

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017157.D
 Acq On : 15 May 2015 2:38
 Operator : TP/IZ
 Sample : G2179-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GTMW-3

Quant Time: May 15 04:34:41 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

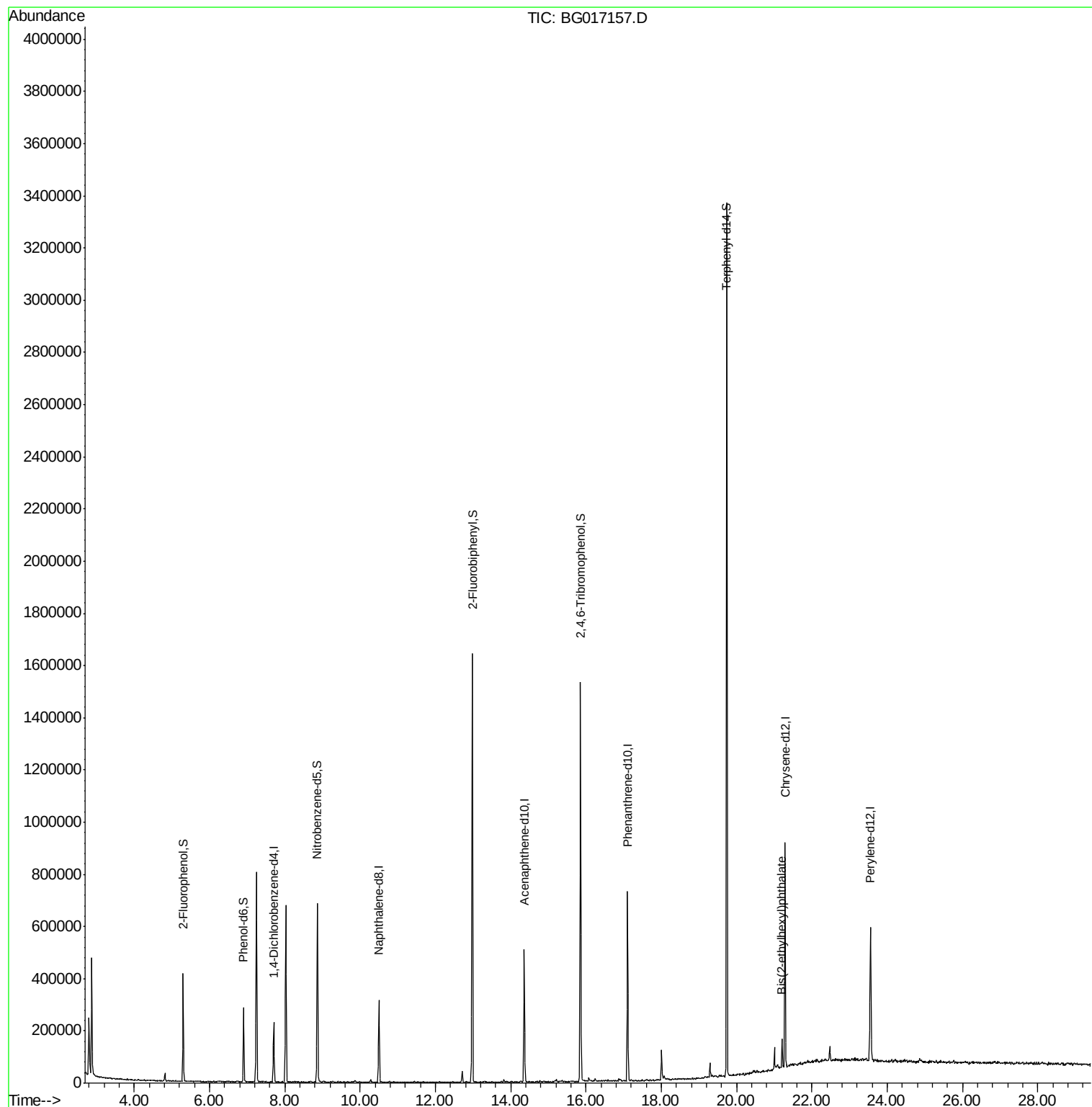
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	52706	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	225760	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	153623	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	364405	20.00	ng	0.00
75) Chrysene-d12	21.29	240	364477	20.00	ng	0.00
86) Perylene-d12	23.56	264	350628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	146119	49.19	ng	0.00
7) Phenol-d6	6.91	99	128911	30.92	ng	0.00
23) Nitrobenzene-d5	8.86	82	353362	73.08	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	211103	113.68	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	756184	72.23	ng	0.00
78) Terphenyl-d14	19.75	244	1278173	73.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.86	77	59	Below Cal	#	6
83) Bis(2-ethylhexyl)phthalate	21.21	149	32602	2.26 ng	#	98

