

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
 Data File : BG017230.D
 Acq On : 21 May 2015 2:35
 Operator : TP/IZ
 Sample : G2301-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW12D

Quant Time: May 21 03:46:42 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	42275	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	182207	20.00	ng	0.00
38) Acenaphthene-d10	14.35	164	118811	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	278462	20.00	ng	0.00
75) Chrysene-d12	21.29	240	304775	20.00	ng	0.00
86) Perylene-d12	23.55	264	304072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	120040	50.38	ng	0.00
7) Phenol-d6	6.89	99	97991	29.31	ng	0.00
23) Nitrobenzene-d5	8.85	82	285846	73.24	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	189912	132.23	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	606630	74.92	ng	0.00
78) Terphenyl-d14	19.74	244	1101415	75.31	ng	0.00

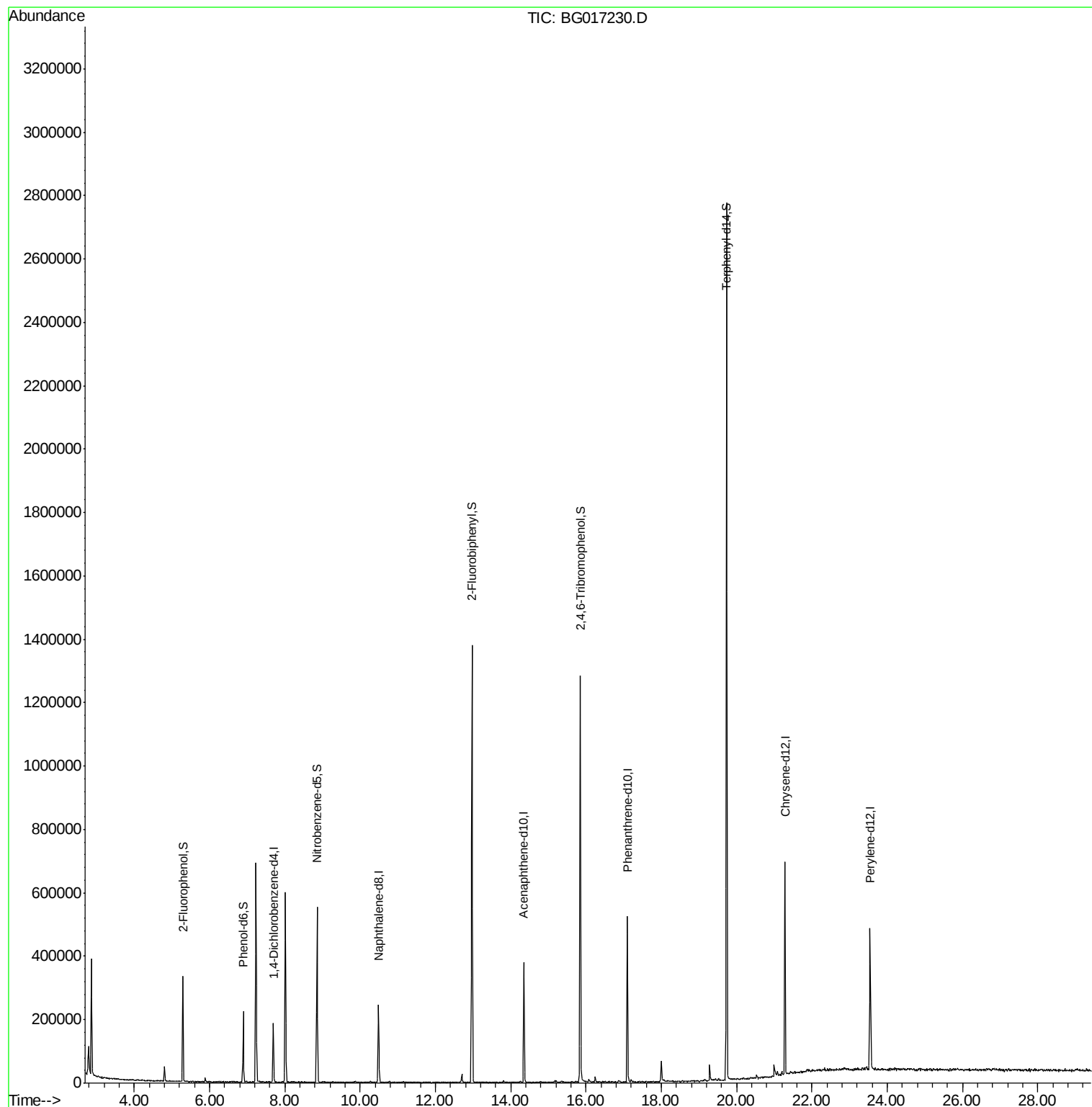
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017230.D

