

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017152.D
 Acq On : 14 May 2015 21:52
 Operator : TP/IZ
 Sample : G2179-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GTMW-1

Quant Time: May 15 04:33:22 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

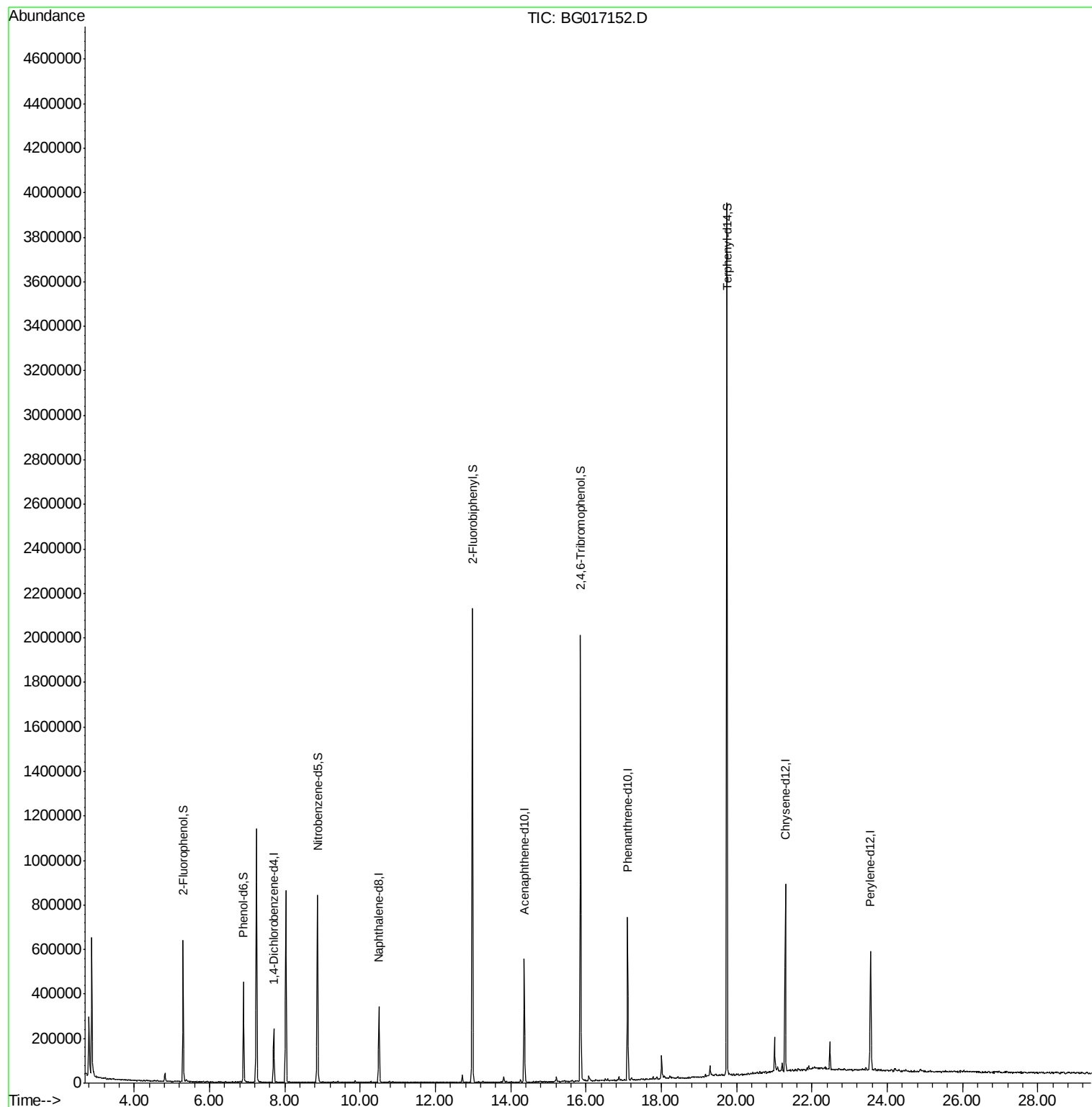
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	54656	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	248357	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	168662	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	380709	20.00	ng	0.00
75) Chrysene-d12	21.30	240	372638	20.00	ng	0.00
86) Perylene-d12	23.56	264	365356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	218981	71.08	ng	0.00
7) Phenol-d6	6.90	99	194435	44.98	ng	0.00
23) Nitrobenzene-d5	8.87	82	438783	82.48	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	269181	132.03	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	918949	79.95	ng	0.00
78) Terphenyl-d14	19.74	244	1459749	81.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.84	77	57	Below Cal	Qvalue #	6

