

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021716.D
 Acq On : 16 Apr 2016 14:01
 Operator : UM/SJ
 Sample : H2559-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-09-CS-3(8-17.5FTBGS)

Quant Time: Apr 18 01:16:12 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

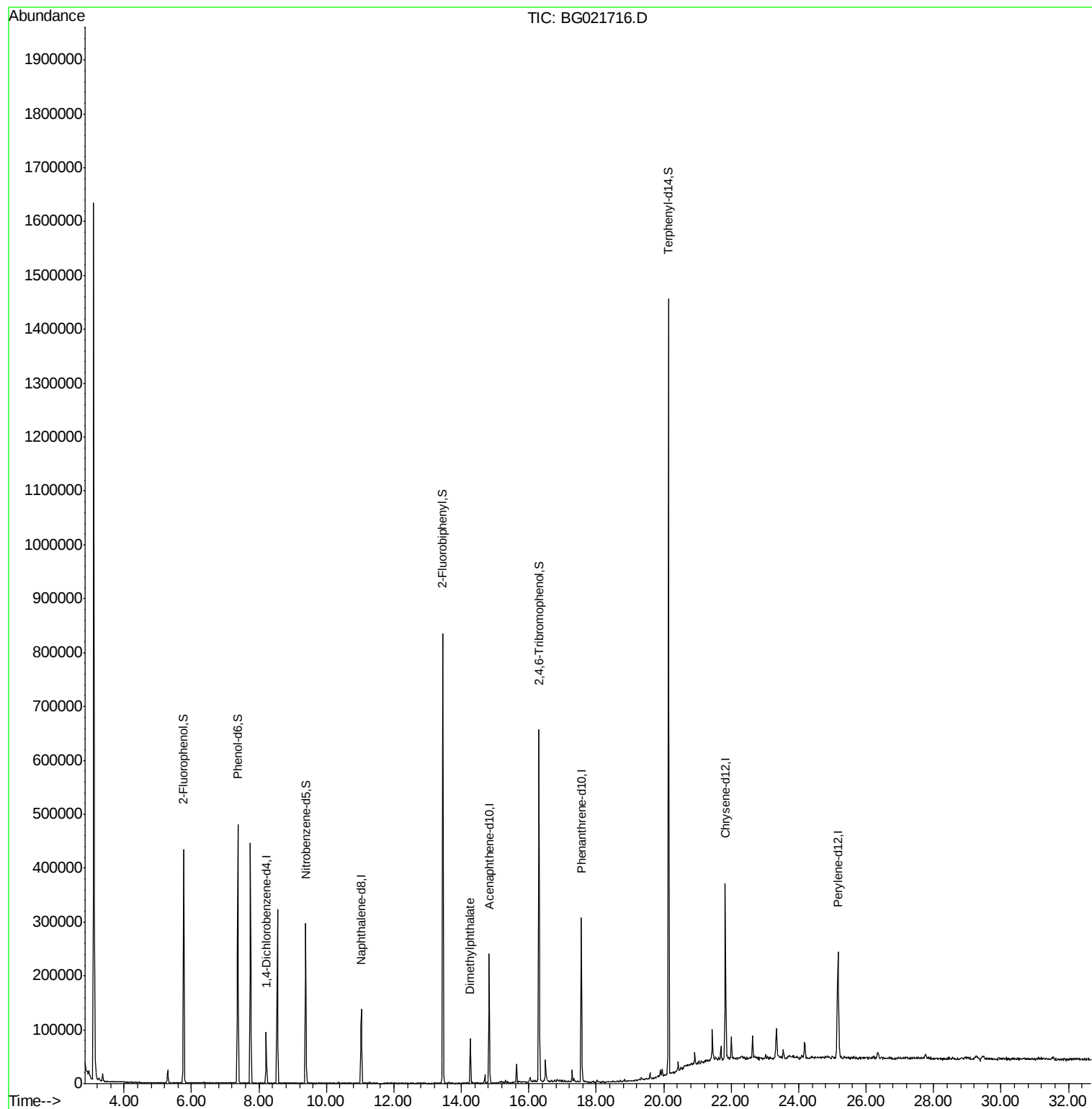
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	26600	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	121166	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	80364	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	187871	20.00	ng	0.00
75) Chrysene-d12	21.83	240	201175	20.00	ng	0.00
86) Perylene-d12	25.16	264	199352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	188484	118.00	ng	0.01
7) Phenol-d6	7.37	99	288931	121.09	ng	0.01
23) Nitrobenzene-d5	9.38	82	182384	77.37	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	119861	138.39	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	425931	77.65	ng	0.00
78) Terphenyl-d14	20.14	244	626626	77.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	54273	7.81	ng	Qvalue 98

