

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
 Data File : BG017237.D
 Acq On : 21 May 2015 6:38
 Operator : TP/IZ
 Sample : G2301-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW7

Quant Time: May 21 07:29:41 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	7.69	152	37039	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	164235	20.00	ng	-0.02
38) Acenaphthene-d10	14.35	164	106356	20.00	ng	-0.01
63) Phenanthrene-d10	17.10	188	261723	20.00	ng	-0.02
75) Chrysene-d12	21.28	240	292180	20.00	ng	-0.02
86) Perylene-d12	23.55	264	299921	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	122313	58.59	ng	-0.02
7) Phenol-d6	6.89	99	99543	33.98	ng	-0.02
23) Nitrobenzene-d5	8.85	82	298000	84.71	ng	-0.02
41) 2,4,6-Tribromophenol	15.85	330	190621	148.27	ng	-0.01
44) 2-Fluorobiphenyl	12.97	172	600661	82.87	ng	-0.02
78) Terphenyl-d14	19.74	244	1080911	77.09	ng	-0.01

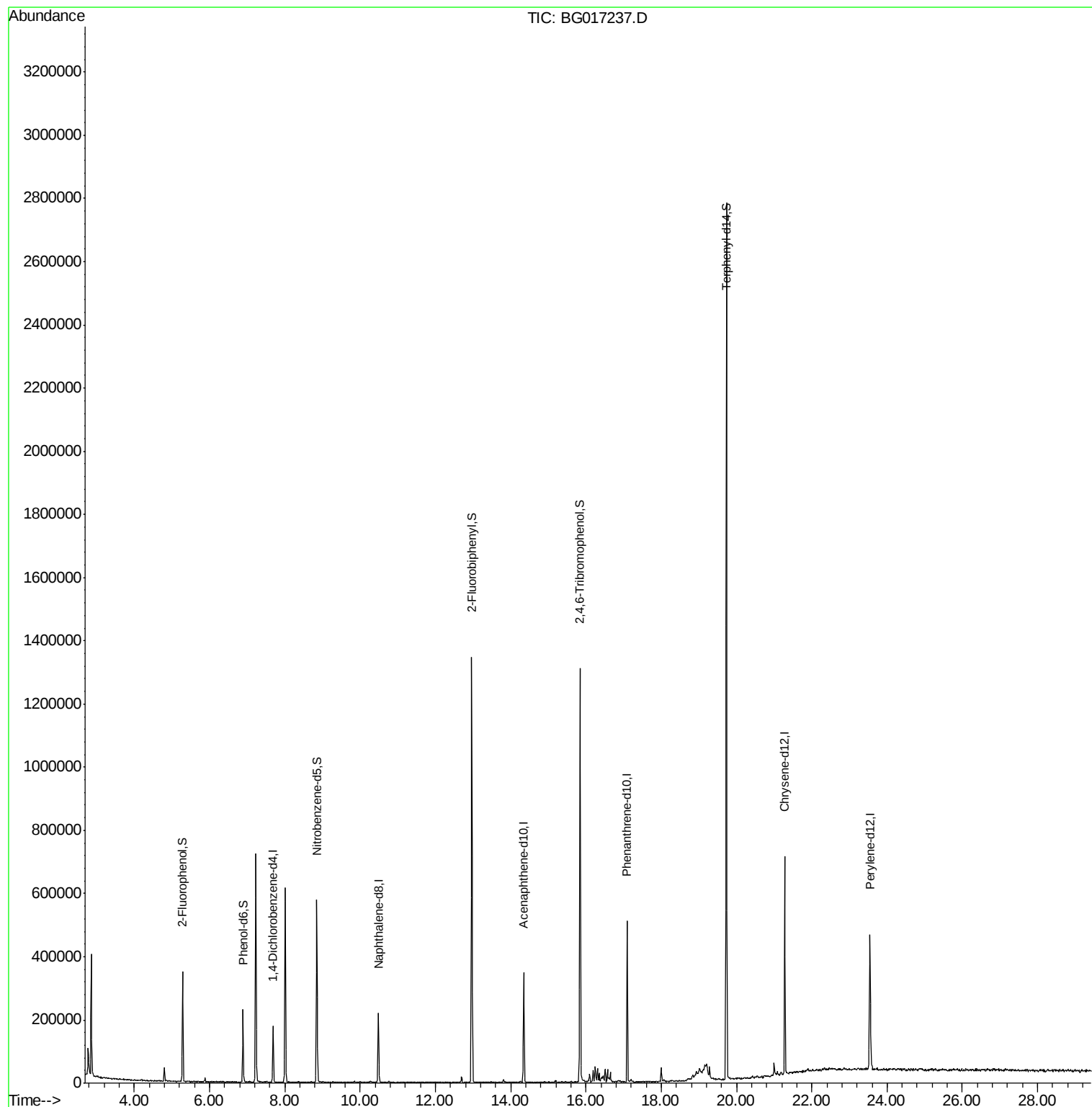
Target Compounds	Qvalue
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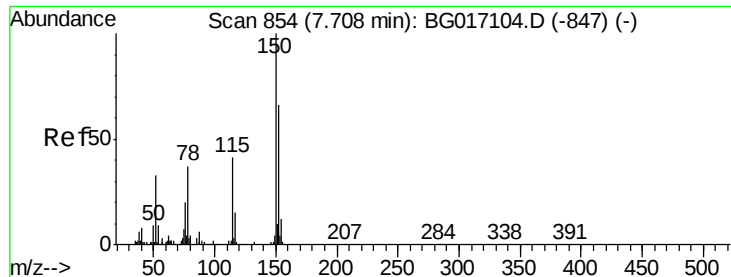
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. -0.02 min

