

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021651.D
 Acq On : 14 Apr 2016 13:59
 Operator : UM/SJ
 Sample : H2420-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R06-CS-1(0-18FT)

Quant Time: Apr 15 01:29:22 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

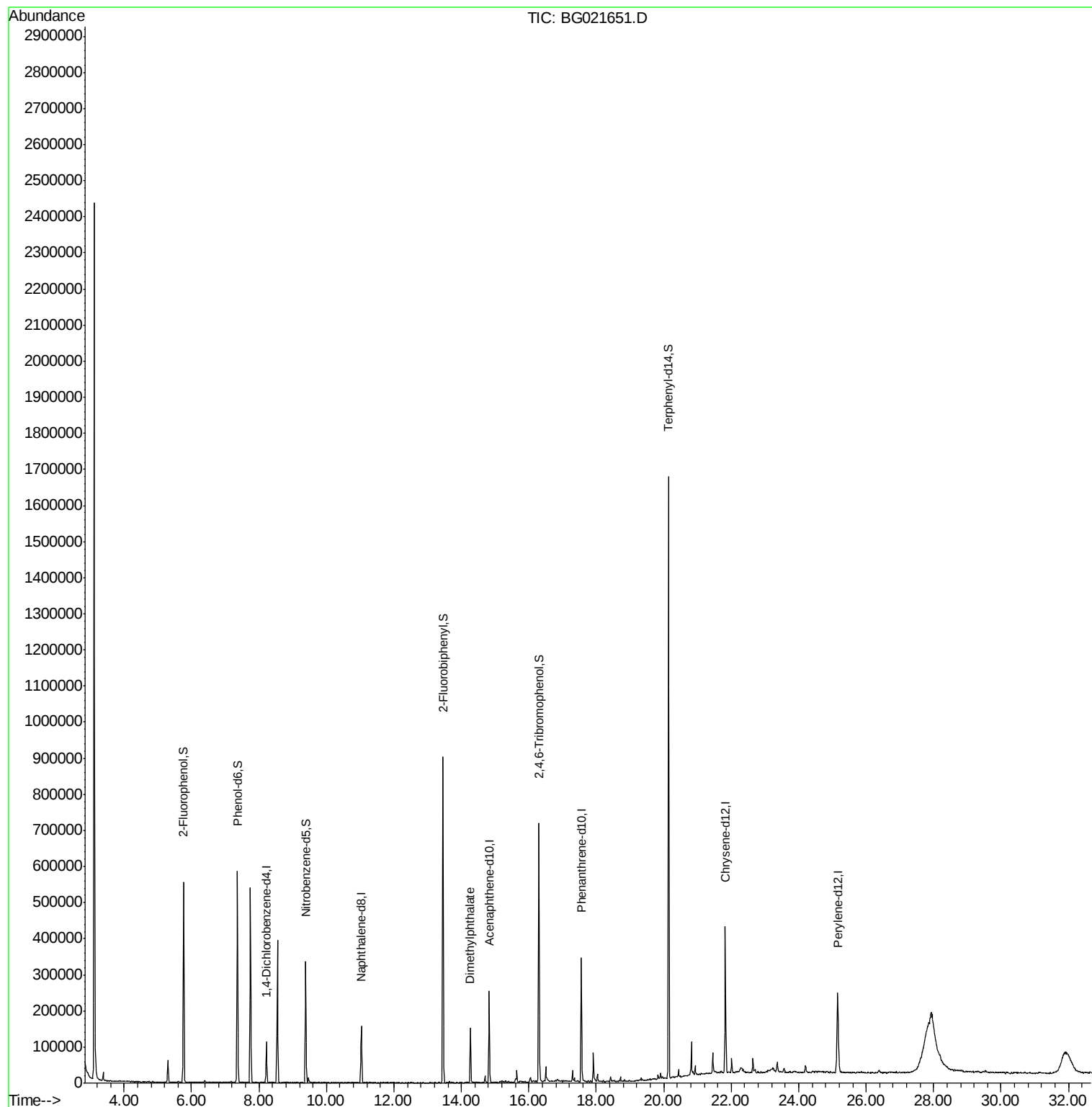
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30906	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	135080	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	85995	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	209811	20.00	ng	0.00
75) Chrysene-d12	21.83	240	245566	20.00	ng	0.00
86) Perylene-d12	25.15	264	239030	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	236614	127.49	ng	0.00
7) Phenol-d6	7.36	99	348494	125.71	ng	0.00
23) Nitrobenzene-d5	9.38	82	208374	79.29	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	125156	135.04	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	466142	79.42	ng	0.00
78) Terphenyl-d14	20.15	244	720692	73.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	98745	13.28	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: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021651.D

Acq: 14 Apr 2016 13:59

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-CS-1(0-18FT)

