

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017165.D
 Acq On : 15 May 2015 7:15
 Operator : TP/IZ
 Sample : G2179-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-RMW-3

Quant Time: May 15 08:35:57 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	51487	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	215492	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	145010	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	345621	20.00	ng	0.00
75) Chrysene-d12	21.30	240	351351	20.00	ng	0.00
86) Perylene-d12	23.56	264	344158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	183692	63.30	ng	0.00
7) Phenol-d6	6.91	99	155972	38.30	ng	0.00
23) Nitrobenzene-d5	8.87	82	365413	79.17	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	236337	134.82	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	747815	75.67	ng	0.00
78) Terphenyl-d14	19.74	244	1346641	79.87	ng	0.00

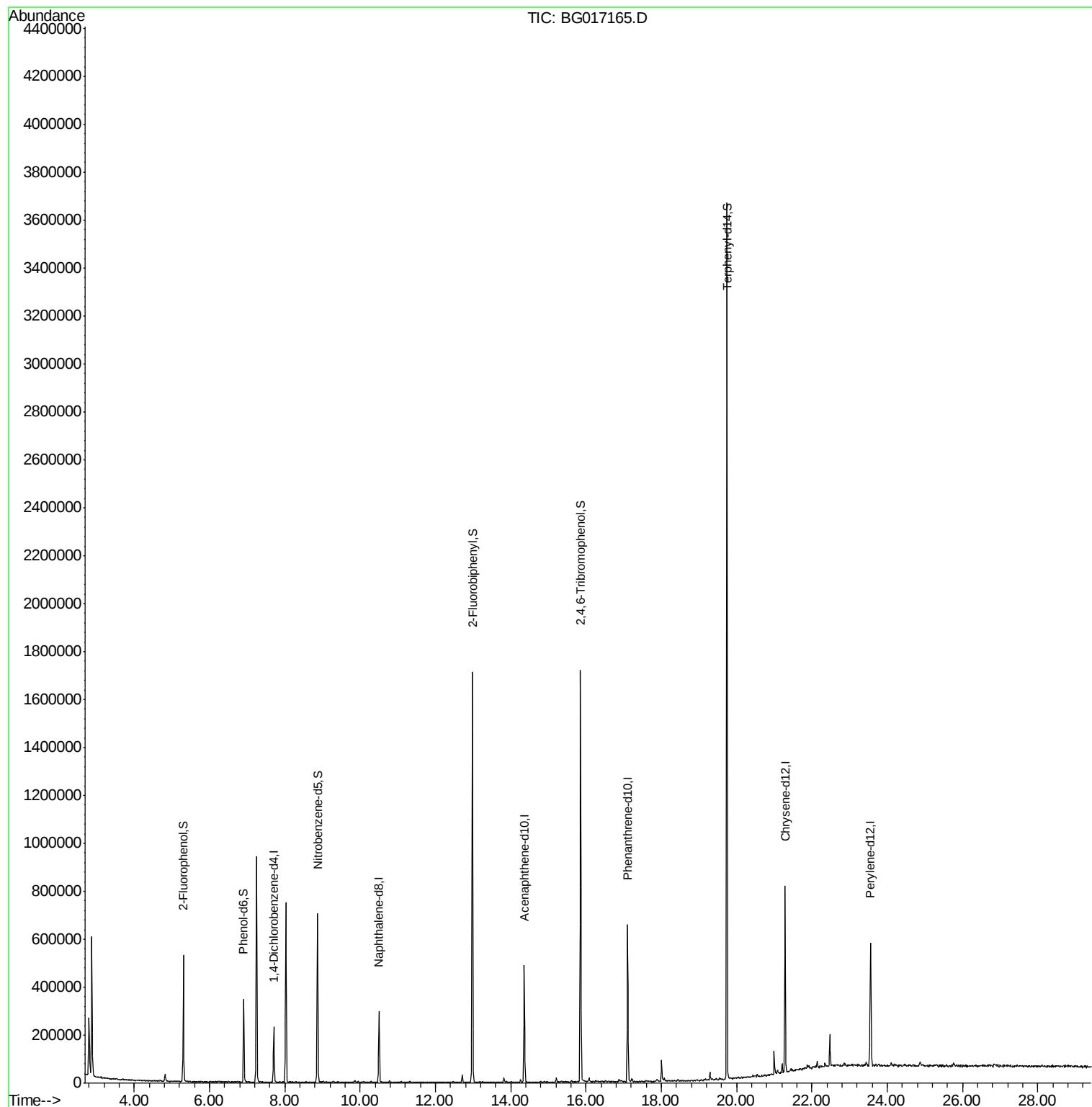
Target Compounds	Qvalue
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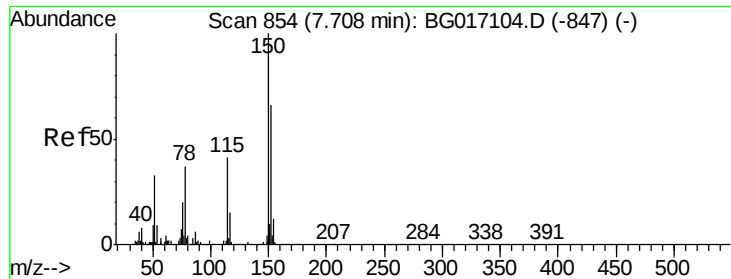
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017165.D

