

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017647.D
 Acq On : 12 Jun 2015 21:18
 Operator : TP/IZ
 Sample : G2627-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-40

Quant Time: Jun 13 04:47:32 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

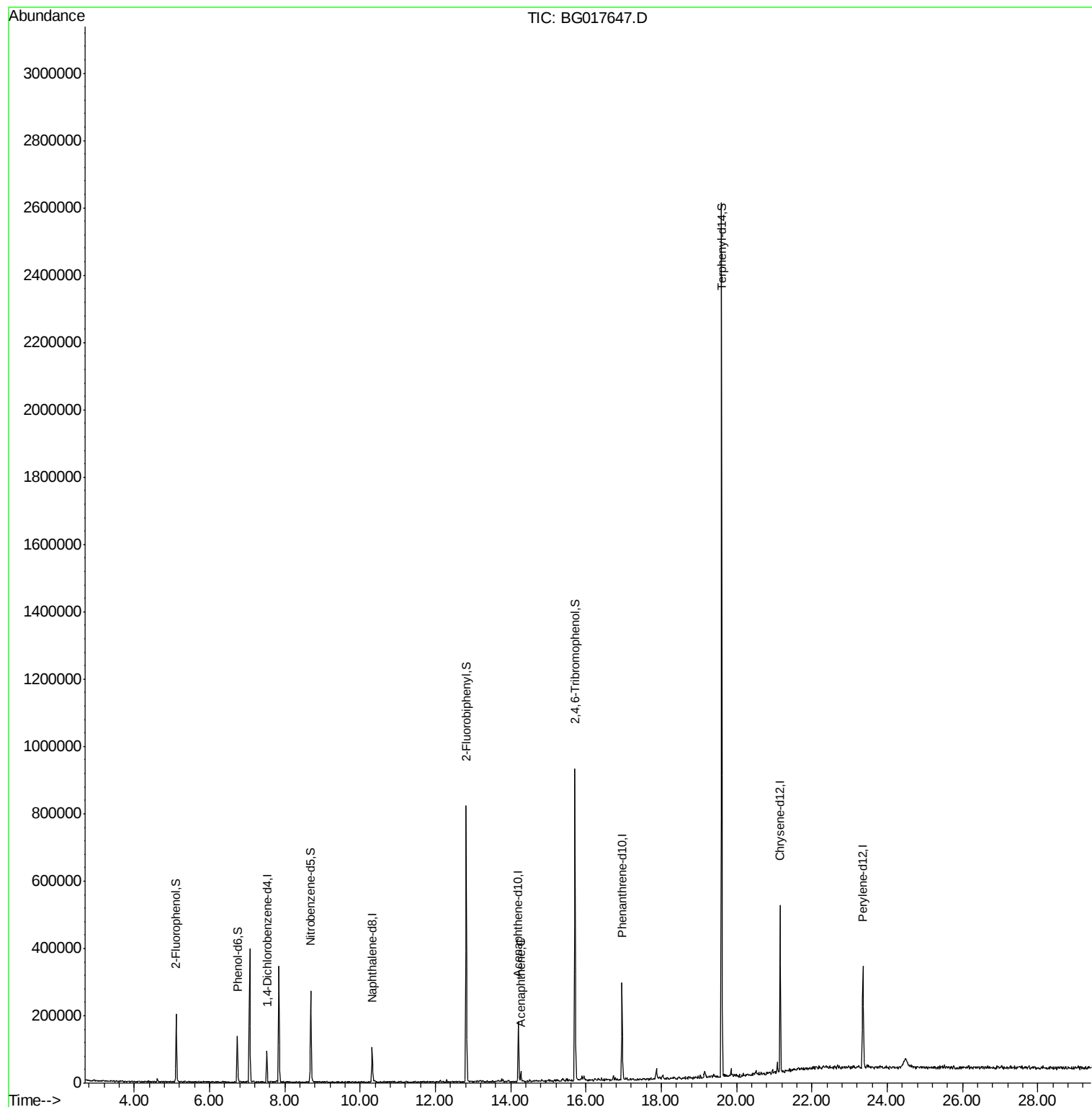
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	17133	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	67343	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	50543	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	146114	20.00	ng	0.00
75) Chrysene-d12	21.16	240	221725	20.00	ng	0.00
86) Perylene-d12	23.36	264	219272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	65956	74.56	ng	0.00
7) Phenol-d6	6.73	99	61976	47.81	ng	0.00
23) Nitrobenzene-d5	8.69	82	145171	90.49	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	135326	155.11	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	344704	94.33	ng	0.00
78) Terphenyl-d14	19.60	244	983565	92.54	ng	0.00
Target Compounds						
51) Acenaphthene	14.27	154	9651	3.11	ng	Qvalue # 84

