

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017161.D
 Acq On : 15 May 2015 4:57
 Operator : TP/IZ
 Sample : G2179-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GTMW-5

Quant Time: May 15 06:14:07 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

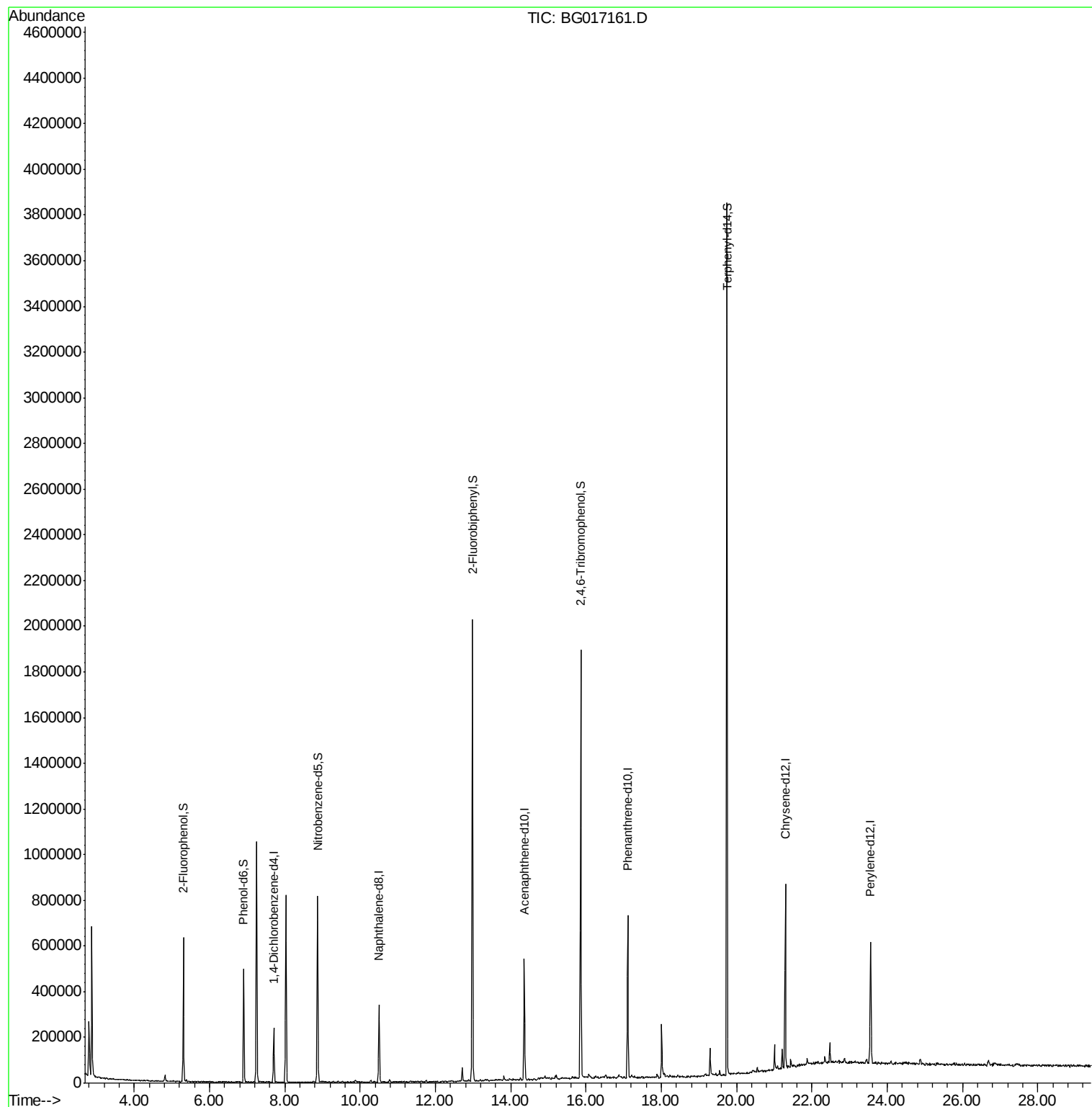
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	53261	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	240909	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	164113	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	374708	20.00	ng	0.00
75) Chrysene-d12	21.30	240	361057	20.00	ng	0.00
86) Perylene-d12	23.56	264	351865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	215398	71.75	ng	0.00
7) Phenol-d6	6.91	99	218602	51.89	ng	0.00
23) Nitrobenzene-d5	8.87	82	413653	80.16	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	262424	132.28	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	864801	77.32	ng	0.00
78) Terphenyl-d14	19.74	244	1392060	80.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.92	77	611	Below Cal	Qvalue #	6

