

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 01:44:16 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

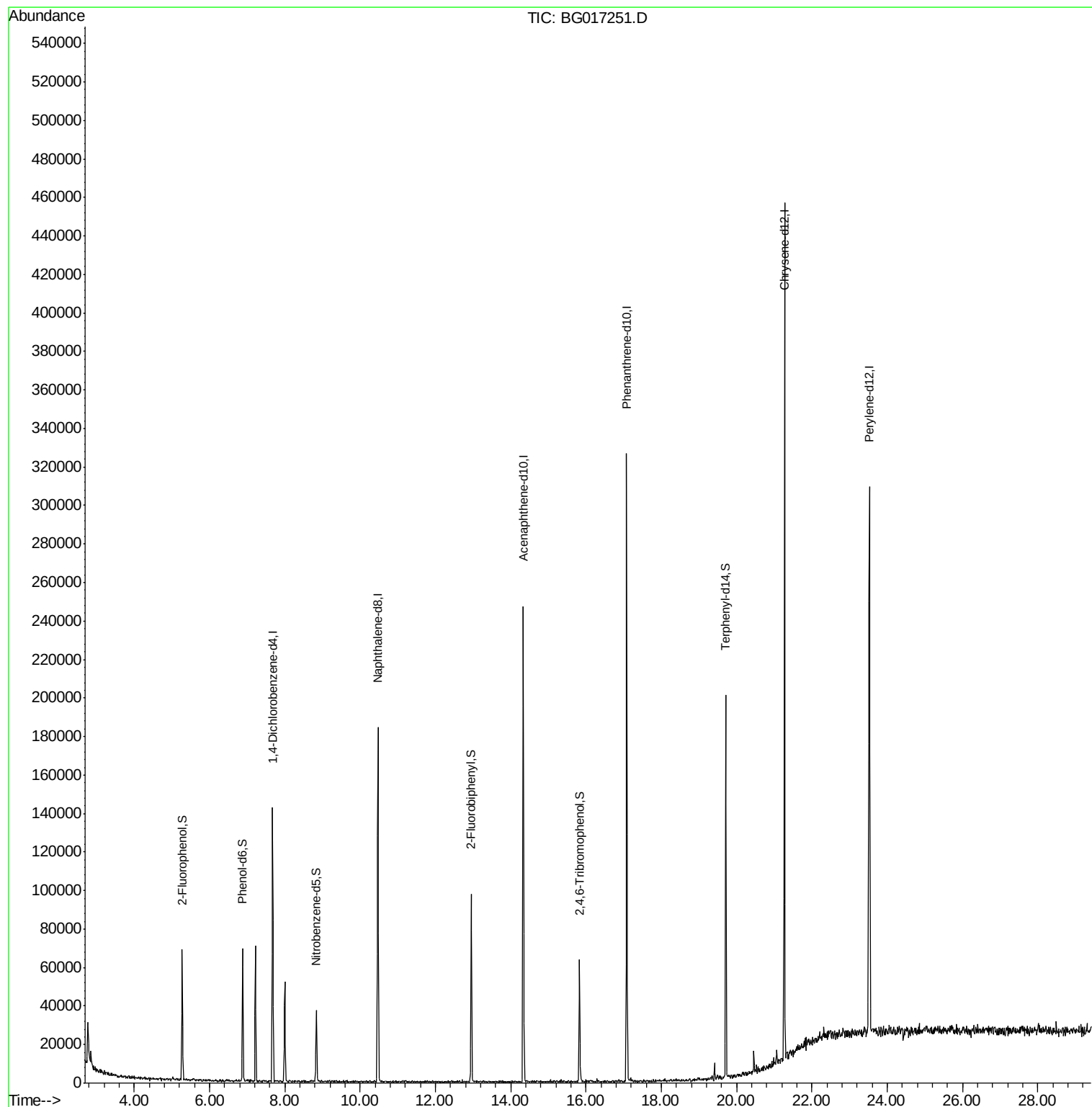
Target Compounds	Qvalue
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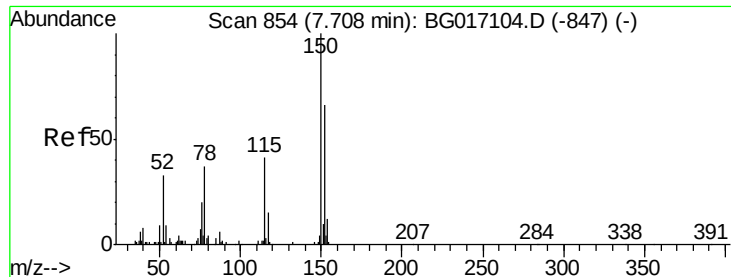
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017251.D

