

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017156.D
 Acq On : 15 May 2015 2:04
 Operator : TP/IZ
 Sample : G2179-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-MW-11

Quant Time: May 15 06:07:17 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	59699	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	280447	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	174809	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	356374	20.00	ng	0.00
75) Chrysene-d12	21.30	240	360754	20.00	ng	0.00
86) Perylene-d12	23.57	264	348382	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	199867	59.40	ng	0.00
7) Phenol-d6	6.90	99	177635	37.62	ng	0.00
23) Nitrobenzene-d5	8.86	82	453336	75.47	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	245267	116.07	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	901405	75.66	ng	0.00
78) Terphenyl-d14	19.75	244	1215816	70.23	ng	0.00

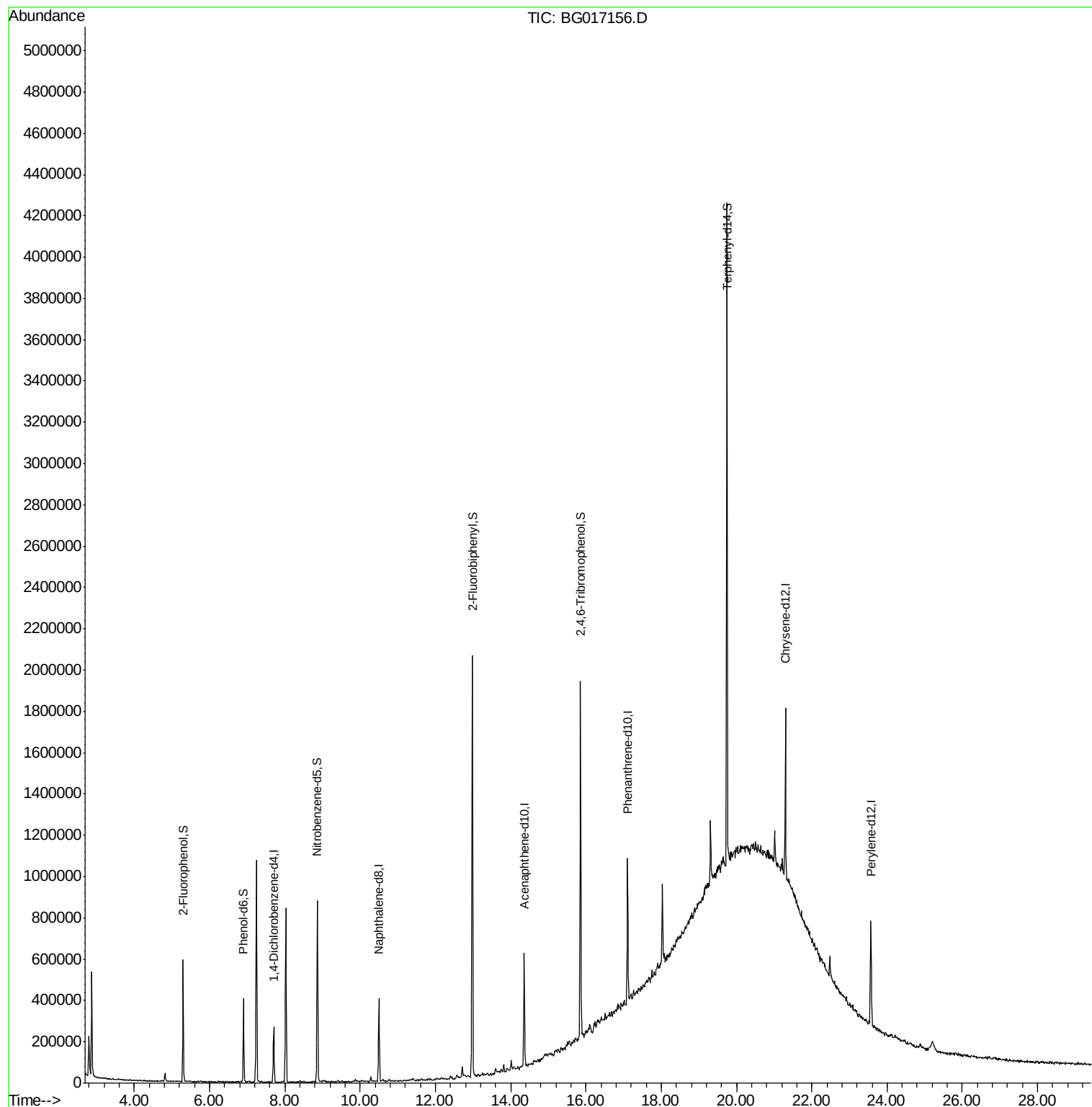
Target Compounds	Qvalue
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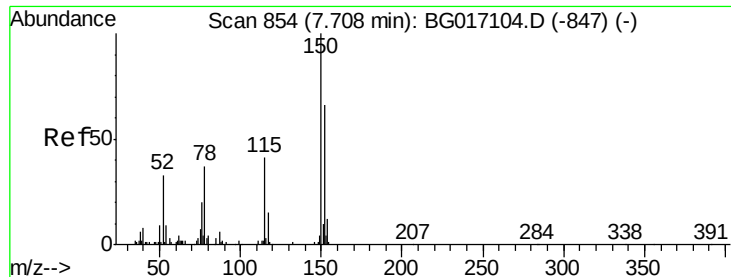
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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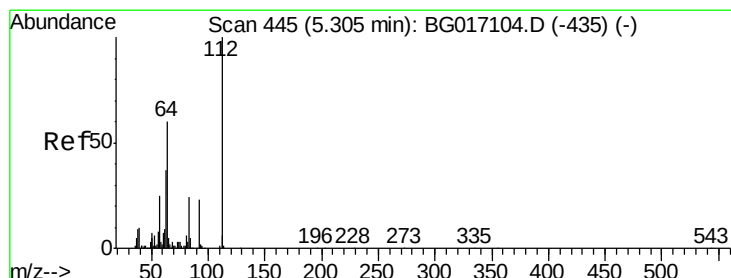
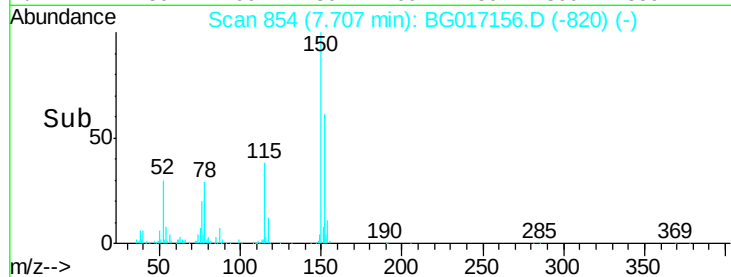
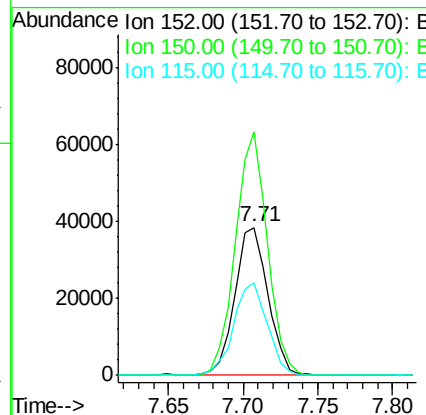
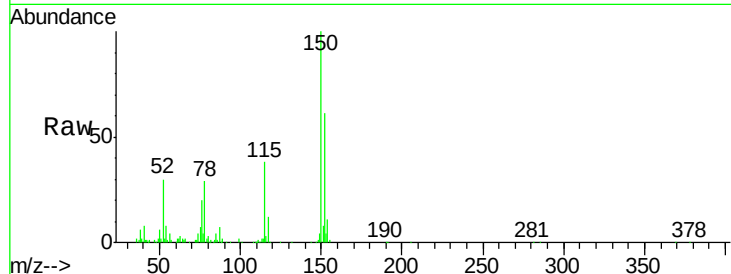


