

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017023.D
 Acq On : 10 May 2015 13:09
 Operator : TP/IZ
 Sample : G2104-07
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-102

Quant Time: May 11 01:31:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

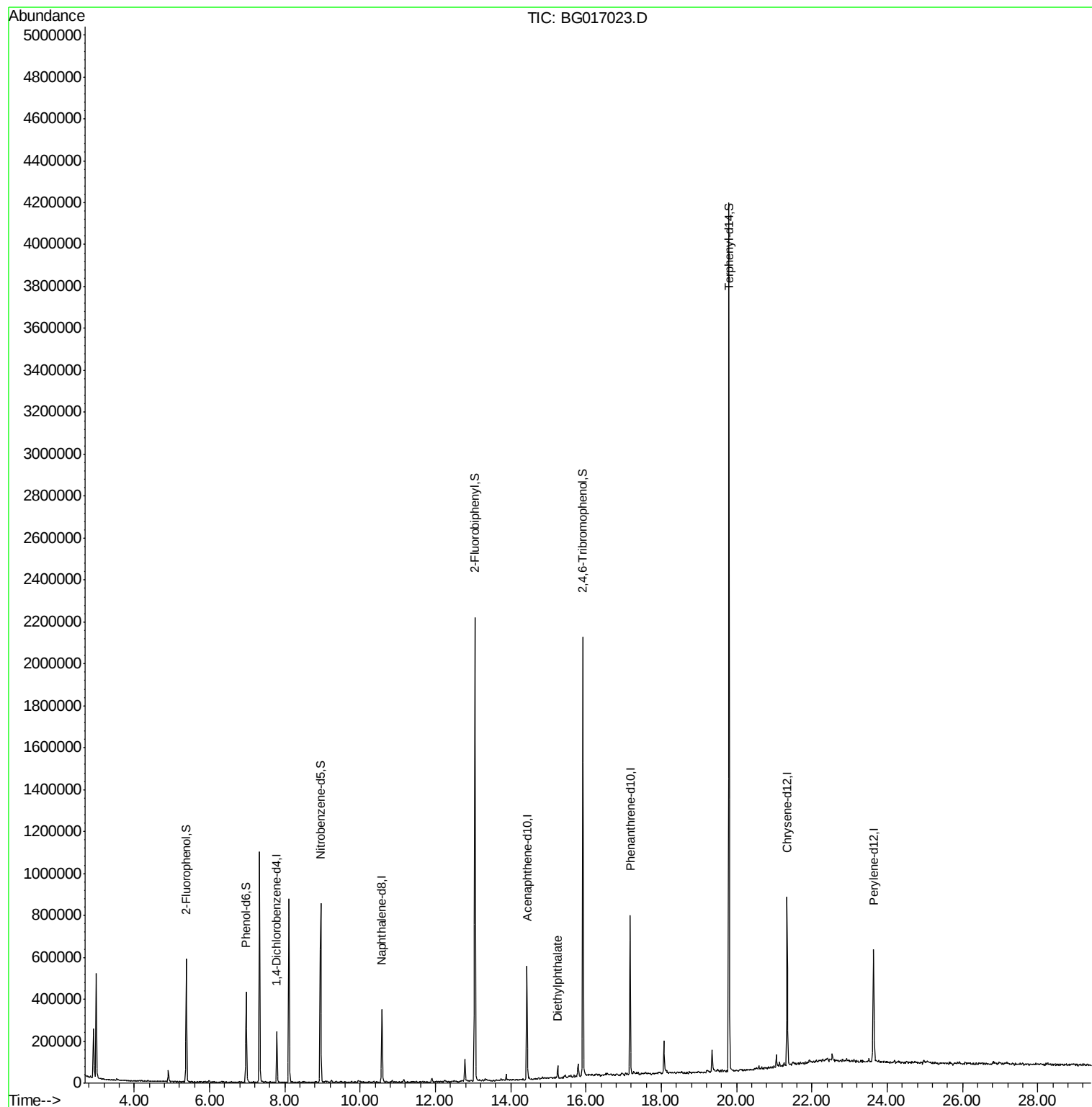
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	53001	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	260458	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	175920	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	393176	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	386329	20.00	ng	-0.03
86) Perylene-d12	23.64	264	374552	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	207052	68.02	ng	0.00
7) Phenol-d6	6.97	99	189631	43.61	ng	0.00
23) Nitrobenzene-d5	8.94	82	455377	85.41	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	302840	171.48	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	1002885	86.03	ng	-0.02
78) Terphenyl-d14	19.80	244	1490011	90.41	ng	-0.02
Target Compounds						
32) Benzoic acid	9.76	122	54	Below Cal		Qvalue # 1
59) Diethylphthalate	15.25	149	28180	2.03 ng		98

