

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021715.D
 Acq On : 16 Apr 2016 13:22
 Operator : UM/SJ
 Sample : H2559-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-09-CS-2(0-8FTBGS)

Quant Time: Apr 18 01:15:57 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

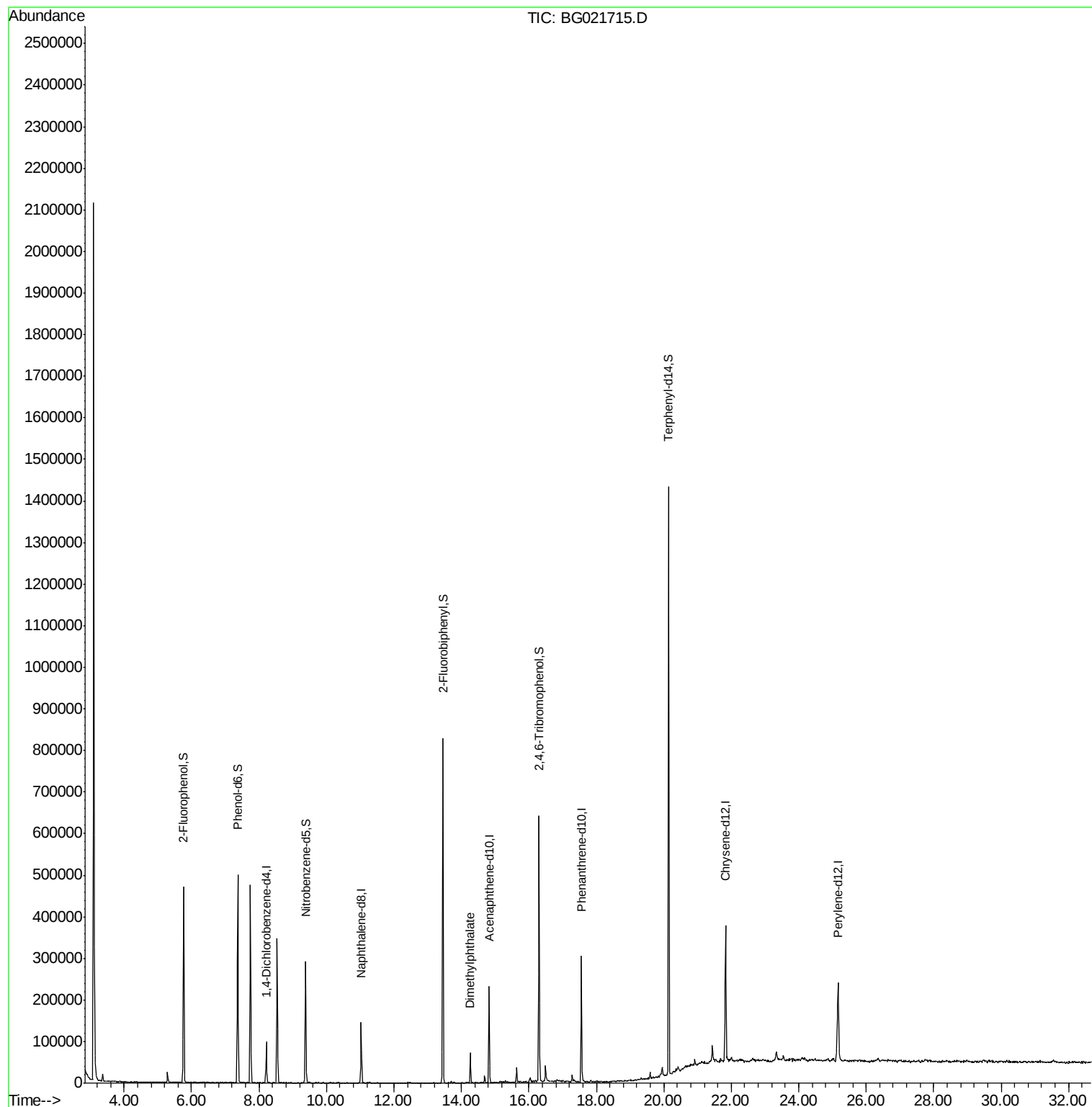
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	28185	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	125667	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	81458	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	187538	20.00	ng	0.00
75) Chrysene-d12	21.83	240	198196	20.00	ng	0.00
86) Perylene-d12	25.17	264	196403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	202290	119.52	ng	0.00
7) Phenol-d6	7.37	99	299062	118.29	ng	0.01
23) Nitrobenzene-d5	9.39	82	185926	76.05	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	117877	134.27	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	429595	77.27	ng	0.00
78) Terphenyl-d14	20.14	244	589821	74.26	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	47188	6.70	ng	Qvalue # 97

