

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 23:28:10 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

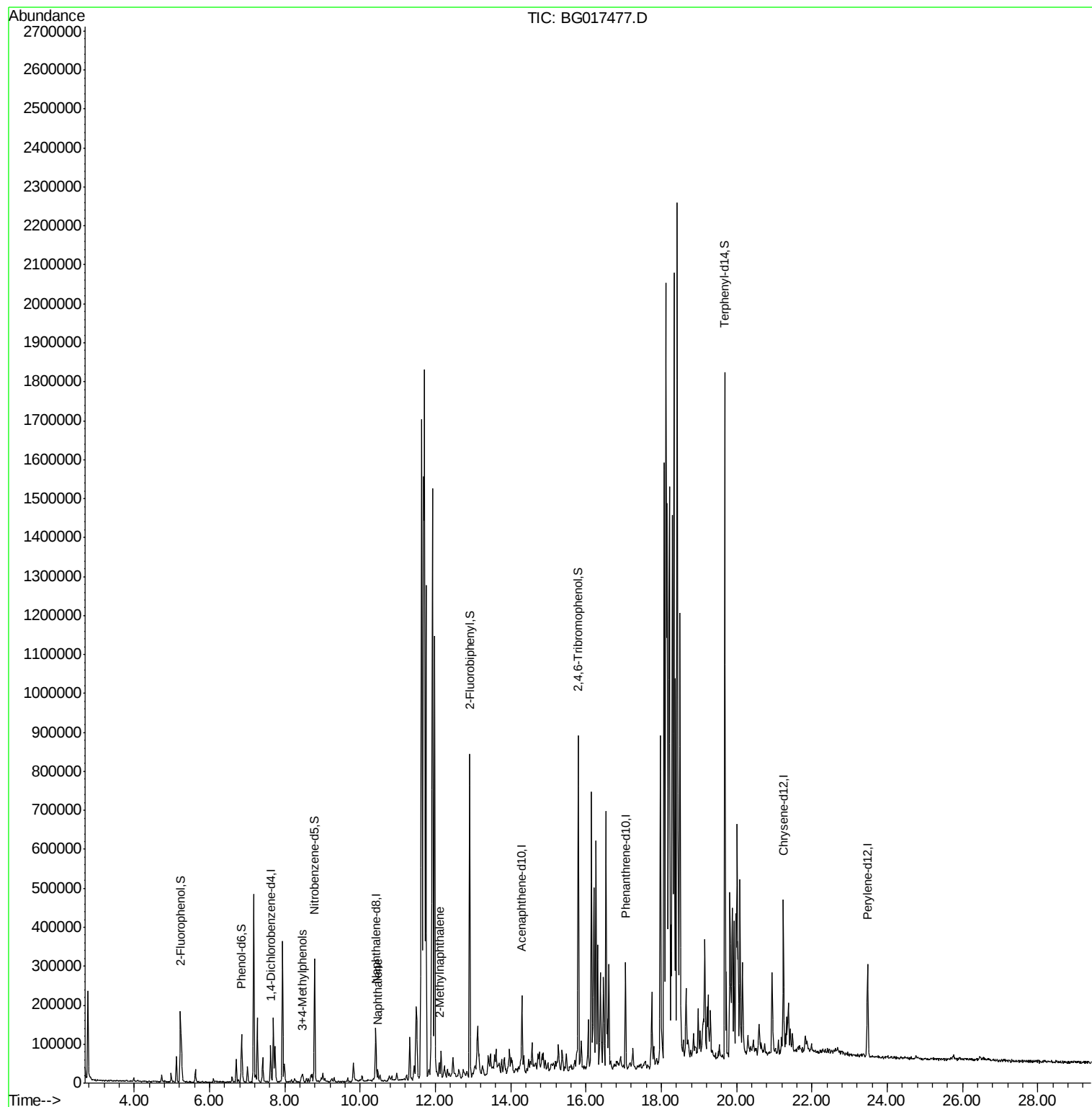
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	18803	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	82676	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	58431	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	131061	20.00	ng	0.00
75) Chrysene-d12	21.24	240	156694	20.00	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						
20) 3+4-Methylphenols	8.45	107	11359	7.24	ng	Qvalue # 80
31) Naphthalene	10.47	128	19208	4.45	ng	96
37) 2-Methylnaphthalene	12.10	142	10761	3.24	ng	95

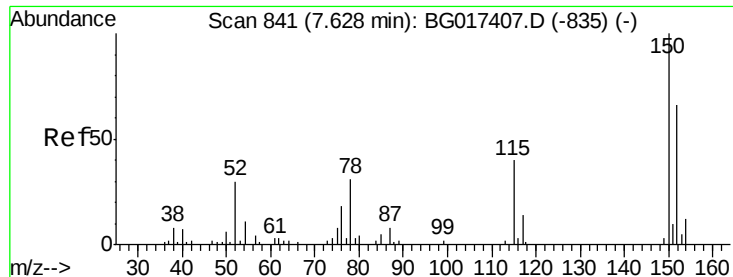
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 23:28:10 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