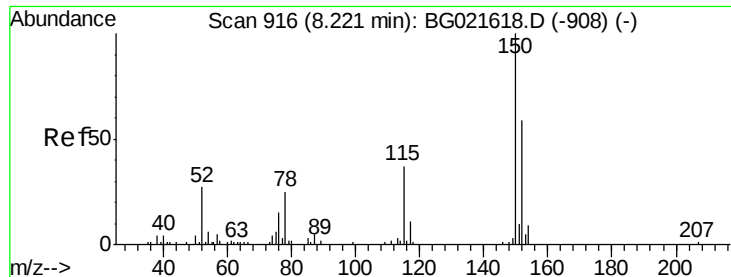
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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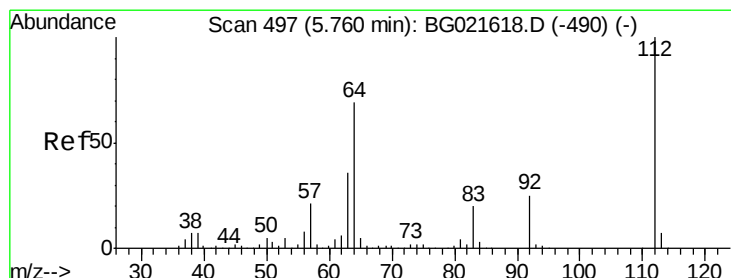
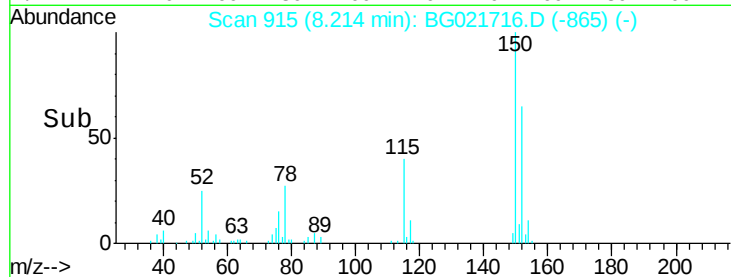
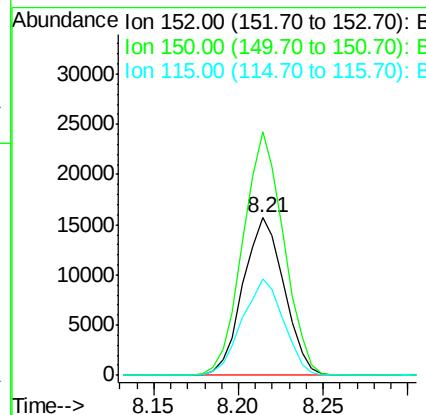
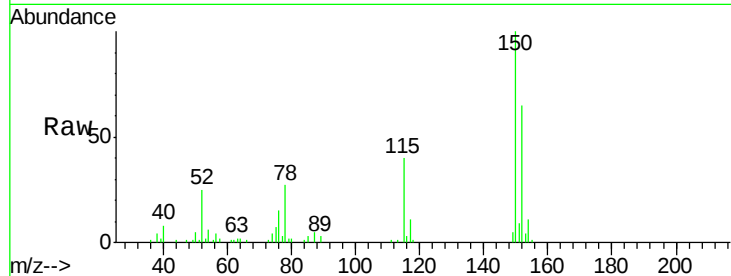


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021716.D
Acq: 16 Apr 2016 14:01

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-09-CS-3(8-17.5FTBGS)

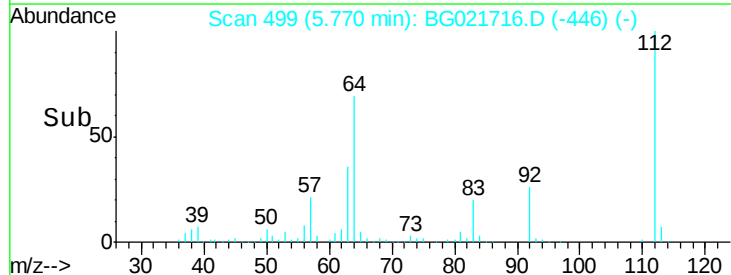
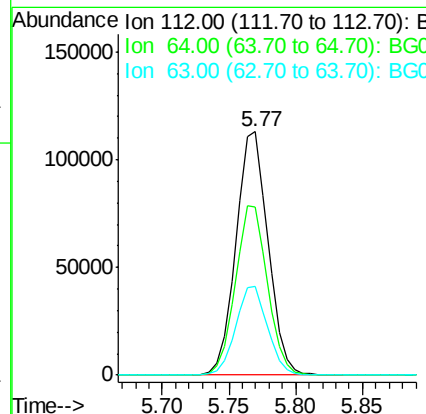
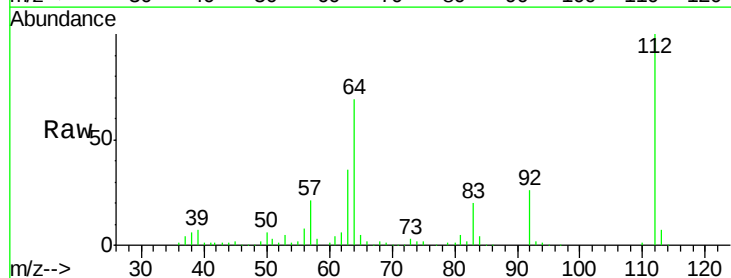
Tgt Ion:152 Resp: 26600
Ion Ratio Lower Upper
152 100
150 154.5 130.1 195.1
115 61.3 62.2 93.2#

