion Ratio Lower Upper
128 100
129 13.0 9.2 13.8
127 11.9 10.9 16.3

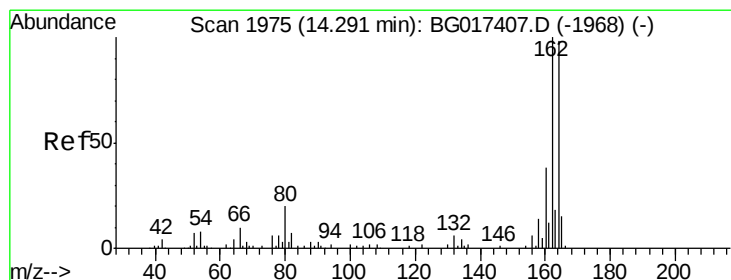
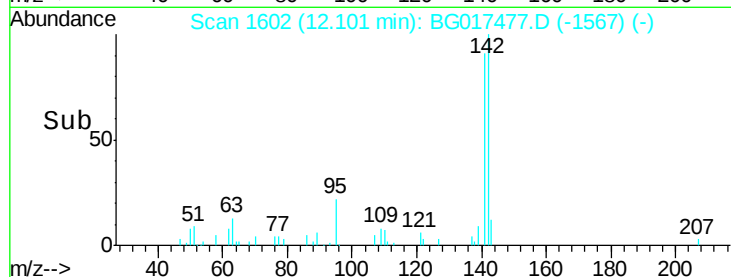
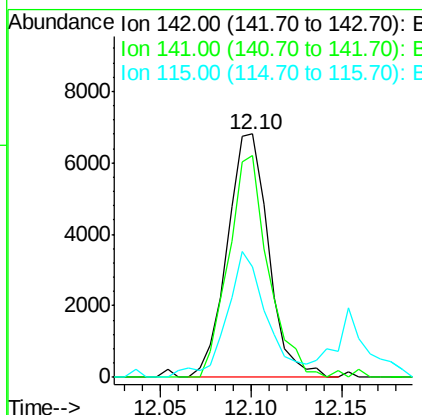
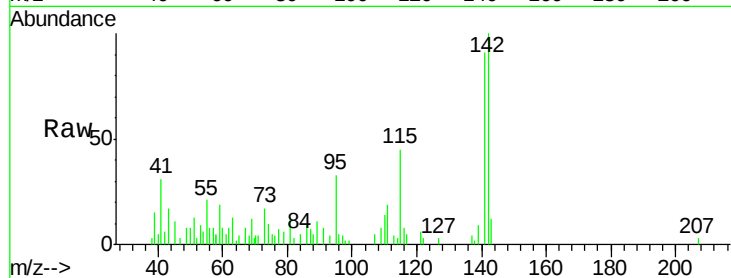




#37
2-Methylnaphthalene
Concen: 3.24 ng
RT: 12.10 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

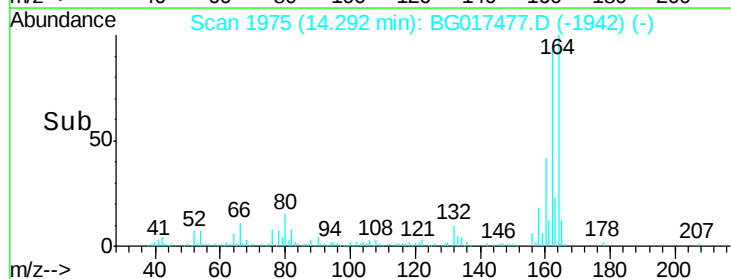
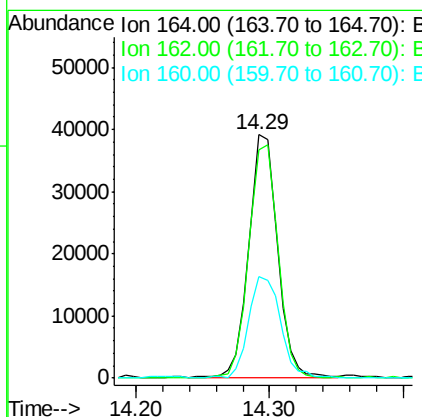
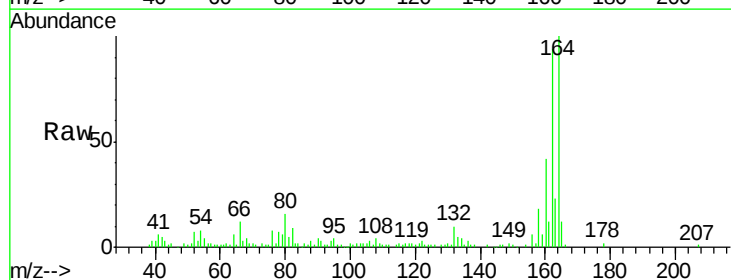
Instrument :
BNA_G
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MW-13-6-2-15

