

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017160.D
 Acq On : 15 May 2015 4:22
 Operator : TP/IZ
 Sample : G2179-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-MW-6

Quant Time: May 15 06:13:59 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

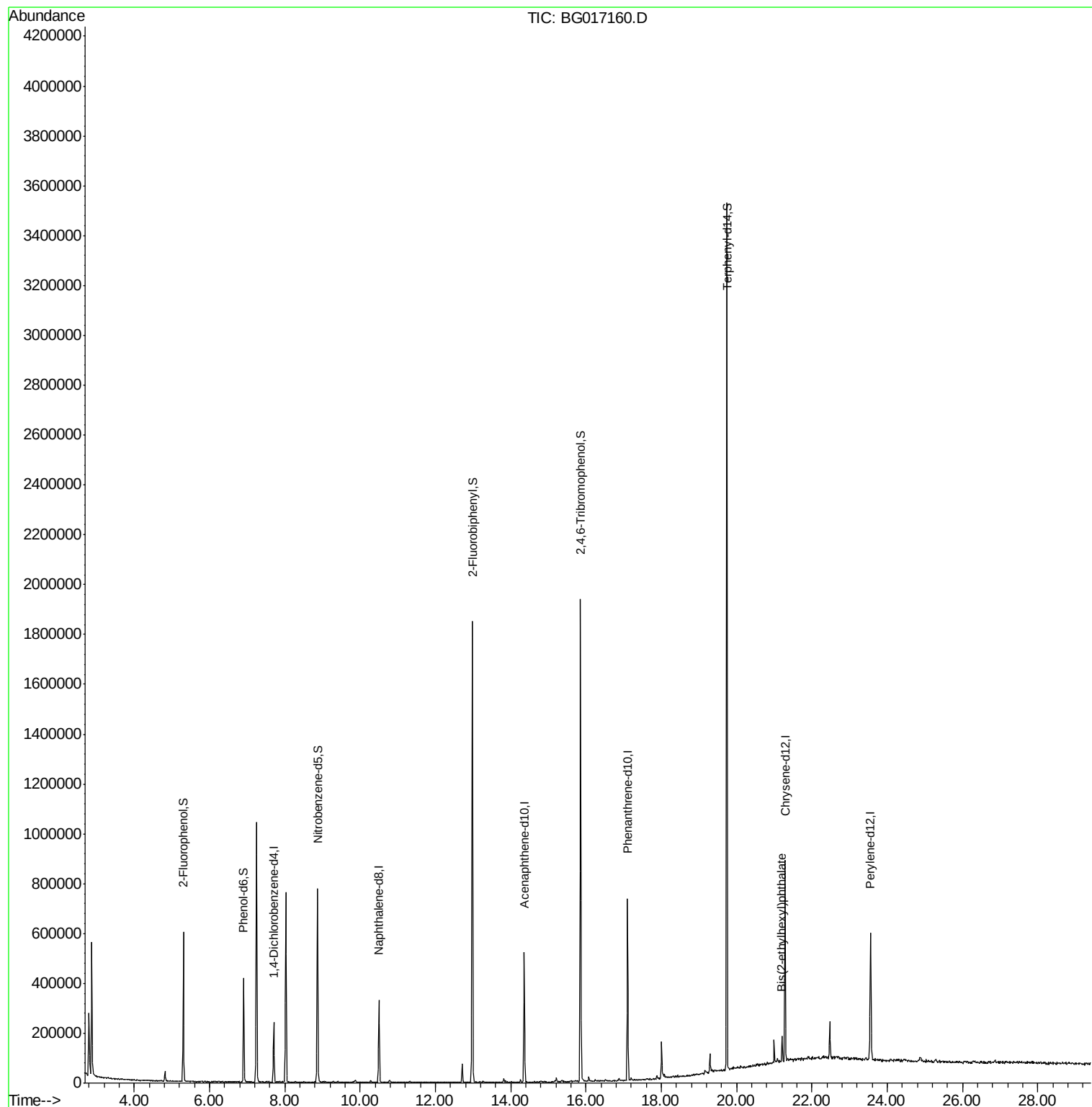
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	51910	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	238521	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	162940	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	371067	20.00	ng	0.00
75) Chrysene-d12	21.29	240	353873	20.00	ng	0.00
86) Perylene-d12	23.56	264	347534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	206435	70.56	ng	0.00
7) Phenol-d6	6.91	99	186316	45.38	ng	0.00
23) Nitrobenzene-d5	8.87	82	395624	77.44	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	256119	130.03	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	833173	75.03	ng	0.00
78) Terphenyl-d14	19.75	244	1318115	77.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.84	77	94	Below Cal	#	6
83) Bis(2-ethylhexyl)phthalate	21.21	149	28573	2.04 ng	#	98