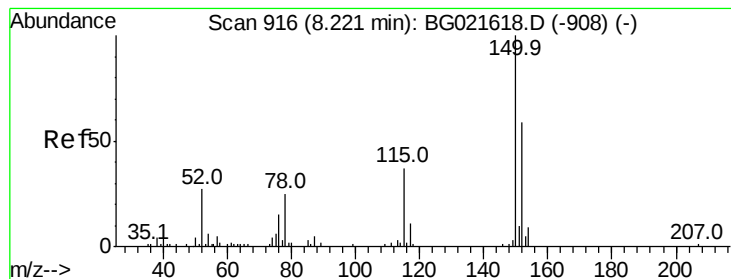
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021715.D

Acq: 16 Apr 2016 13:22

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-2(0-8FTBGS)

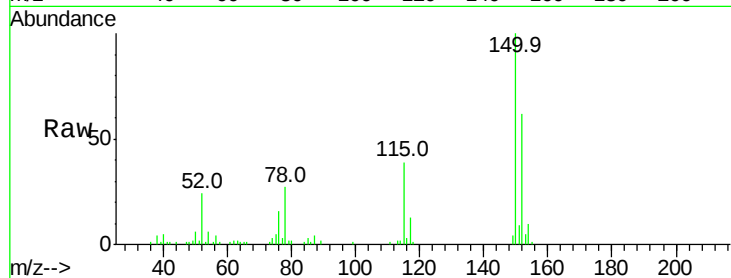
Tot Ion:152 Resp: 28185

Ion Ratio Lower Upper

152 100

150 160.1 130.1 195.1

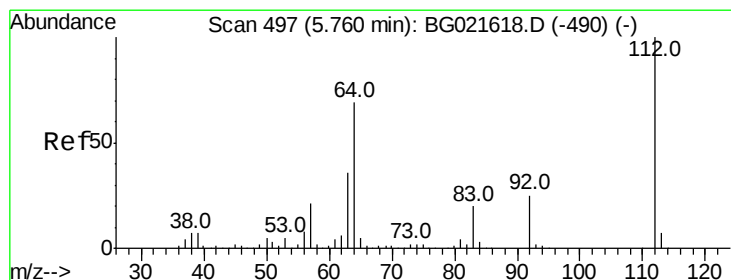
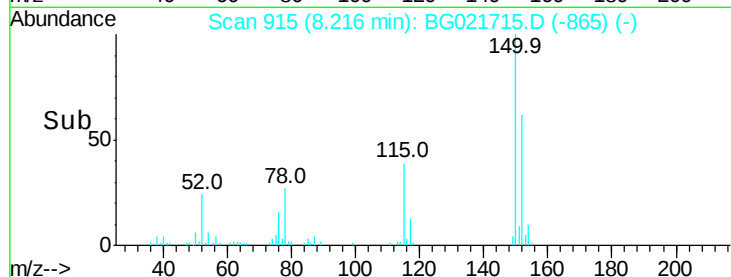
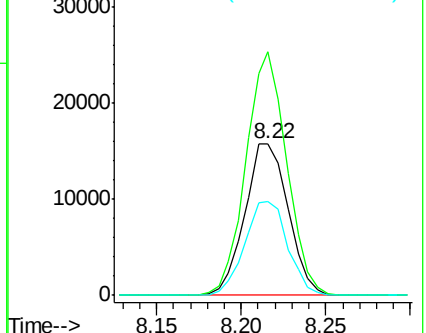
115 61.9 62.2 93.2#



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: 119.52 ng

RT: 5.77 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021715.D

Acq: 16 Apr 2016 13:22

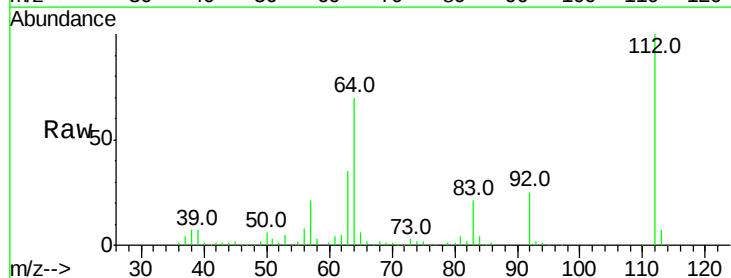
Tgt Ion:112 Resp: 202290

Ion Ratio Lower Upper

112 100

64 69.8 51.1 76.7

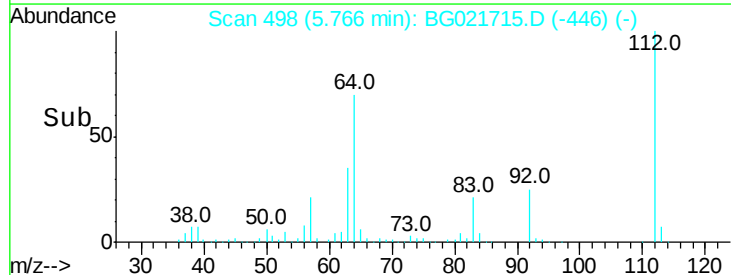
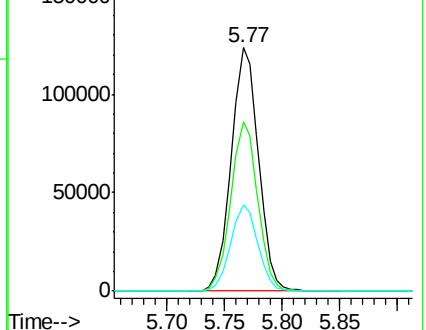
63 35.3 24.6 37.0