Acq: 15 May 2015 7:15

Instrument :

BNA_G

ClientSampleId :

RAV-RMW-3

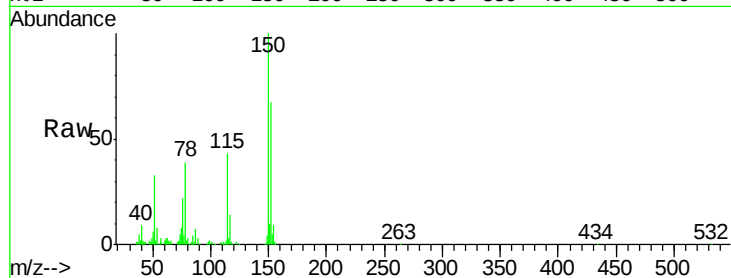
Tgt Ion:152 Resp: 51487

Ion Ratio Lower Upper

152 100

150 148.9 120.8 181.2

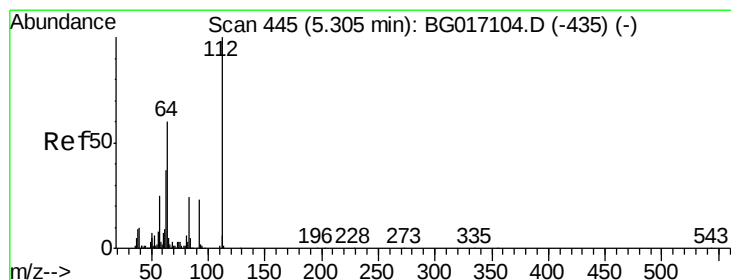
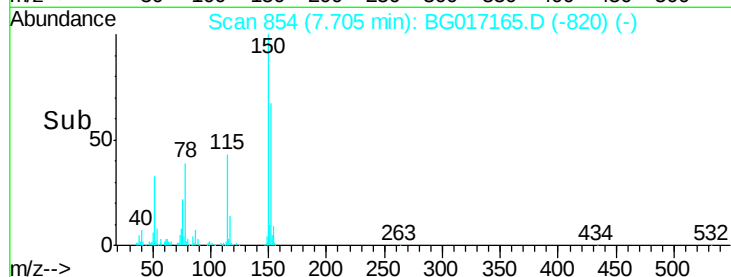
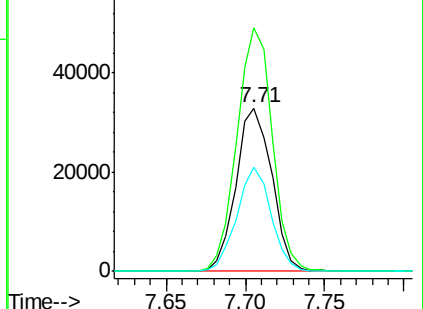
115 63.9 49.4 74.2



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: 63.30 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017165.D