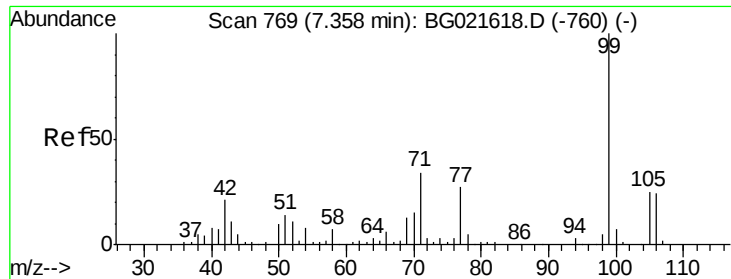


#5

2-Fluorophenol
Concen: 118.00 ng
RT: 5.77 min Scan# 499
Delta R.T. 0.01 min
Lab File: BG021716.D
Acq: 16 Apr 2016 14:01

Tgt Ion:112 Resp: 188484
Ion Ratio Lower Upper
112 100
64 69.1 51.1 76.7
63 36.3 24.6 37.0





#7

Phenol-d6

Concen: 121.09 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021716.D

Acq: 16 Apr 2016 14:01

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-3(8-17.5FTBGS)

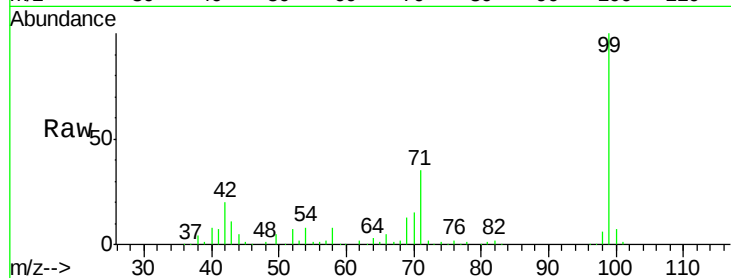
Tgt Ion: 99 Resp: 288931

Ion Ratio Lower Upper

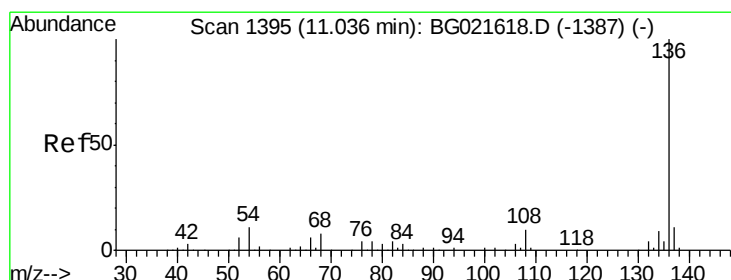
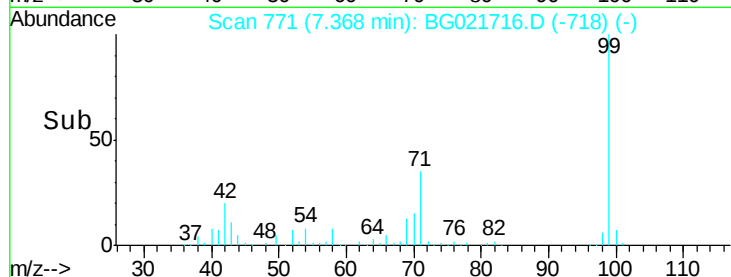
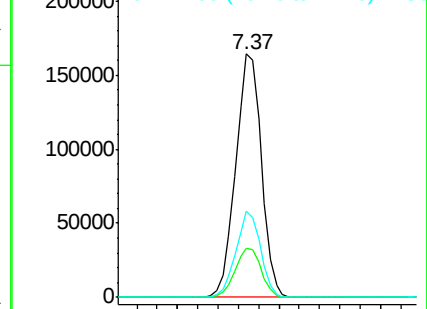
99 100