(#) = 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: BG017161.D

Acq: 15 May 2015 4:57

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-5

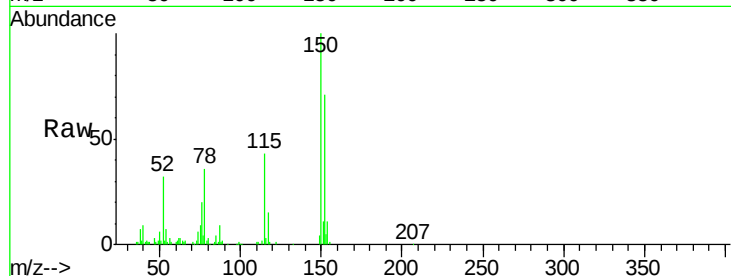
Tgt Ion:152 Resp: 53261

Ion Ratio Lower Upper

152 100

150 139.9 120.8 181.2

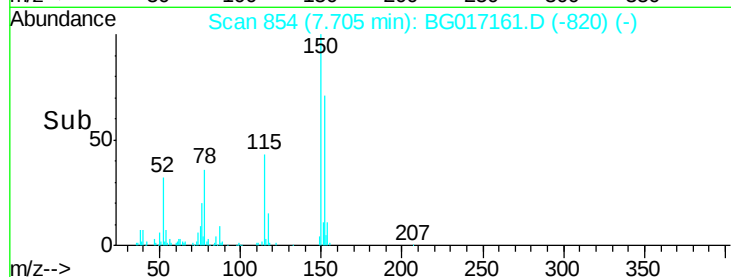
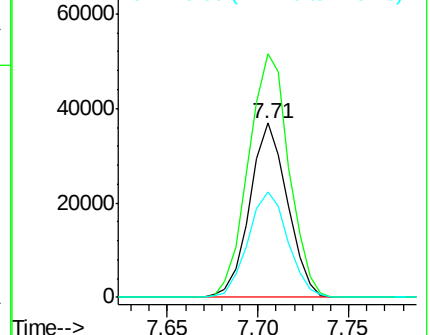
115 60.5 49.4 74.2



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: 71.75 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017161.D

Acq: 15 May 2015 4:57

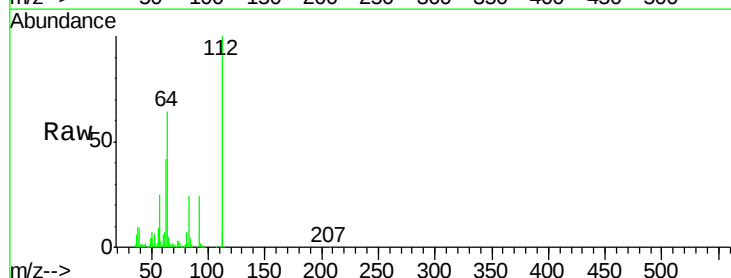
Tgt Ion:112 Resp: 215398

Ion Ratio Lower Upper

112 100

64 64.4 48.1 72.1

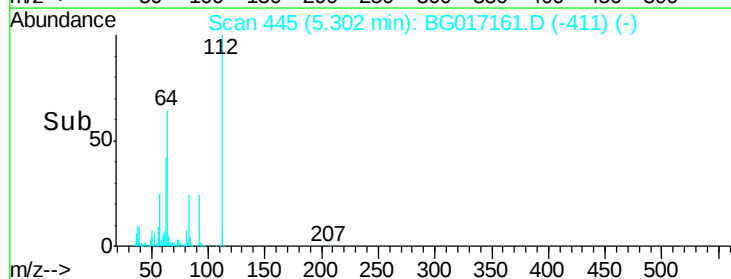
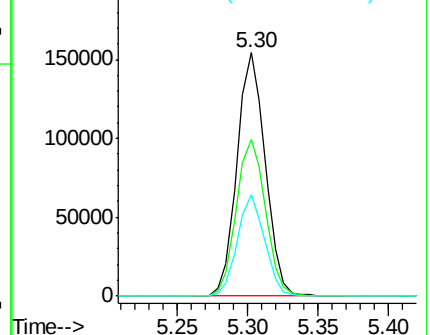
63 41.6 29.8 44.8

