

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017251.D
 Acq On : 22 May 2015 18:22
 Operator : TP/IZ
 Sample : PB83498BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83498BL

Quant Time: May 23 00:59:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 00:52:32 2015
 Response via : Initial Calibration

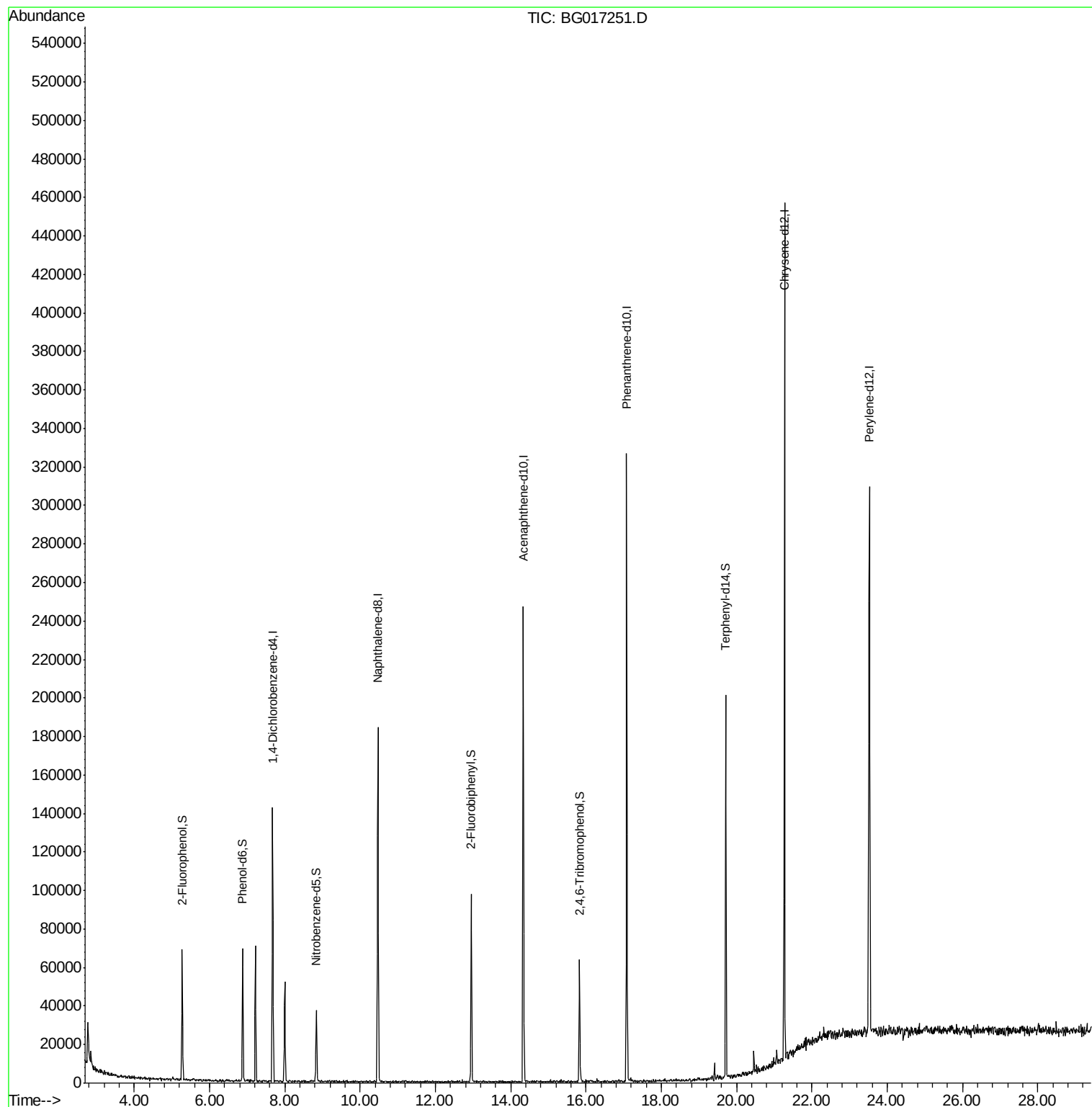
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	33862	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	132954	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	81432	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	175735	20.00	ng	0.00
75) Chrysene-d12	21.27	240	201157	20.00	ng	0.00
86) Perylene-d12	23.53	264	198229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	25253	13.23	ng	0.00
7) Phenol-d6	6.88	99	31655	11.82	ng	0.00
23) Nitrobenzene-d5	8.84	82	20994	7.37	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	9899	10.06	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	44886	8.09	ng	0.00
78) Terphenyl-d14	19.71	244	76556	7.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.87	77	81	Below Cal	Qvalue #	6

