

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021698.D
 Acq On : 15 Apr 2016 23:15
 Operator : UM/SJ
 Sample : H2559-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Quant Time: Apr 16 02:21:11 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	30218	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	131295	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	81382	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	209444	20.00	ng	0.00
75) Chrysene-d12	21.83	240	228145	20.00	ng	0.00
86) Perylene-d12	25.16	264	156961	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	255823	140.98	ng	0.01
7) Phenol-d6	7.38	99	345038	127.30	ng	0.02
23) Nitrobenzene-d5	9.39	82	239763	93.86	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	161812	184.49	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	538960	97.03	ng	0.00
78) Terphenyl-d14	20.14	244	871382	95.30	ng	0.00

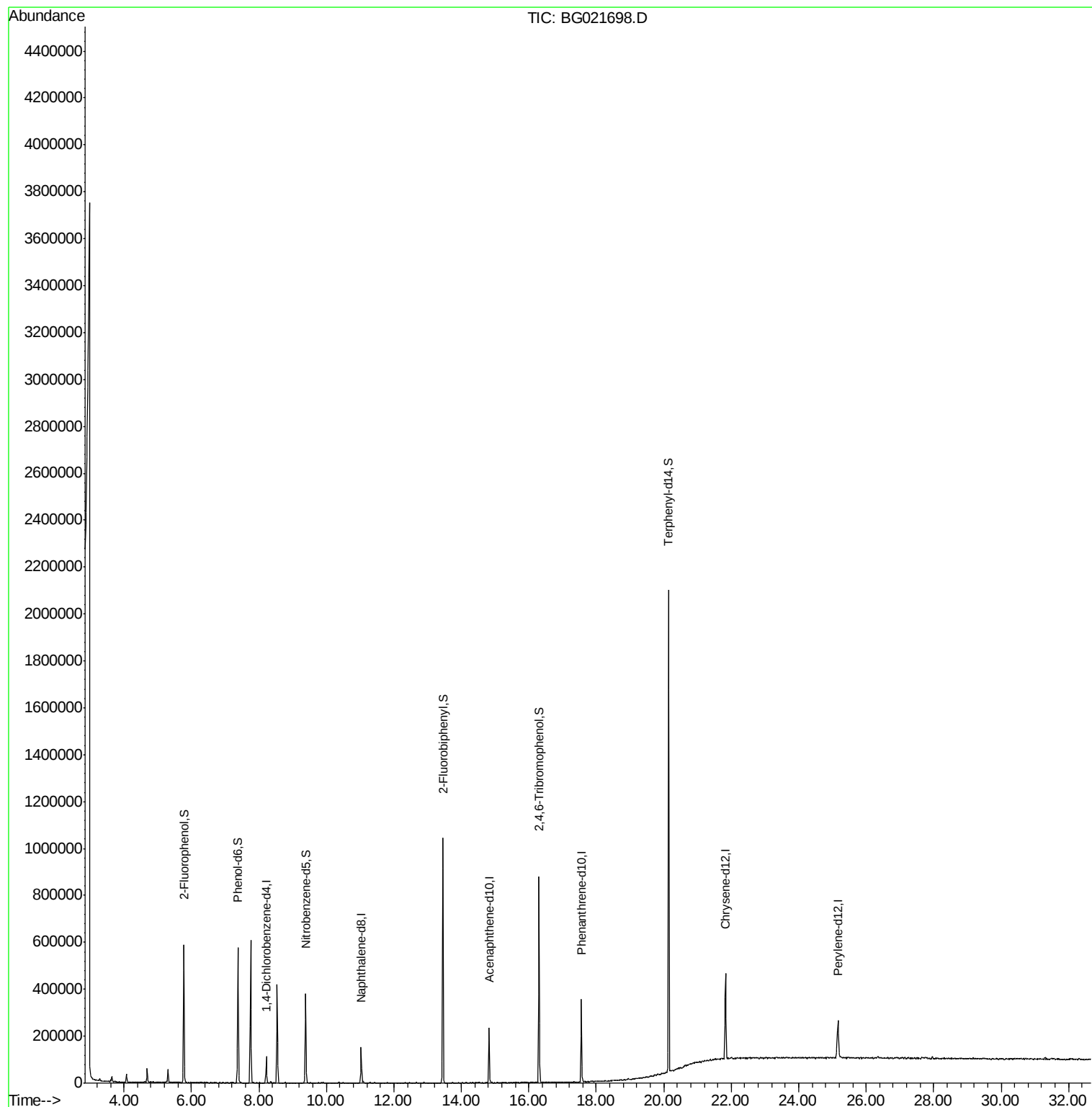
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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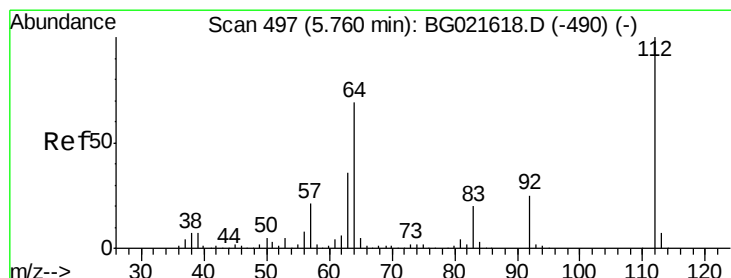
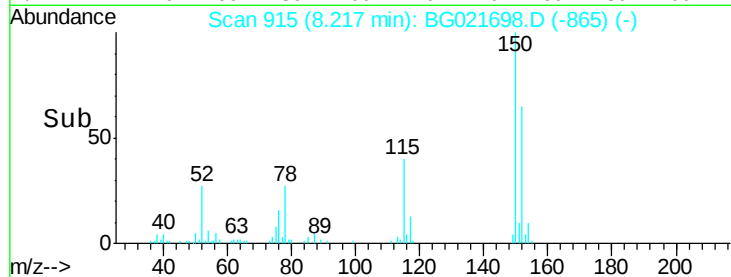
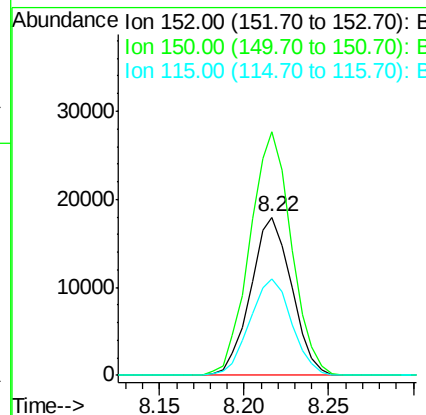
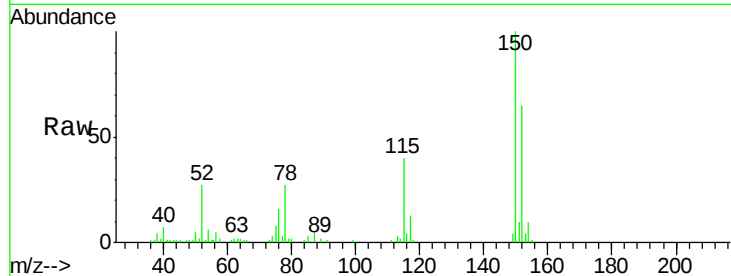