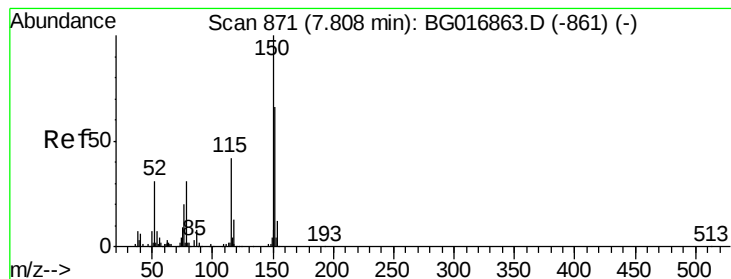
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG017023.D

Acq: 10 May 2015 13:09

Instrument :

BNA_G

ClientSampleId :

MW-102

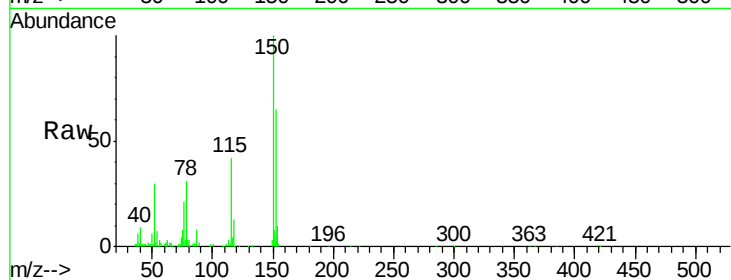
Tgt Ion:152 Resp: 53001

Ion Ratio Lower Upper

152 100

150 154.9 121.0 181.4

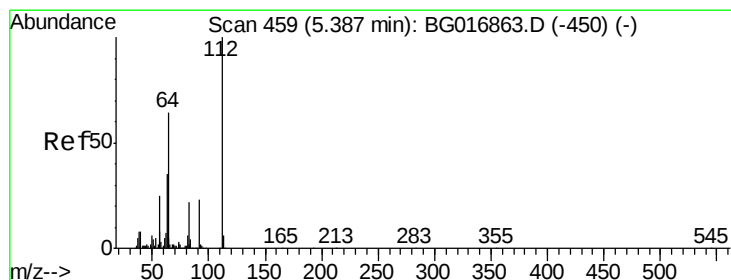
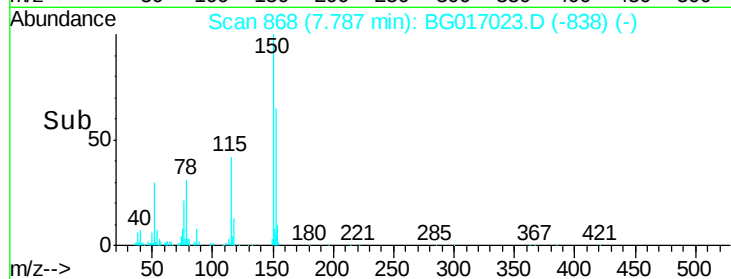
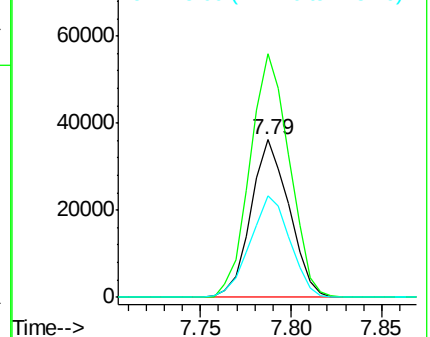
115 64.6 50.5 75.7