Acq: 22 May 2015 18:22

Instrument :

BNA_G

ClientSampleId :

PB83498BL

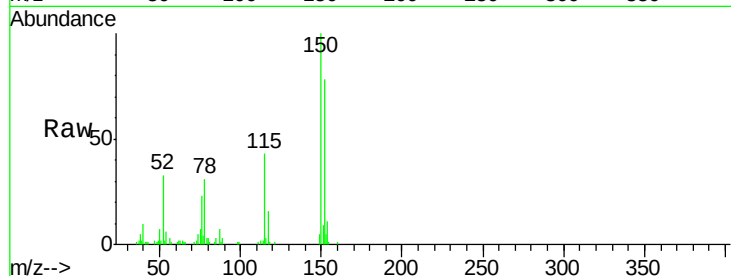
Tgt Ion:152 Resp: 33862

Ion Ratio Lower Upper

152 100

150 127.6 120.8 181.2

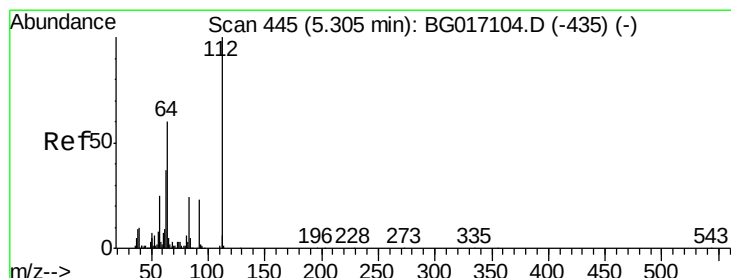
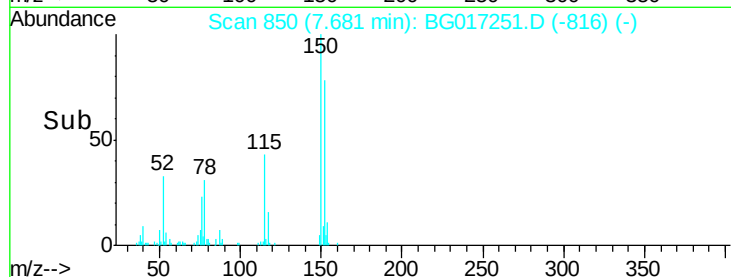
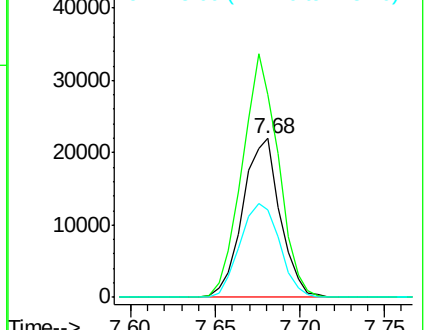
115 55.0 49.4 74.2



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

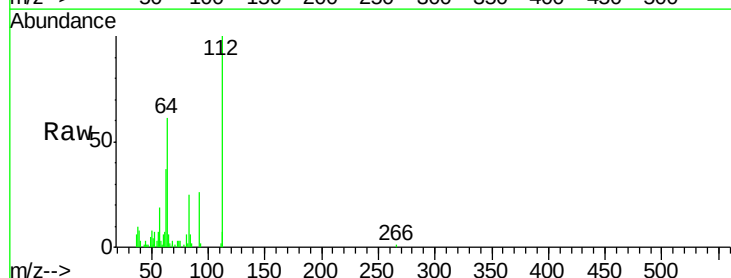
Tgt Ion:112 Resp: 25253

Ion Ratio Lower Upper

112 100

64 61.3 48.1 72.1

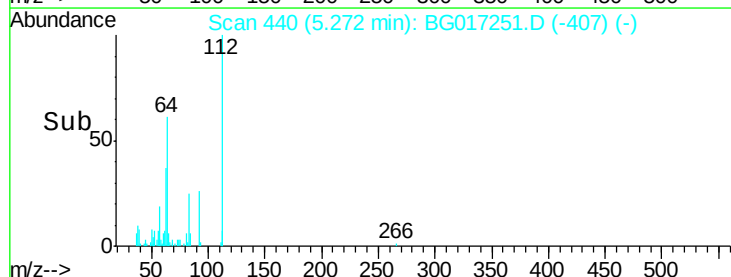
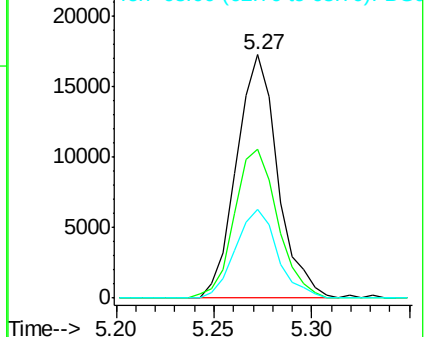
63 36.5 29.8 44.8