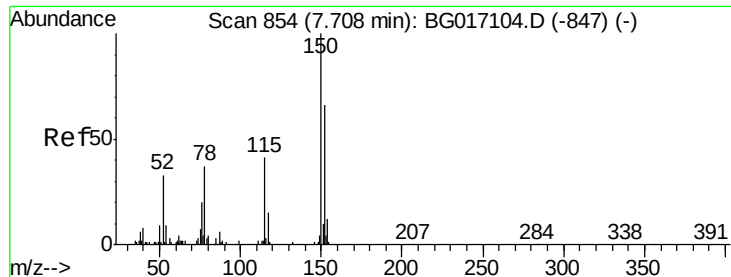
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017160.D

Acq: 15 May 2015 4:22

Instrument :

BNA_G

ClientSampleId :

RAV-MW-6

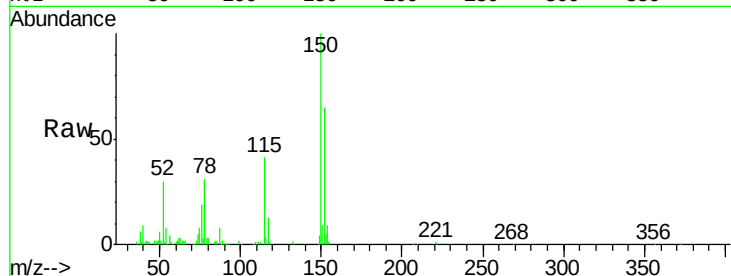
Tgt Ion:152 Resp: 51910

Ion Ratio Lower Upper

152 100

150 154.1 120.8 181.2

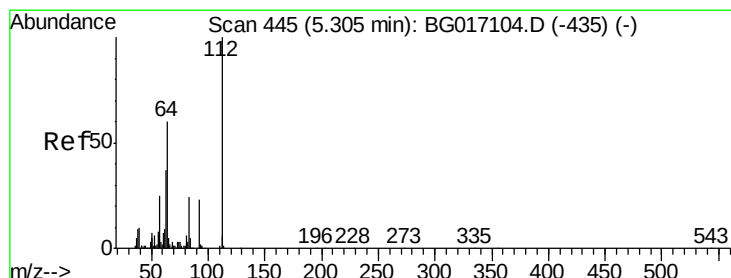
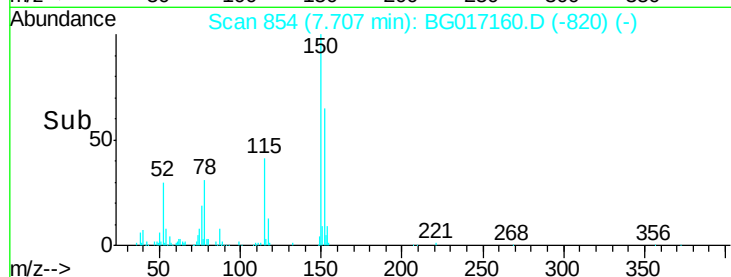
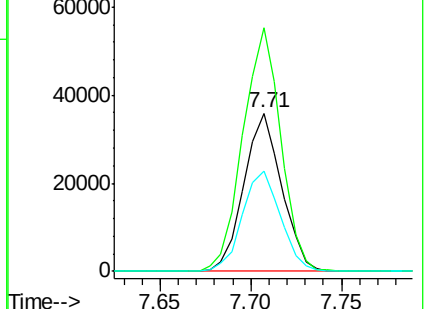
115 63.4 49.4 74.2



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: 70.56 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017160.D

Acq: 15 May 2015 4:22

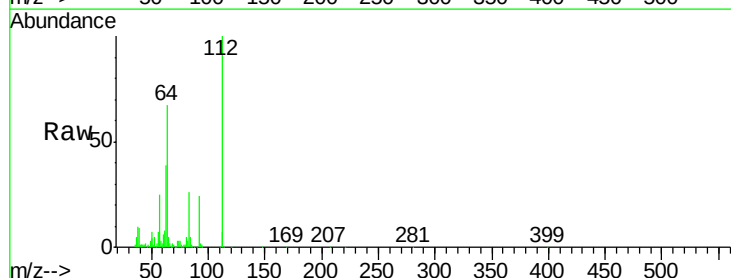
Tgt Ion:112 Resp: 206435

Ion Ratio Lower Upper

112 100

64 66.8 48.1 72.1

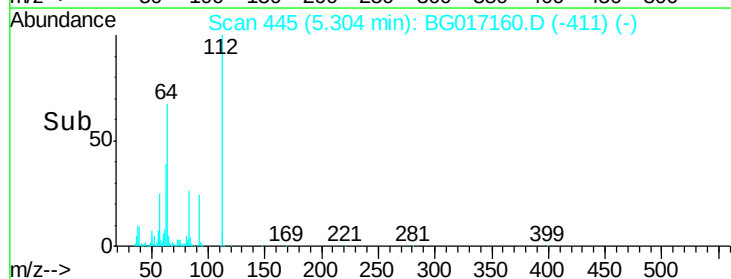
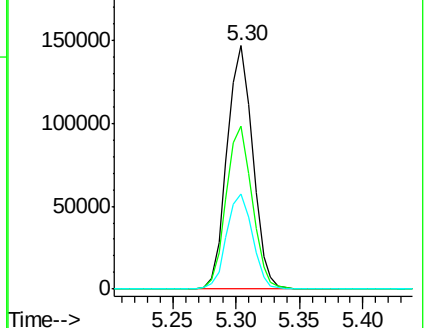
63 39.3 29.8 44.8

