

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017162.D
 Acq On : 15 May 2015 5:31
 Operator : TP/IZ
 Sample : G2179-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-RMW-2

Quant Time: May 15 06:52:26 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	51277	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	225714	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	149597	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	349446	20.00	ng	0.00
75) Chrysene-d12	21.29	240	364866	20.00	ng	0.00
86) Perylene-d12	23.56	264	353941	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	188508	65.23	ng	0.00
7) Phenol-d6	6.91	99	170382	42.01	ng	0.00
23) Nitrobenzene-d5	8.87	82	389522	80.57	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	252438	139.59	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	804169	78.88	ng	0.00
78) Terphenyl-d14	19.74	244	1398786	79.89	ng	0.00

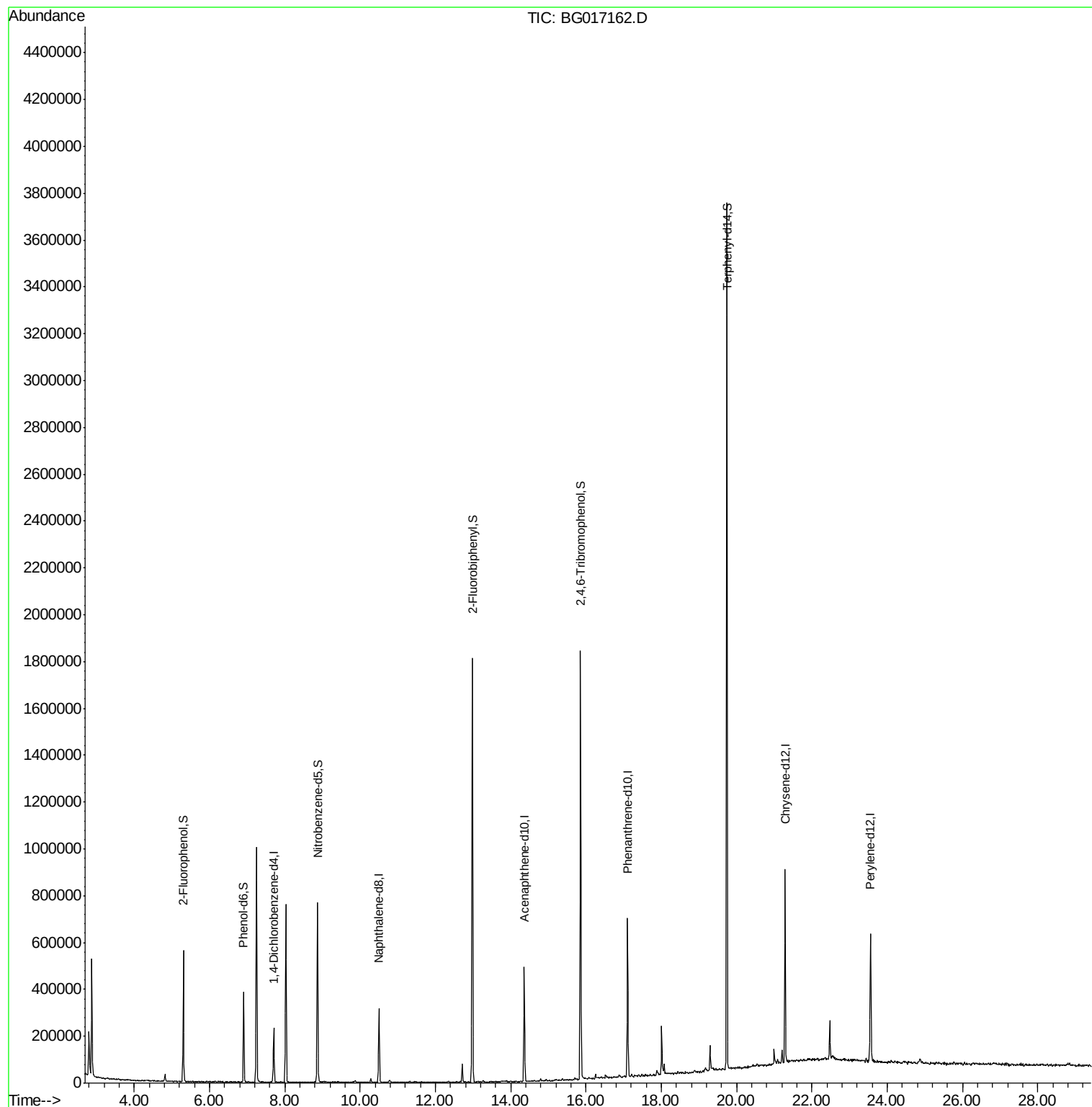
Target Compounds	Qvalue
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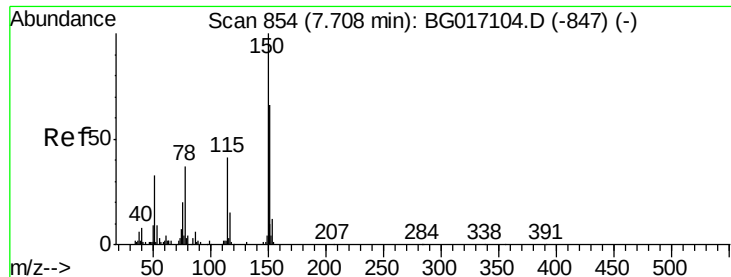
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017162.D