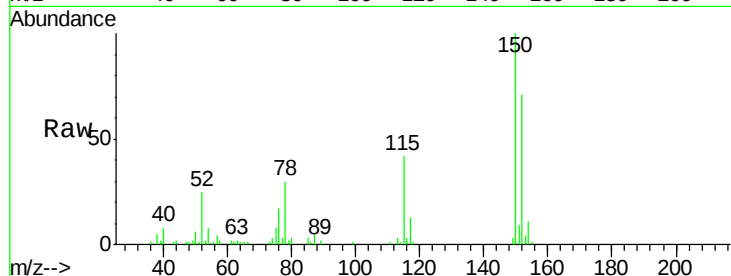
Tgt Ion:152 Resp: 30906

Ion Ratio Lower Upper

152 100

150 141.7 130.1 195.1

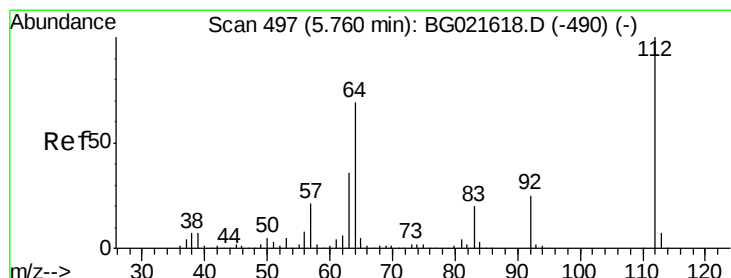
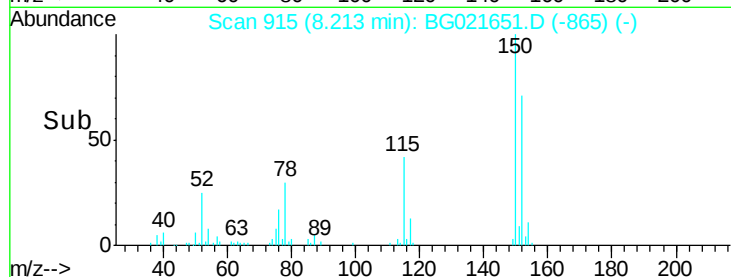
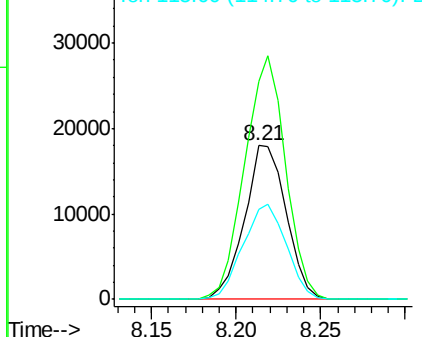
115 58.8 62.2 93.2#



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: 127.49 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG021651.D

Acq: 14 Apr 2016 13:59

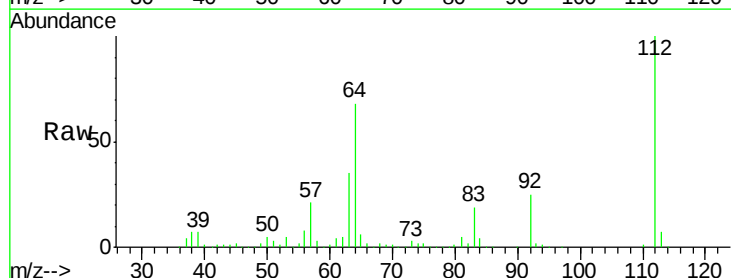
Tgt Ion:112 Resp: 236614

Ion Ratio Lower Upper

112 100

64 68.0 51.1 76.7

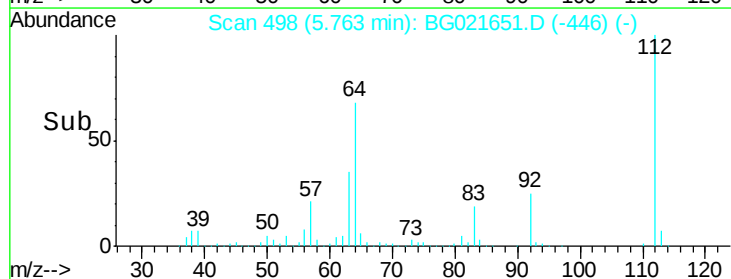
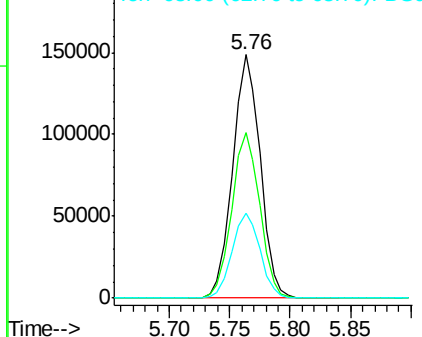
63 35.0 24.6 37.0

