

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017158.D
 Acq On : 15 May 2015 3:13
 Operator : TP/IZ
 Sample : G2179-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GTMW-2

Quant Time: May 15 04:34:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

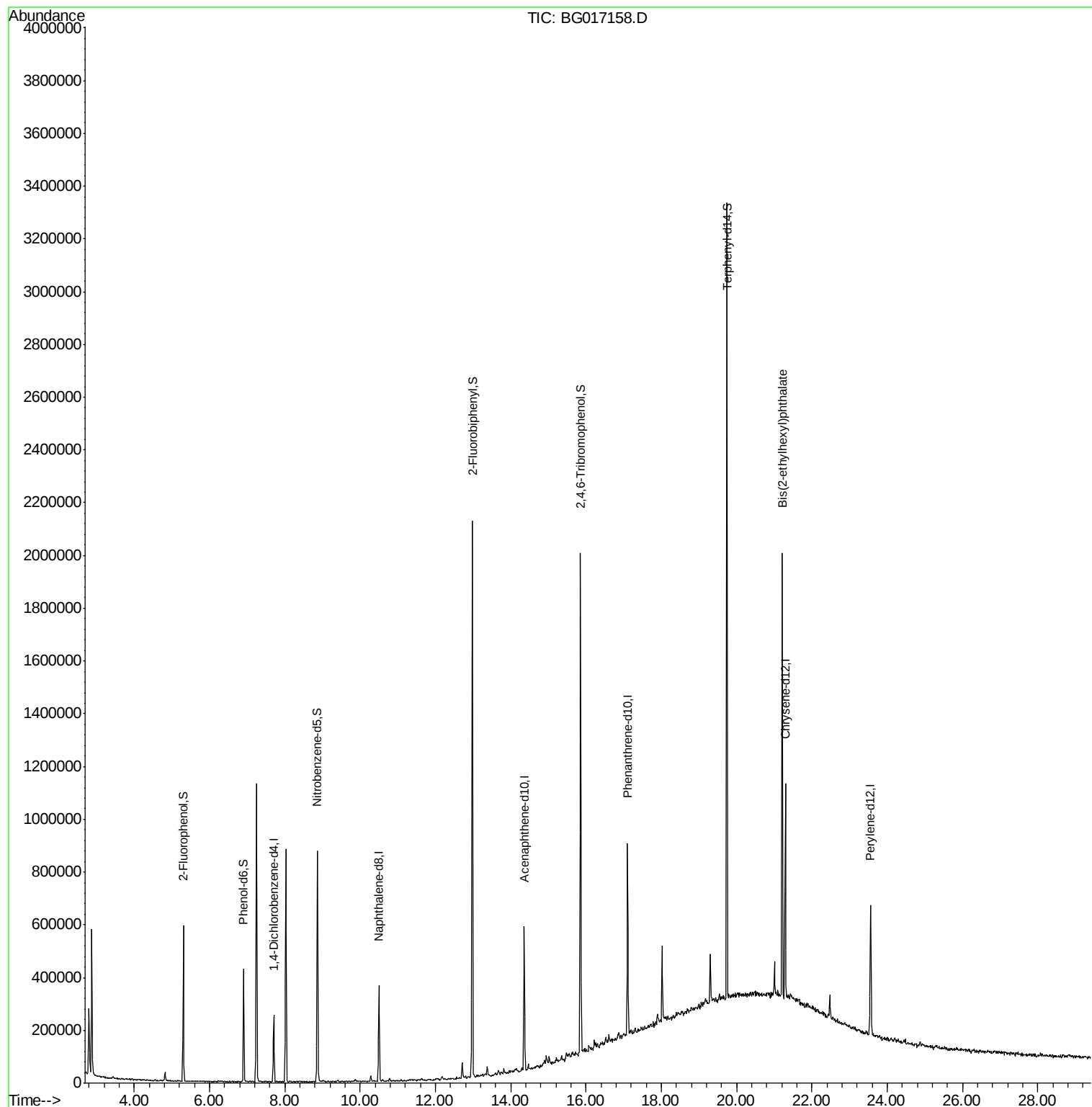
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	57851	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	265242	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	174558	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	371975	20.00	ng	0.00
75) Chrysene-d12	21.30	240	345926	20.00	ng	0.00
86) Perylene-d12	23.56	264	341837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	204317	62.66	ng	0.00
7) Phenol-d6	6.91	99	187599	41.00	ng	0.00
23) Nitrobenzene-d5	8.86	82	453153	79.76	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	261176	123.77	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	924160	77.69	ng	0.00
78) Terphenyl-d14	19.75	244	1147942	69.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.87	77	55	Below Cal		Qvalue # 6
83) Bis(2-ethylhexyl)phthalate	21.21	149	497055	36.24	ng	99