Acq: 21 May 2015 2:35

Instrument :

BNA_G

ClientSampleId :

MW12D

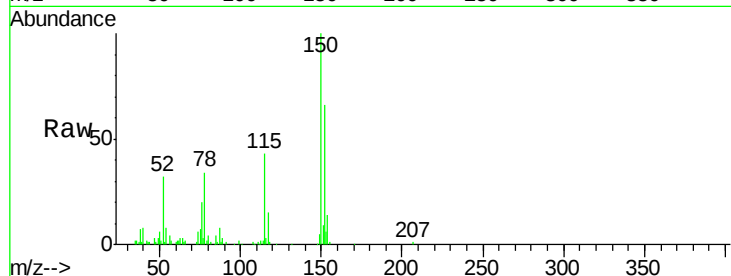
Tgt Ion:152 Resp: 42275

Ion Ratio Lower Upper

152 100

150 150.4 120.8 181.2

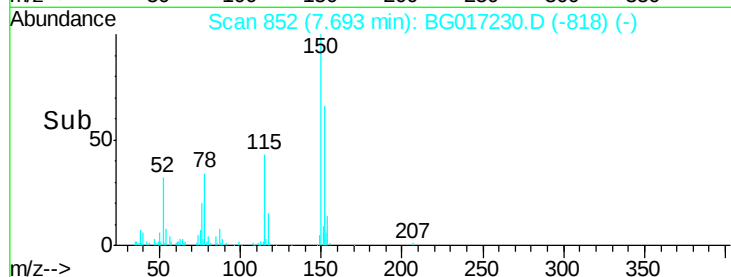
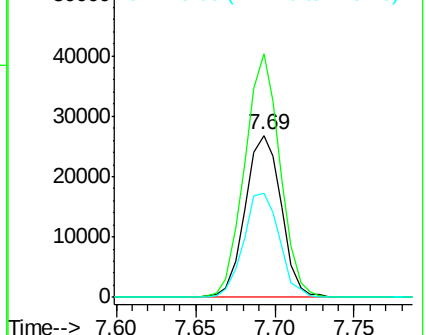
115 64.7 49.4 74.2



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: 50.38 ng

RT: 5.29 min Scan# 443

Delta R.T. 0.00 min

Lab File: BG017230.D

Acq: 21 May 2015 2:35

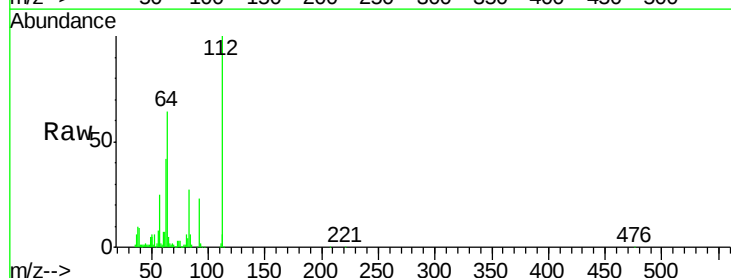
Tgt Ion:112 Resp: 120040

Ion Ratio Lower Upper

112 100

64 63.9 48.1 72.1

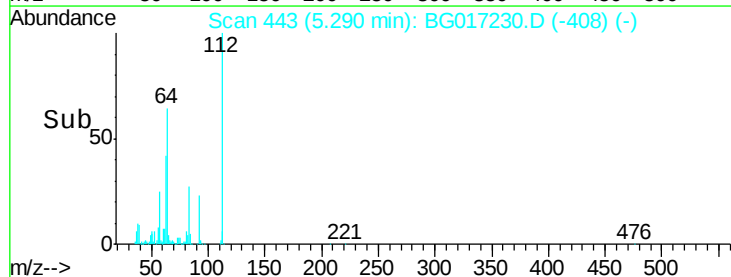
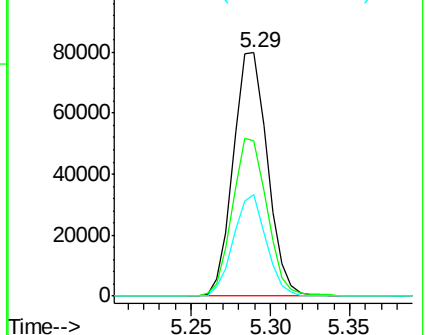
63 41.7 29.8 44.8