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: 68.02 ng

RT: 5.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: BG017023.D

Acq: 10 May 2015 13:09

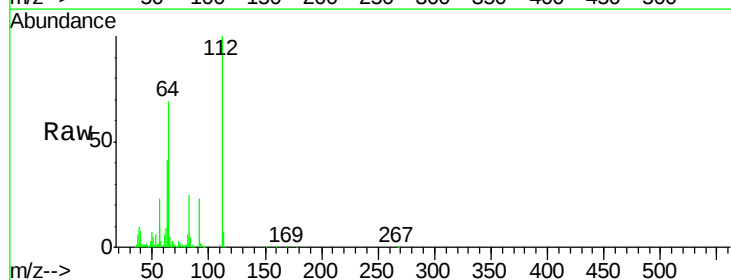
Tgt Ion:112 Resp: 207052

Ion Ratio Lower Upper

112 100

64 69.4 51.4 77.2

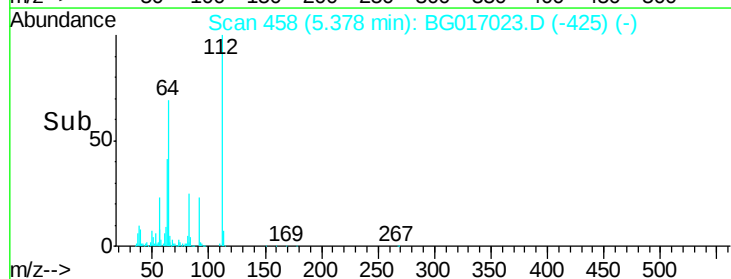
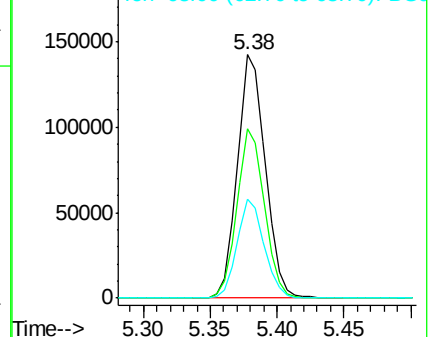
63 40.6 28.1 42.1



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: 43.61 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG017023.D

Acq: 10 May 2015 13:09

Instrument :

BNA_G

ClientSampleId :

MW-102

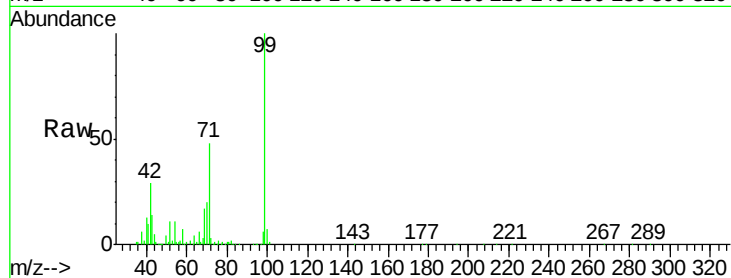
Tgt Ion: 99 Resp: 189631

Ion Ratio Lower Upper

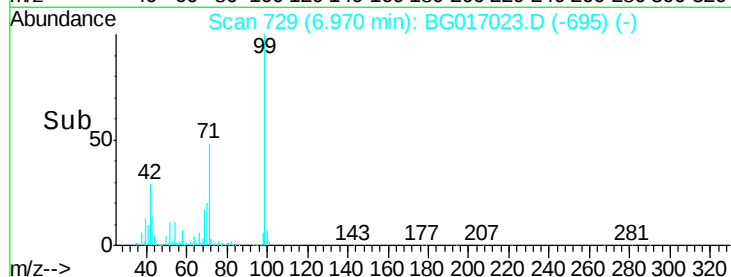
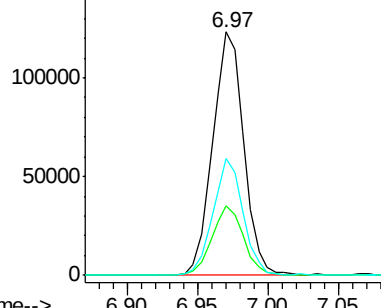
99 100

42 28.7 22.1 33.1

71 48.3 33.4 50.0



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: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017023.D

Acq: 10 May 2015 13:09

Tgt Ion: 136 Resp: 260458

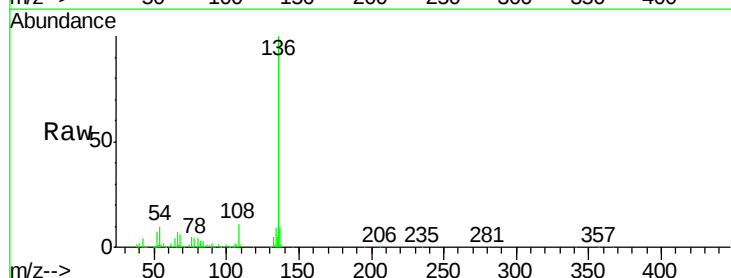
Ion Ratio Lower Upper

136 100

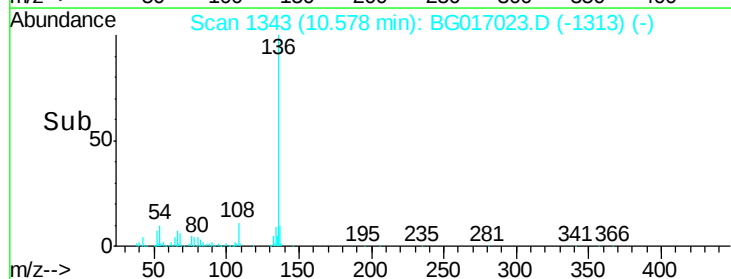
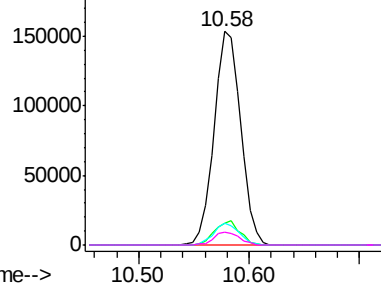
137 10.0 9.8 14.8