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG021698.D
Acq: 15 Apr 2016 23:15

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

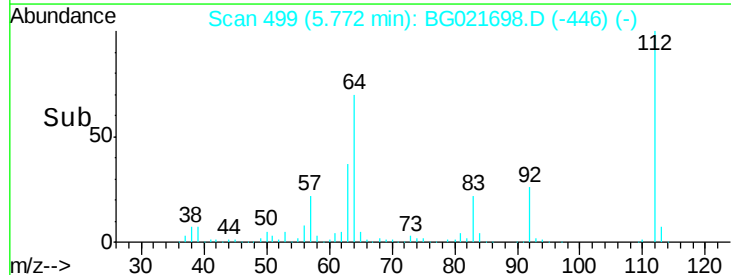
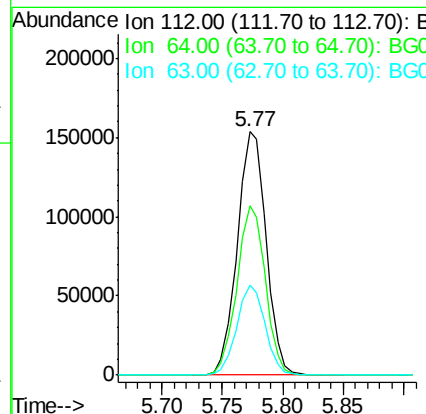
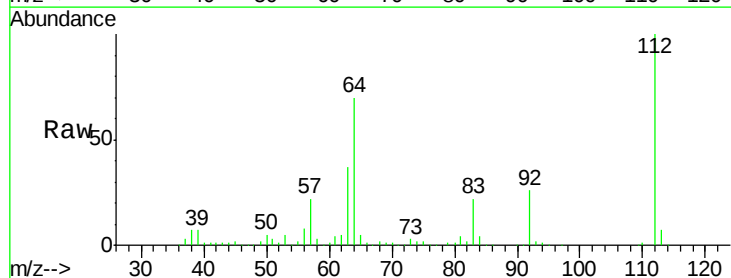
Tgt Ion:152 Resp: 30218
Ion Ratio Lower Upper
152 100
150 154.3 130.1 195.1
115 61.0 62.2 93.2#

