

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021650.D
 Acq On : 14 Apr 2016 13:20
 Operator : UM/SJ
 Sample : H2418-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-1

Quant Time: Apr 15 12:34:09 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

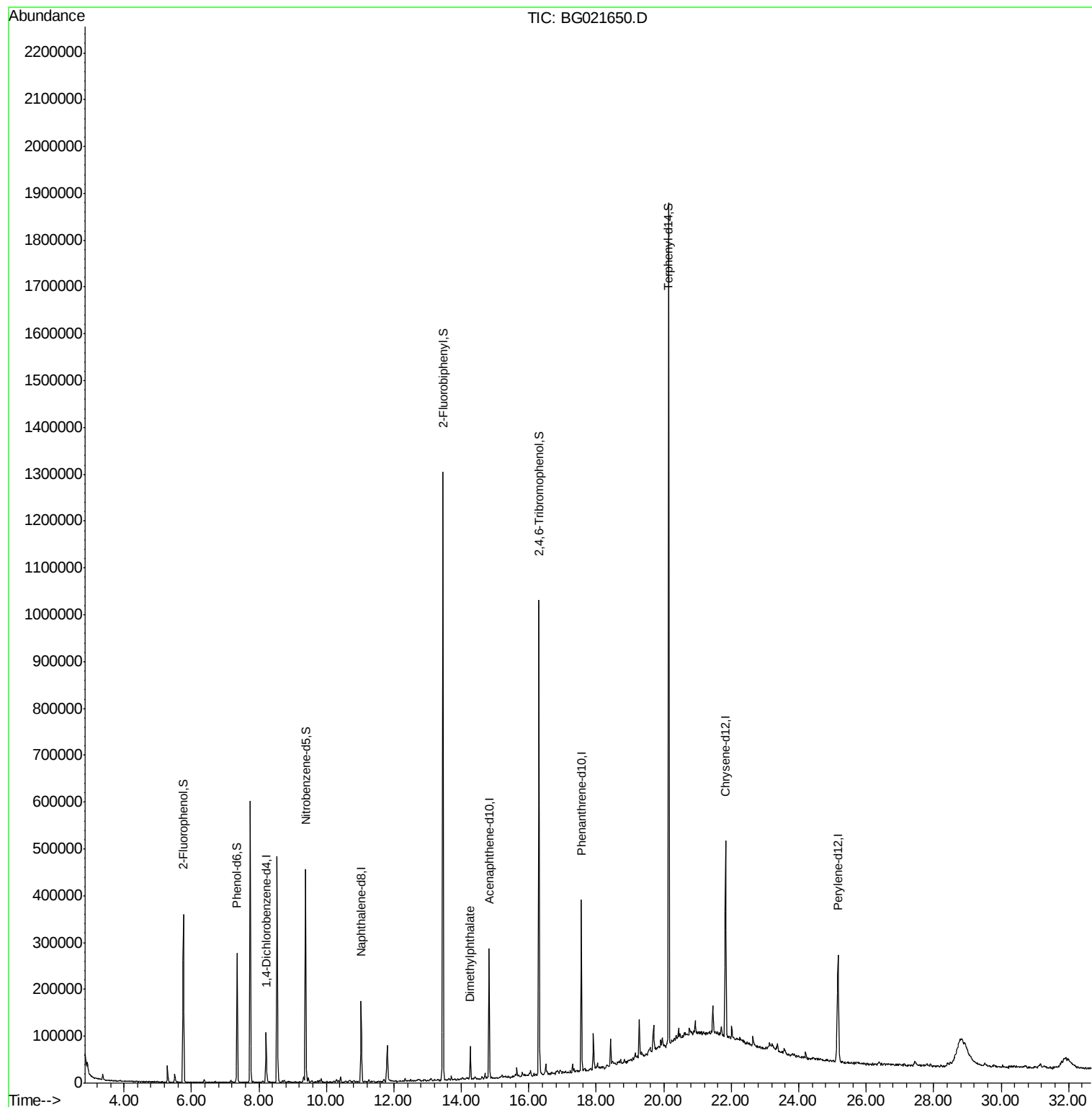
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	30351	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	144305	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	94910	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	224307	20.00	ng	0.00
75) Chrysene-d12	21.83	240	250241	20.00	ng	0.00
86) Perylene-d12	25.17	264	243868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	161412	88.56	ng	0.00
7) Phenol-d6	7.35	99	162346	59.63	ng	0.00
23) Nitrobenzene-d5	9.38	82	275591	98.16	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	176154	172.21	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	658484	101.65	ng	0.00
78) Terphenyl-d14	20.14	244	783505	78.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	46324	5.65	ng	Qvalue 99

(#) = 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# 915

Delta R.T. -0.00 min

Lab File: BG021650.D

Acq: 14 Apr 2016 13:20

Instrument :

