

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021655.D
 Acq On : 14 Apr 2016 16:36
 Operator : UM/SJ
 Sample : H2372-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-10

Quant Time: Apr 15 00:52:07 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

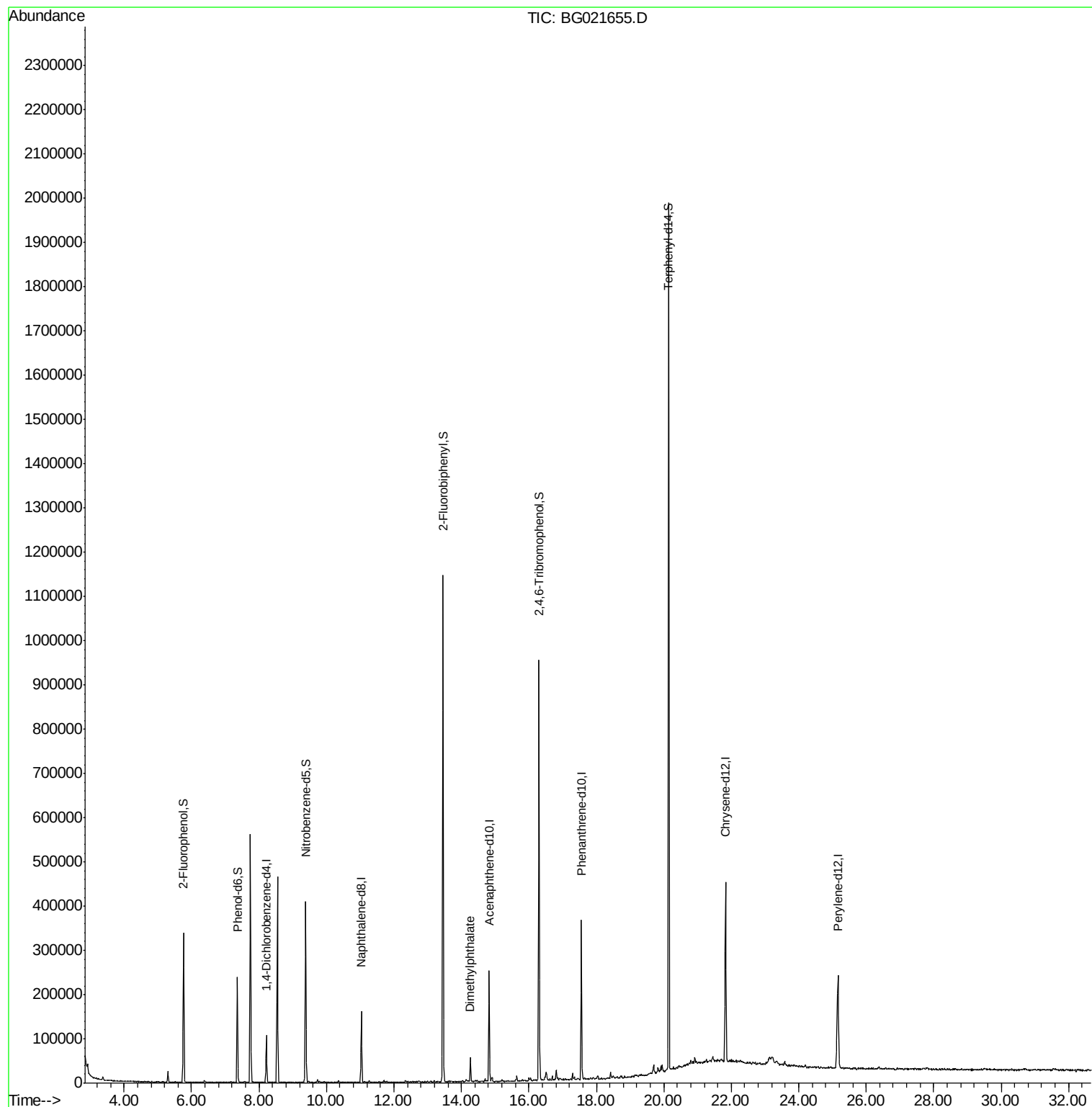
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	29873	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	134377	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	90337	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	212694	20.00	ng	0.00
75) Chrysene-d12	21.83	240	236814	20.00	ng	0.00
86) Perylene-d12	25.15	264	228944	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	145079	80.87	ng	0.00
7) Phenol-d6	7.36	99	141912	52.96	ng	0.00
23) Nitrobenzene-d5	9.38	82	257072	98.33	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	165641	170.13	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	605660	98.23	ng	0.00
78) Terphenyl-d14	20.14	244	838300	88.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	37492	4.80	ng	Qvalue 100