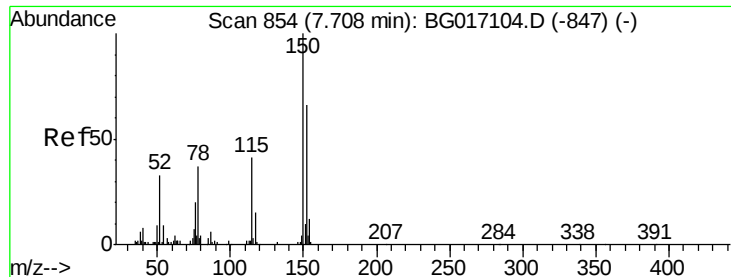
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 13 16:12:13 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG017158.D

Acq: 15 May 2015 3:13

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-2

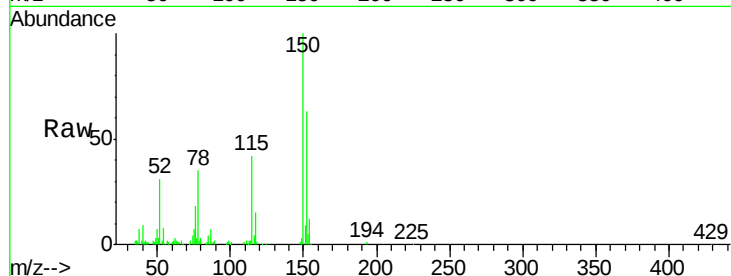
Tgt Ion:152 Resp: 57851

Ion Ratio Lower Upper

152 100

150 159.8 120.8 181.2

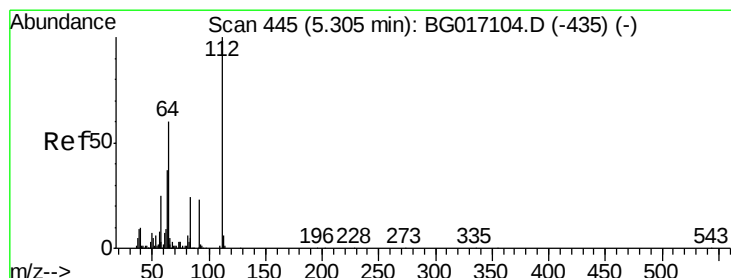
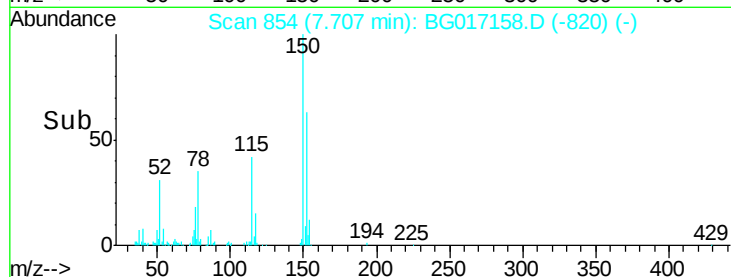
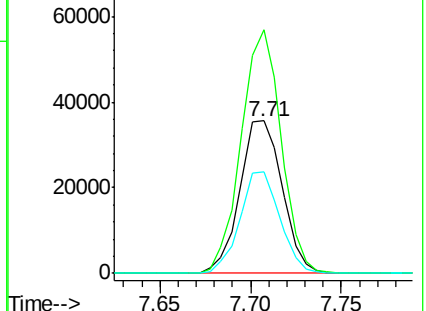
115 66.4 49.4 74.2



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



#5

2-Fluorophenol

Concen: 62.66 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017158.D

Acq: 15 May 2015 3:13

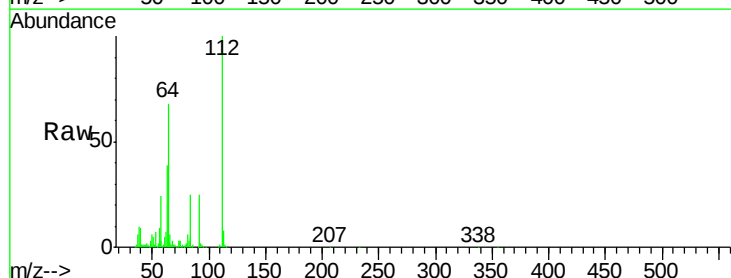
Tgt Ion:112 Resp: 204317

Ion Ratio Lower Upper

112 100

64 67.6 48.1 72.1

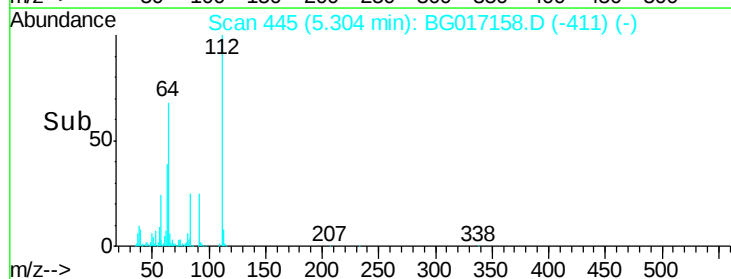
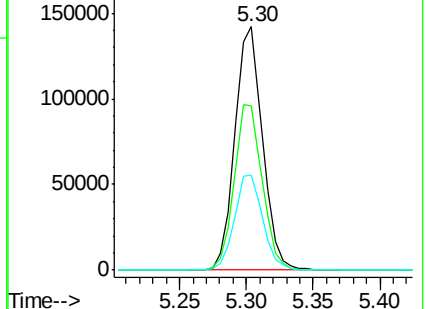
63 39.2 29.8 44.8