Acq: 15 May 2015 5:31

Instrument :

BNA_G

ClientSampleId :

RAV-RMW-2

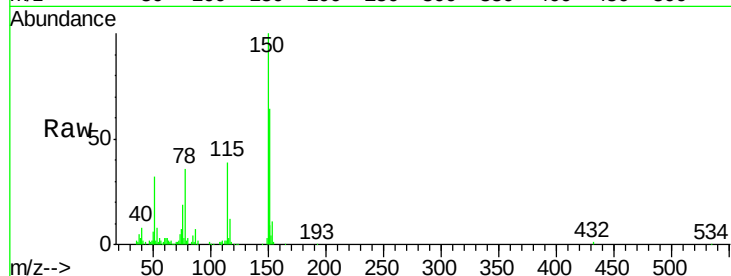
Tgt Ion:152 Resp: 51277

Ion Ratio Lower Upper

152 100

150 156.5 120.8 181.2

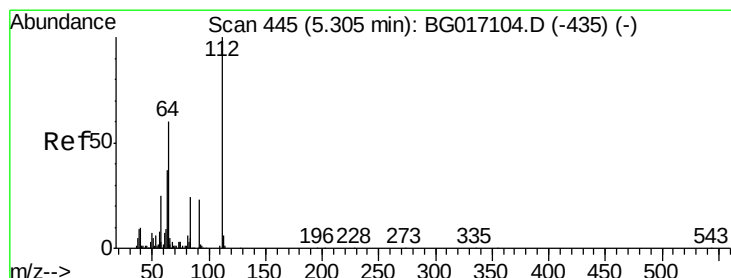
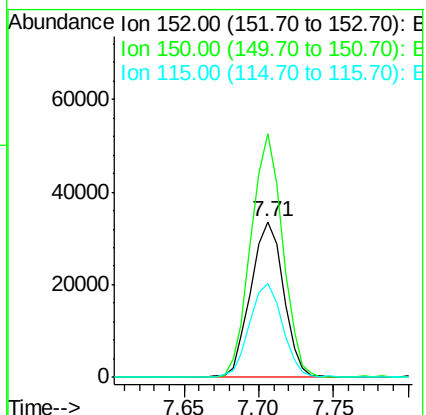
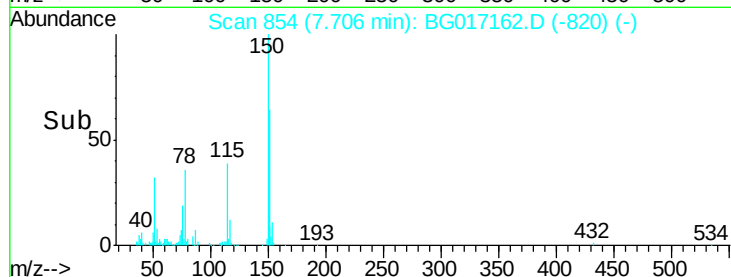
115 60.5 49.4 74.2



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: 65.23 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017162.D

