

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
 Data File : BG017229.D
 Acq On : 21 May 2015 2:00
 Operator : TP/IZ
 Sample : G2301-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW12

Quant Time: May 21 03:44:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 03:27:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	34938	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	145231	20.00	ng	0.00
38) Acenaphthene-d10	14.35	164	99909	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	256309	20.00	ng	0.00
75) Chrysene-d12	21.28	240	310368	20.00	ng	0.00
86) Perylene-d12	23.55	264	308682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	109605	55.66	ng	0.00
7) Phenol-d6	6.89	99	90240	32.65	ng	0.00
23) Nitrobenzene-d5	8.85	82	246631	79.28	ng	0.00
41) 2,4,6-Tribromophenol	15.84	330	172339	142.70	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	530318	77.89	ng	0.00
78) Terphenyl-d14	19.73	244	1086466	72.95	ng	0.00

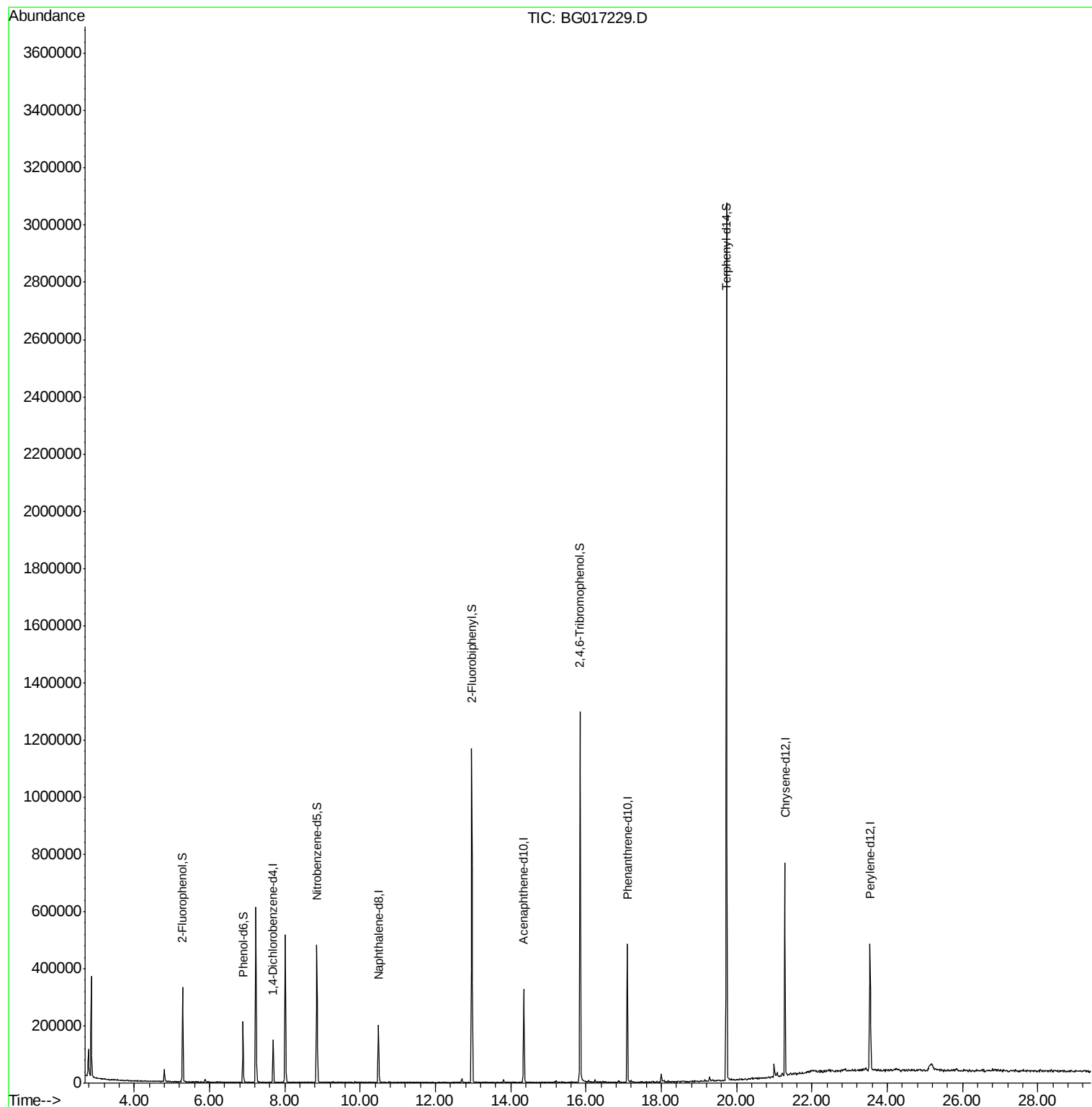
Target Compounds	Qvalue
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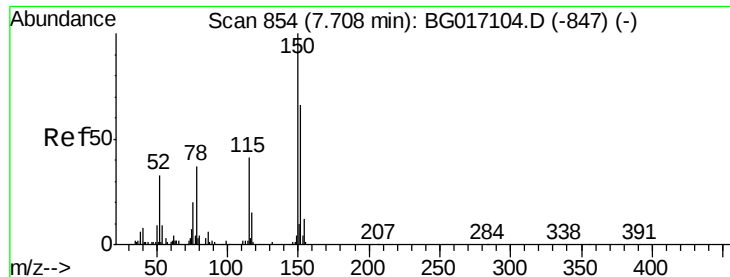
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG017229.D