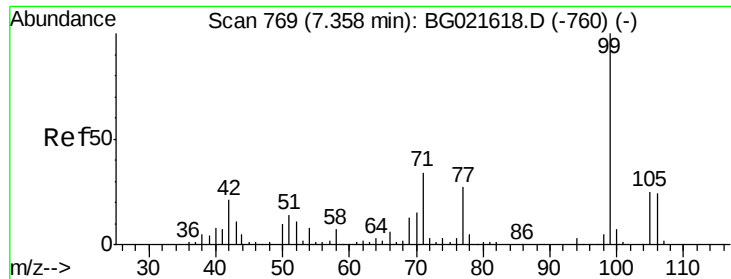


#5

2-Fluorophenol
Concen: 140.98 ng
RT: 5.77 min Scan# 499
Delta R.T. 0.01 min
Lab File: BG021698.D
Acq: 15 Apr 2016 23:15

Tgt Ion:112 Resp: 255823
Ion Ratio Lower Upper
112 100
64 69.7 51.1 76.7
63 36.8 24.6 37.0





#7

Phenol-d6

Concen: 127.30 ng

RT: 7.38 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021698.D

Acq: 15 Apr 2016 23:15

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

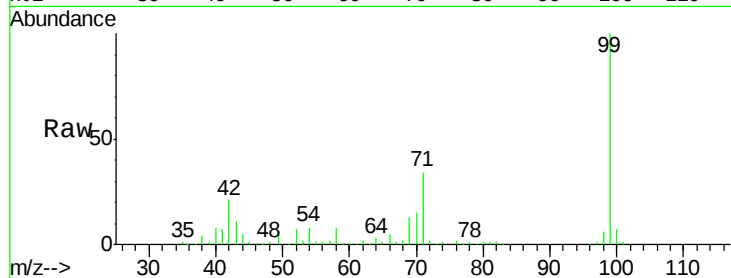
Tgt Ion: 99 Resp: 345038

Ion Ratio Lower Upper

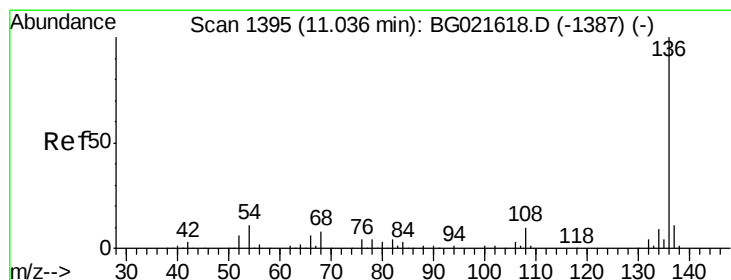
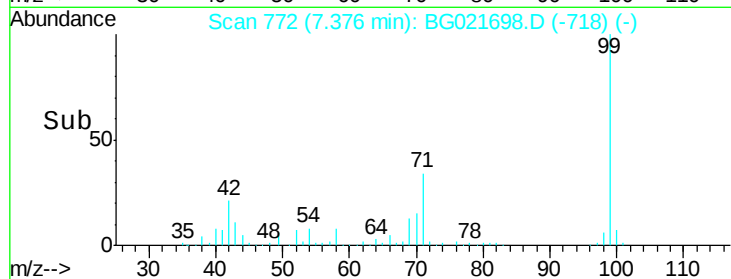
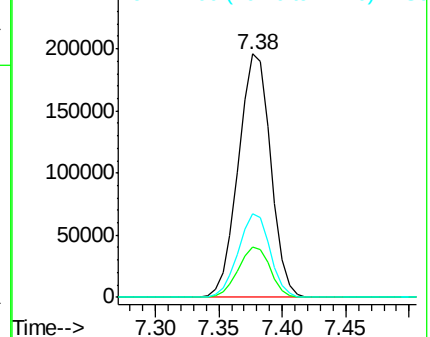
99 100