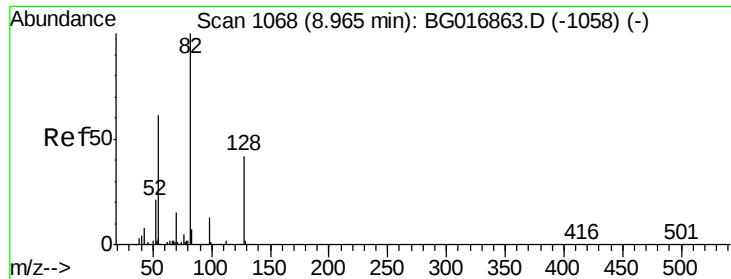
54 10.3 8.7 13.1

68 5.7 5.0 7.4



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

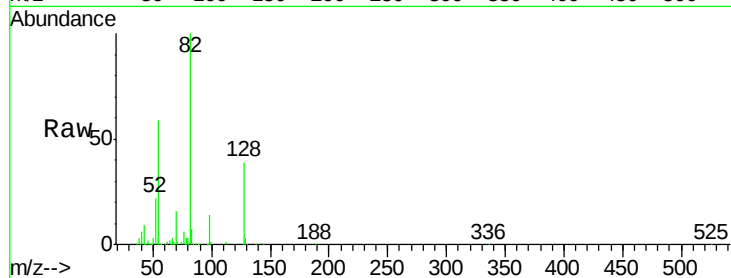




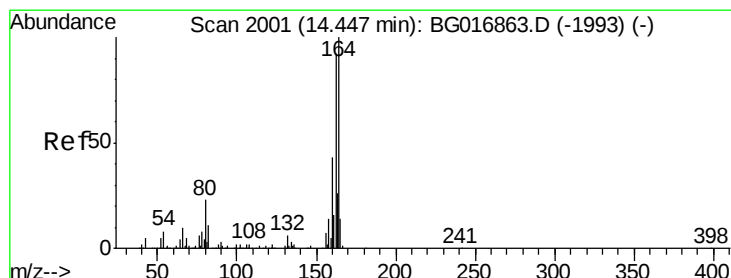
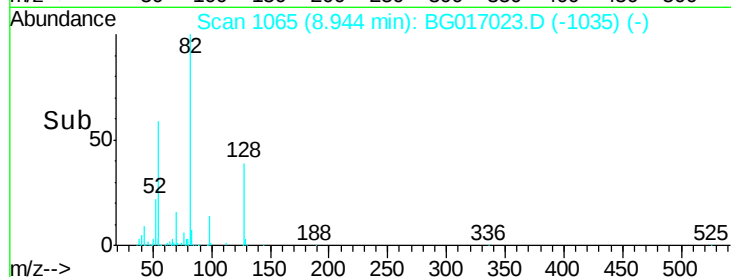
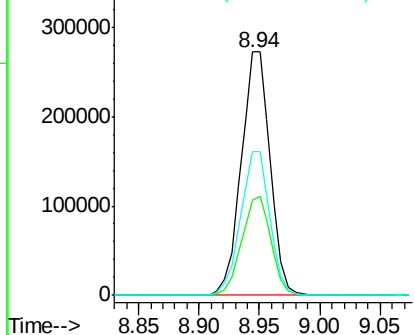
#23
 Nitrobenzene-d5
 Concen: 85.41 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017023.D
 Acq: 10 May 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 MW-102

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.0	33.2	49.8
54	59.2	48.6	72.8