Acq: 21 May 2015 2:00

Instrument :

BNA_G

ClientSampleId :

MW12

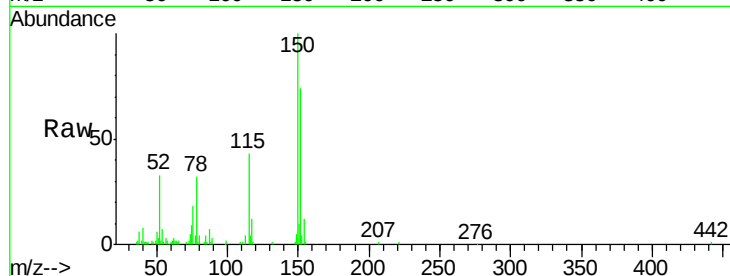
Tgt Ion:152 Resp: 34938

Ion Ratio Lower Upper

152 100

150 135.1 120.8 181.2

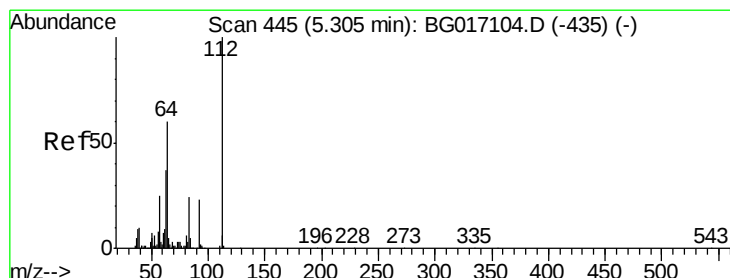
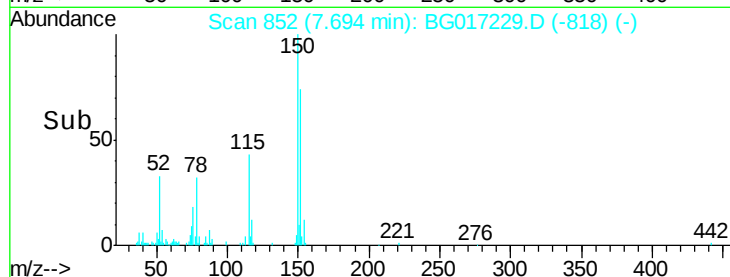
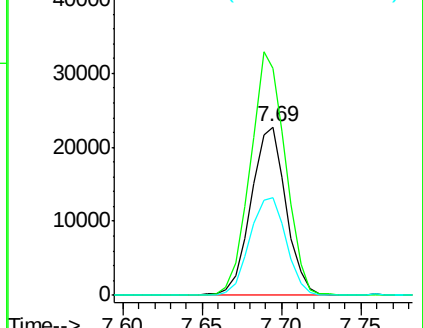
115 58.1 49.4 74.2



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: 55.66 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG017229.D