42 20.8 16.4 24.6

71 34.2 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# 1394

Delta R.T. -0.00 min

Lab File: BG021698.D

Acq: 15 Apr 2016 23:15

Tgt Ion: 136 Resp: 131295

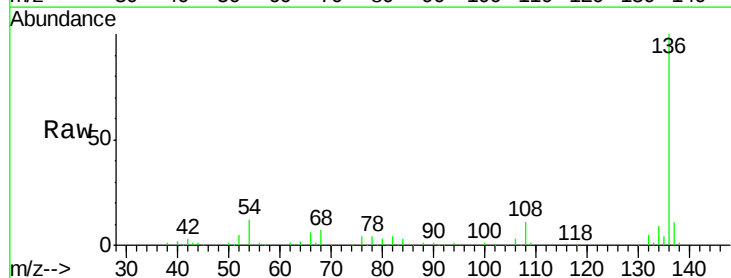
Ion Ratio Lower Upper

136 100

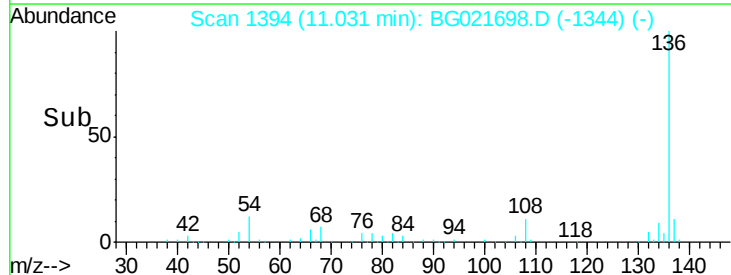
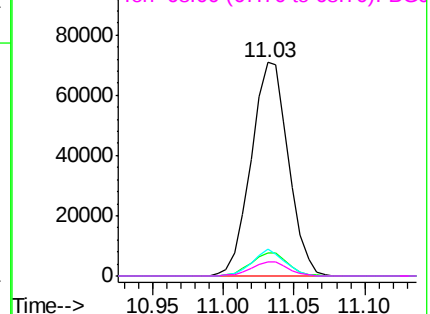
137 10.7 9.0 13.4

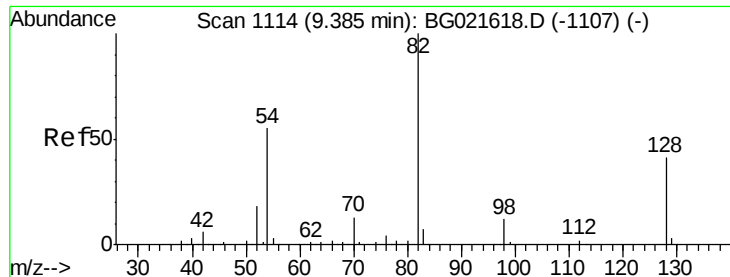
54 12.4 9.6 14.4

68 6.9 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

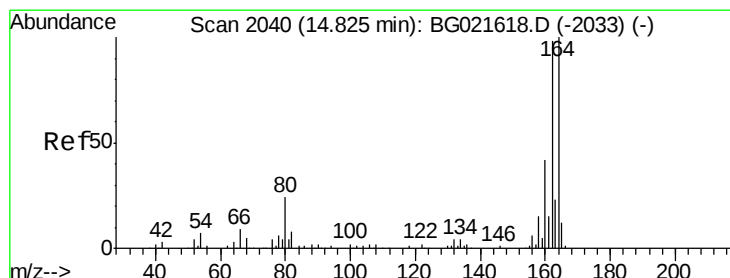
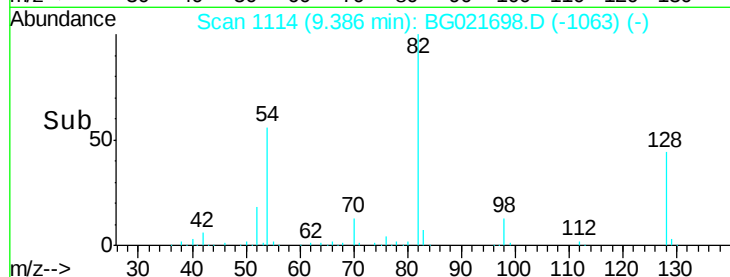
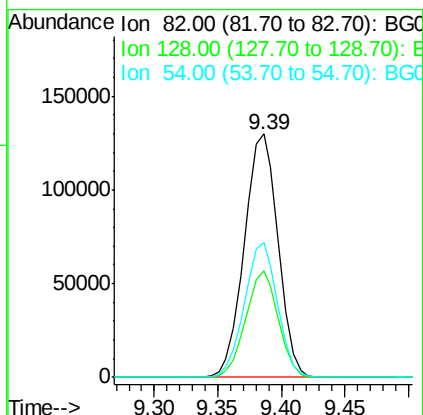
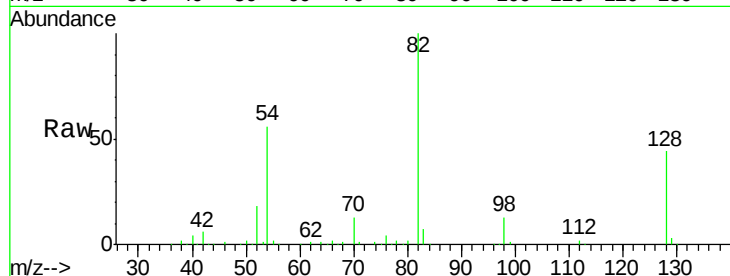