Acq: 15 May 2015 5:31

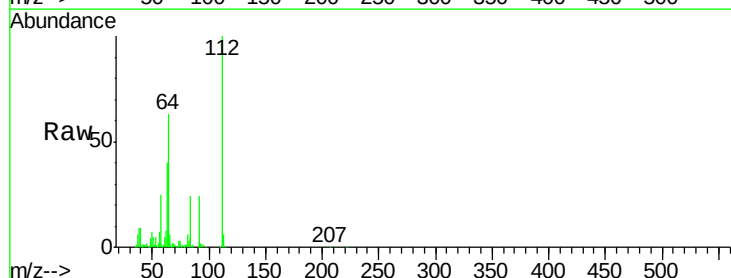
Tgt Ion:112 Resp: 188508

Ion Ratio Lower Upper

112 100

64 63.4 48.1 72.1

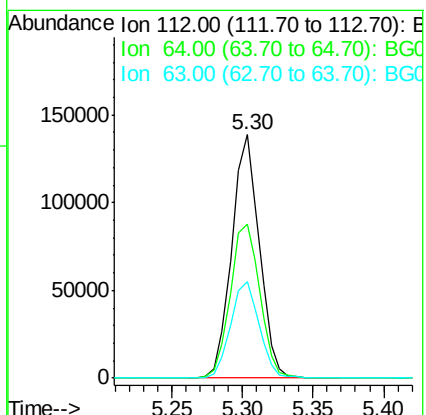
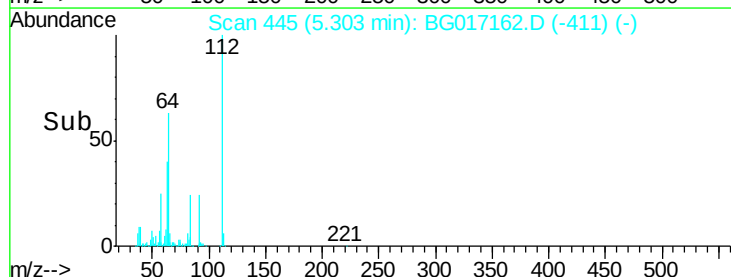
63 39.5 29.8 44.8

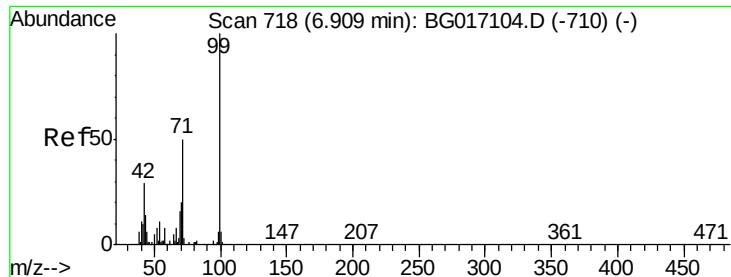


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.01 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017162.D

Acq: 15 May 2015 5:31

Instrument :

BNA_G

ClientSampleId :

RAV-RMW-2

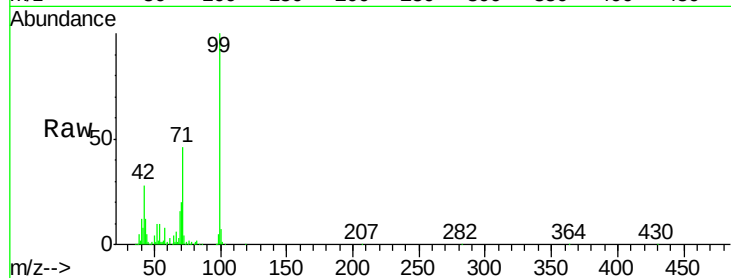
Tgt Ion: 99 Resp: 170382

Ion Ratio Lower Upper

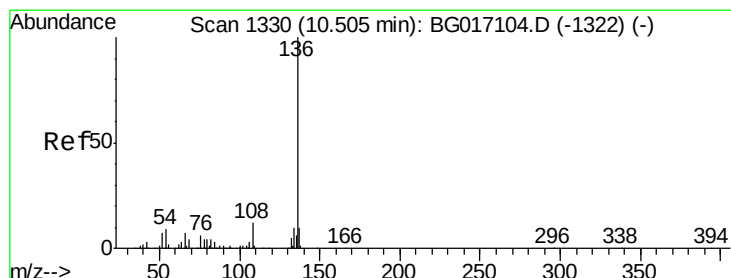
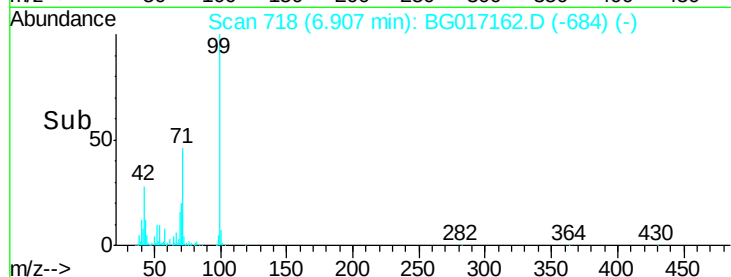
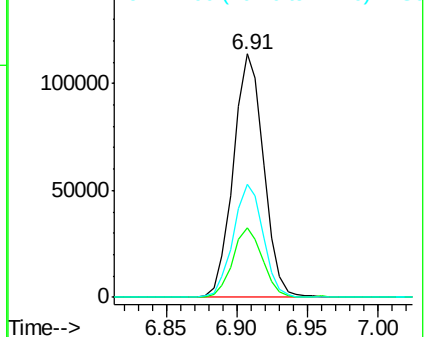
99 100