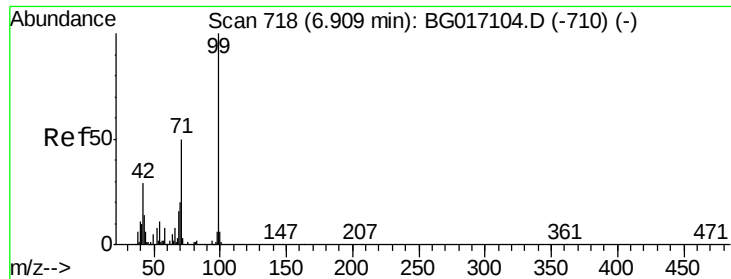


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 29.31 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG017230.D

Acq: 21 May 2015 2:35

Instrument :

BNA_G

ClientSampleId :

MW12D

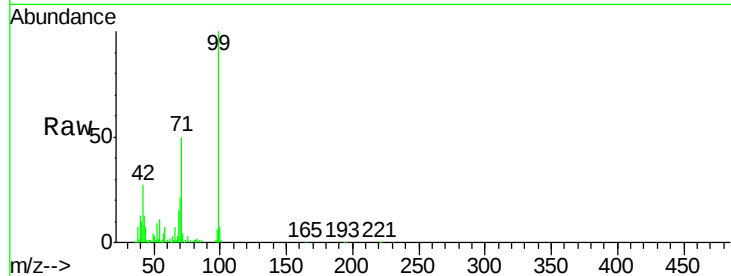
Tgt Ion: 99 Resp: 97991

Ion Ratio Lower Upper

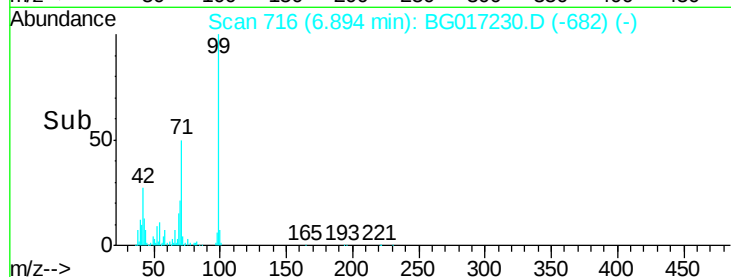
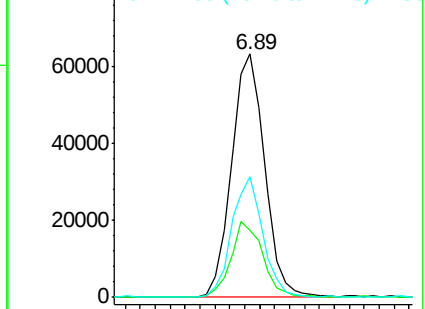
99 100