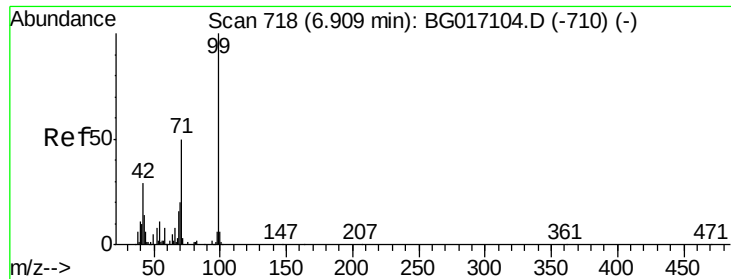


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#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

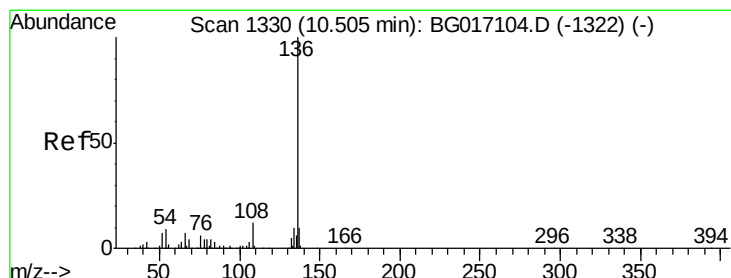
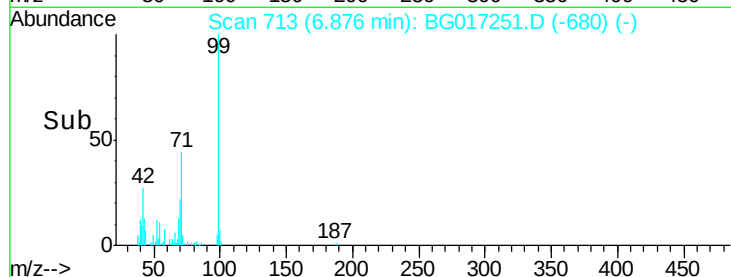
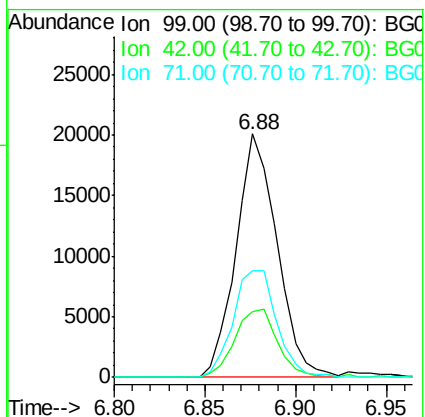
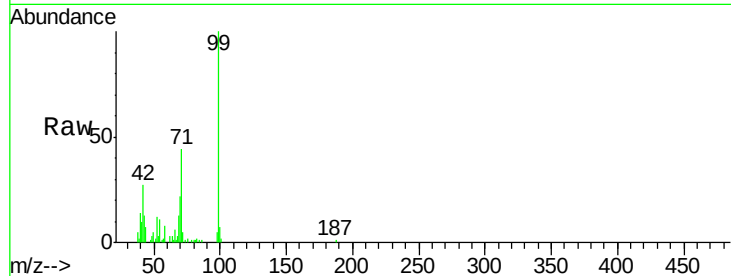
Tgt Ion: 99 Resp: 31655