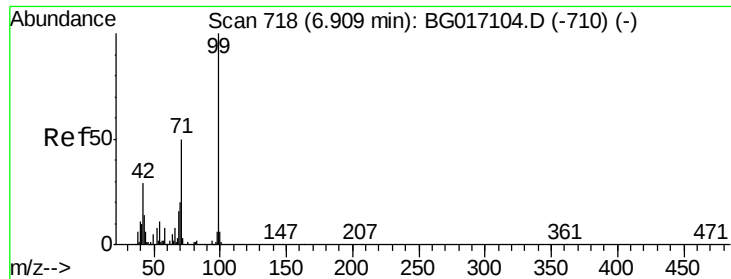


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.00 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017158.D

Acq: 15 May 2015 3:13

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-2

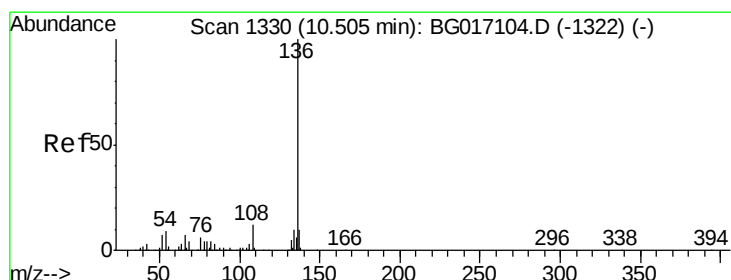
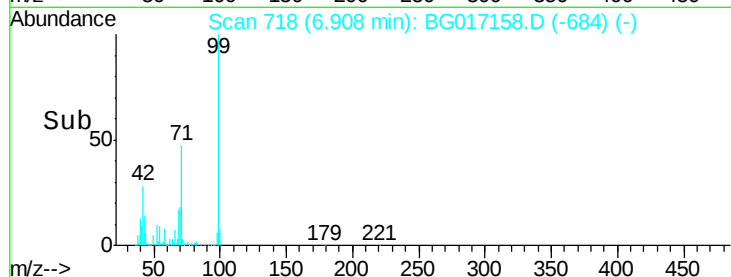
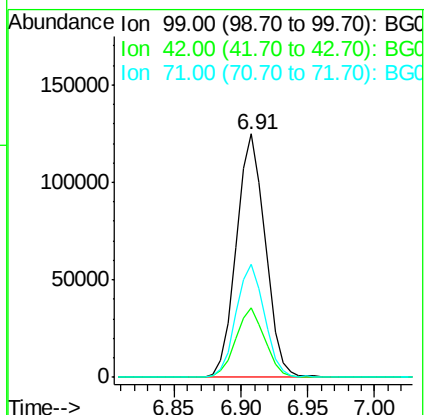
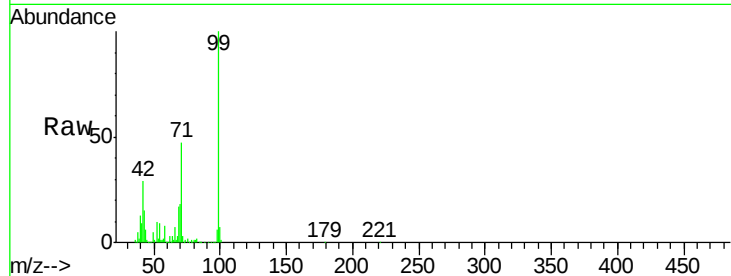
Tgt Ion: 99 Resp: 187599