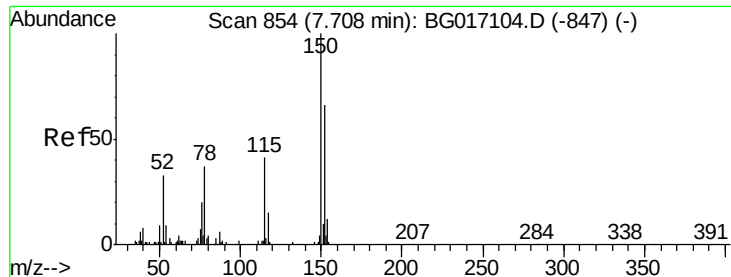
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017157.D

Acq: 15 May 2015 2:38

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-3

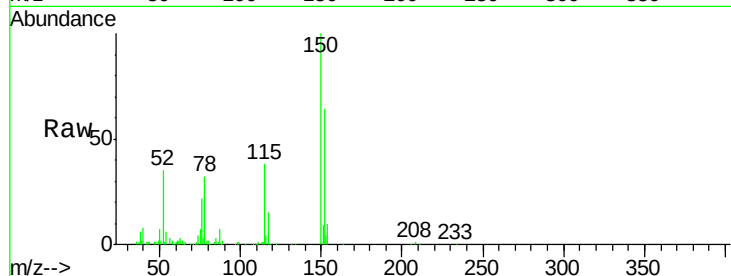
Tgt Ion:152 Resp: 52706

Ion Ratio Lower Upper

152 100

150 157.4 120.8 181.2

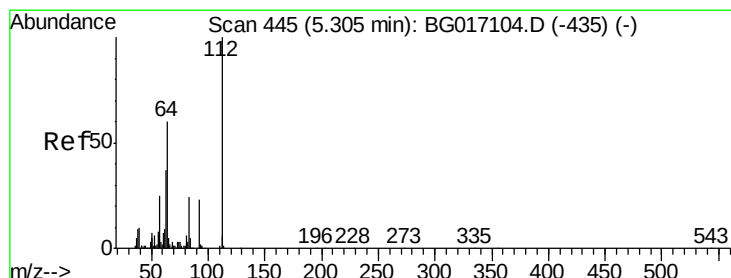
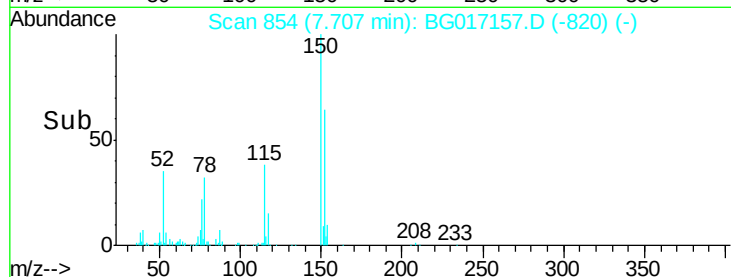
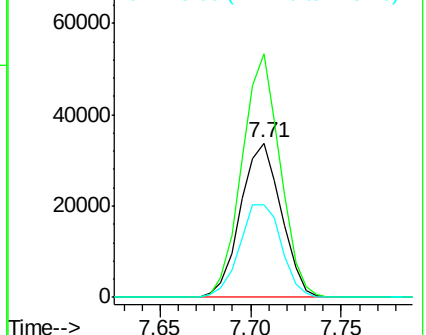
115 60.2 49.4 74.2



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: 49.19 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017157.D

Acq: 15 May 2015 2:38

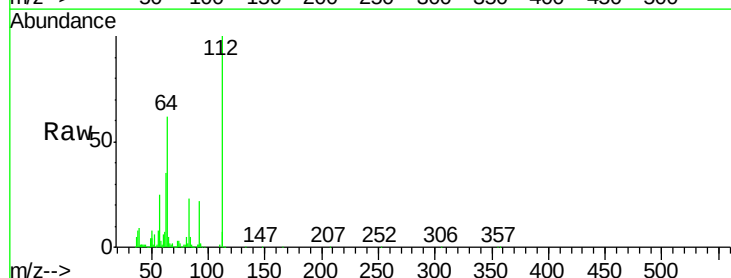
Tgt Ion:112 Resp: 146119

Ion Ratio Lower Upper

112 100

64 61.9 48.1 72.1

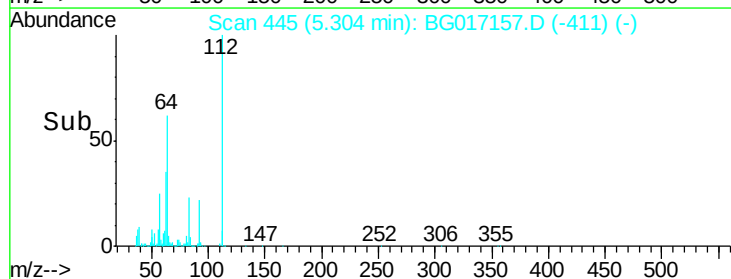
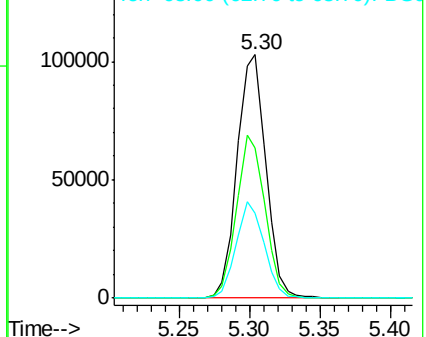
63 34.8 29.8 44.8

