

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051115\
 Data File : BG017068.D
 Acq On : 12 May 2015 2:09
 Operator : TP/IZ
 Sample : G2143-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15R

Quant Time: May 12 05:25:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 04:56:17 2015
 Response via : Initial Calibration

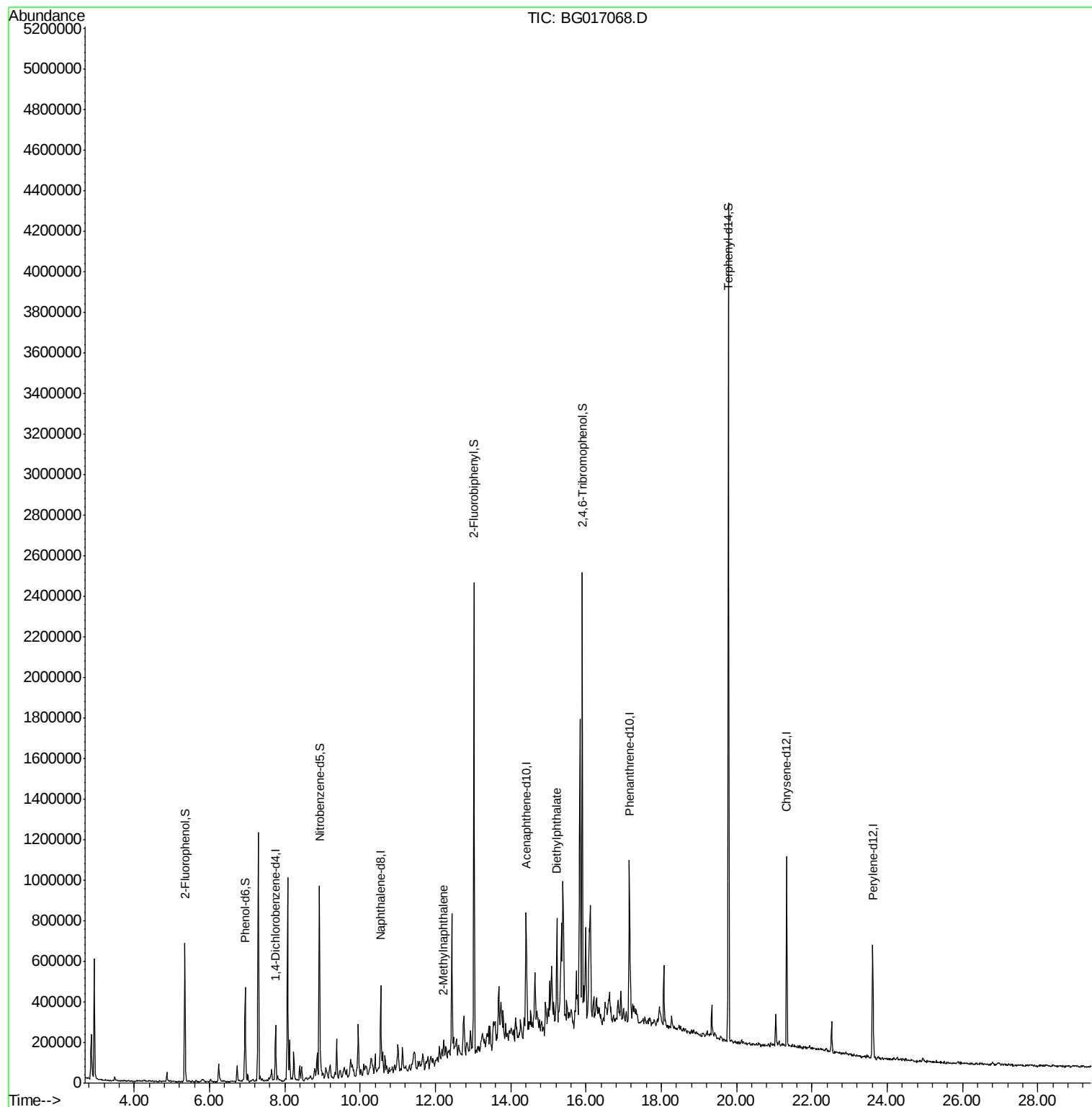
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	57861	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	263112	20.00	ng	0.00
38) Acenaphthene-d10	14.40	164	201960	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	383077	20.00	ng	0.00
75) Chrysene-d12	21.33	240	404568	20.00	ng	0.00
86) Perylene-d12	23.62	264	401901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	240595	72.40	ng	0.00
7) Phenol-d6	6.95	99	208960	44.01	ng	0.00
23) Nitrobenzene-d5	8.92	82	464546	86.25	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	305449	150.65	ng	0.00
44) 2-Fluorobiphenyl	13.02	172	981965	73.37	ng	0.00
78) Terphenyl-d14	19.79	244	1520349	88.10	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.21	142	22214	2.23	ng	93
59) Diethylphthalate	15.23	149	200177	12.57	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG017068.D

Acq: 12 May 2015 2:09

Instrument :

BNA_G

ClientSampleId :