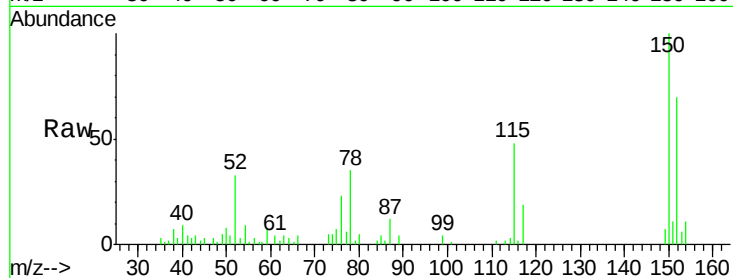
Tgt Ion:152 Resp: 18803

Ion Ratio Lower Upper

152 100

150 142.8 121.7 182.5

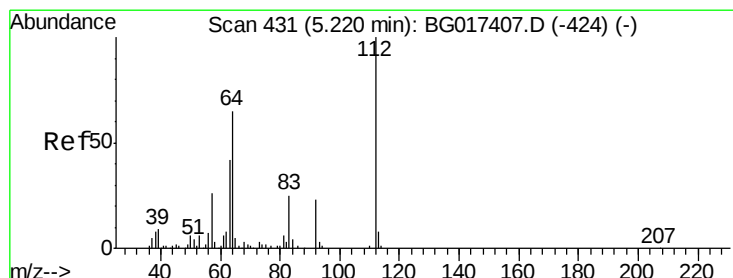
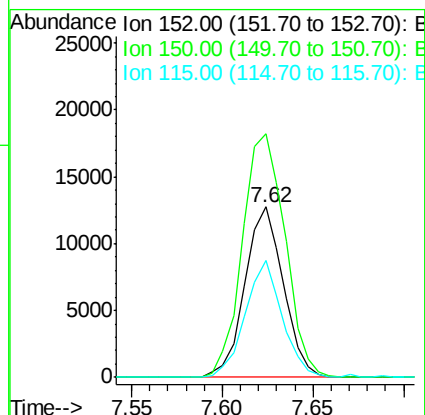
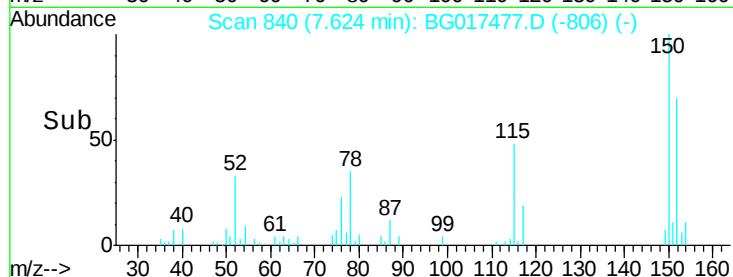
115 68.2 48.6 73.0



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

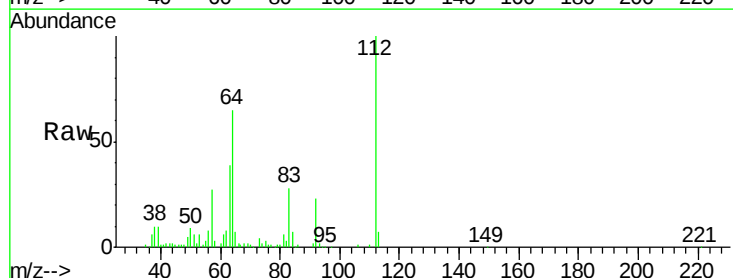
Tgt Ion:112 Resp: 66895

Ion Ratio Lower Upper

112 100

64 64.8 51.6 77.4

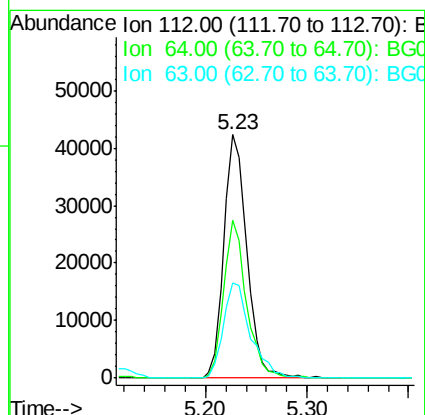
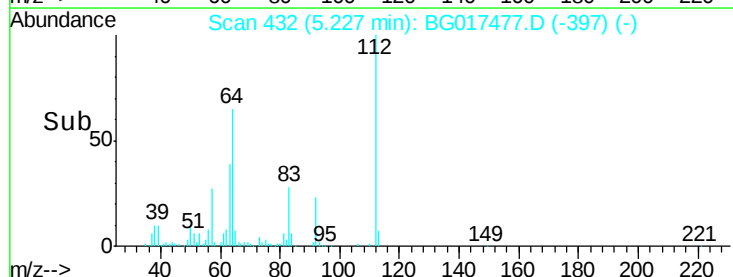
63 39.2 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#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