Lab File: BG017237.D

Acq: 21 May 2015 6:38

Instrument :

BNA_G

ClientSampleId :

MW7

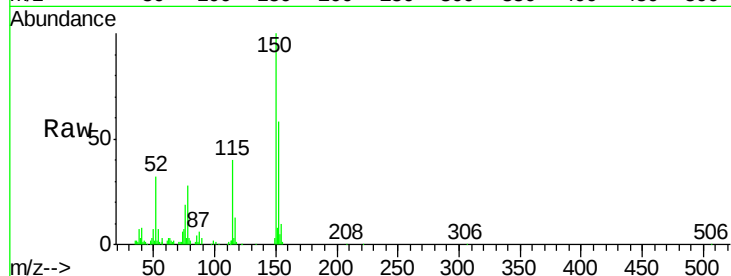
Tgt Ion:152 Resp: 37039

Ion Ratio Lower Upper

152 100

150 172.6 120.8 181.2

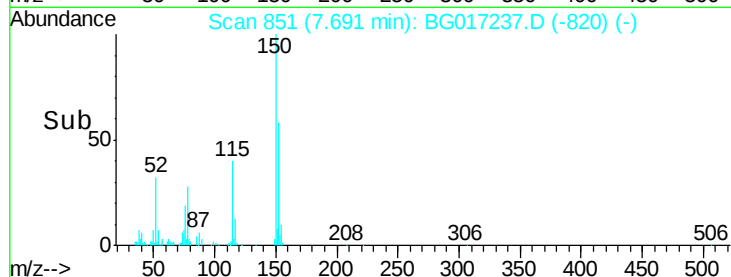
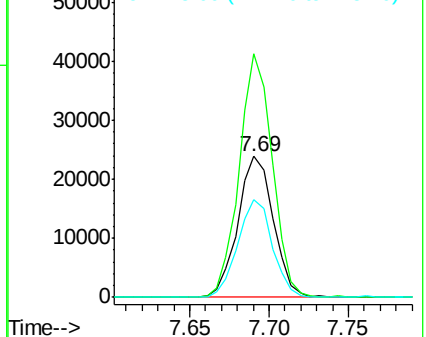
115 69.5 49.4 74.2