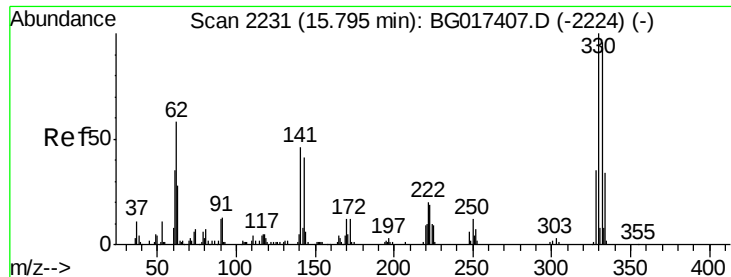
Tgt Ion:142 Resp: 10761
Ion Ratio Lower Upper
142 100
141 91.2 68.6 102.8
115 45.3 35.3 52.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

Tgt Ion:164 Resp: 58431
Ion Ratio Lower Upper
164 100
162 93.6 81.8 122.6
160 41.6 31.0 46.4

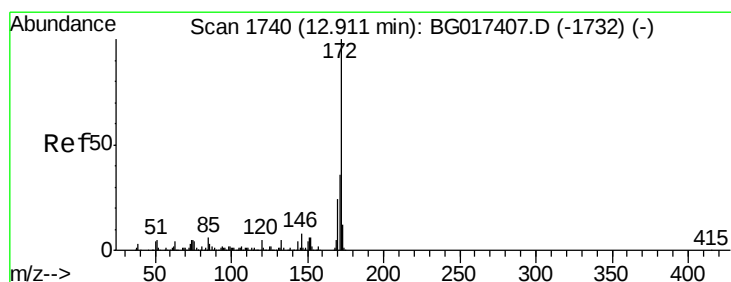
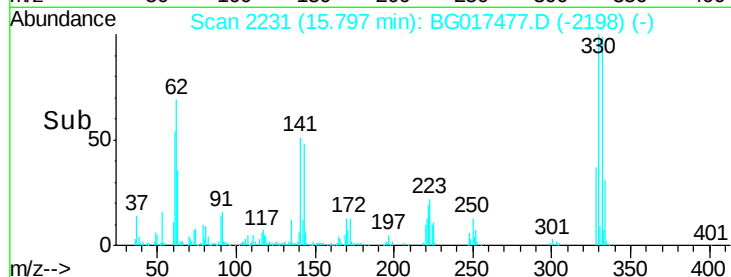
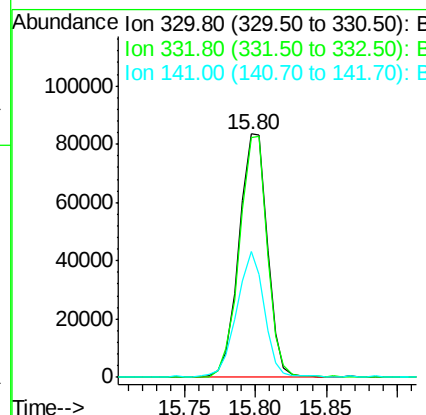
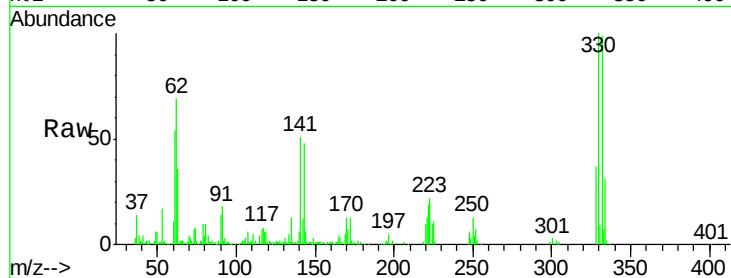