MW-15R

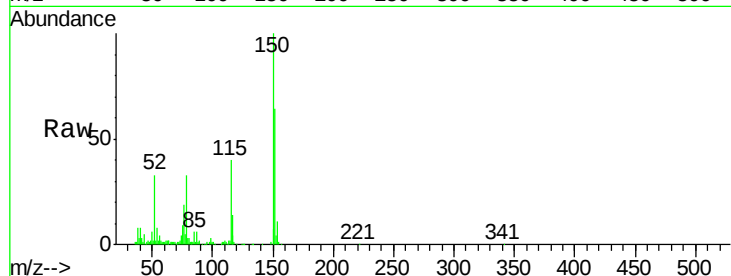
Tot Ion:152 Resp: 57861

Ion Ratio Lower Upper

152 100

150 157.2 121.0 181.4

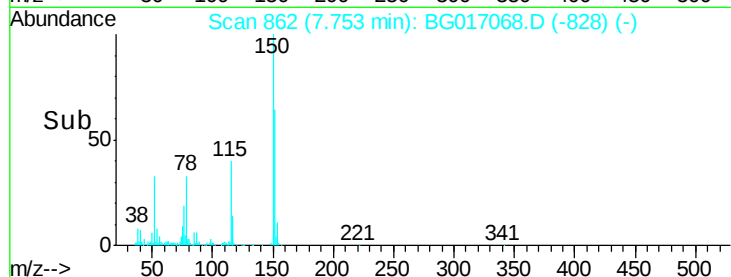
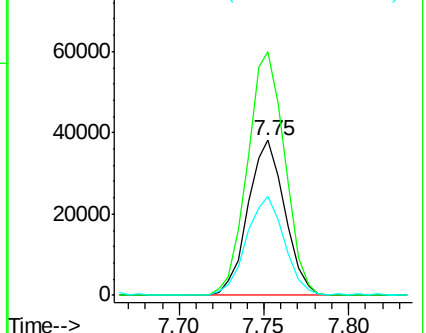
115 63.6 50.5 75.7



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: 72.40 ng

RT: 5.34 min Scan# 452

Delta R.T. -0.00 min

Lab File: BG017068.D

Acq: 12 May 2015 2:09

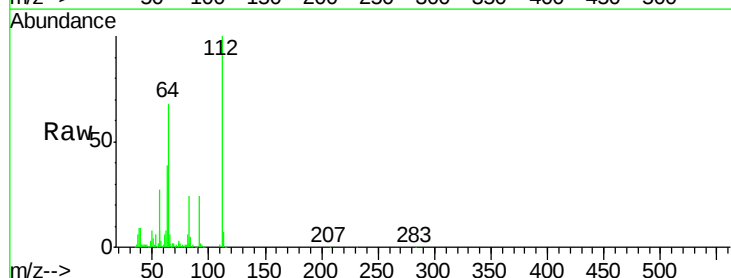
Tgt Ion:112 Resp: 240595

Ion Ratio Lower Upper

112 100

64 68.3 51.4 77.2

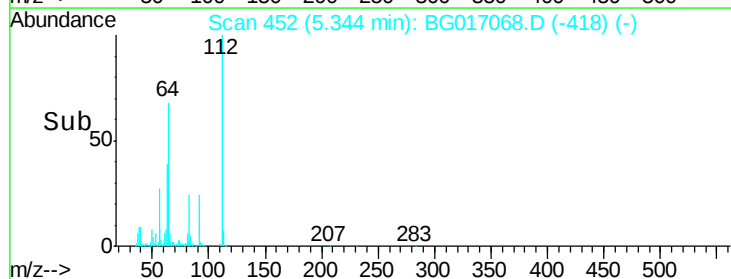
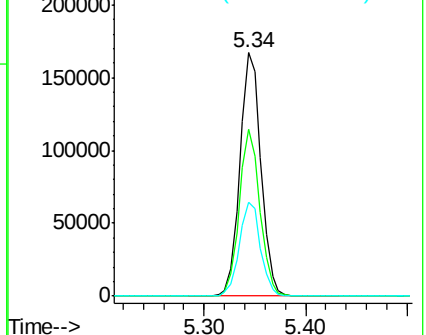
63 38.8 28.1 42.1



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: 44.01 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG017068.D

Acq: 12 May 2015 2:09

Instrument :

BNA_G

ClientSampleId :