#23
 Nitrobenzene-d5
 Concen: 93.86 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG021698.D
 Acq: 15 Apr 2016 23:15

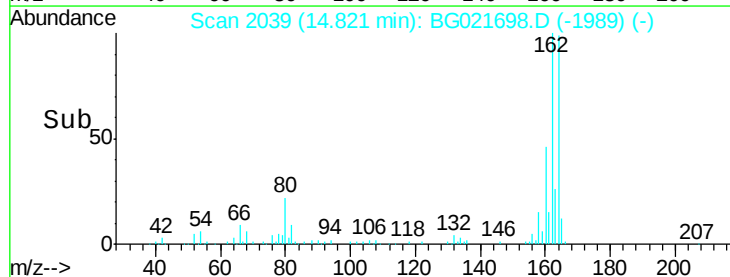
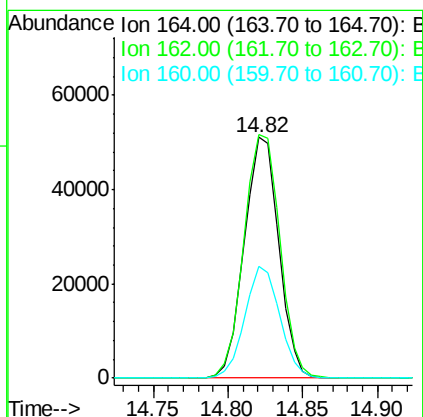
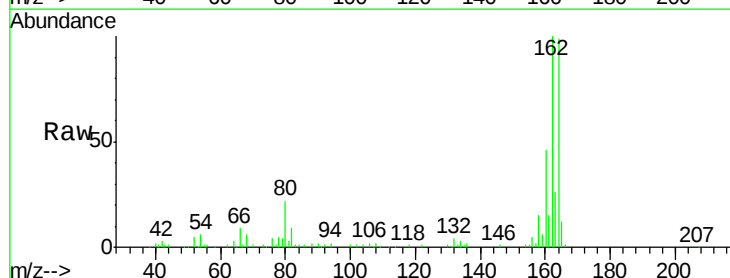
Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.0
54	55.5	46.1	69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BG021698.D
 Acq: 15 Apr 2016 23:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.0	117.0
160	46.7	32.9	49.3