#41
 2,4,6-Tribromophenol
 Concen: 144.42 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. -0.00 min
 Lab File: BG017477.D
 Acq: 5 Jun 2015 16:58

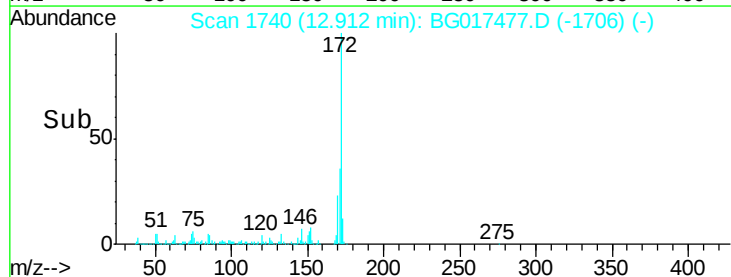
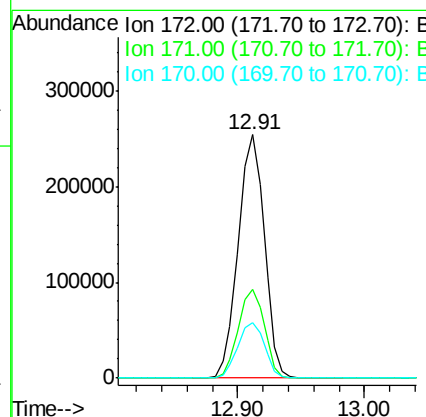
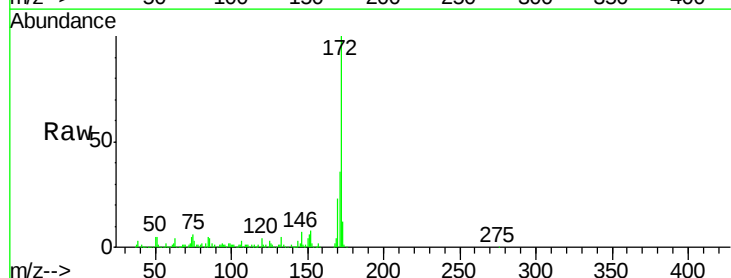
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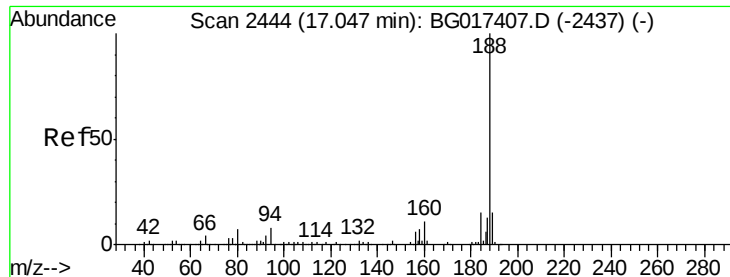
Tgt Ion:330 Resp: 117208
 Ion Ratio Lower Upper
 330 100
 332 97.8 75.9 113.9
 141 50.4 40.2 60.4



#44
 2-Fluorobiphenyl
 Concen: 93.60 ng
 RT: 12.91 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: BG017477.D
 Acq: 5 Jun 2015 16:58

Tgt Ion:172 Resp: 362556
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 23.0 18.9 28.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.05 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG017477.D

Acq: 5 Jun 2015 16:58

Instrument :

BNA_G

ClientSampleId :