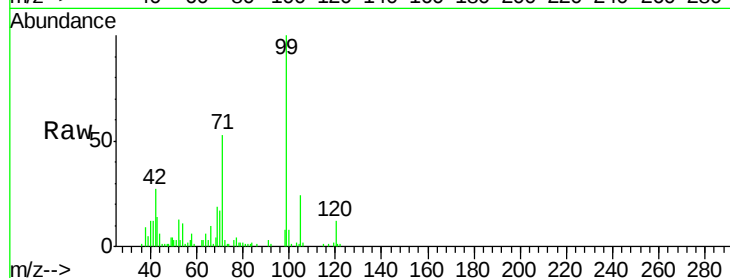
Tgt Ion: 99 Resp: 52681

Ion Ratio Lower Upper

99 100

42 27.4 21.0 31.6

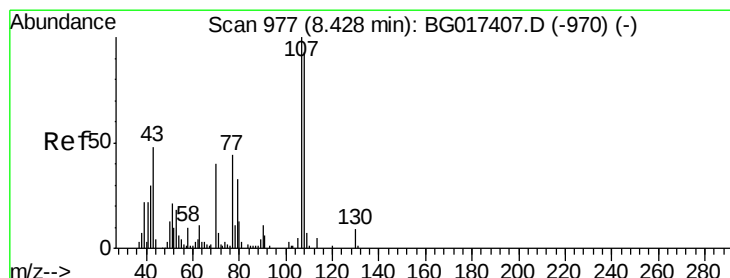
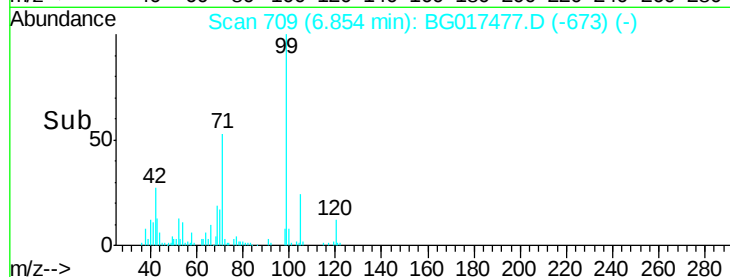
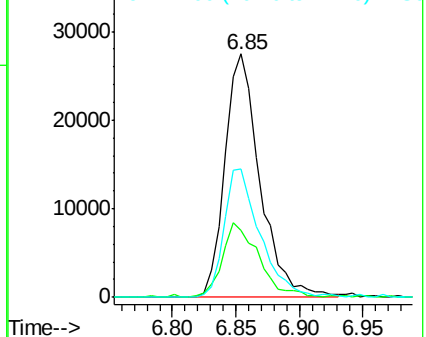
71 52.5 37.2 55.8



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



#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

Tgt Ion: 107 Resp: 11359

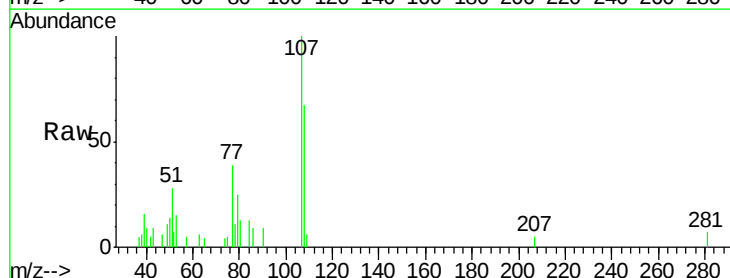
Ion Ratio Lower Upper

107 100

108 67.1 73.0 113.0#

77 38.9 23.9 63.9

79 25.4 13.4 53.4

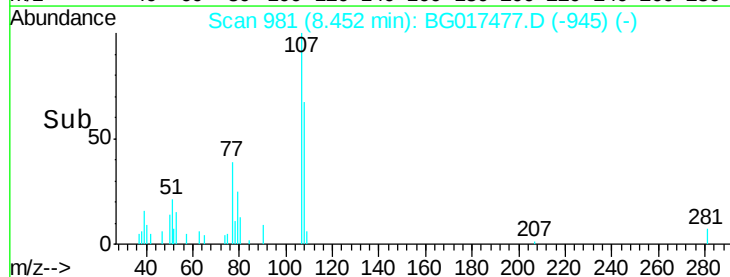
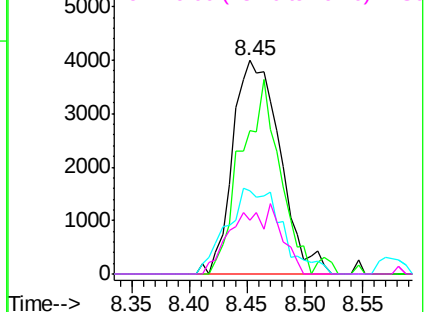


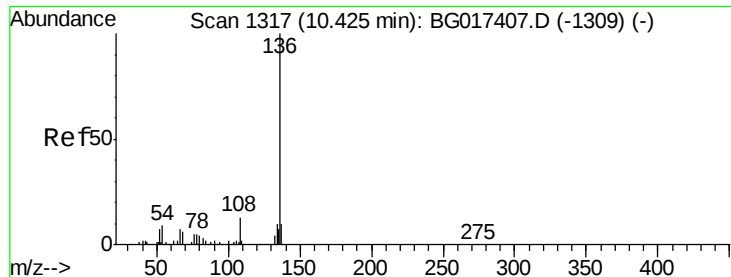
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