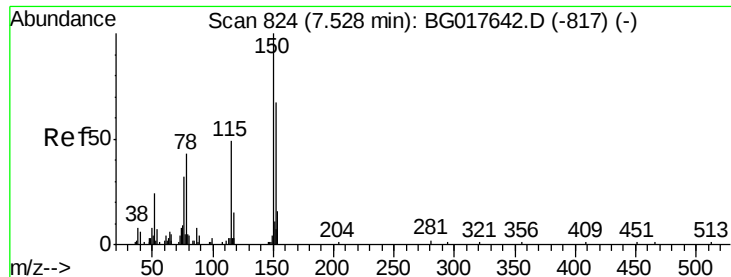
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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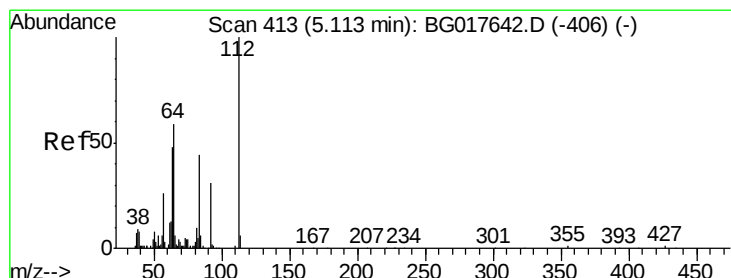
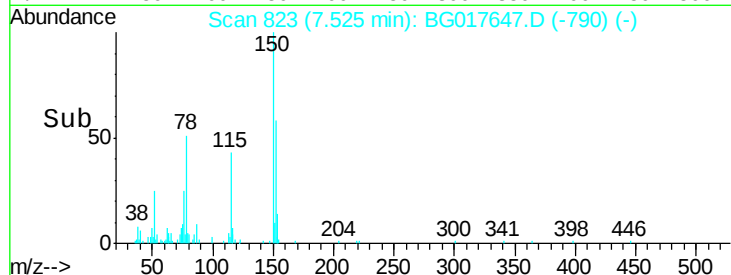
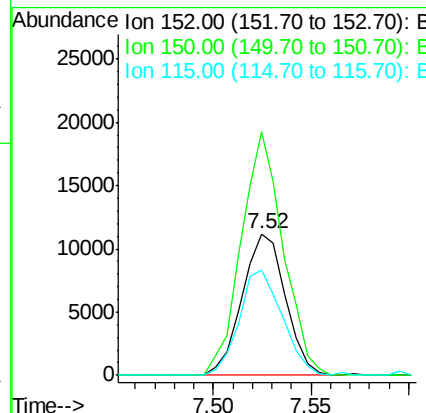
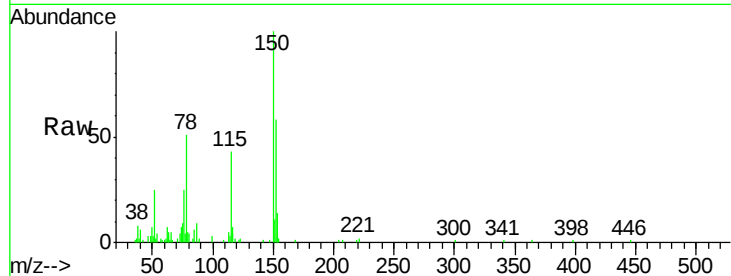


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017647.D
Acq: 12 Jun 2015 21:18

Instrument :
BNA_G
ClientSampleId :
MW-40

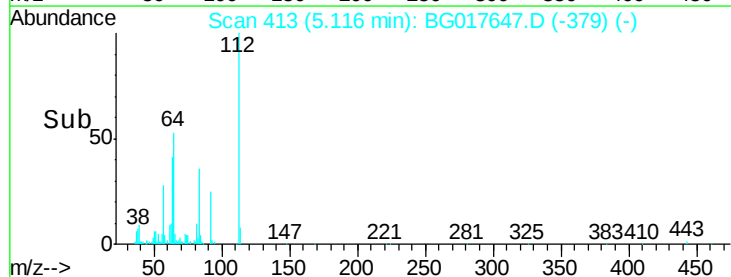
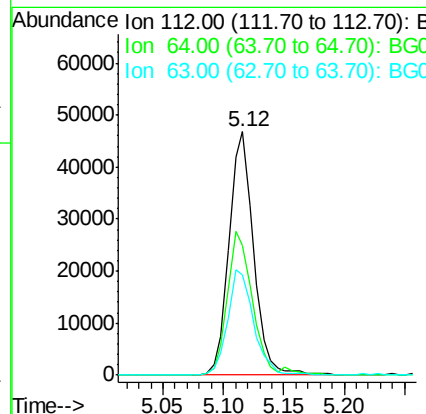
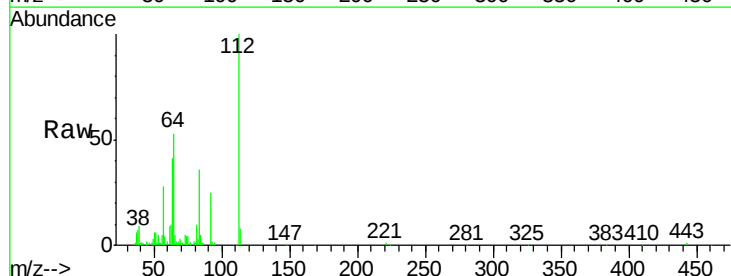
Tgt Ion:152 Resp: 17133
Ion Ratio Lower Upper
152 100
150 172.4 119.4 179.0
115 74.3 58.2 87.2