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017156.D
Acq: 15 May 2015 2:04

Instrument :
BNA_G
ClientSampleId :
RAV-MW-11

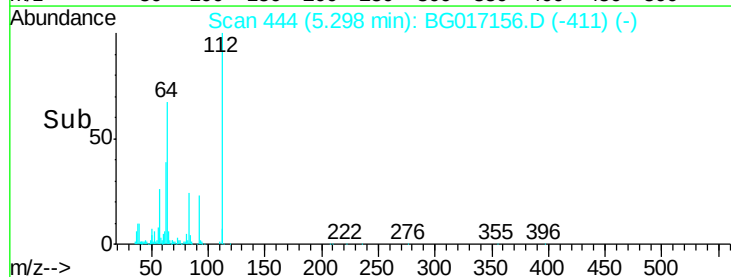
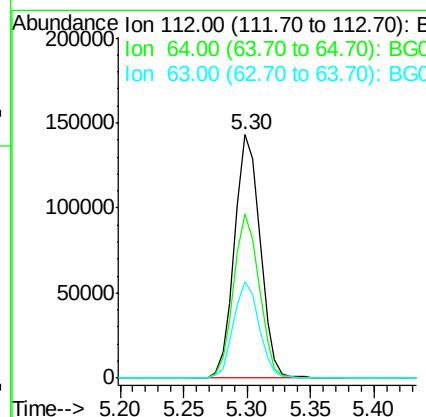
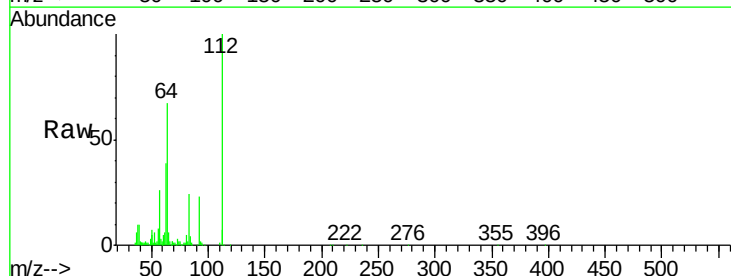
Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.7	120.8	181.2
115	62.6	49.4	74.2

