

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021646.D
 Acq On : 14 Apr 2016 9:32
 Operator : UM/SJ
 Sample : H2418-01
 Misc : LOD 1PPM
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-11

Quant Time: Apr 15 00:49:34 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

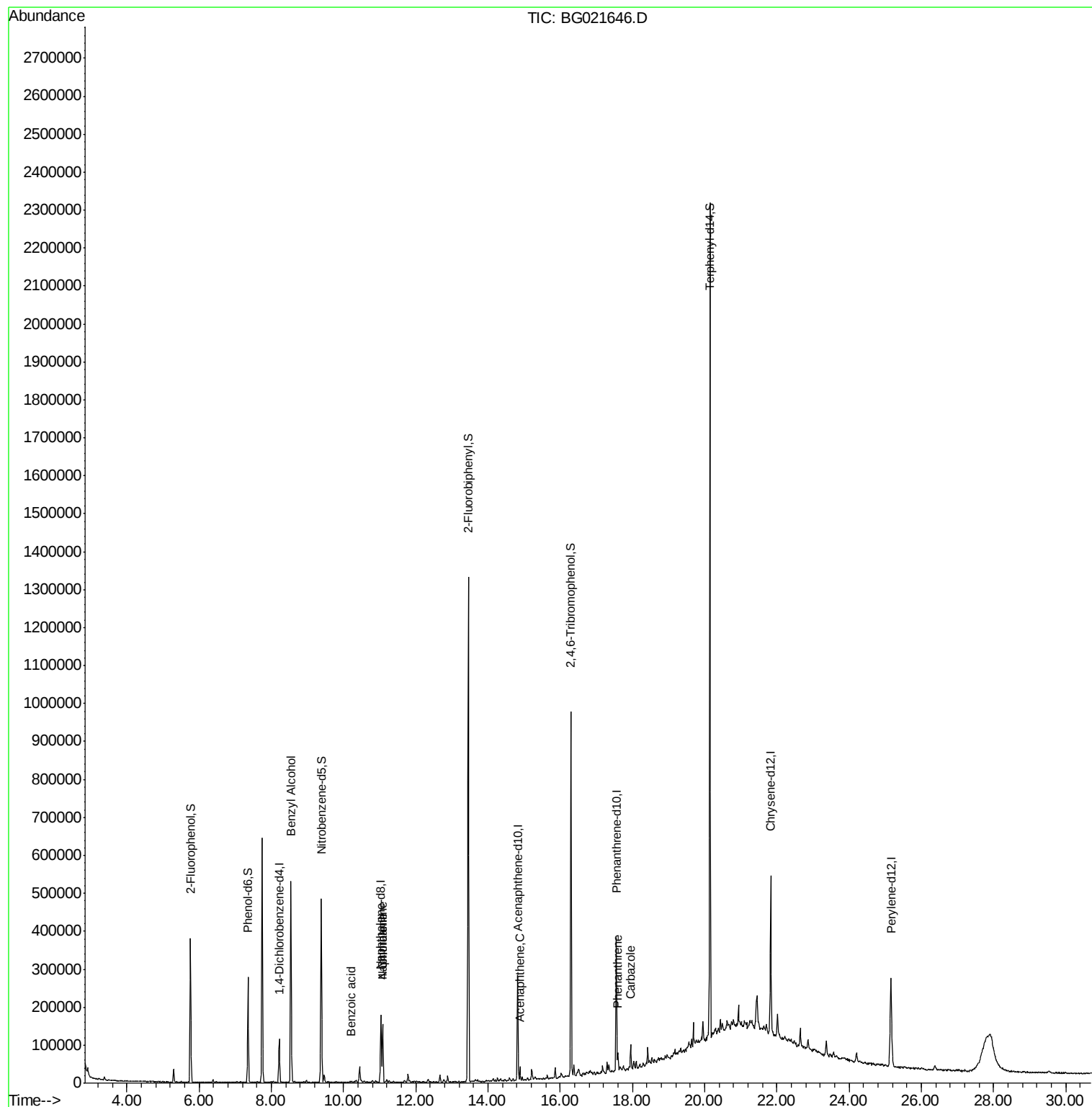
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	33282	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	153875	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	94614	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	211827	20.00	ng	0.00
75) Chrysene-d12	21.83	240	250148	20.00	ng	0.00
86) Perylene-d12	25.16	264	243835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	167529	83.82	ng	0.00
7) Phenol-d6	7.36	99	162581	54.46	ng	0.00
23) Nitrobenzene-d5	9.38	82	295830	98.82	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	168744	165.48	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	676644	104.78	ng	0.00
78) Terphenyl-d14	20.15	244	948804	94.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.54	79	4640	2.03	ng	# 49
31) Naphthalene	11.08	128	118304	14.37	ng	# 97
32) Benzoic acid	10.21	122	1071	5.04	ng	# 49
33) 4-Chloroaniline	11.09	127	15951	4.47	ng	# 34
51) Acenaphthene	14.88	154	13250	2.13	ng	91
70) Phenanthrene	17.60	178	23696	2.03	ng	98
72) Carbazole	17.95	167	41541	3.76	ng	97