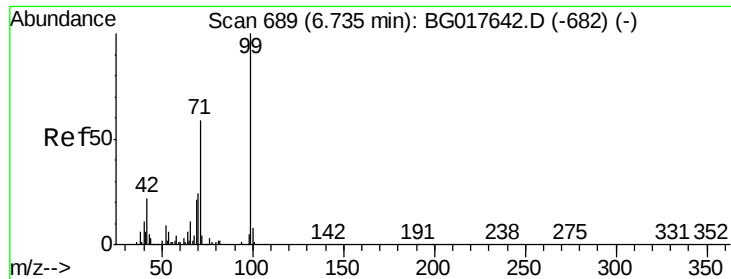


#5

2-Fluorophenol
Concen: 74.56 ng
RT: 5.12 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017647.D
Acq: 12 Jun 2015 21:18

Tgt Ion:112 Resp: 65956
Ion Ratio Lower Upper
112 100
64 53.1 47.0 70.6
63 41.3 38.6 58.0





#7

Phenol-d6

Concen: 47.81 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG017647.D

Acq: 12 Jun 2015 21:18

Instrument :

BNA_G

ClientSampleId :

MW-40

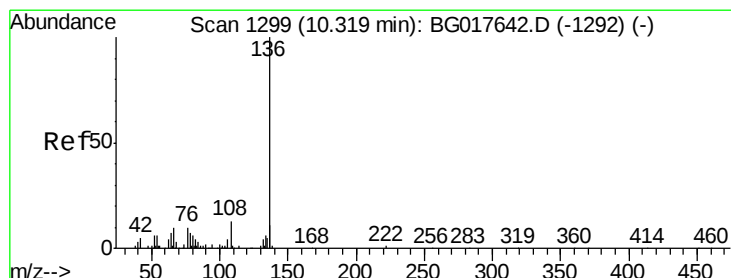
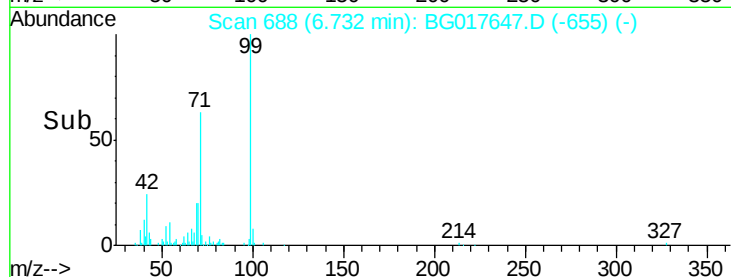
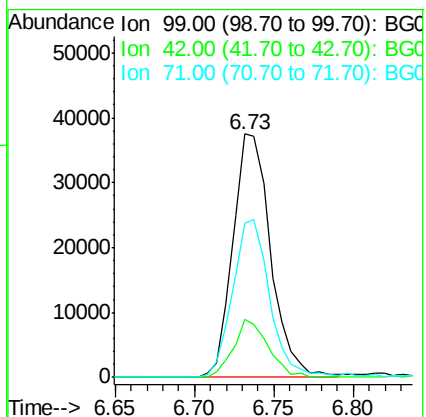
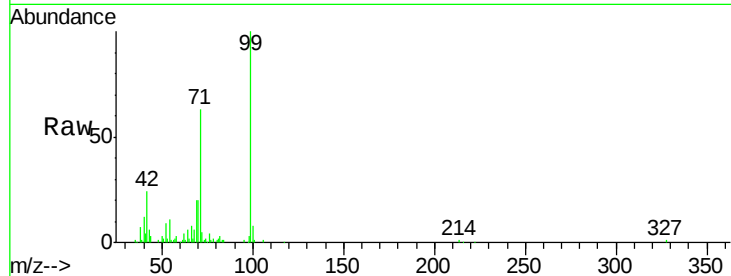
Tgt Ion: 99 Resp: 61976