BNA_G

ClientSampleId :

GMW-1

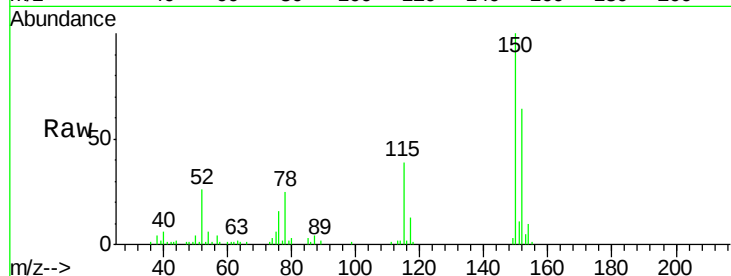
Tgt Ion:152 Resp: 30351

Ion Ratio Lower Upper

152 100

150 156.7 130.1 195.1

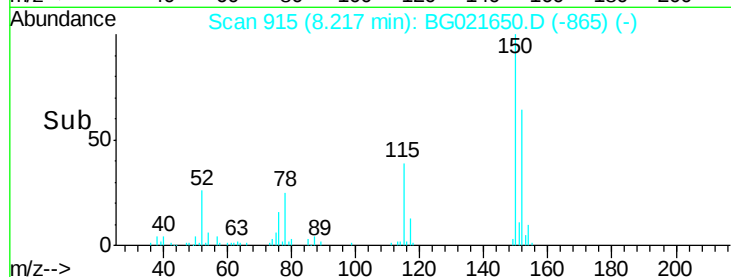
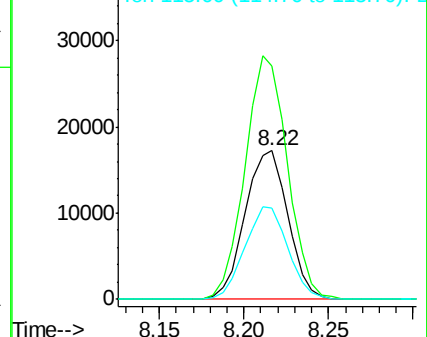
115 61.1 62.2 93.2#



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: 88.56 ng

RT: 5.76 min Scan# 497

Delta R.T. 0.00 min

Lab File: BG021650.D

Acq: 14 Apr 2016 13:20

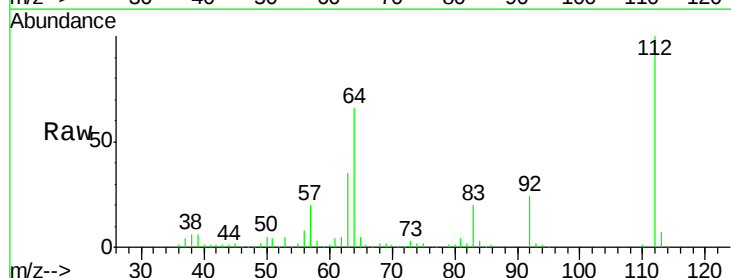
Tgt Ion:112 Resp: 161412

Ion Ratio Lower Upper

112 100

64 66.2 51.1 76.7

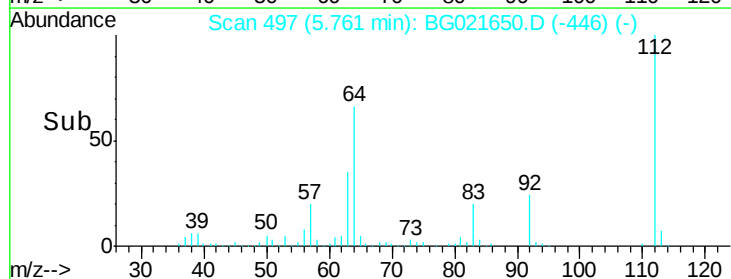
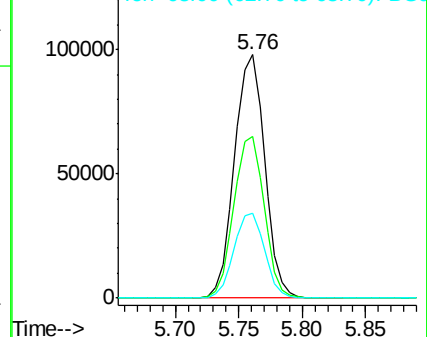
63 35.0 24.6 37.0