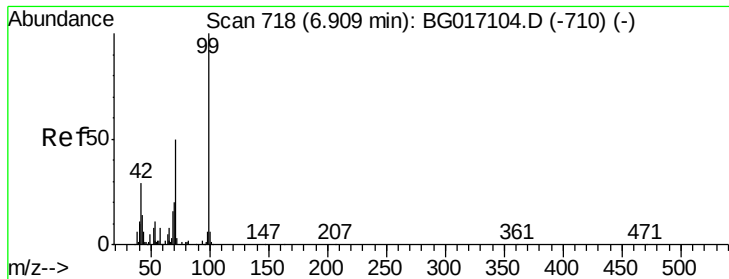


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 45.38 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017160.D

Acq: 15 May 2015 4:22

Instrument :

BNA_G

ClientSampleId :

RAV-MW-6

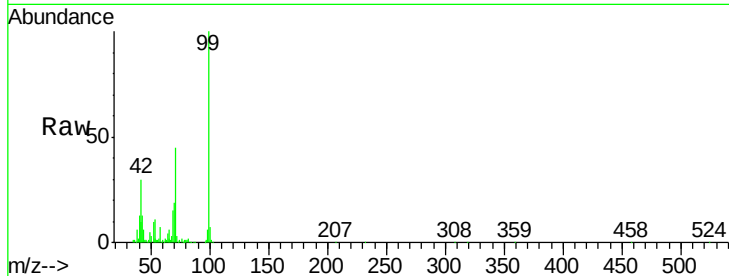
Tgt Ion: 99 Resp: 186316

Ion Ratio Lower Upper

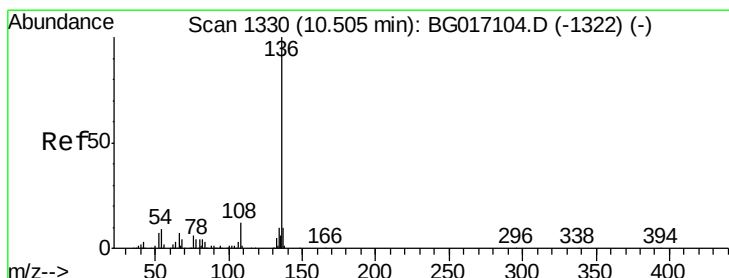
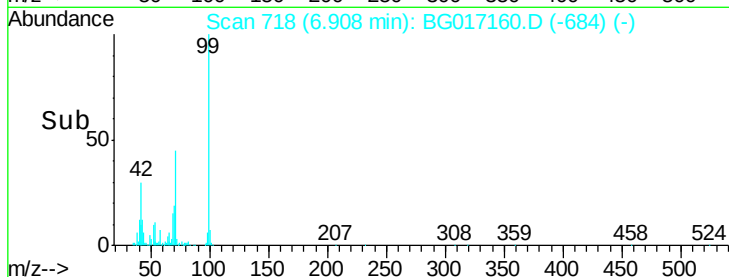
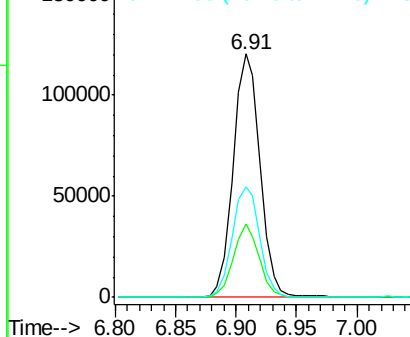
99 100