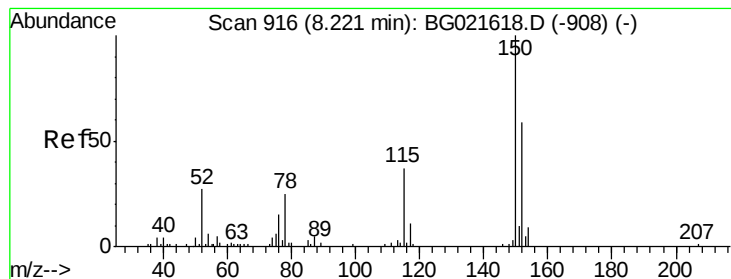
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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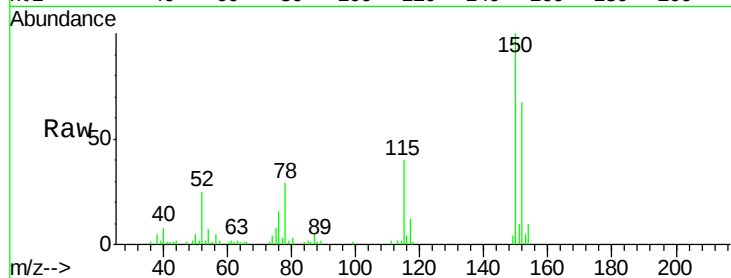




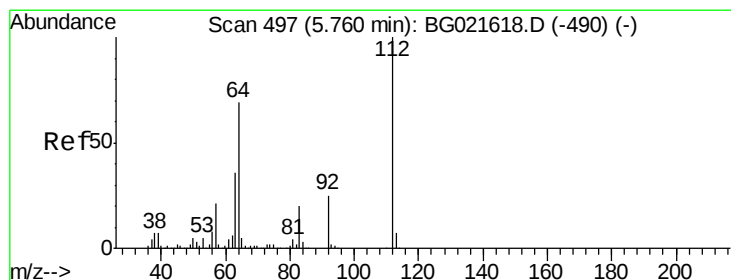
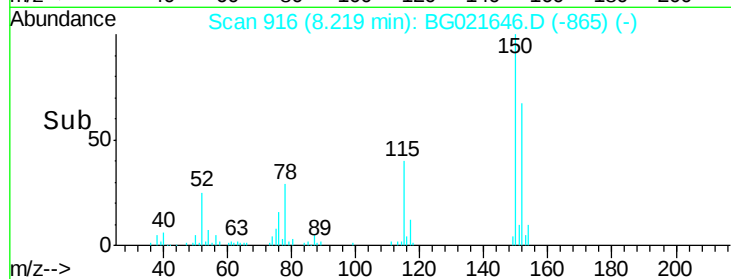
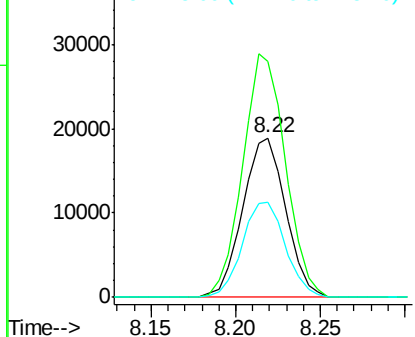
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.22 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BG021646.D
 Acq: 14 Apr 2016 9:32

Instrument :
 BNA_G
 ClientSampleId :
 GMW-11

Tgt Ion:152 Resp: 33282
 Ion Ratio Lower Upper
 152 100
 150 148.2 130.1 195.1
 115 59.9 62.2 93.2#