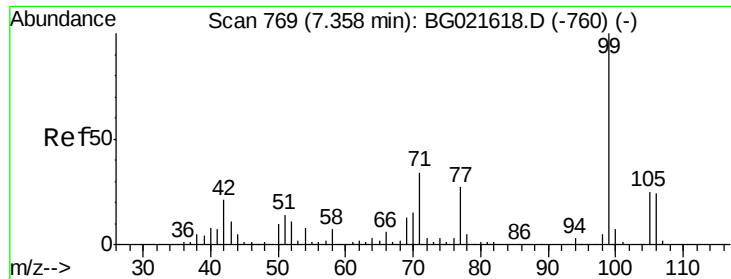


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 59.63 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG021650.D

Acq: 14 Apr 2016 13:20

Instrument :

BNA_G

ClientSampleId :

GMW-1

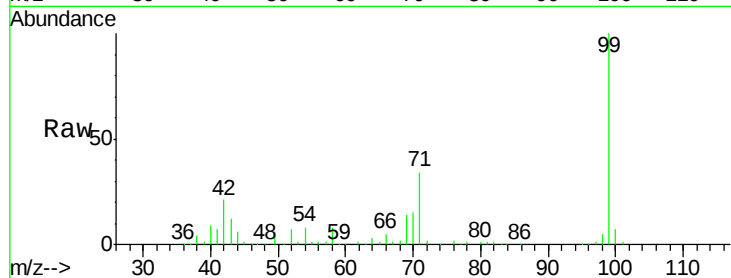
Tgt Ion: 99 Resp: 162346

Ion Ratio Lower Upper

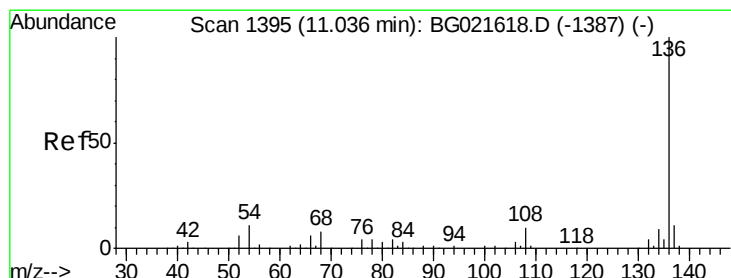
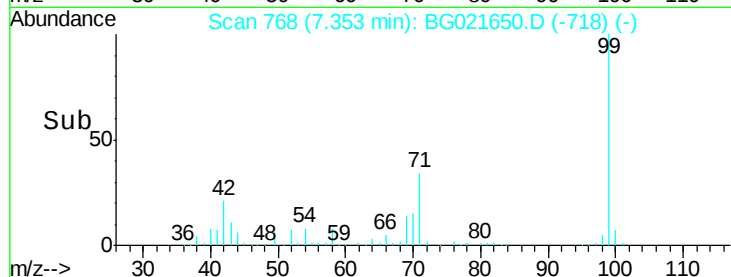
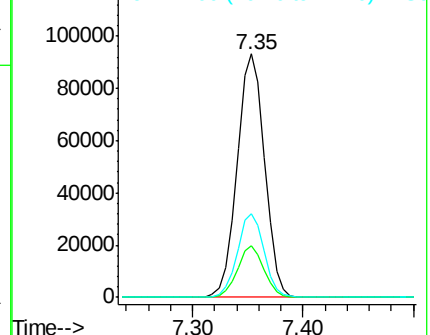
99 100

42 21.2 16.4 24.6

71 34.4 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: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG021650.D

Acq: 14 Apr 2016 13:20

Tgt Ion: 136 Resp: 144305

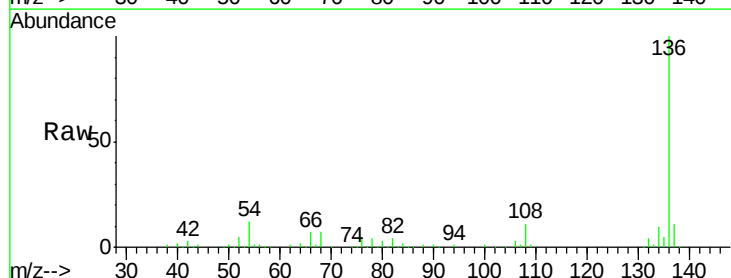
Ion Ratio Lower Upper

136 100

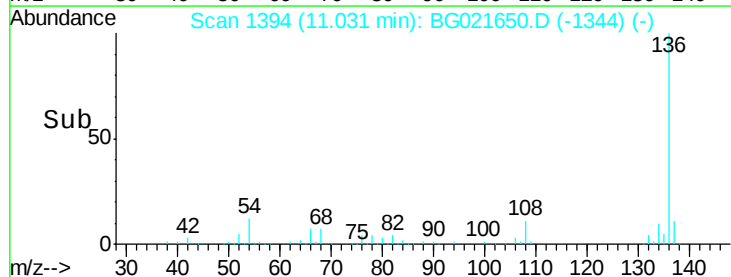
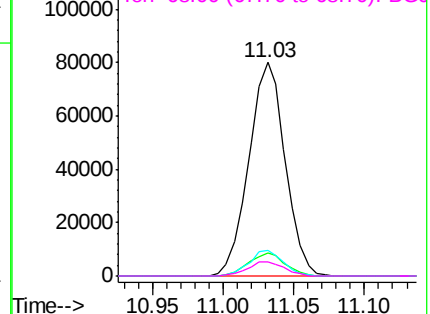
137 11.0 9.0 13.4