42 30.1 23.5 35.3

71 45.2 39.8 59.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BG017160.D

Acq: 15 May 2015 4:22

Tgt Ion: 136 Resp: 238521

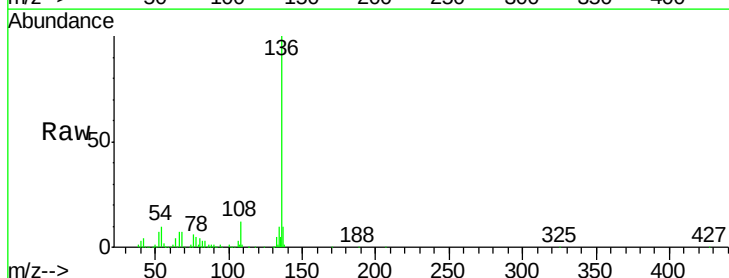
Ion Ratio Lower Upper

136 100

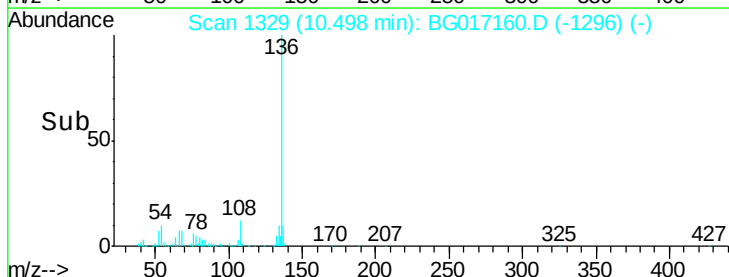
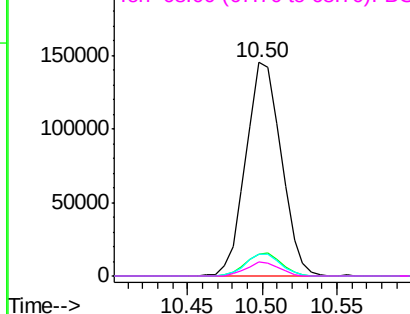
137 10.2 8.3 12.5

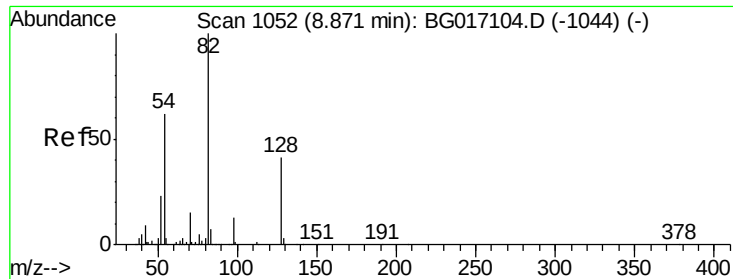
54 10.3 7.4 11.2

68 6.5 3.6 5.4#



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: 77.44 ng

RT: 8.87 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BG017160.D

Acq: 15 May 2015 4:22

Instrument :

BNA_G

ClientSampleId :

RAV-MW-6

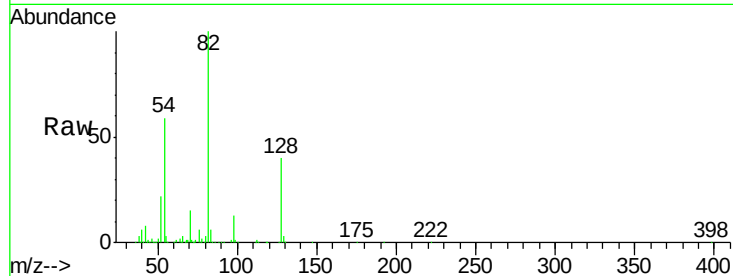
Tgt Ion: 82 Resp: 395624

Ion Ratio Lower Upper

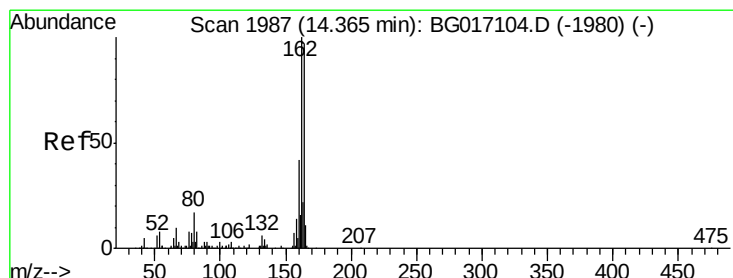
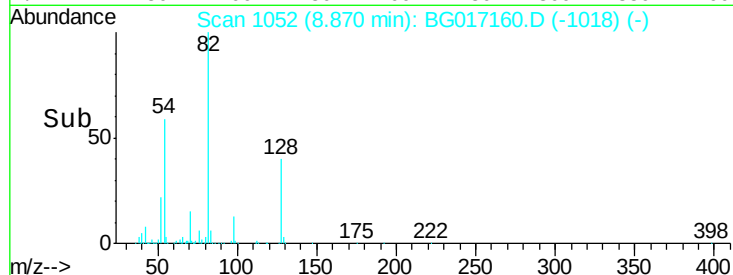
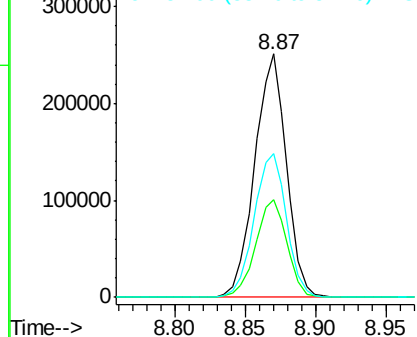
82 100

128 40.2 32.6 49.0

54 58.9 49.6 74.4



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.36 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG017160.D