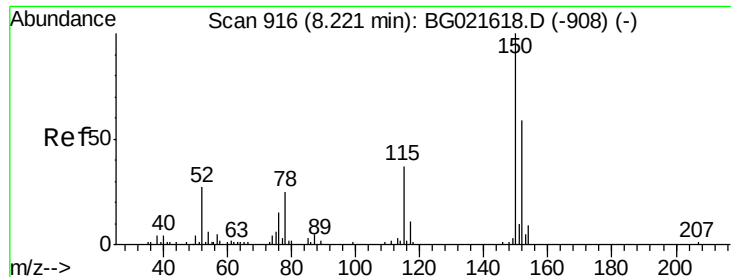
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 916

Delta R.T. -0.00 min

Lab File: BG021655.D

Acq: 14 Apr 2016 16:36

Instrument :

BNA_G

ClientSampleId :

GMW-10

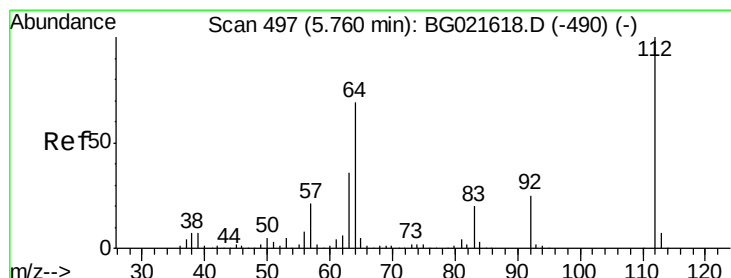
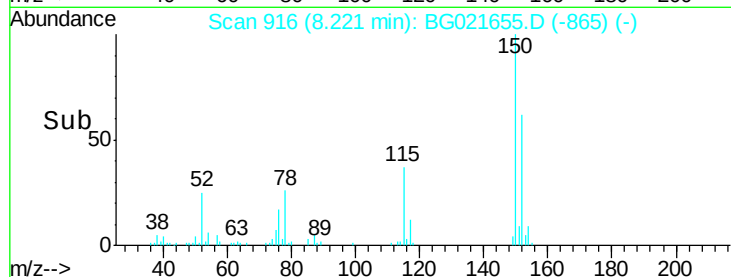
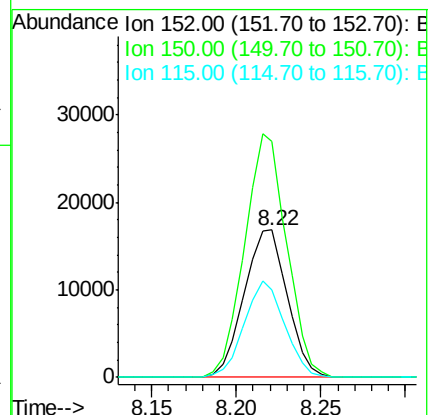
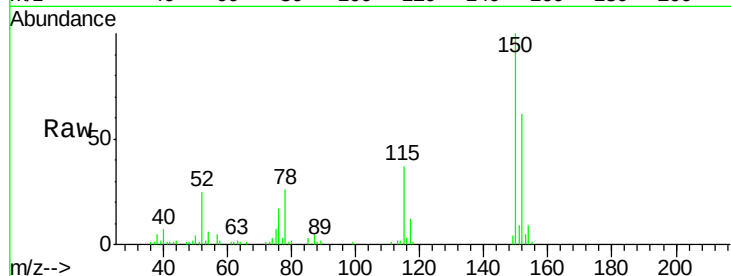
Tgt Ion:152 Resp: 29873

Ion Ratio Lower Upper

152 100

150 160.1 130.1 195.1

115 59.8 62.2 93.2#



#5

2-Fluorophenol

Concen: 80.87 ng

RT: 5.77 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021655.D

Acq: 14 Apr 2016 16:36

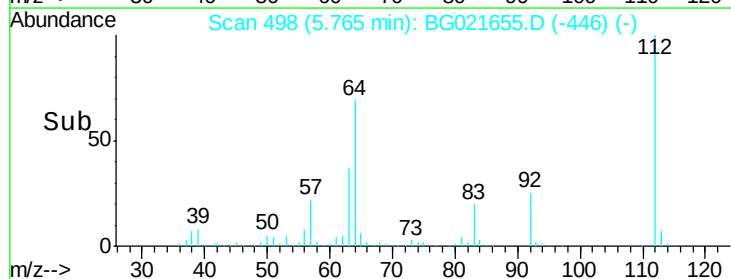
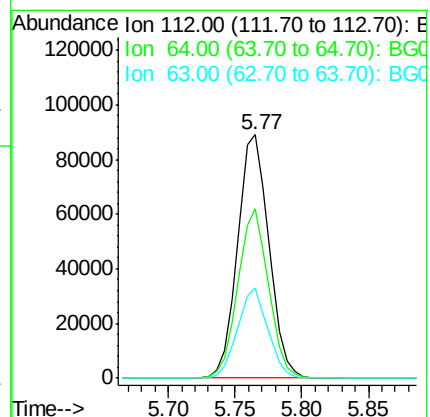
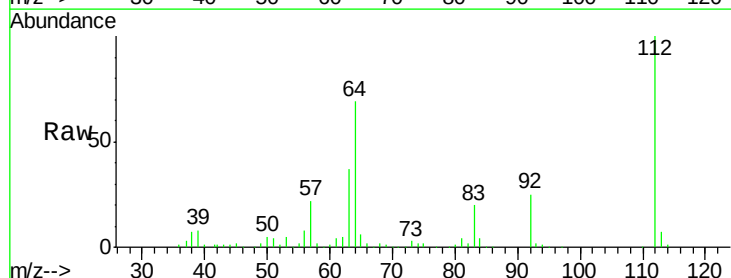
Tgt Ion:112 Resp: 145079