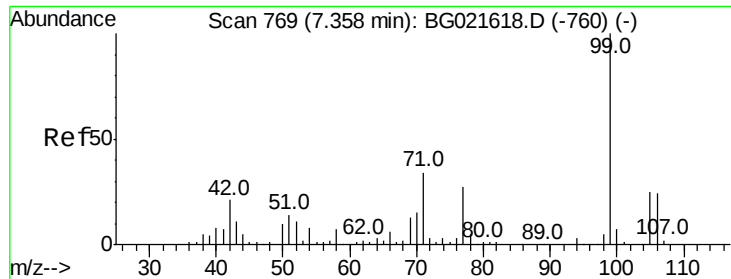


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.29 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021715.D

Acq: 16 Apr 2016 13:22

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-2(0-8FTBGS)

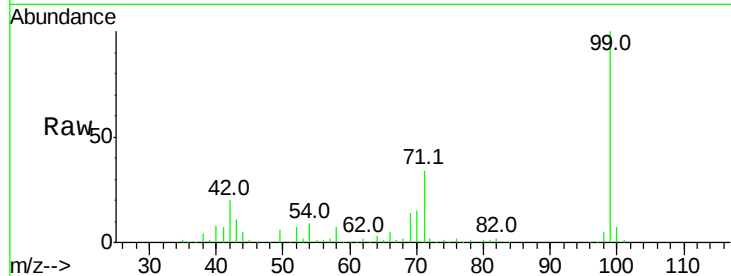
Tot Ion: 99 Resp: 299062

Ion Ratio Lower Upper

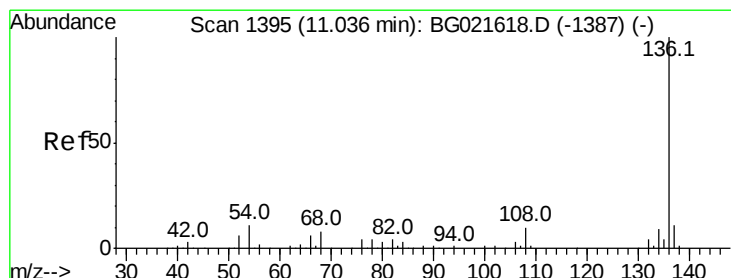
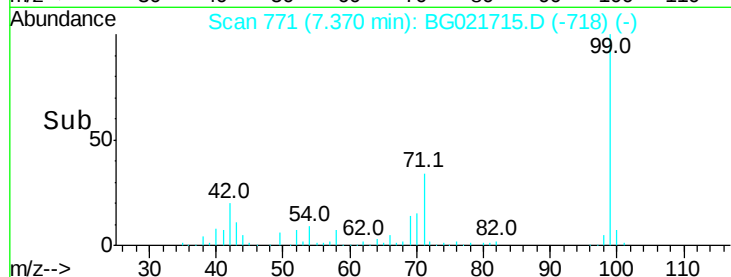
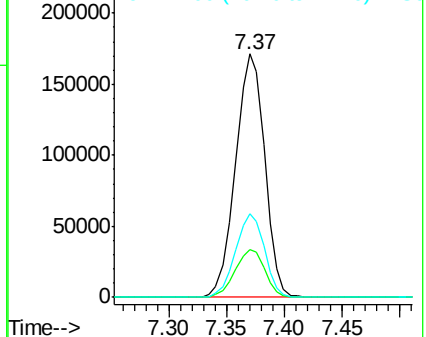
99 100

42 19.6 16.4 24.6

71 34.3 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: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021715.D