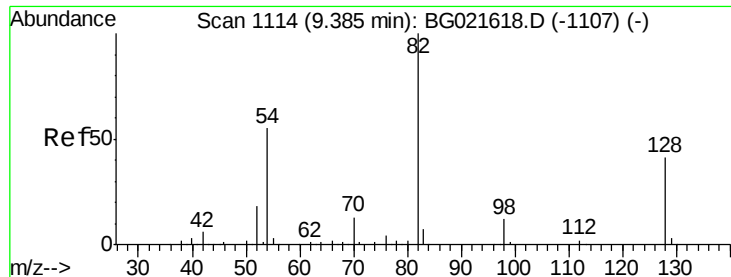
54 11.8 9.6 14.4

68 6.7 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

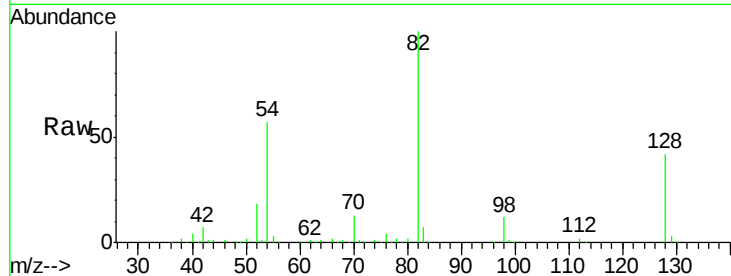




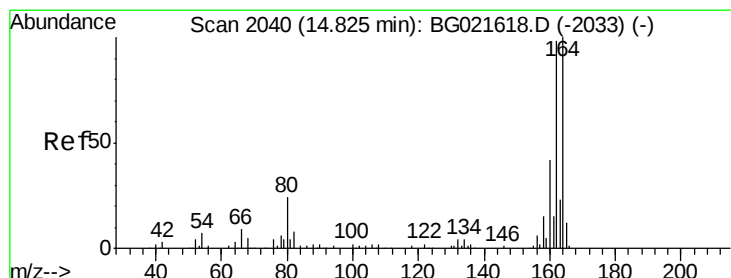
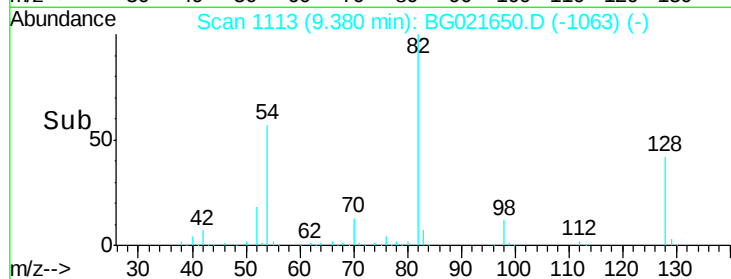
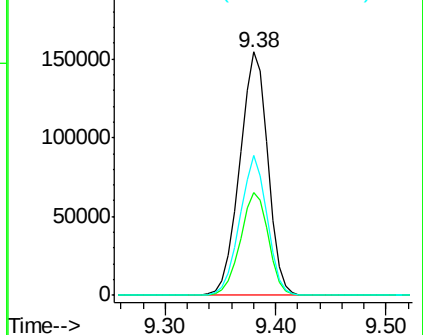
#23
 Nitrobenzene-d5
 Concen: 98.16 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BG021650.D
 Acq: 14 Apr 2016 13:20

Instrument :
 BNA_G
 ClientSampleId :
 GMW-1

Tgt Ion: 82 Resp: 275591
 Ion Ratio Lower Upper
 82 100
 128 42.1 33.4 50.0
 54 57.3 46.1 69.1