Acq: 15 May 2015 7:15

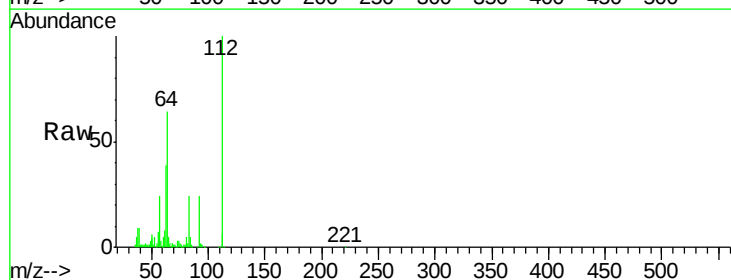
Tgt Ion:112 Resp: 183692

Ion Ratio Lower Upper

112 100

64 63.7 48.1 72.1

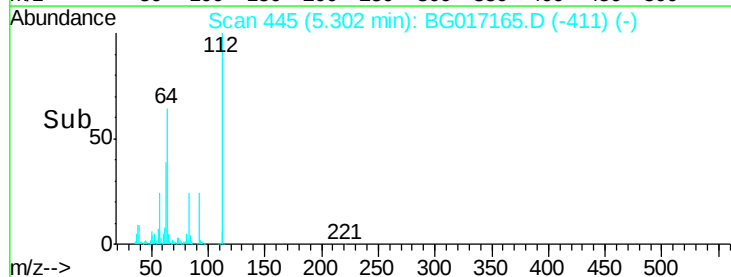
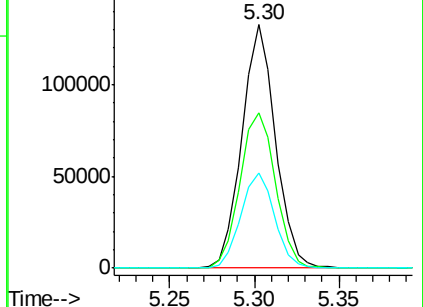
63 39.3 29.8 44.8

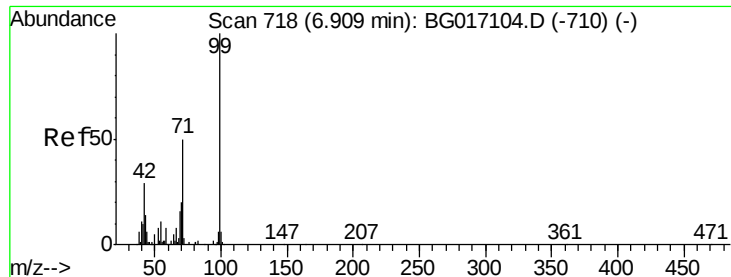


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 38.30 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017165.D

Acq: 15 May 2015 7:15

Instrument :

BNA_G

ClientSampleId :

RAV-RMW-3

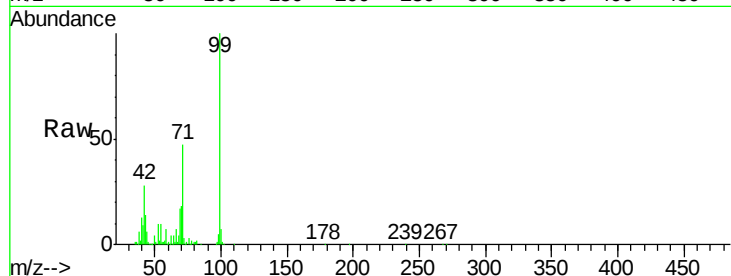
Tgt Ion: 99 Resp: 155972

Ion Ratio Lower Upper

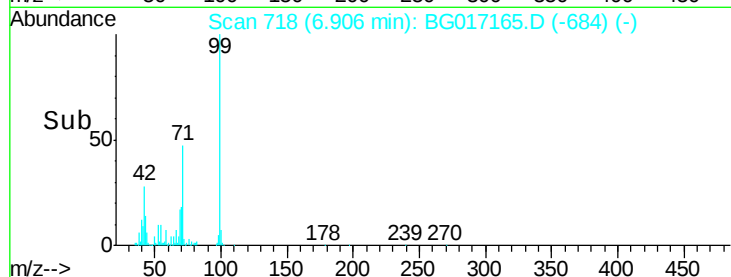
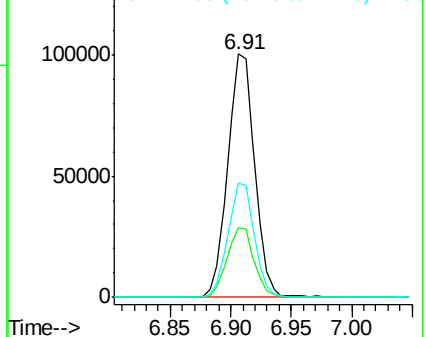
99 100