42 28.4 23.5 35.3

71 46.3 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: BG017162.D

Acq: 15 May 2015 5:31

Tgt Ion: 136 Resp: 225714

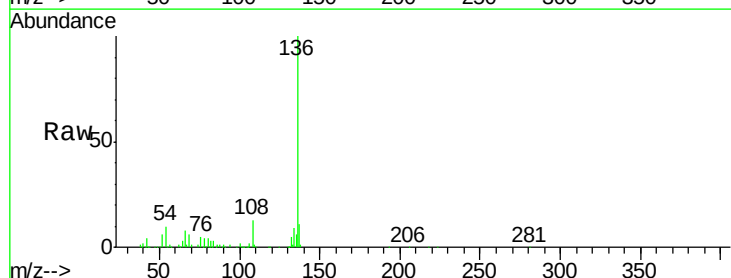
Ion Ratio Lower Upper

136 100

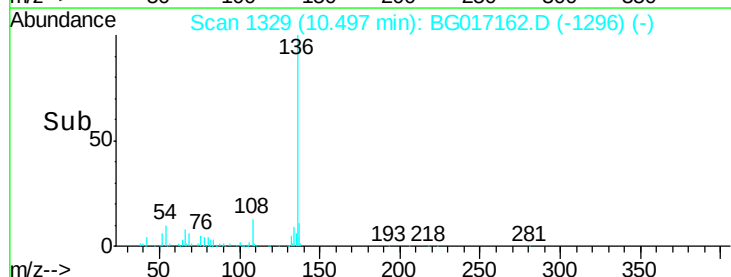
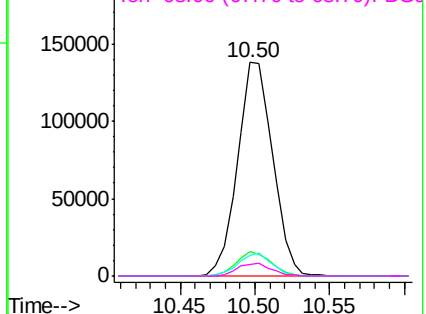
137 11.3 8.3 12.5

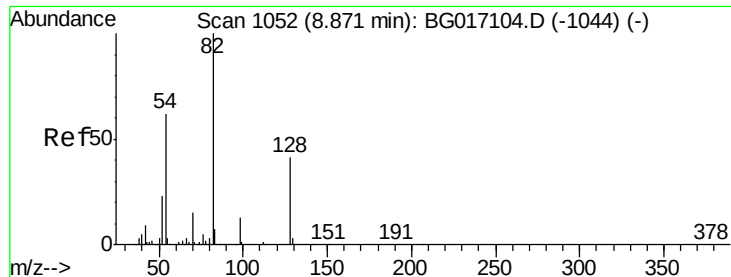
54 9.8 7.4 11.2

68 5.6 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

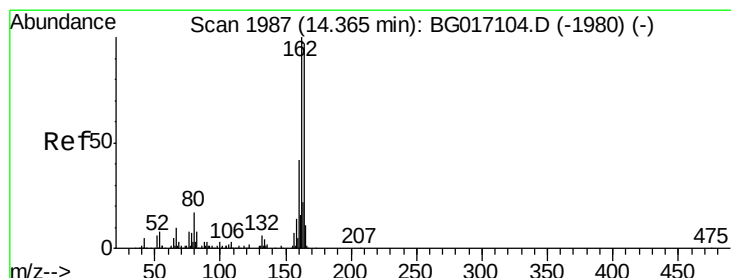
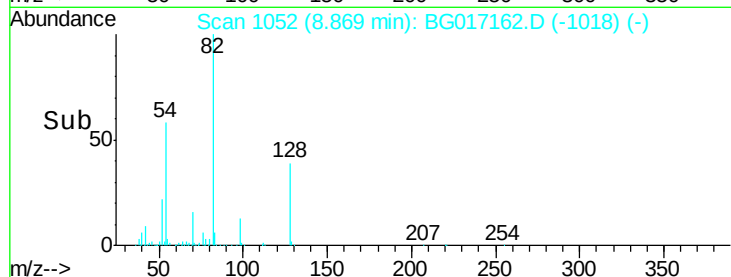
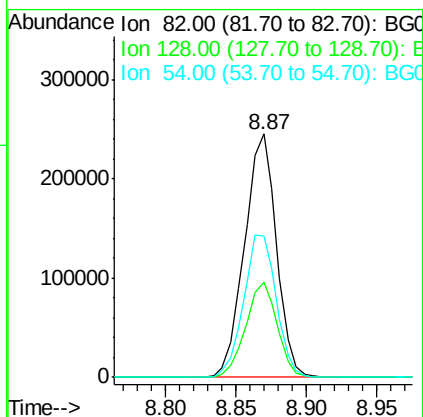
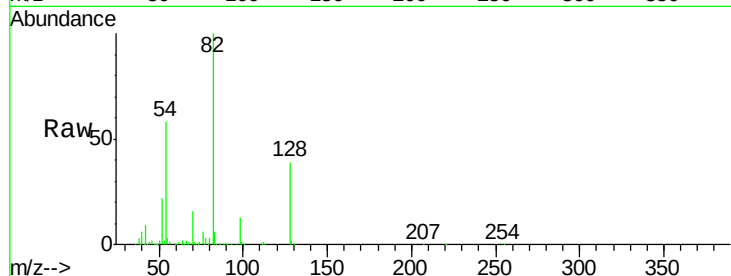