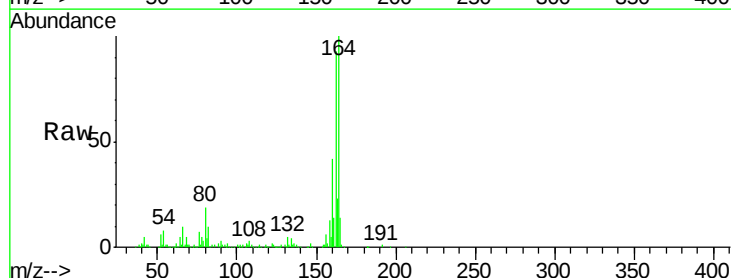


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

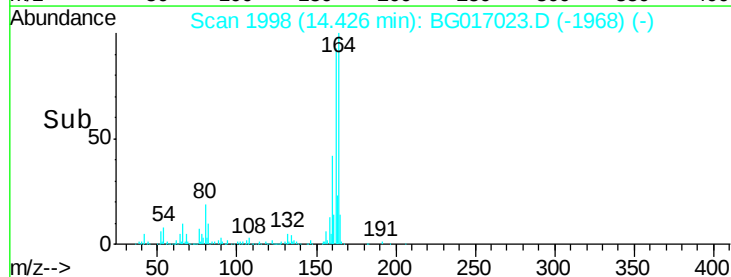
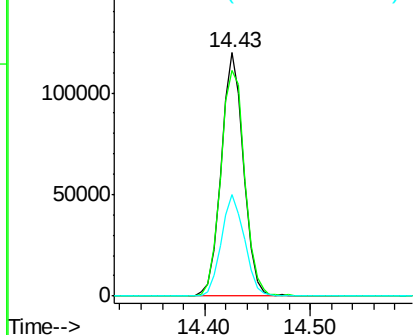


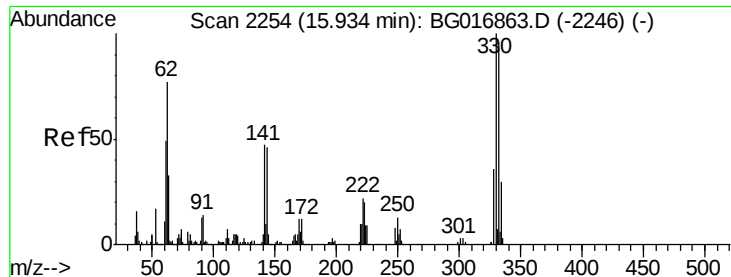
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017023.D
 Acq: 10 May 2015 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.9	74.0	111.0
160	41.7	34.7	52.1



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

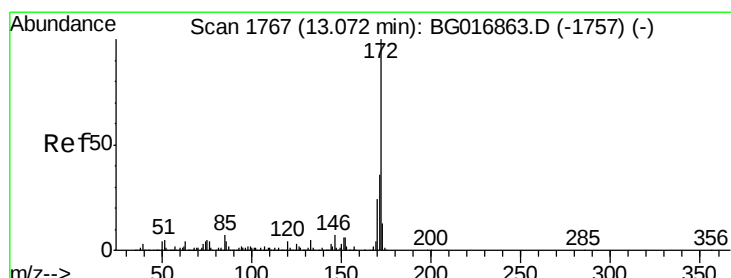
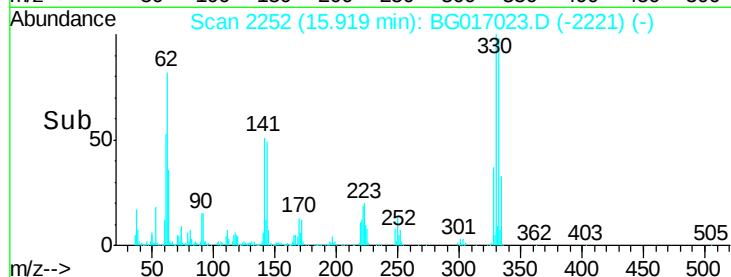
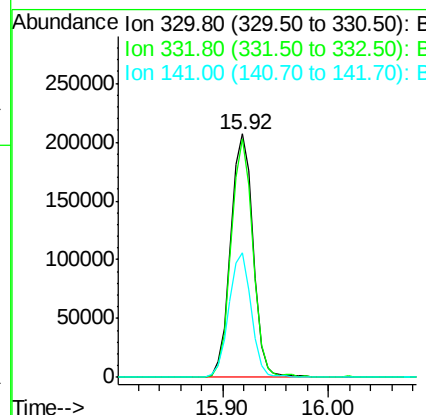
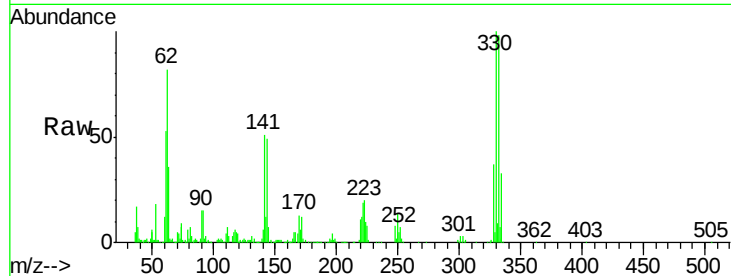