42 28.4 23.5 35.3

71 46.7 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# 1330

Delta R.T. -0.00 min

Lab File: BG017165.D

Acq: 15 May 2015 7:15

Tgt Ion: 136 Resp: 215492

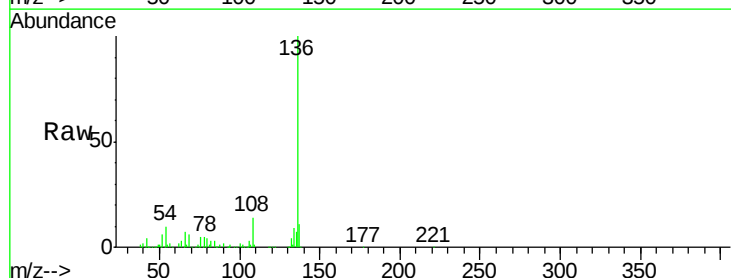
Ion Ratio Lower Upper

136 100

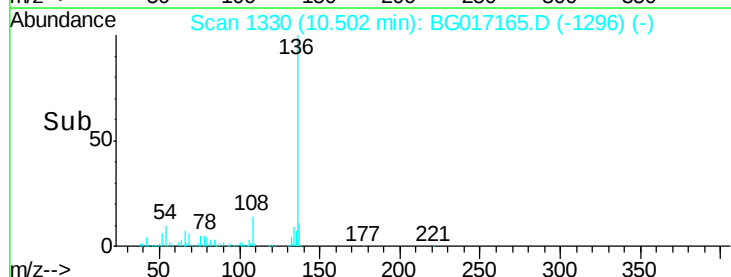
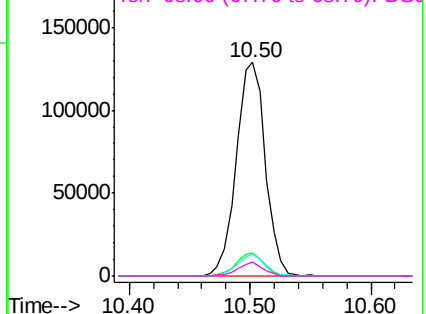
137 10.8 8.3 12.5

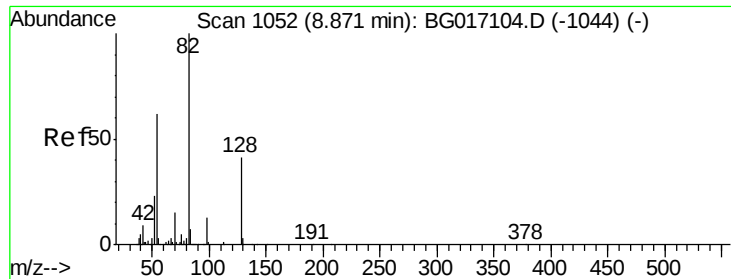
54 9.9 7.4 11.2

68 6.4 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

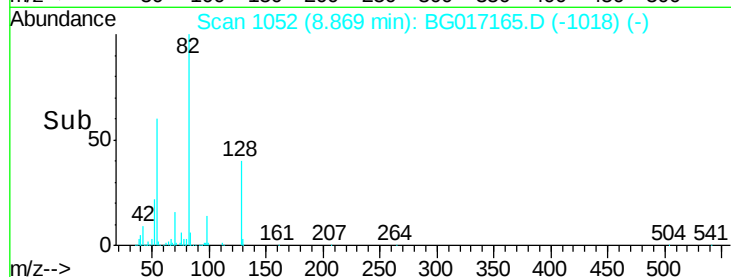
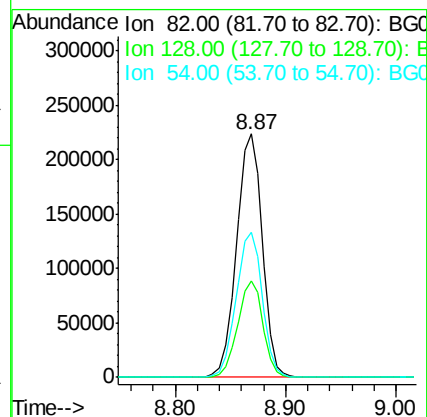
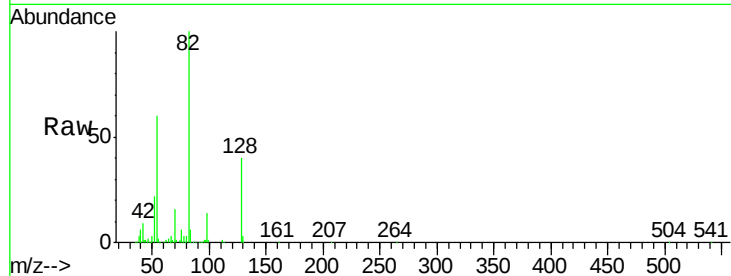