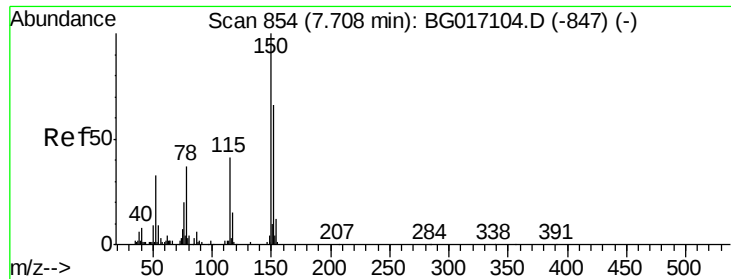
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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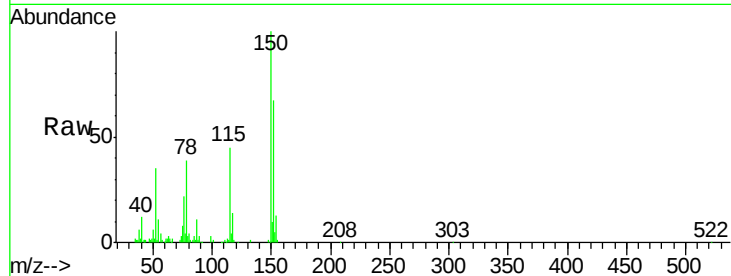


#1

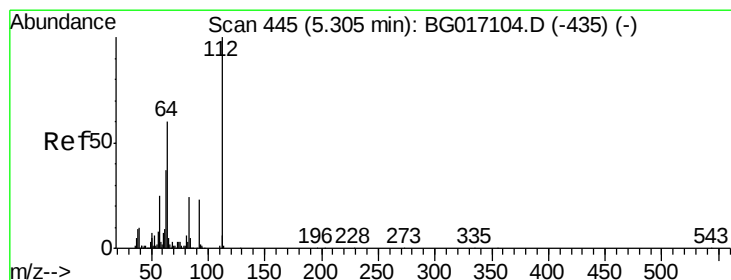
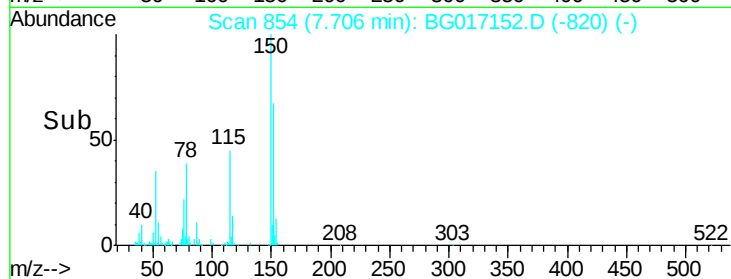
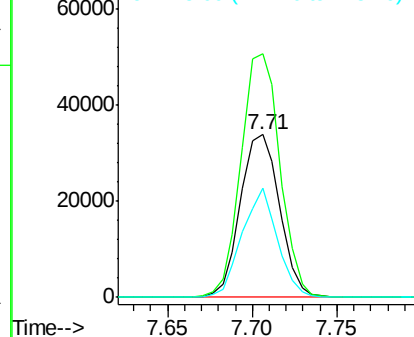
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017152.D
Acq: 14 May 2015 21:52

Instrument :
BNA_G
ClientSampleId :
RAV-GTMW-1

Tgt Ion:152 Resp: 54656
Ion Ratio Lower Upper
152 100
150 149.9 120.8 181.2
115 67.2 49.4 74.2



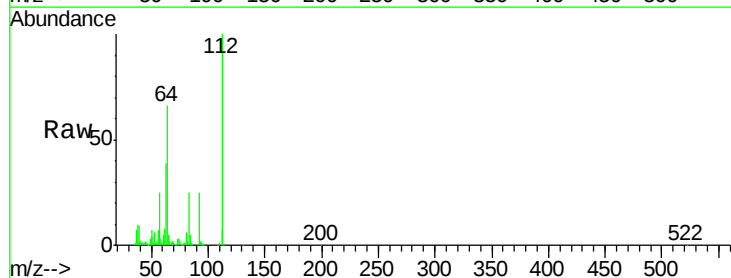
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