42 27.3 23.5 35.3

71 49.7 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# 1328

Delta R.T. -0.00 min

Lab File: BG017230.D

Acq: 21 May 2015 2:35

Tgt Ion: 136 Resp: 182207

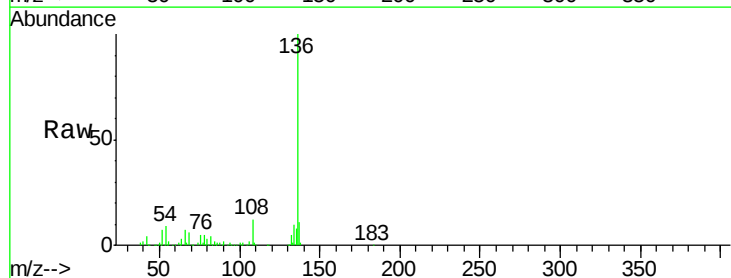
Ion Ratio Lower Upper

136 100

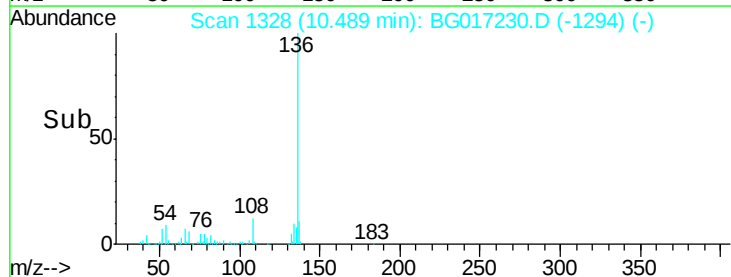
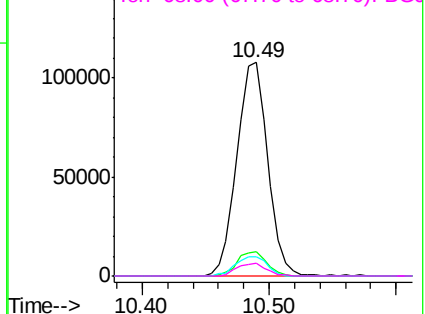
137 11.2 8.3 12.5

54 8.8 7.4 11.2

68 5.8 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

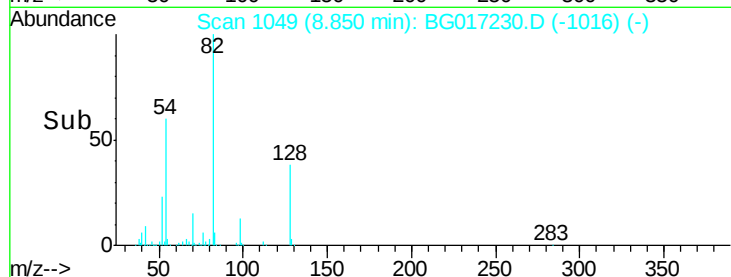
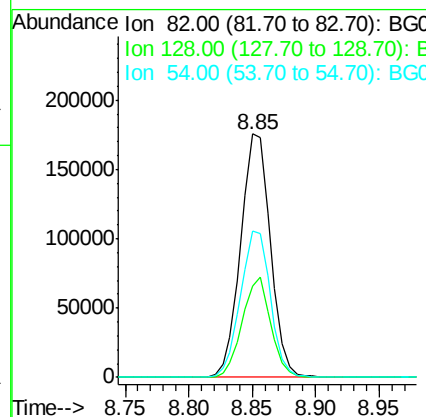
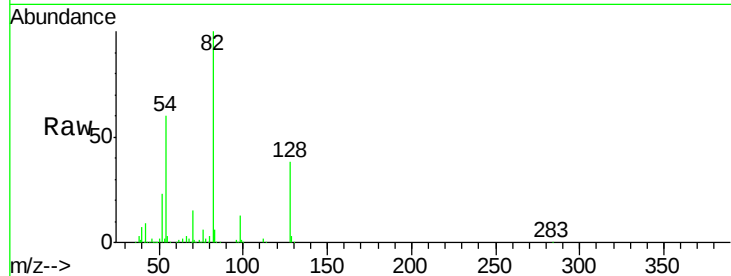




#23
 Nitrobenzene-d5
 Concen: 73.24 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG017230.D
 Acq: 21 May 2015 2:35