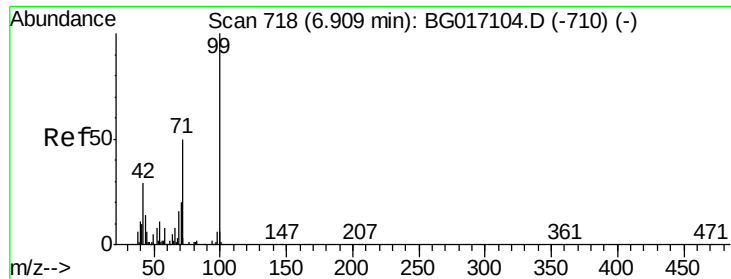


#5

2-Fluorophenol
Concen: 59.40 ng
RT: 5.30 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG017156.D
Acq: 15 May 2015 2:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	48.1	72.1
63	39.4	29.8	44.8





#7

Phenol-d6

Concen: 37.62 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG017156.D

Acq: 15 May 2015 2:04

Instrument :

BNA_G

ClientSampleId :

RAV-MW-11

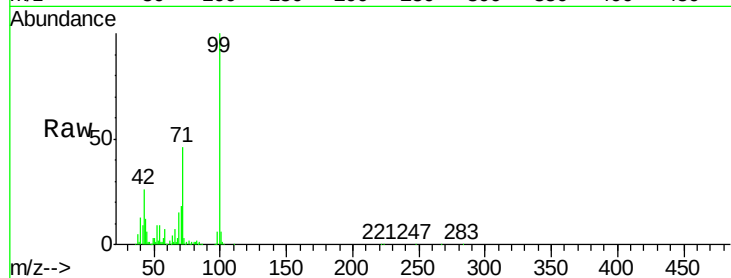
Tgt Ion: 99 Resp: 177635

Ion Ratio Lower Upper

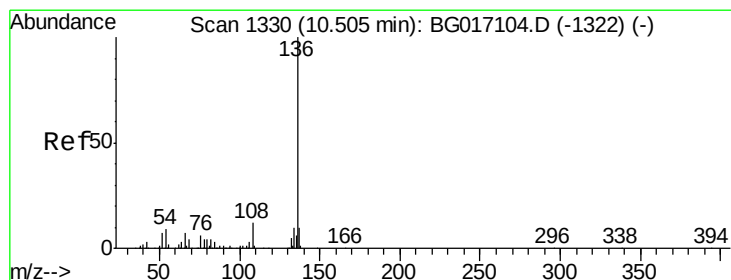
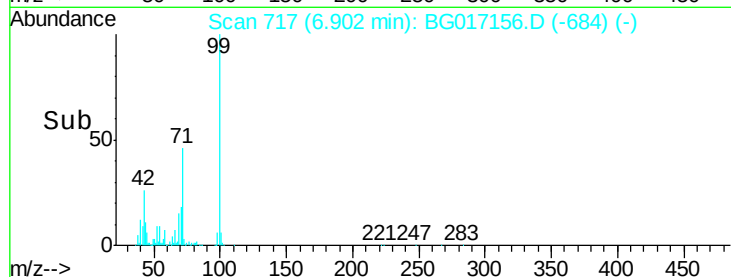
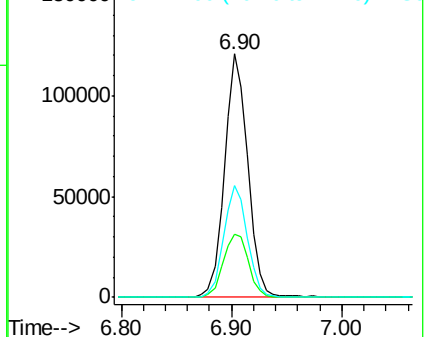
99 100