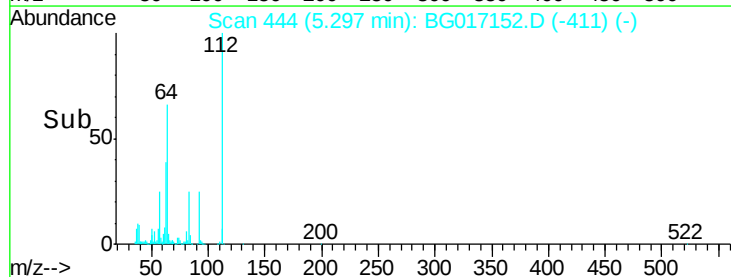
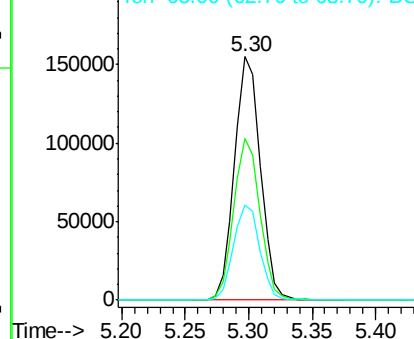
#5

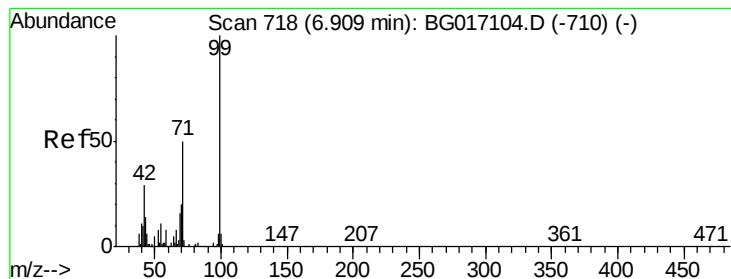
2-Fluorophenol
Concen: 71.08 ng
RT: 5.30 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG017152.D
Acq: 14 May 2015 21:52

Tgt Ion:112 Resp: 218981
Ion Ratio Lower Upper
112 100
64 66.4 48.1 72.1
63 38.9 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: 44.98 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG017152.D

Acq: 14 May 2015 21:52

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-1

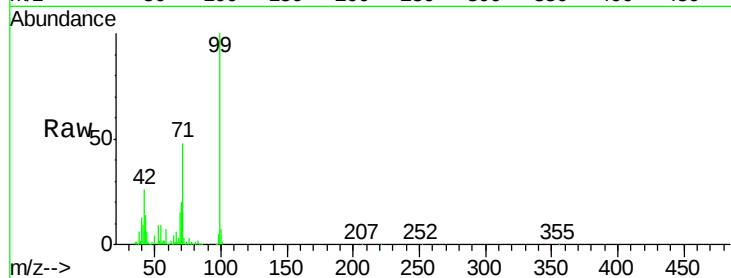
Tgt Ion: 99 Resp: 194435

Ion Ratio Lower Upper

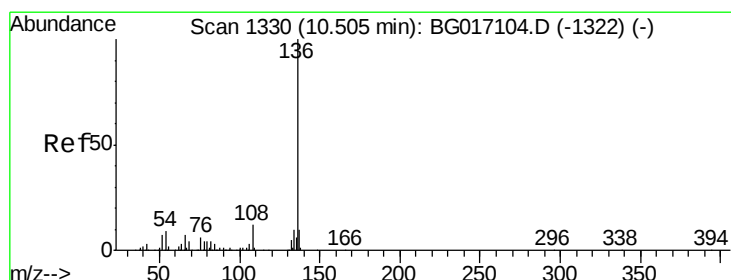
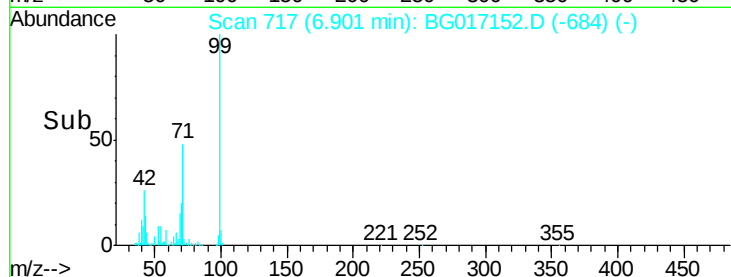
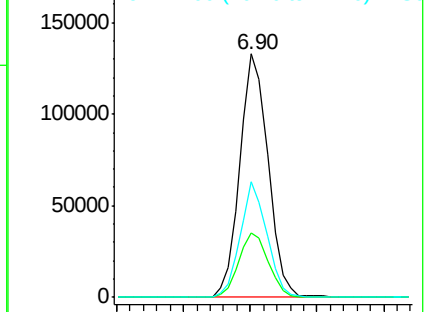
99 100