MW-15R

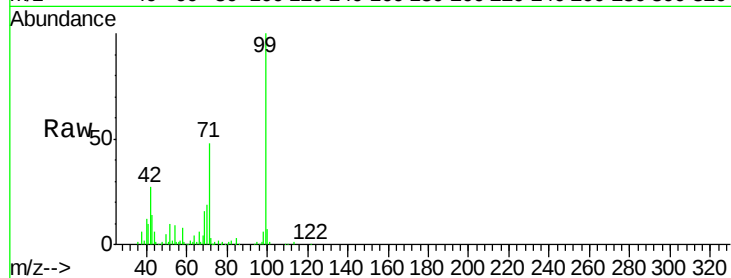
Tot Ion: 99 Resp: 208960

Ion Ratio Lower Upper

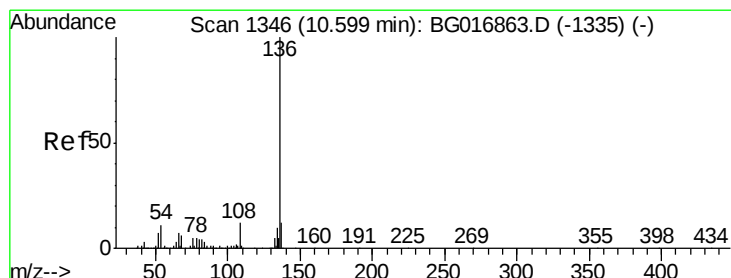
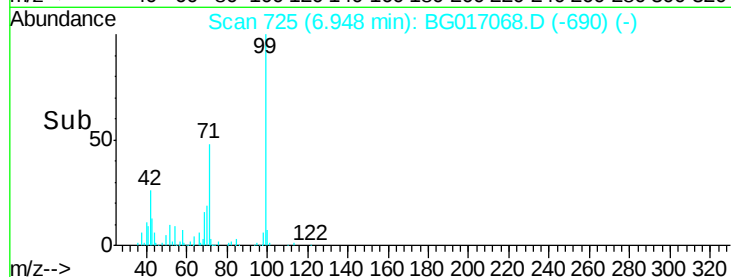
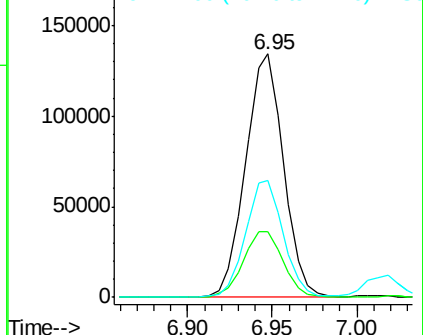
99 100

42 26.8 22.1 33.1

71 47.8 33.4 50.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BG017068.D

Acq: 12 May 2015 2:09

Tgt Ion: 136 Resp: 263112

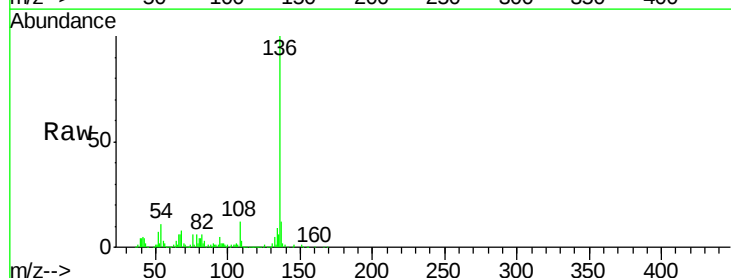
Ion Ratio Lower Upper

136 100

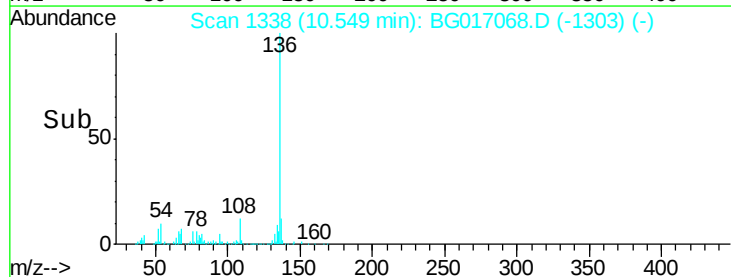
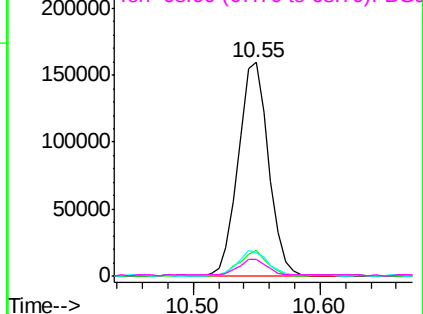
137 12.1 9.8 14.8