Acq: 21 May 2015 2:00

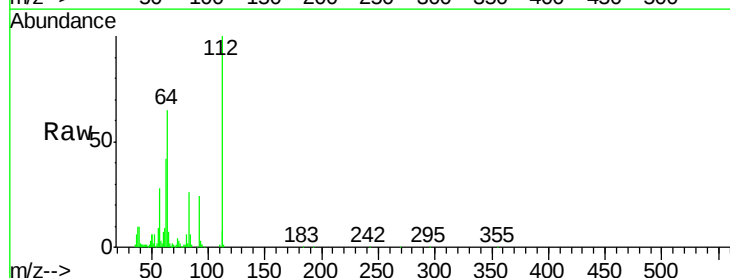
Tgt Ion:112 Resp: 109605

Ion Ratio Lower Upper

112 100

64 65.3 48.1 72.1

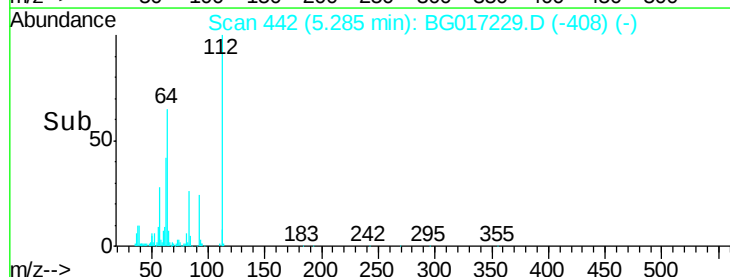
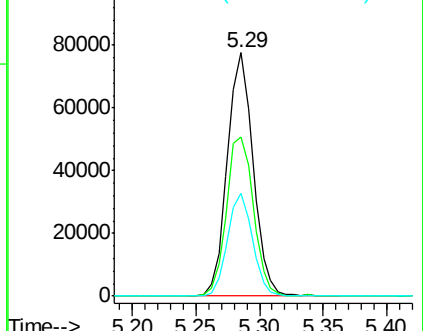
63 42.2 29.8 44.8

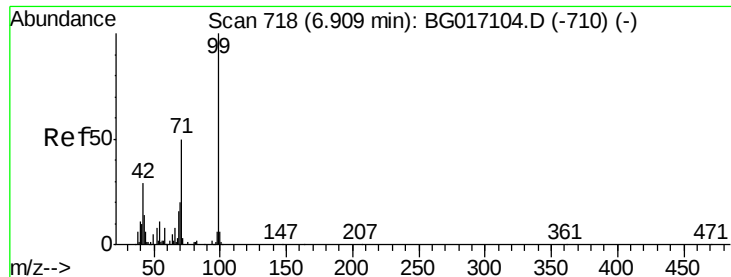


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.65 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG017229.D

Acq: 21 May 2015 2:00

Instrument :

BNA_G

ClientSampleId :

MW12

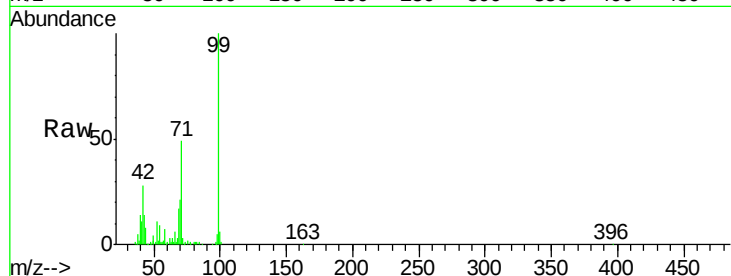
Tgt Ion: 99 Resp: 90240

Ion Ratio Lower Upper

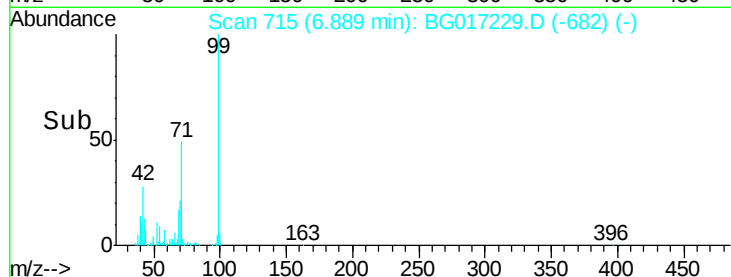
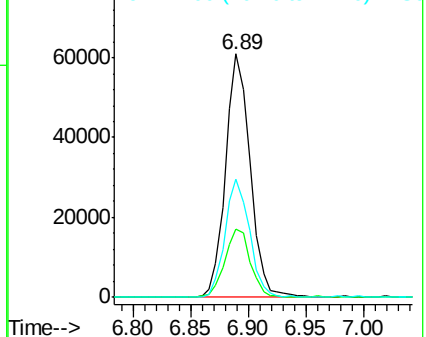
99 100