#41
 2,4,6-Tribromophenol
 Concen: 171.48 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.02 min
 Lab File: BG017023.D
 Acq: 10 May 2015 13:09

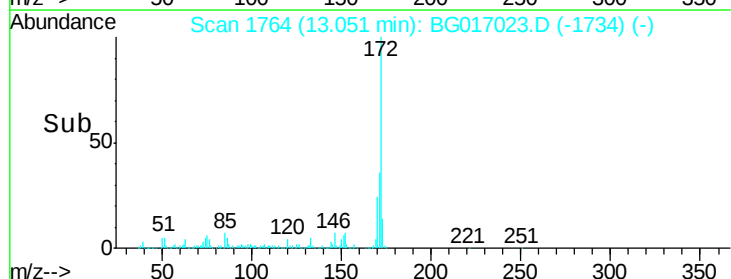
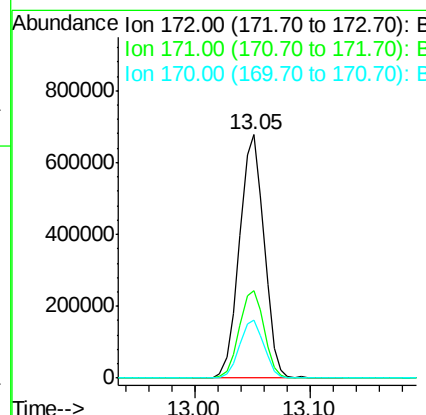
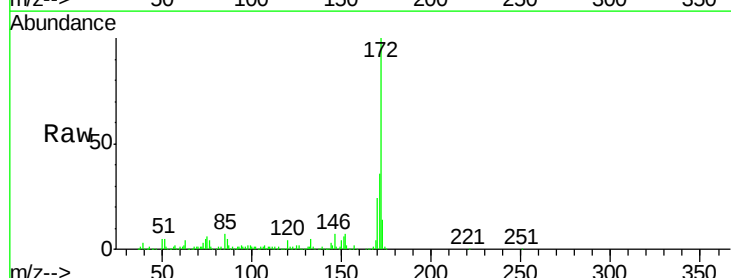
Instrument :
 BNA_G
 ClientSampleId :
 MW-102

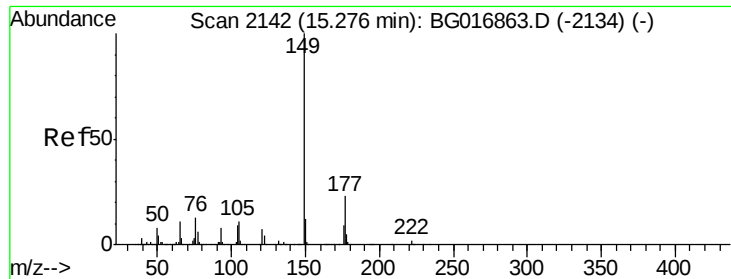
Tgt Ion:330 Resp: 302840
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 51.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 86.03 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017023.D
 Acq: 10 May 2015 13:09

Tgt Ion:172 Resp: 1002885
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 24.0 19.0 28.4