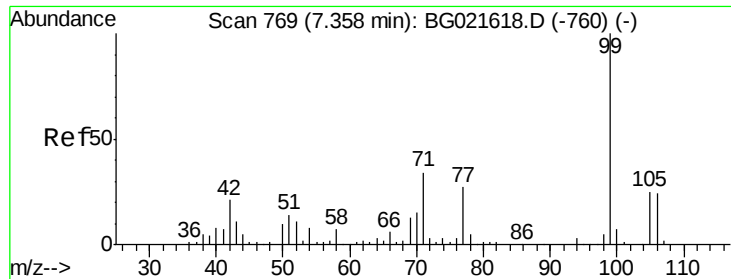


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 125.71 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021651.D

Acq: 14 Apr 2016 13:59

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-CS-1(0-18FT)

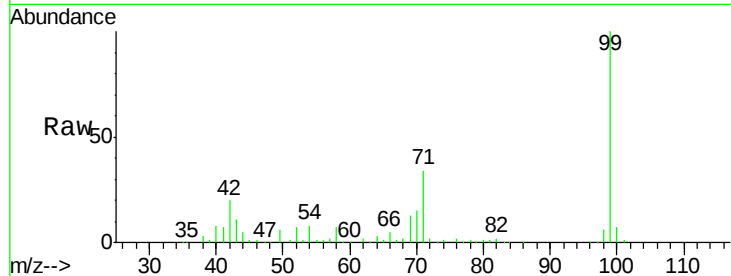
Tgt Ion: 99 Resp: 348494

Ion Ratio Lower Upper

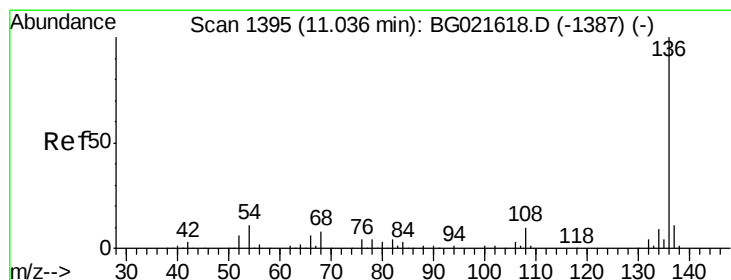
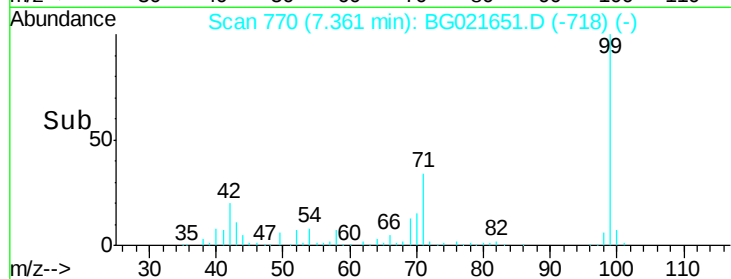
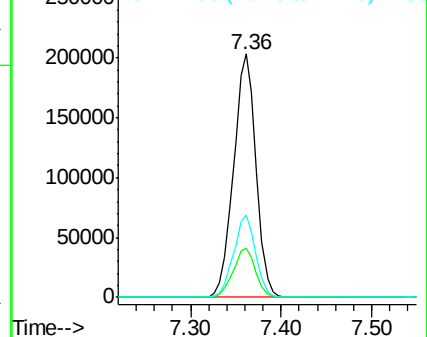
99 100