Ion Ratio Lower Upper

99 100

42 23.9 17.4 26.2

71 63.1 47.4 71.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG017647.D

Acq: 12 Jun 2015 21:18

Tgt Ion: 136 Resp: 67343

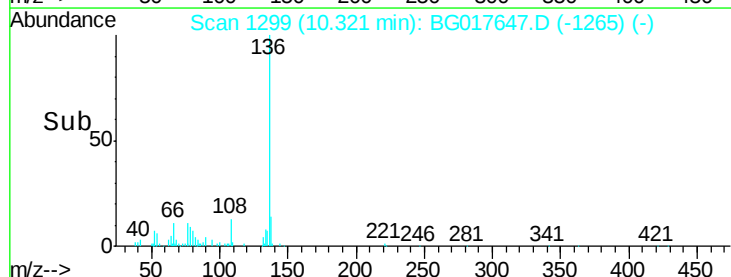
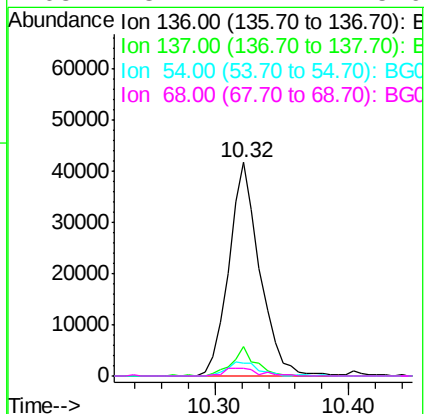
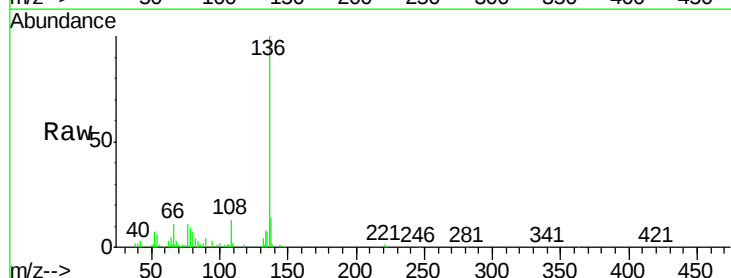
Ion Ratio Lower Upper

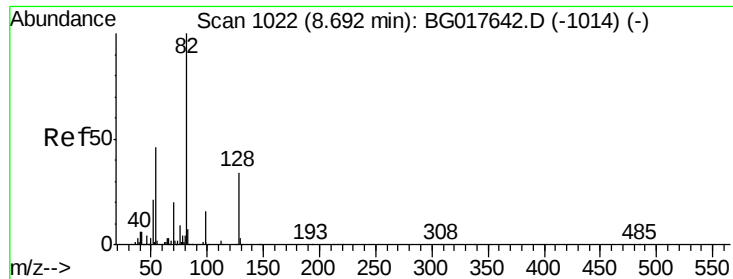
136 100

137 13.5 8.7 13.1#

54 5.7 4.7 7.1

68 3.4 2.4 3.6

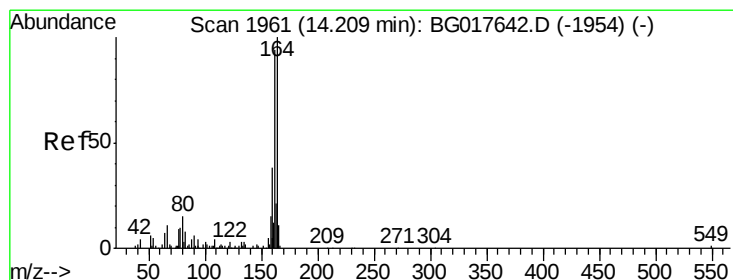
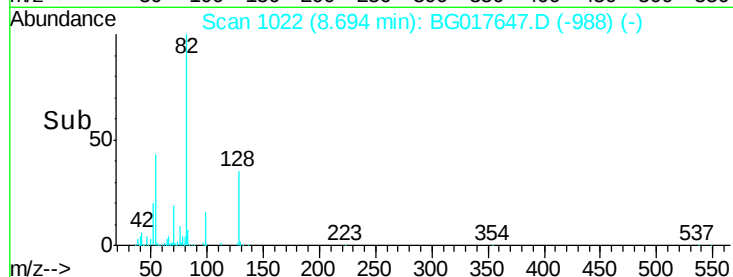
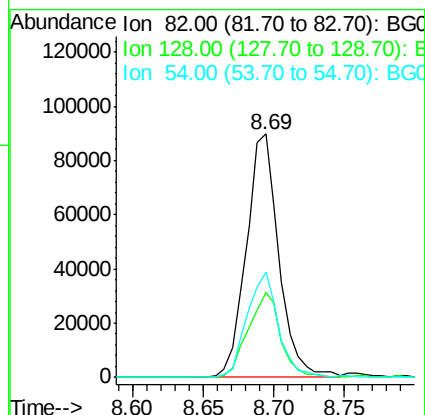
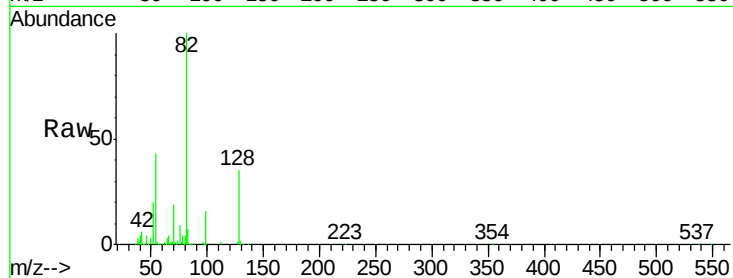




#23
 Nitrobenzene-d5
 Concen: 90.49 ng
 RT: 8.69 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG017647.D
 Acq: 12 Jun 2015 21:18