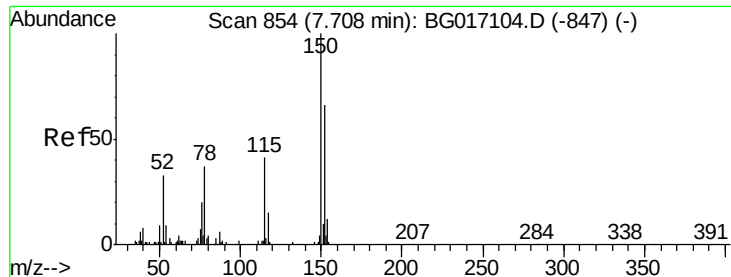
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 23 00:52:32 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017251.D

Acq: 22 May 2015 18:22

Instrument :

BNA_G

ClientSampleId :

PB83498BL

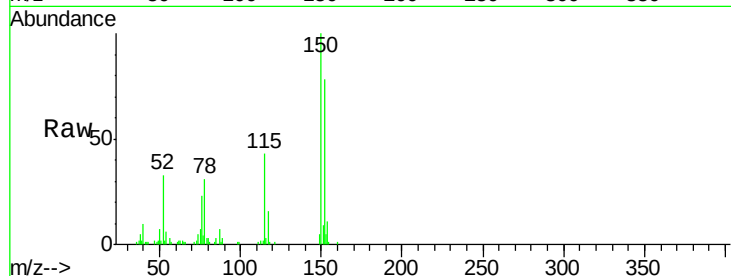
Tgt Ion:152 Resp: 33862

Ion Ratio Lower Upper

152 100

150 127.6 120.8 181.2

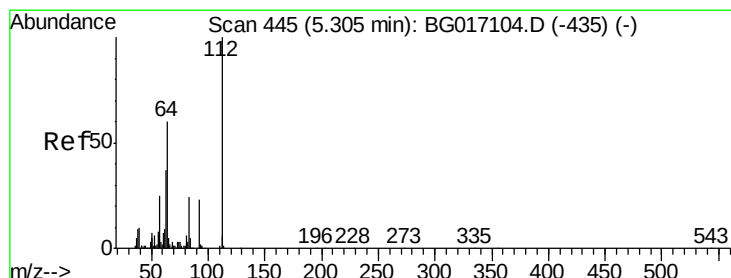
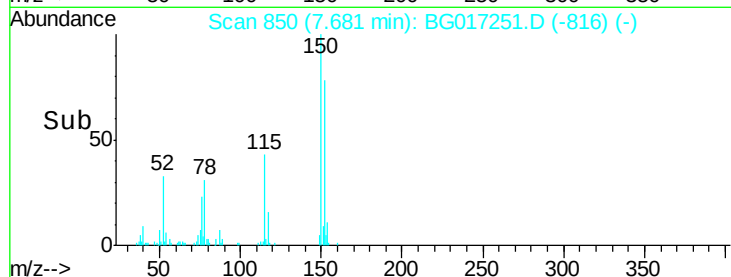
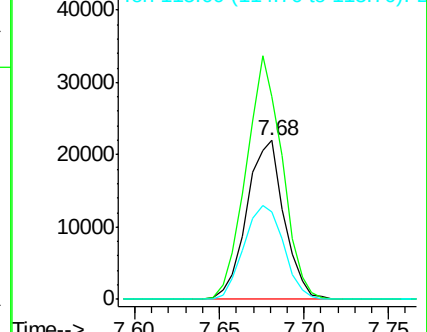
115 55.0 49.4 74.2