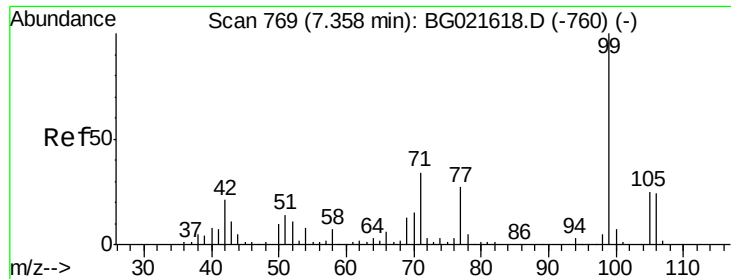
Ion Ratio Lower Upper

112 100

64 69.5 51.1 76.7

63 37.2 24.6 37.0#





#7

Phenol-d6

Concen: 52.96 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021655.D

Acq: 14 Apr 2016 16:36

Instrument :

BNA_G

ClientSampleId :

GMW-10

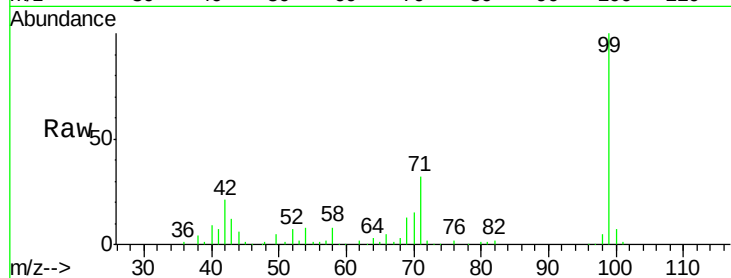
Tgt Ion: 99 Resp: 141912

Ion Ratio Lower Upper

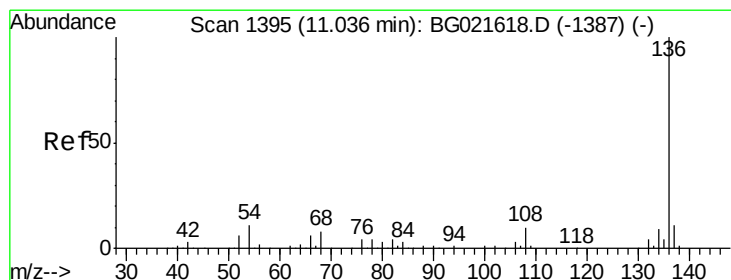
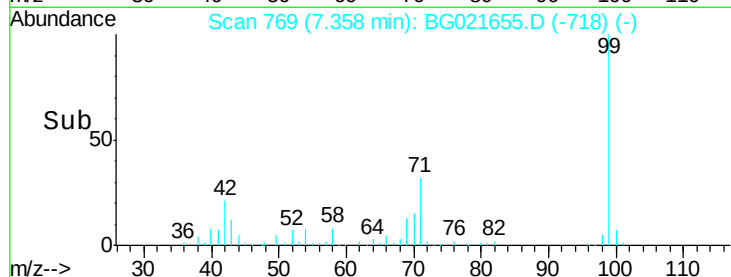
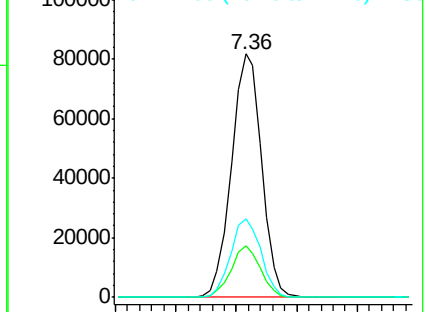
99 100

42 21.4 16.4 24.6

71 32.3 25.0 37.4



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: 11.04 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021655.D