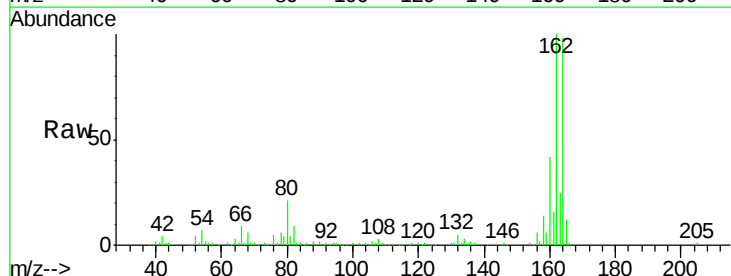


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

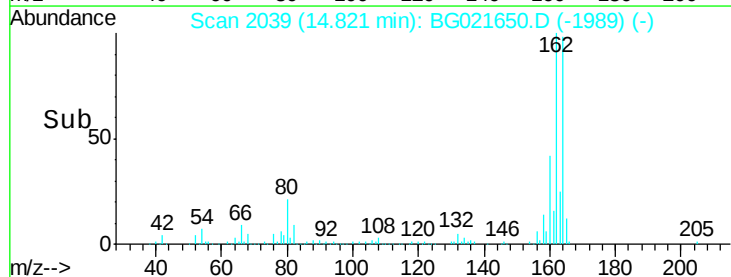
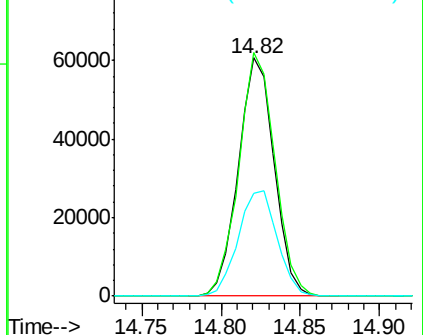


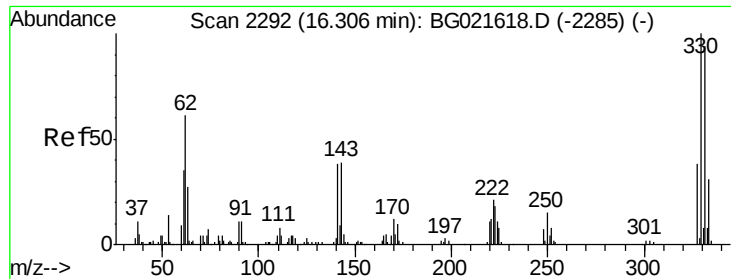
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BG021650.D
 Acq: 14 Apr 2016 13:20

Tgt Ion: 164 Resp: 94910
 Ion Ratio Lower Upper
 164 100
 162 102.1 78.0 117.0
 160 43.1 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: 172.21 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.00 min

Lab File: BG021650.D

Acq: 14 Apr 2016 13:20

Instrument :

BNA_G

ClientSampleId :

GMW-1

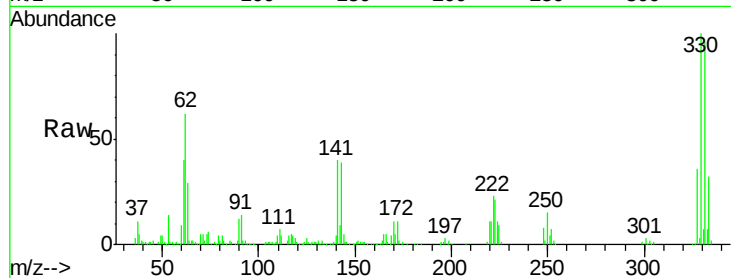
Tgt Ion:330 Resp: 176154

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

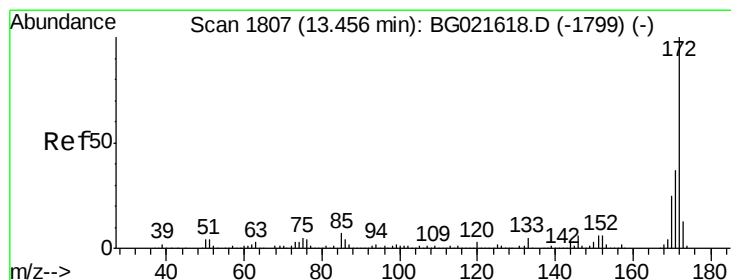
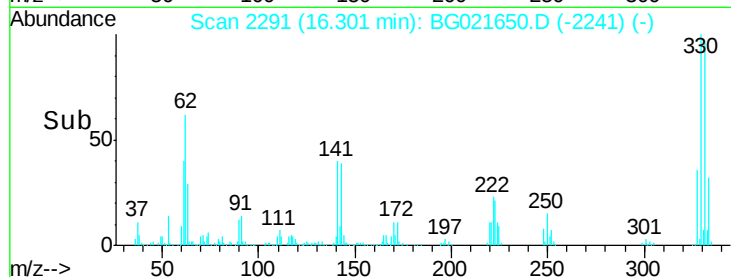
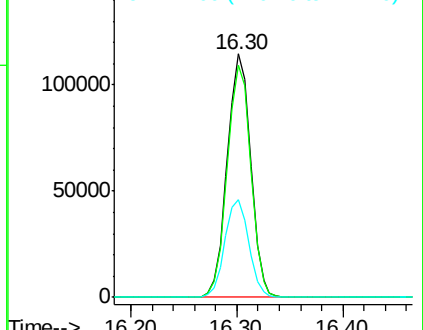
141 40.9 33.8 50.8