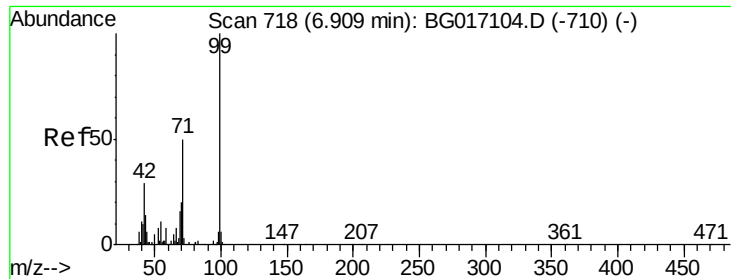


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.92 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017157.D

Acq: 15 May 2015 2:38

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-3

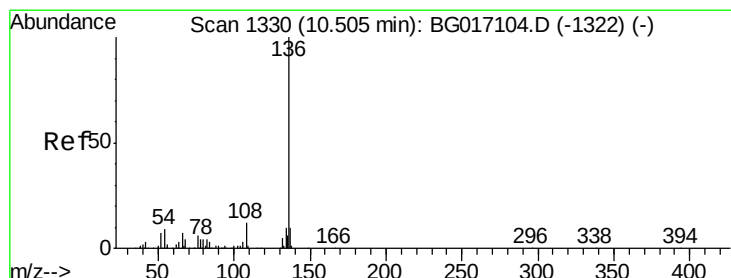
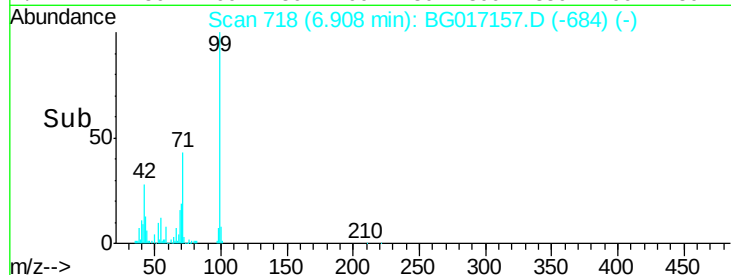
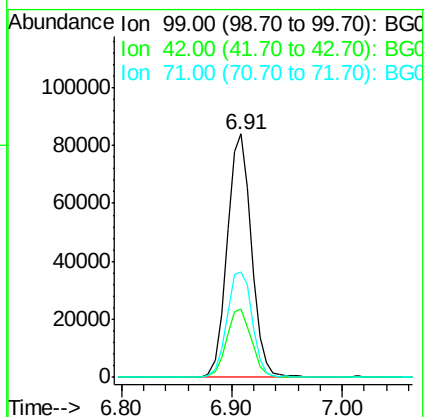
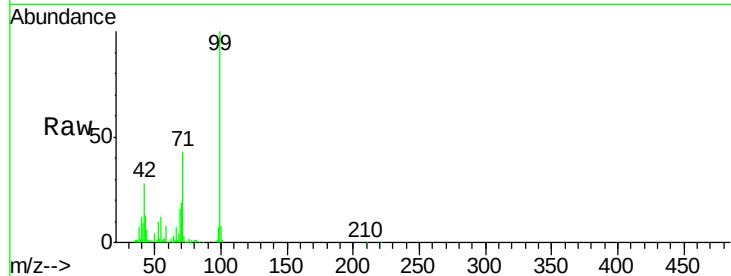
Tgt Ion: 99 Resp: 128911