#23
 Nitrobenzene-d5
 Concen: 80.57 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017162.D
 Acq: 15 May 2015 5:31

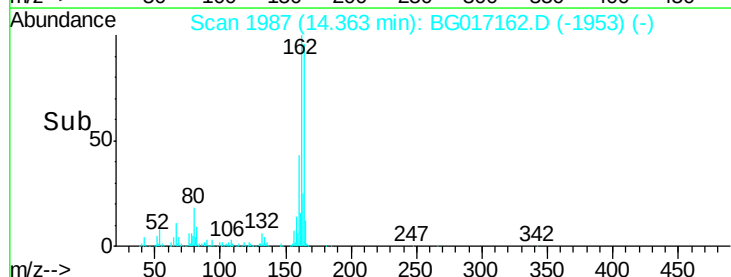
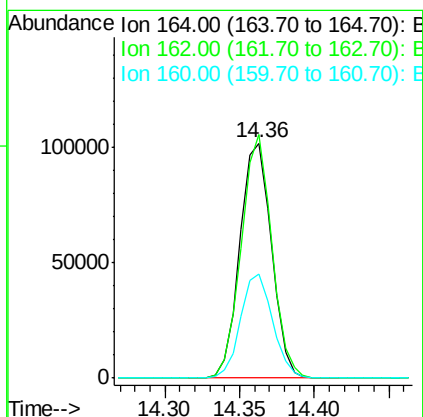
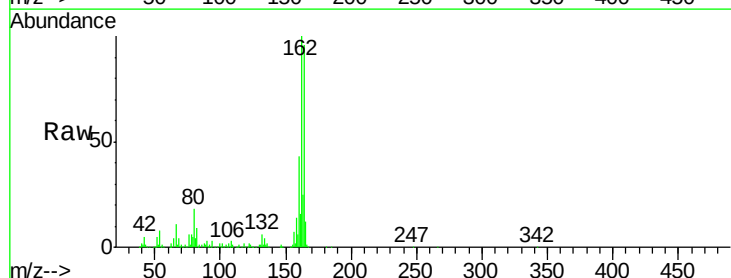
Instrument :
 BNA_G
 ClientSampleId :
 RAV-RMW-2

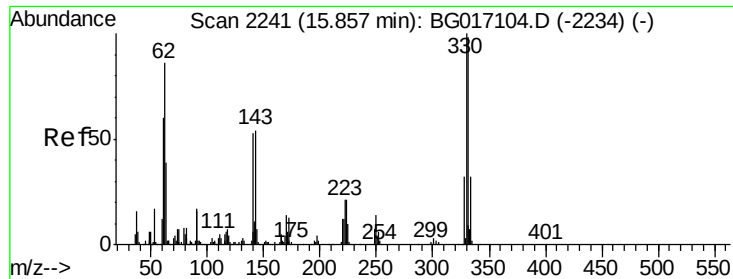
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.6	49.0
54	57.9	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017162.D
 Acq: 15 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.1	123.1
160	44.6	34.8	52.2