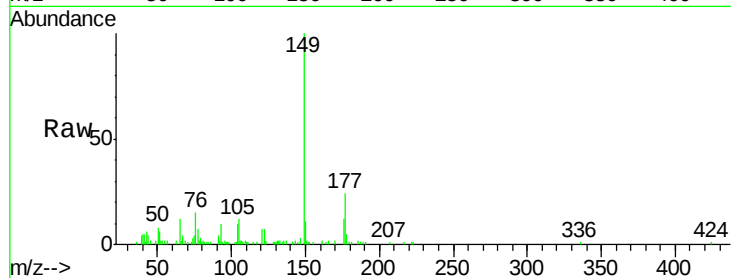




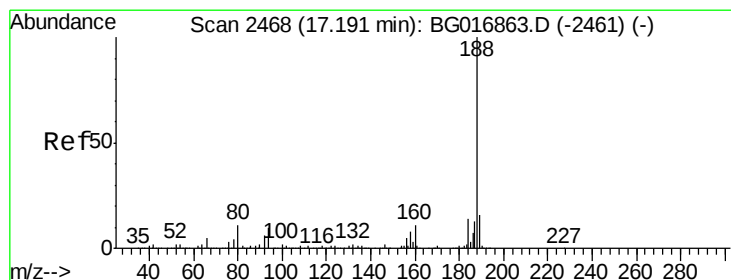
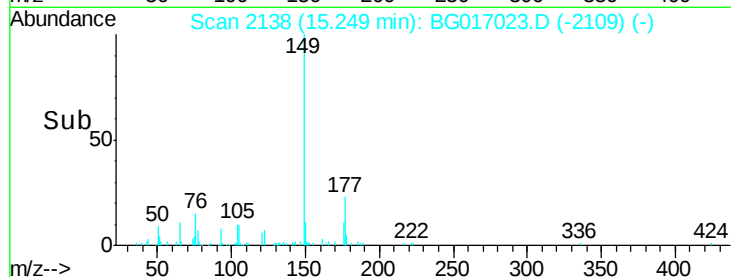
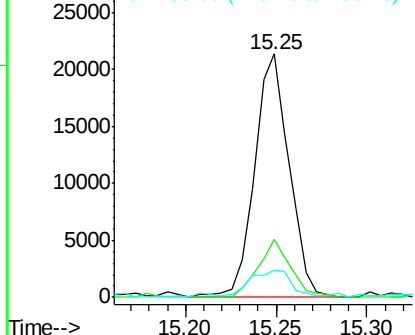
#59
Diethylphthalate
Concen: 2.03 ng
RT: 15.25 min Scan# 2138
Delta R.T. -0.03 min
Lab File: BG017023.D
Acq: 10 May 2015 13:09

Instrument :
BNA_G
ClientSampled :
MW-102

Tgt Ion:149 Resp: 28180
Ion Ratio Lower Upper
149 100
177 23.8 18.6 27.8
150 11.3 9.8 14.8

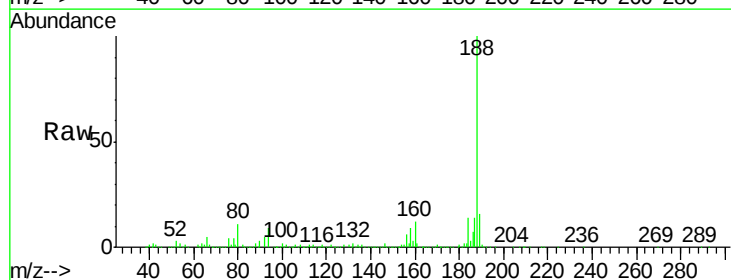


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

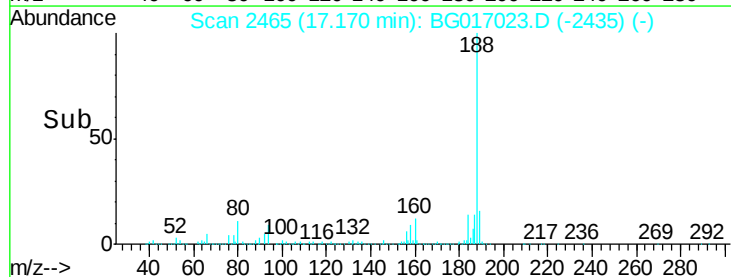
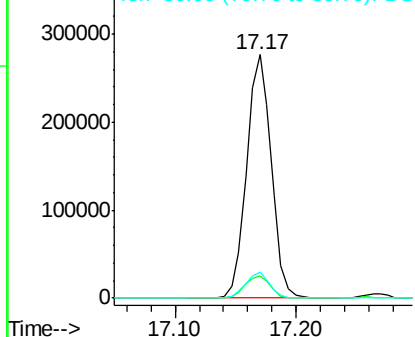


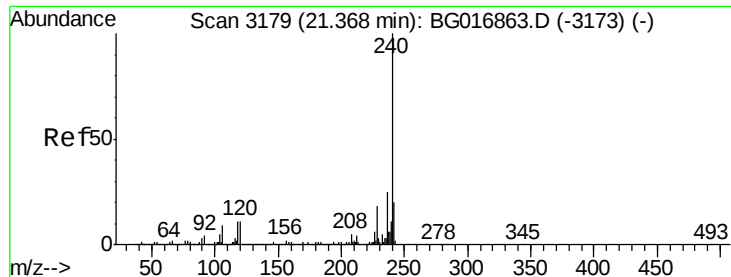
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017023.D
Acq: 10 May 2015 13:09

Tgt Ion:188 Resp: 393176
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.4
80 10.7 8.8 13.2



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: 21.34 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG017023.D

Acq: 10 May 2015 13:09

Instrument :

BNA_G

ClientSampleId :