42 20.0 16.4 24.6

71 35.2 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: BG021716.D

Acq: 16 Apr 2016 14:01

Tgt Ion: 136 Resp: 121166

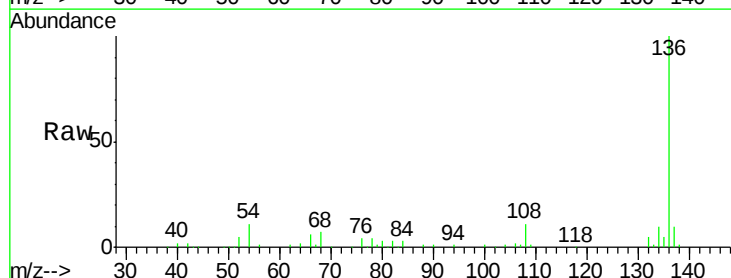
Ion Ratio Lower Upper

136 100

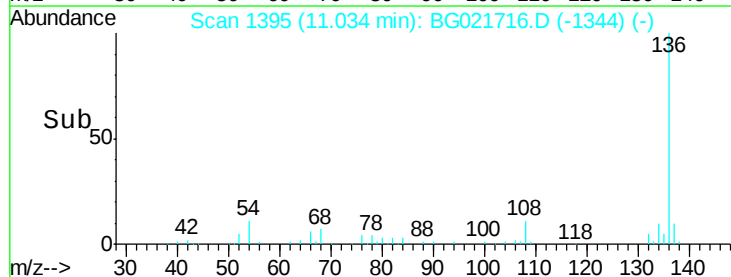
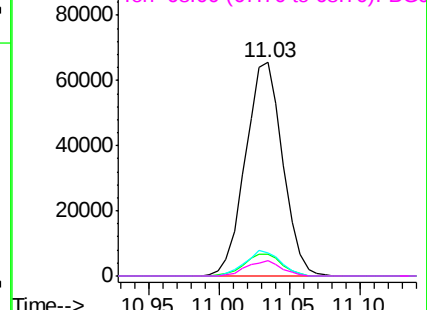
137 10.4 9.0 13.4

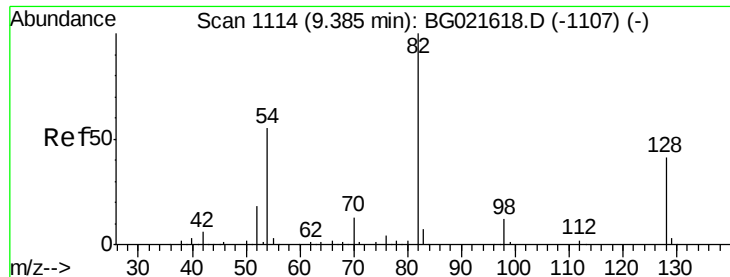
54 10.7 9.6 14.4

68 7.2 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

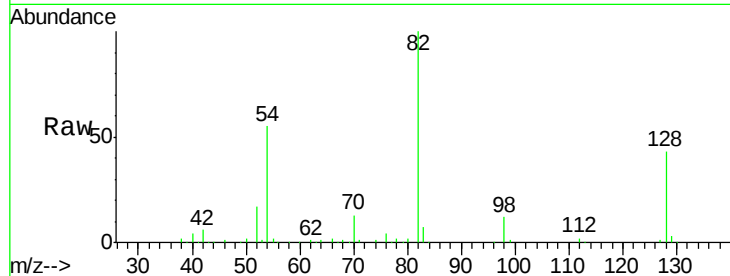




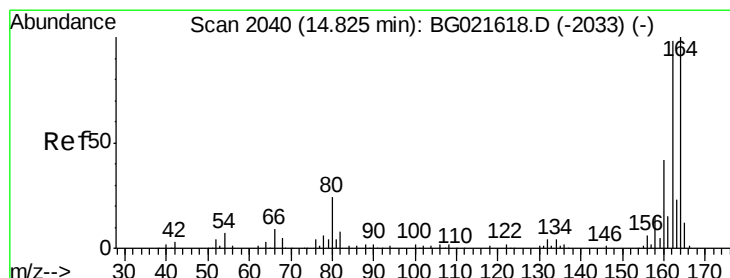
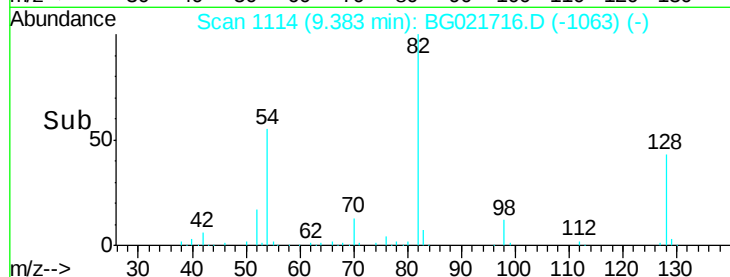
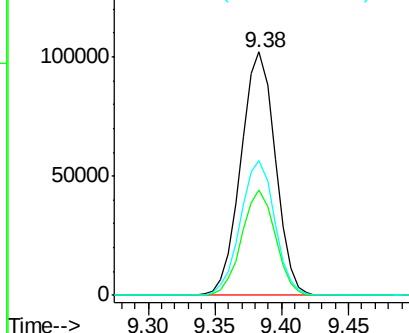
#23
 Nitrobenzene-d5
 Concen: 77.37 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021716.D
 Acq: 16 Apr 2016 14:01