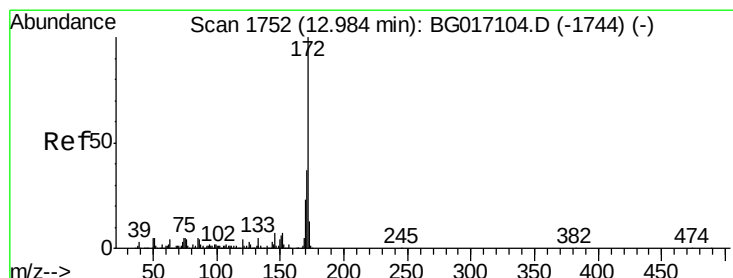
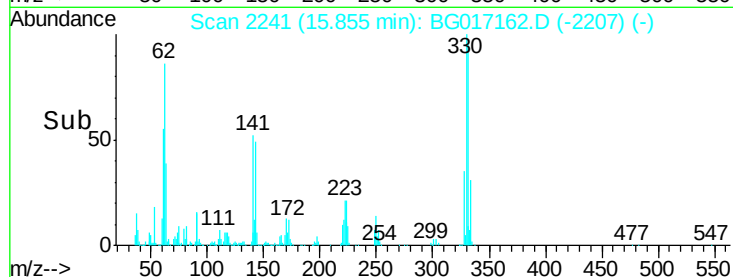
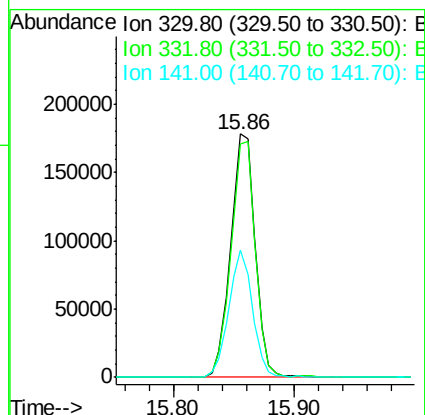
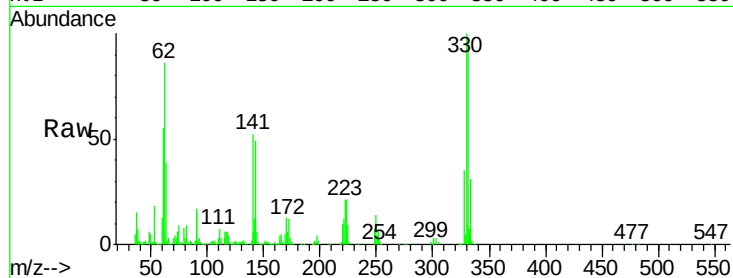




#41
 2,4,6-Tribromophenol
 Concen: 139.59 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017162.D
 Acq: 15 May 2015 5:31

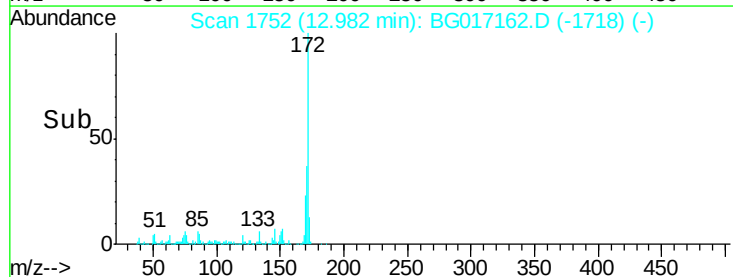
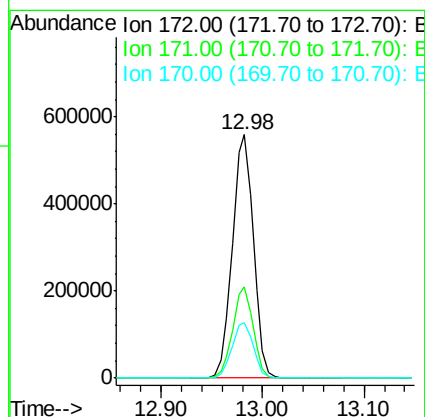
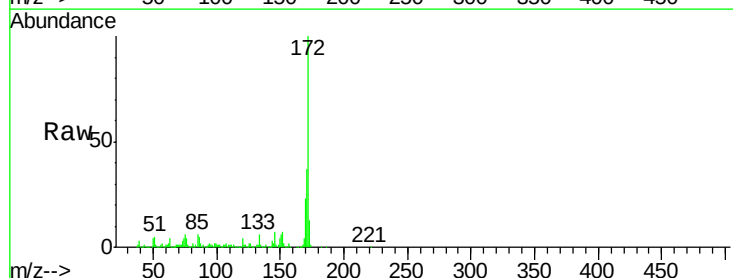
Instrument :
 BNA_G
 ClientSampleId :
 RAV-RMW-2

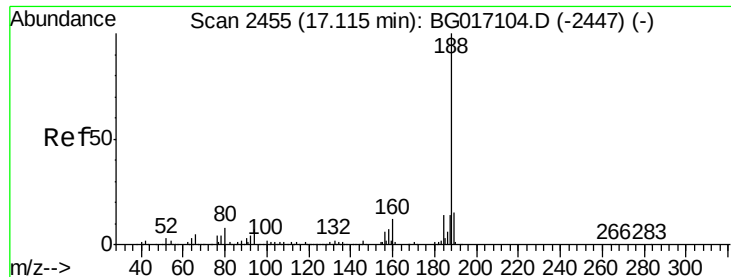
Tgt Ion:330 Resp: 252438
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 50.7 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 78.88 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017162.D
 Acq: 15 May 2015 5:31

Tgt Ion:172 Resp: 804169
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 22.6 18.4 27.6