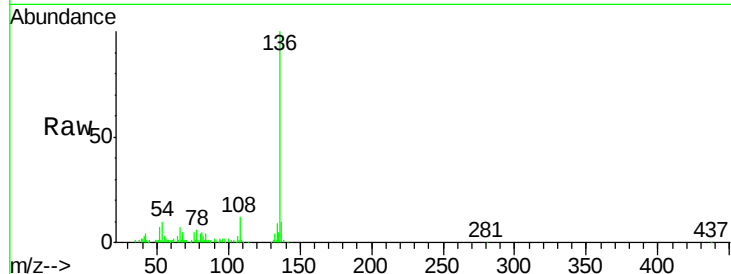




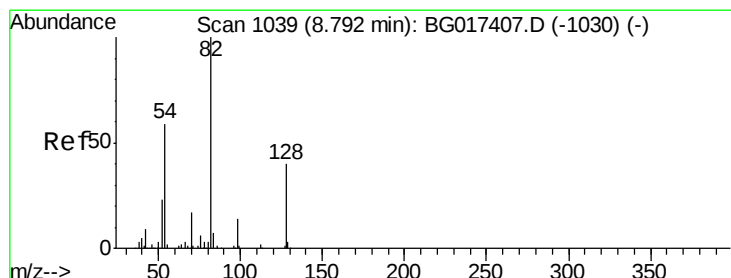
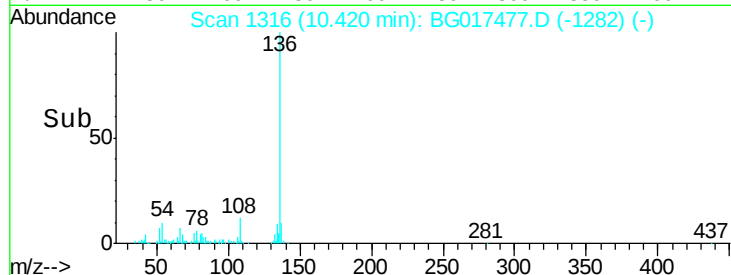
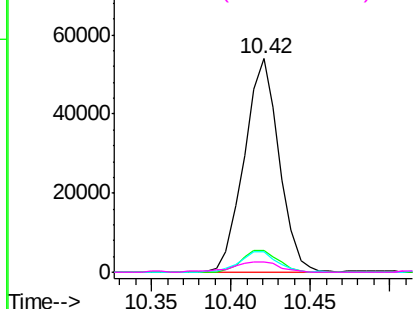
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

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

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

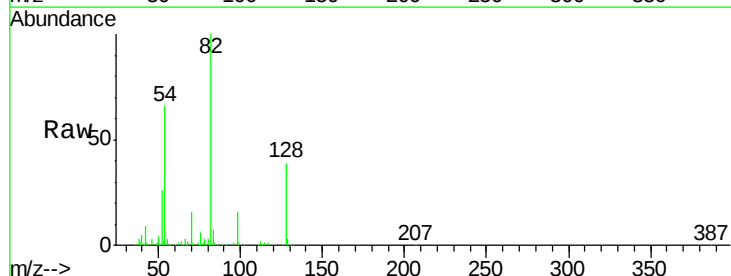


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

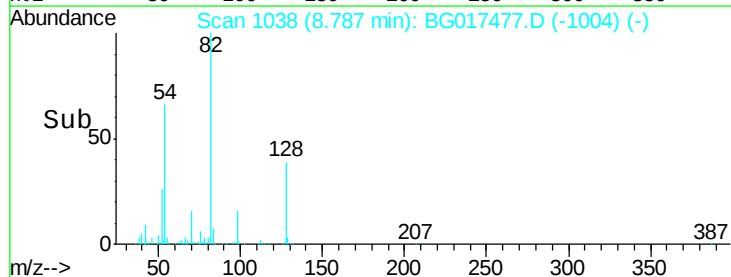
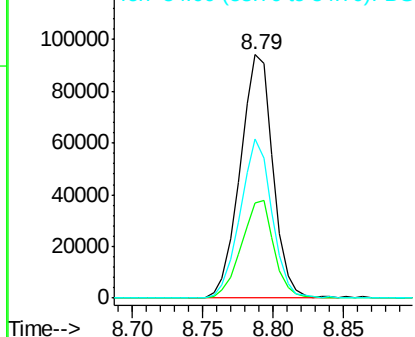


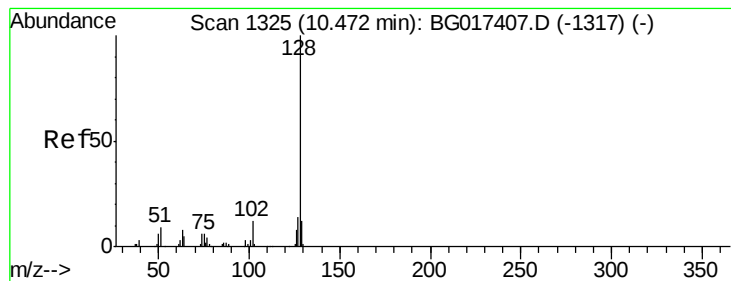
#23
Nitrobenzene-d5
Concen: 92.40 ng
RT: 8.79 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