42 20.1 16.4 24.6

71 33.9 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# 1395

Delta R.T. -0.00 min

Lab File: BG021651.D

Acq: 14 Apr 2016 13:59

Tgt Ion: 136 Resp: 135080

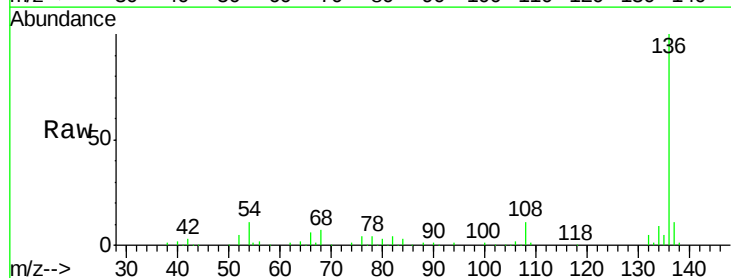
Ion Ratio Lower Upper

136 100

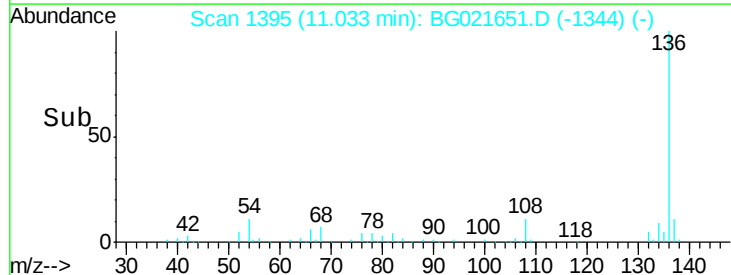
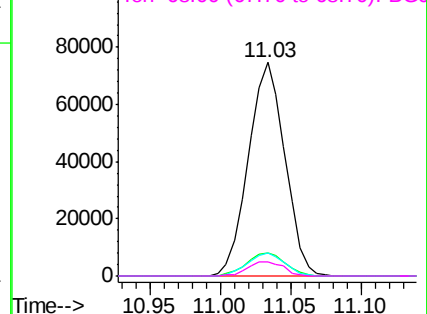
137 10.6 9.0 13.4

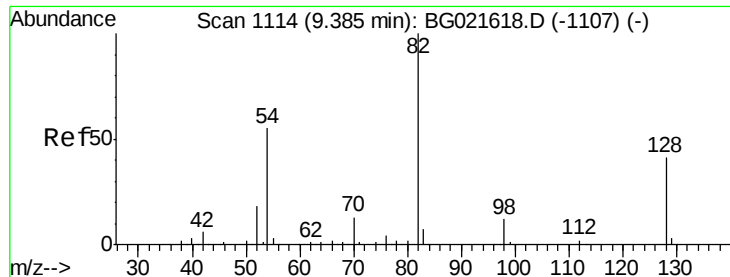
54 11.6 9.6 14.4

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: 79.29 ng

RT: 9.38 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BG021651.D

Acq: 14 Apr 2016 13:59

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-CS-1(0-18FT)

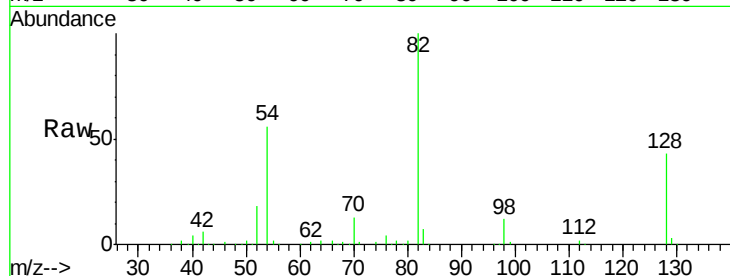
Tgt Ion: 82 Resp: 208374

Ion Ratio Lower Upper

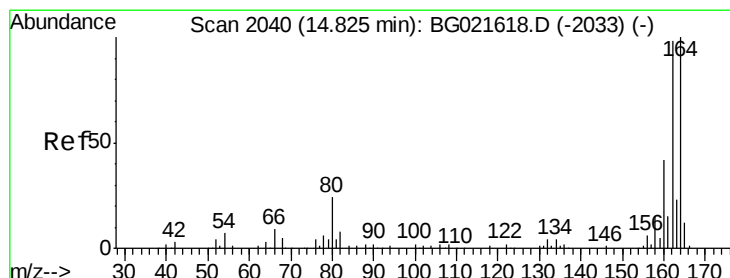
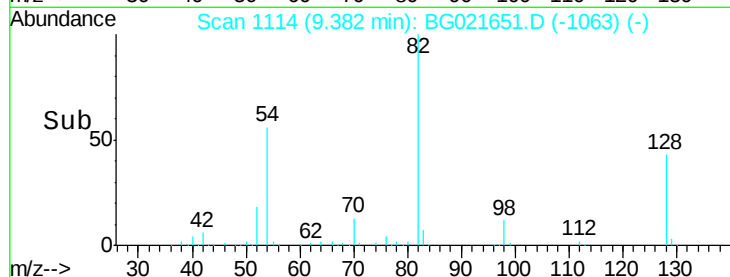
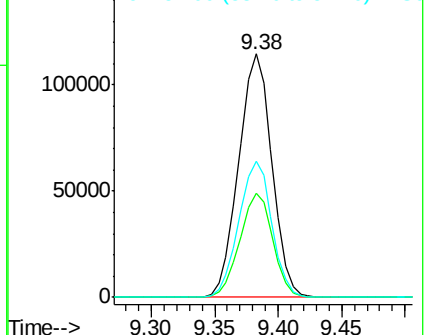
82 100