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-09-CS-3(8-17.5FTBGS)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.4	50.0
54	55.2	46.1	69.1

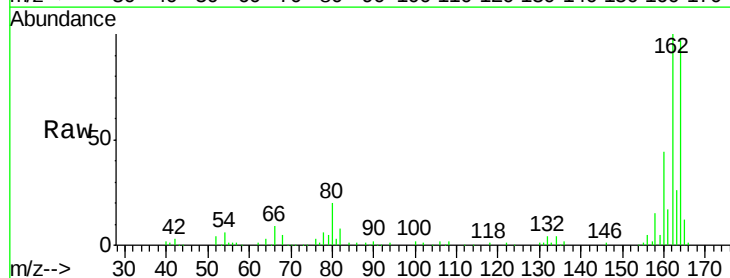


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

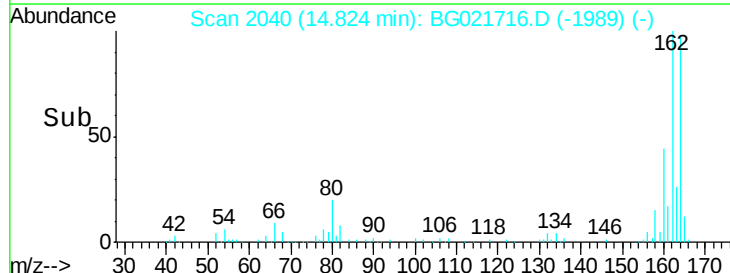
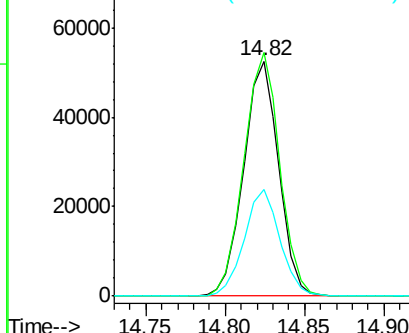


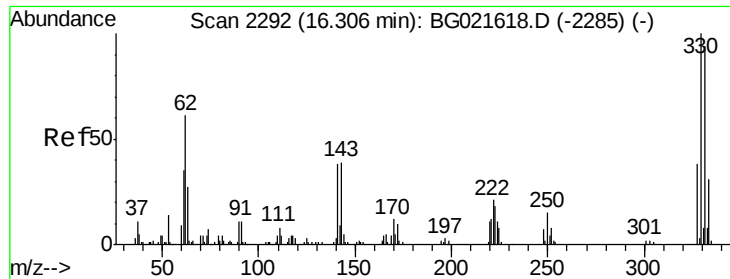
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021716.D
 Acq: 16 Apr 2016 14:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.0	117.0
160	45.2	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

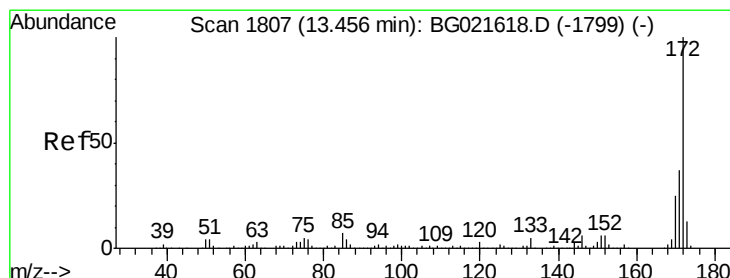
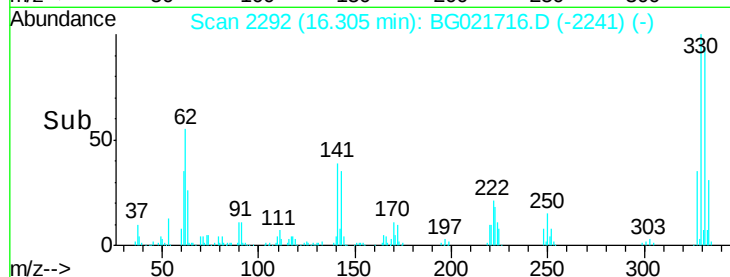
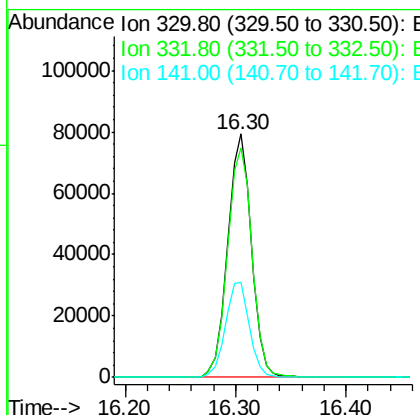
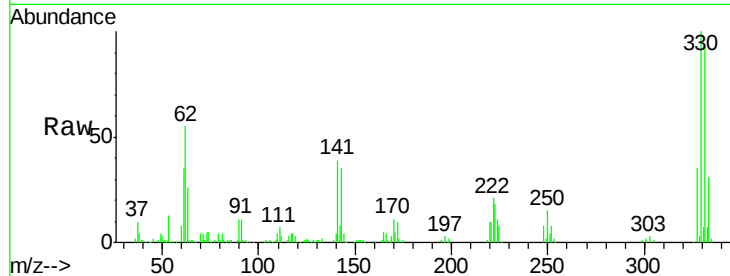