42 26.0 23.5 35.3

71 45.8 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: BG017156.D

Acq: 15 May 2015 2:04

Tgt Ion: 136 Resp: 280447

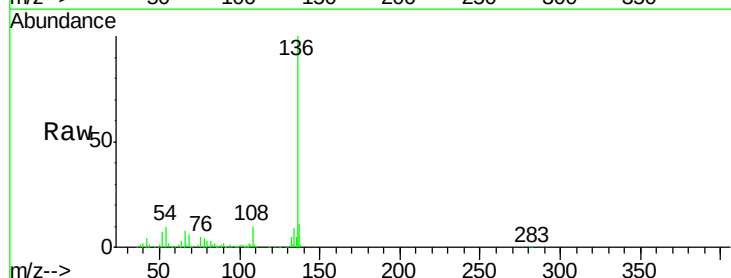
Ion Ratio Lower Upper

136 100

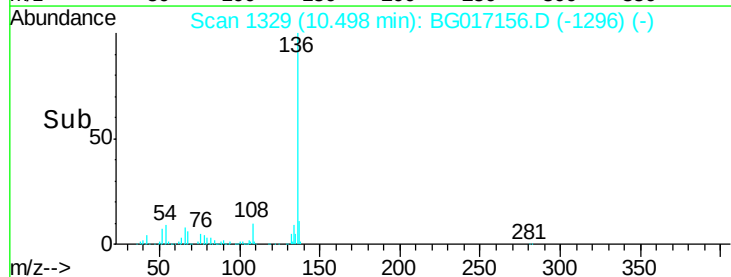
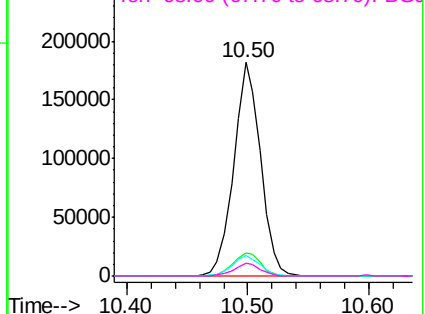
137 11.0 8.3 12.5

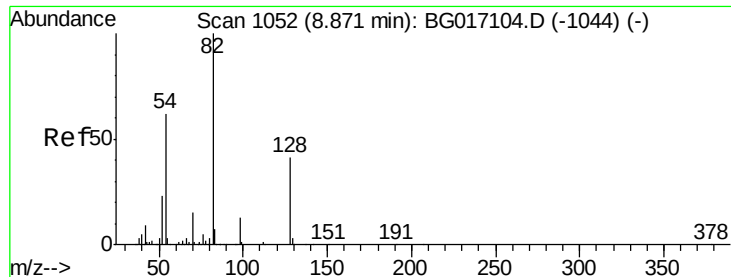
54 9.6 7.4 11.2

68 5.8 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

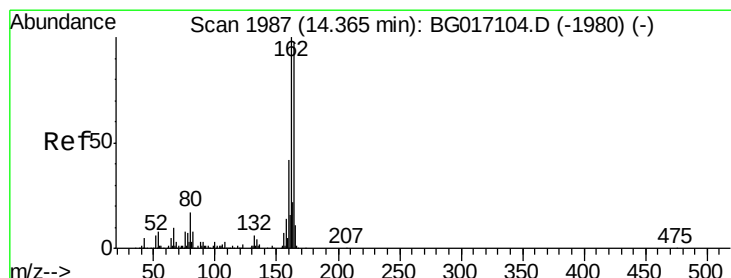
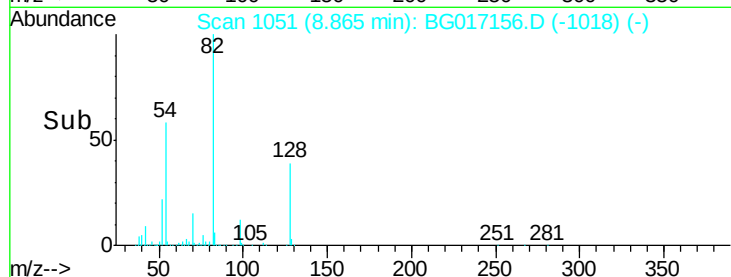
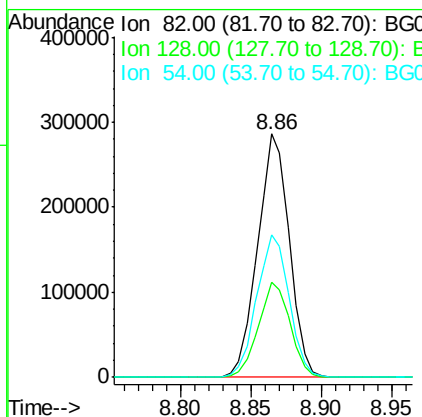
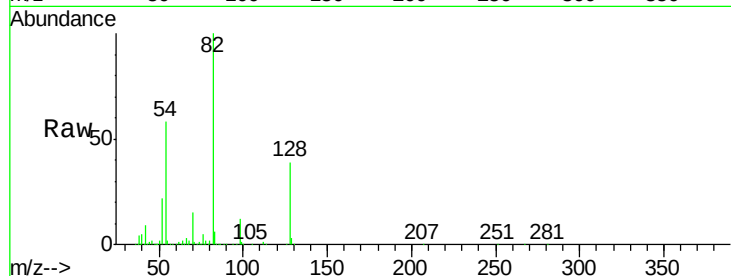