MW-102

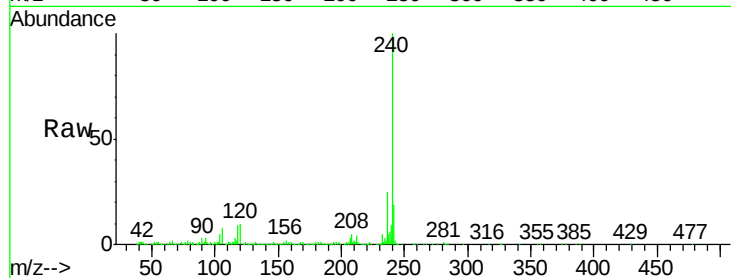
Tgt Ion:240 Resp: 386329

Ion Ratio Lower Upper

240 100

120 10.2 9.1 13.7

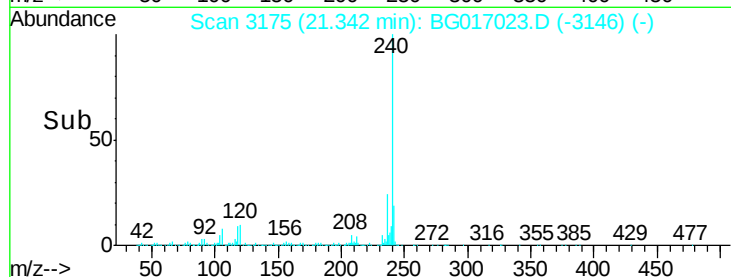
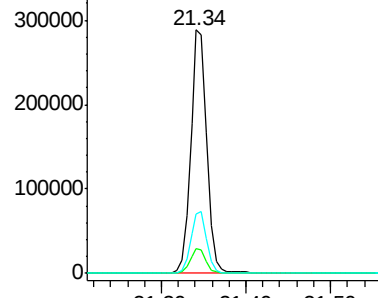
236 24.6 20.2 30.4



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: 90.41 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017023.D

Acq: 10 May 2015 13:09

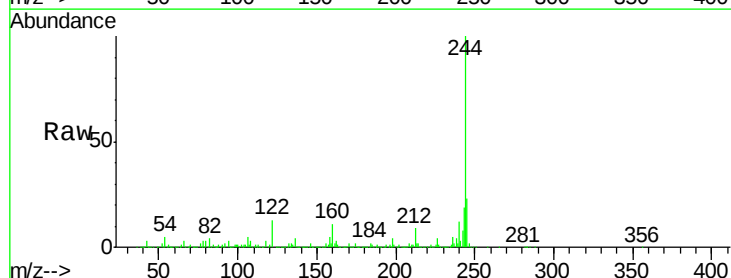
Tgt Ion:244 Resp: 1490011

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

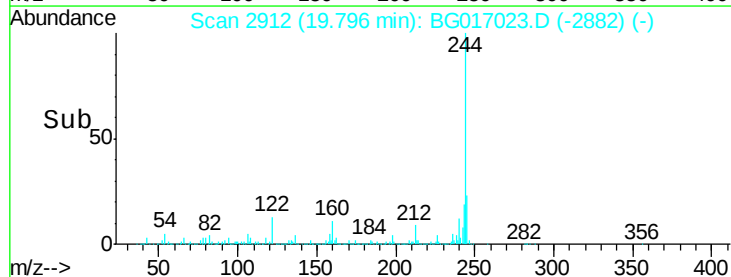
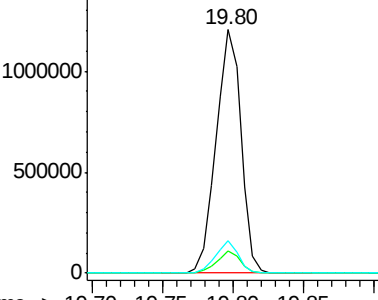
122 13.2 10.4 15.6

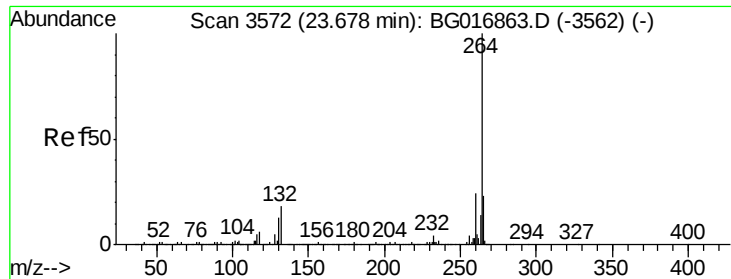


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.64 min Scan# 3566
Delta R.T. -0.04 min
Lab File: BG017023.D
Acq: 10 May 2015 13:09

Instrument :
BNA_G
ClientSampleId :
MW-102

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.3	18.5	27.7