128 42.8 33.4 50.0

54 56.1 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# 2040

Delta R.T. -0.00 min

Lab File: BG021651.D

Acq: 14 Apr 2016 13:59

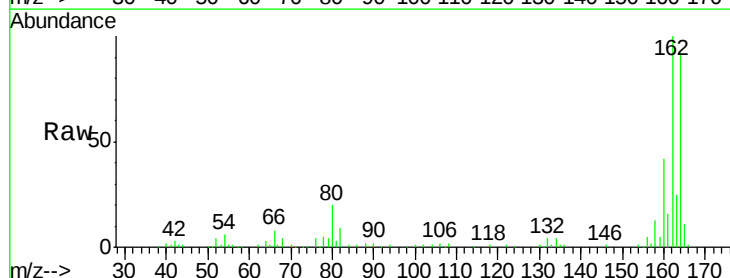
Tgt Ion: 164 Resp: 85995

Ion Ratio Lower Upper

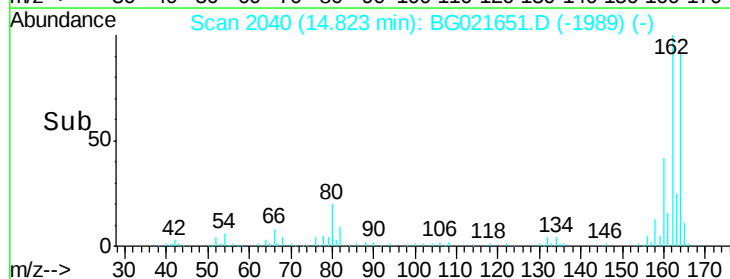
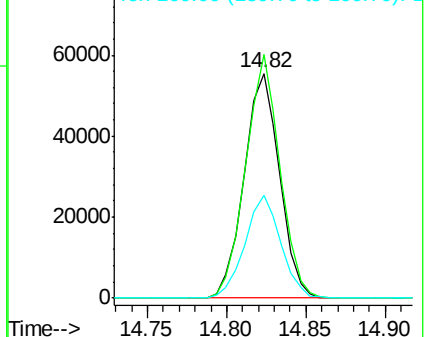
164 100

162 108.3 78.0 117.0

160 45.6 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

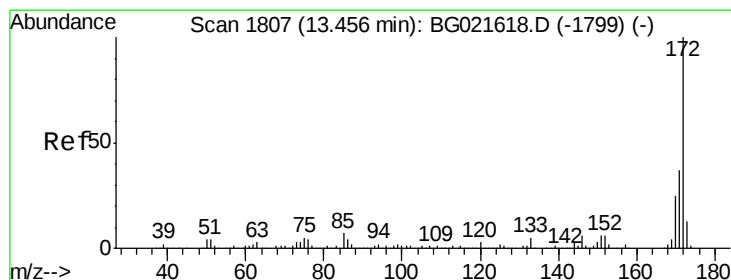
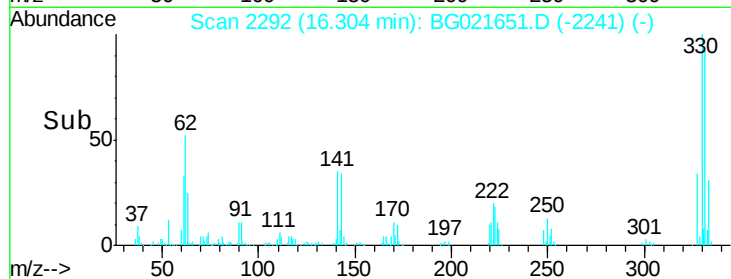
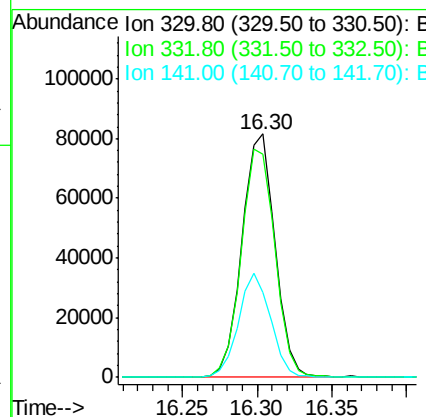
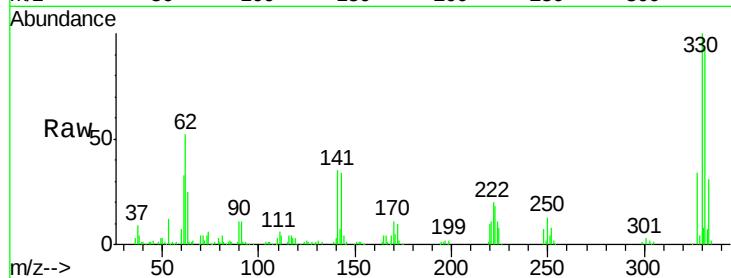




#41
 2,4,6-Tribromophenol
 Concen: 135.04 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021651.D
 Acq: 14 Apr 2016 13:59