Acq: 15 May 2015 4:22

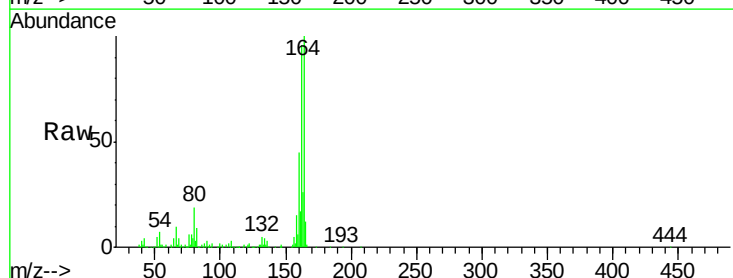
Tgt Ion: 164 Resp: 162940

Ion Ratio Lower Upper

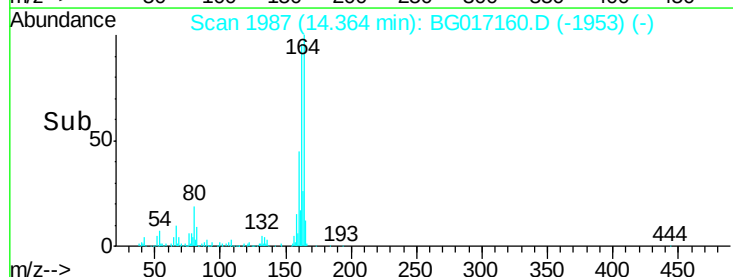
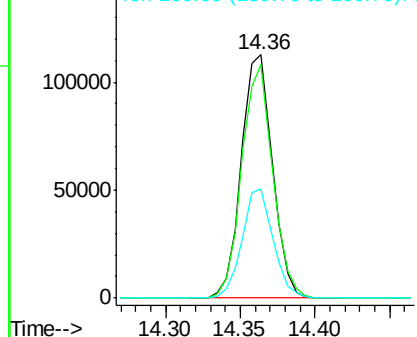
164 100

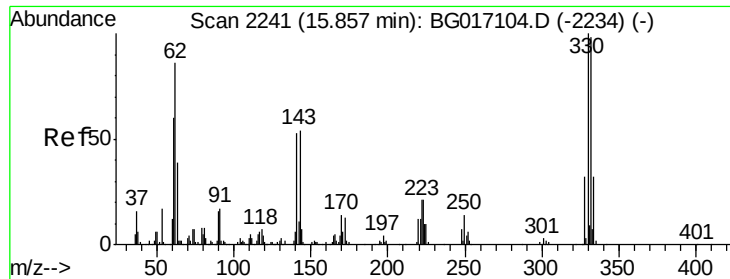
162 96.1 82.1 123.1

160 45.0 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

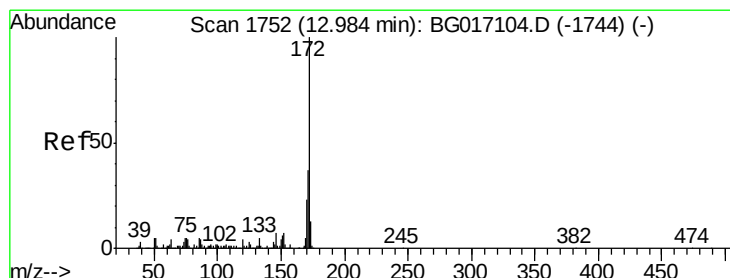
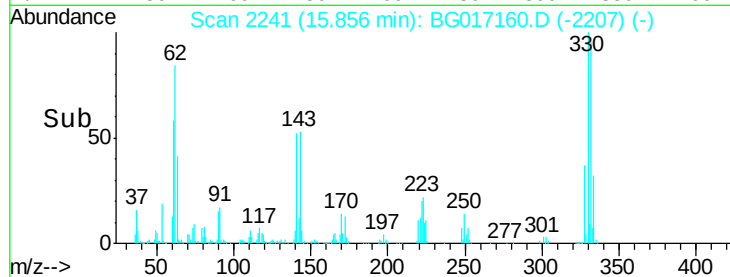
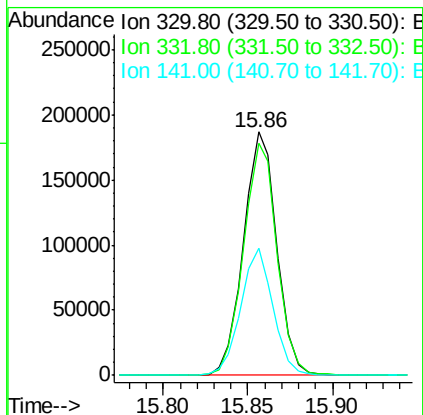
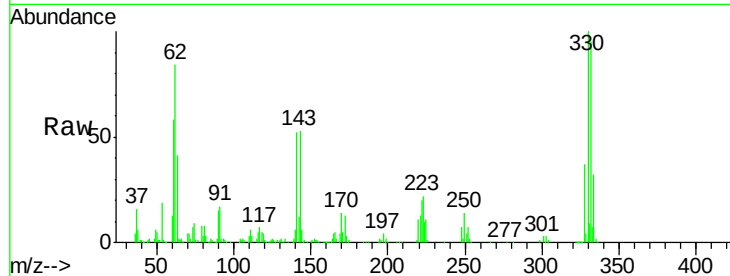




#41
 2,4,6-Tribromophenol
 Concen: 130.03 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017160.D
 Acq: 15 May 2015 4:22