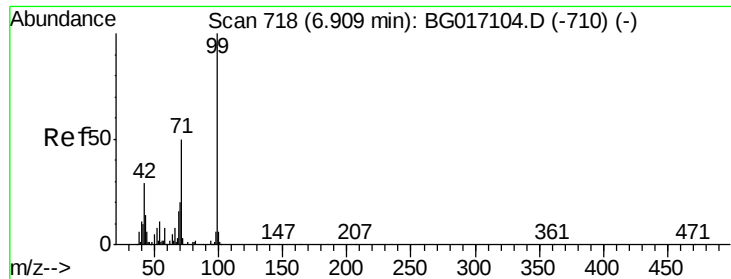


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 51.89 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017161.D

Acq: 15 May 2015 4:57

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-5

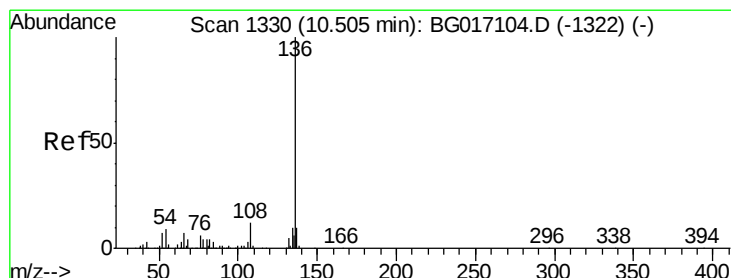
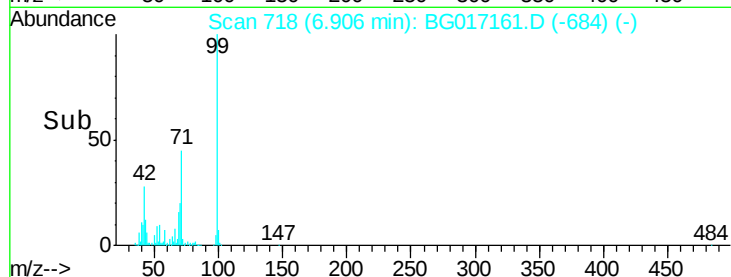
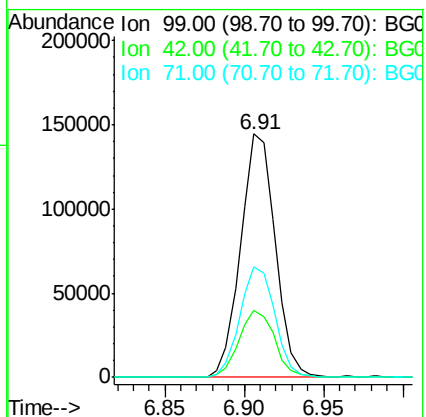
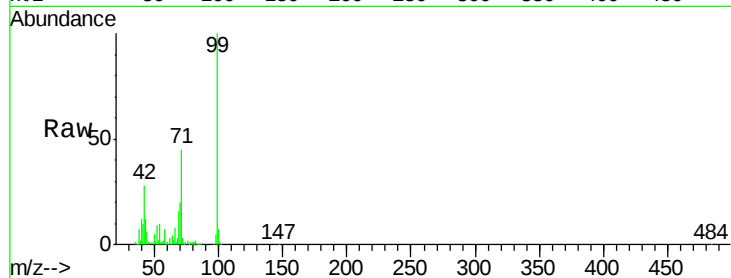
Tgt Ion: 99 Resp: 218602