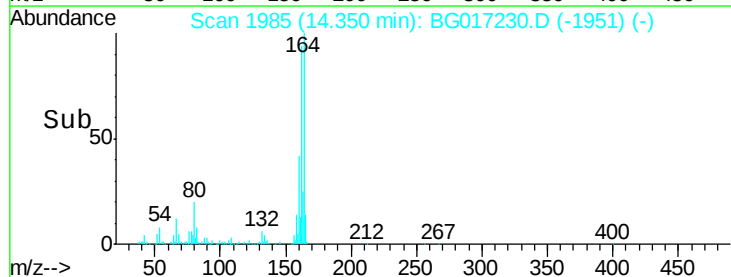
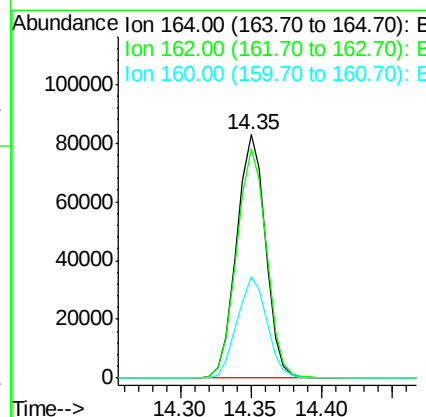
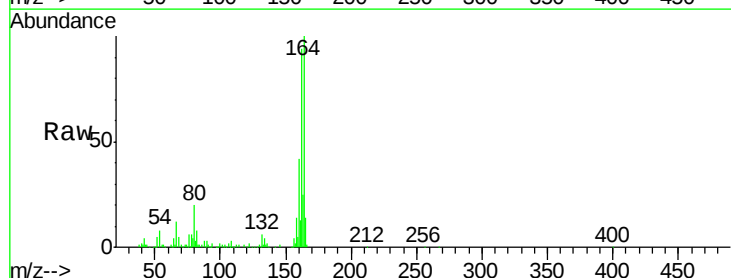
Instrument :
 BNA_G
 ClientSampleId :
 MW12D

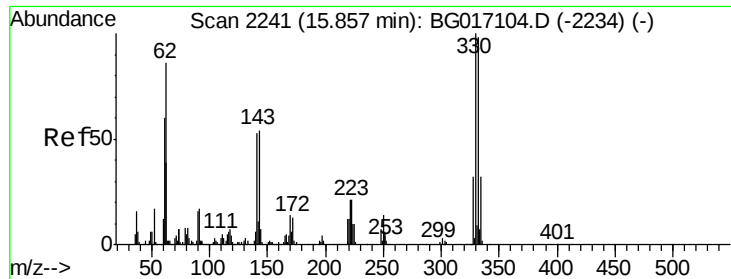
Tgt Ion: 82 Resp: 285846
 Ion Ratio Lower Upper
 82 100
 128 37.7 32.6 49.0
 54 59.8 49.6 74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: BG017230.D
 Acq: 21 May 2015 2:35

Tgt Ion: 164 Resp: 118811
 Ion Ratio Lower Upper
 164 100
 162 94.5 82.1 123.1
 160 41.9 34.8 52.2

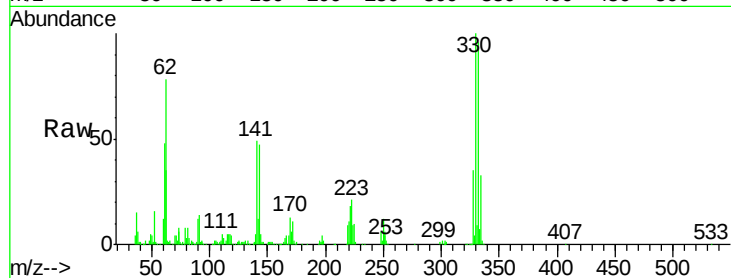




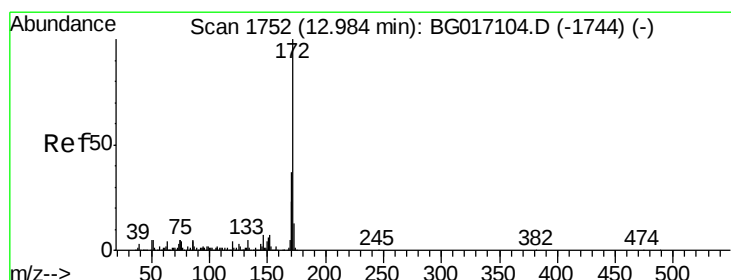
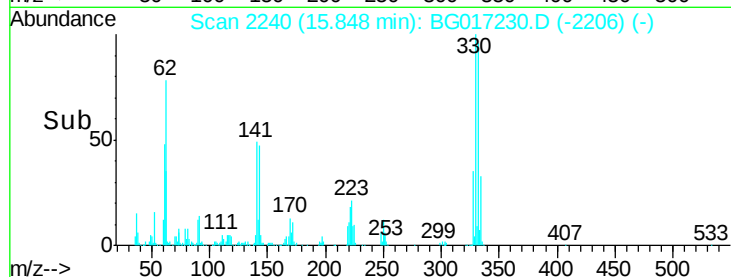
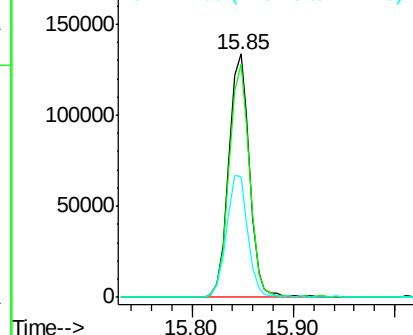
#41
 2,4,6-Tribromophenol
 Concen: 132.23 ng
 RT: 15.85 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: BG017230.D
 Acq: 21 May 2015 2:35