42 26.2 23.5 35.3

71 47.6 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: BG017152.D

Acq: 14 May 2015 21:52

Tgt Ion: 136 Resp: 248357

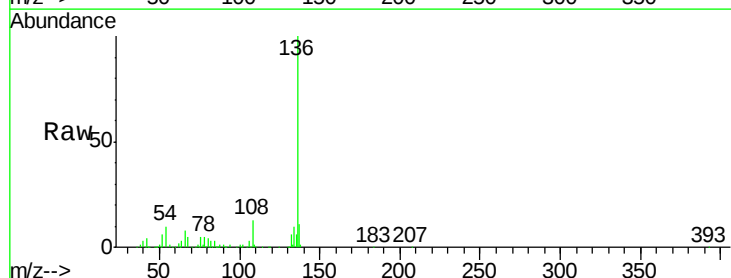
Ion Ratio Lower Upper

136 100

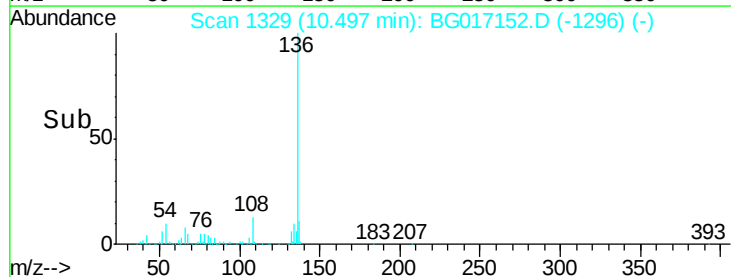
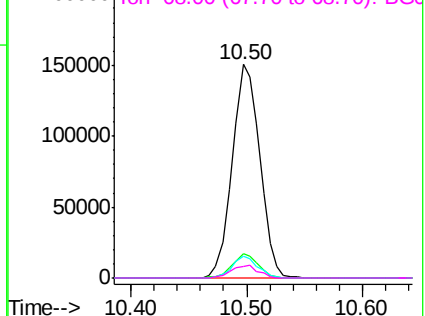
137 11.3 8.3 12.5

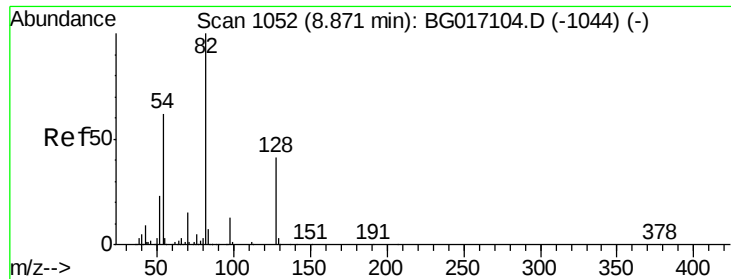
54 10.2 7.4 11.2

68 5.4 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

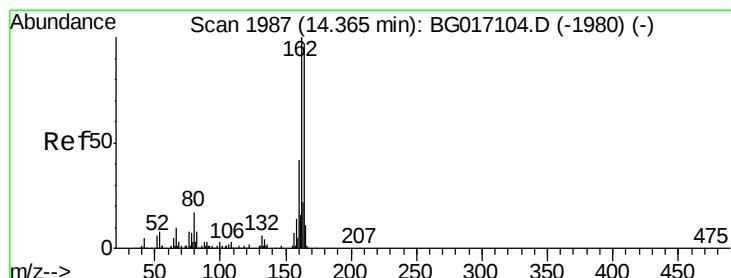
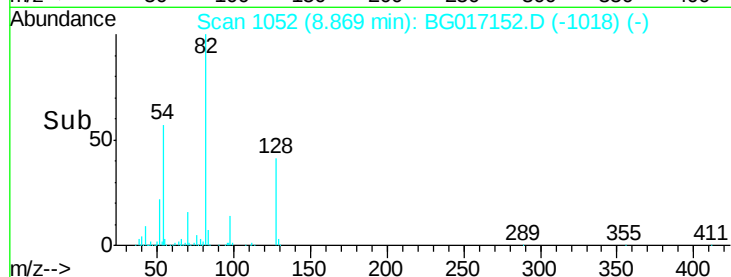
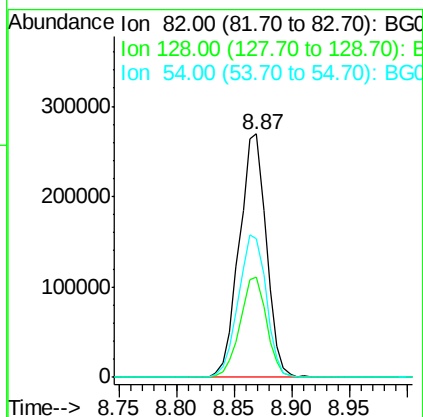
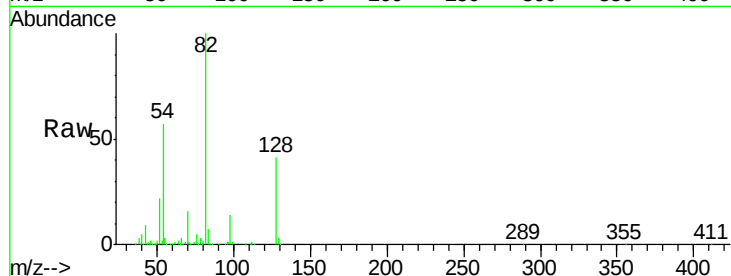