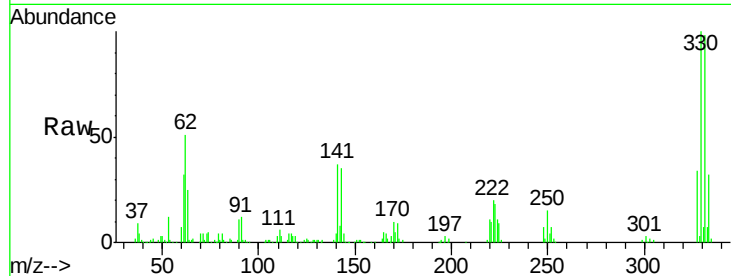




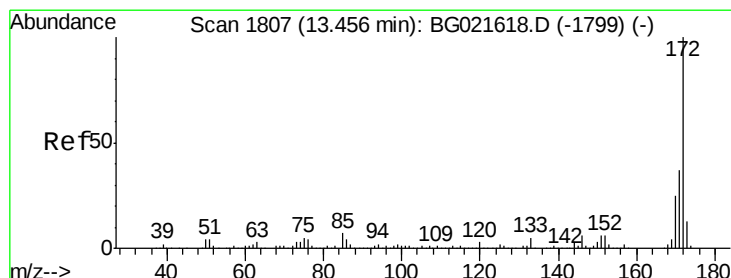
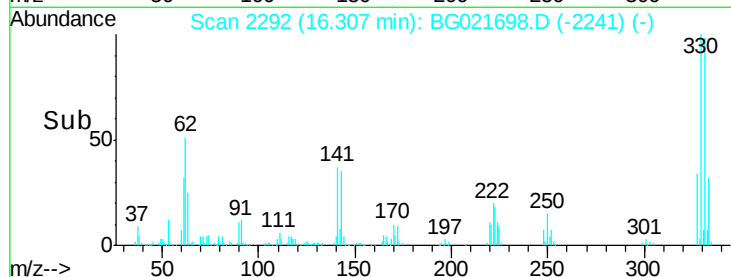
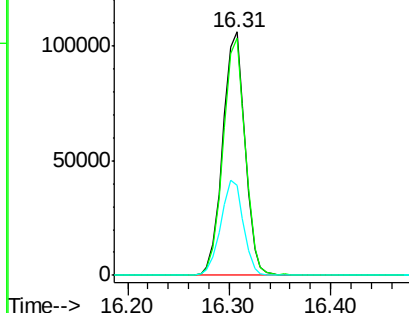
#41
 2,4,6-Tribromophenol
 Concen: 184.49 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BG021698.D
 Acq: 15 Apr 2016 23:15

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tgt Ion:330 Resp: 161812
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.0 117.0
 141 39.5 33.8 50.8

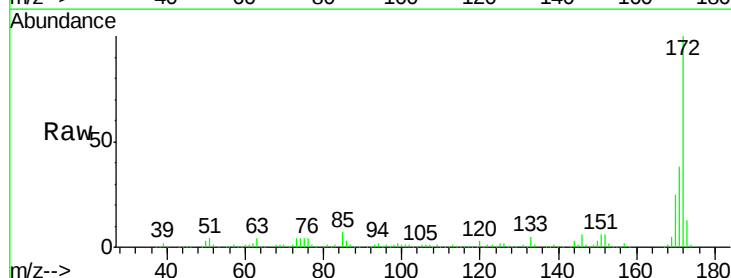


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

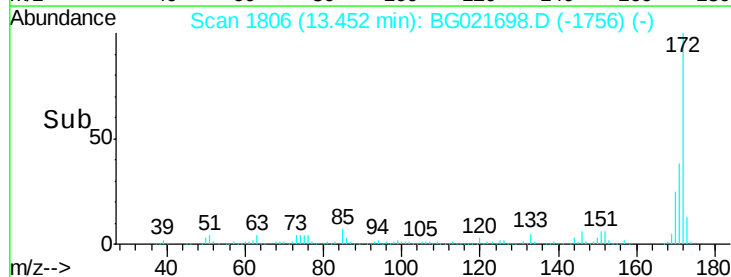
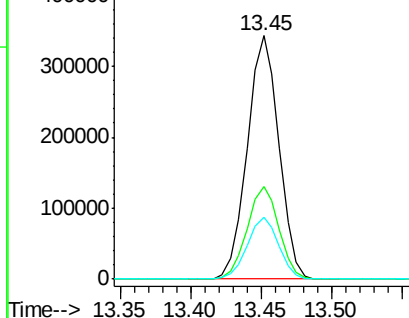


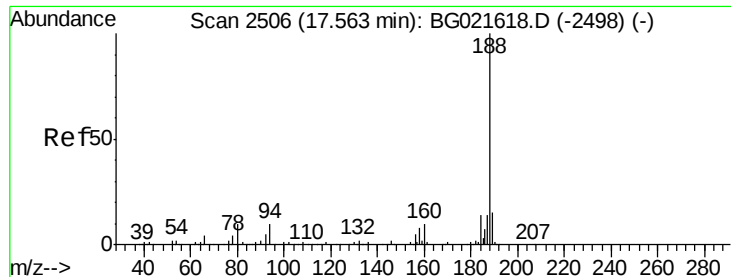
#44
 2-Fluorobiphenyl
 Concen: 97.03 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG021698.D
 Acq: 15 Apr 2016 23:15

Tgt Ion:172 Resp: 538960
 Ion Ratio Lower Upper
 172 100
 171 38.2 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG021698.D