Ion Ratio Lower Upper

99 100

42 27.6 23.5 35.3

71 45.3 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: BG017161.D

Acq: 15 May 2015 4:57

Tgt Ion: 136 Resp: 240909

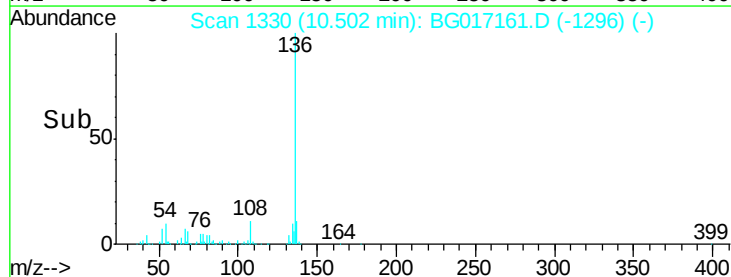
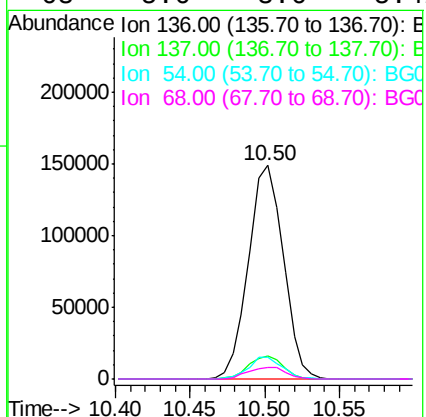
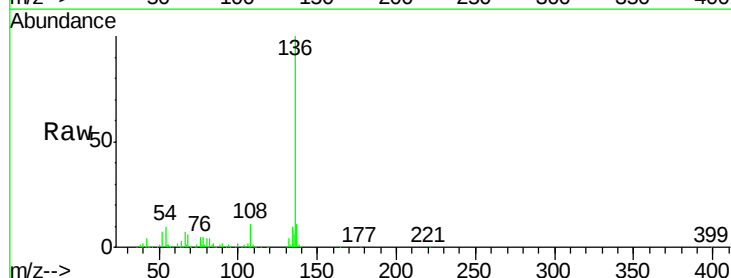
Ion Ratio Lower Upper

136 100

137 10.7 8.3 12.5

54 10.4 7.4 11.2

68 5.6 3.6 5.4#

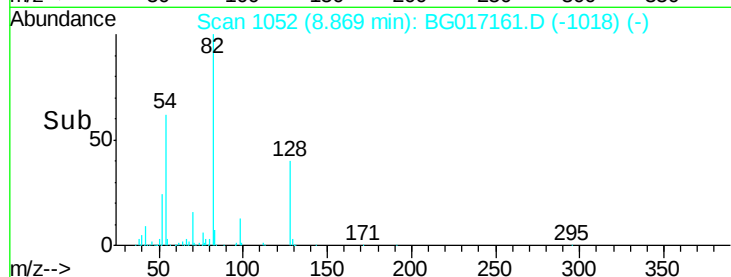
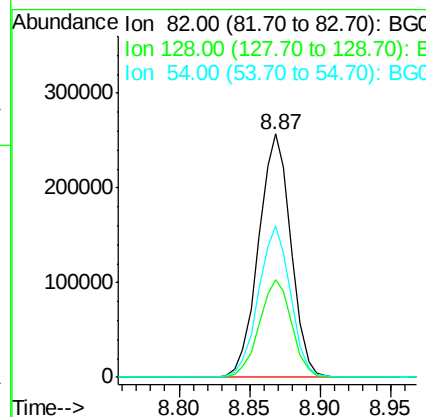
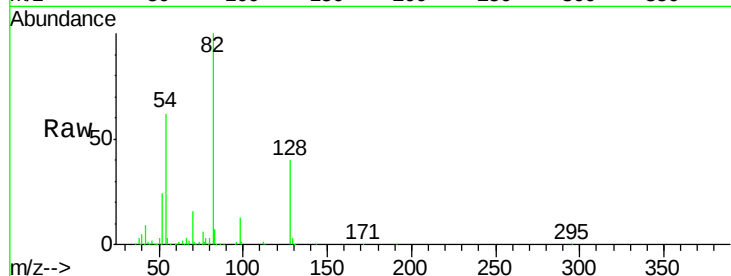




#23
 Nitrobenzene-d5
 Concen: 80.16 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017161.D
 Acq: 15 May 2015 4:57