Ion Ratio Lower Upper

99 100

42 28.1 23.5 35.3

71 43.4 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BG017157.D

Acq: 15 May 2015 2:38

Tgt Ion: 136 Resp: 225760

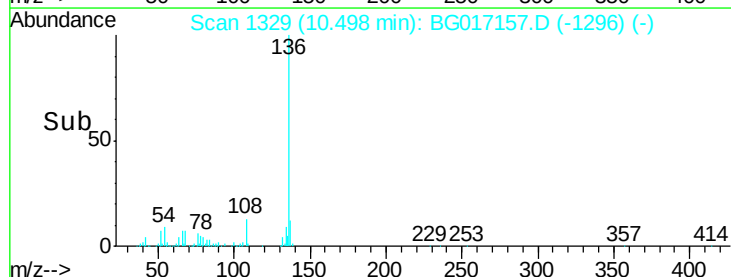
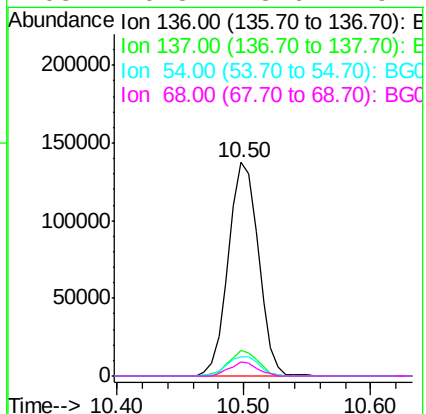
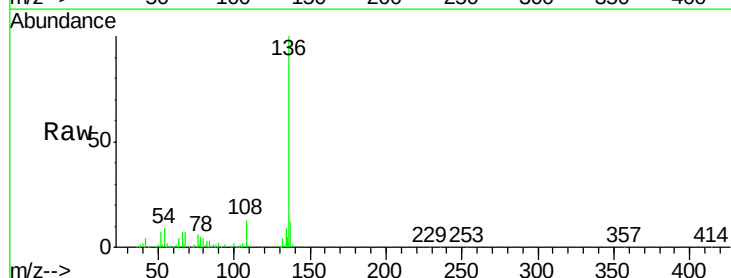
Ion Ratio Lower Upper

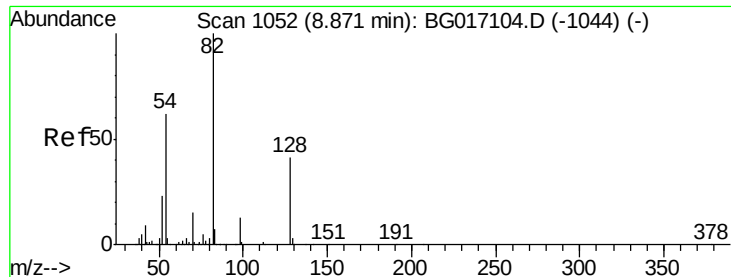
136 100

137 11.7 8.3 12.5

54 8.9 7.4 11.2

68 6.8 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 73.08 ng

RT: 8.86 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BG017157.D

Acq: 15 May 2015 2:38

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-3

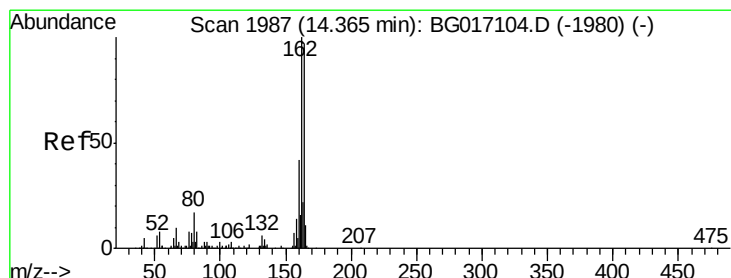
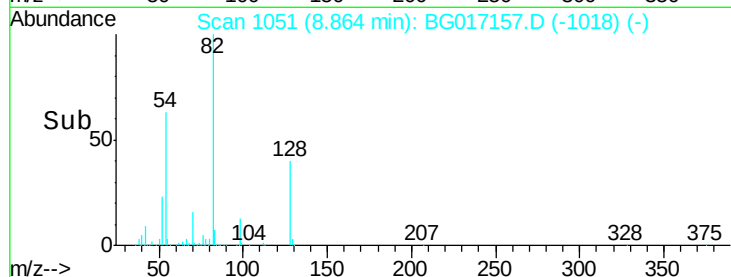
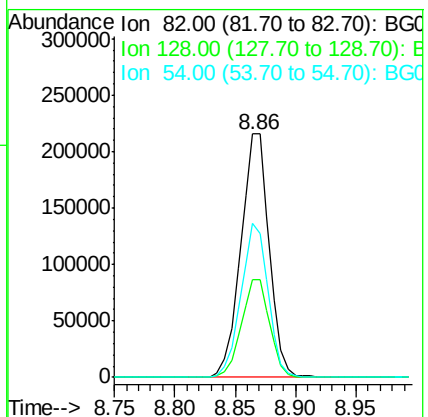
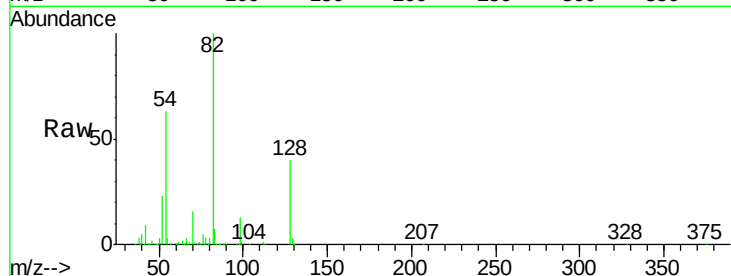
Tgt Ion: 82 Resp: 353362