Ion Ratio Lower Upper

99 100

42 27.2 23.5 35.3

71 43.8 39.8 59.8



#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

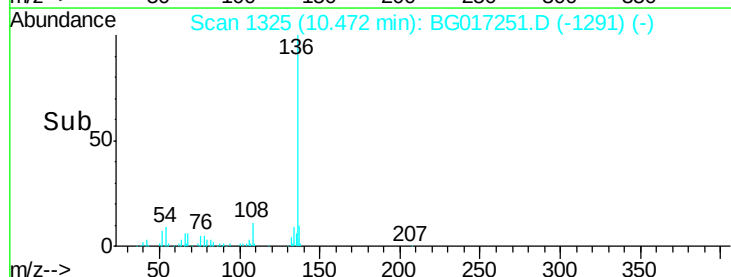
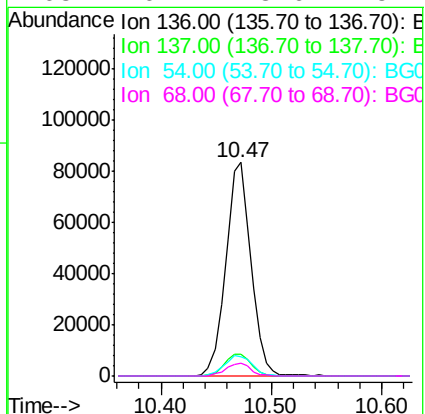
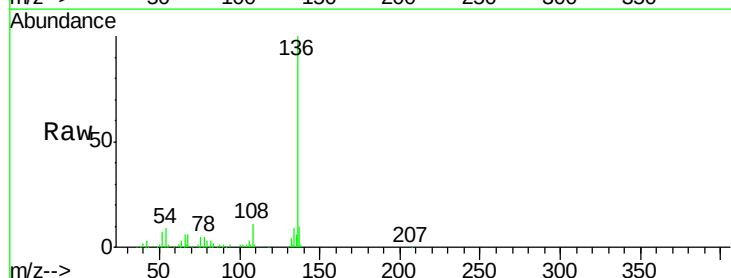
Ion Ratio Lower Upper

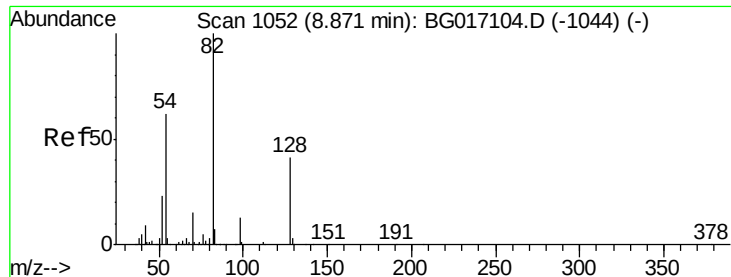
136 100

137 10.2 8.3 12.5

54 9.3 7.4 11.2

68 6.1 3.6 5.4#

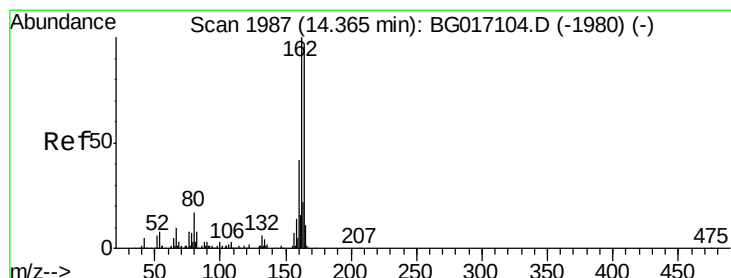
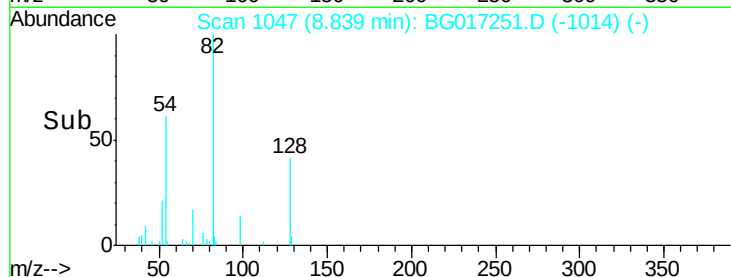
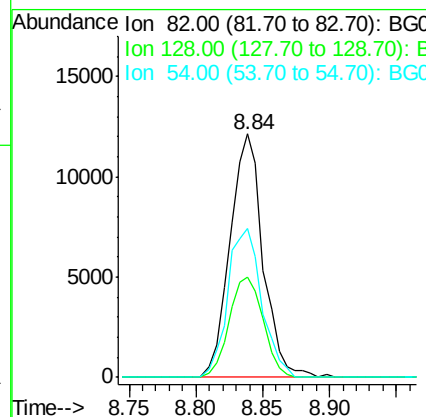
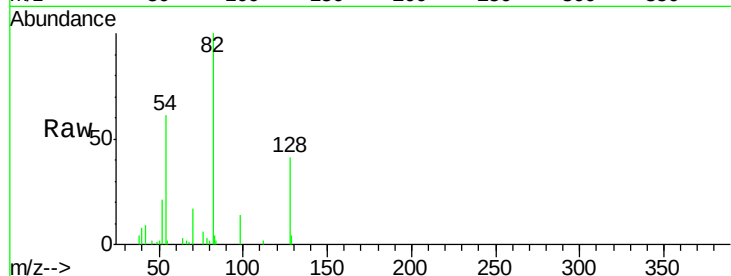