Acq: 14 Apr 2016 16:36

Tgt Ion: 136 Resp: 134377

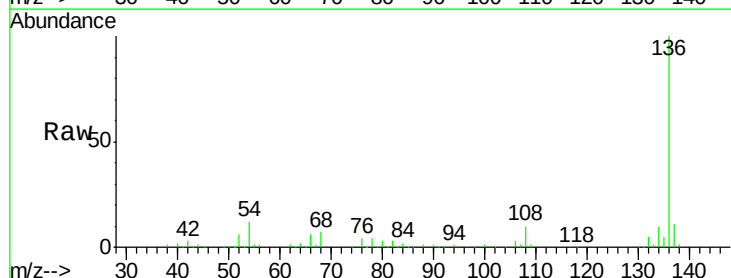
Ion Ratio Lower Upper

136 100

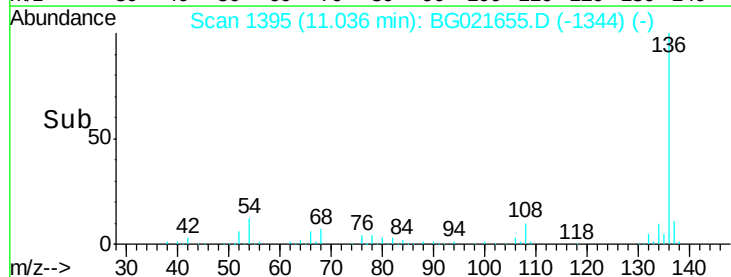
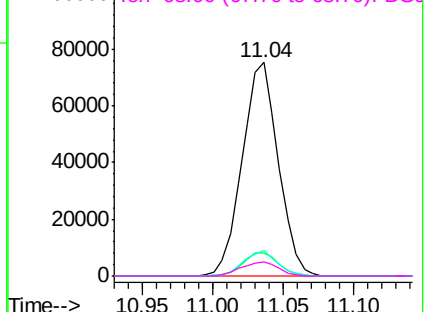
137 10.8 9.0 13.4

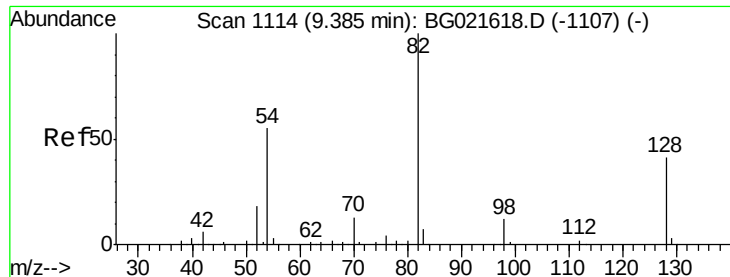
54 11.8 9.6 14.4

68 6.8 6.4 9.6



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

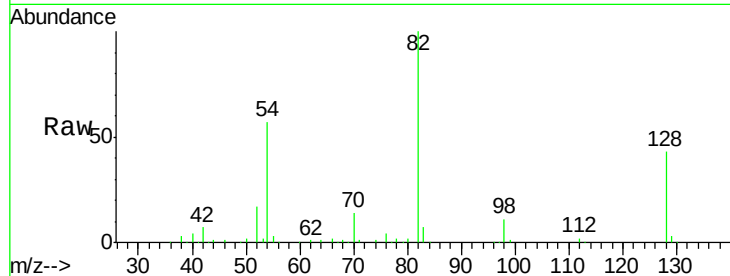




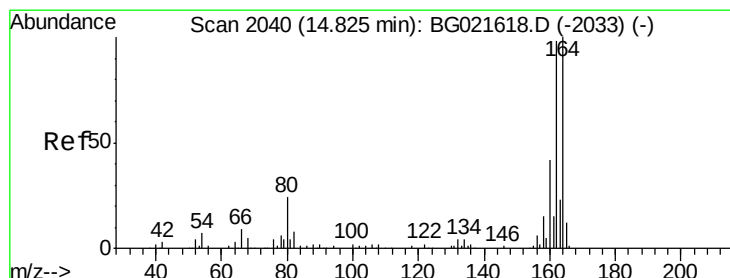
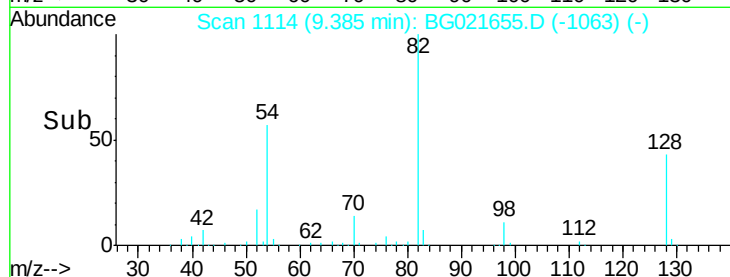
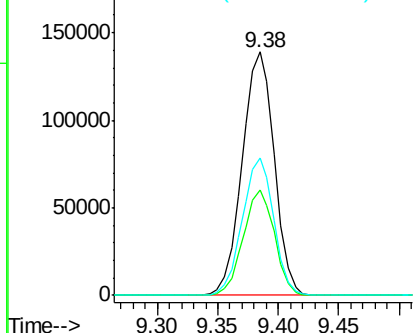
#23
 Nitrobenzene-d5
 Concen: 98.33 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021655.D
 Acq: 14 Apr 2016 16:36

Instrument :
 BNA_G
 ClientSampleID :
 GMW-10

Tgt Ion: 82 Resp: 257072
 Ion Ratio Lower Upper
 82 100
 128 43.1 33.4 50.0
 54 56.5 46.1 69.1