Acq: 16 Apr 2016 13:22

Tgt Ion: 136 Resp: 125667

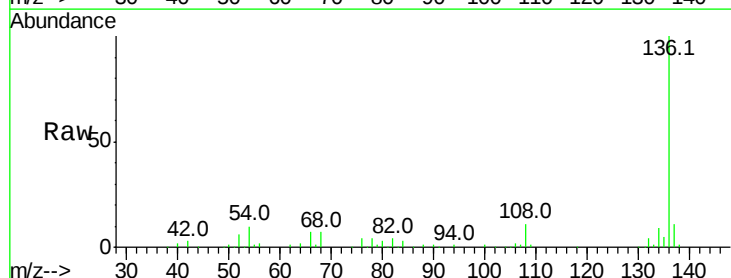
Ion Ratio Lower Upper

136 100

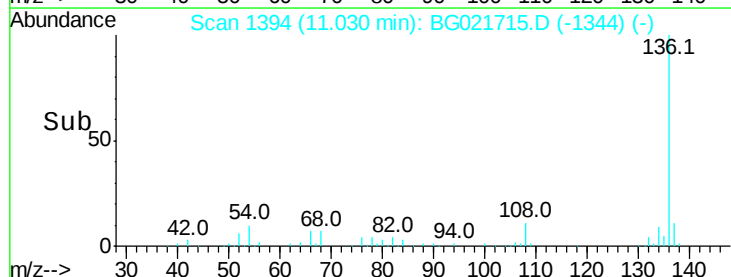
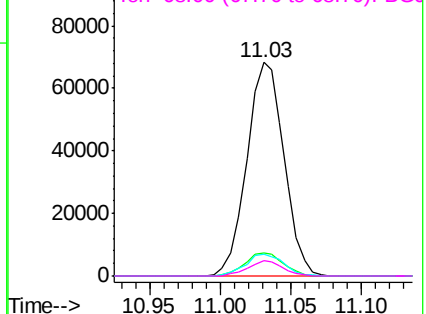
137 10.9 9.0 13.4

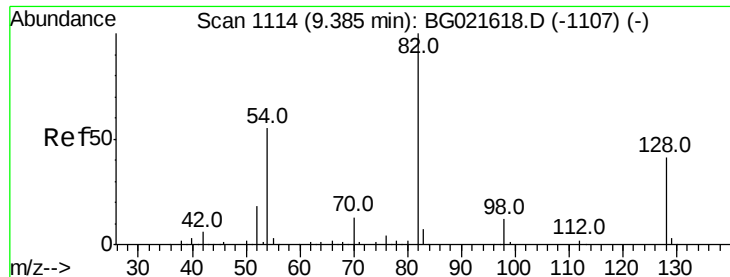
54 10.4 9.6 14.4

68 7.0 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: 76.05 ng

RT: 9.39 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BG021715.D

Acq: 16 Apr 2016 13:22

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-2(0-8FTBGS)

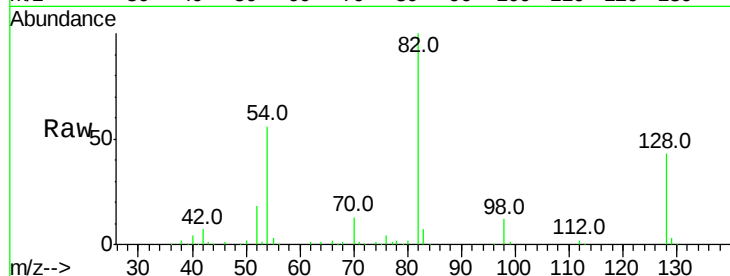
Tot Ion: 82 Resp: 185926

Ion Ratio Lower Upper

82 100

128 42.7 33.4 50.0

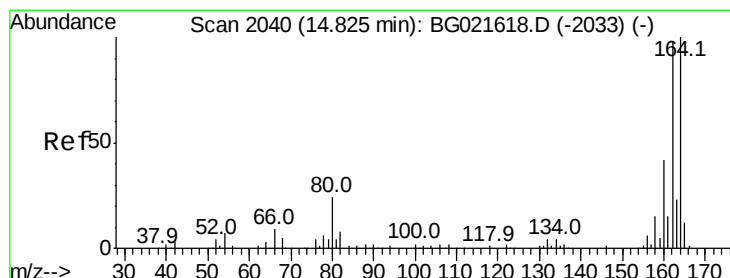
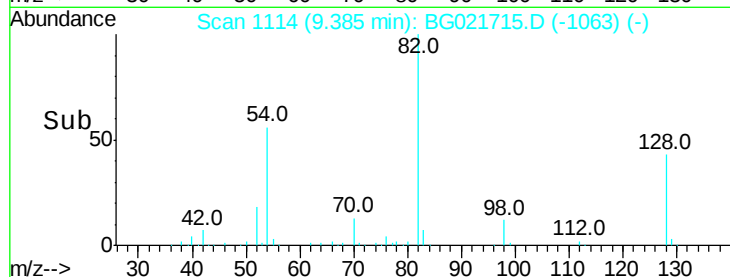
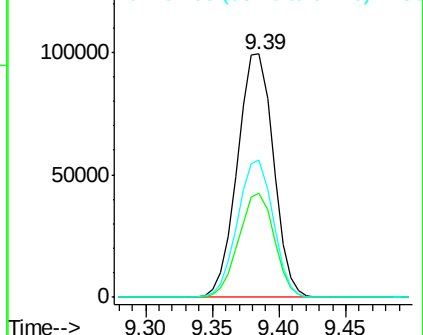
54 56.4 46.1 69.1