Ion Ratio Lower Upper

99 100

42 28.6 23.5 35.3

71 46.6 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG017158.D

Acq: 15 May 2015 3:13

Tgt Ion: 136 Resp: 265242

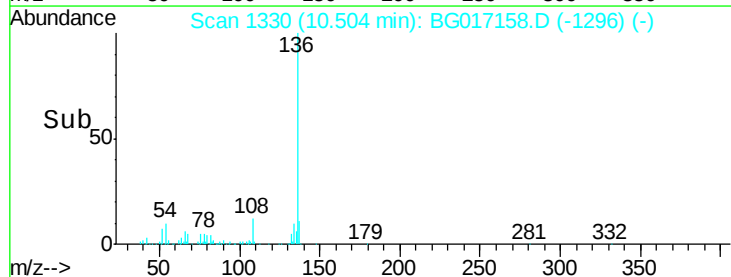
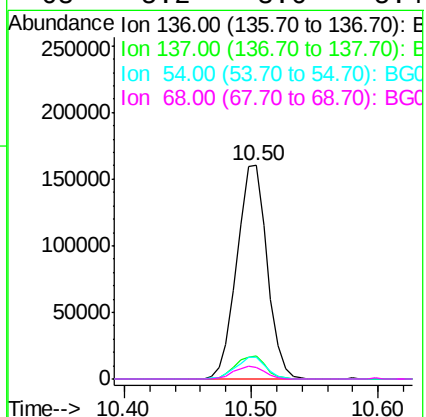
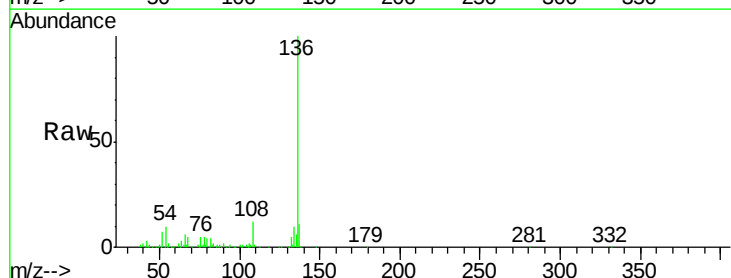
Ion Ratio Lower Upper

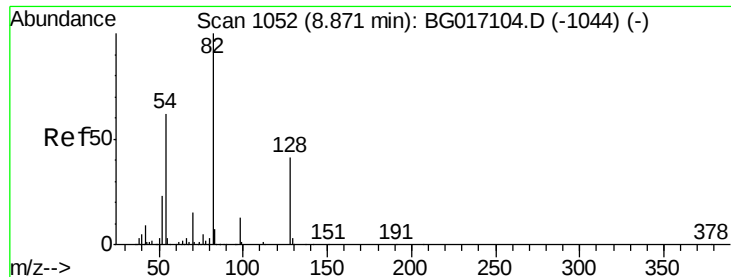
136 100

137 11.0 8.3 12.5

54 10.2 7.4 11.2

68 5.2 3.6 5.4

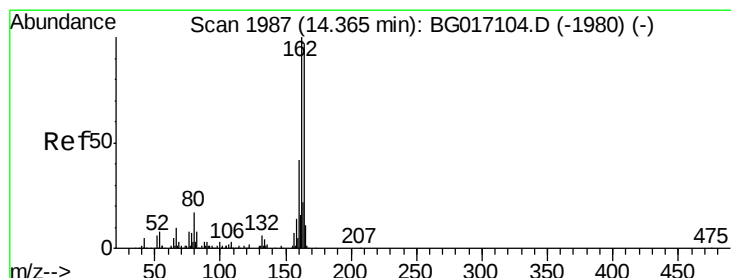
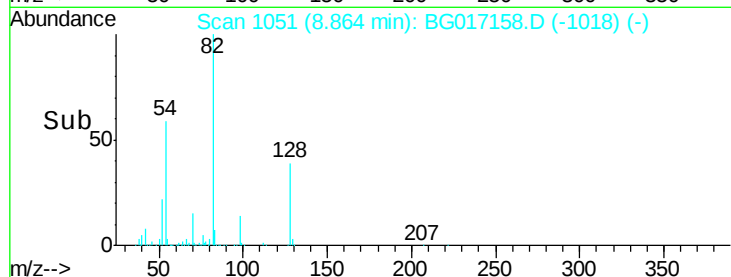
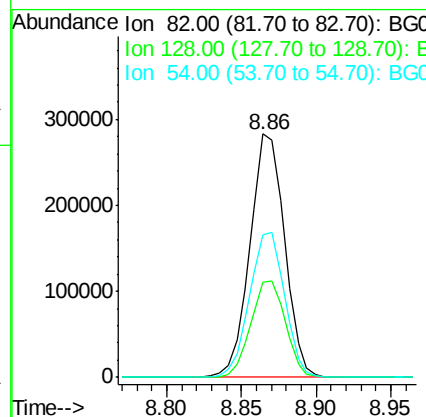
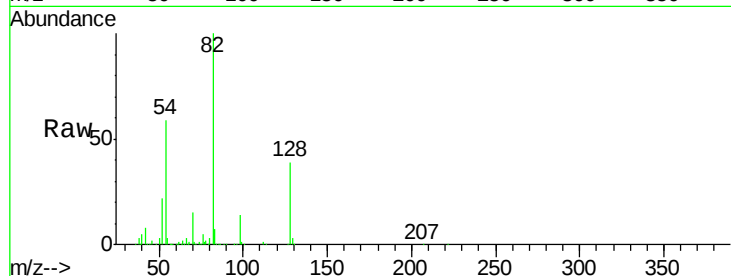




#23
 Nitrobenzene-d5
 Concen: 79.76 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017158.D
 Acq: 15 May 2015 3:13