Instrument :
 BNA_G
 ClientSampleId :
 MW12D

Tgt Ion:330 Resp: 189912
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.9 115.3
 141 51.8 42.2 63.2

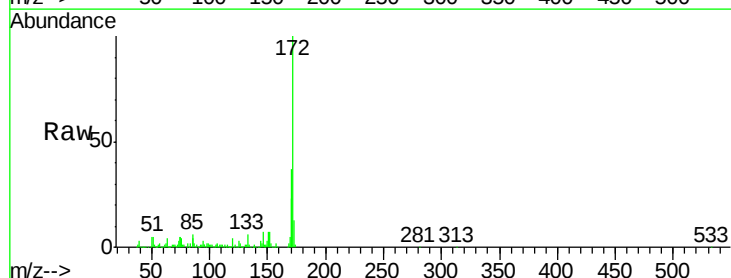


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

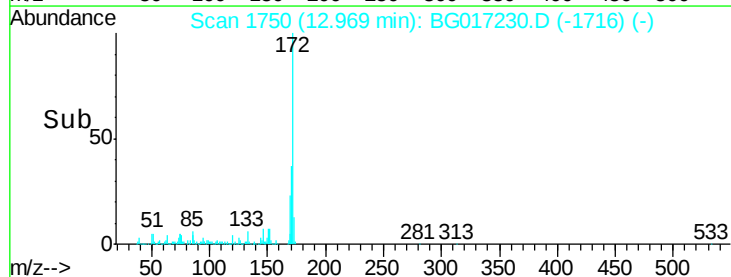
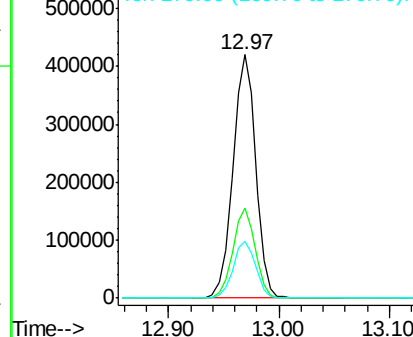


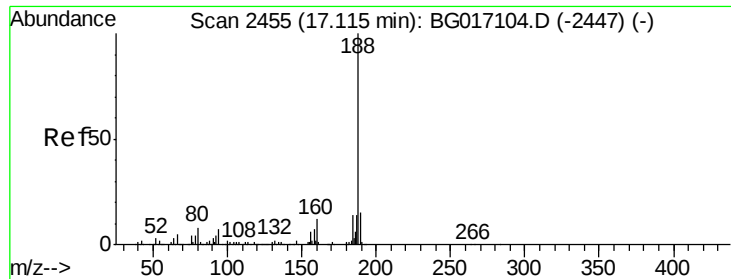
#44
 2-Fluorobiphenyl
 Concen: 74.92 ng
 RT: 12.97 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BG017230.D
 Acq: 21 May 2015 2:35

Tgt Ion:172 Resp: 606630
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 23.4 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: BG017230.D

Acq: 21 May 2015 2:35

Instrument :

BNA_G

ClientSampleId :