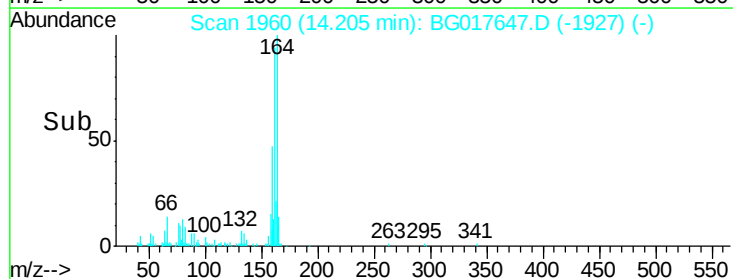
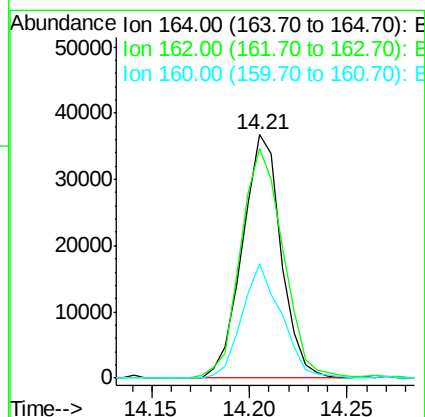
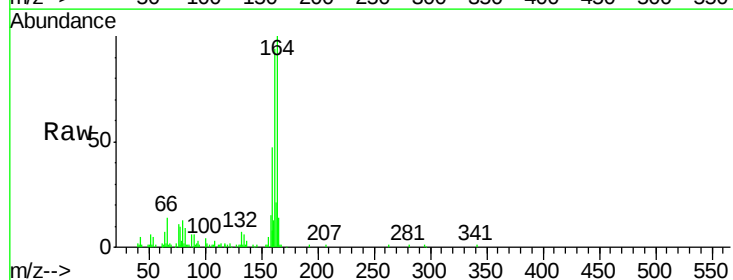
Instrument :
 BNA_G
 ClientSampleId :
 MW-40

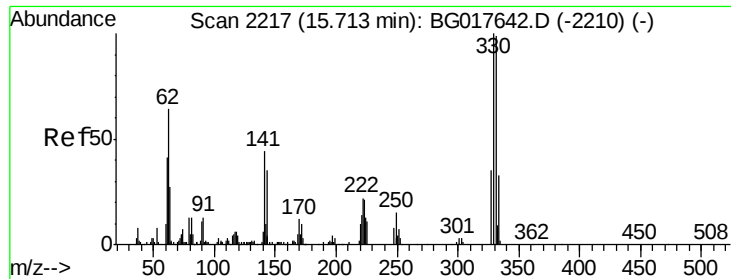
Tgt Ion: 82 Resp: 145171
 Ion Ratio Lower Upper
 82 100
 128 35.0 27.3 40.9
 54 43.2 37.0 55.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG017647.D
 Acq: 12 Jun 2015 21:18

Tgt Ion: 164 Resp: 50543
 Ion Ratio Lower Upper
 164 100
 162 94.1 75.0 112.4
 160 47.0 30.3 45.5#

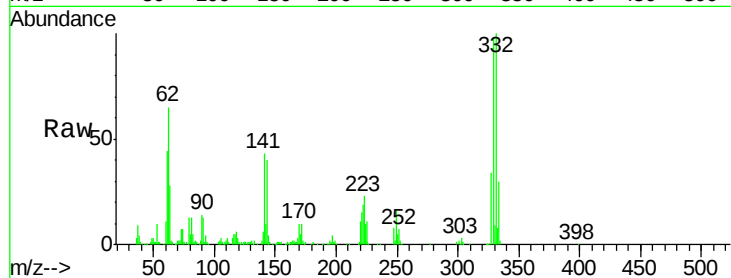




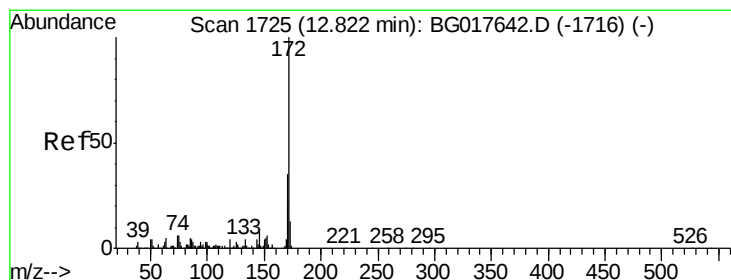
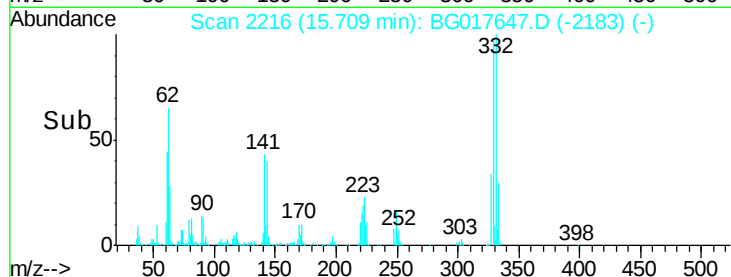
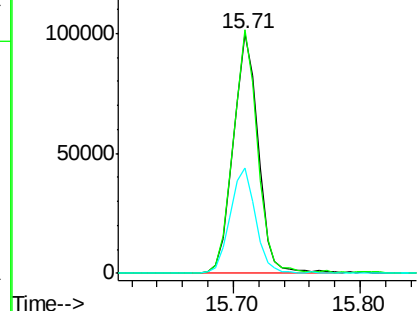
#41
 2,4,6-Tribromophenol
 Concen: 155.11 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017647.D
 Acq: 12 Jun 2015 21:18