#41
 2,4,6-Tribromophenol
 Concen: 138.39 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021716.D
 Acq: 16 Apr 2016 14:01

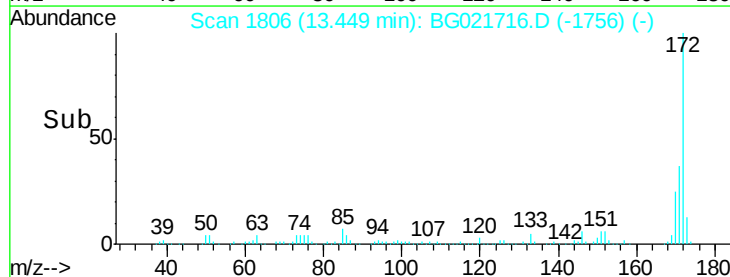
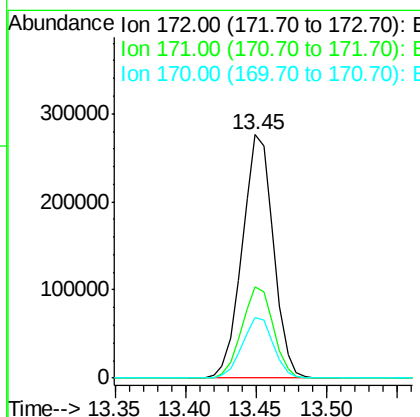
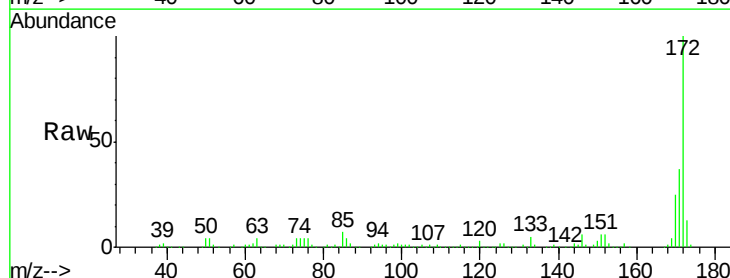
Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-09-CS-3(8-17.5FTBGS)

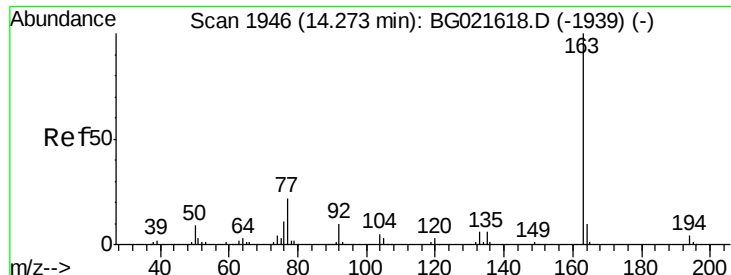
Tgt Ion:330 Resp: 119861
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.0 117.0
 141 39.5 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 77.65 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021716.D
 Acq: 16 Apr 2016 14:01

Tgt Ion:172 Resp: 425931
 Ion Ratio Lower Upper
 172 100
 171 37.2 27.8 41.6
 170 25.0 19.6 29.4





#49

Dimethylphthalate

Concen: 7.81 ng

RT: 14.27 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021716.D

Acq: 16 Apr 2016 14:01

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-3(8-17.5FTBGS)