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



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

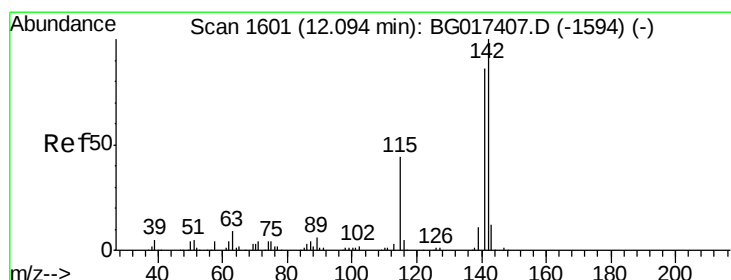
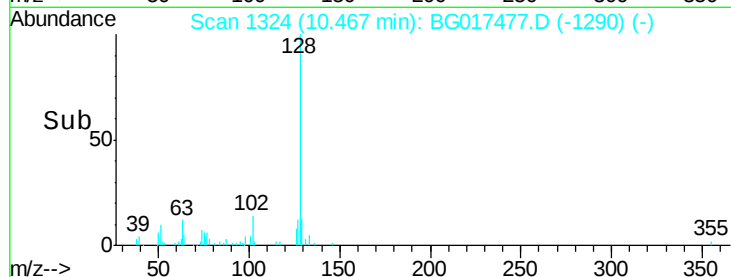
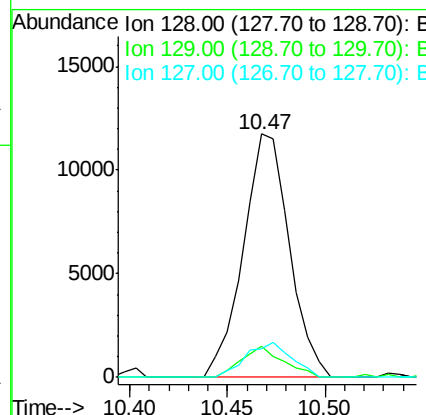
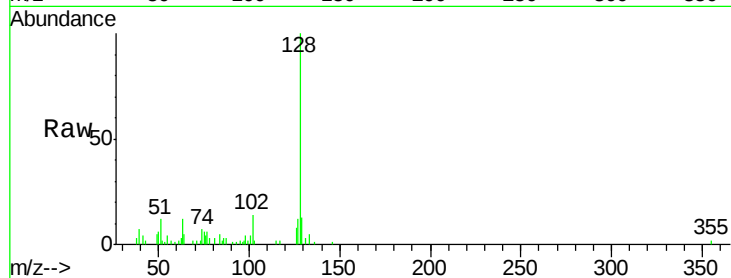




#31
Naphthalene
Concen: 4.45 ng
RT: 10.47 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

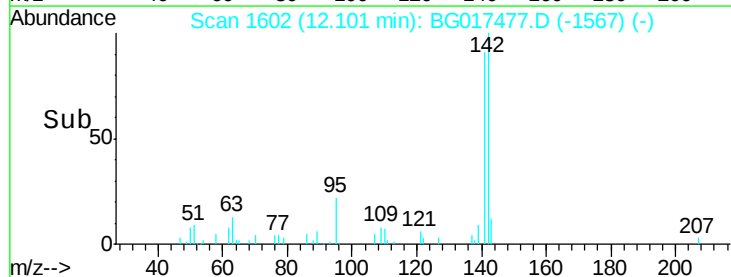
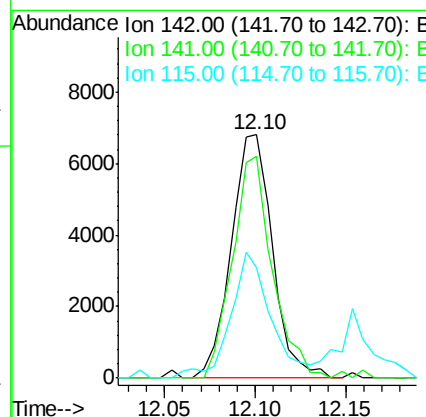
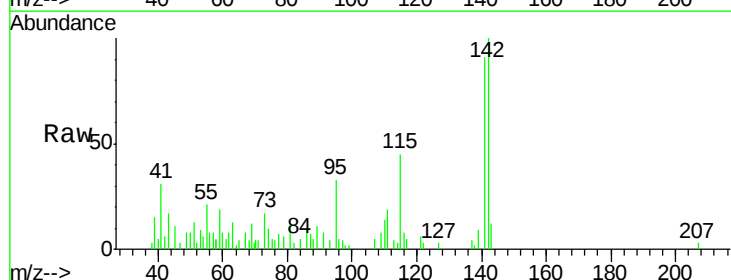
Instrument :
BNA_G
ClientSampleId :
MW-13-6-2-15

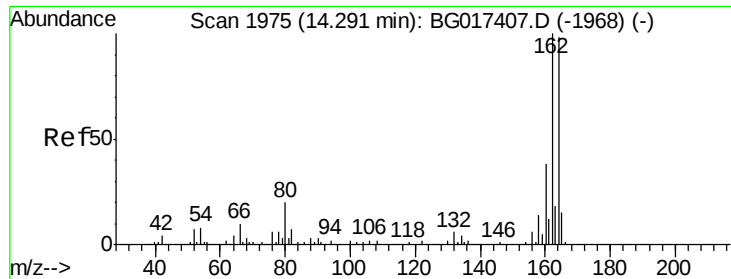
Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.2	13.8
127	11.9	10.9	16.3