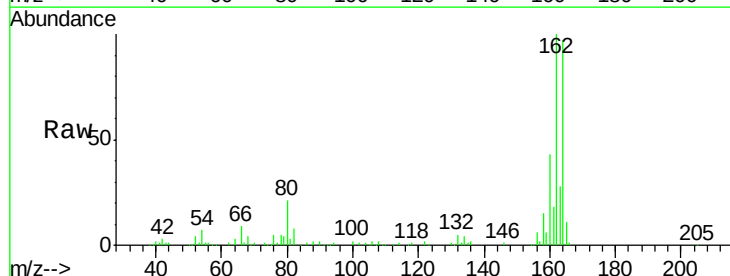


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

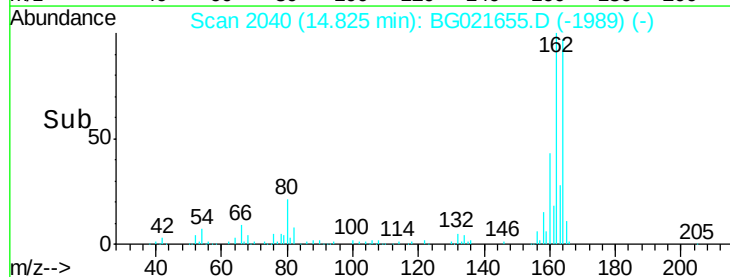
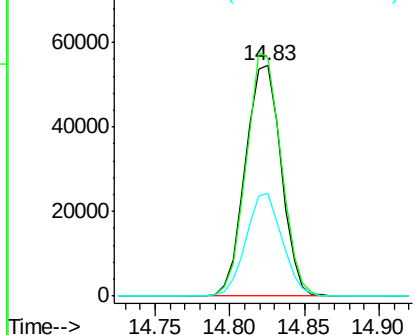


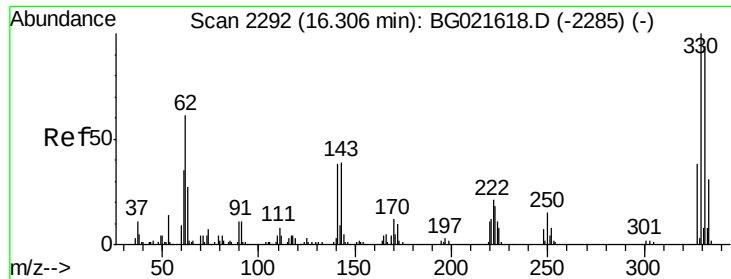
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021655.D
 Acq: 14 Apr 2016 16:36

Tgt Ion: 164 Resp: 90337
 Ion Ratio Lower Upper
 164 100
 162 103.3 78.0 117.0
 160 44.5 32.9 49.3



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: 170.13 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG021655.D

Acq: 14 Apr 2016 16:36

Instrument :

BNA_G

ClientSampled :

GMW-10

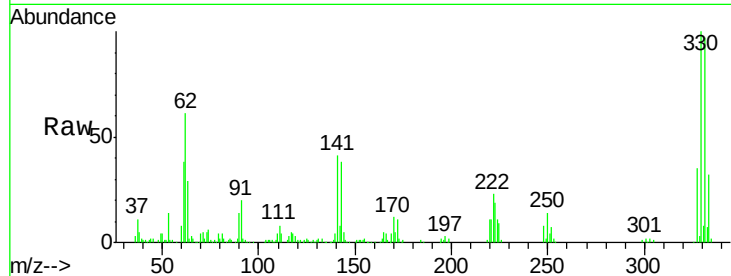
Tgt Ion:330 Resp: 165641

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

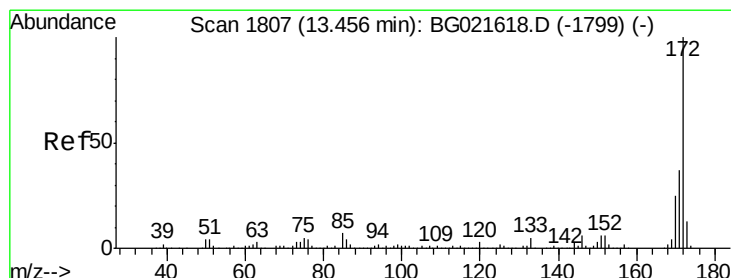
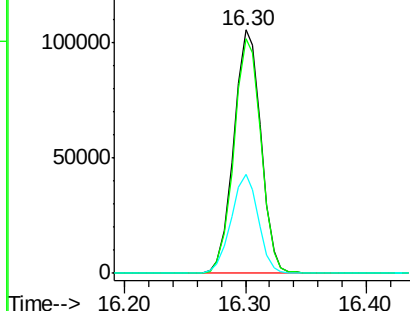
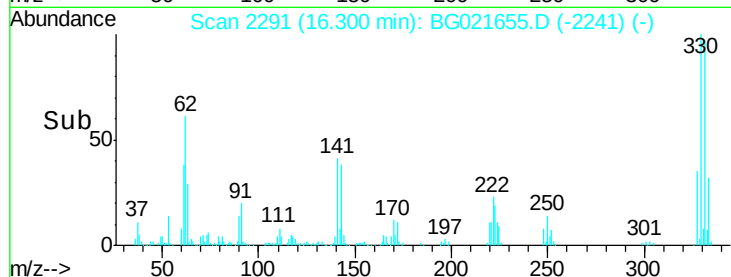
141 40.8 33.8 50.8