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: 58.59 ng

RT: 5.29 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG017237.D

Acq: 21 May 2015 6:38

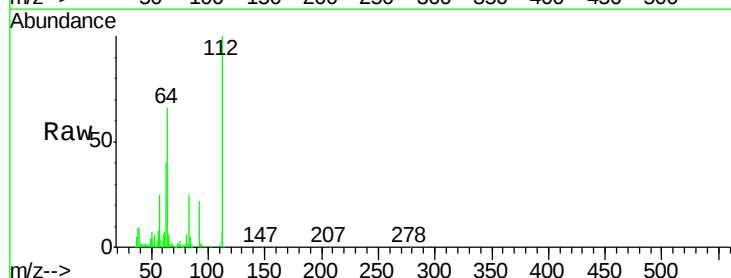
Tgt Ion:112 Resp: 122313

Ion Ratio Lower Upper

112 100

64 66.1 48.1 72.1

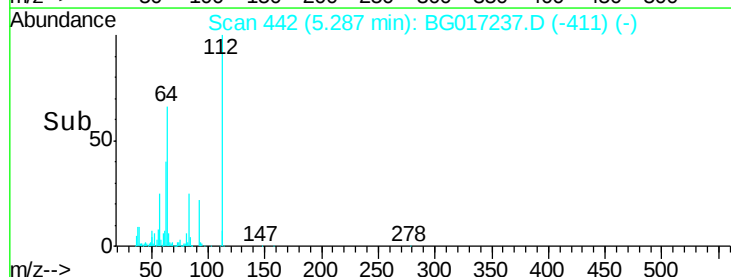
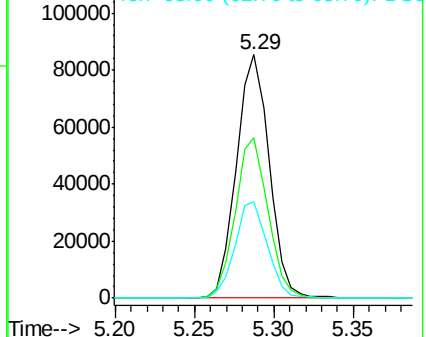
63 39.6 29.8 44.8

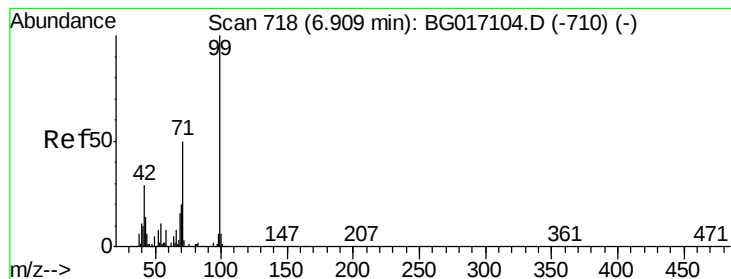


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.98 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG017237.D

Acq: 21 May 2015 6:38

Instrument :

BNA_G

ClientSampleId :

MW7

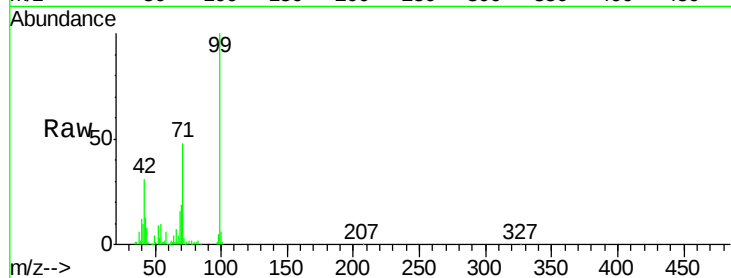
Tgt Ion: 99 Resp: 99543

Ion Ratio Lower Upper

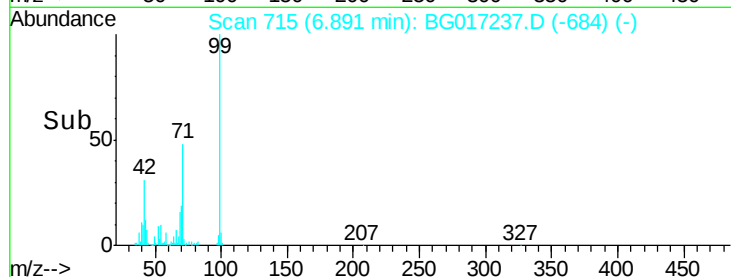
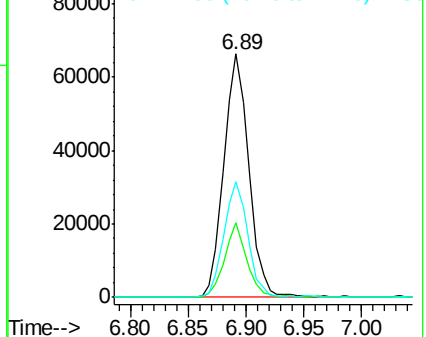
99 100