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: 13.23 ng

RT: 5.27 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG017251.D

Acq: 22 May 2015 18:22

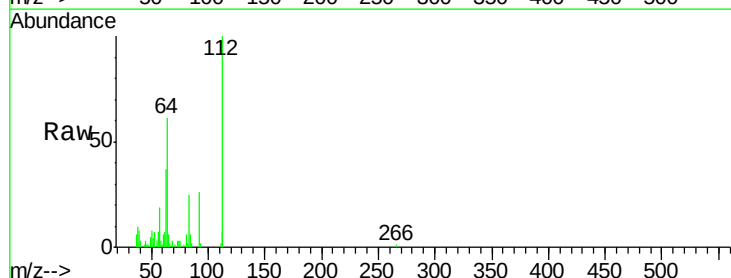
Tgt Ion:112 Resp: 25253

Ion Ratio Lower Upper

112 100

64 61.3 48.1 72.1

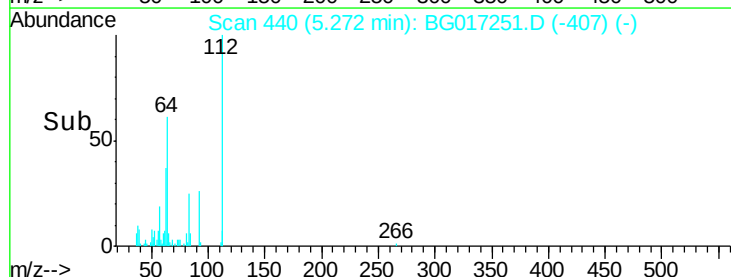
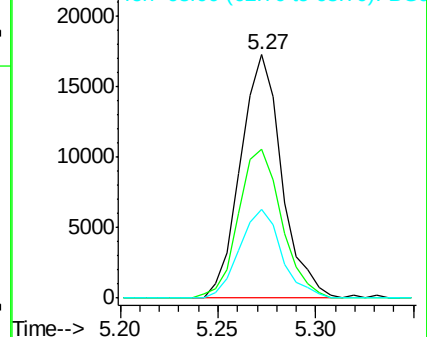
63 36.5 29.8 44.8

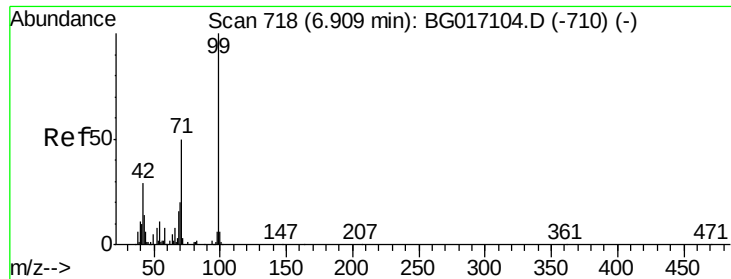


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 11.82 ng

RT: 6.88 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG017251.D

Acq: 22 May 2015 18:22

Instrument :

BNA_G

ClientSampleId :

PB83498BL

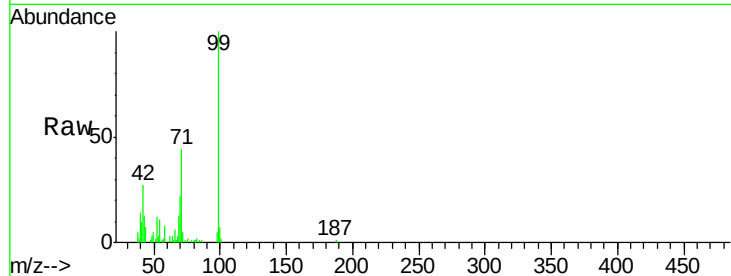
Tgt Ion: 99 Resp: 31655

Ion Ratio Lower Upper

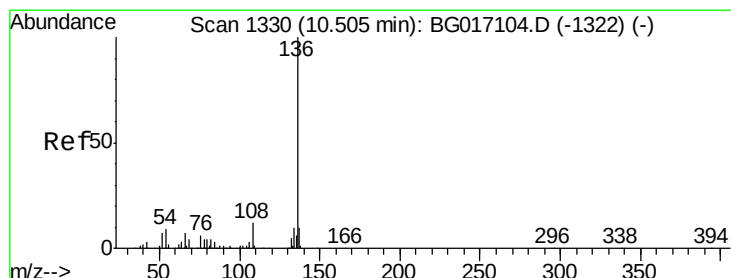
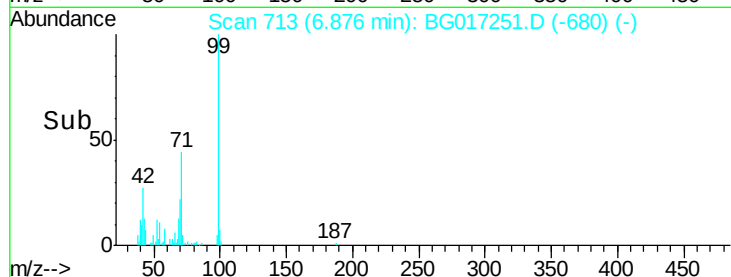
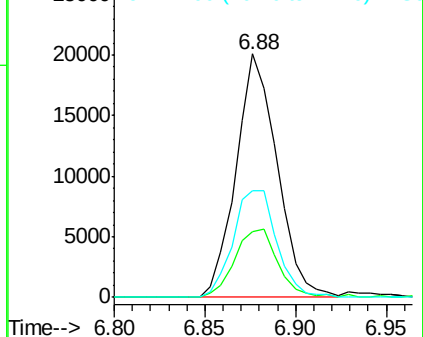
99 100

42 27.2 23.5 35.3

71 43.8 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: 10.47 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG017251.D