54 10.5 8.7 13.1

68 7.8 5.0 7.4#



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

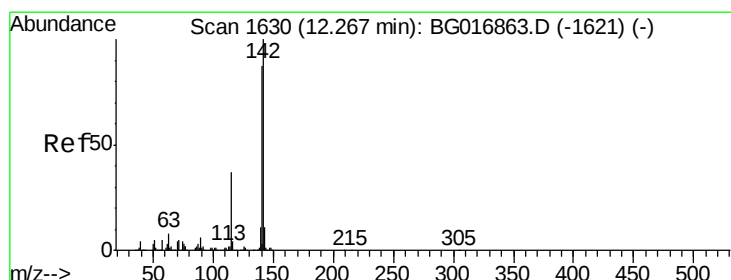
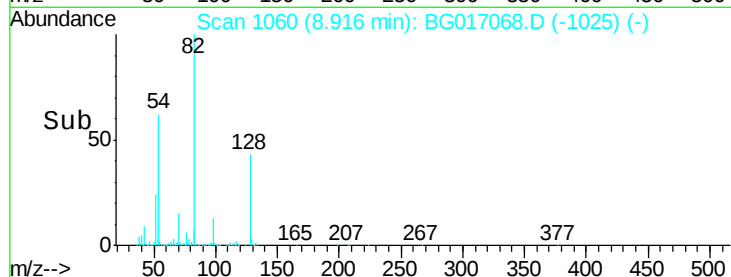
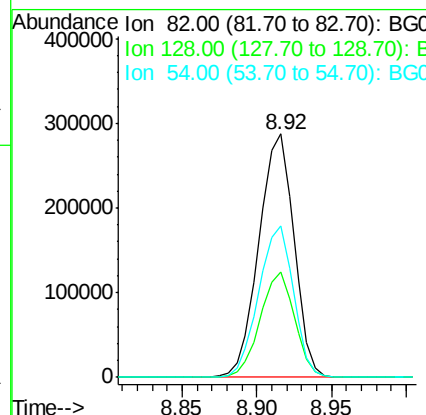
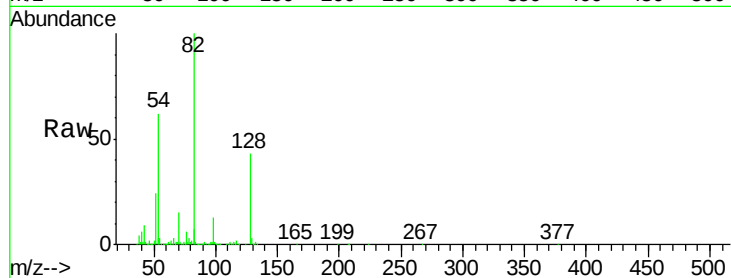




#23
 Nitrobenzene-d5
 Concen: 86.25 ng
 RT: 8.92 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BG017068.D
 Acq: 12 May 2015 2:09

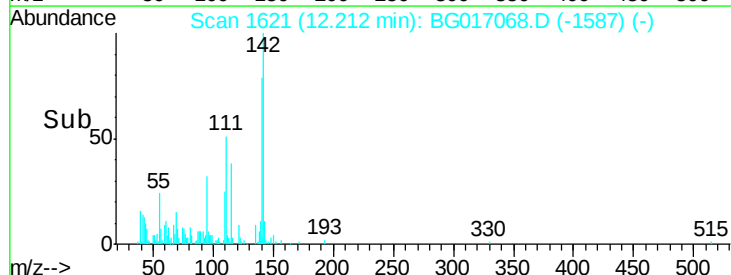
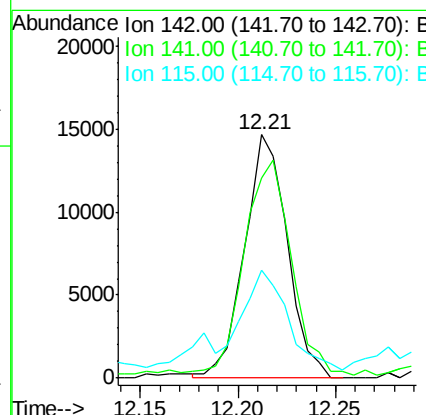
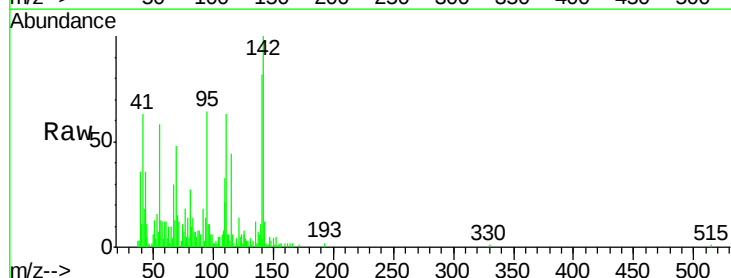
Instrument :
 BNA_G
 ClientSampleId :
 MW-15R

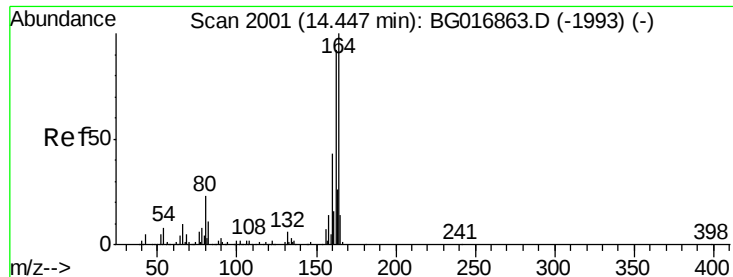
Tot Ion	82	Resp	464546
Ion Ratio	Lower	Upper	
82	100		
128	43.3	33.2	49.8
54	62.4	48.6	72.8



#37
 2-Methylnaphthalene
 Concen: 2.23 ng
 RT: 12.21 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BG017068.D
 Acq: 12 May 2015 2:09

Tgt Ion	142	Resp	22214
Ion Ratio	Lower	Upper	
142	100		
141	82.4	69.9	104.9
115	44.2	29.8	44.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.40 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG017068.D

Acq: 12 May 2015 2:09

Instrument :

BNA_G

ClientSampleId :