#23
 Nitrobenzene-d5
 Concen: 75.47 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017156.D
 Acq: 15 May 2015 2:04

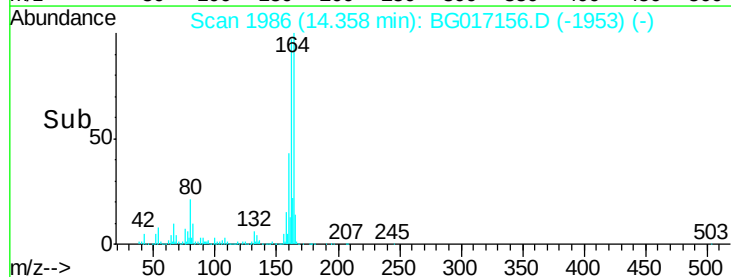
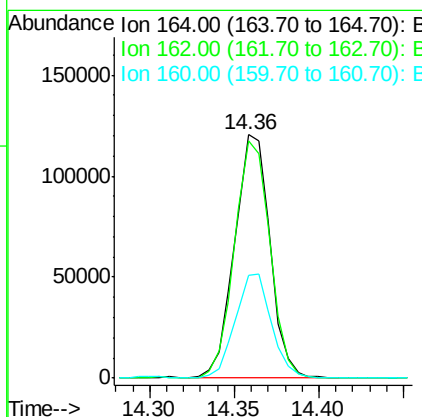
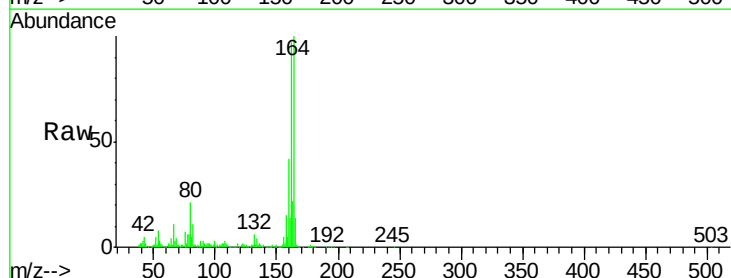
Instrument :
 BNA_G
 ClientSampleId :
 RAV-MW-11

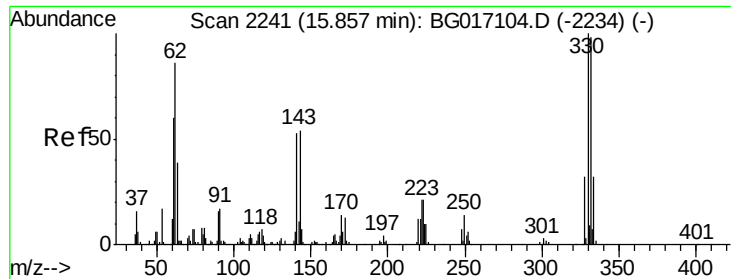
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.9	32.6	49.0
54	58.5	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG017156.D
 Acq: 15 May 2015 2:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	82.1	123.1
160	42.4	34.8	52.2