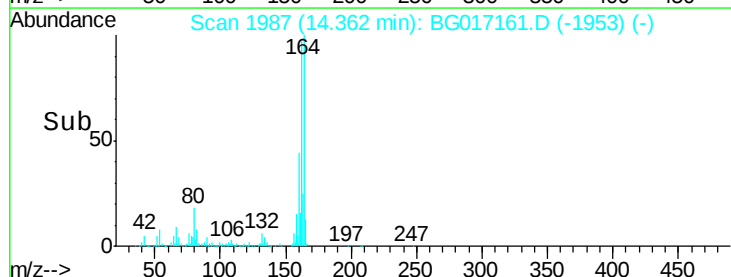
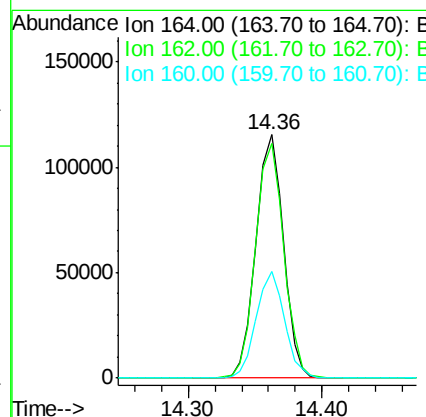
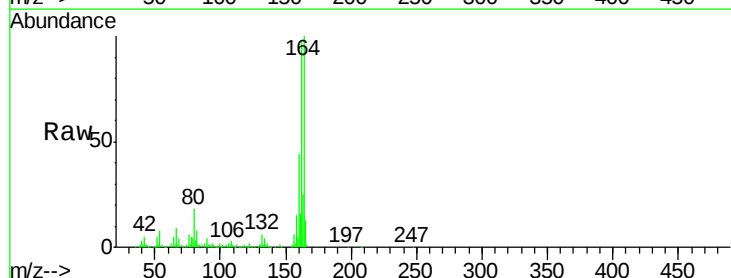
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GTMW-5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.6	49.0
54	62.2	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: BG017161.D
 Acq: 15 May 2015 4:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	82.1	123.1
160	43.6	34.8	52.2

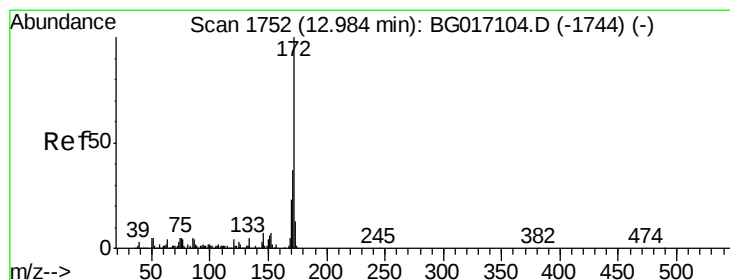
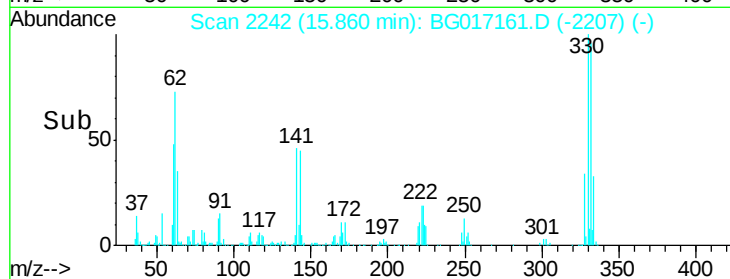
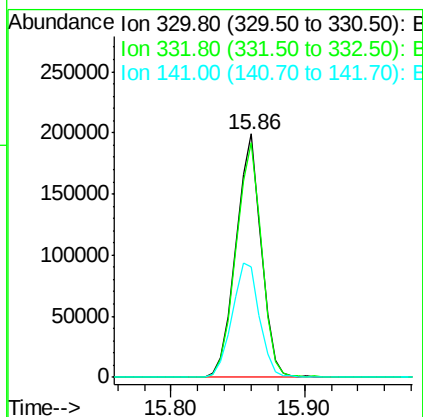
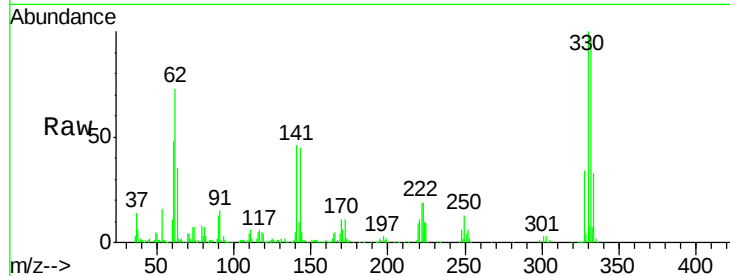