MW-15R

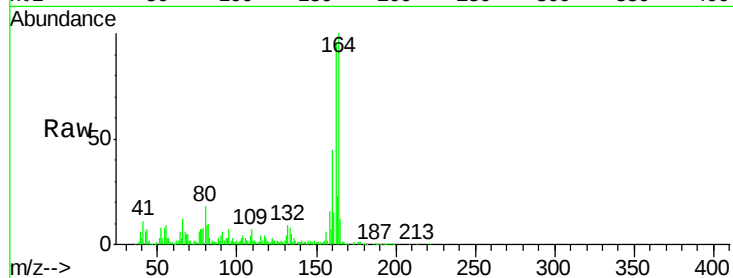
Tot Ion:164 Resp: 201960

Ion Ratio Lower Upper

164 100

162 96.0 74.0 111.0

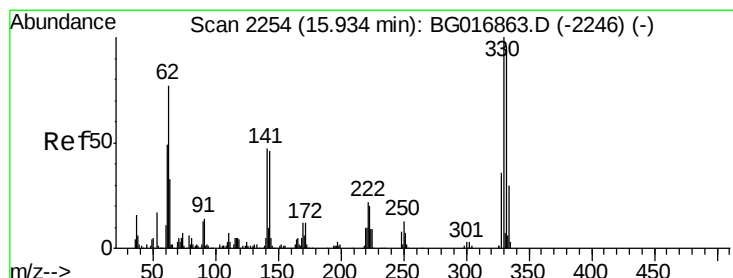
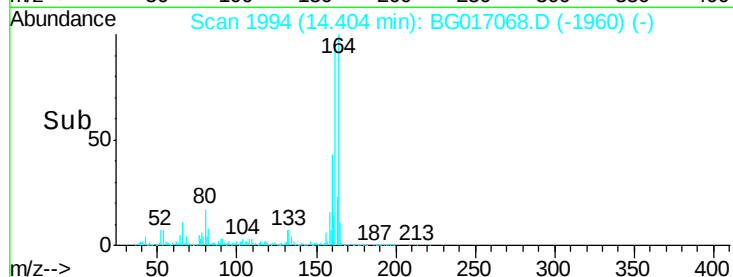
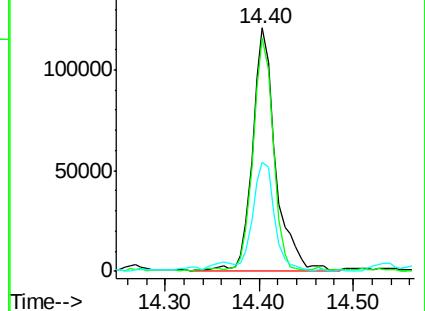
160 44.7 34.7 52.1



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: 150.65 ng

RT: 15.90 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BG017068.D

Acq: 12 May 2015 2:09

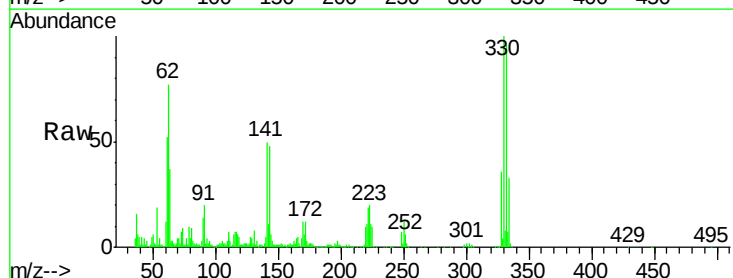
Tgt Ion:330 Resp: 305449

Ion Ratio Lower Upper

330 100

332 94.9 0.0 0.0#

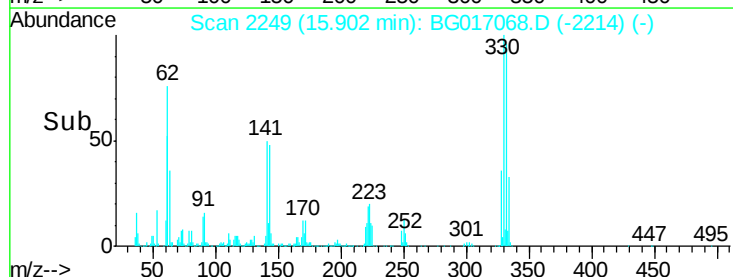
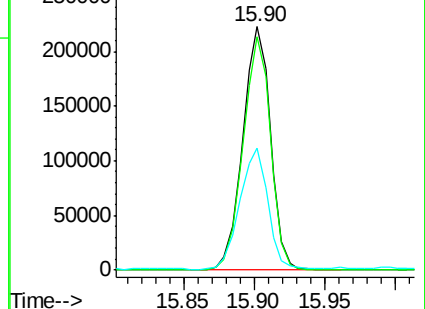
141 50.8 0.0 0.0#