#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

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

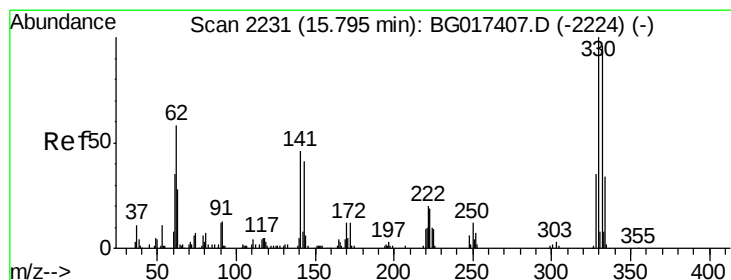
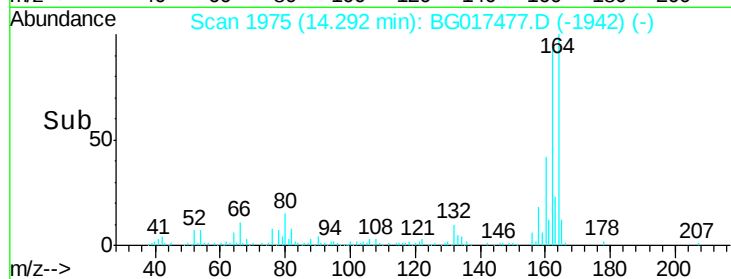
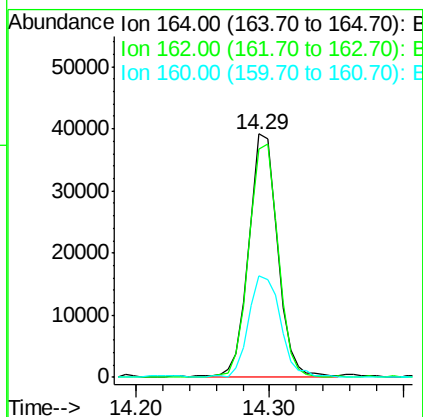
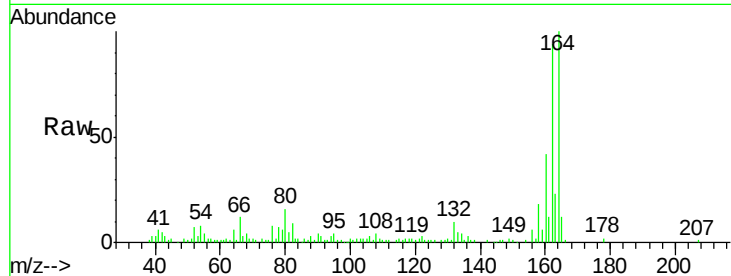




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

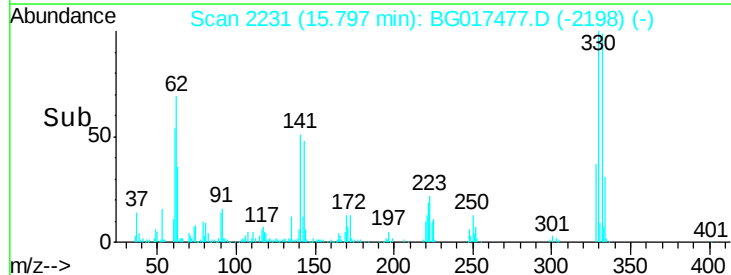
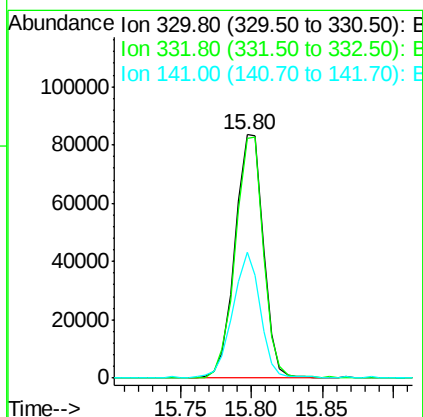
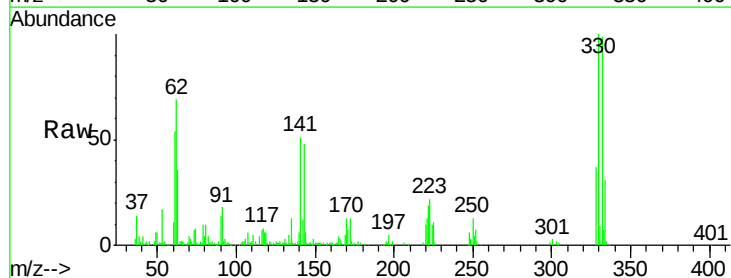
Instrument :
BNA_G
ClientSampleId :
MW-13-6-2-15

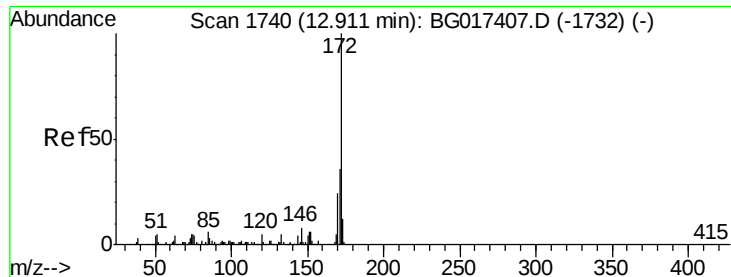
Tgt Ion:164 Resp: 58431
Ion Ratio Lower Upper
164 100
162 93.6 81.8 122.6
160 41.6 31.0 46.4



#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

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

Instrument :

BNA_G

ClientSampleId :