Instrument :
 BNA_G
 ClientSampleId :
 MW-40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.2	76.6	114.8
141	44.8	34.6	51.8

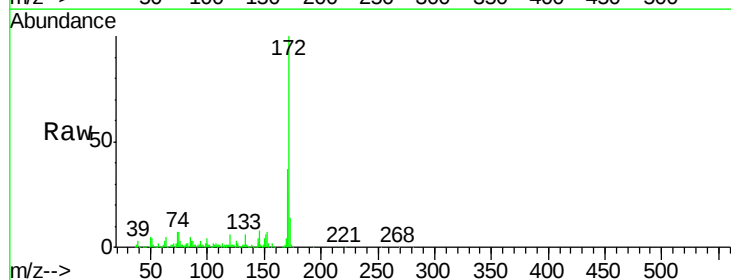


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

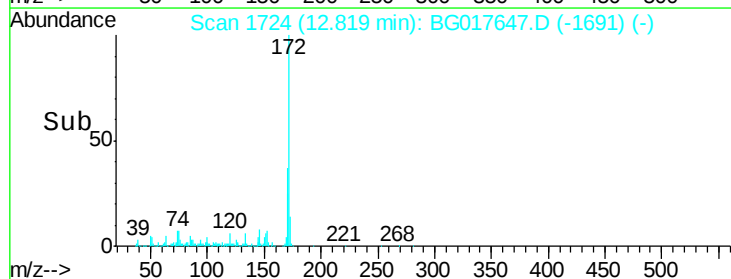
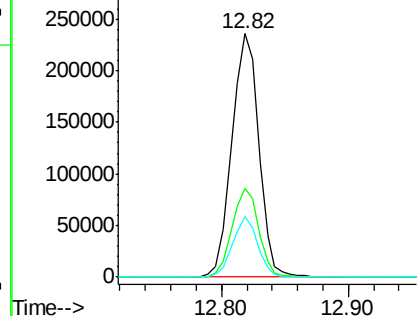


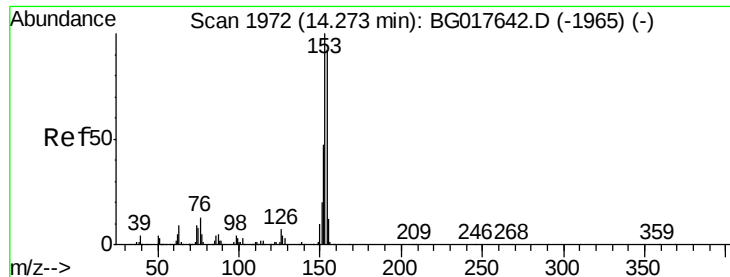
#44
 2-Fluorobiphenyl
 Concen: 94.33 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017647.D
 Acq: 12 Jun 2015 21:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.2	42.2
170	24.9	17.4	26.2



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





#51

Acenaphthene

Concen: 3.11 ng

RT: 14.27 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG017647.D

Acq: 12 Jun 2015 21:18

Instrument :

BNA_G

ClientSampleId :