Acq: 22 May 2015 18:22

Tgt Ion: 136 Resp: 132954

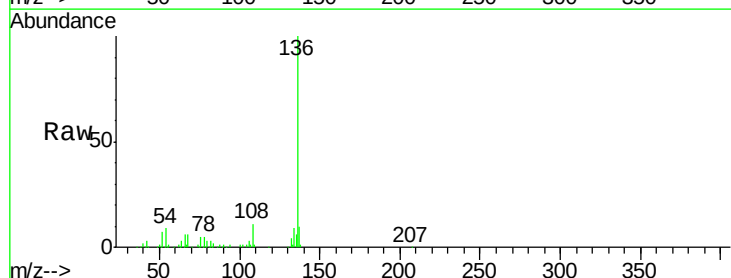
Ion Ratio Lower Upper

136 100

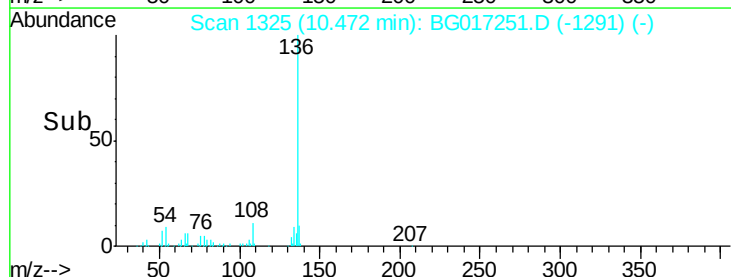
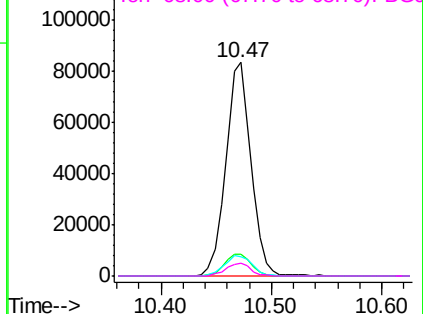
137 10.2 8.3 12.5

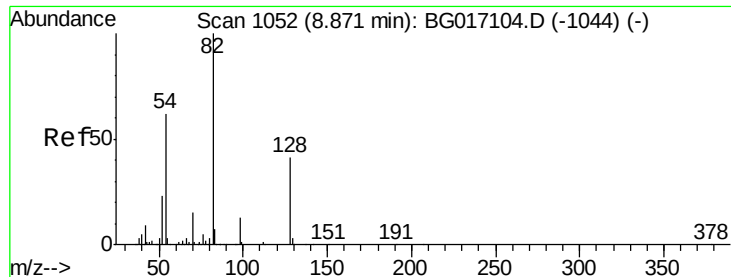
54 9.3 7.4 11.2

68 6.1 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: 7.37 ng

RT: 8.84 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BG017251.D

Acq: 22 May 2015 18:22

Instrument :

BNA_G

ClientSampleId :