42 30.6 23.5 35.3

71 47.7 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: 10.49 min Scan# 1327

Delta R.T. -0.02 min

Lab File: BG017237.D

Acq: 21 May 2015 6:38

Tgt Ion: 136 Resp: 164235

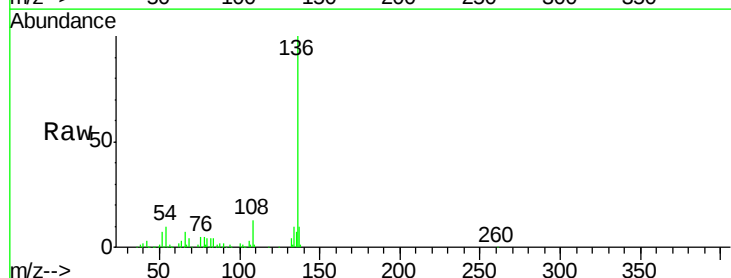
Ion Ratio Lower Upper

136 100

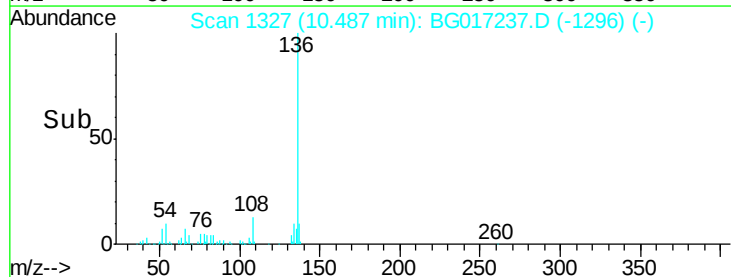
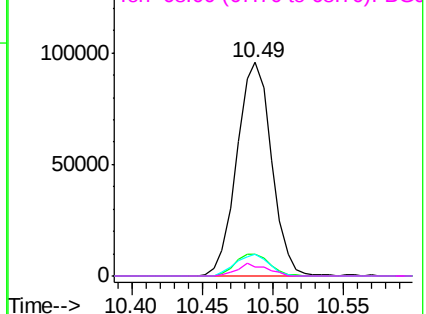
137 10.3 8.3 12.5

54 10.7 7.4 11.2

68 4.4 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

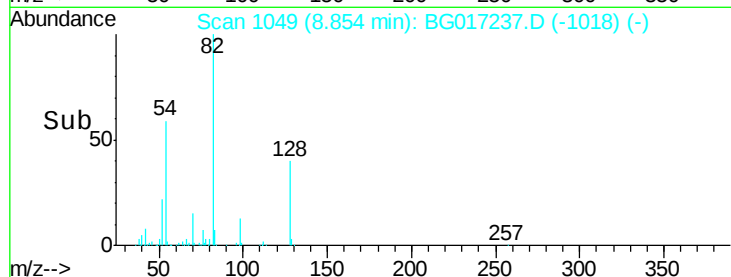
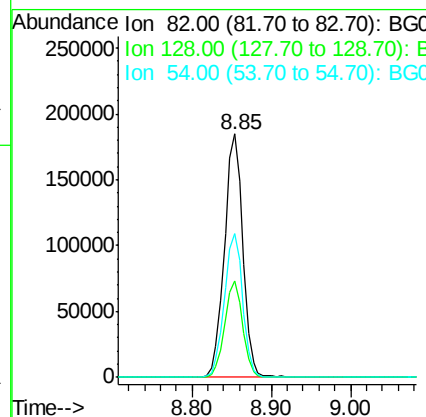
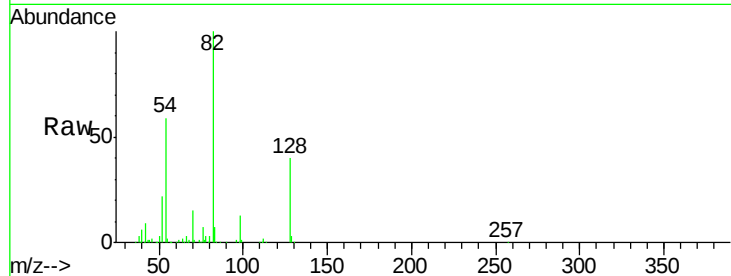