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: 101.65 ng

RT: 13.45 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BG021650.D

Acq: 14 Apr 2016 13:20

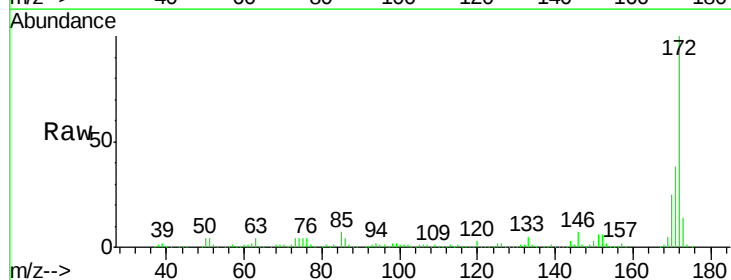
Tgt Ion:172 Resp: 658484

Ion Ratio Lower Upper

172 100

171 38.4 27.8 41.6

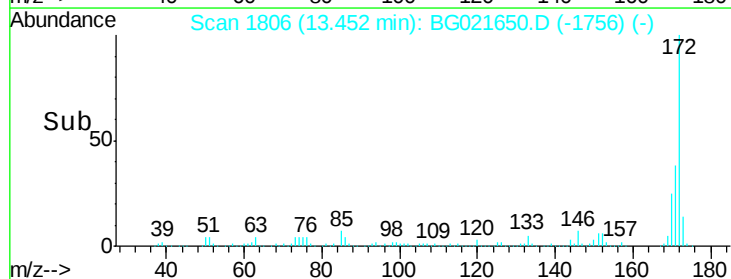
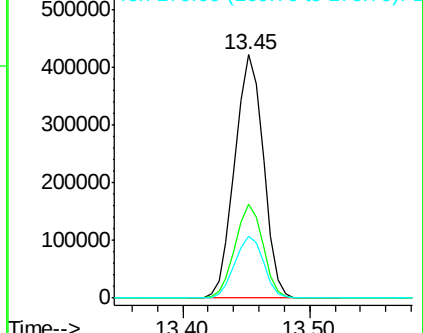
170 25.2 19.6 29.4

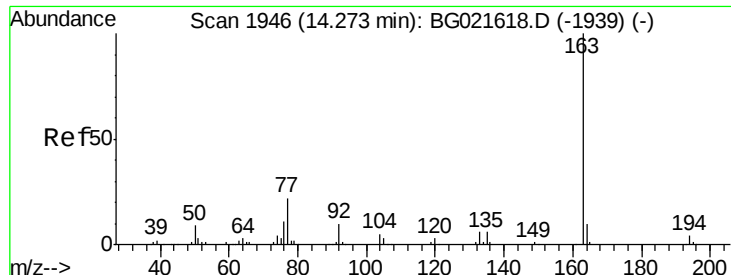


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.65 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021650.D

Acq: 14 Apr 2016 13:20

Instrument :

BNA_G

ClientSampleId :