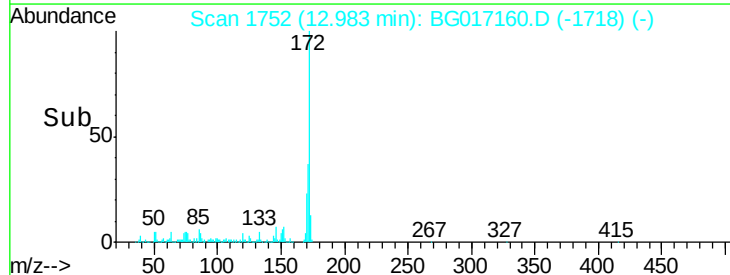
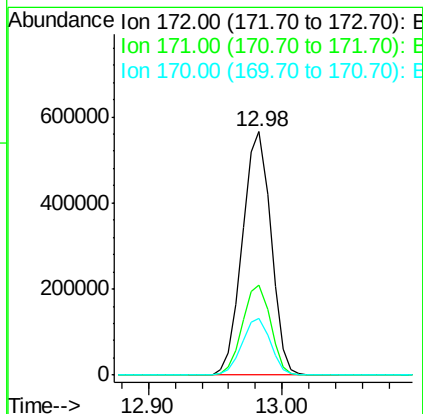
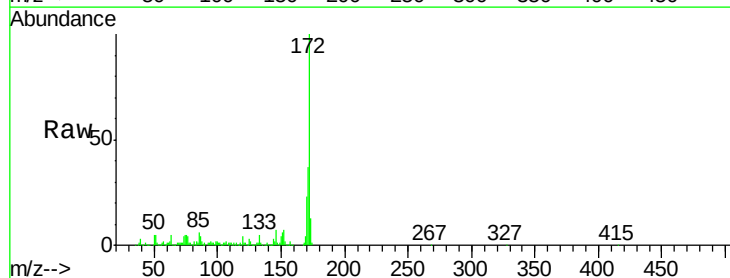
Instrument :
 BNA_G
 ClientSampleId :
 RAV-MW-6

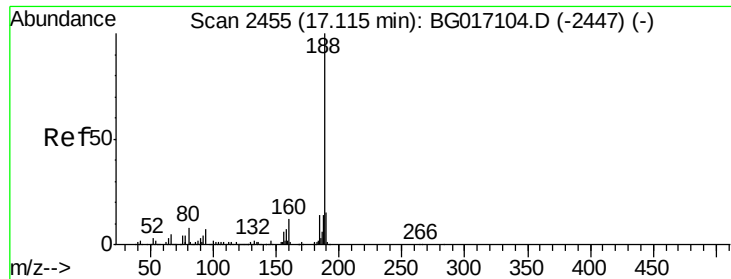
Tgt Ion: 330 Resp: 256119
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.9 115.3
 141 50.4 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 75.03 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017160.D
 Acq: 15 May 2015 4:22

Tgt Ion: 172 Resp: 833173
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 23.3 18.4 27.6

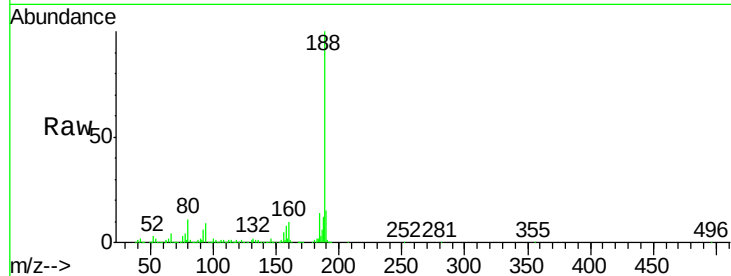




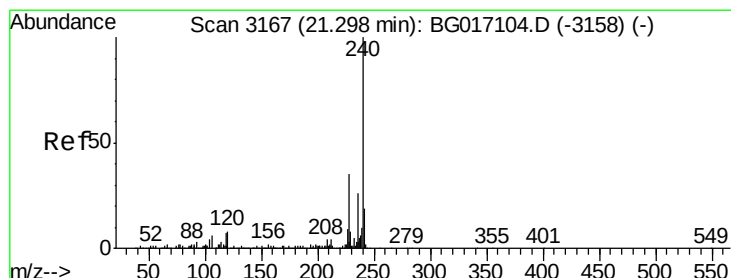
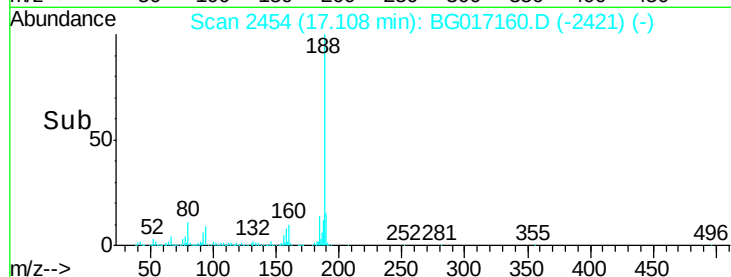
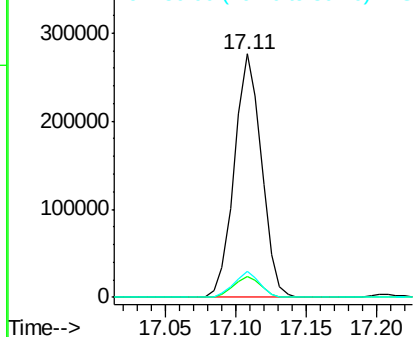
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017160.D
Acq: 15 May 2015 4:22