#23
 Nitrobenzene-d5
 Concen: 84.71 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BG017237.D
 Acq: 21 May 2015 6:38

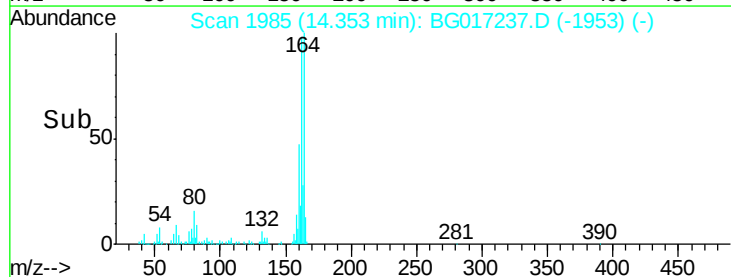
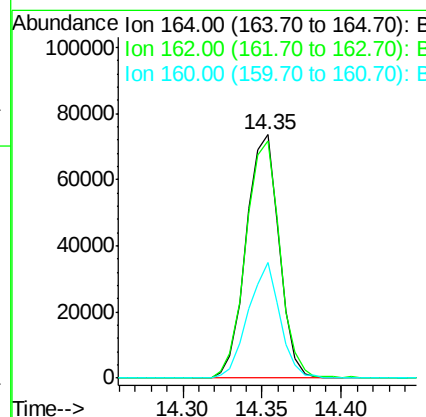
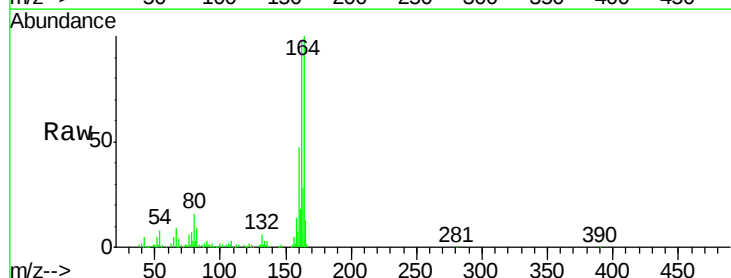
Instrument :
 BNA_G
 ClientSampleId :
 MW7

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.6	49.0
54	59.1	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG017237.D
 Acq: 21 May 2015 6:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.6	82.1	123.1
160	47.3	34.8	52.2