PB83498BL

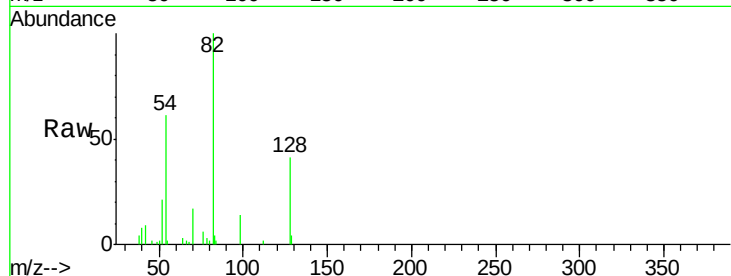
Tgt Ion: 82 Resp: 20994

Ion Ratio Lower Upper

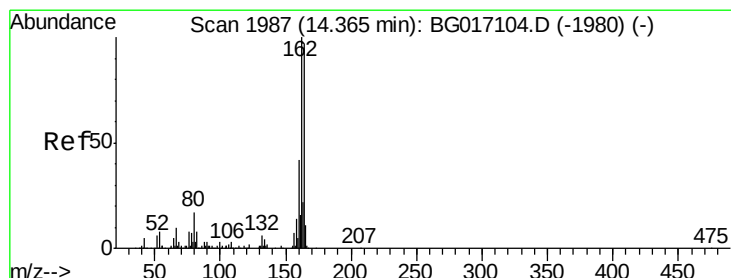
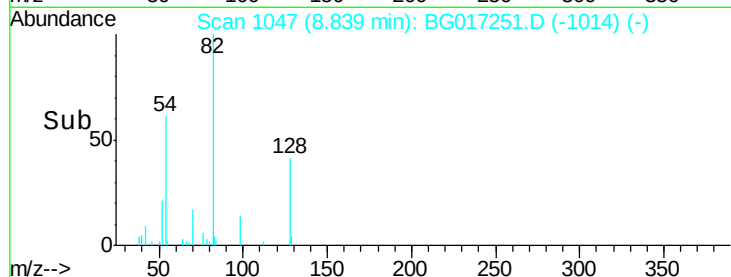
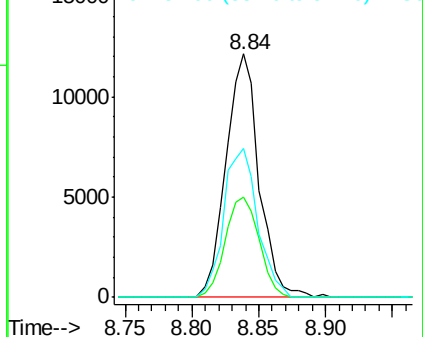
82 100

128 41.2 32.6 49.0

54 61.3 49.6 74.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG017251.D

Acq: 22 May 2015 18:22

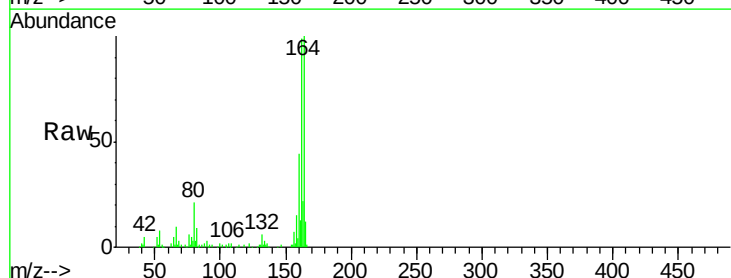
Tgt Ion: 164 Resp: 81432

Ion Ratio Lower Upper

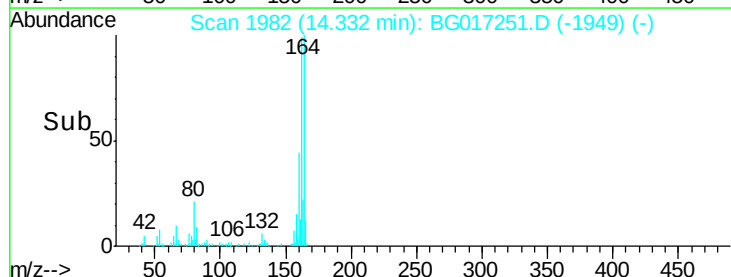
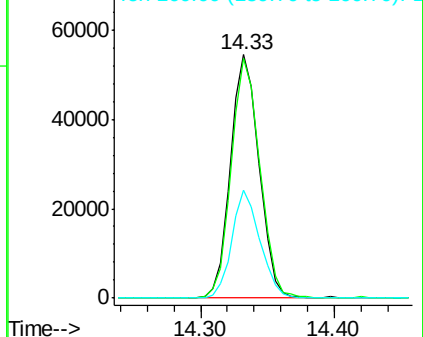
164 100