#23
 Nitrobenzene-d5
 Concen: 82.48 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017152.D
 Acq: 14 May 2015 21:52

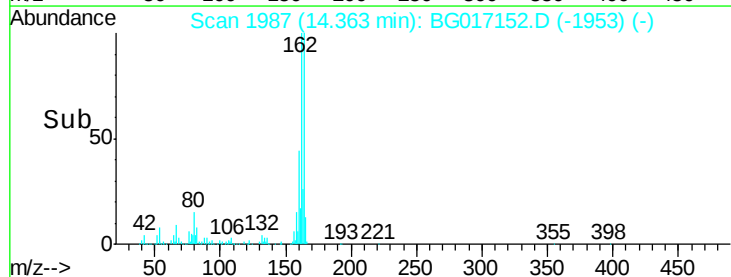
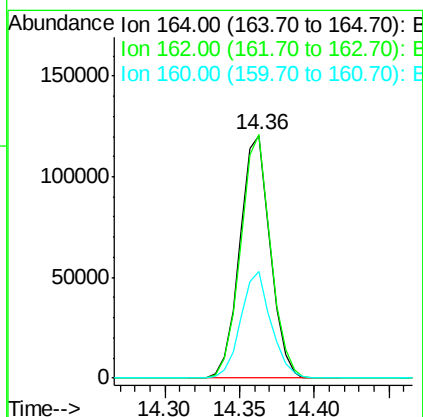
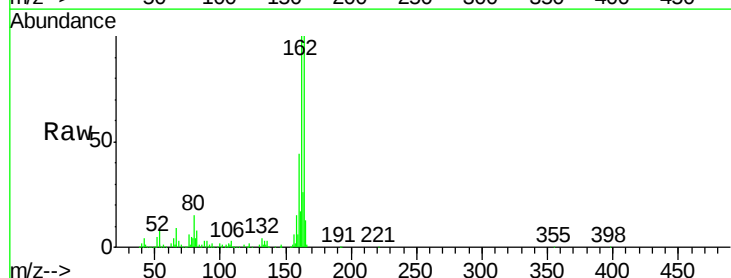
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GTMW-1

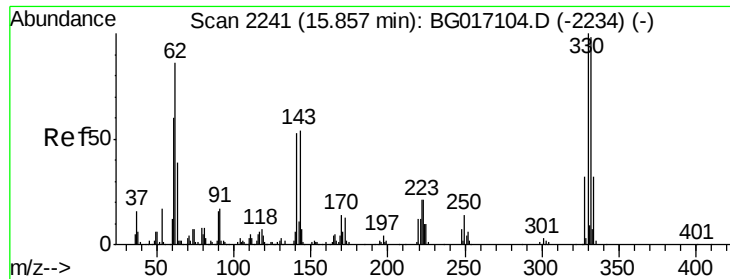
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.6	49.0
54	56.9	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017152.D
 Acq: 14 May 2015 21:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.1	123.1
160	44.1	34.8	52.2