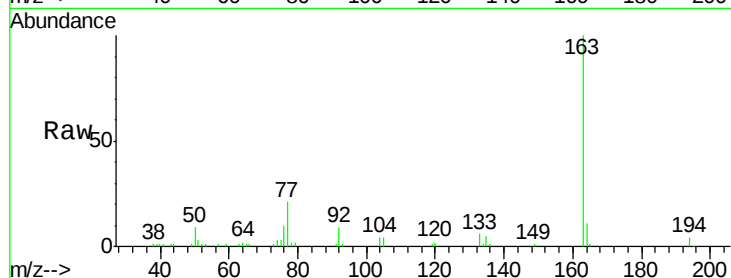
Tgt Ion:163 Resp: 54273

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

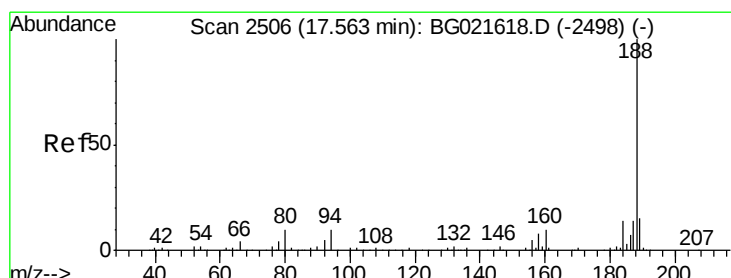
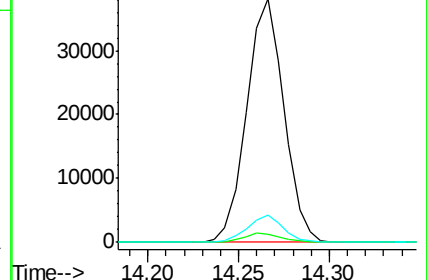
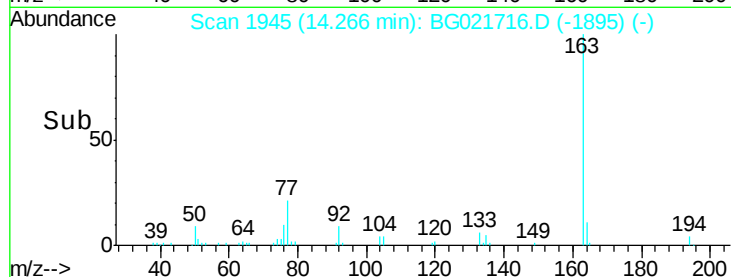
164 11.1 8.1 12.1



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: BG021716.D

Acq: 16 Apr 2016 14:01

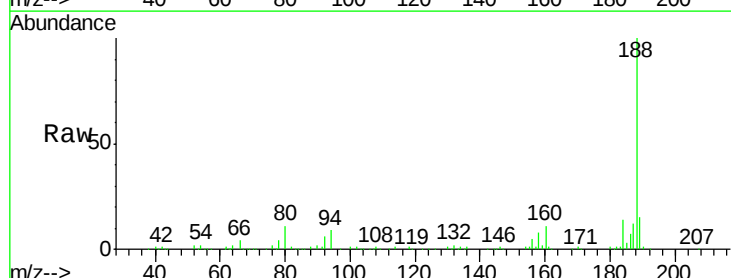
Tgt Ion:188 Resp: 187871

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

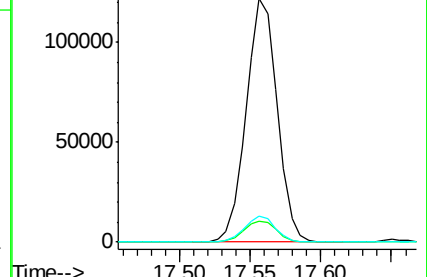
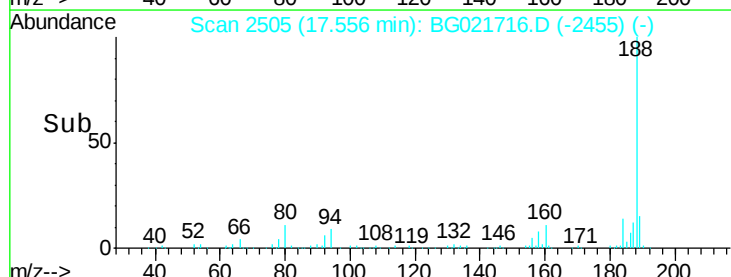
80 10.5 8.6 13.0

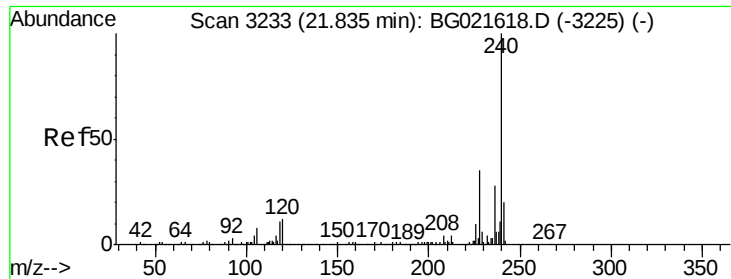


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG021716.D

Acq: 16 Apr 2016 14:01

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-3(8-17.5FTBGS)