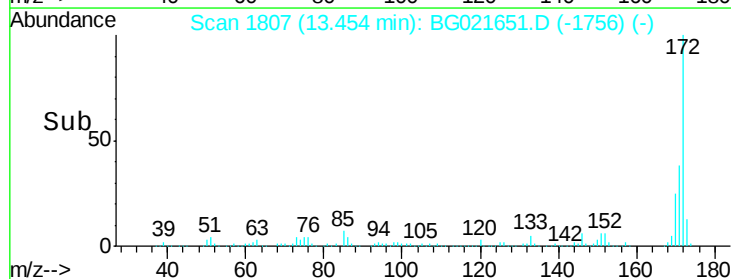
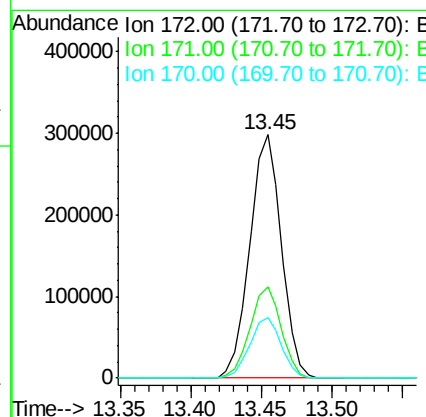
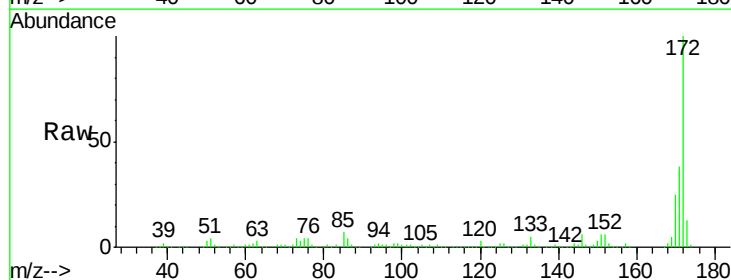
Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R06-CS-1(0-18FT)

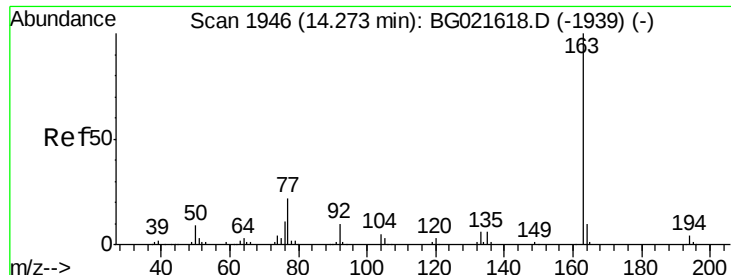
Tgt Ion:330 Resp: 125156
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.0 117.0
 141 41.7 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 79.42 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021651.D
 Acq: 14 Apr 2016 13:59

Tgt Ion:172 Resp: 466142
 Ion Ratio Lower Upper
 172 100
 171 37.6 27.8 41.6
 170 25.0 19.6 29.4





#49

Dimethylphthalate

Concen: 13.28 ng

RT: 14.26 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021651.D

Acq: 14 Apr 2016 13:59

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-CS-1(0-18FT)