Ion Ratio Lower Upper

82 100

128 40.0 32.6 49.0

54 63.5 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: BG017157.D

Acq: 15 May 2015 2:38

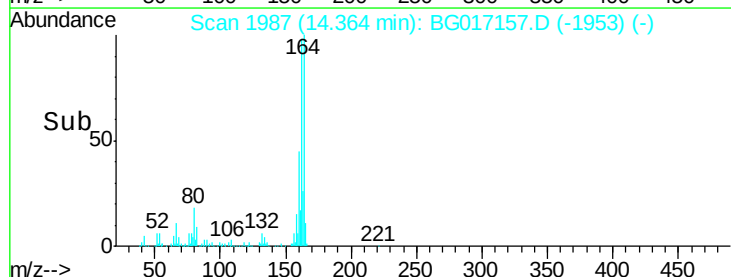
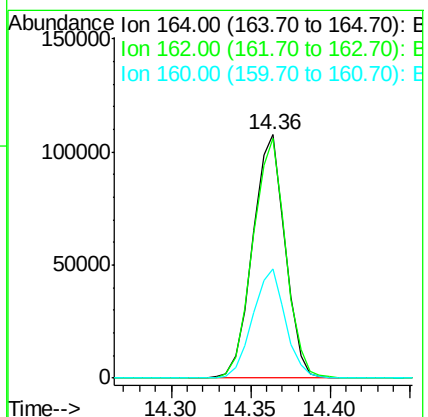
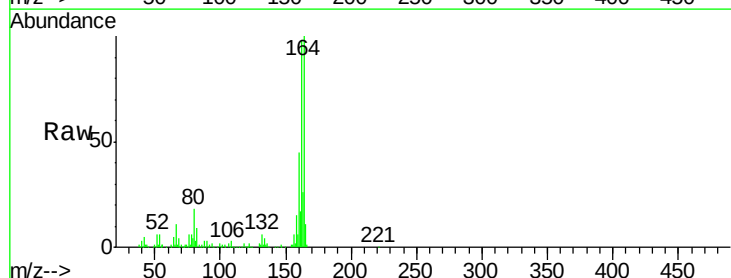
Tgt Ion: 164 Resp: 153623

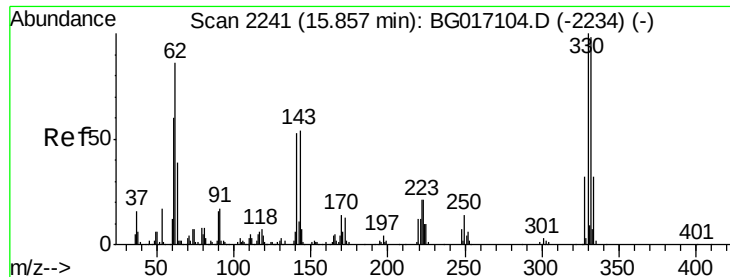
Ion Ratio Lower Upper

164 100

162 98.3 82.1 123.1

160 44.7 34.8 52.2

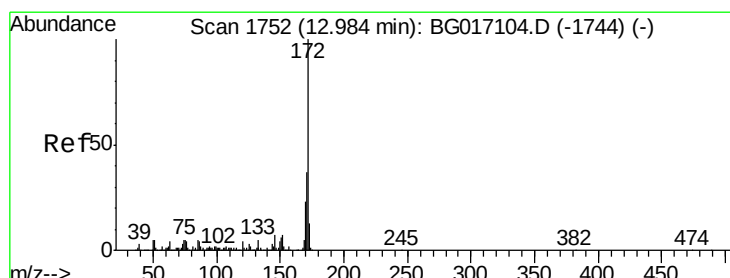
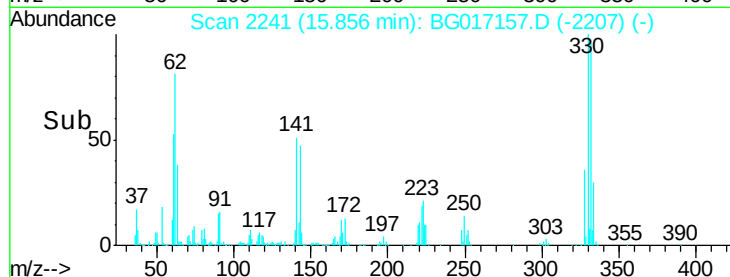
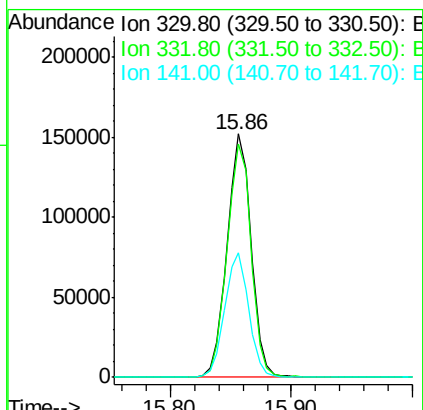
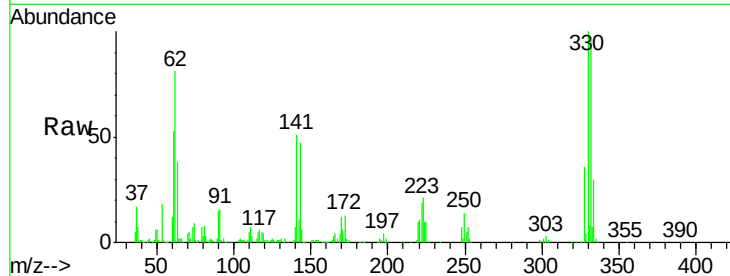