#41
 2,4,6-Tribromophenol
 Concen: 132.28 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BG017161.D
 Acq: 15 May 2015 4:57

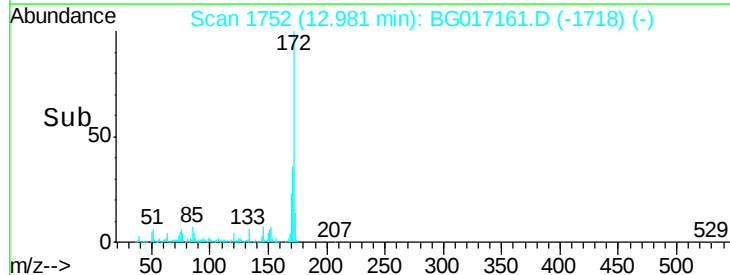
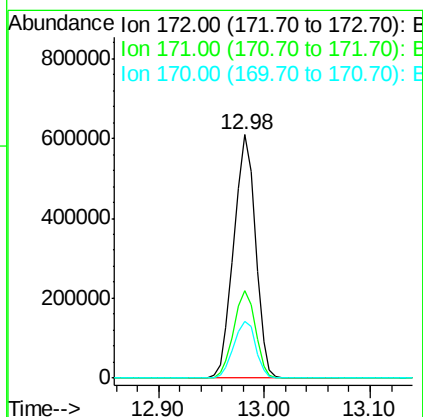
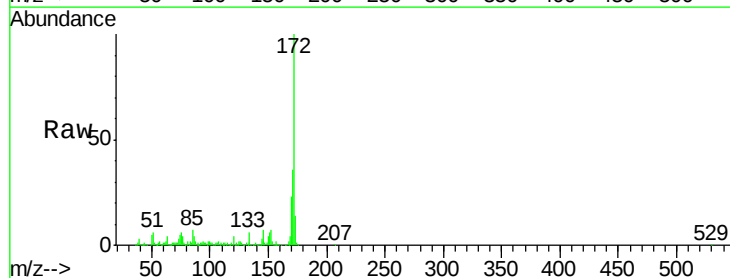
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GTMW-5

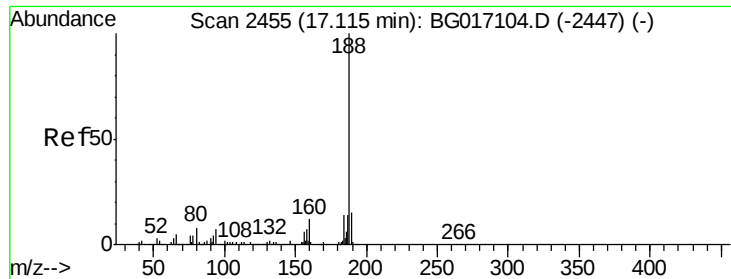
Tgt Ion: 330 Resp: 262424
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.9 115.3
 141 51.3 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 77.32 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017161.D
 Acq: 15 May 2015 4:57

Tgt Ion: 172 Resp: 864801
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.3 18.4 27.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG017161.D