#23
 Nitrobenzene-d5
 Concen: 7.37 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG017251.D
 Acq: 22 May 2015 18:22

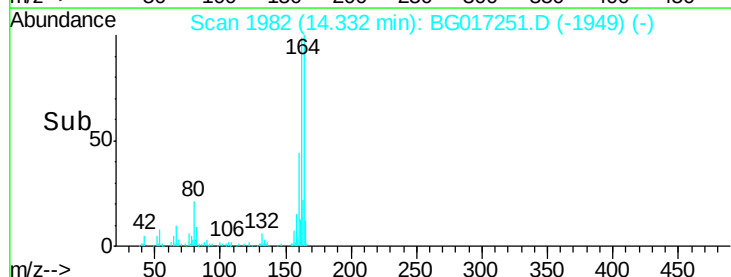
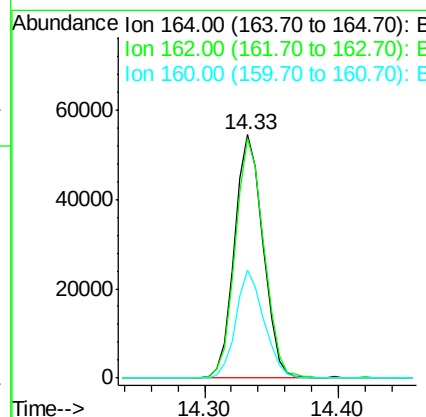
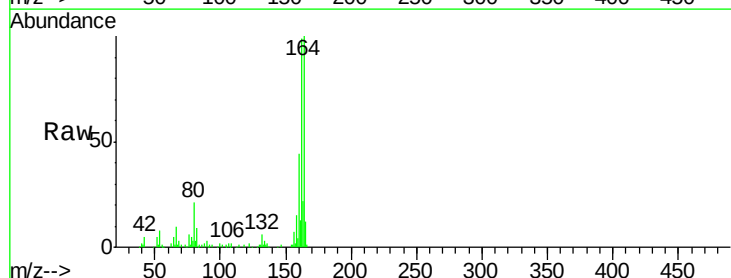
Instrument :
 BNA_G
 ClientSampleId :
 PB83498BL

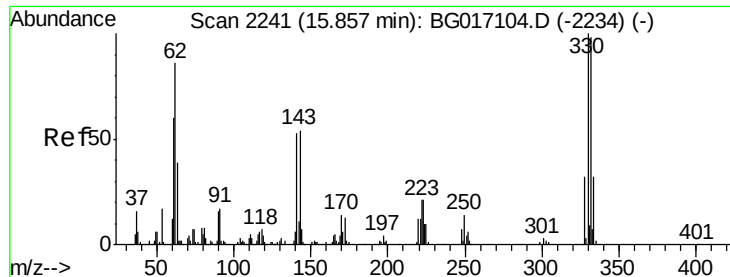
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.6	49.0
54	61.3	49.6	74.4



#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	Ratio	Lower	Upper
164	100		
162	98.7	82.1	123.1
160	44.2	34.8	52.2