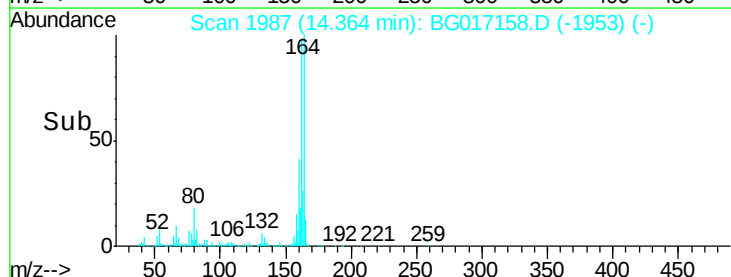
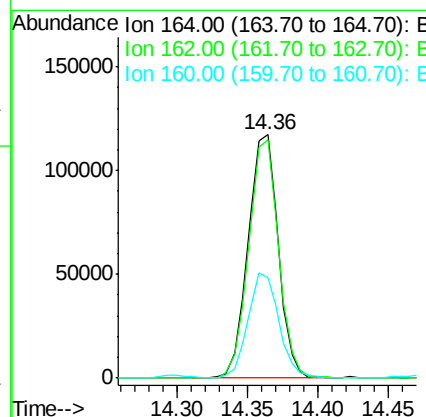
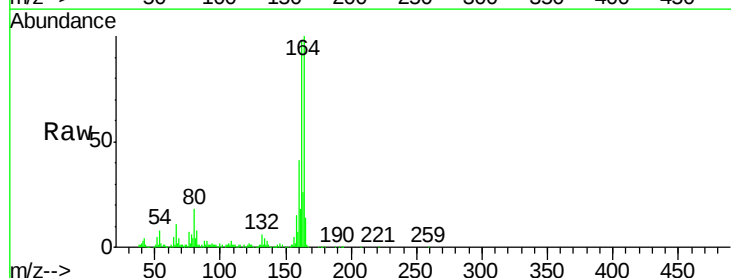
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GTMW-2

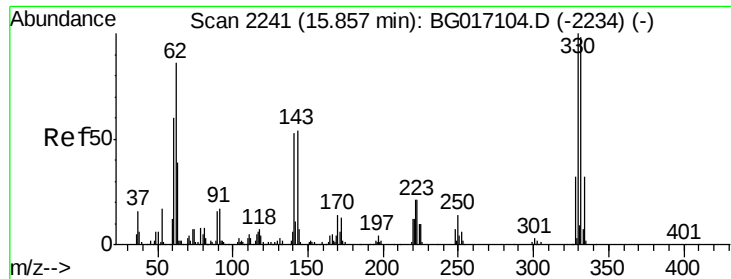
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.6	49.0
54	58.7	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017158.D
 Acq: 15 May 2015 3:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.8	82.1	123.1
160	41.2	34.8	52.2

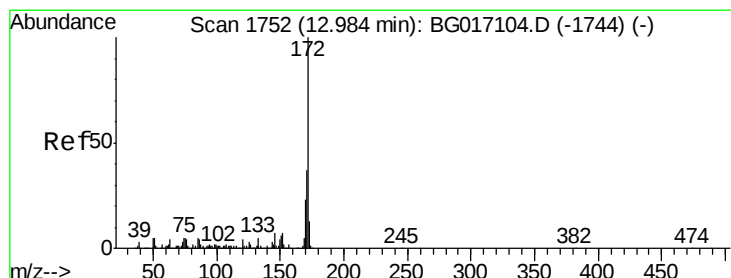
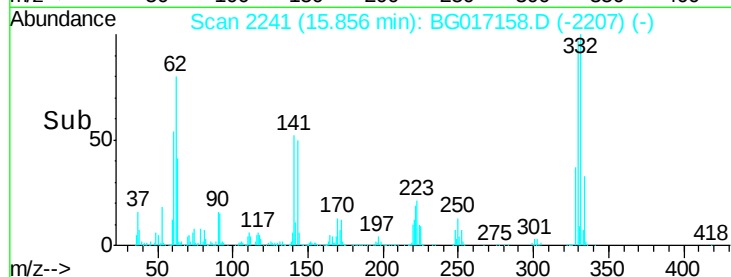
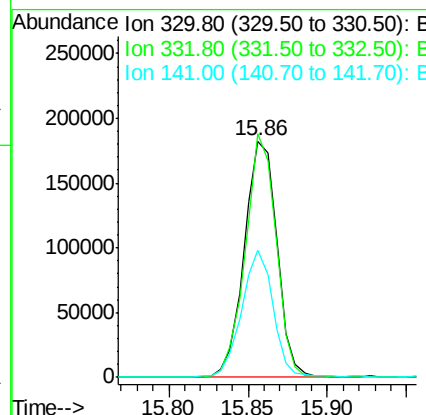
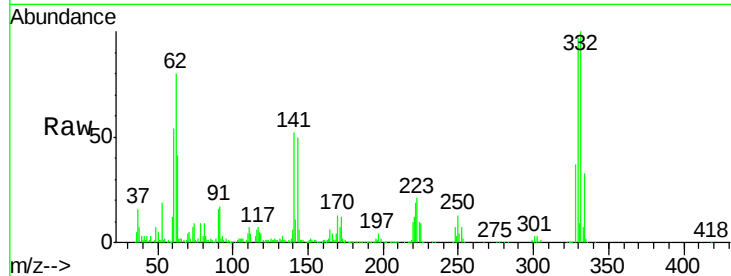