MW-40

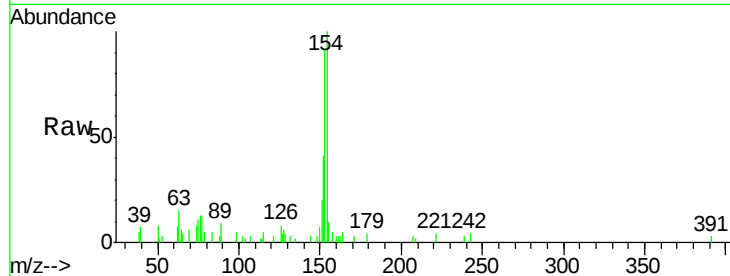
Tgt Ion:154 Resp: 9651

Ion Ratio Lower Upper

154 100

153 91.4 87.2 130.8

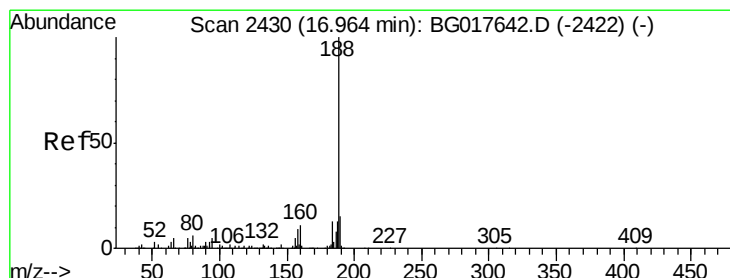
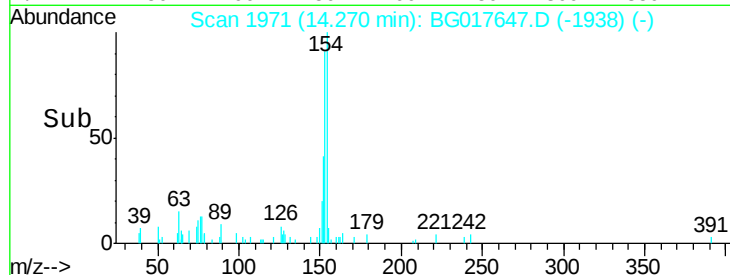
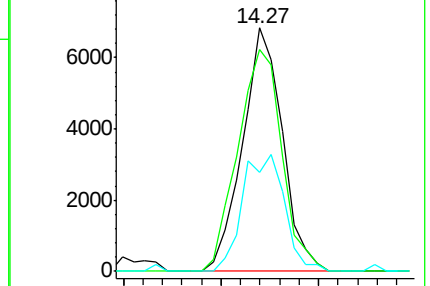
152 40.5 41.0 61.4#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG017647.D

Acq: 12 Jun 2015 21:18

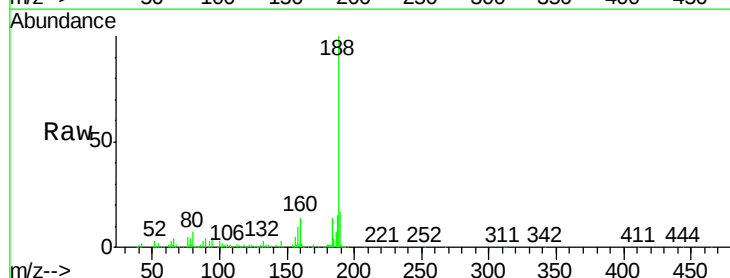
Tgt Ion:188 Resp: 146114

Ion Ratio Lower Upper

188 100

94 5.2 3.9 5.9

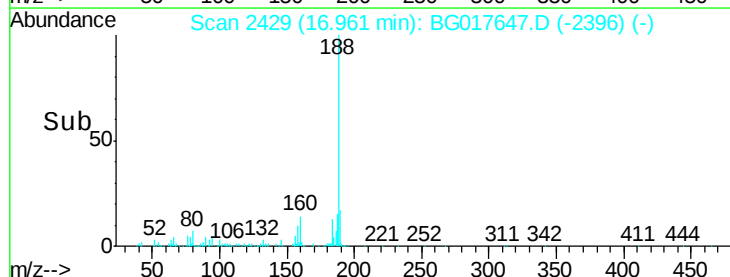
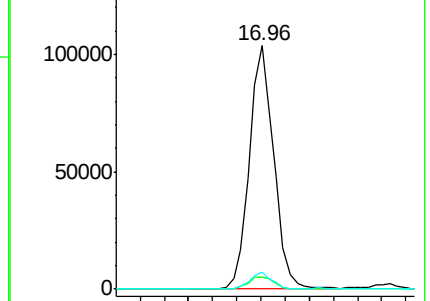
80 7.2 5.0 7.6

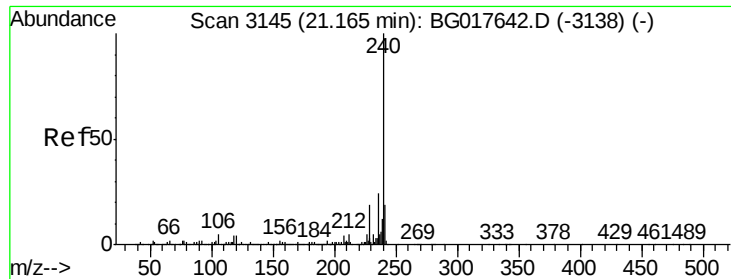


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017647.D

Acq: 12 Jun 2015 21:18

Instrument :

BNA_G

ClientSampleId :