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: BG021715.D

Acq: 16 Apr 2016 13:22

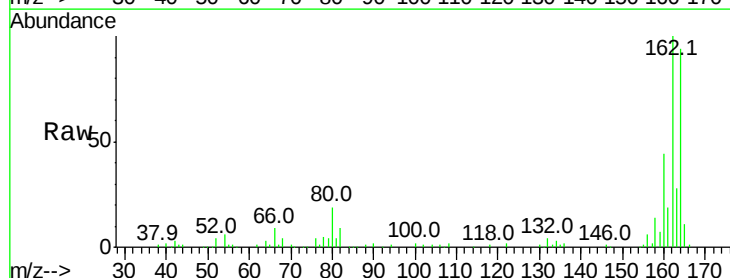
Tgt Ion:164 Resp: 81458

Ion Ratio Lower Upper

164 100

162 106.7 78.0 117.0

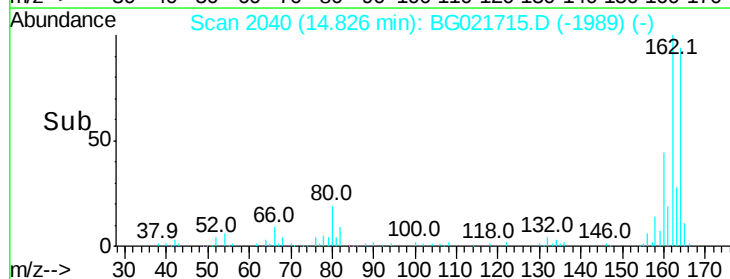
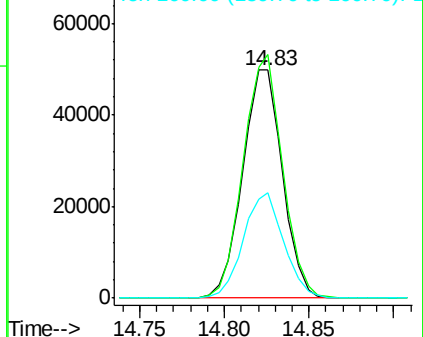
160 46.5 32.9 49.3

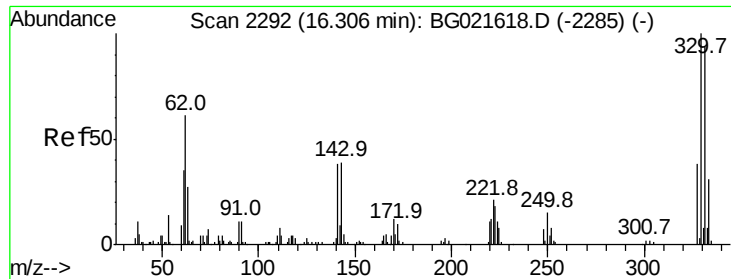


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 134.27 ng

RT: 16.31 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BG021715.D

Acq: 16 Apr 2016 13:22

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-2(0-8FTBGS)

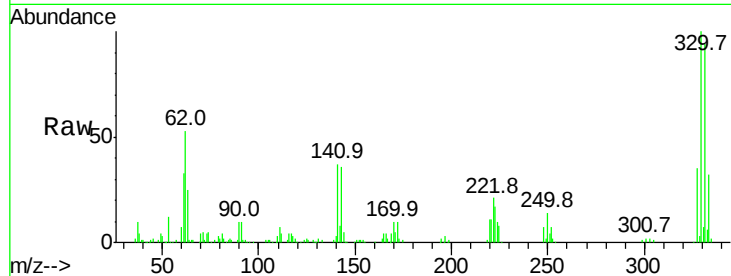
Tot Ion:330 Resp: 117877

Ion Ratio Lower Upper

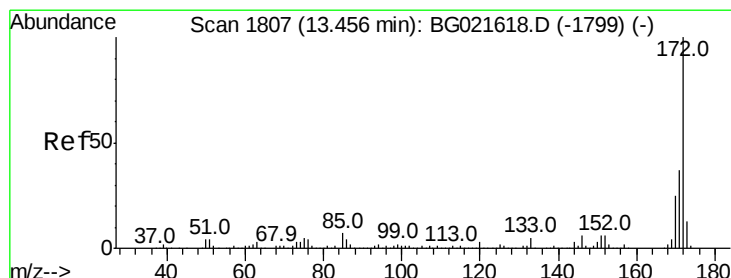
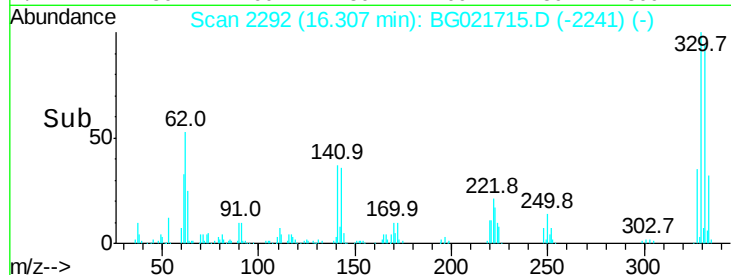
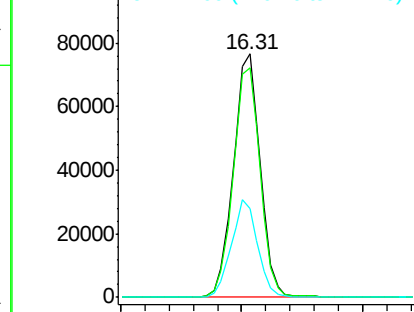
330 100