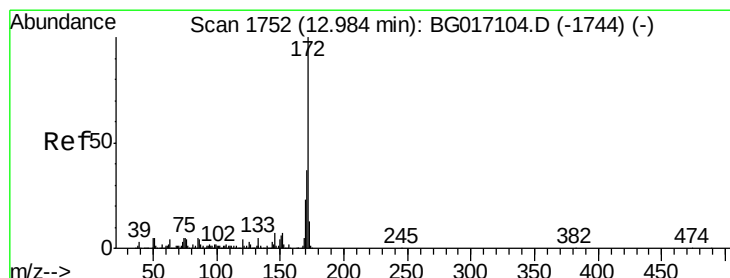
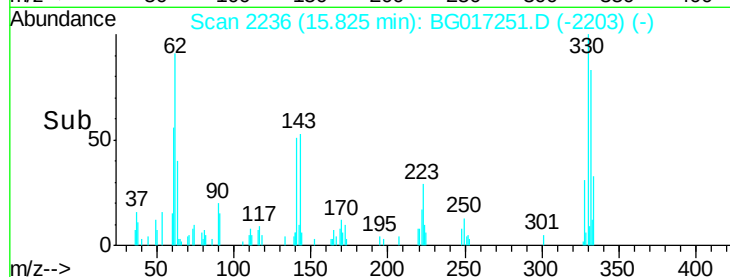
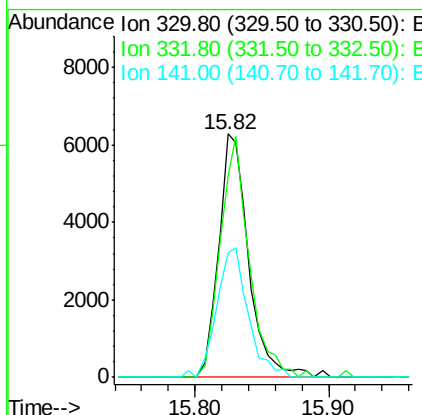
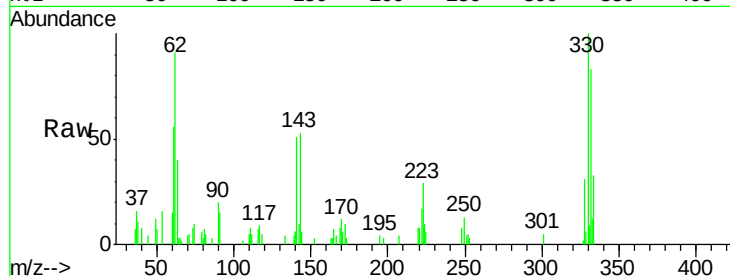




#41
 2,4,6-Tribromophenol
 Concen: 10.06 ng
 RT: 15.82 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BG017251.D
 Acq: 22 May 2015 18:22

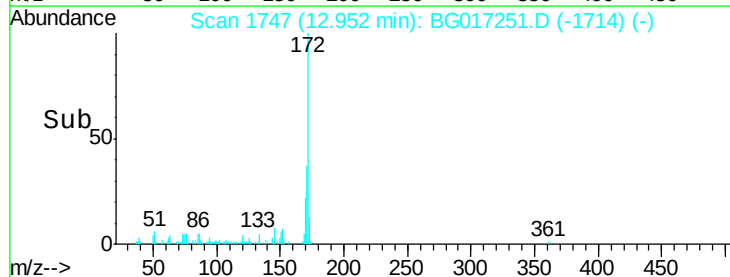
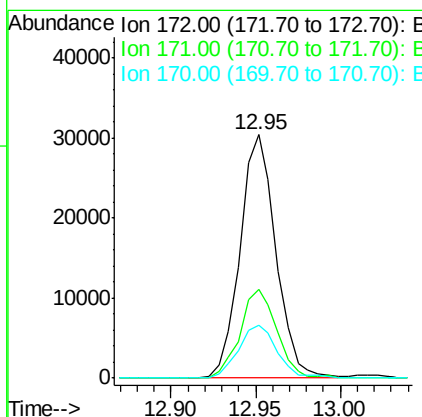
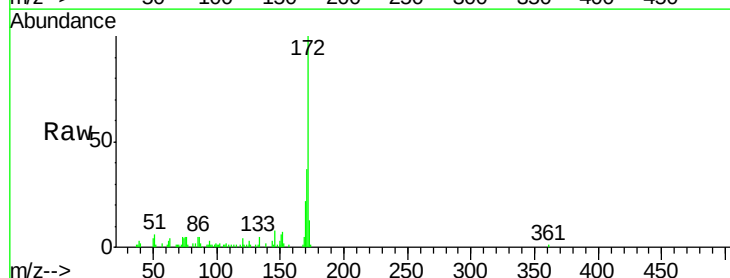
Instrument :
 BNA_G
 ClientSampleId :
 PB83498BL

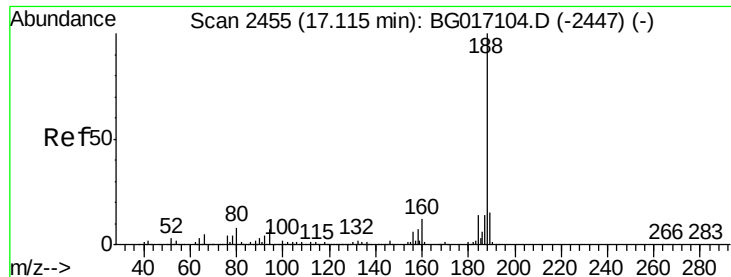
Tgt Ion:330 Resp: 9899
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 55.9 42.2 63.2