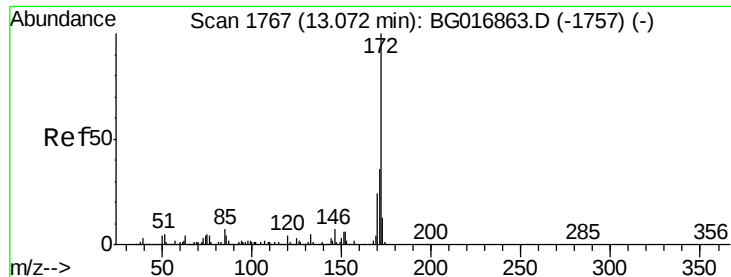


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

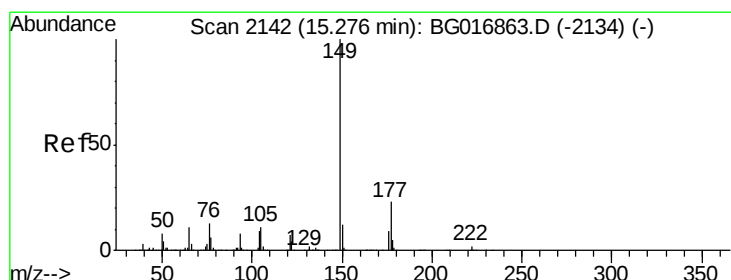
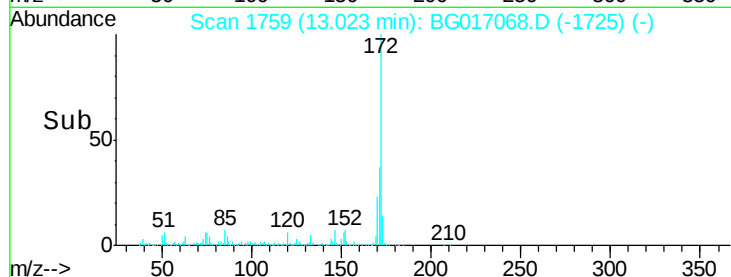
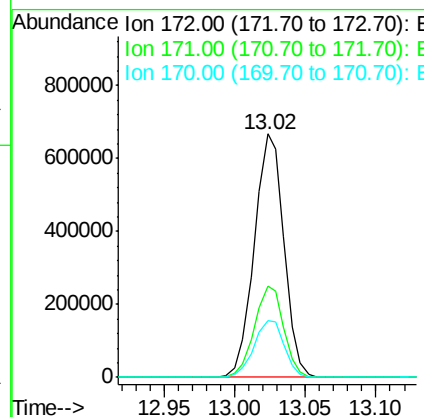
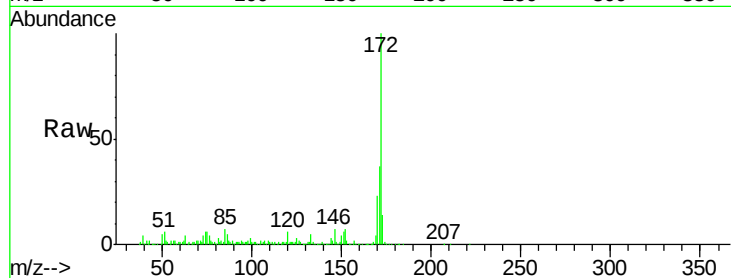




#44
2-Fluorobiphenyl
Concen: 73.37 ng
RT: 13.02 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG017068.D
Acq: 12 May 2015 2:09

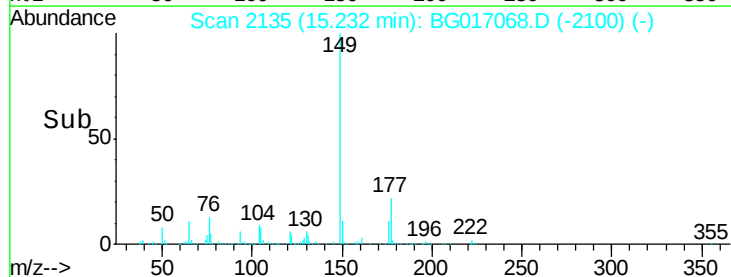
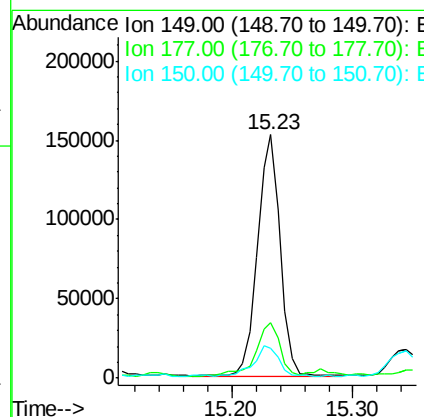
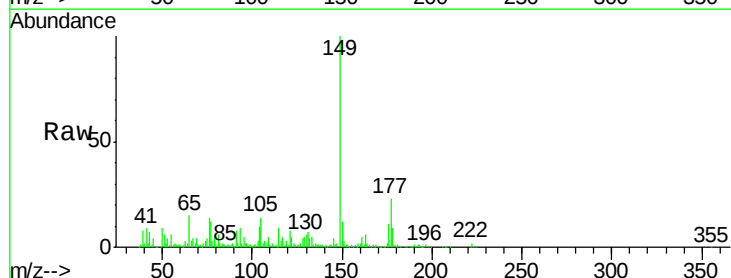
Instrument :
BNA_G
ClientSampleId :
MW-15R