#23
 Nitrobenzene-d5
 Concen: 79.17 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017165.D
 Acq: 15 May 2015 7:15

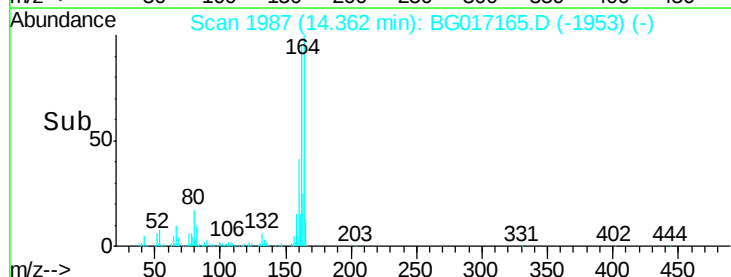
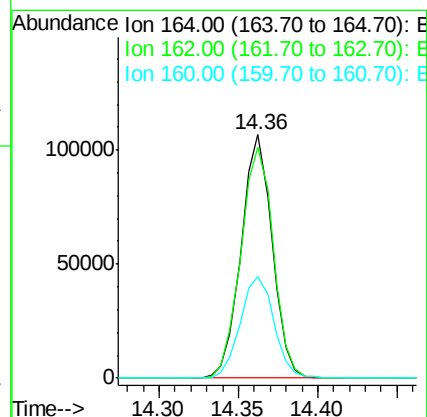
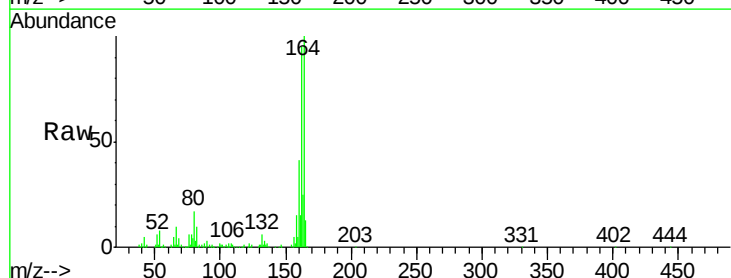
Instrument :
 BNA_G
 ClientSampleId :
 RAV-RMW-3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.6	49.0
54	59.8	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: BG017165.D
 Acq: 15 May 2015 7:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.7	82.1	123.1
160	41.5	34.8	52.2

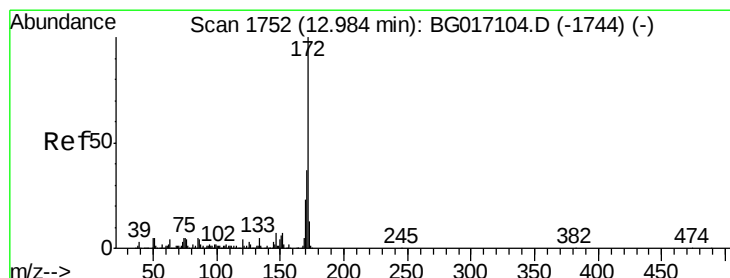
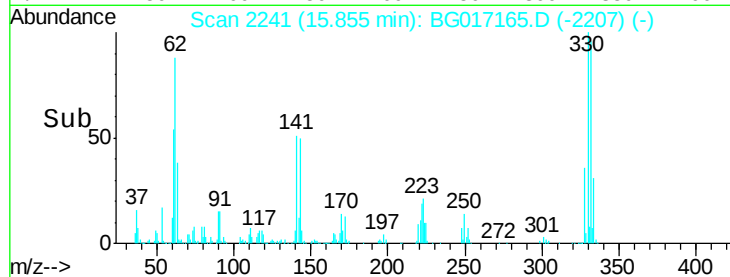
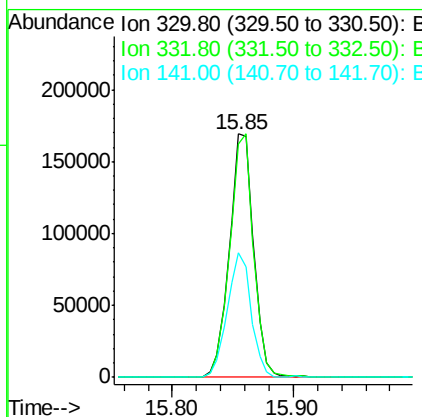
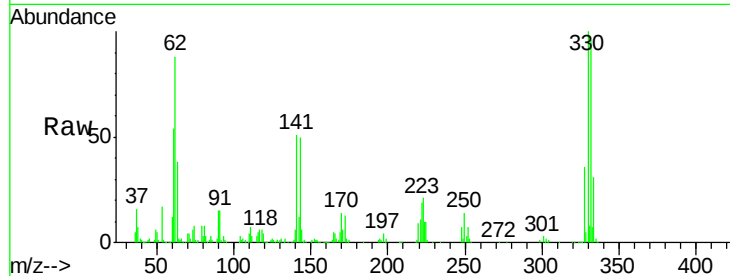