332 95.4 78.0 117.0

141 39.2 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: 77.27 ng

RT: 13.45 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BG021715.D

Acq: 16 Apr 2016 13:22

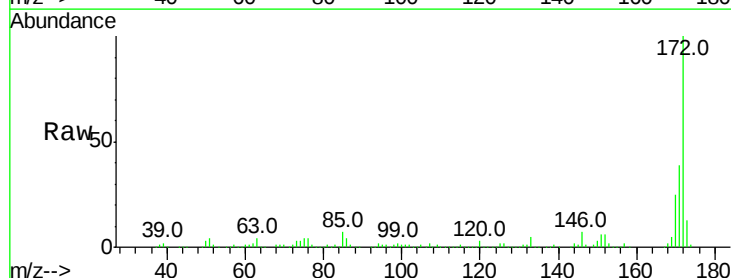
Tgt Ion:172 Resp: 429595

Ion Ratio Lower Upper

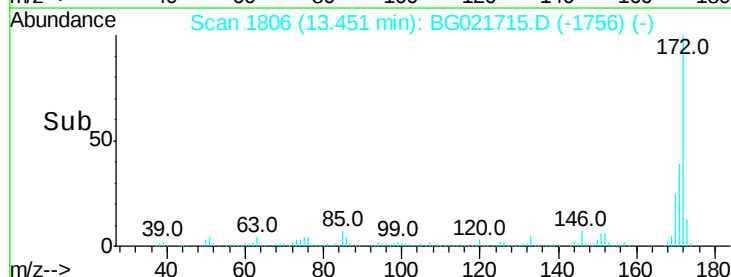
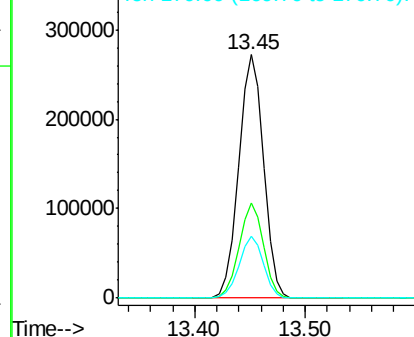
172 100

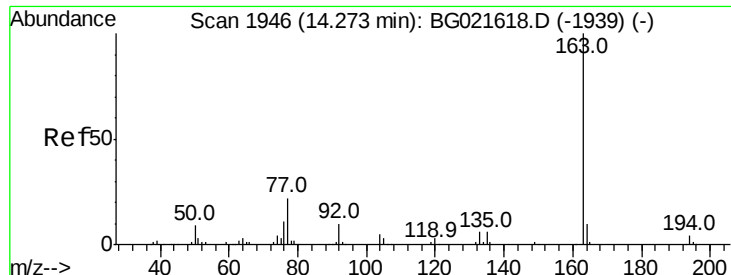
171 38.9 27.8 41.6

170 25.4 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: 6.70 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021715.D

Acq: 16 Apr 2016 13:22

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-2(0-8FTBGS)

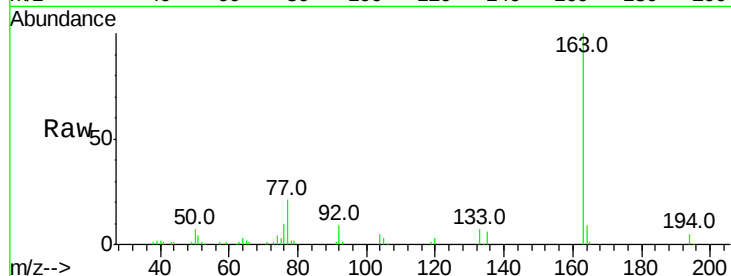
Tot Ion:163 Resp: 47188

Ion Ratio Lower Upper

163 100

194 5.2 3.0 4.6#

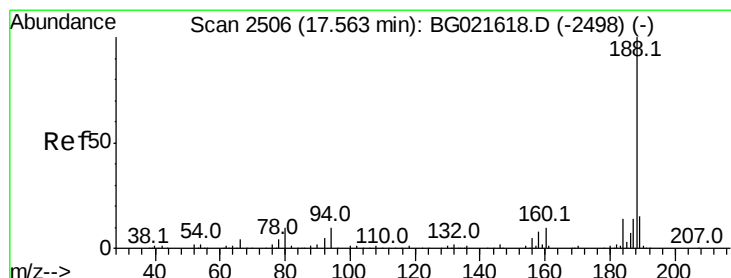
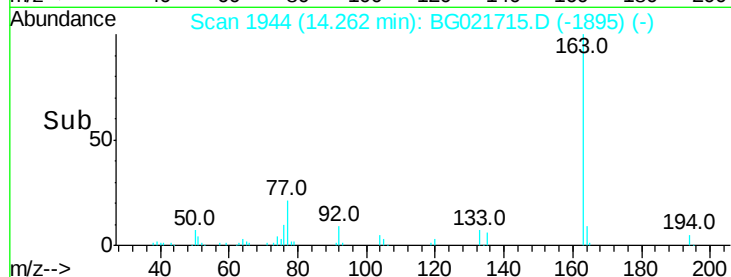
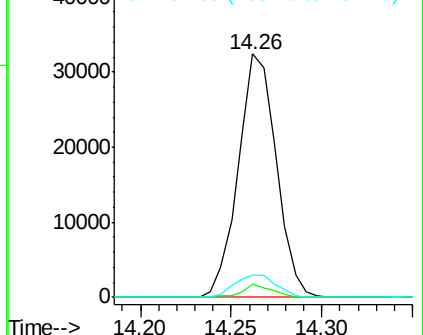
164 9.0 8.1 12.1