#41
 2,4,6-Tribromophenol
 Concen: 113.68 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017157.D
 Acq: 15 May 2015 2:38

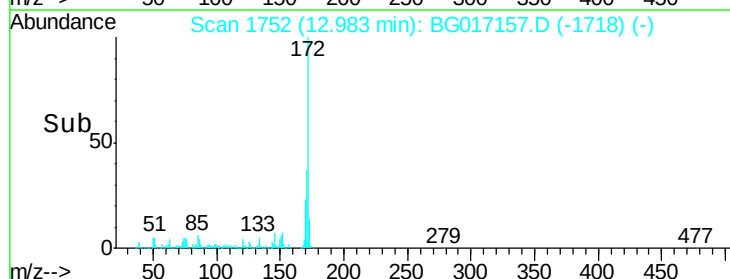
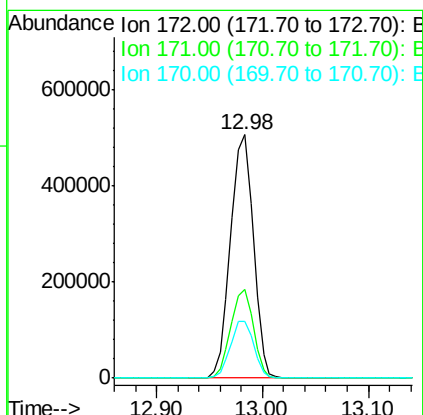
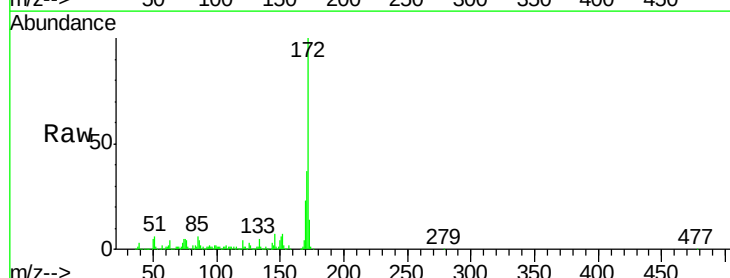
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GTMW-3

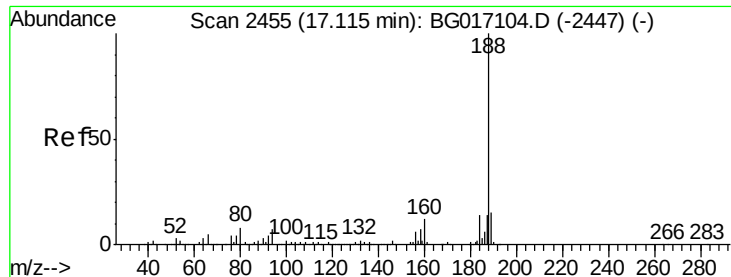
Tgt Ion:330 Resp: 211103
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 50.6 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 72.23 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017157.D
 Acq: 15 May 2015 2:38

Tgt Ion:172 Resp: 756184
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 23.1 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: BG017157.D