Acq: 15 Apr 2016 23:15

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

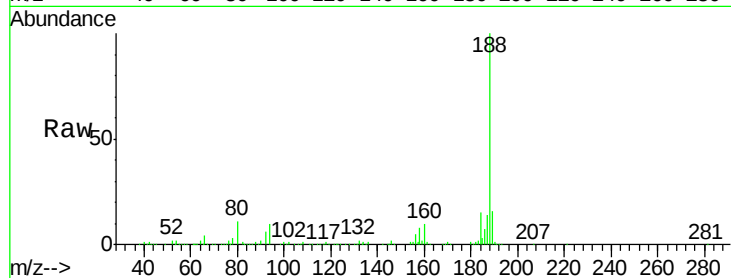
Tgt Ion:188 Resp: 209444

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

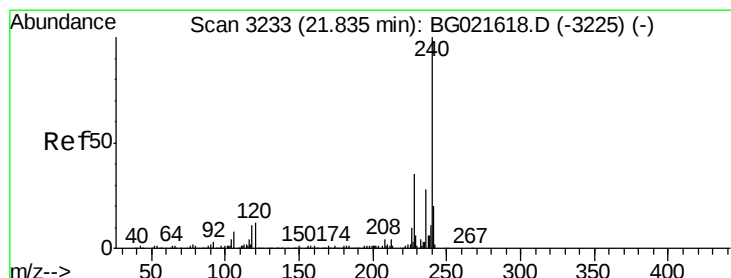
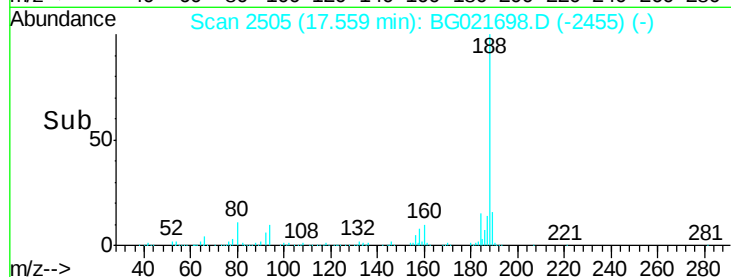
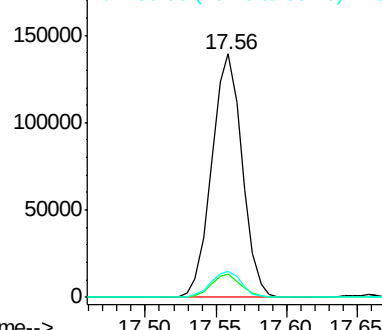
80 10.8 8.6 13.0



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. -0.00 min

Lab File: BG021698.D

Acq: 15 Apr 2016 23:15

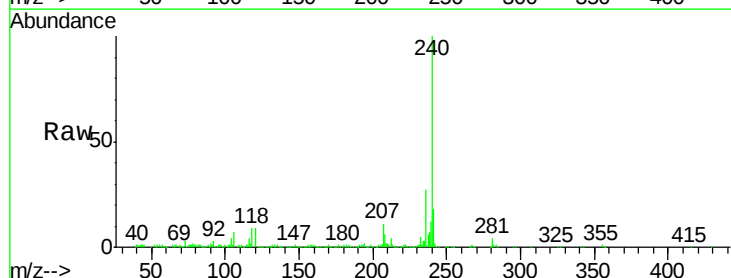
Tgt Ion:240 Resp: 228145

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

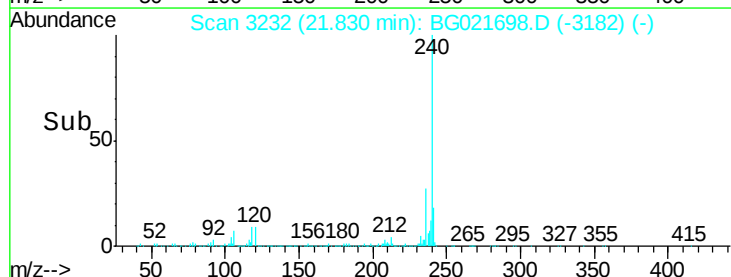
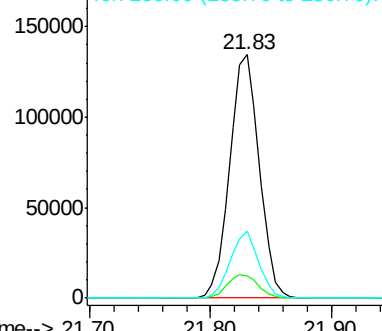
236 27.3 19.6 29.4