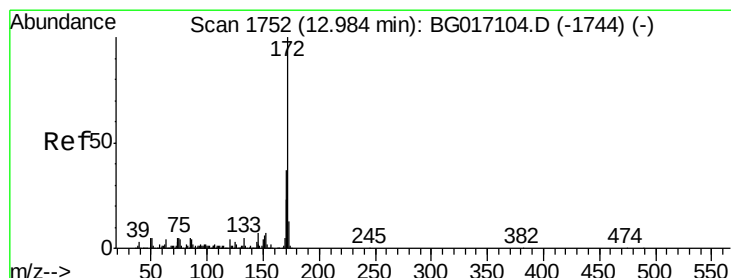
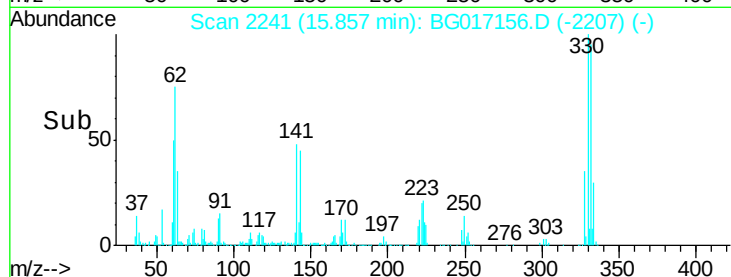
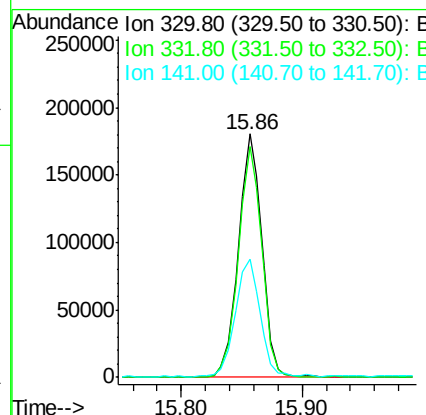
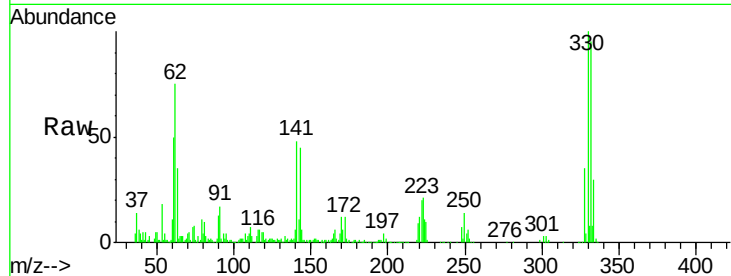




#41
 2,4,6-Tribromophenol
 Concen: 116.07 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017156.D
 Acq: 15 May 2015 2:04

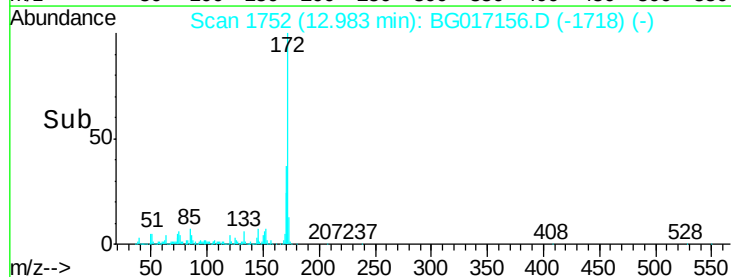
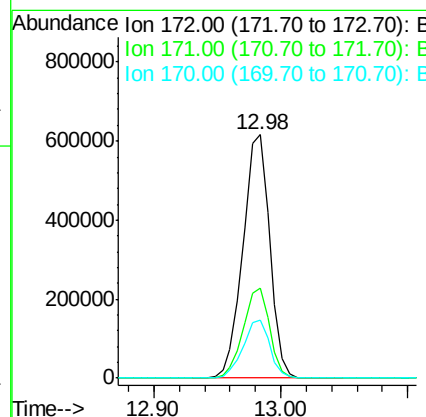
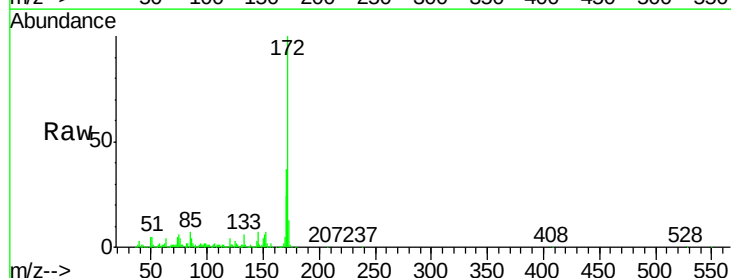
Instrument :
 BNA_G
 ClientSampleId :
 RAV-MW-11

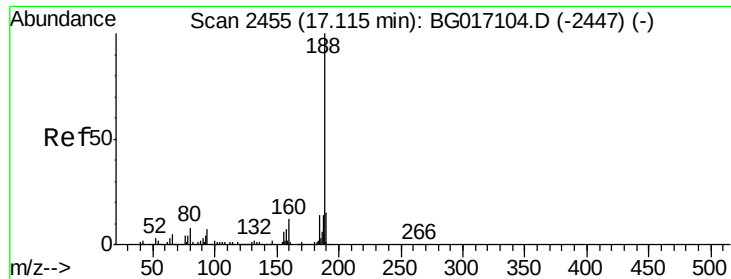
Tgt Ion: 330 Resp: 245267
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.9 115.3
 141 49.9 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 75.66 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017156.D
 Acq: 15 May 2015 2:04