#41
 2,4,6-Tribromophenol
 Concen: 134.82 ng
 RT: 15.85 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017165.D
 Acq: 15 May 2015 7:15

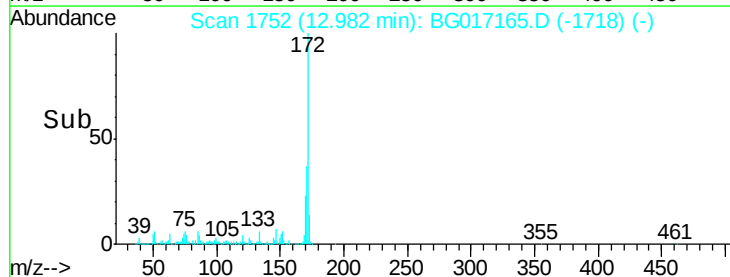
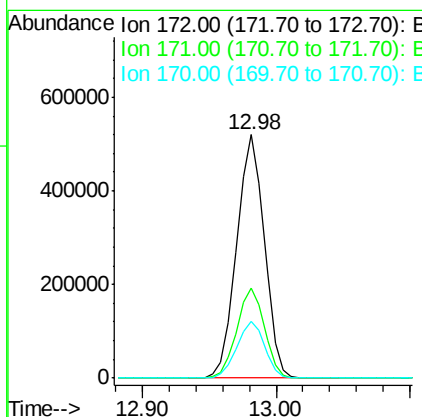
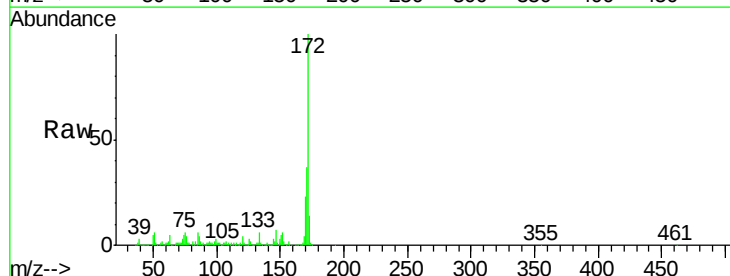
Instrument :
 BNA_G
 ClientSampleId :
 RAV-RMW-3

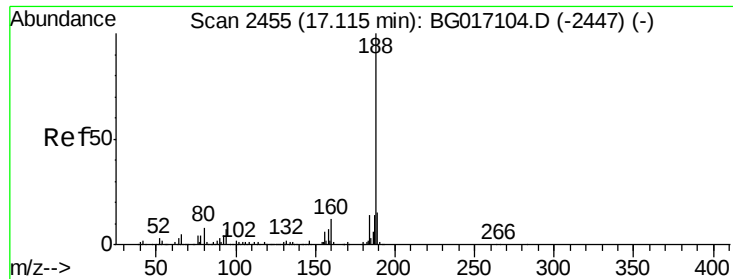
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.9	115.3
141	50.3	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 75.67 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017165.D
 Acq: 15 May 2015 7:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	23.5	18.4	27.6