MW-13-6-2-15

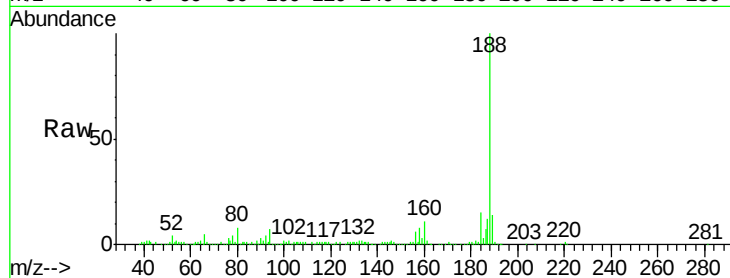
Tgt Ion:188 Resp: 131061

Ion Ratio Lower Upper

188 100

94 6.8 6.3 9.5

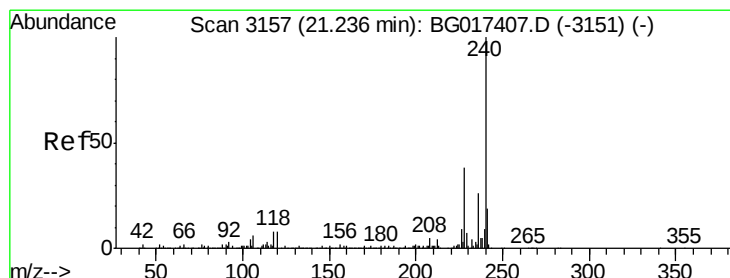
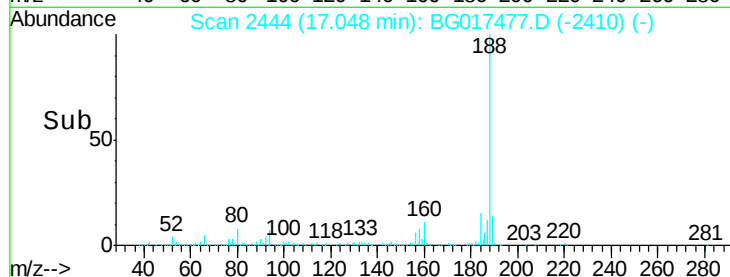
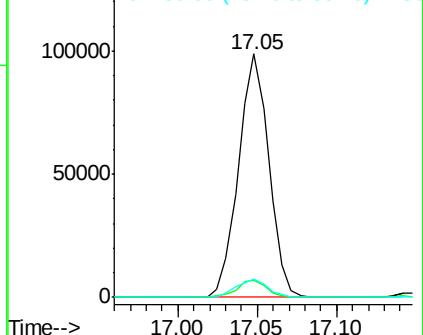
80 7.6 5.2 7.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG017477.D

Acq: 5 Jun 2015 16:58

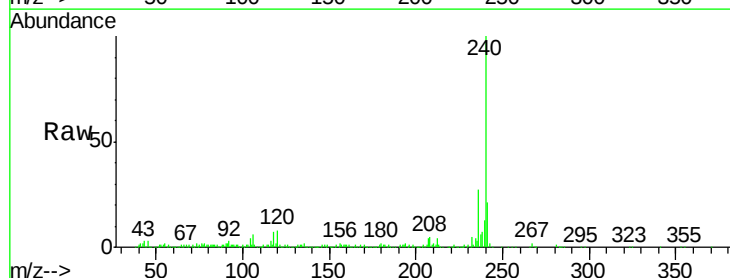
Tgt Ion:240 Resp: 156694

Ion Ratio Lower Upper

240 100

120 8.1 6.5 9.7

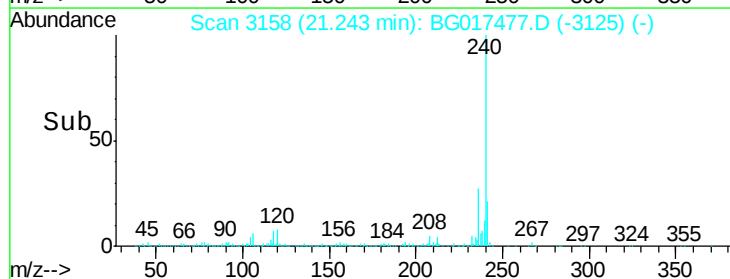
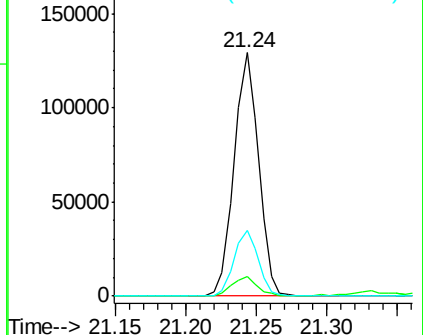
236 26.9 20.8 31.2

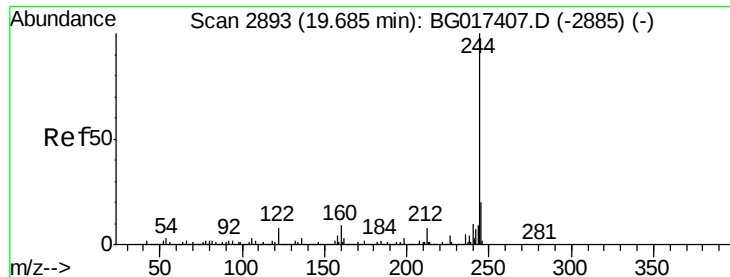


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.05 ng

RT: 19.69 min Scan# 2894

Delta R.T. 0.00 min

Lab File: BG017477.D

Acq: 5 Jun 2015 16:58

Instrument :