GMW-1

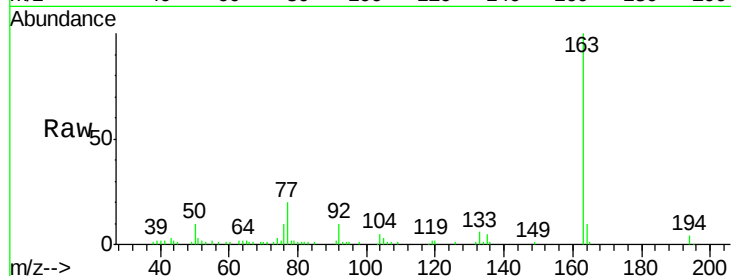
Tgt Ion:163 Resp: 46324

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

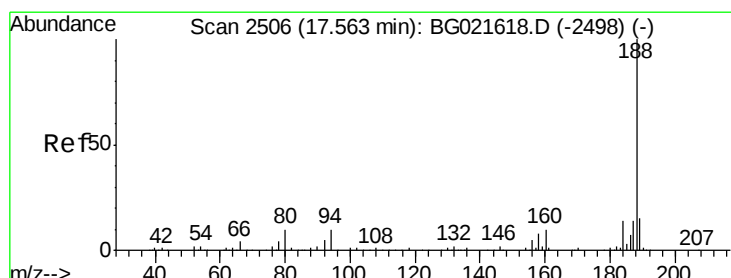
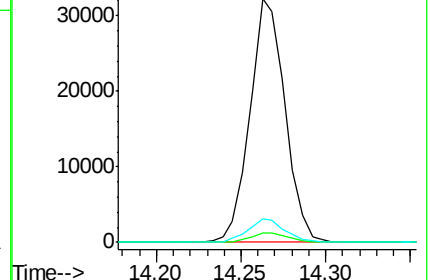
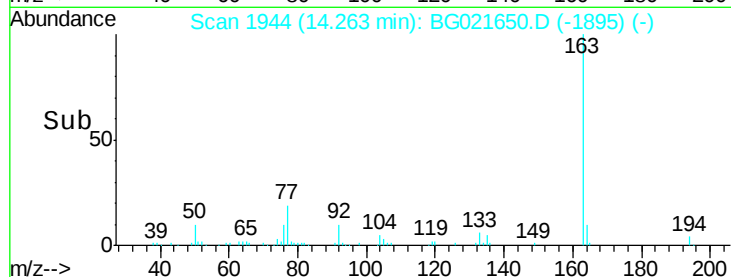
164 9.7 8.1 12.1



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. -0.00 min

Lab File: BG021650.D

Acq: 14 Apr 2016 13:20

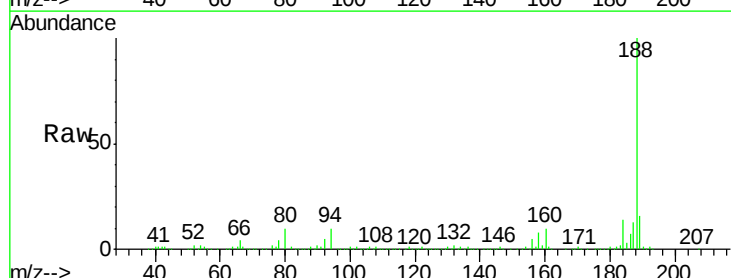
Tgt Ion:188 Resp: 224307

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

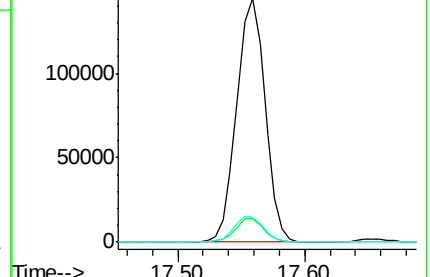
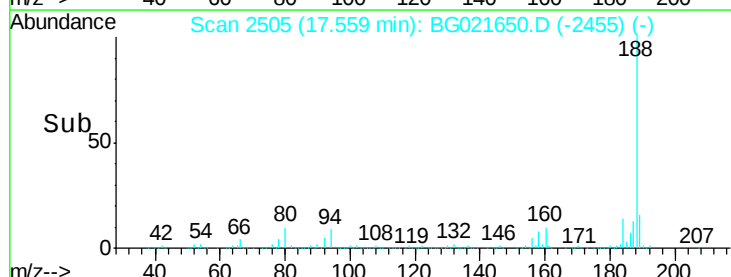
80 10.0 8.6 13.0