MW-13-6-2-15

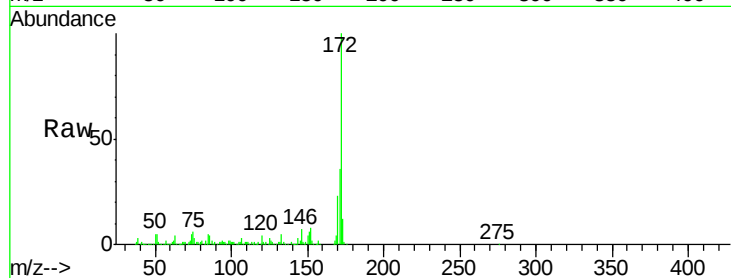
Tgt Ion:172 Resp: 362556

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

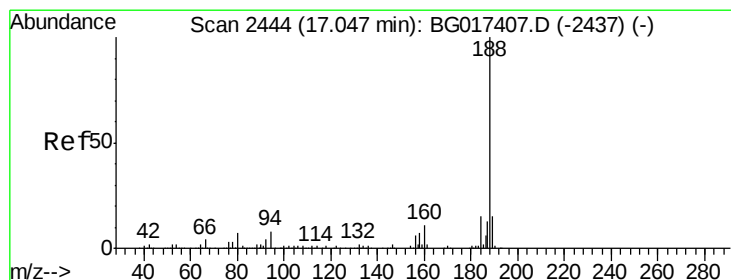
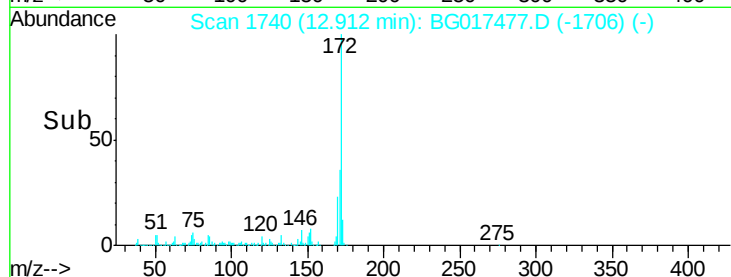
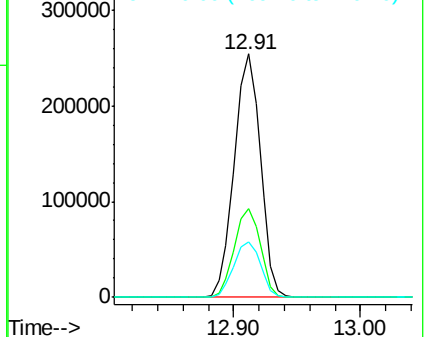
170 23.0 18.9 28.3



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



#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

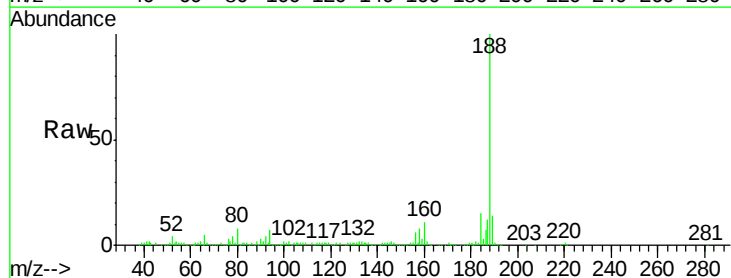
Tgt Ion:188 Resp: 131061

Ion Ratio Lower Upper

188 100

94 6.8 6.3 9.5

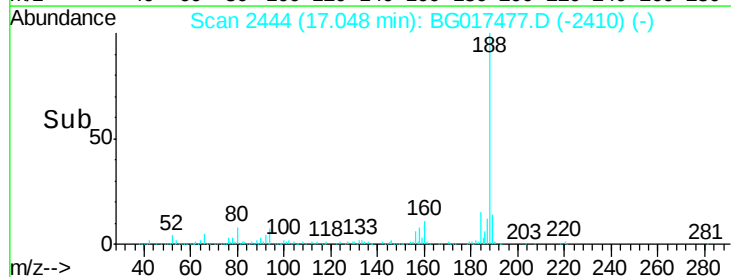
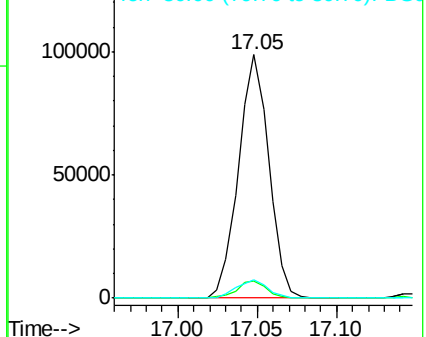
80 7.6 5.2 7.8

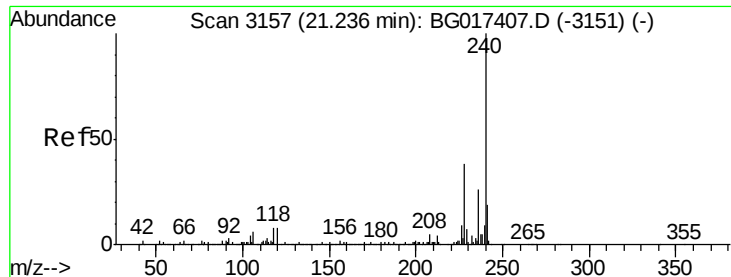


Abundance Ion 188.00 (187.70 to 188.70): E

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

Instrument :

BNA_G

ClientSampleId :