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: 98.23 ng

RT: 13.46 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BG021655.D

Acq: 14 Apr 2016 16:36

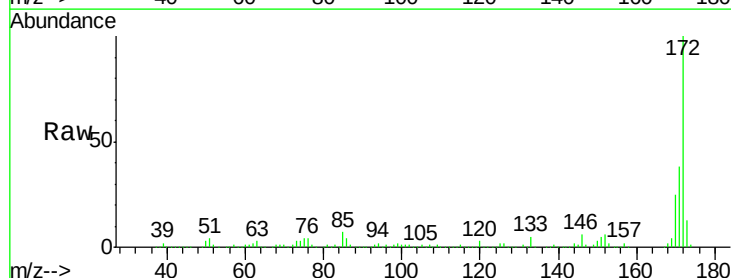
Tgt Ion:172 Resp: 605660

Ion Ratio Lower Upper

172 100

171 37.8 27.8 41.6

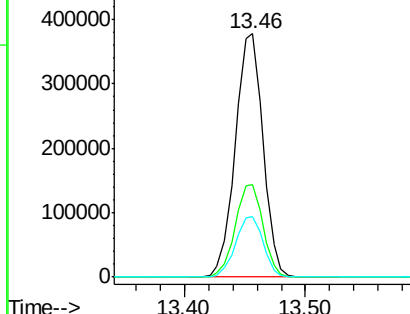
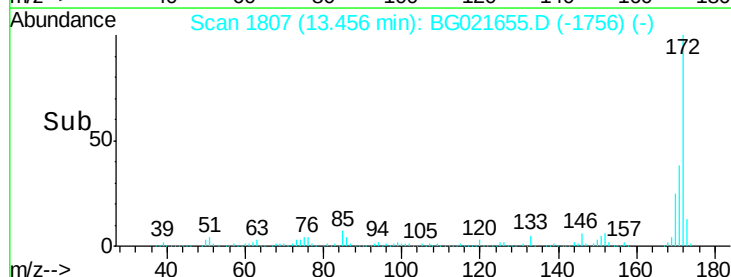
170 25.0 19.6 29.4

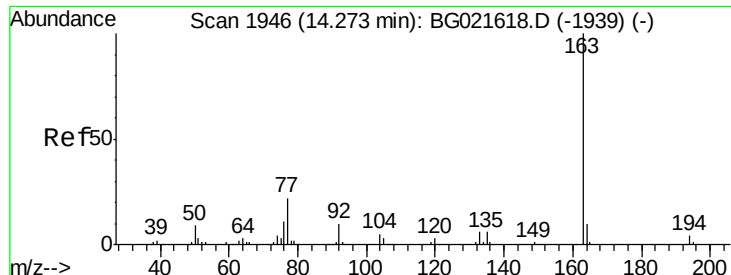


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.80 ng

RT: 14.27 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021655.D

Acq: 14 Apr 2016 16:36

Instrument :

BNA_G

ClientSampleId :