Tgt Ion: 172 Resp: 901405
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.1 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: BG017156.D

Acq: 15 May 2015 2:04

Instrument :

BNA_G

ClientSampleId :

RAV-MW-11

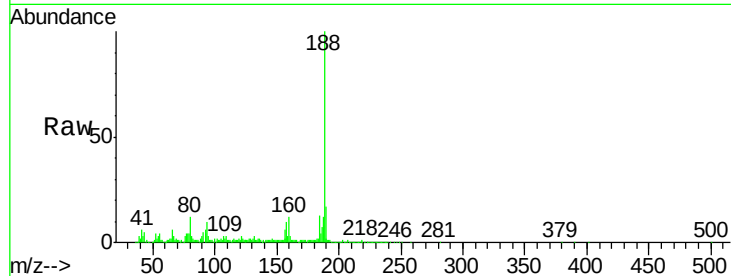
Tgt Ion:188 Resp: 356374

Ion Ratio Lower Upper

188 100

94 10.4 5.8 8.6#

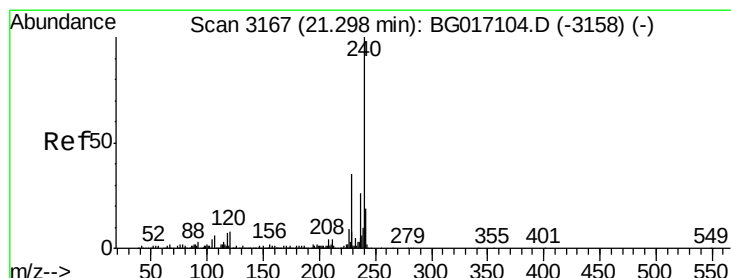
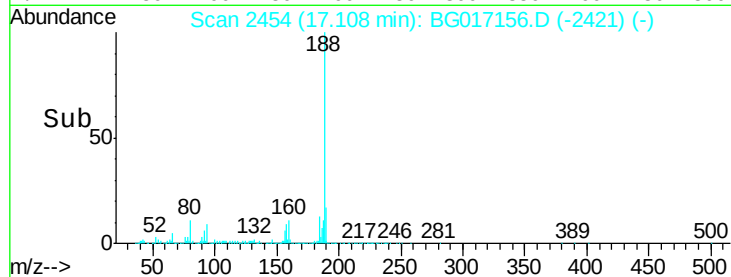
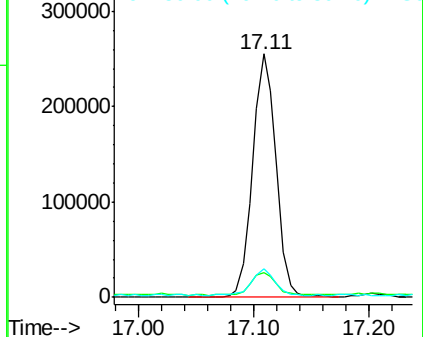
80 11.7 6.5 9.7#



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: BG017156.D

Acq: 15 May 2015 2:04

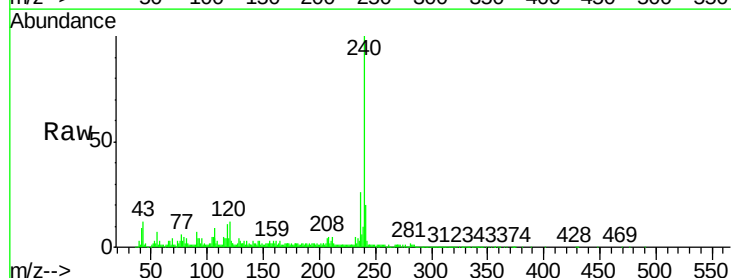
Tgt Ion:240 Resp: 360754

Ion Ratio Lower Upper

240 100

120 12.3 6.0 9.0#

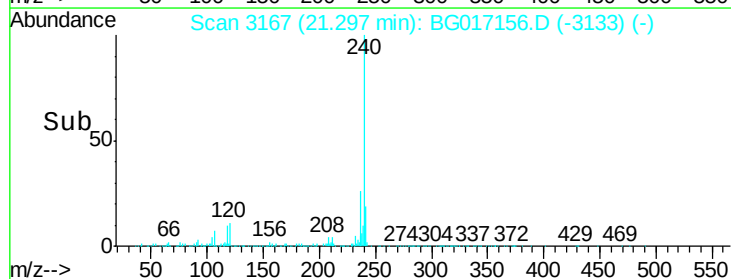
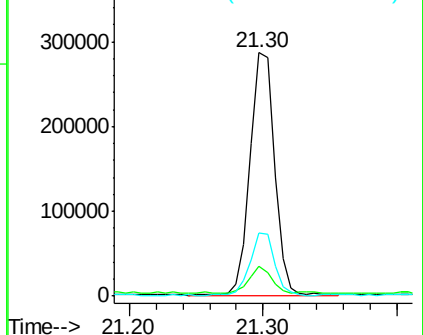
236 25.9 20.5 30.7