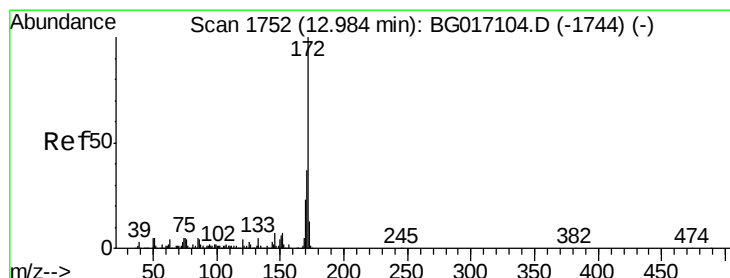
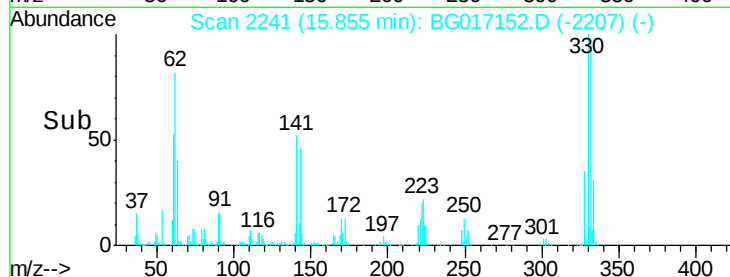
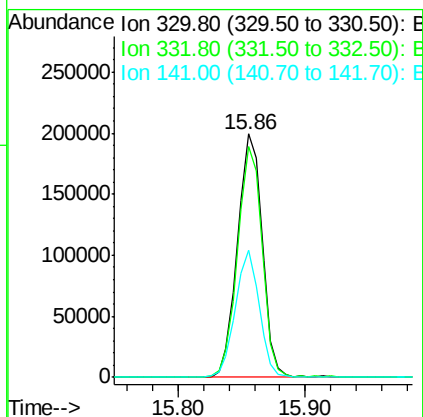
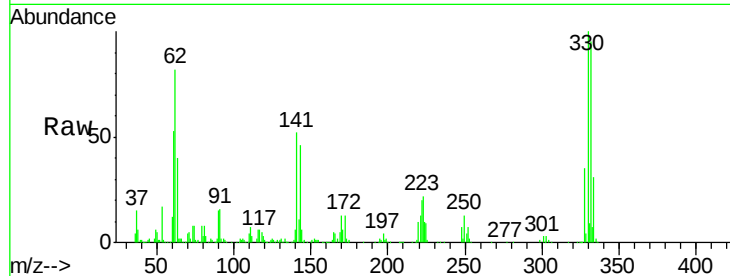




#41
 2,4,6-Tribromophenol
 Concen: 132.03 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017152.D
 Acq: 14 May 2015 21:52

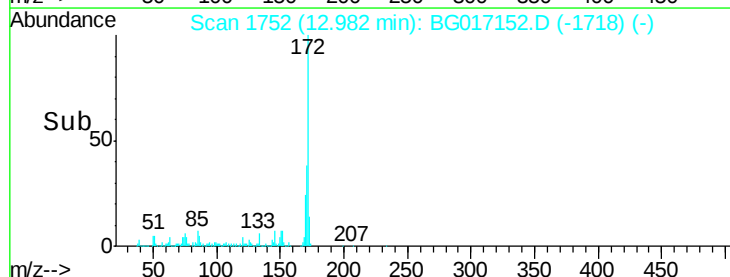
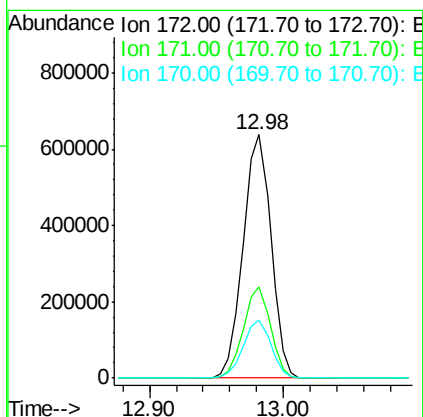
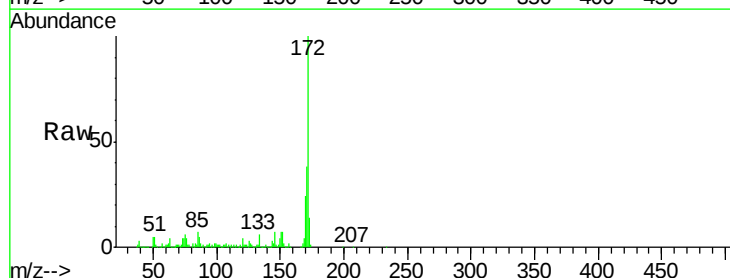
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GTMW-1

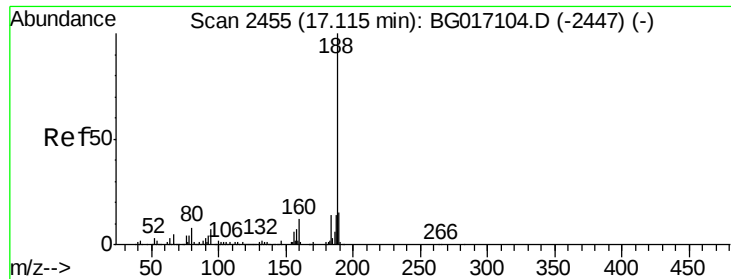
Tgt Ion: 330 Resp: 269181
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.9 115.3
 141 50.7 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 79.95 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017152.D
 Acq: 14 May 2015 21:52