BNA_G

ClientSampleId :

MW-13-6-2-15

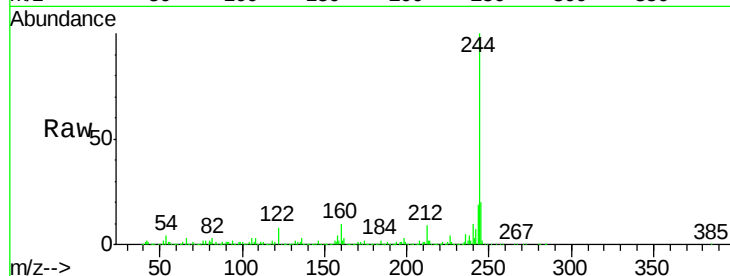
Tgt Ion:244 Resp: 675093

Ion Ratio Lower Upper

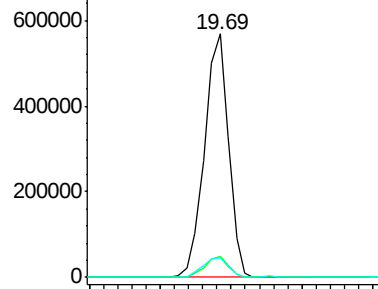
244 100

212 8.6 6.4 9.6

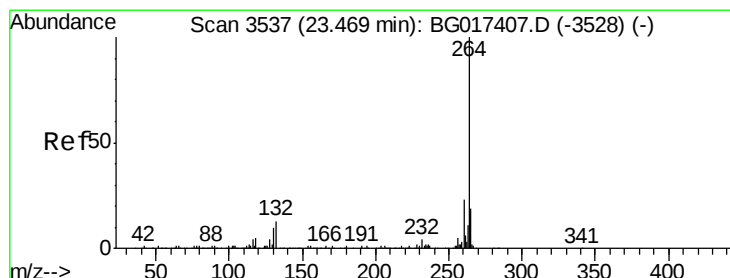
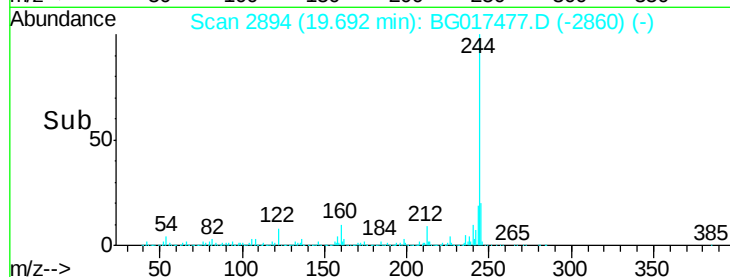
122 8.0 6.6 10.0



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



Time--> 19.60 19.65 19.70 19.75



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.48 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG017477.D

Acq: 5 Jun 2015 16:58

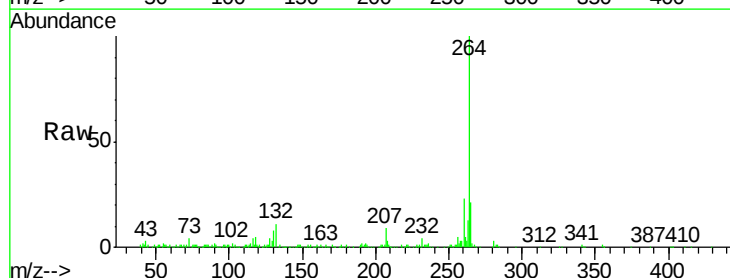
Tgt Ion:264 Resp: 163247

Ion Ratio Lower Upper

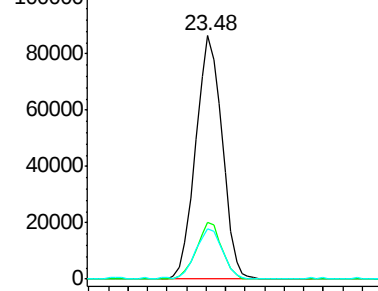
264 100

260 23.2 18.2 27.4

265 20.9 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



Time--> 23.40 23.50 23.60