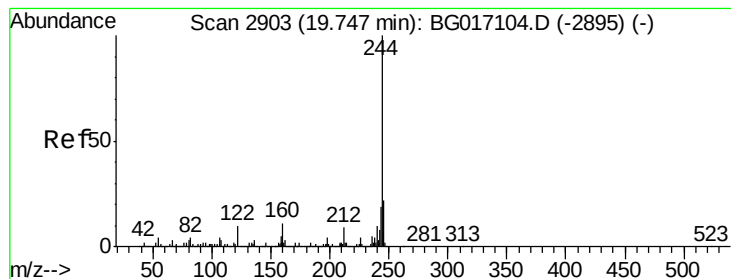


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.23 ng

RT: 19.75 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017156.D

Acq: 15 May 2015 2:04

Instrument :

BNA_G

ClientSampleId :

RAV-MW-11

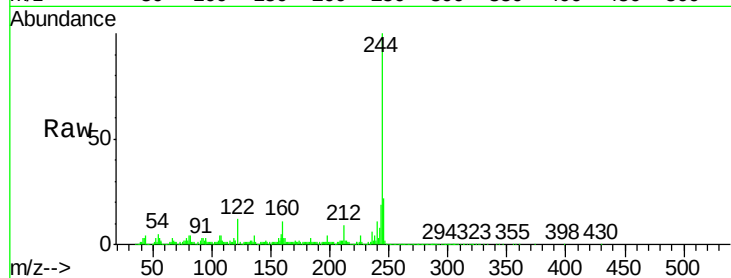
Tgt Ion:244 Resp: 1215816

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

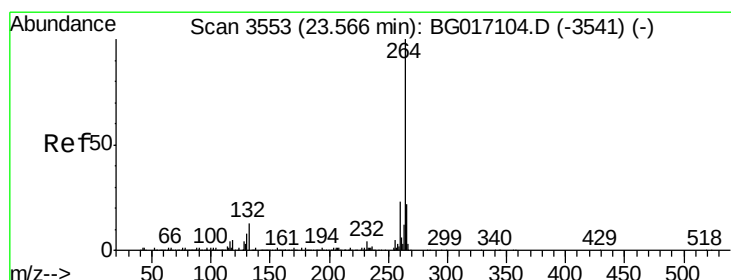
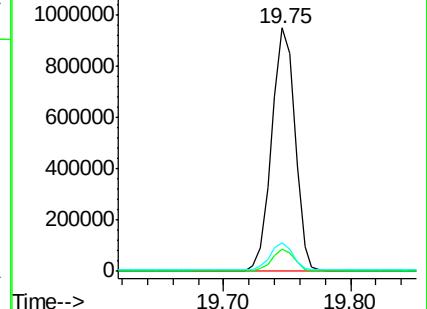
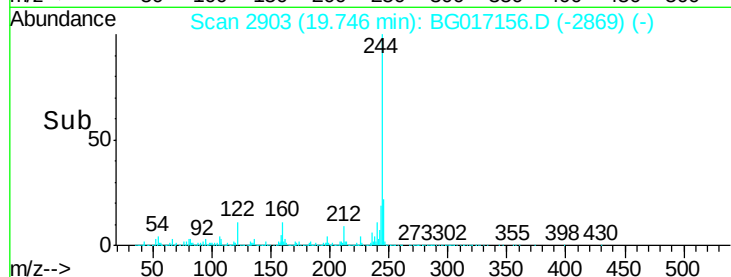
122 11.6 8.4 12.6



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: 23.57 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BG017156.D

Acq: 15 May 2015 2:04

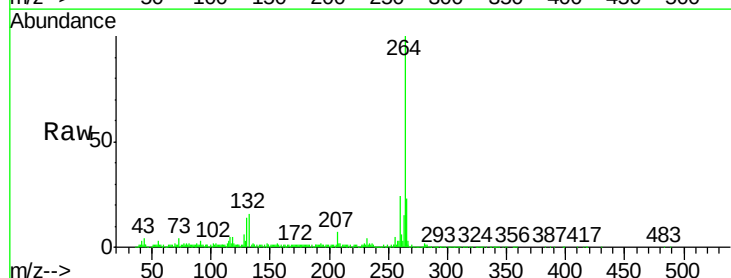
Tgt Ion:264 Resp: 348382

Ion Ratio Lower Upper

264 100

260 23.9 18.0 27.0

265 22.9 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