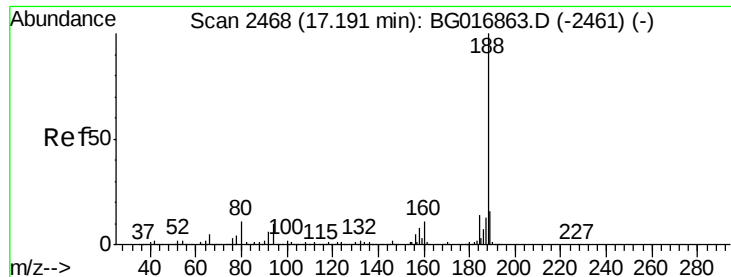
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.4
170	23.4	19.0	28.4



#59
Diethylphthalate
Concen: 12.57 ng
RT: 15.23 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BG017068.D
Acq: 12 May 2015 2:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.6	27.8
150	12.4	9.8	14.8

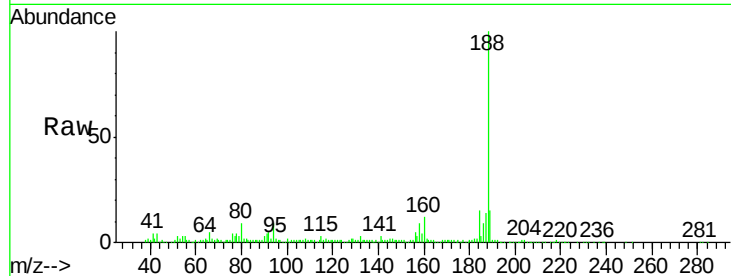




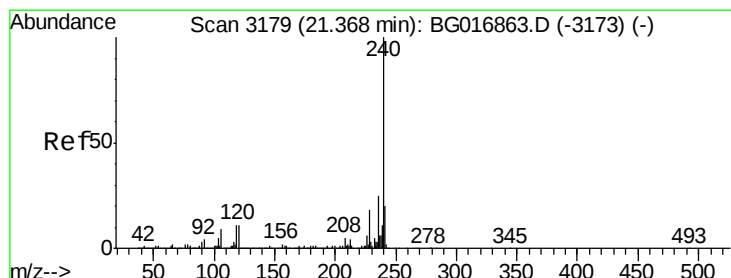
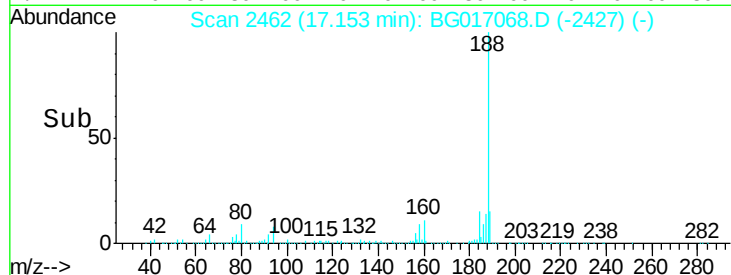
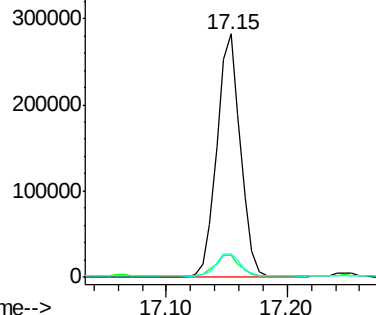
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BG017068.D
Acq: 12 May 2015 2:09

Instrument :
BNA_G
ClientSampleId :
MW-15R

Tot Ion:188 Resp: 383077
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 9.5 8.8 13.2

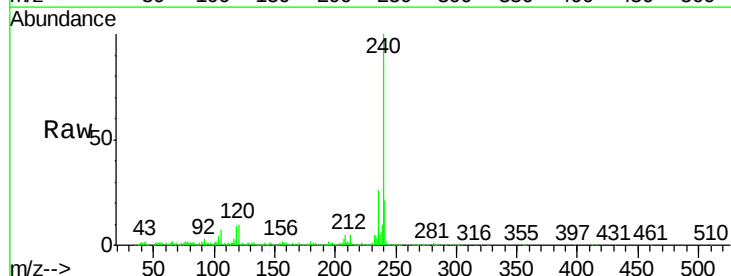


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

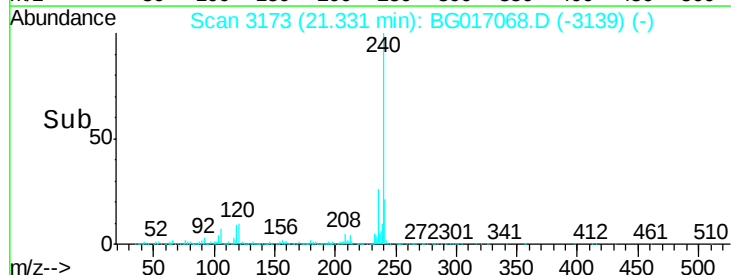
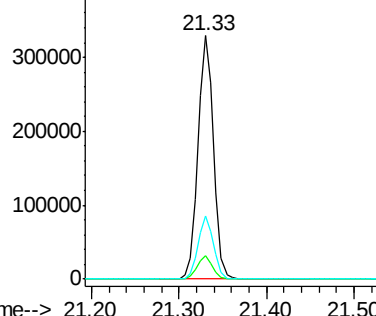