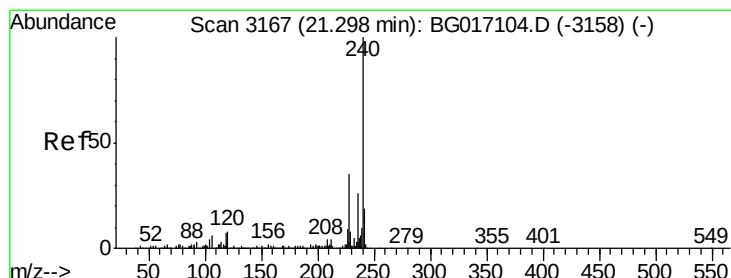
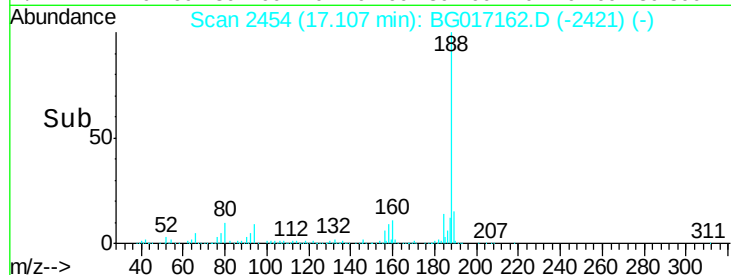
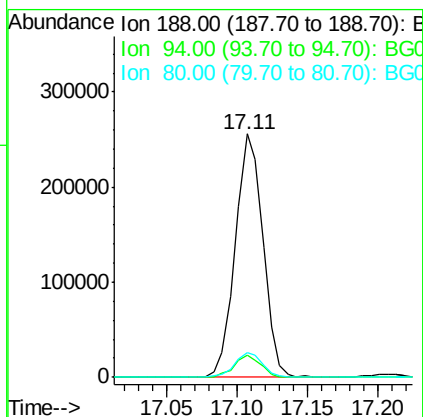
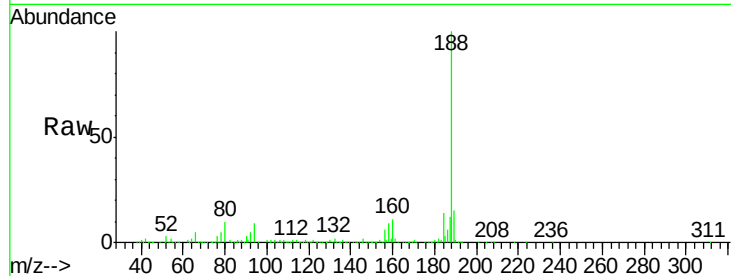




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017162.D
Acq: 15 May 2015 5:31

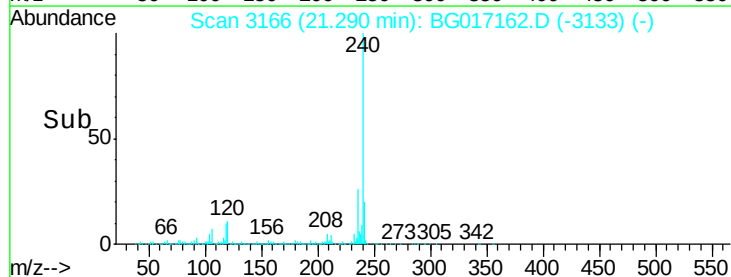
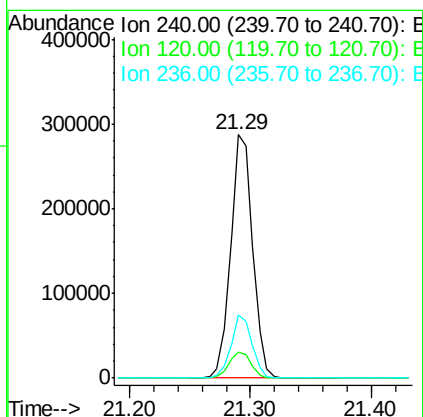
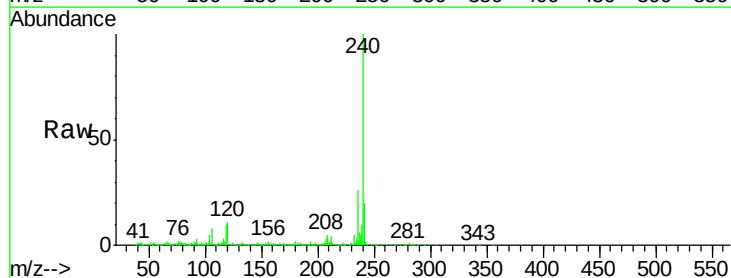
Instrument :
BNA_G
ClientSampleId :
RAV-RMW-2