Tgt Ion: 172 Resp: 918949
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.7 44.5
 170 23.7 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: BG017152.D

Acq: 14 May 2015 21:52

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-1

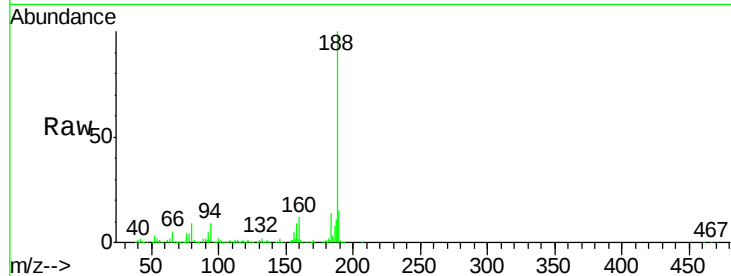
Tgt Ion:188 Resp: 380709

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.6

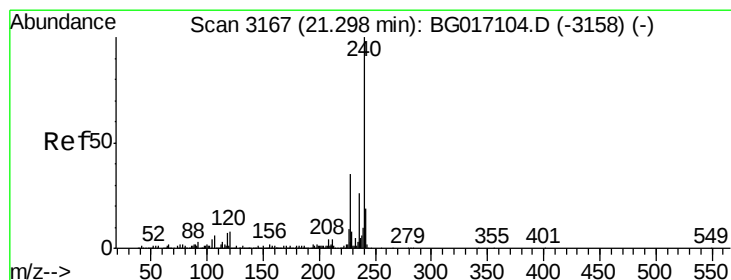
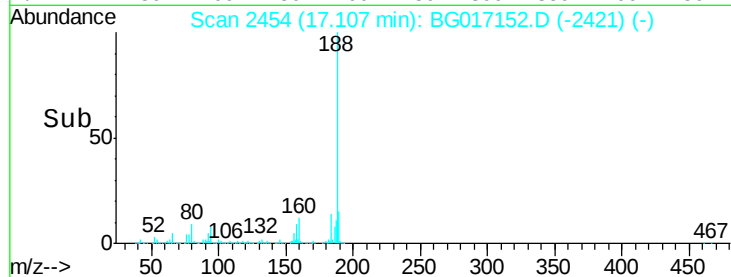
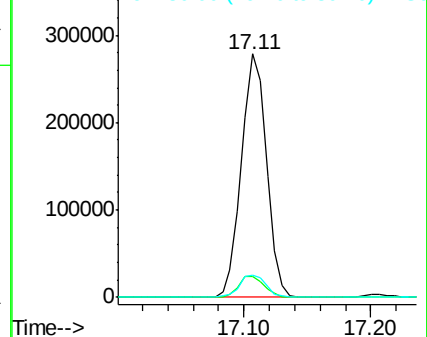
80 9.4 6.5 9.7



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: BG017152.D

Acq: 14 May 2015 21:52

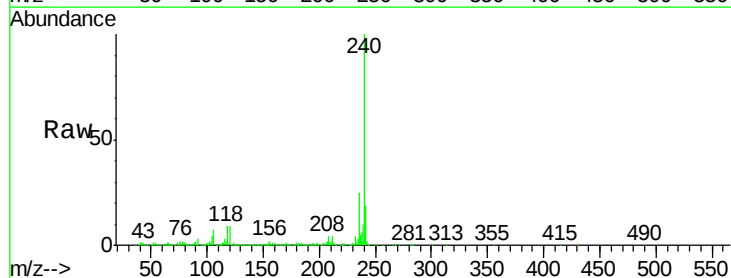
Tgt Ion:240 Resp: 372638

Ion Ratio Lower Upper

240 100

120 9.5 6.0 9.0#

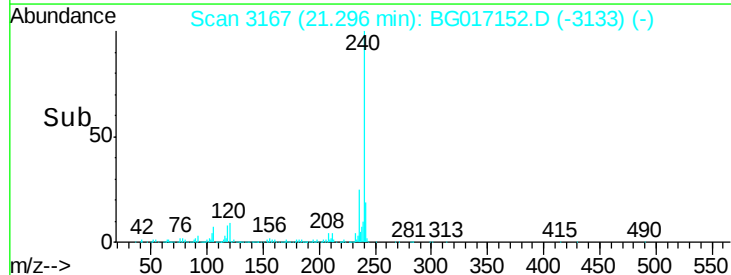
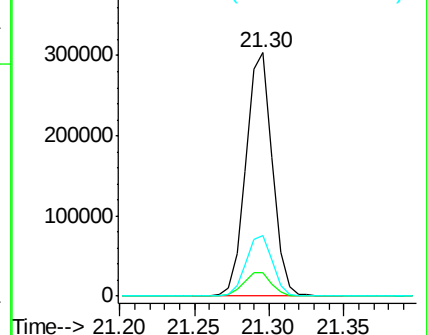
236 24.8 20.5 30.7