42 27.9 23.5 35.3

71 48.7 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. -0.01 min

Lab File: BG017229.D

Acq: 21 May 2015 2:00

Tgt Ion: 136 Resp: 145231

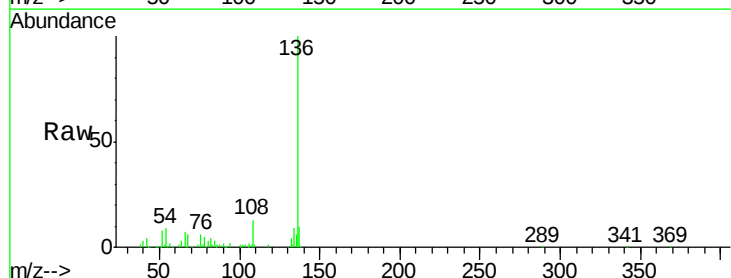
Ion Ratio Lower Upper

136 100

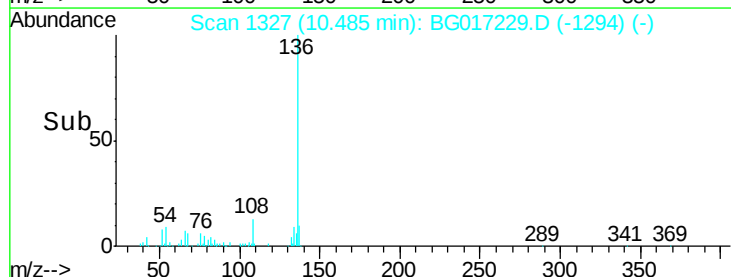
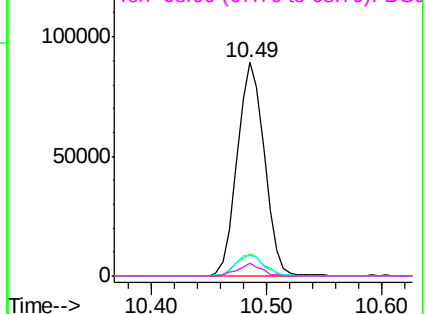
137 10.2 8.3 12.5

54 9.4 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: 79.28 ng

RT: 8.85 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BG017229.D

Acq: 21 May 2015 2:00

Instrument :

BNA_G

ClientSampleId :

MW12

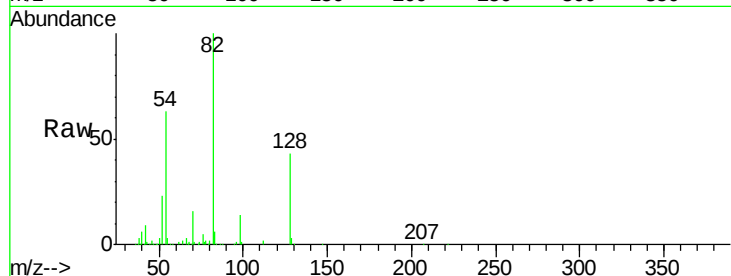
Tgt Ion: 82 Resp: 246631

Ion Ratio Lower Upper

82 100

128 42.7 32.6 49.0

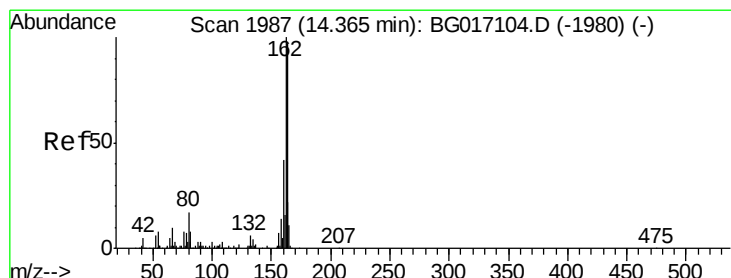
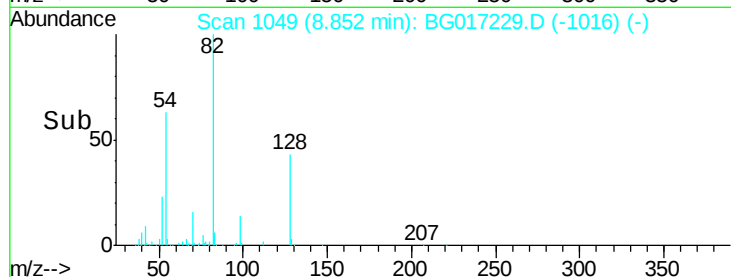
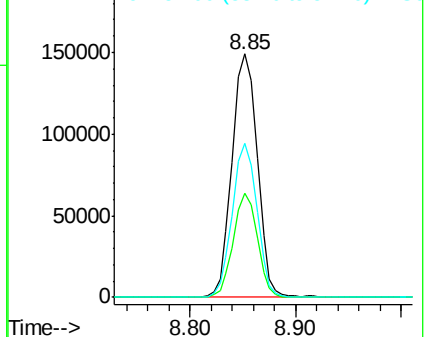
54 63.4 49.6 74.4