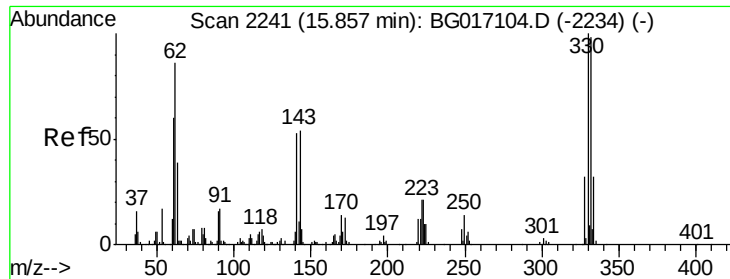
162 98.7 82.1 123.1

160 44.2 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

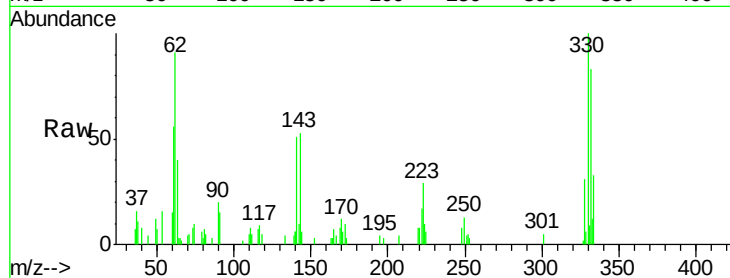




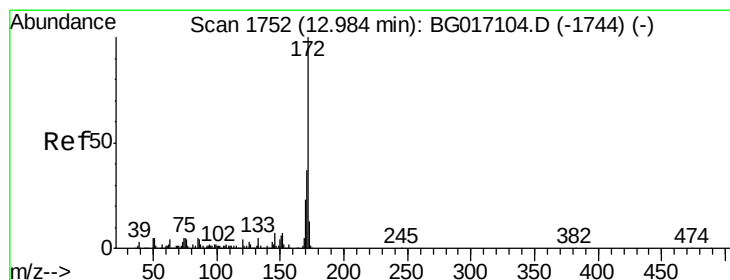
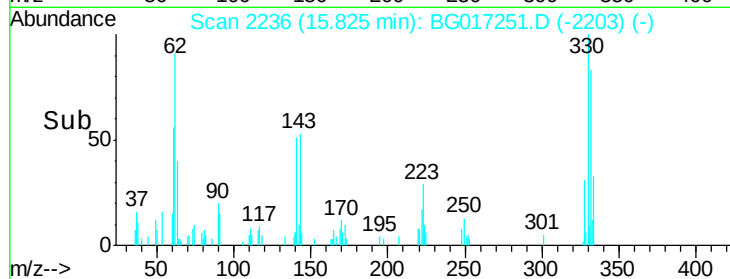
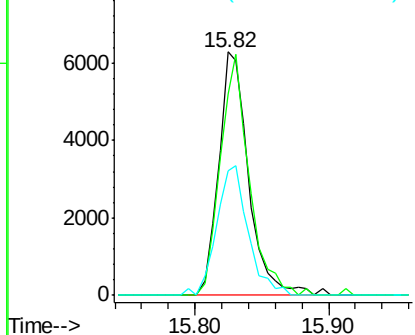
#41
2,4,6-Tribromophenol
Concen: 10.06 ng
RT: 15.82 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BG017251.D
Acq: 22 May 2015 18:22

Instrument :
BNA_G
ClientSampleId :
PB83498BL

Tgt Ion:330 Resp: 9899
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 55.9 42.2 63.2

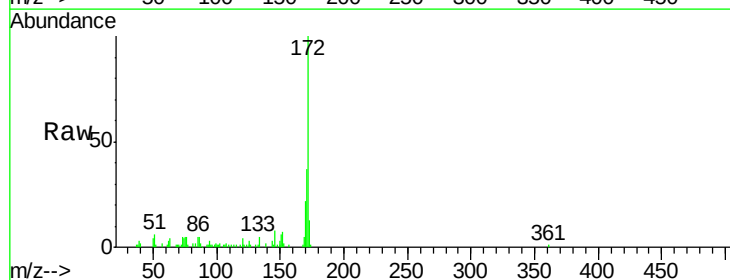


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

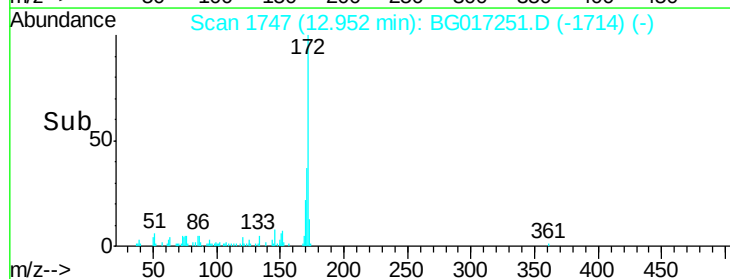
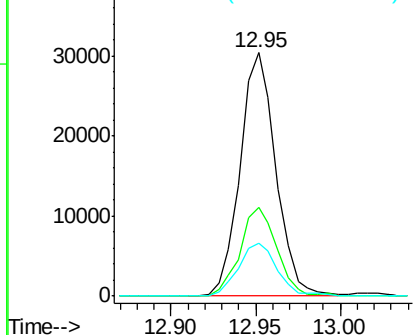


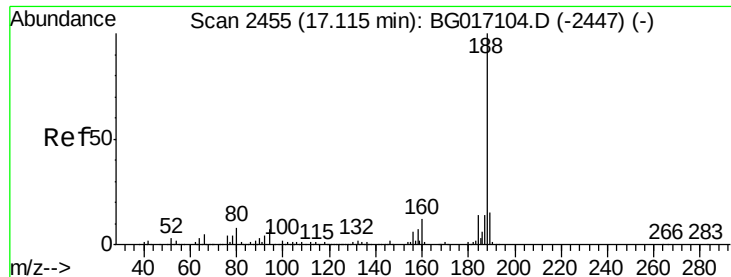
#44
2-Fluorobiphenyl
Concen: 8.09 ng
RT: 12.95 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG017251.D
Acq: 22 May 2015 18:22

Tgt Ion:172 Resp: 44886
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 21.8 18.4 27.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG017251.D