Acq: 15 May 2015 2:38

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-3

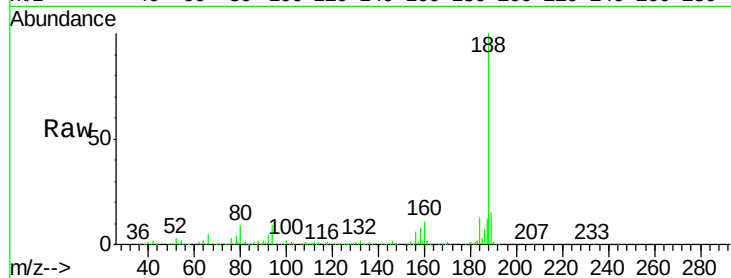
Tgt Ion:188 Resp: 364405

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.6#

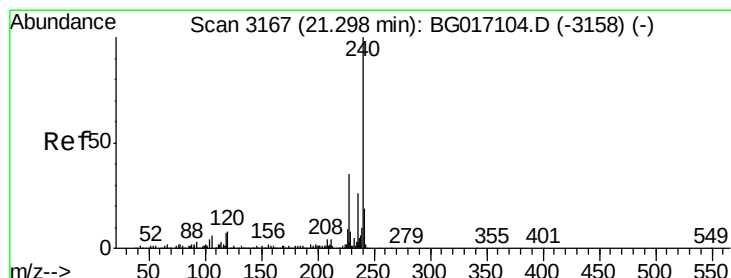
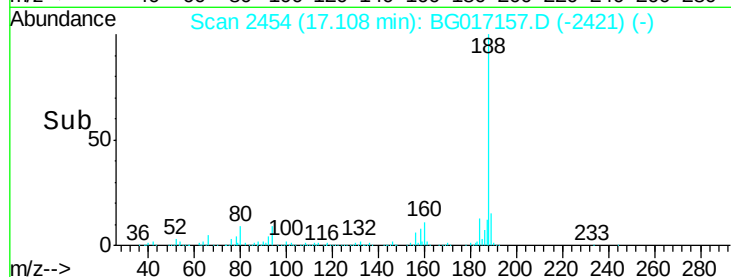
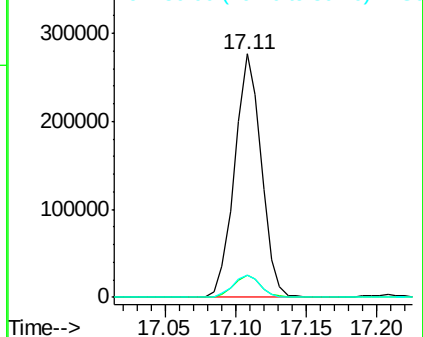
80 9.0 6.5 9.7



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: 21.29 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG017157.D

Acq: 15 May 2015 2:38

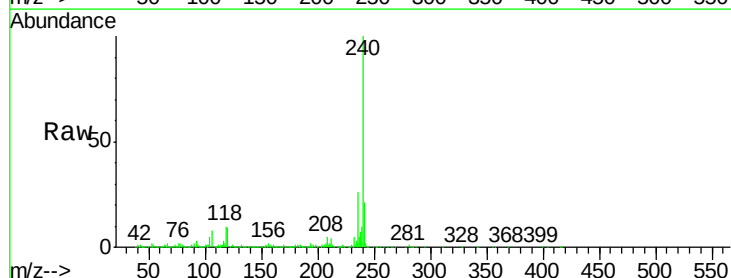
Tgt Ion:240 Resp: 364477

Ion Ratio Lower Upper

240 100

120 9.4 6.0 9.0#

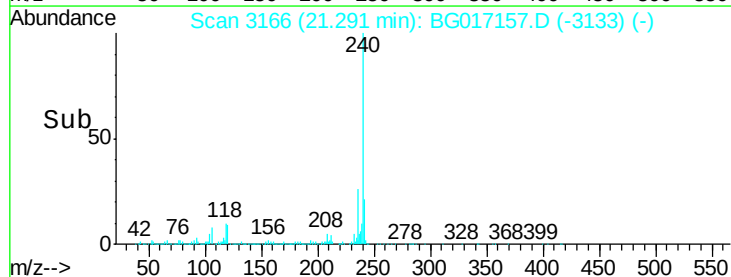
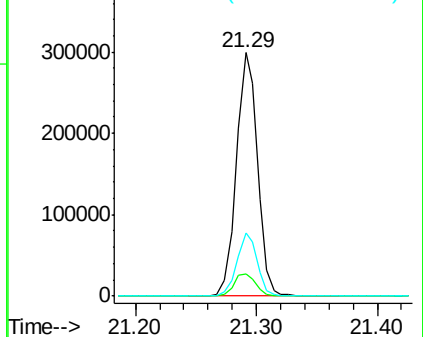
236 26.1 20.5 30.7