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: 14.35 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BG017229.D

Acq: 21 May 2015 2:00

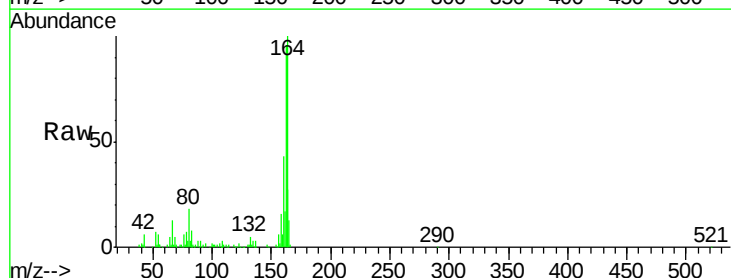
Tgt Ion: 164 Resp: 99909

Ion Ratio Lower Upper

164 100

162 95.6 82.1 123.1

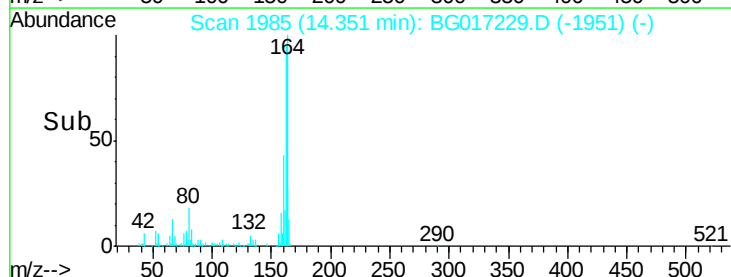
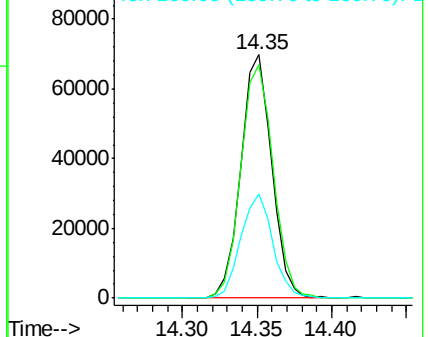
160 42.8 34.8 52.2

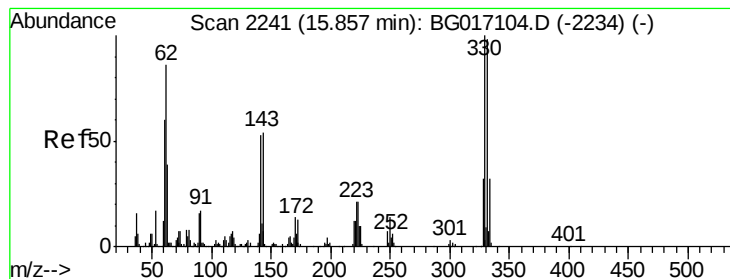


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 142.70 ng

RT: 15.84 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BG017229.D

Acq: 21 May 2015 2:00

Instrument :

BNA_G

ClientSampleId :