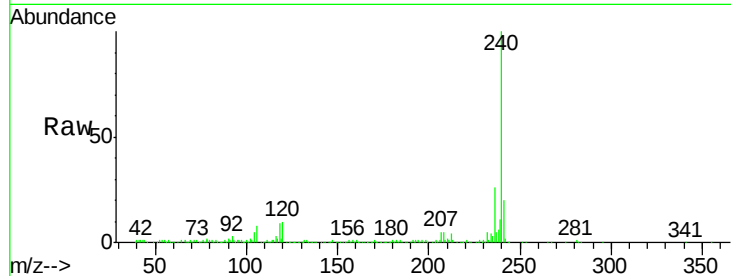
Tgt Ion:240 Resp: 201175

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

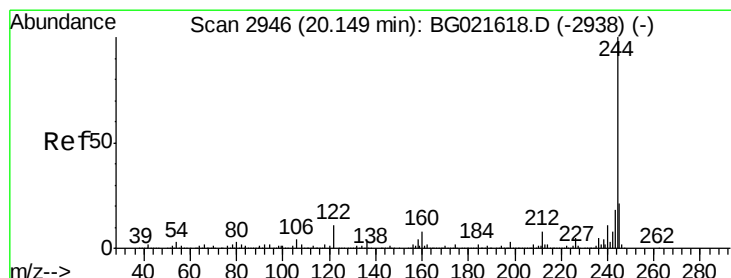
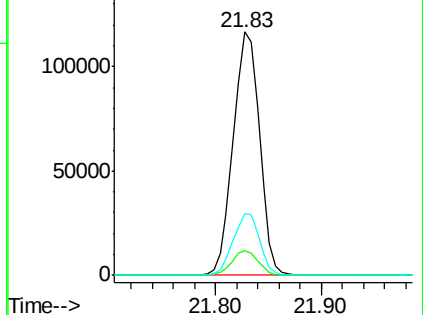
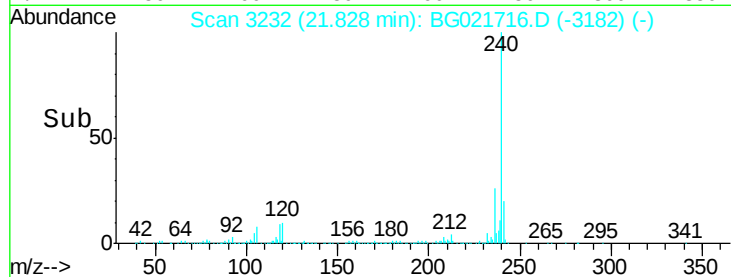
236 25.7 19.6 29.4



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: 77.72 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021716.D

Acq: 16 Apr 2016 14:01

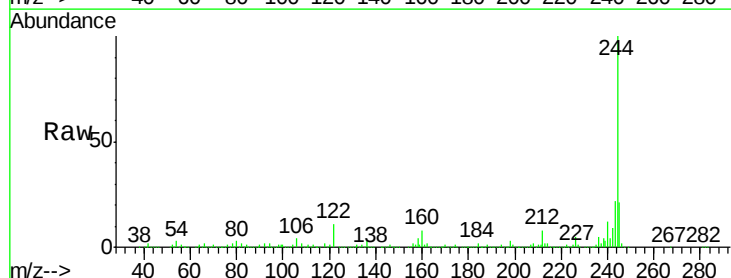
Tgt Ion:244 Resp: 626626

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

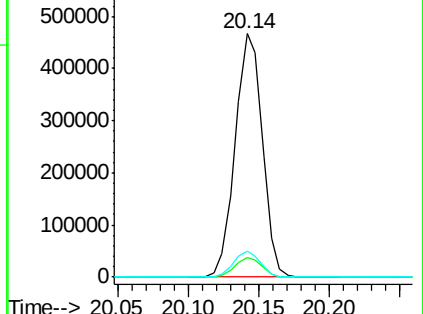
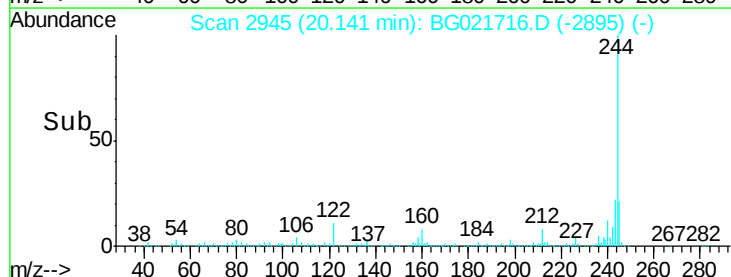
122 10.7 8.6 12.8

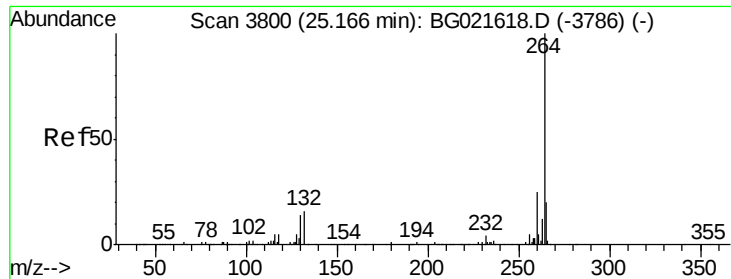


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.16 min Scan# 3800
Delta R.T. -0.00 min
Lab File: BG021716.D
Acq: 16 Apr 2016 14:01

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-09-CS-3(8-17.5FTBGS)

Tgt Ion:	264	Resp:	199352
Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.4
265	22.6	17.8	26.8