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: BG021715.D

Acq: 16 Apr 2016 13:22

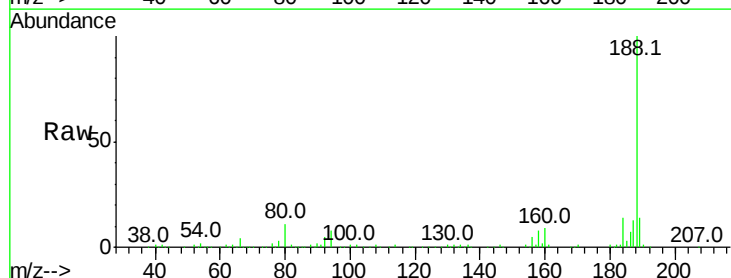
Tgt Ion:188 Resp: 187538

Ion Ratio Lower Upper

188 100

94 8.4 7.5 11.3

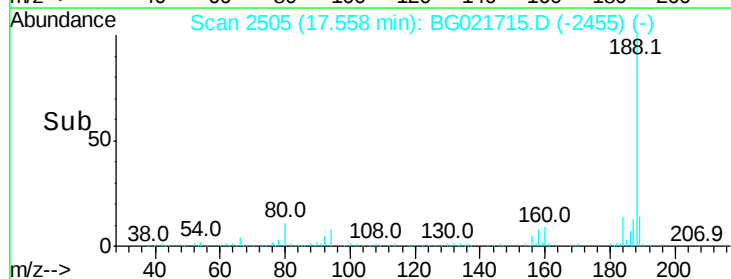
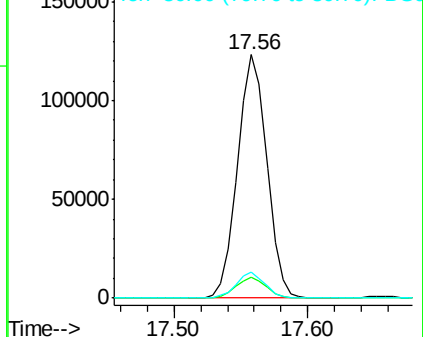
80 10.8 8.6 13.0

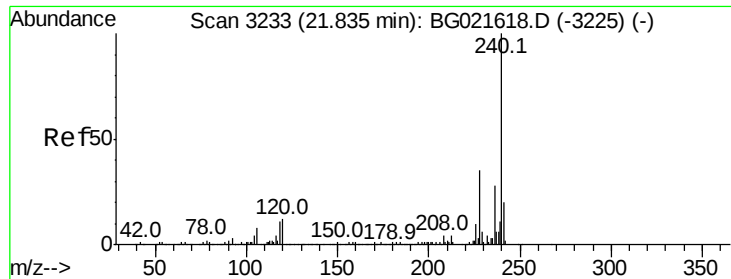


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG021715.D

Acq: 16 Apr 2016 13:22

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-2(0-8FTBGS)