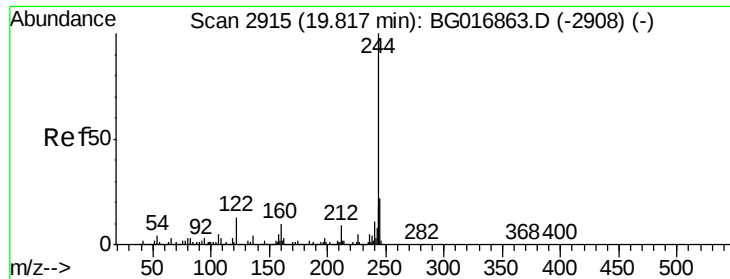
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.33 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG017068.D
Acq: 12 May 2015 2:09

Tgt Ion:240 Resp: 404568
Ion Ratio Lower Upper
240 100
120 9.9 9.1 13.7
236 26.1 20.2 30.4



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: 88.10 ng

RT: 19.79 min Scan# 2910

Delta R.T. 0.00 min

Lab File: BG017068.D

Acq: 12 May 2015 2:09

Instrument :

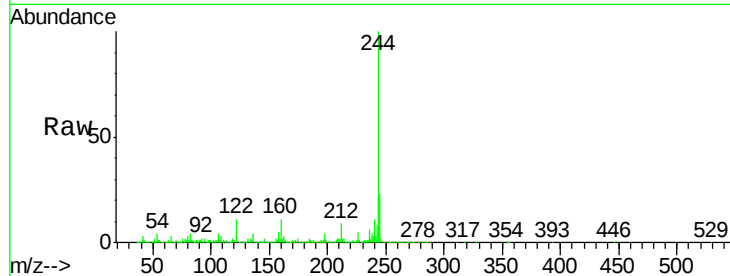
BNA_G

ClientSampleId :

MW-15R

Tot Ion:244 Resp: 1520349

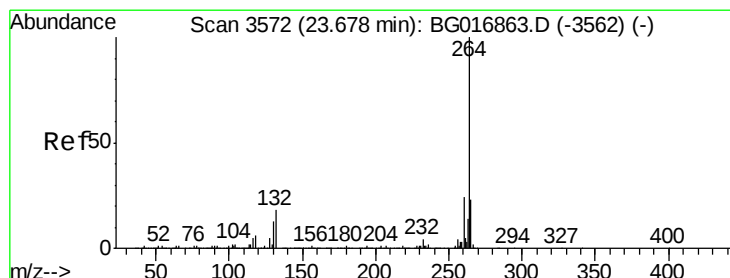
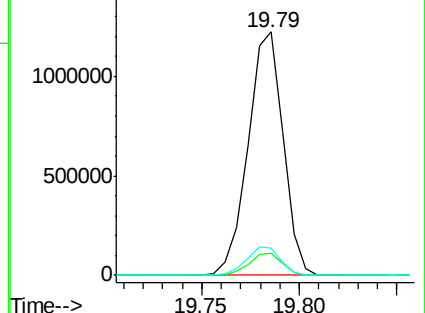
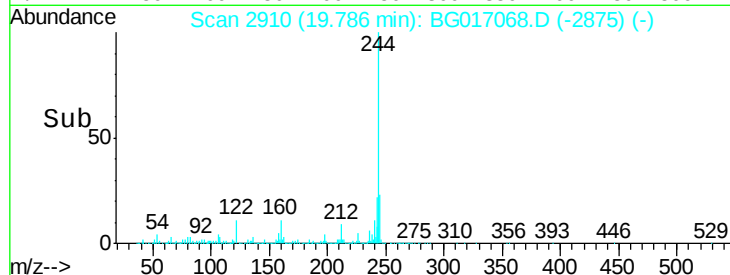
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	11.3	10.4	15.6



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: 23.62 min Scan# 3562

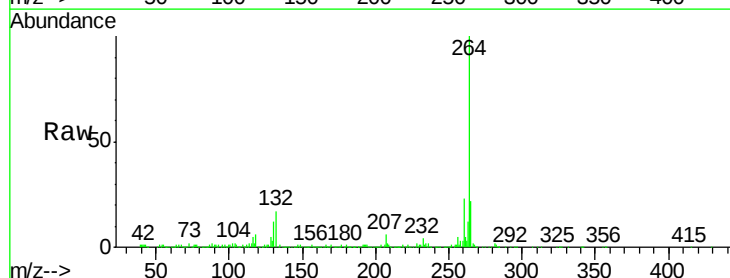
Delta R.T. -0.00 min

Lab File: BG017068.D

Acq: 12 May 2015 2:09

Tgt Ion:264 Resp: 401901

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.7	18.5	27.7



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