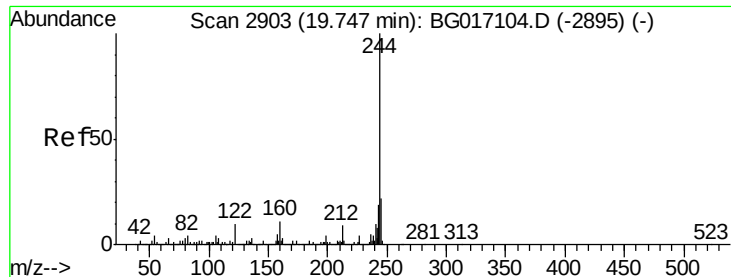
Tgt Ion:188 Resp: 349446
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.6#
80 10.3 6.5 9.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017162.D
Acq: 15 May 2015 5:31

Tgt Ion:240 Resp: 364866
Ion Ratio Lower Upper
240 100
120 10.5 6.0 9.0#
236 25.7 20.5 30.7





#78

Terphenyl-d14

Concen: 79.89 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017162.D

Acq: 15 May 2015 5:31

Instrument :

BNA_G

ClientSampled :

RAV-RMW-2

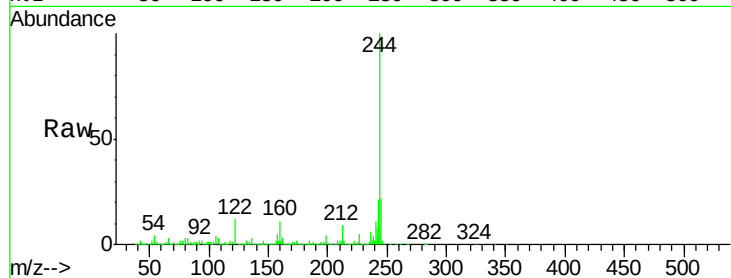
Tgt Ion:244 Resp: 1398786

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.4

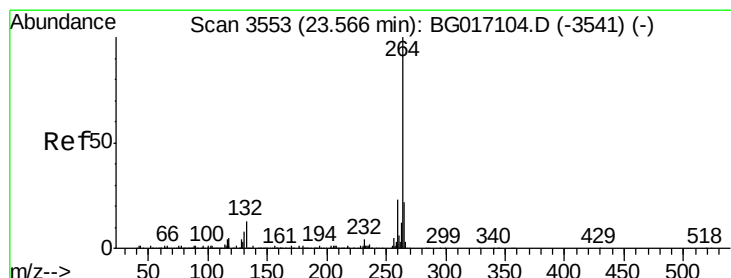
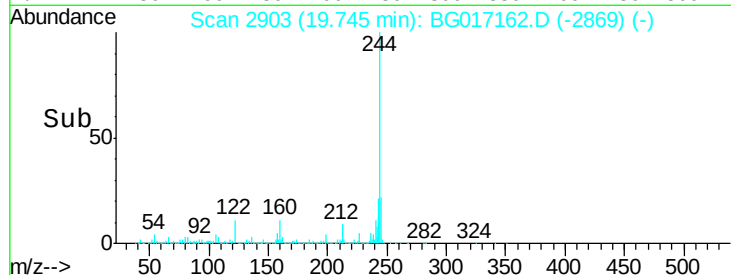
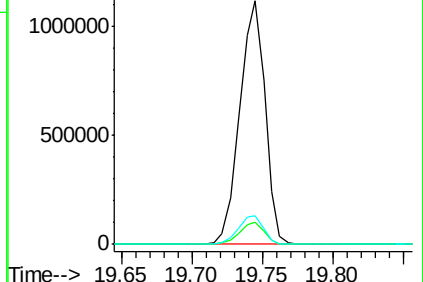
122 11.5 8.4 12.6



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: BG017162.D

Acq: 15 May 2015 5:31

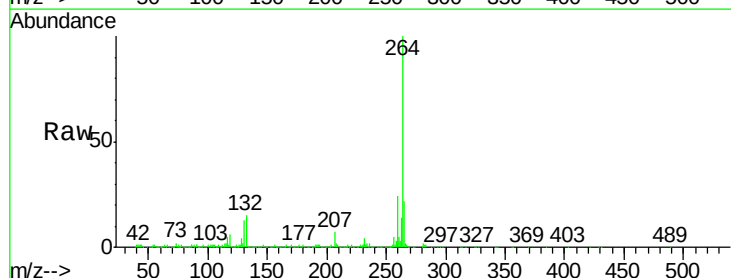
Tgt Ion:264 Resp: 353941

Ion Ratio Lower Upper

264 100

260 24.2 18.0 27.0

265 22.2 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