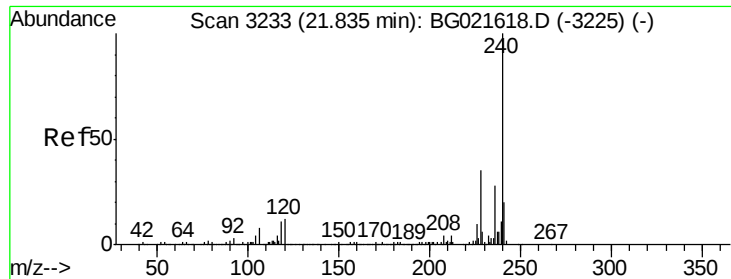


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

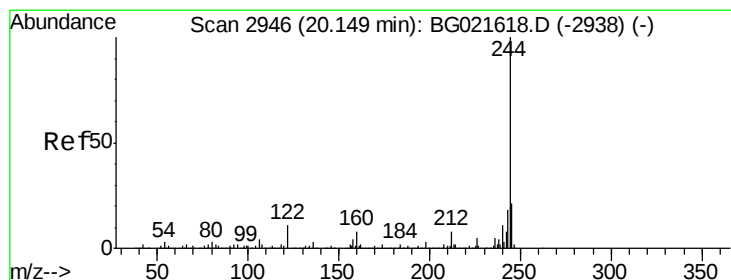
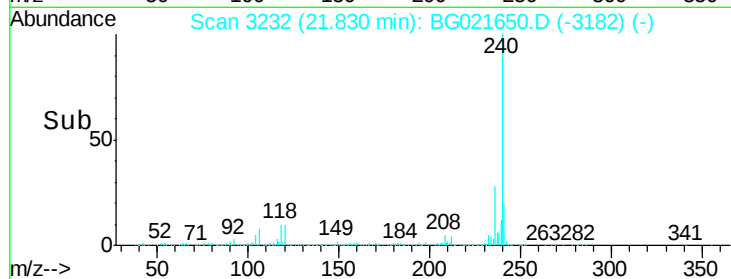
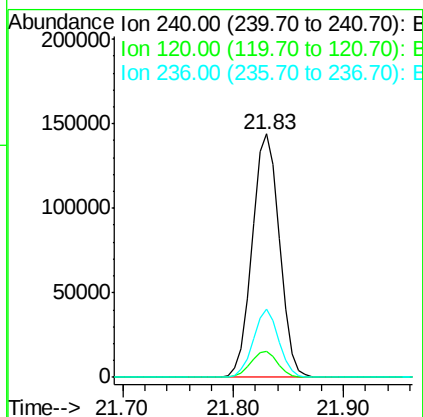
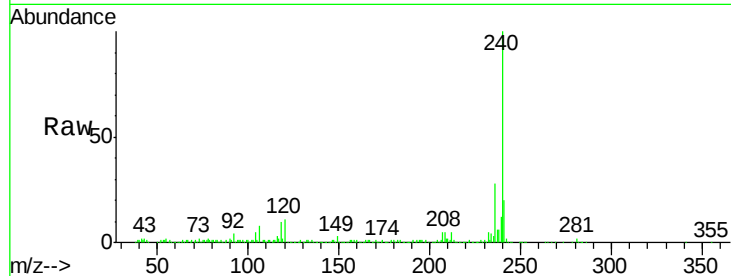




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BG021650.D
Acq: 14 Apr 2016 13:20

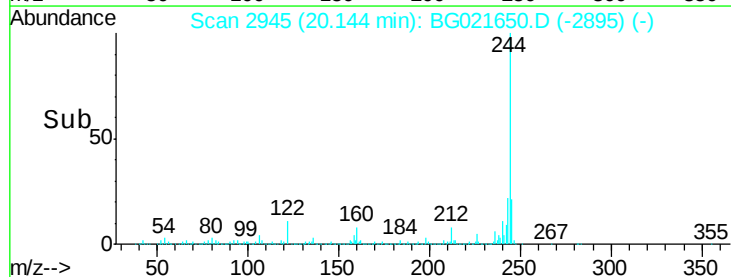
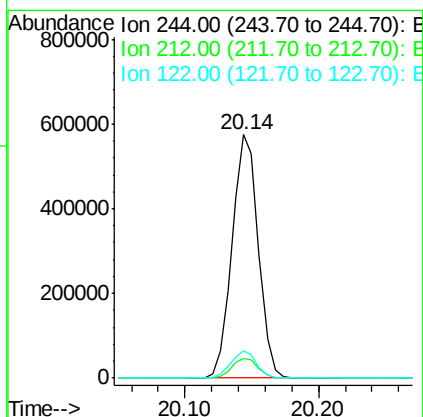
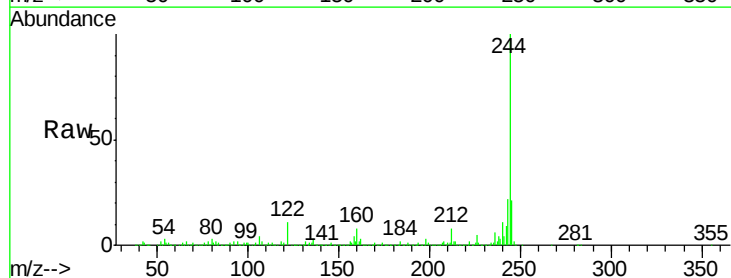
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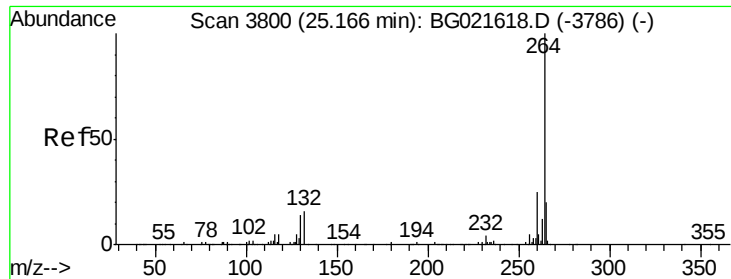
Tgt Ion:240 Resp: 250241
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 28.0 19.6 29.4



#78
Terphenyl-d14
Concen: 78.13 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BG021650.D
Acq: 14 Apr 2016 13:20

Tgt Ion:244 Resp: 783505
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 11.4 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3800
Delta R.T. 0.00 min
Lab File: BG021650.D
Acq: 14 Apr 2016 13:20

Instrument :
BNA_G
ClientSampleId :
GMW-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.2	30.4
265	20.1	17.8	26.8