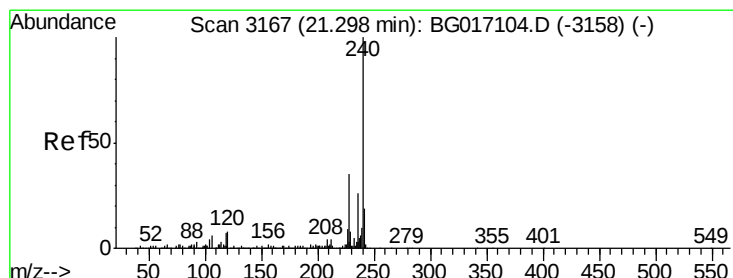
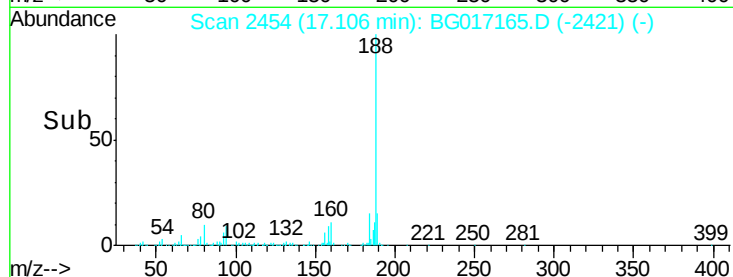
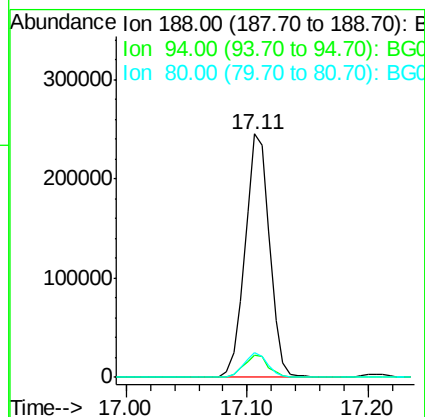
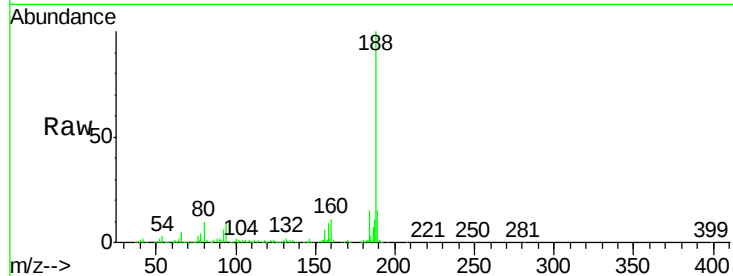




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017165.D
Acq: 15 May 2015 7:15

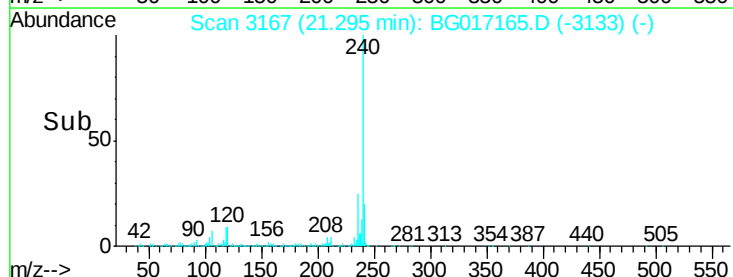
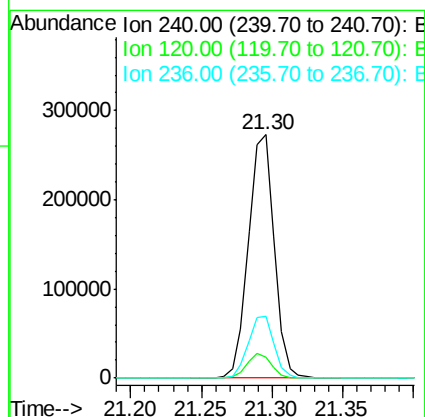
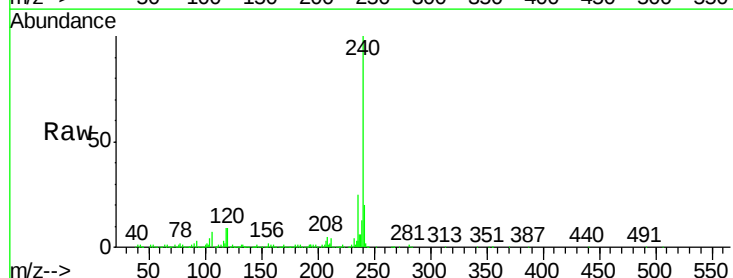
Instrument :
BNA_G
ClientSampleId :
RAV-RMW-3