MW12D

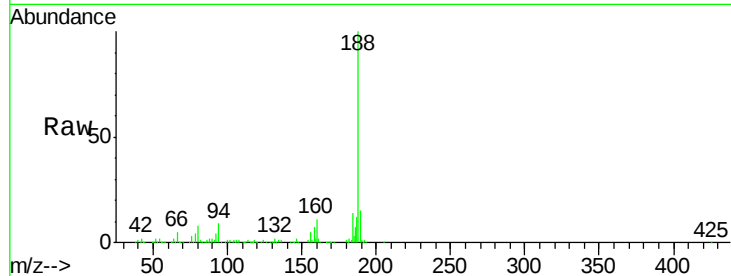
Tgt Ion:188 Resp: 278462

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.6#

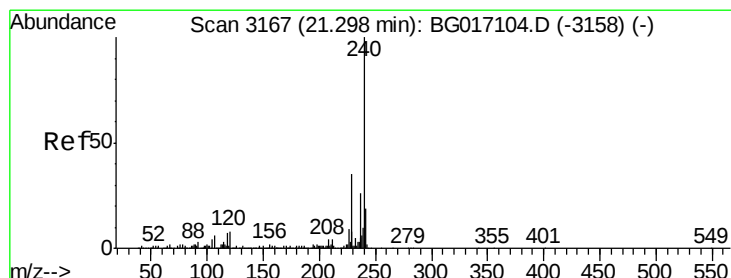
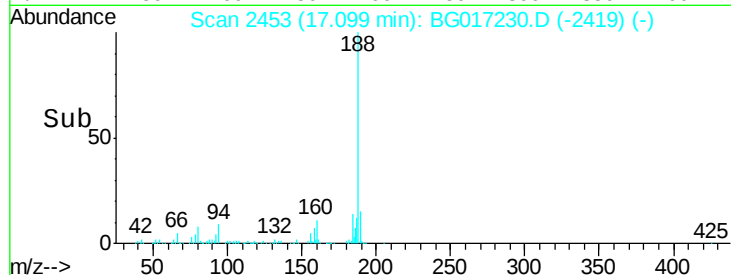
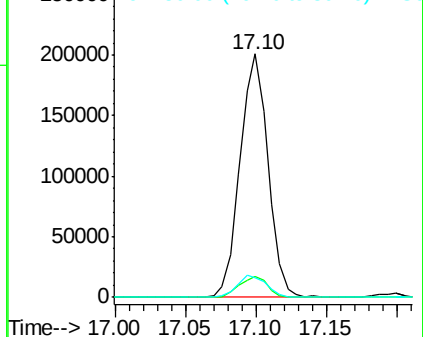
80 8.3 6.5 9.7



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: 21.29 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG017230.D

Acq: 21 May 2015 2:35

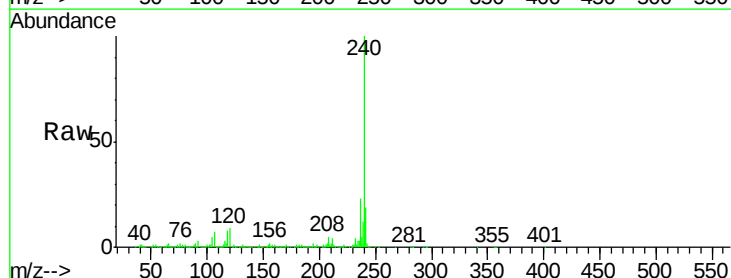
Tgt Ion:240 Resp: 304775

Ion Ratio Lower Upper

240 100

120 8.9 6.0 9.0

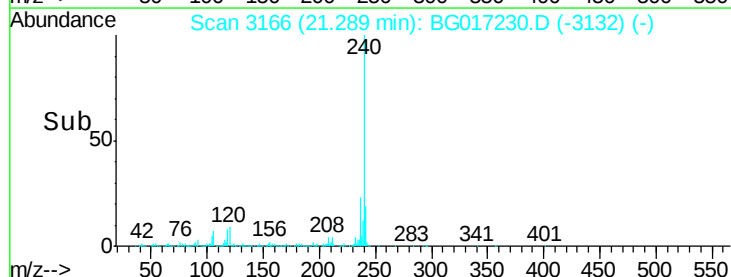
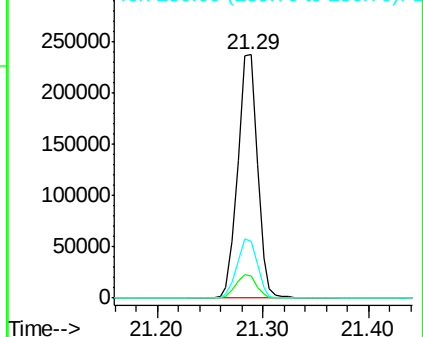
236 23.5 20.5 30.7