GMW-10

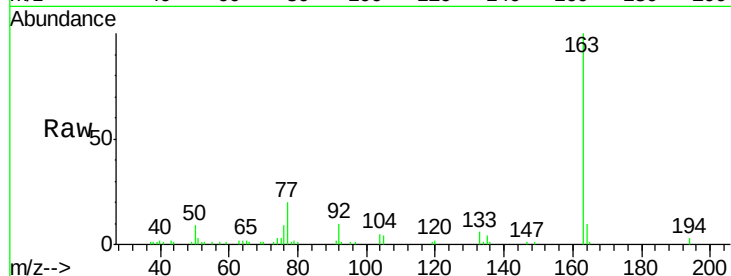
Tgt Ion:163 Resp: 37492

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

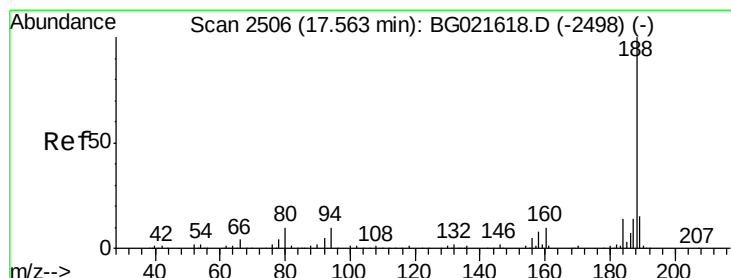
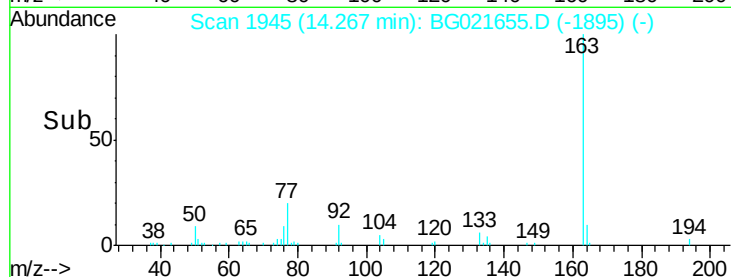
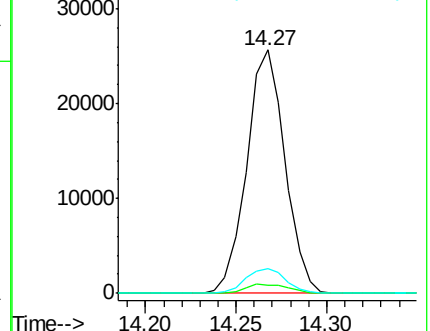
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021655.D

Acq: 14 Apr 2016 16:36

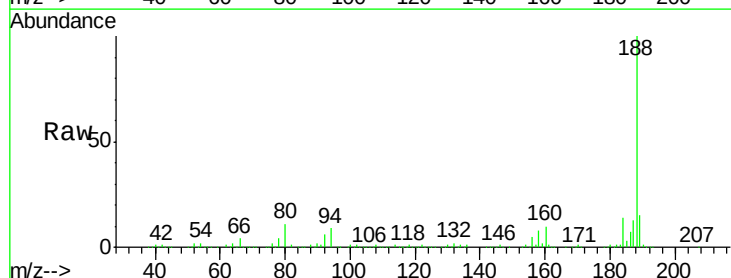
Tgt Ion:188 Resp: 212694

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

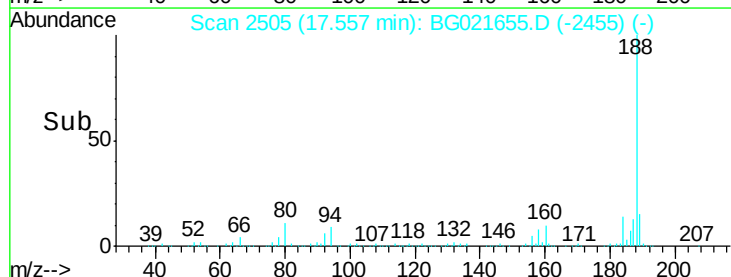
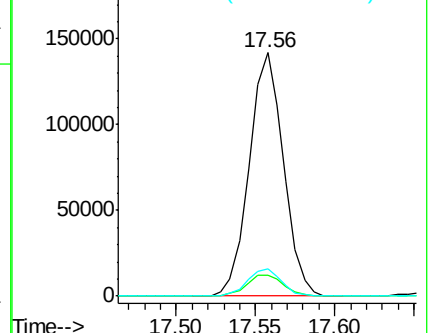
80 11.4 8.6 13.0