Tgt Ion:188 Resp: 345621
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.6#
80 10.1 6.5 9.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.30 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG017165.D
Acq: 15 May 2015 7:15

Tgt Ion:240 Resp: 351351
Ion Ratio Lower Upper
240 100
120 8.8 6.0 9.0
236 25.1 20.5 30.7





#78

Terphenyl-d14

Concen: 79.87 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017165.D

Acq: 15 May 2015 7:15

Instrument :

BNA_G

ClientSampleId :

RAV-RMW-3

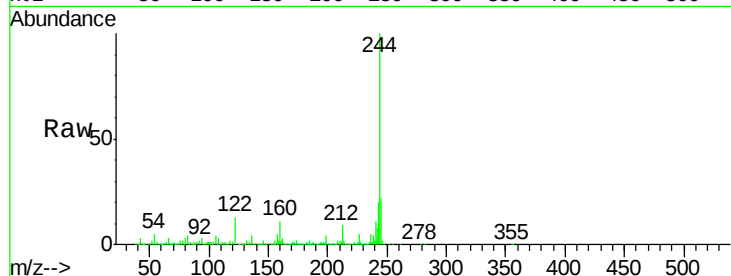
Tgt Ion:244 Resp: 1346641

Ion Ratio Lower Upper

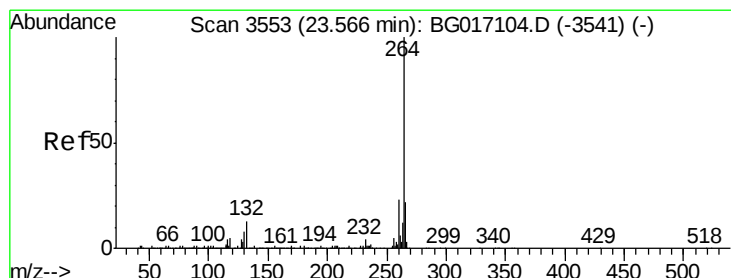
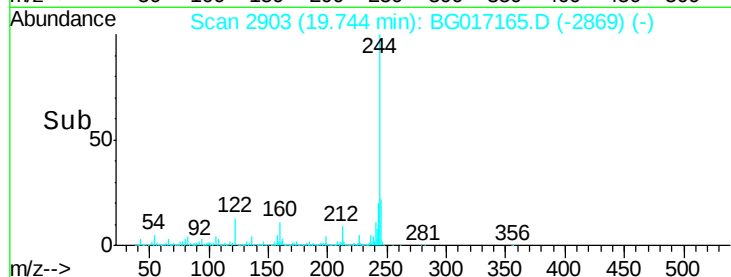
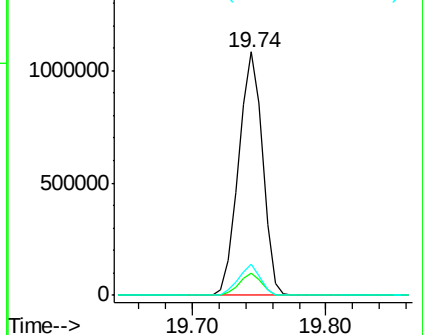
244 100

212 9.3 7.0 10.4

122 12.8 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: BG017165.D

Acq: 15 May 2015 7:15

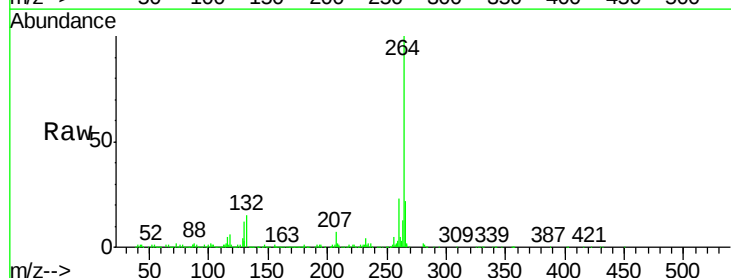
Tgt Ion:264 Resp: 344158

Ion Ratio Lower Upper

264 100

260 23.2 18.0 27.0

265 21.8 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