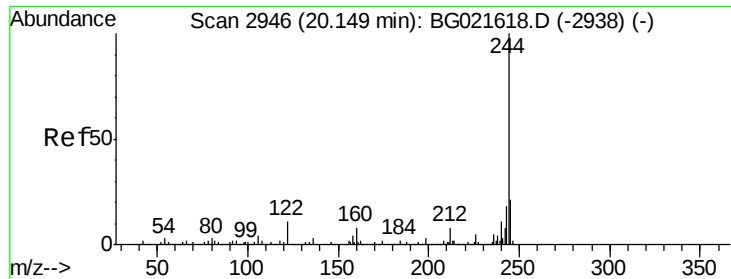


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.30 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BG021698.D

Acq: 15 Apr 2016 23:15

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

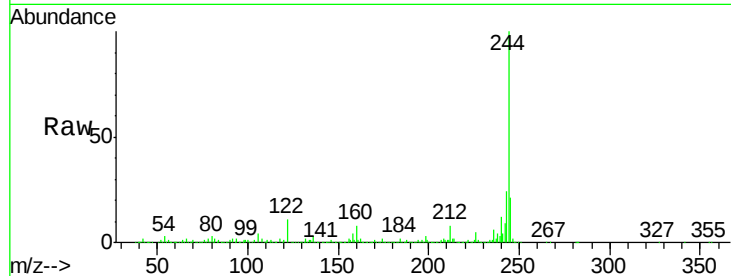
Tgt Ion:244 Resp: 871382

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

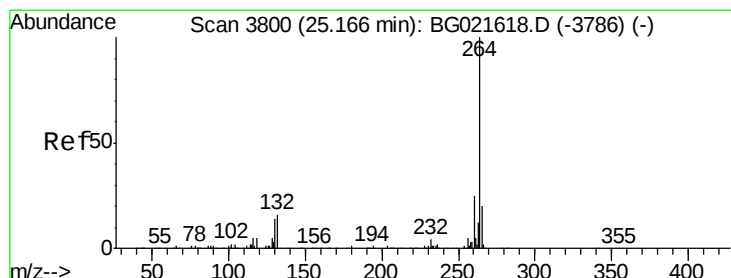
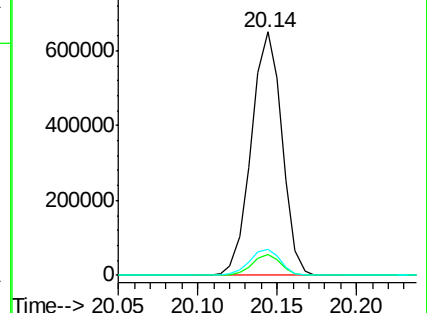
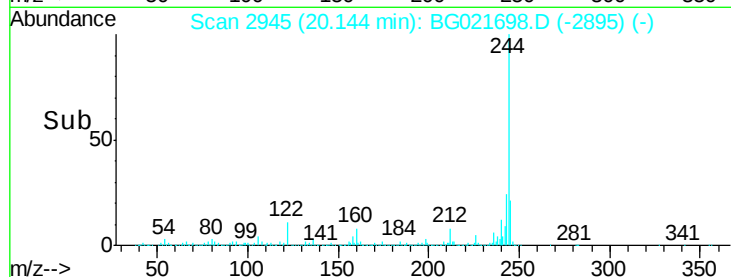
122 10.6 8.6 12.8



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# 3798

Delta R.T. -0.01 min

Lab File: BG021698.D

Acq: 15 Apr 2016 23:15

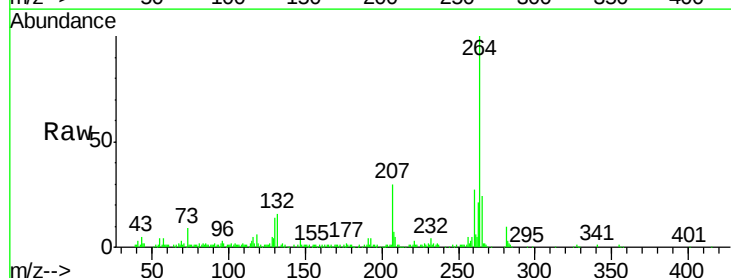
Tgt Ion:264 Resp: 156961

Ion Ratio Lower Upper

264 100

260 26.7 20.2 30.4

265 24.4 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