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: 75.31 ng

RT: 19.74 min Scan# 2902

Delta R.T. 0.00 min

Lab File: BG017230.D

Acq: 21 May 2015 2:35

Instrument :

BNA_G

ClientSampled :

MW12D

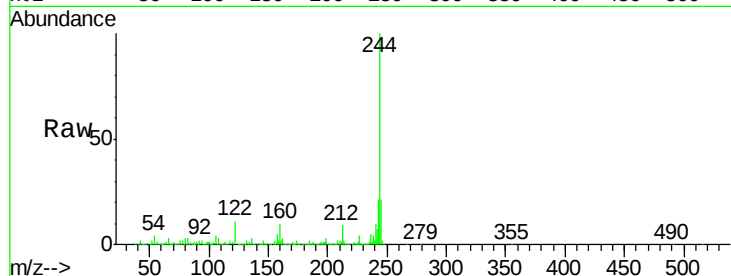
Tgt Ion:244 Resp: 1101415

Ion Ratio Lower Upper

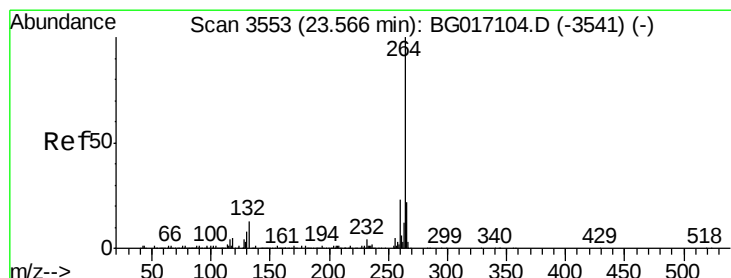
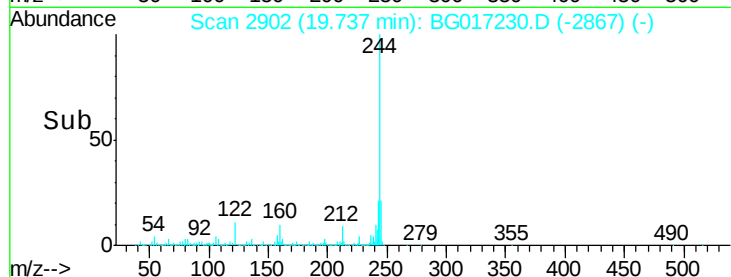
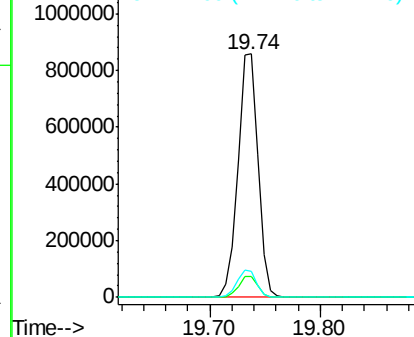
244 100

212 8.8 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# 3551

Delta R.T. -0.00 min

Lab File: BG017230.D

Acq: 21 May 2015 2:35

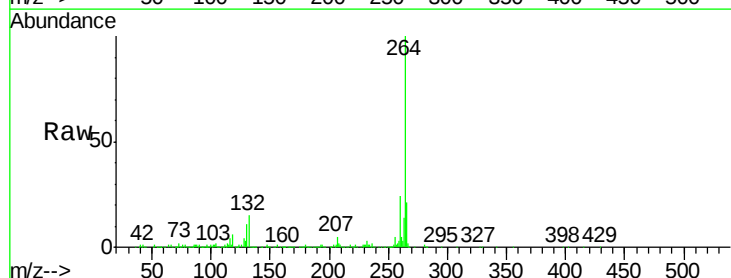
Tgt Ion:264 Resp: 304072

Ion Ratio Lower Upper

264 100

260 24.0 18.0 27.0

265 20.8 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