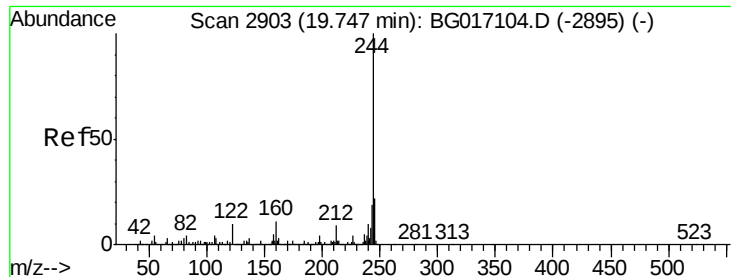


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.63 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017152.D

Acq: 14 May 2015 21:52

Instrument :

BNA_G

ClientSampleId :

RAV-GTMW-1

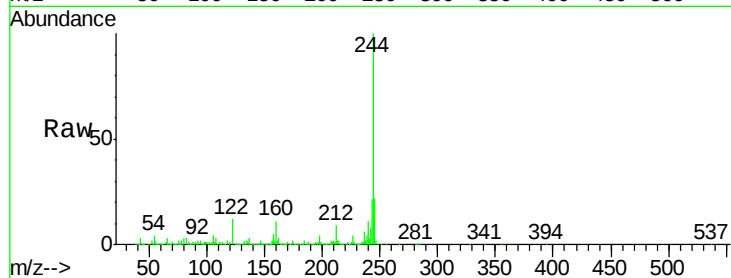
Tgt Ion:244 Resp: 1459749

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.4

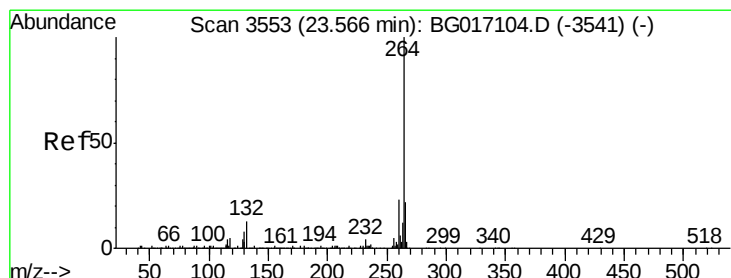
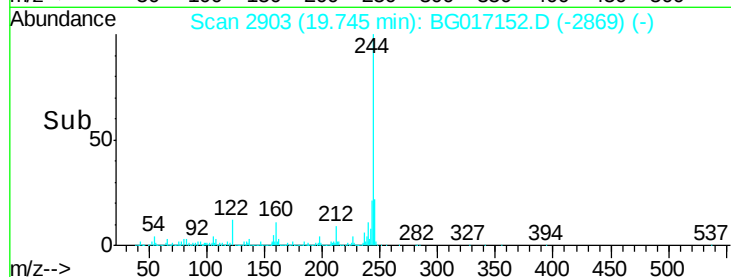
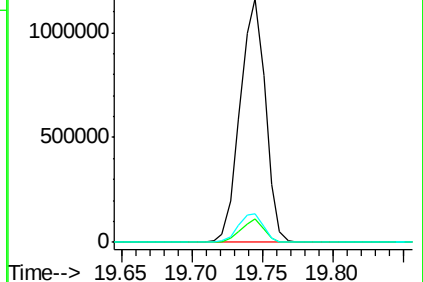
122 11.8 8.4 12.6



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: BG017152.D

Acq: 14 May 2015 21:52

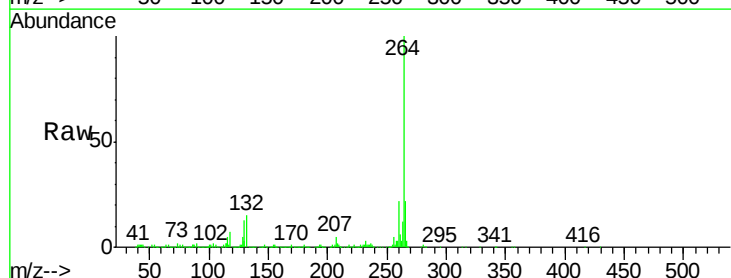
Tgt Ion:264 Resp: 365356

Ion Ratio Lower Upper

264 100

260 22.3 18.0 27.0

265 21.5 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