MW12

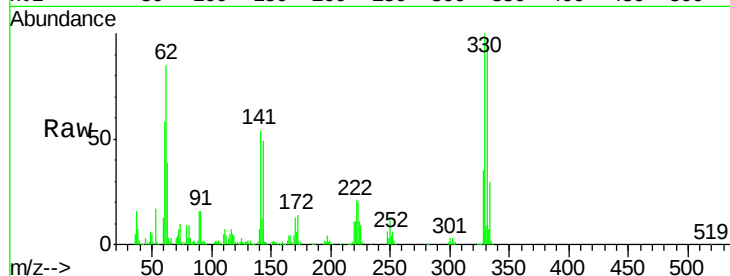
Tgt Ion:330 Resp: 172339

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

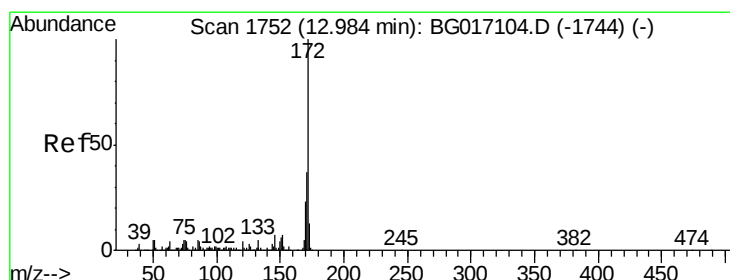
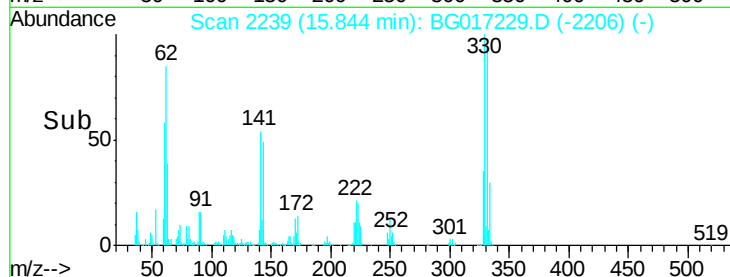
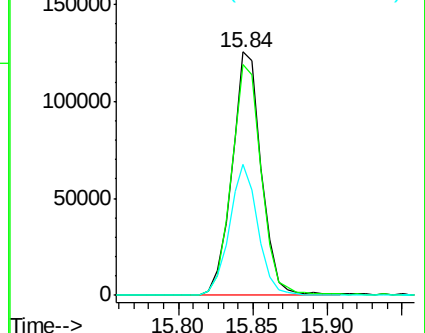
141 52.9 42.2 63.2



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: 77.89 ng

RT: 12.97 min Scan# 1750

Delta R.T. 0.00 min

Lab File: BG017229.D

Acq: 21 May 2015 2:00

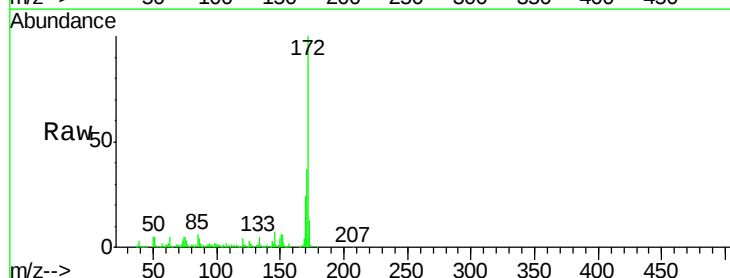
Tgt Ion:172 Resp: 530318

Ion Ratio Lower Upper

172 100

171 37.2 29.7 44.5

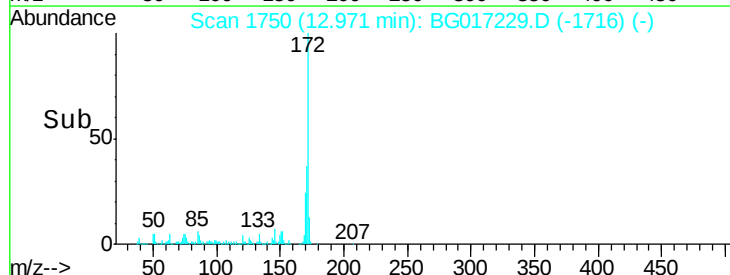
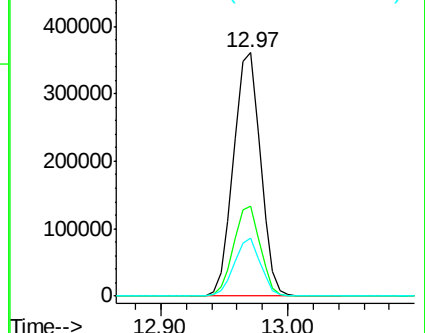
170 23.9 18.4 27.6

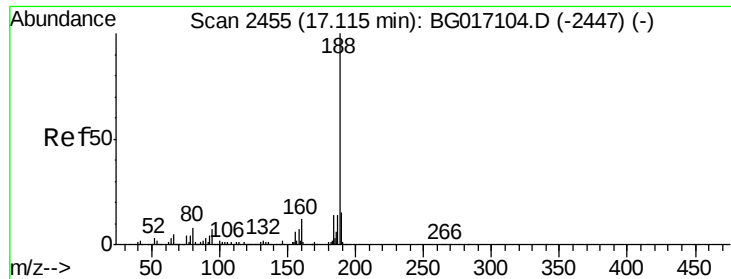


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2453

Delta R.T. 0.00 min

Lab File: BG017229.D

Acq: 21 May 2015 2:00

Instrument :

BNA_G

ClientSampleId :