MW-13-6-2-15

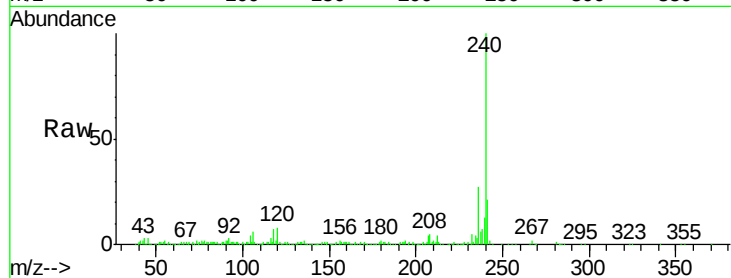
Tgt Ion:240 Resp: 156694

Ion Ratio Lower Upper

240 100

120 8.1 6.5 9.7

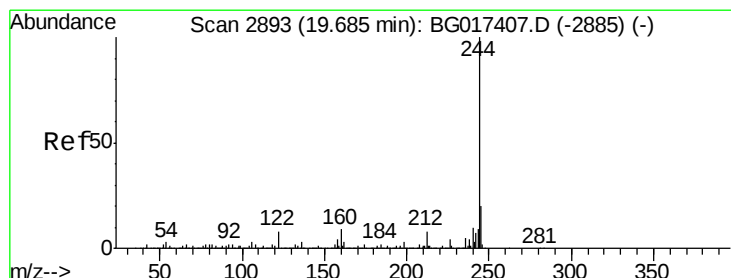
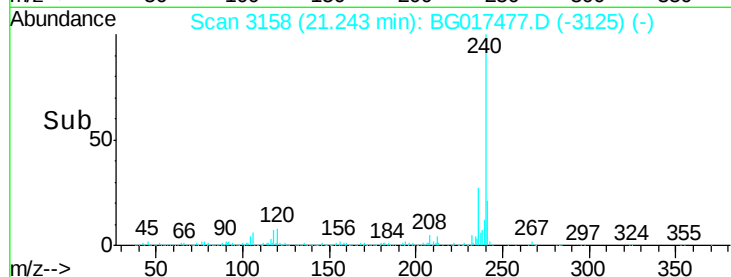
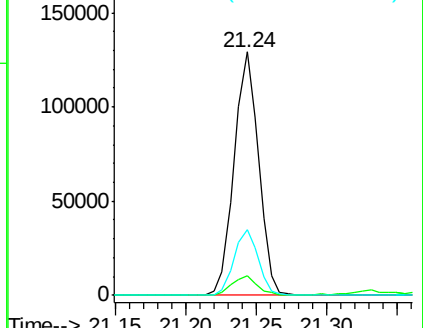
236 26.9 20.8 31.2



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

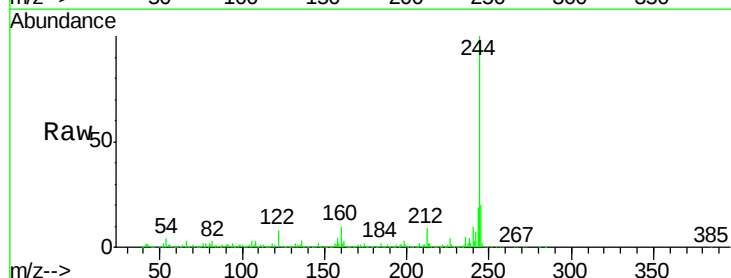
Tgt Ion:244 Resp: 675093

Ion Ratio Lower Upper

244 100

212 8.6 6.4 9.6

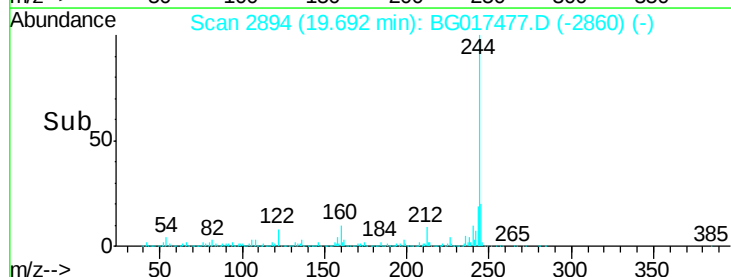
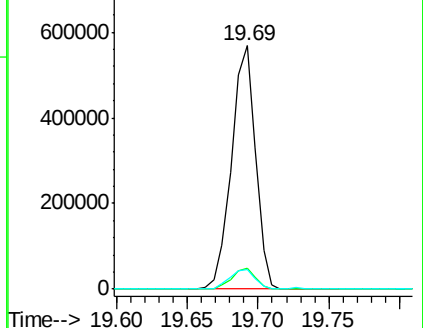
122 8.0 6.6 10.0

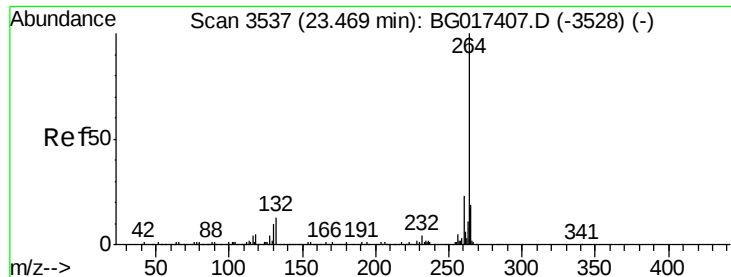


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

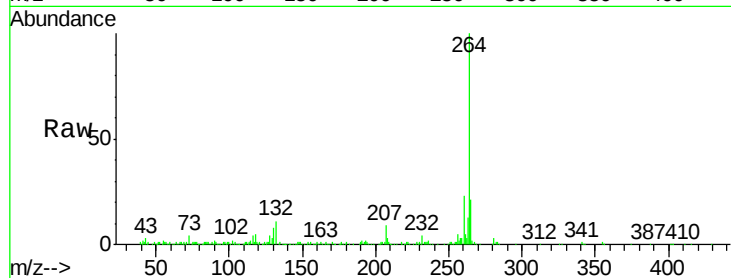




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.48 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG017477.D
Acq: 5 Jun 2015 16:58

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

Tgt 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