Acq: 15 May 2015 4:57

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-5

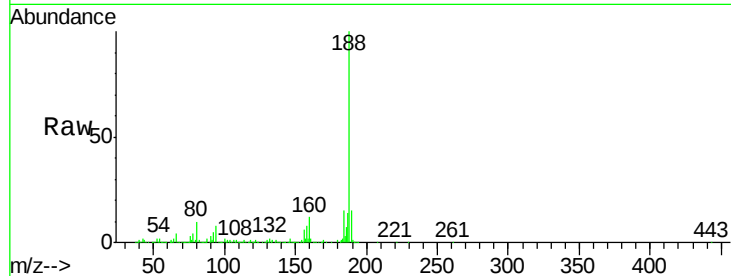
Tgt Ion:188 Resp: 374708

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

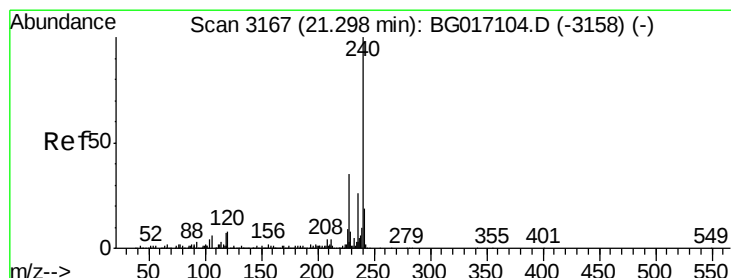
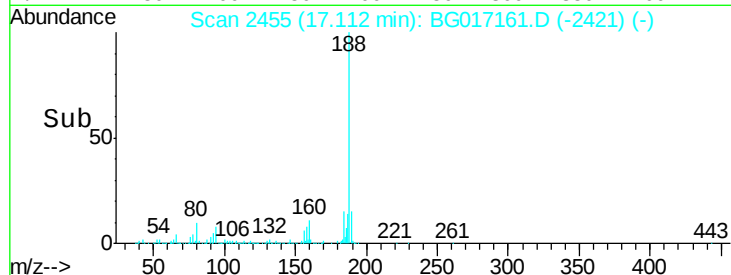
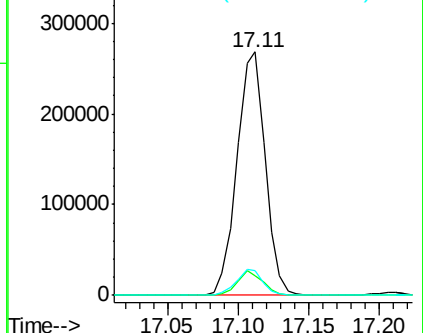
80 10.0 6.5 9.7#



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: 21.30 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG017161.D

Acq: 15 May 2015 4:57

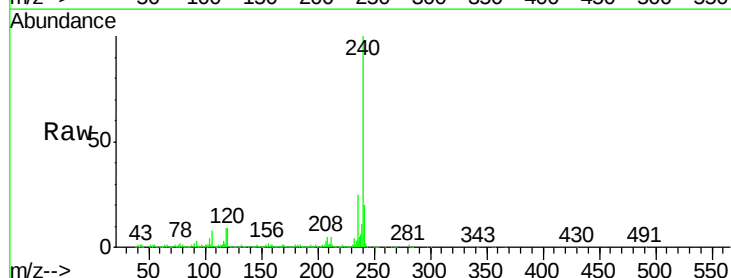
Tgt Ion:240 Resp: 361057

Ion Ratio Lower Upper

240 100

120 9.0 6.0 9.0

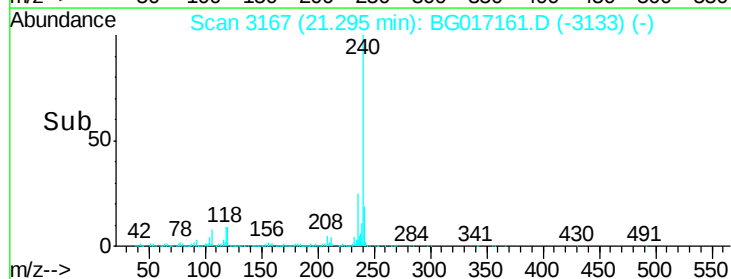
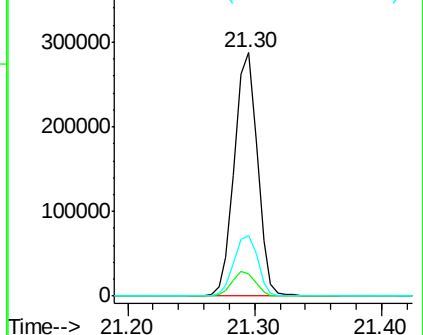
236 24.7 20.5 30.7