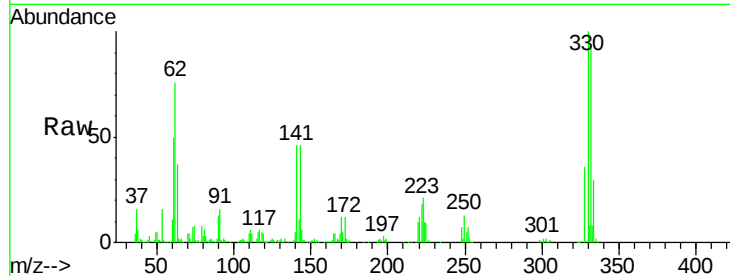




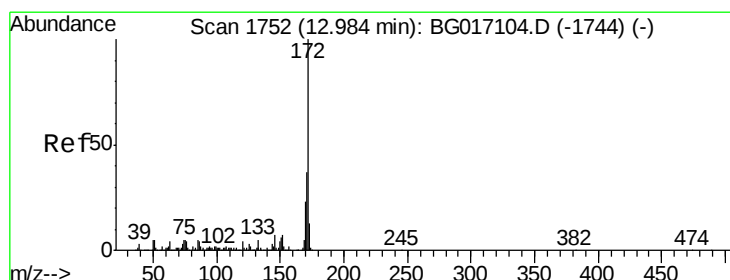
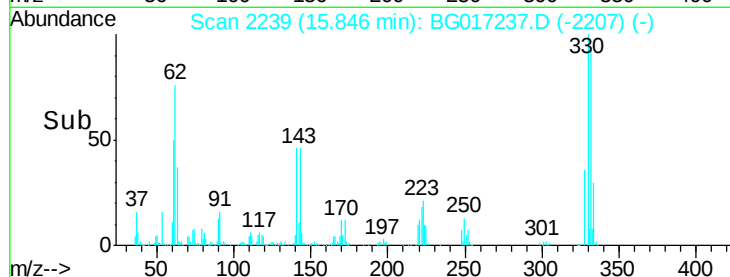
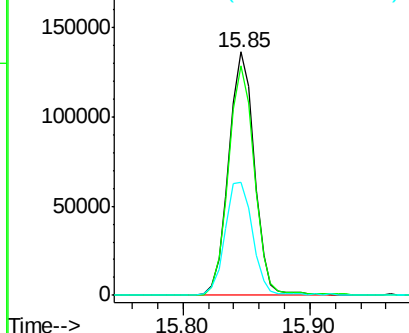
#41
 2,4,6-Tribromophenol
 Concen: 148.27 ng
 RT: 15.85 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BG017237.D
 Acq: 21 May 2015 6:38

Instrument :
 BNA_G
 ClientSampleId :
 MW7

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	50.4	42.2	63.2

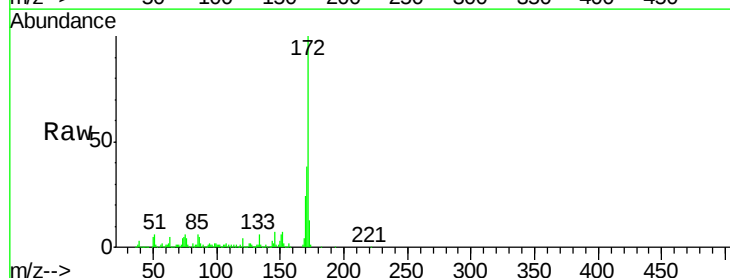


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

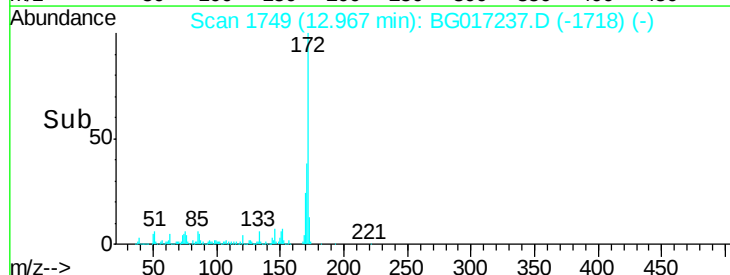
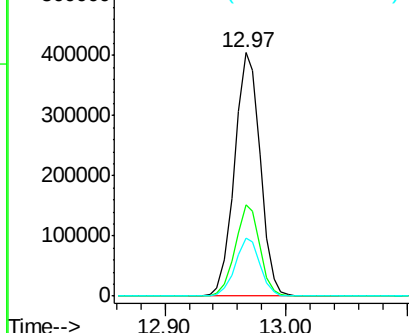


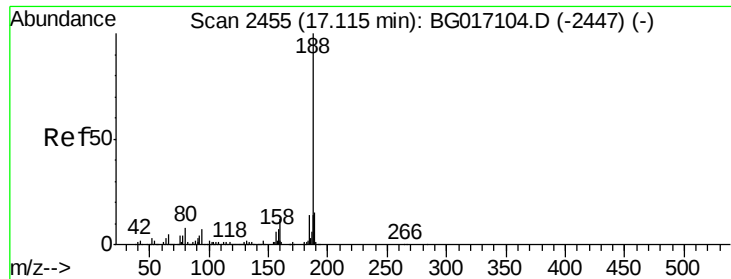
#44
 2-Fluorobiphenyl
 Concen: 82.87 ng
 RT: 12.97 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG017237.D
 Acq: 21 May 2015 6:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	24.0	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: 17.10 min Scan# 2452

Delta R.T. -0.02 min

Lab File: BG017237.D

Acq: 21 May 2015 6:38

Instrument :

BNA_G

ClientSampleId :