MW12

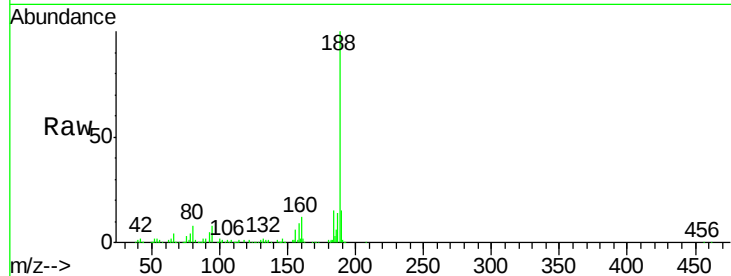
Tgt Ion:188 Resp: 256309

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.6

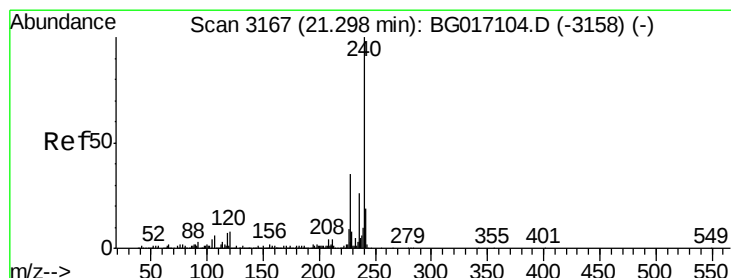
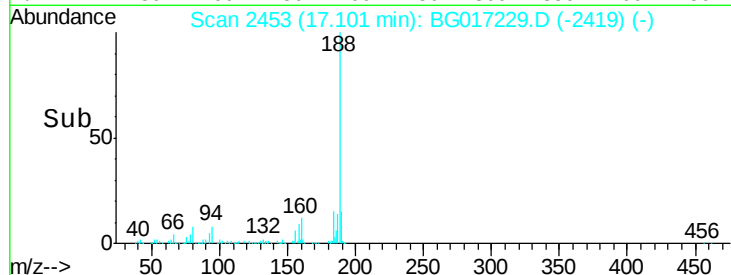
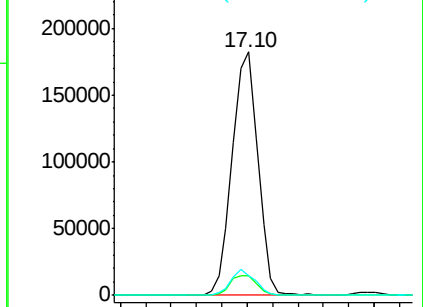
80 8.1 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.28 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG017229.D

Acq: 21 May 2015 2:00

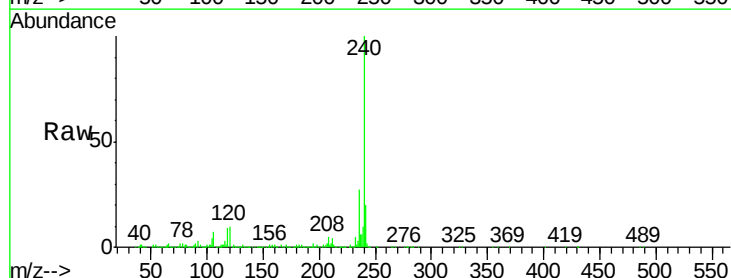
Tgt Ion:240 Resp: 310368

Ion Ratio Lower Upper

240 100

120 10.4 6.0 9.0#

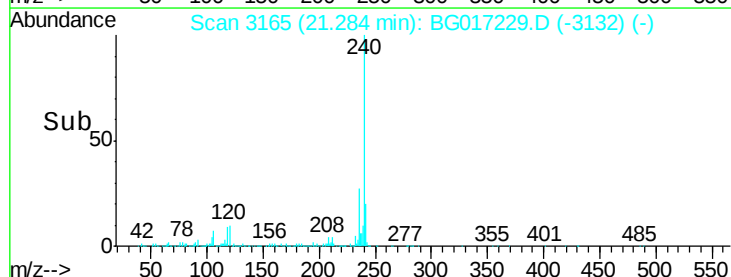
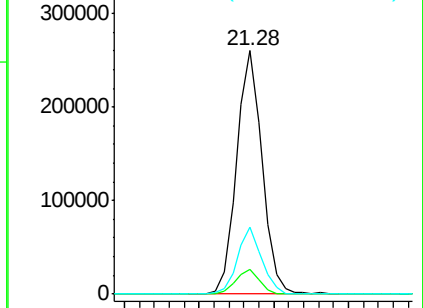
236 27.4 20.5 30.7