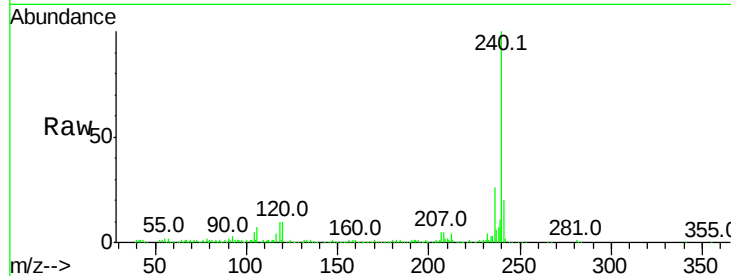
Tot Ion:240 Resp: 198196

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

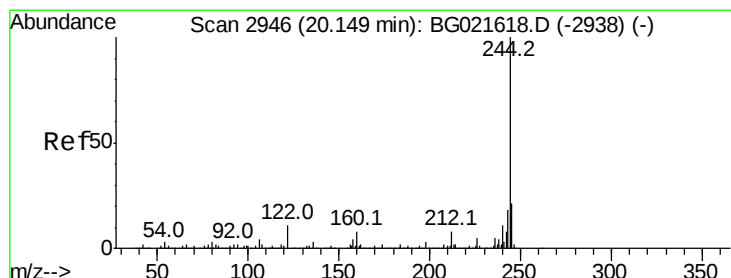
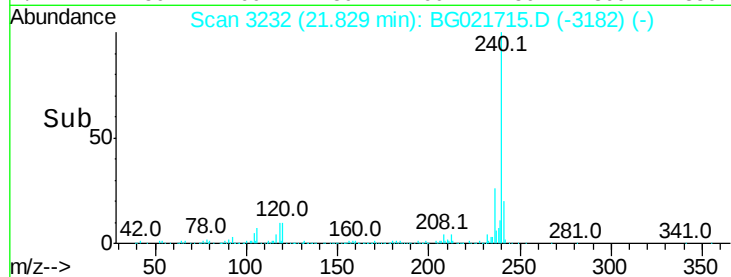
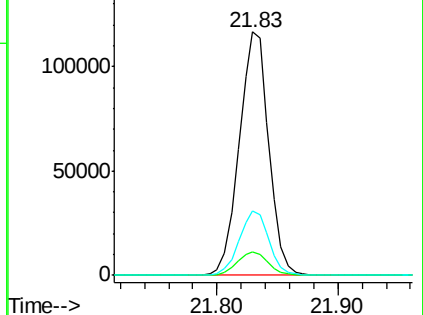
236 26.2 19.6 29.4



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: 74.26 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021715.D

Acq: 16 Apr 2016 13:22

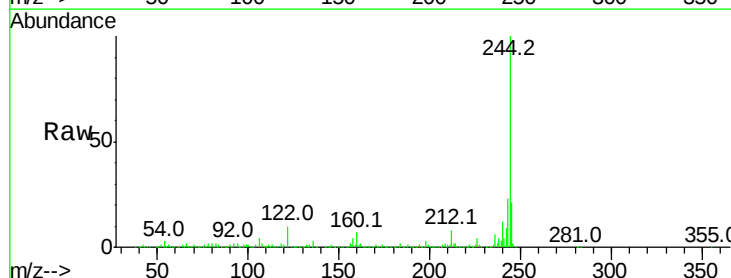
Tgt Ion:244 Resp: 589821

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

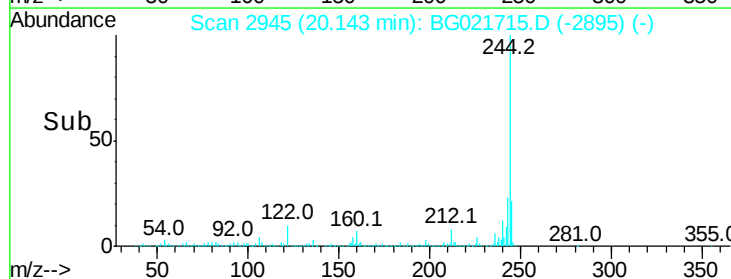
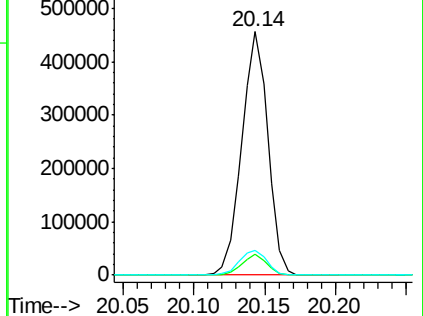
122 10.4 8.6 12.8

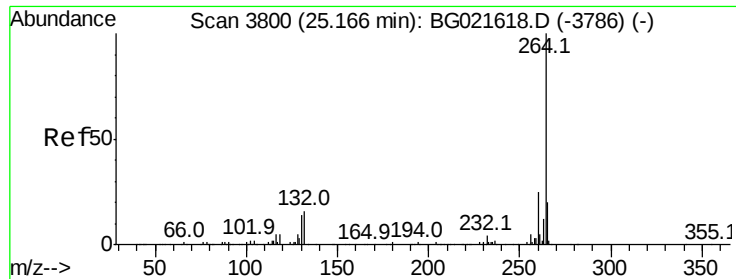


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

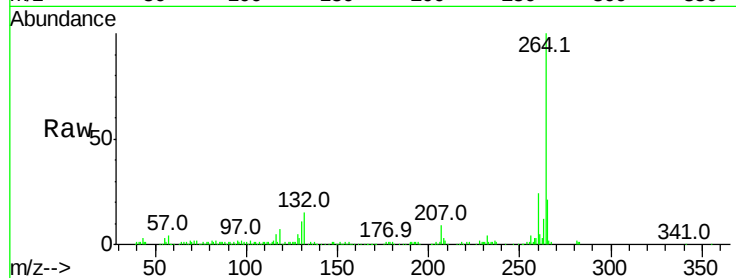




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3800
Delta R.T. 0.00 min
Lab File: BG021715.D
Acq: 16 Apr 2016 13:22

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-09-CS-2(0-8FTBGS)

Tot Ion:	264	Resp:	196403
Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.4
265	20.7	17.8	26.8



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