Instrument :
BNA_G
ClientSampleId :
RAV-MW-6

Tgt Ion:188 Resp: 371067
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.6#
80 10.6 6.5 9.7#

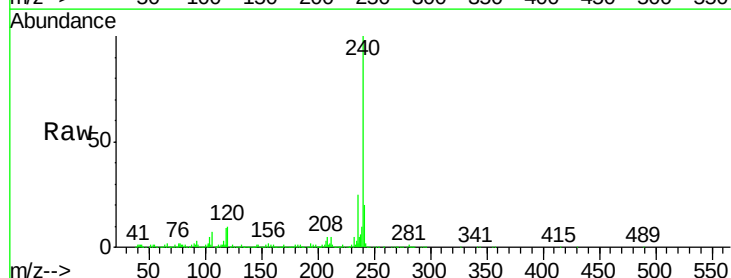


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

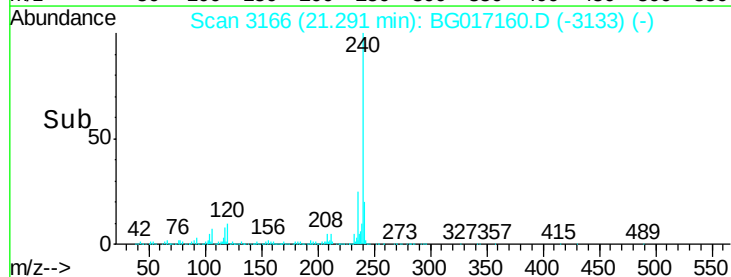
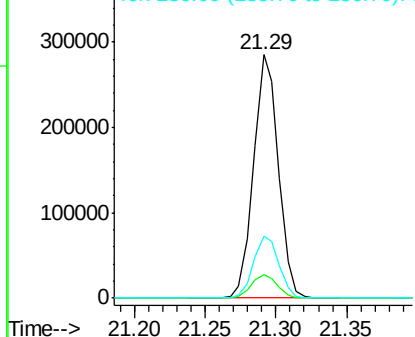


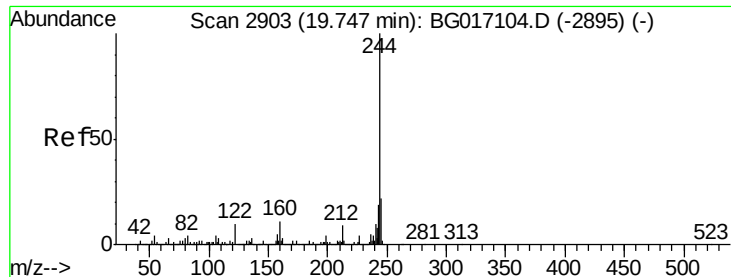
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017160.D
Acq: 15 May 2015 4:22

Tgt Ion:240 Resp: 353873
Ion Ratio Lower Upper
240 100
120 9.9 6.0 9.0#
236 25.4 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: 77.62 ng

RT: 19.75 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017160.D

Acq: 15 May 2015 4:22

Instrument :

BNA_G

ClientSampleId :