Acq: 22 May 2015 18:22

Instrument :

BNA_G

ClientSampleId :

PB83498BL

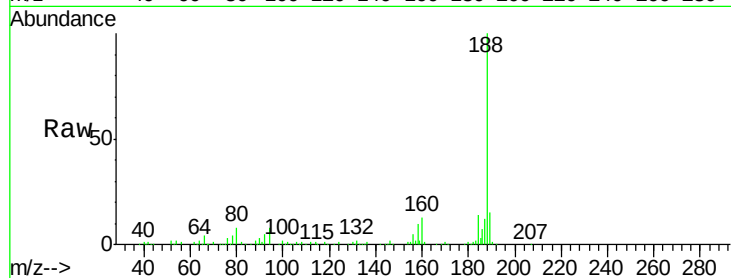
Tgt Ion:188 Resp: 175735

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.6

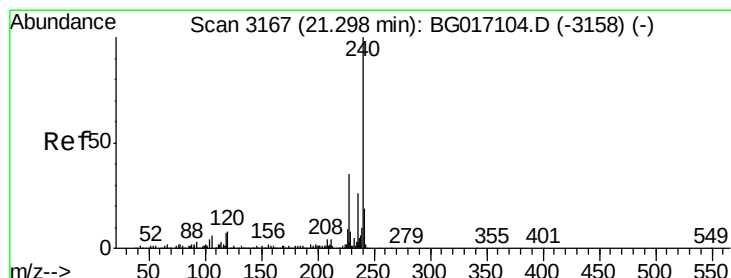
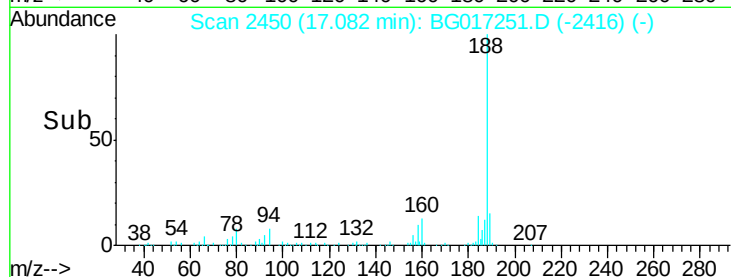
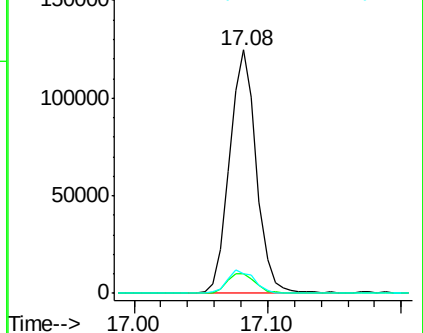
80 7.9 6.5 9.7



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: 21.27 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG017251.D

Acq: 22 May 2015 18:22

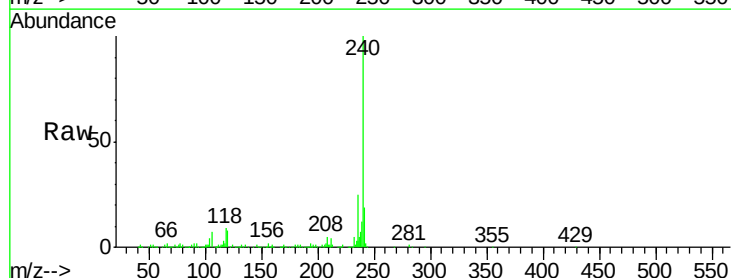
Tgt Ion:240 Resp: 201157

Ion Ratio Lower Upper

240 100

120 8.4 6.0 9.0

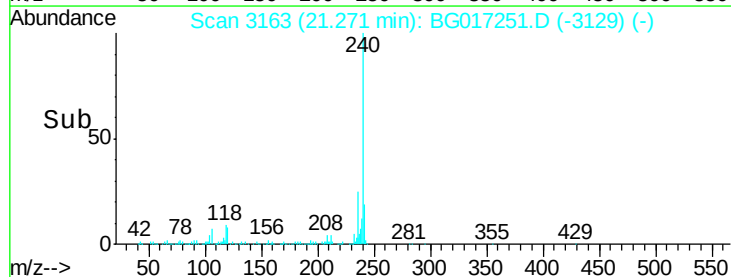
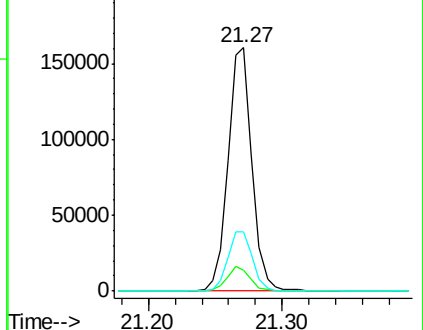
236 24.6 20.5 30.7