MW7

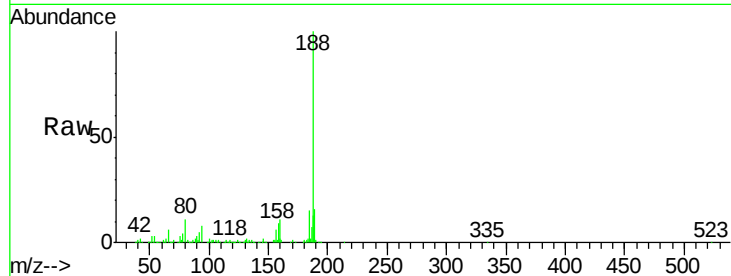
Tgt Ion:188 Resp: 261723

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

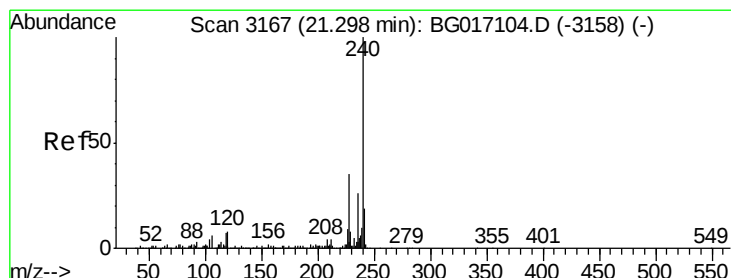
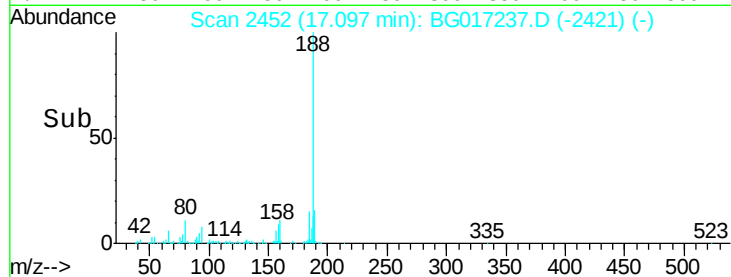
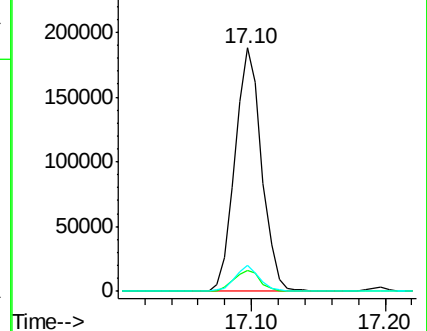
80 10.9 6.5 9.7#



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: 21.28 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG017237.D

Acq: 21 May 2015 6:38

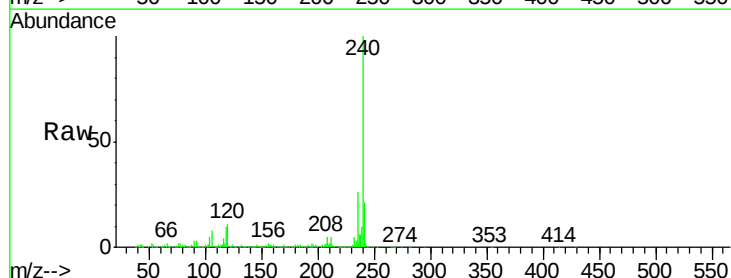
Tgt Ion:240 Resp: 292180

Ion Ratio Lower Upper

240 100

120 10.9 6.0 9.0#

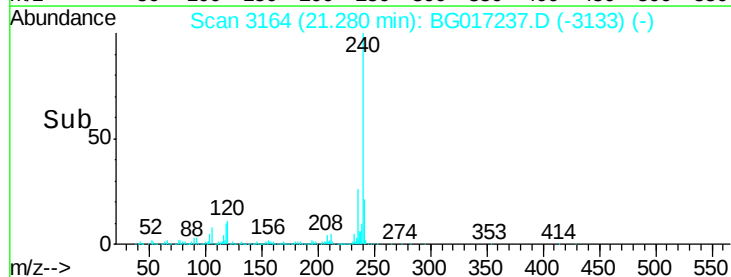
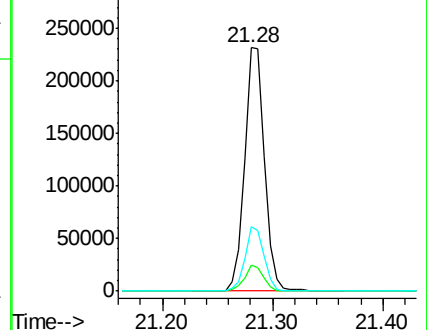
236 26.3 20.5 30.7