RAV-MW-6

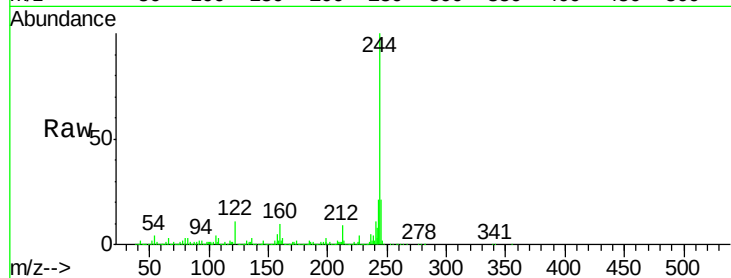
Tgt Ion:244 Resp: 1318115

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

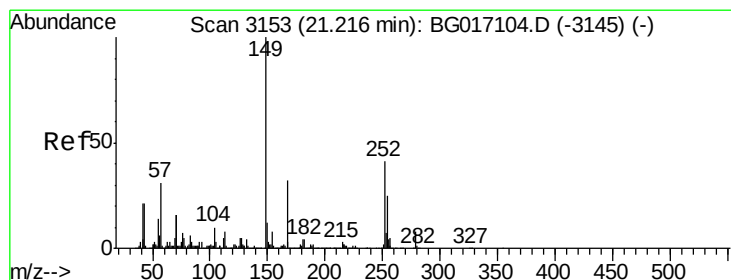
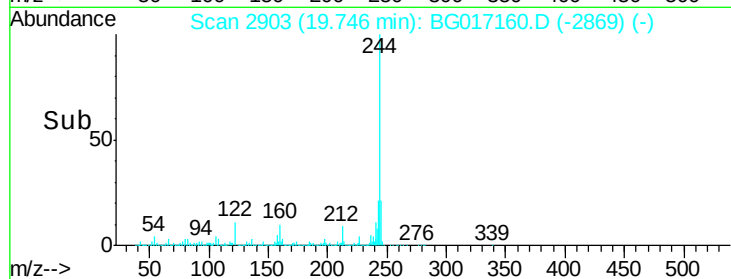
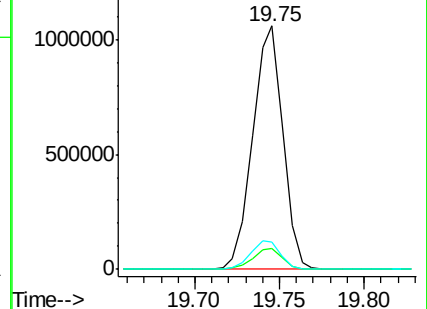
122 11.3 8.4 12.6



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: 2.04 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG017160.D

Acq: 15 May 2015 4:22

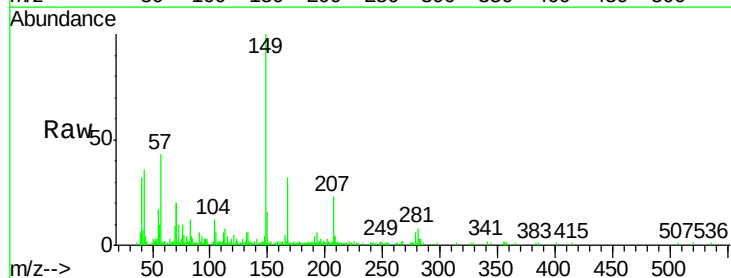
Tgt Ion:149 Resp: 28573

Ion Ratio Lower Upper

149 100

167 32.1 25.4 38.2

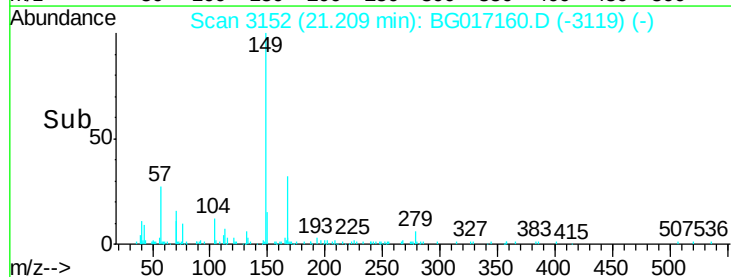
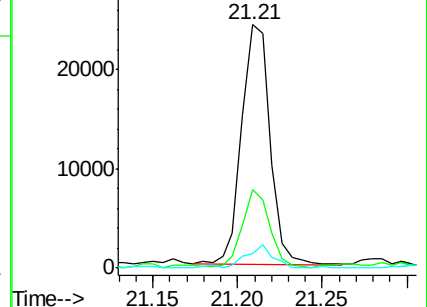
279 5.9 6.8 10.2#

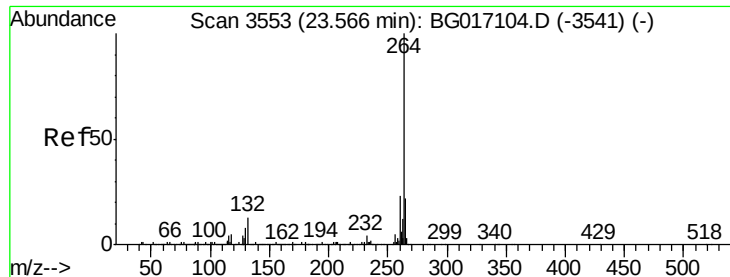


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

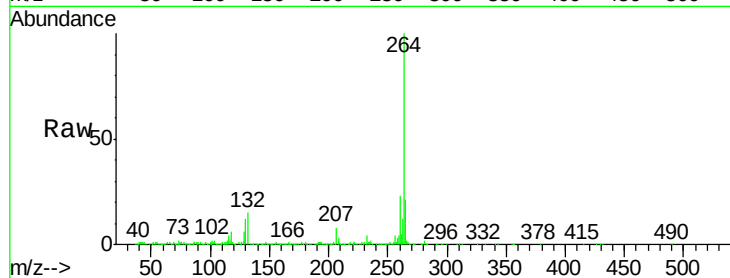




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG017160.D
Acq: 15 May 2015 4:22

Instrument :
BNA_G
ClientSampleId :
RAV-MW-6

Tgt Ion:	264	Resp:	347534
Ion Ratio		Lower	Upper
264	100		
260	23.0	18.0	27.0
265	21.2	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