#41
 2,4,6-Tribromophenol
 Concen: 123.77 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017158.D
 Acq: 15 May 2015 3:13

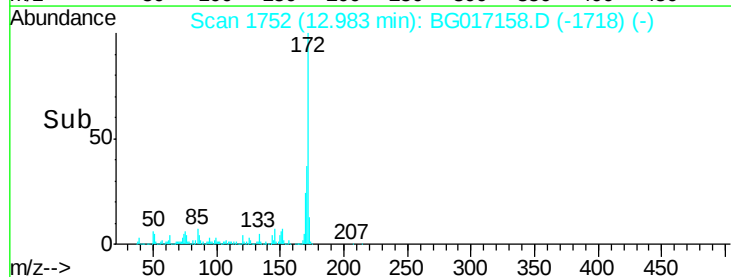
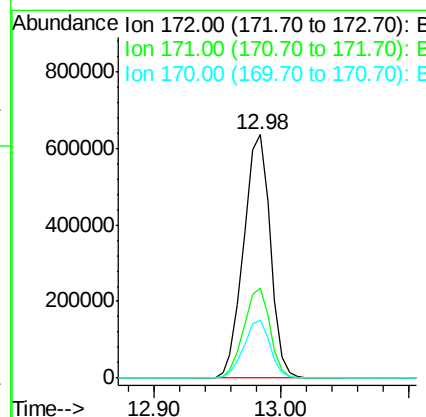
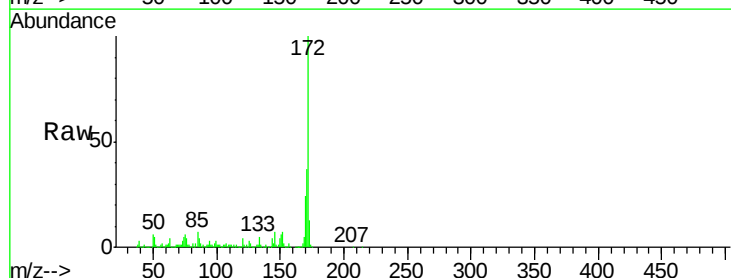
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GTMW-2

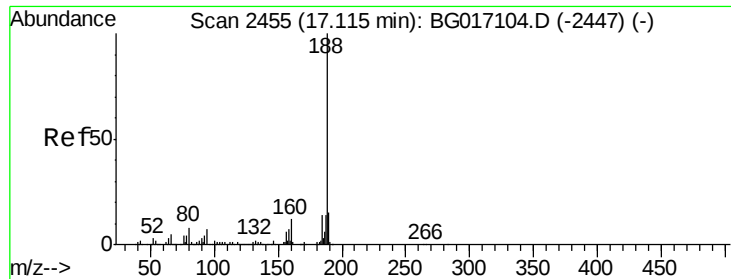
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	51.8	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 77.69 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017158.D
 Acq: 15 May 2015 3:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.0	18.4	27.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG017158.D

Acq: 15 May 2015 3:13

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-2

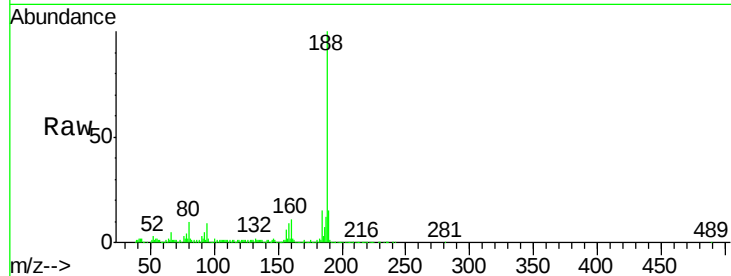
Tgt Ion:188 Resp: 371975

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.6#

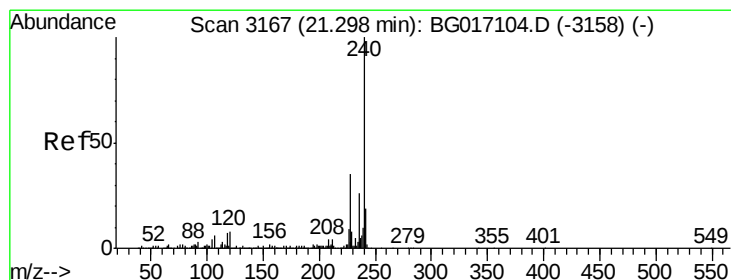
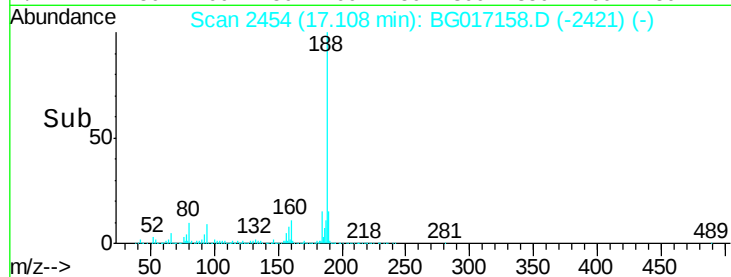
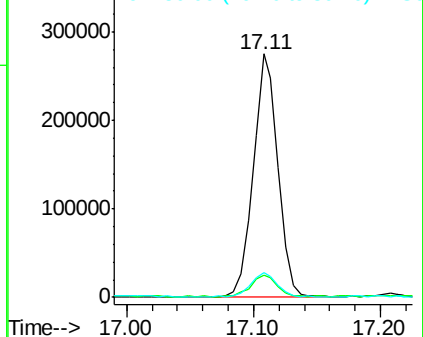
80 10.1 6.5 9.7#