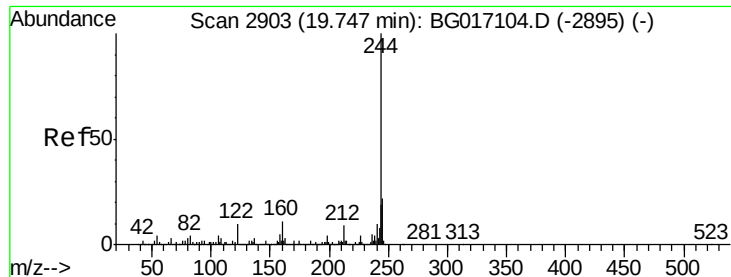


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.08 ng

RT: 19.75 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017157.D

Acq: 15 May 2015 2:38

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-3

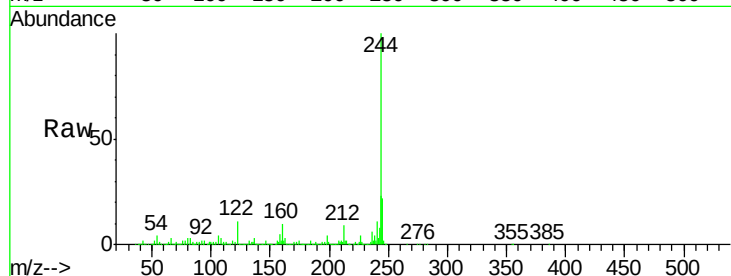
Tgt Ion:244 Resp: 1278173

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

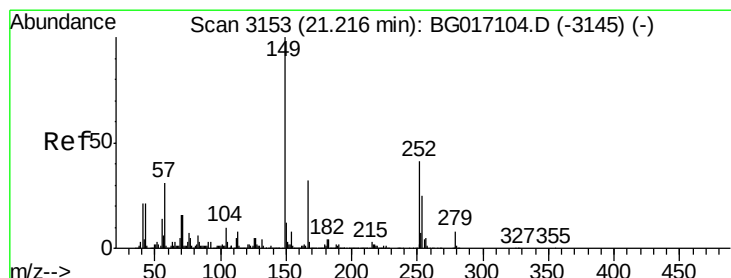
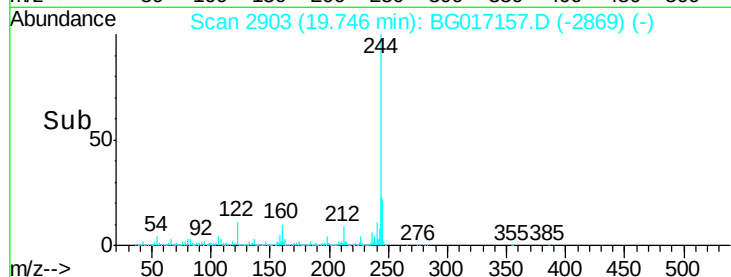
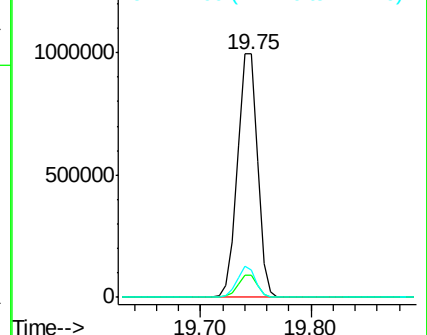
122 11.1 8.4 12.6



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: 2.26 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG017157.D

Acq: 15 May 2015 2:38

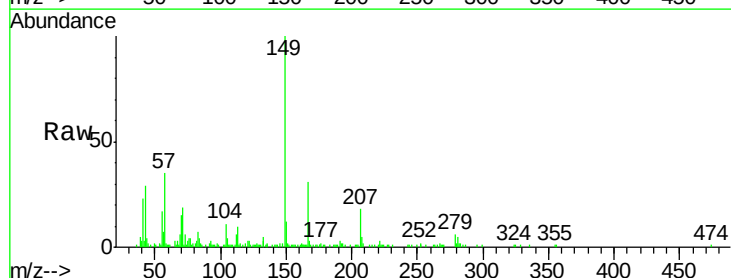
Tgt Ion:149 Resp: 32602

Ion Ratio Lower Upper

149 100

167 31.4 25.4 38.2

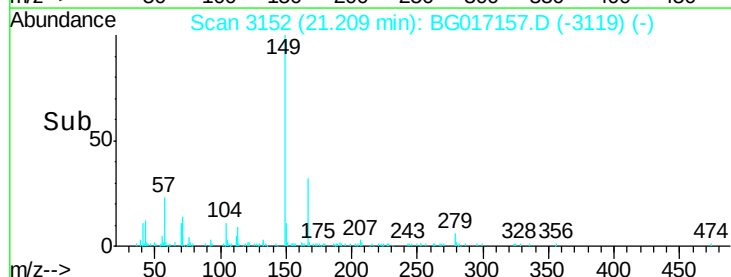
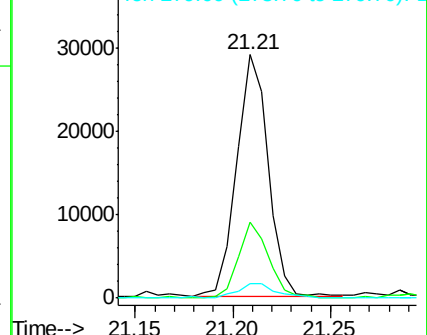
279 5.9 6.8 10.2#

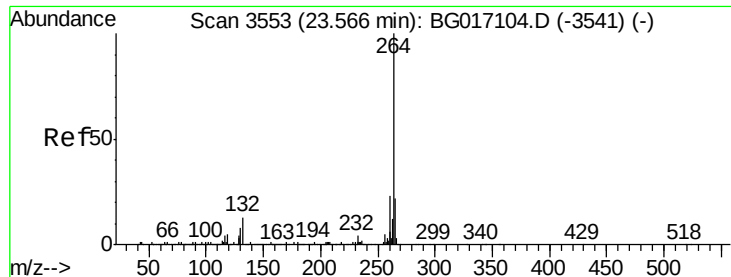


Abundance Ion 149.00 (148.70 to 149.70): E

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: BG017157.D
Acq: 15 May 2015 2:38

Instrument :
BNA_G
ClientSampleId :
RAV-GTMW-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.0	27.0
265	21.3	17.4	26.0