#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





#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

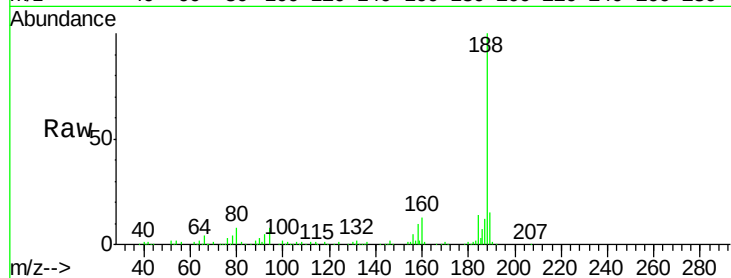
Tgt Ion:188 Resp: 175735

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.6

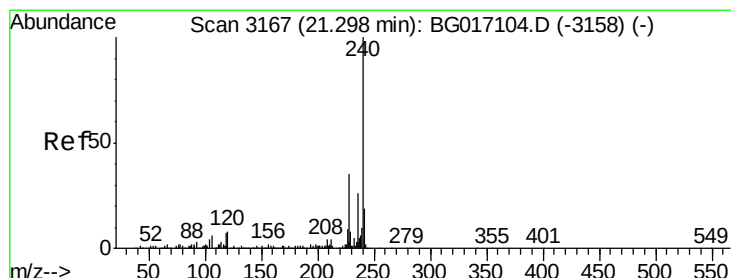
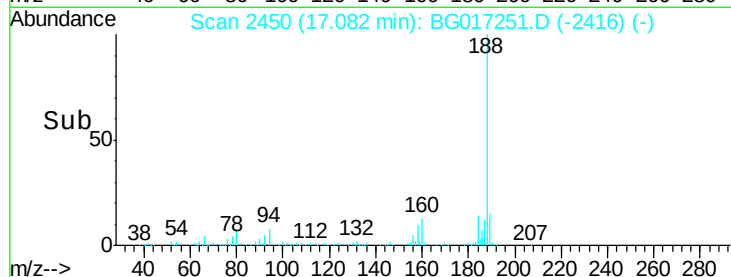
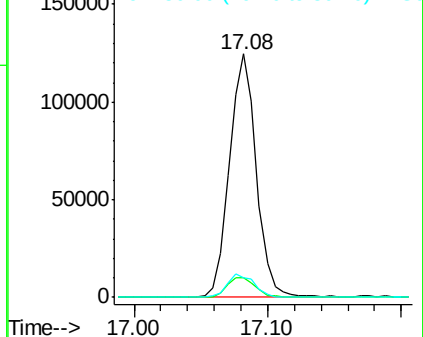
80 7.9 6.5 9.7



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

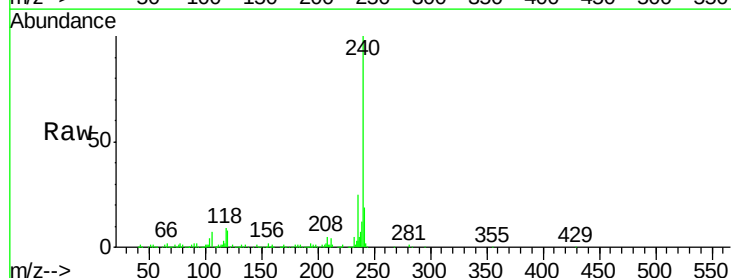
Tgt Ion:240 Resp: 201157

Ion Ratio Lower Upper

240 100

120 8.4 6.0 9.0

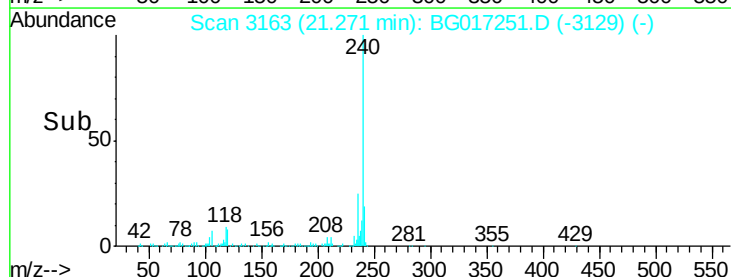
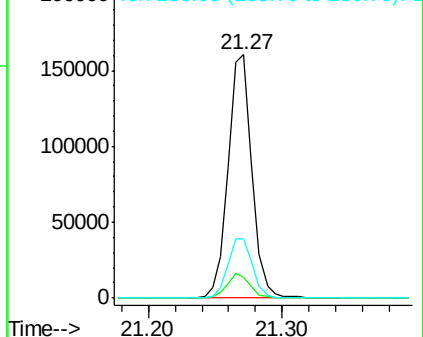
236 24.6 20.5 30.7