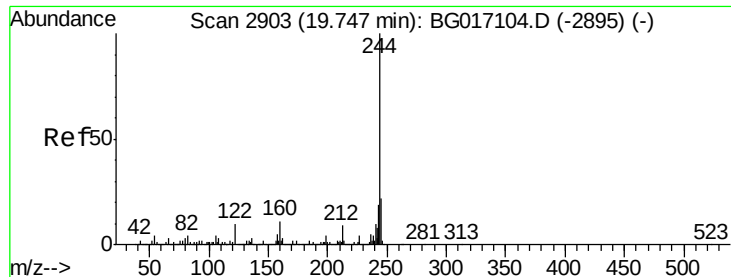


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 7.93 ng

RT: 19.71 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG017251.D

Acq: 22 May 2015 18:22

Instrument :

BNA_G

ClientSampleId :

PB83498BL

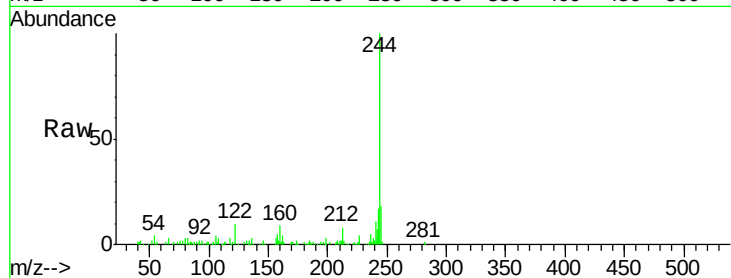
Tgt Ion:244 Resp: 76556

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.4

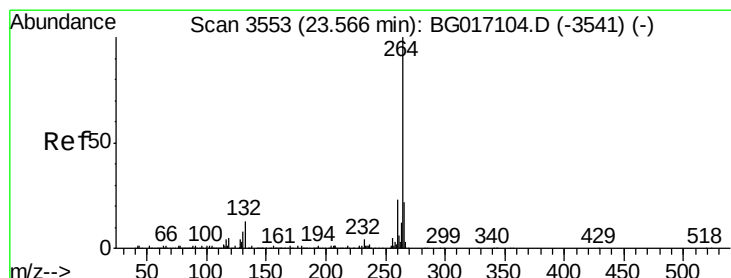
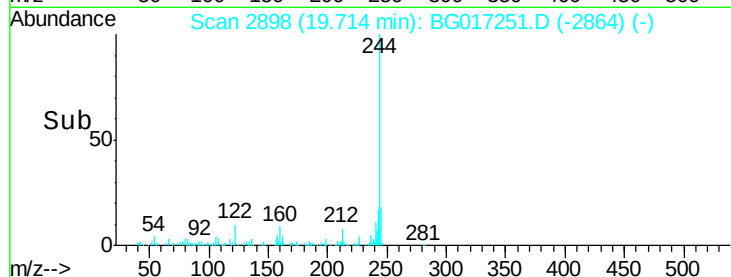
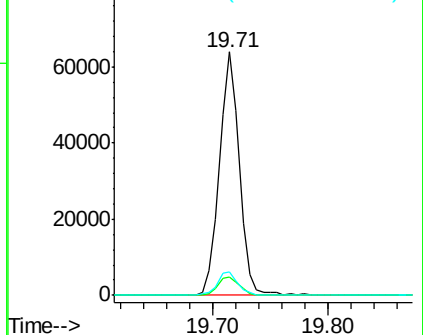
122 9.8 8.4 12.6



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: 23.53 min Scan# 3547

Delta R.T. 0.01 min

Lab File: BG017251.D

Acq: 22 May 2015 18:22

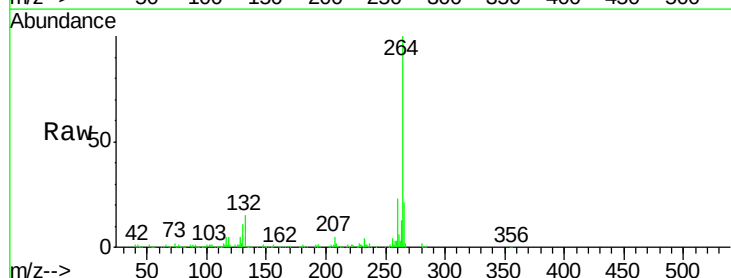
Tgt Ion:264 Resp: 198229

Ion Ratio Lower Upper

264 100

260 23.2 18.0 27.0

265 20.6 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