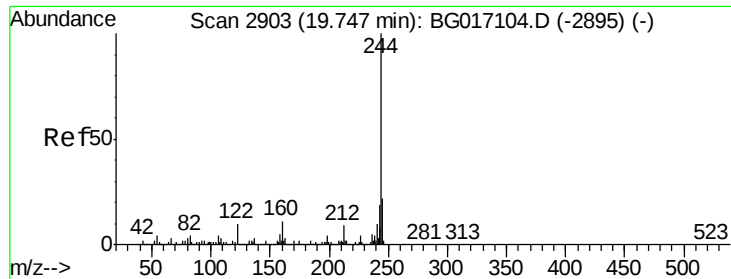


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.95 ng

RT: 19.73 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BG017229.D

Acq: 21 May 2015 2:00

Instrument :

BNA_G

ClientSampleId :

MW12

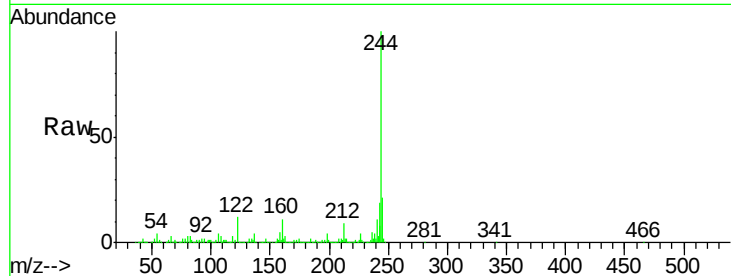
Tgt Ion:244 Resp: 1086466

Ion Ratio Lower Upper

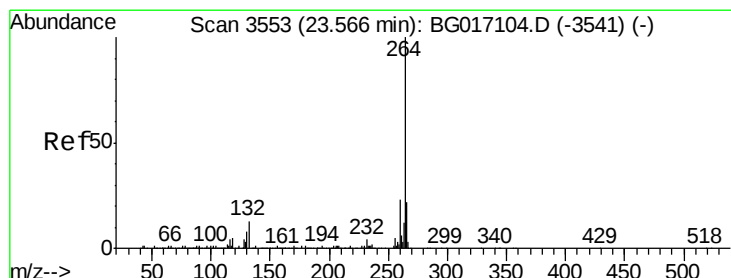
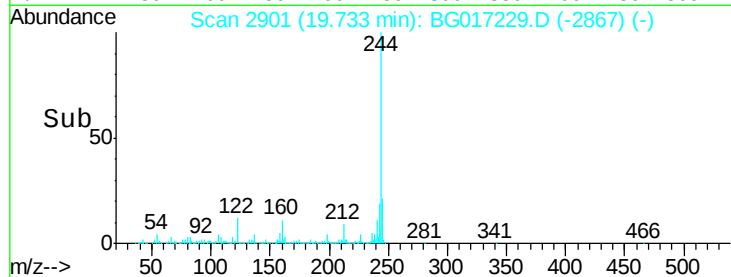
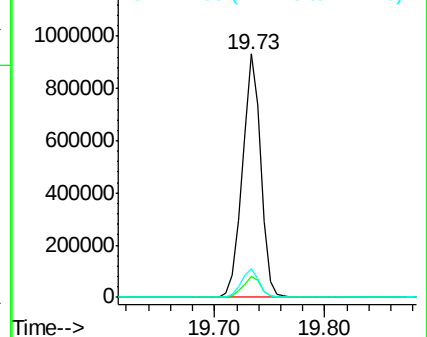
244 100

212 8.6 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: 23.55 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG017229.D

Acq: 21 May 2015 2:00

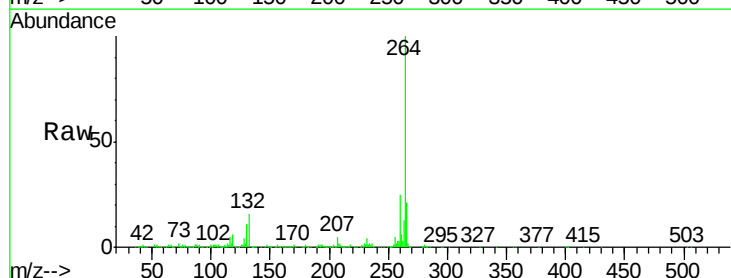
Tgt Ion:264 Resp: 308682

Ion Ratio Lower Upper

264 100

260 25.2 18.0 27.0

265 20.9 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