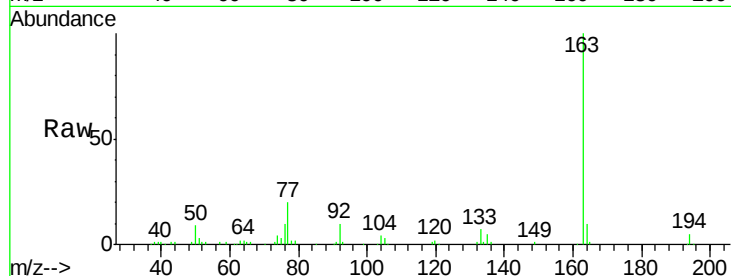
Tgt Ion:163 Resp: 98745

Ion Ratio Lower Upper

163 100

194 4.6 3.0 4.6#

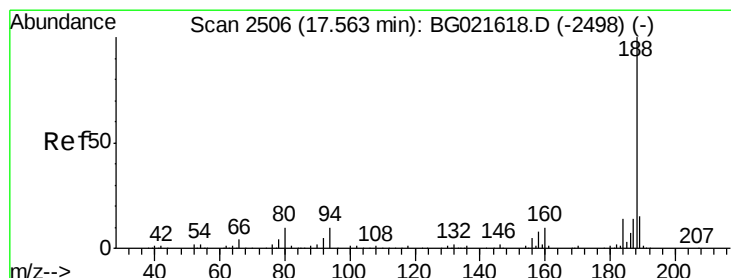
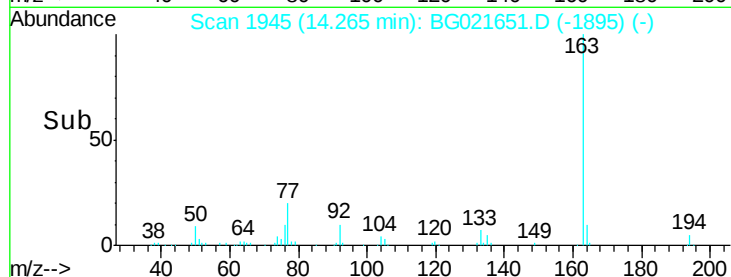
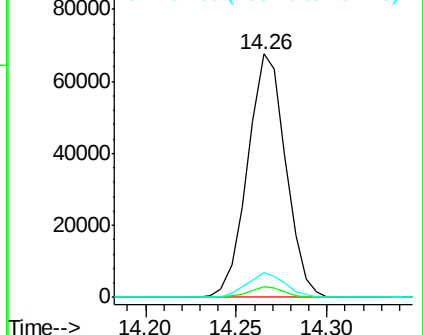
164 10.3 8.1 12.1



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: BG021651.D

Acq: 14 Apr 2016 13:59

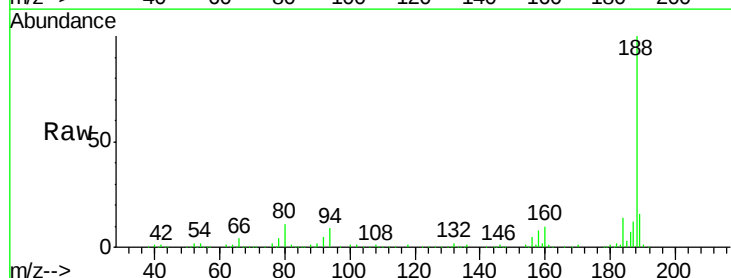
Tgt Ion:188 Resp: 209811

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

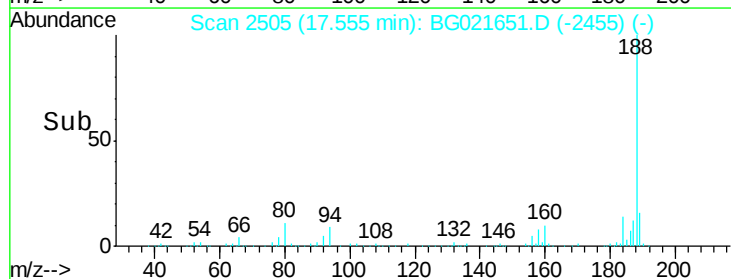
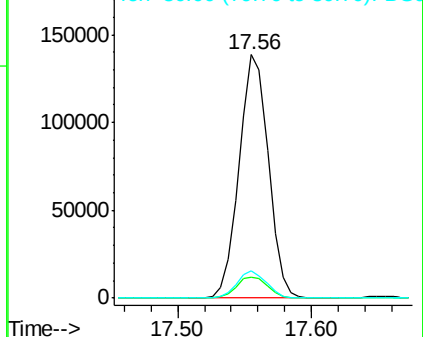
80 11.4 8.6 13.0

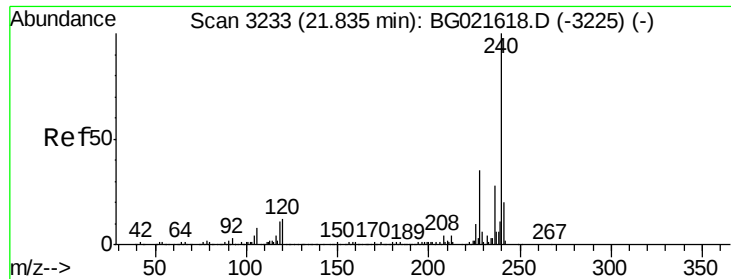


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG021651.D

Acq: 14 Apr 2016 13:59

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-CS-1(0-18FT)