MW-40

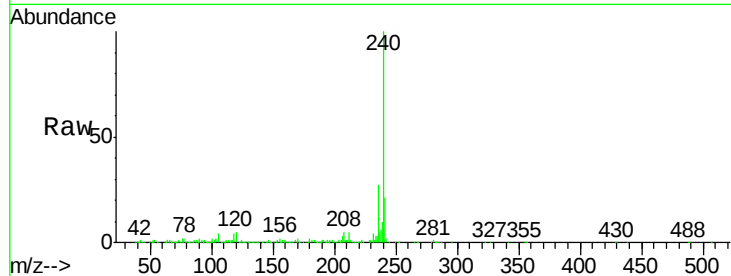
Tgt Ion:240 Resp: 221725

Ion Ratio Lower Upper

240 100

120 4.5 3.5 5.3

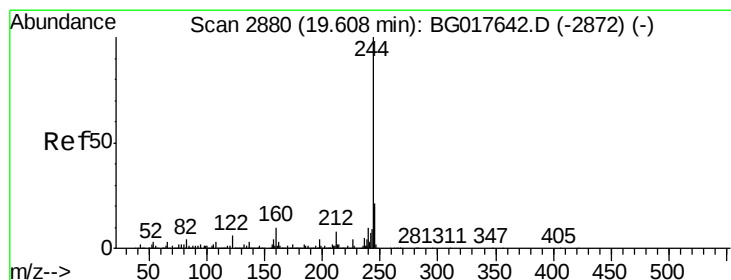
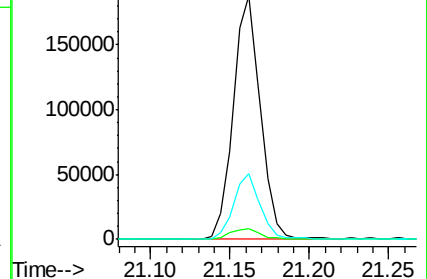
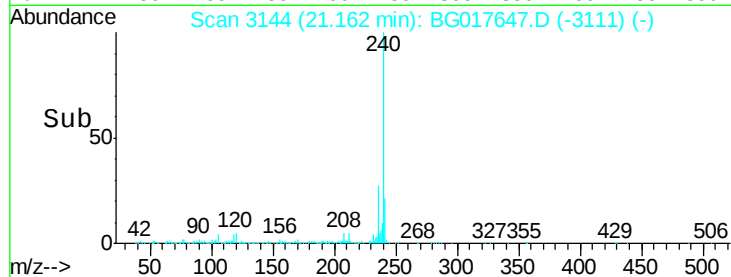
236 26.9 19.5 29.3



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: 92.54 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017647.D

Acq: 12 Jun 2015 21:18

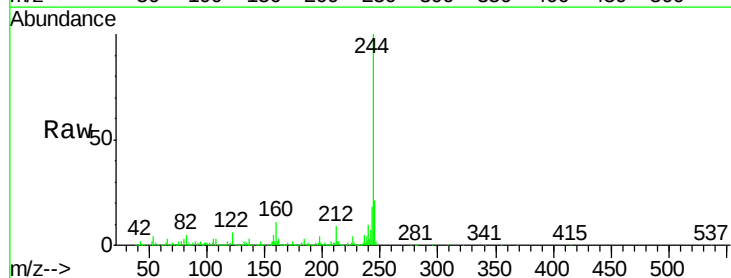
Tgt Ion:244 Resp: 983565

Ion Ratio Lower Upper

244 100

212 9.2 6.3 9.5

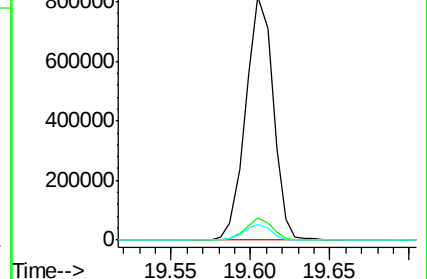
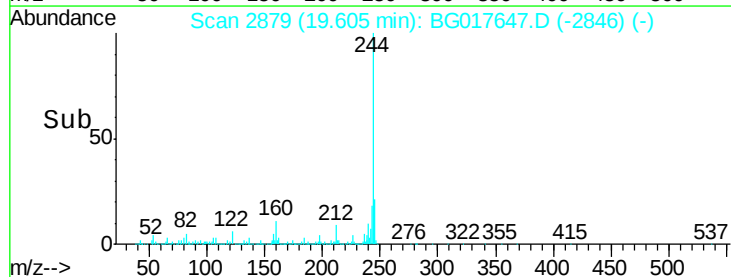
122 6.5 4.6 6.8

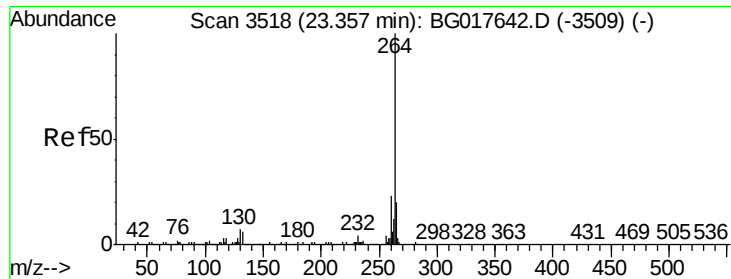


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3518
Delta R.T. 0.00 min
Lab File: BG017647.D
Acq: 12 Jun 2015 21:18

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:	264	Resp:	219272
Ion	Ratio	Lower	Upper
264	100		
260	20.3	18.3	27.5
265	22.5	16.2	24.2