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: 21.30 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG017158.D

Acq: 15 May 2015 3:13

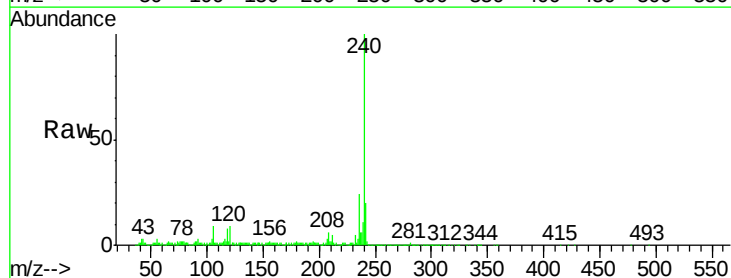
Tgt Ion:240 Resp: 345926

Ion Ratio Lower Upper

240 100

120 9.0 6.0 9.0#

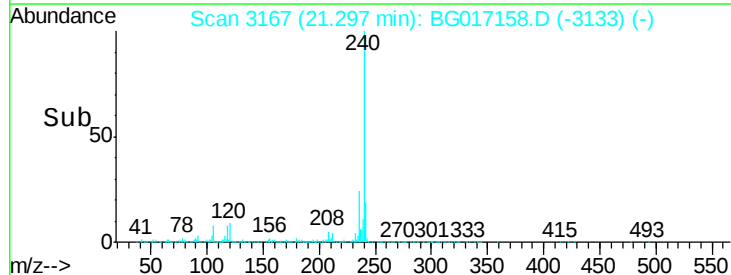
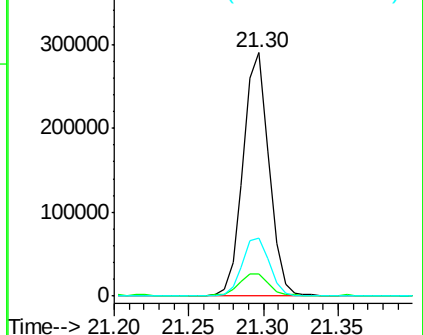
236 23.7 20.5 30.7