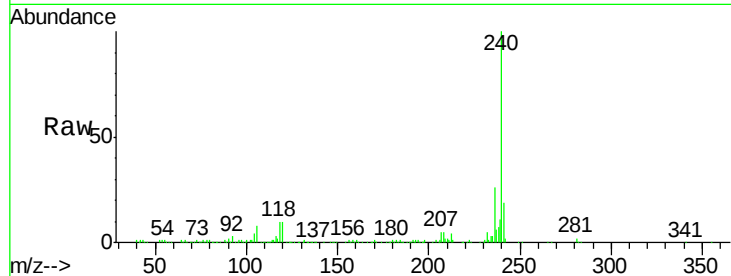
Tgt Ion:240 Resp: 245566

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

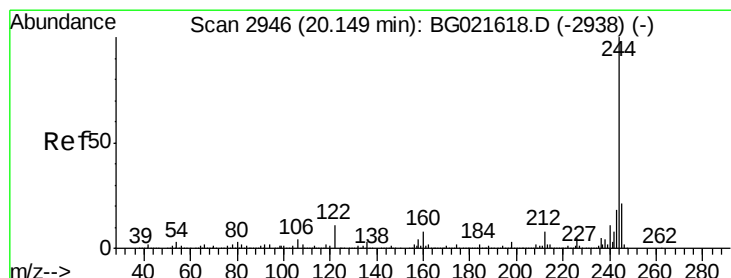
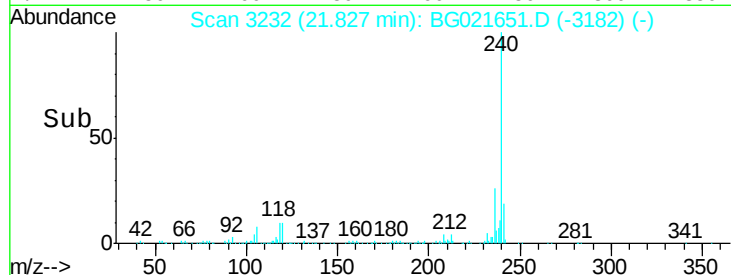
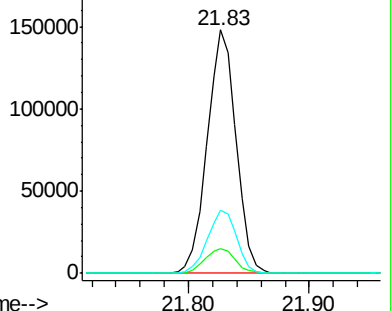
236 26.0 19.6 29.4



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: 73.23 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG021651.D

Acq: 14 Apr 2016 13:59

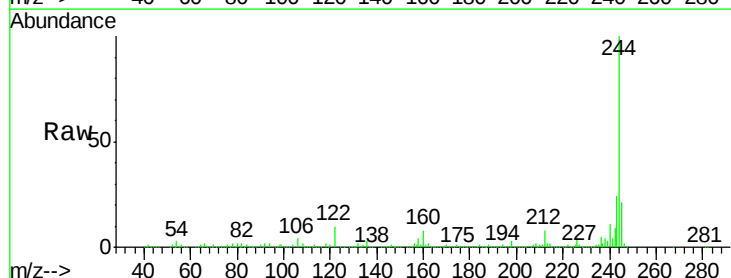
Tgt Ion:244 Resp: 720692

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

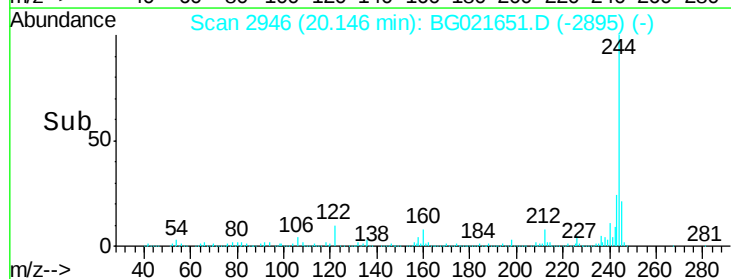
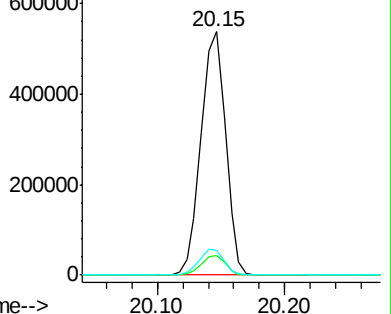
122 10.2 8.6 12.8

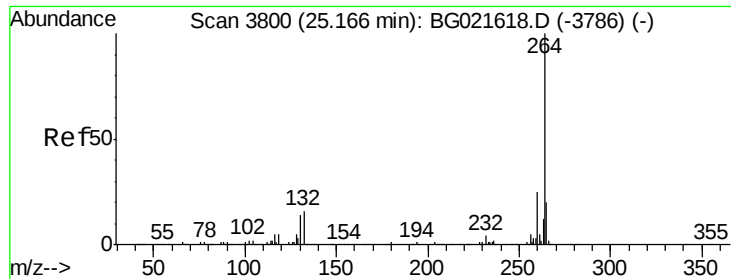


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.15 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG021651.D
Acq: 14 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-CS-1(0-18FT)

Tgt Ion: 264 Resp: 239030
Ion Ratio Lower Upper
264 100
260 25.2 20.2 30.4
265 21.0 17.8 26.8