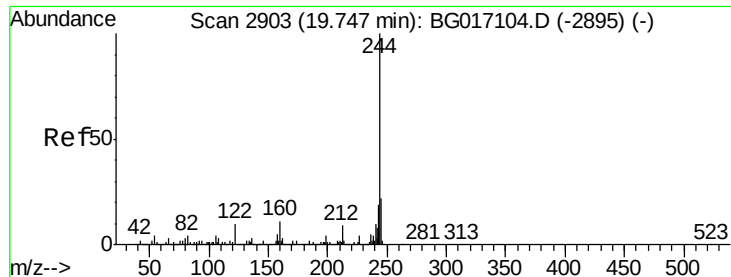


Abundance Ion 240.00 (239.70 to 240.70): E

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

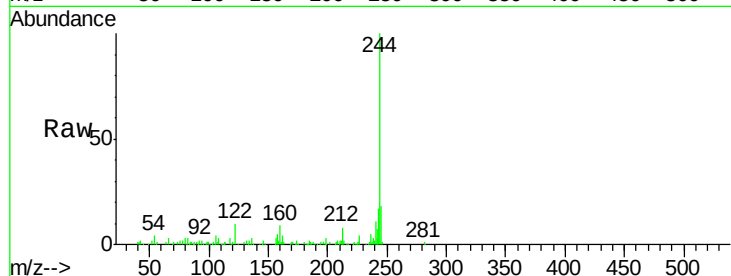
Tgt Ion:244 Resp: 76556

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.4

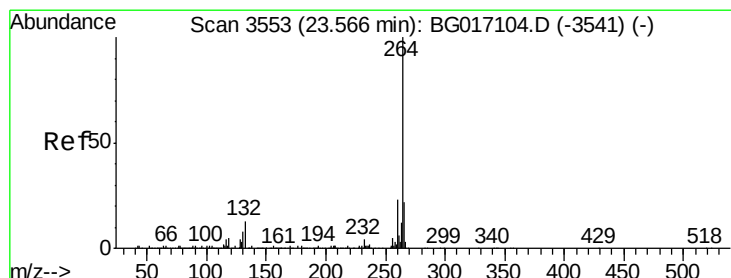
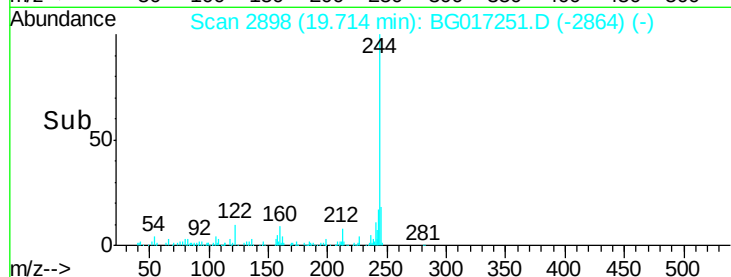
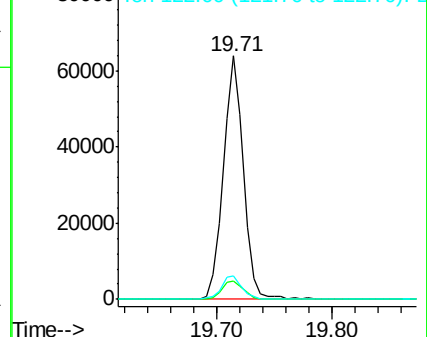
122 9.8 8.4 12.6



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

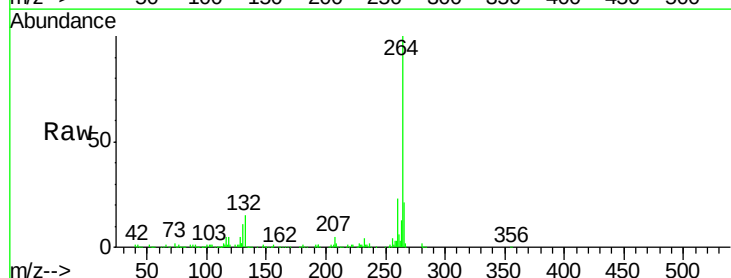
Tgt Ion:264 Resp: 198229

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