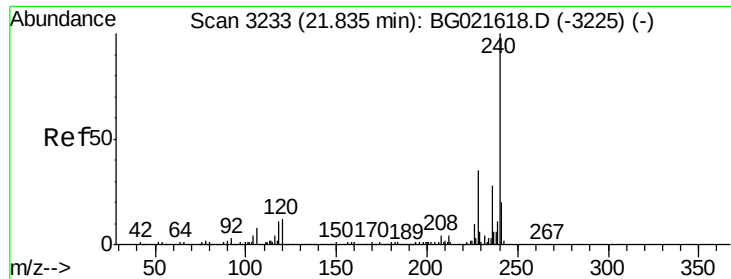


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

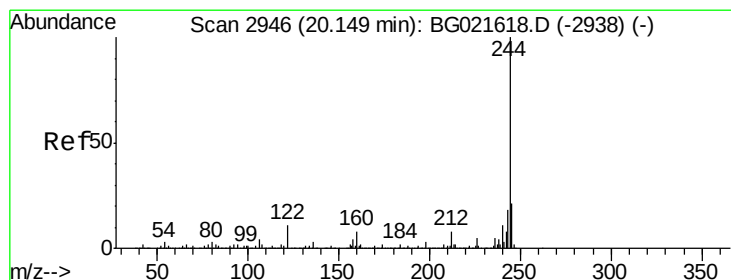
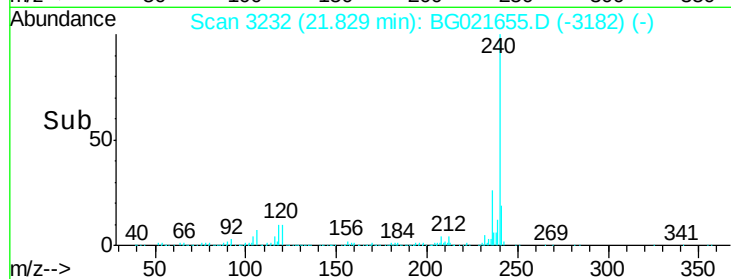
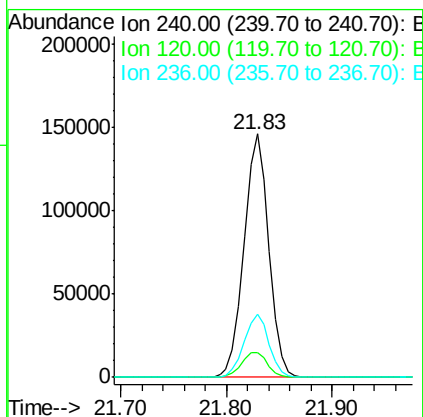
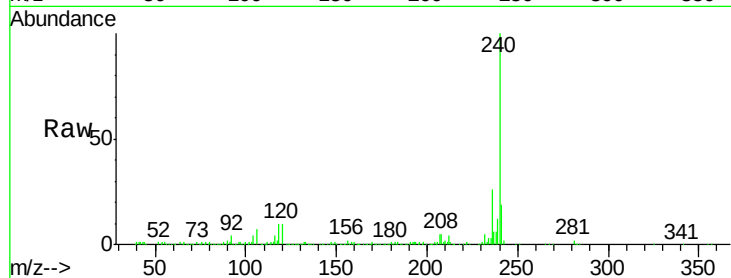




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021655.D
Acq: 14 Apr 2016 16:36

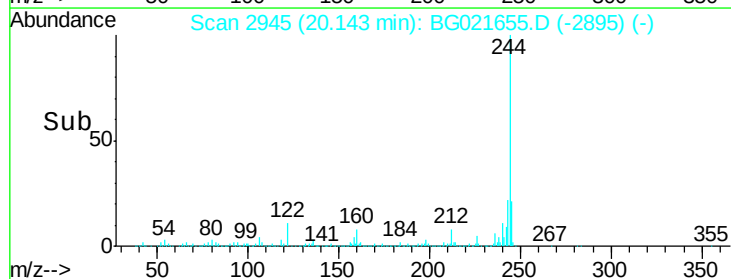
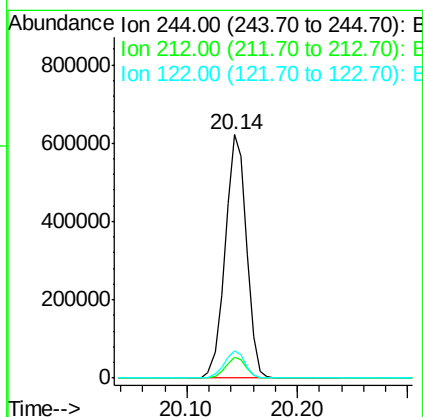
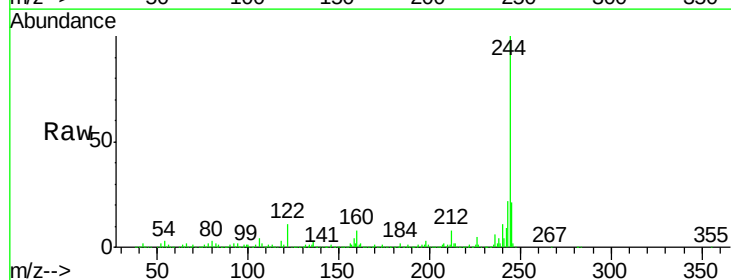
Instrument :
BNA_G
ClientSampleId :
GMW-10

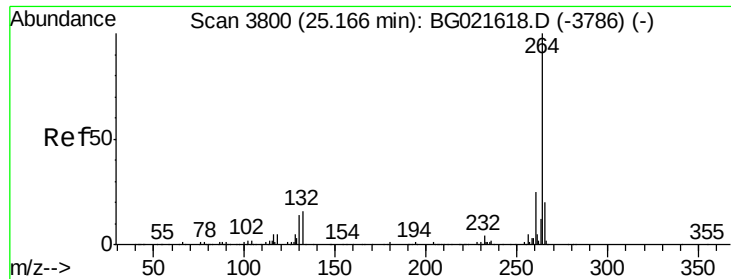
Tgt Ion:240 Resp: 236814
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.8 19.6 29.4



#78
Terphenyl-d14
Concen: 88.33 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG021655.D
Acq: 14 Apr 2016 16:36

Tgt Ion:244 Resp: 838300
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 11.0 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.15 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG021655.D
Acq: 14 Apr 2016 16:36

Instrument :
BNA_G
ClientSampleId :
GMW-10

Tgt Ion: 264 Resp: 228944
Ion Ratio Lower Upper
264 100
260 22.8 20.2 30.4
265 21.4 17.8 26.8