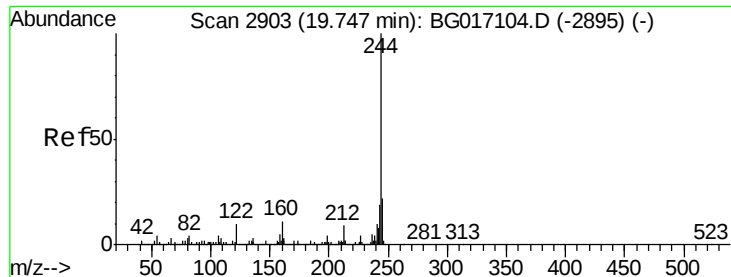


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.35 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017161.D

Acq: 15 May 2015 4:57

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-5

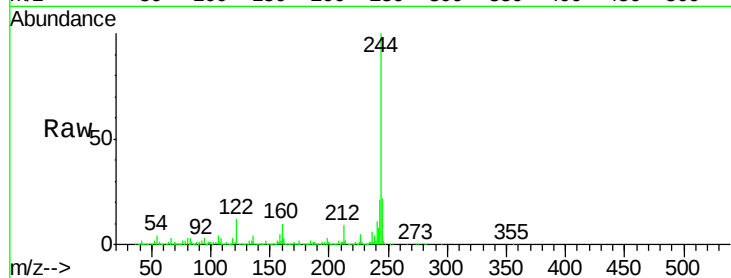
Tgt Ion:244 Resp: 1392060

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

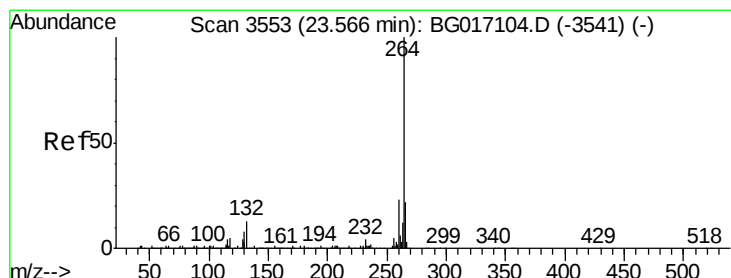
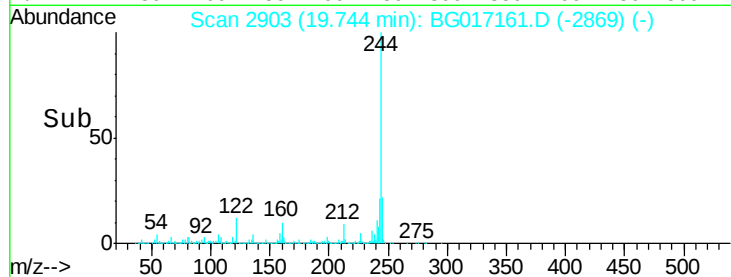
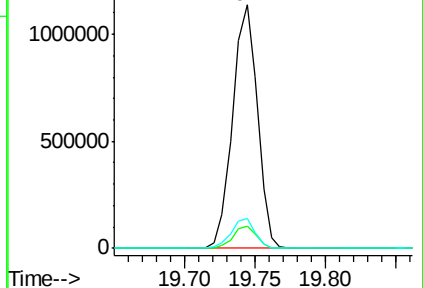
122 12.2 8.4 12.6



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG017161.D

Acq: 15 May 2015 4:57

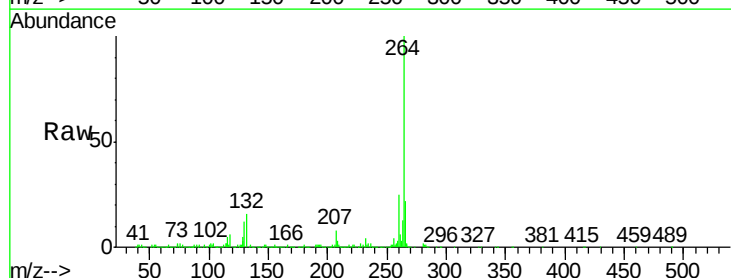
Tgt Ion:264 Resp: 351865

Ion Ratio Lower Upper

264 100

260 25.1 18.0 27.0

265 21.9 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