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: 77.09 ng

RT: 19.74 min Scan# 2901

Delta R.T. -0.01 min

Lab File: BG017237.D

Acq: 21 May 2015 6:38

Instrument :

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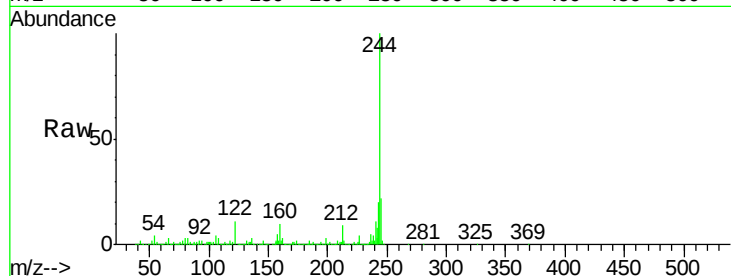
Tgt Ion:244 Resp: 1080911

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

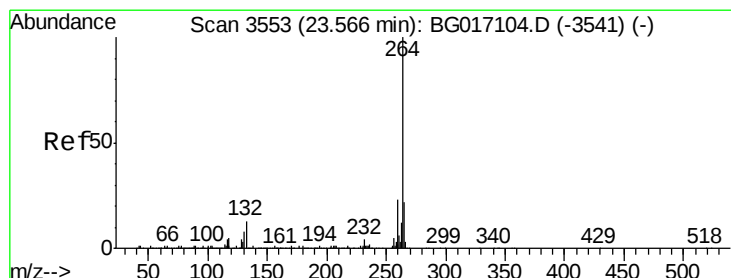
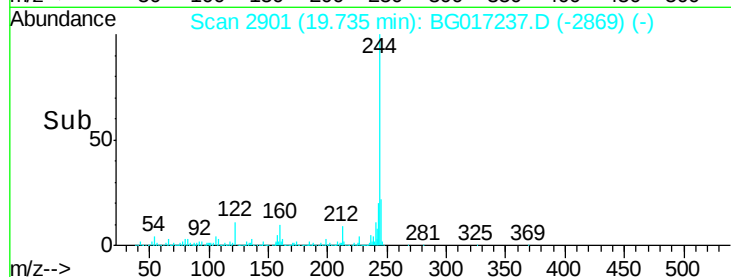
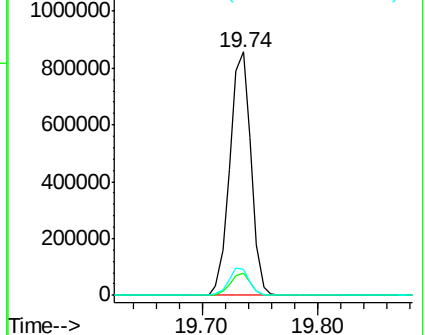
122 10.7 8.4 12.6



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: 23.55 min Scan# 3550

Delta R.T. -0.02 min

Lab File: BG017237.D

Acq: 21 May 2015 6:38

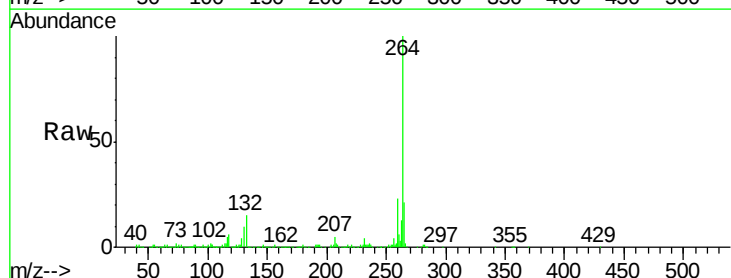
Tgt Ion:264 Resp: 299921

Ion Ratio Lower Upper

264 100

260 23.4 18.0 27.0

265 20.5 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