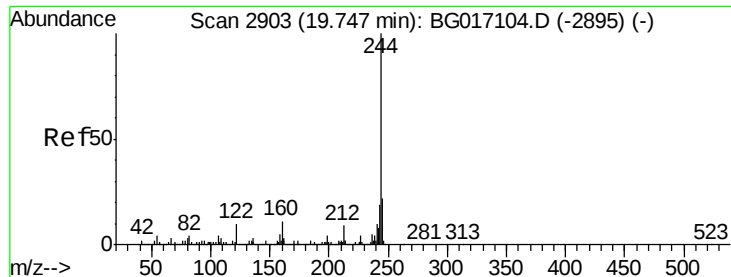


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.15 ng

RT: 19.75 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017158.D

Acq: 15 May 2015 3:13

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-2

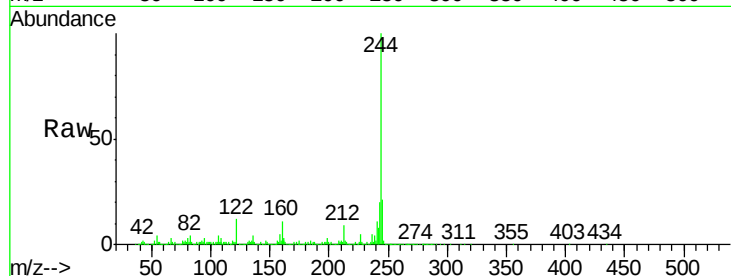
Tgt Ion:244 Resp: 1147942

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

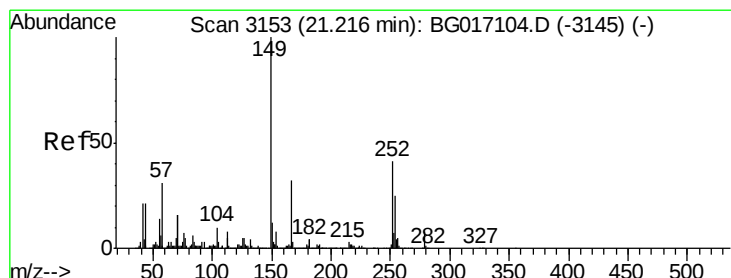
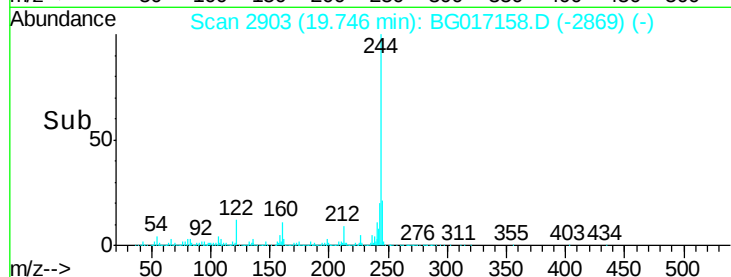
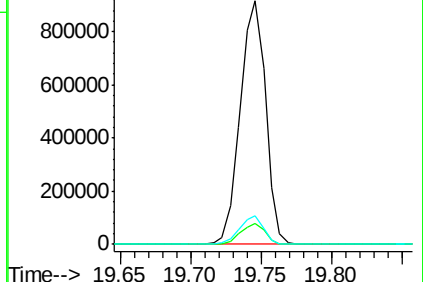
122 11.7 8.4 12.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 36.24 ng

RT: 21.21 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG017158.D

Acq: 15 May 2015 3:13

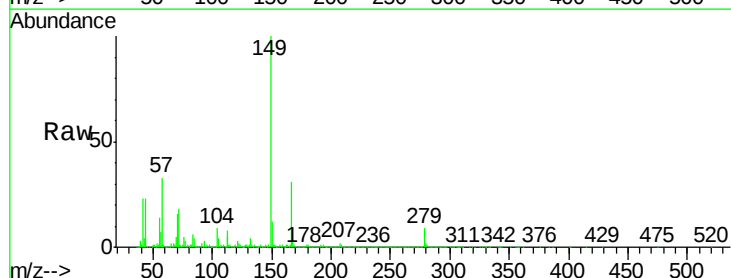
Tgt Ion:149 Resp: 497055

Ion Ratio Lower Upper

149 100

167 31.2 25.4 38.2

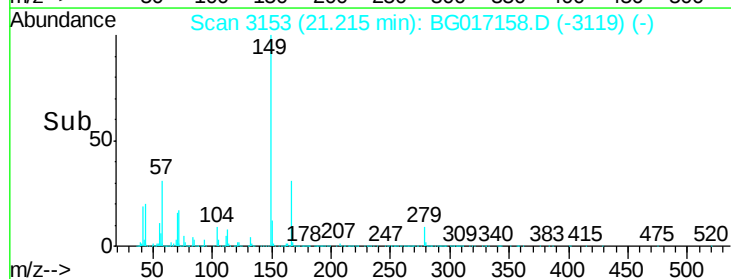
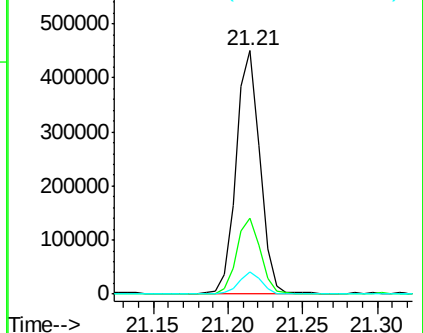
279 9.1 6.8 10.2

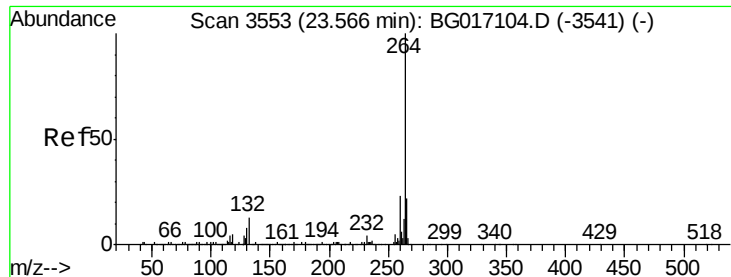


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

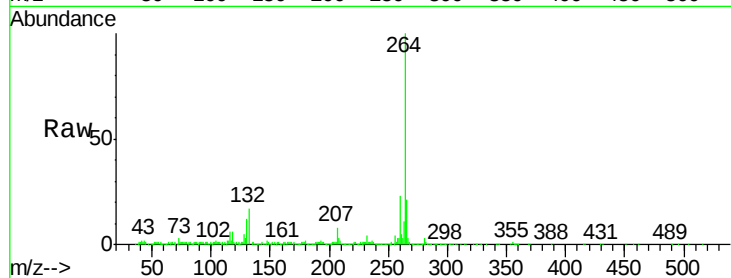




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG017158.D
Acq: 15 May 2015 3:13

Instrument :
BNA_G
ClientSampleId :
RAV-GTMW-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.0	27.0
265	20.5	17.4	26.0



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