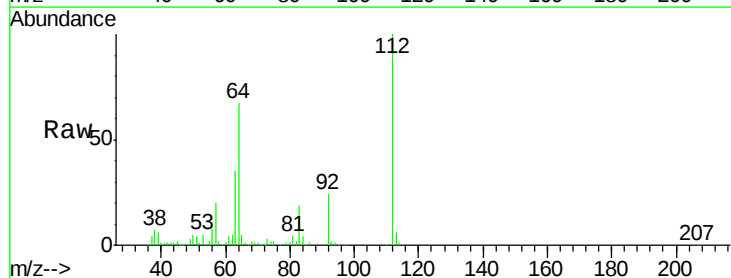


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

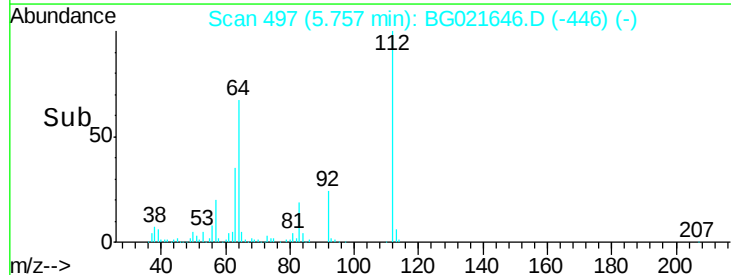
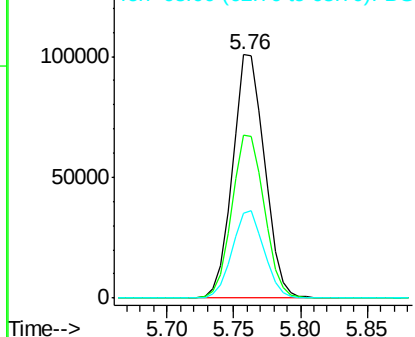


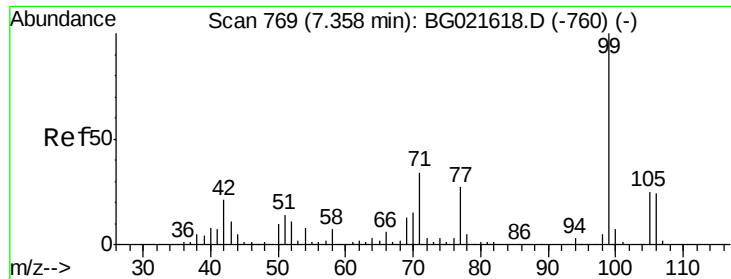
#5
 2-Fluorophenol
 Concen: 83.82 ng
 RT: 5.76 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BG021646.D
 Acq: 14 Apr 2016 9:32

Tgt Ion:112 Resp: 167529
 Ion Ratio Lower Upper
 112 100
 64 67.2 51.1 76.7
 63 34.8 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: 54.46 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021646.D

Acq: 14 Apr 2016 9:32

Instrument :

BNA_G

ClientSampleId :

GMW-11

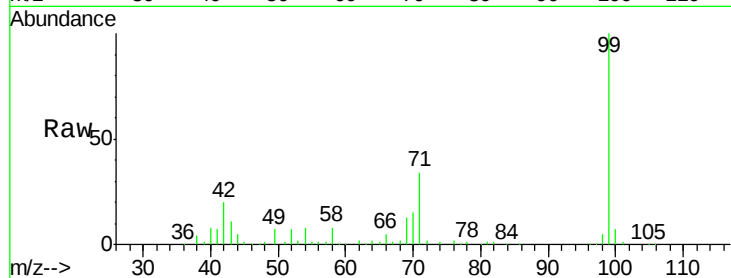
Tgt Ion: 99 Resp: 162581

Ion Ratio Lower Upper

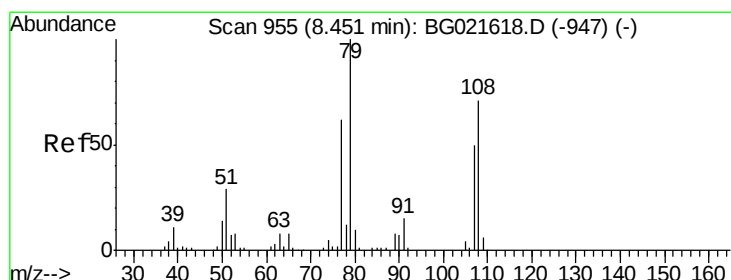
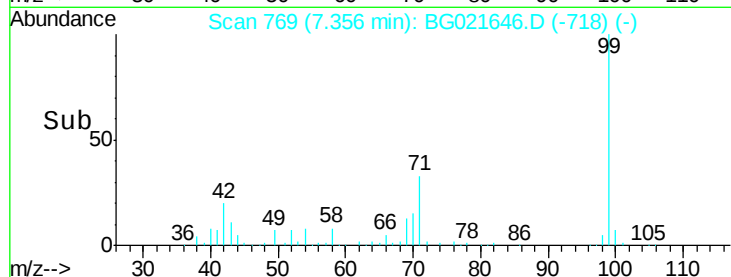
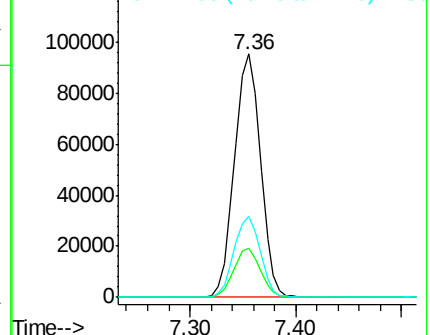
99 100

42 19.9 16.4 24.6

71 33.5 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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 8.54 min Scan# 971

Delta R.T. 0.09 min

Lab File: BG021646.D

Acq: 14 Apr 2016 9:32

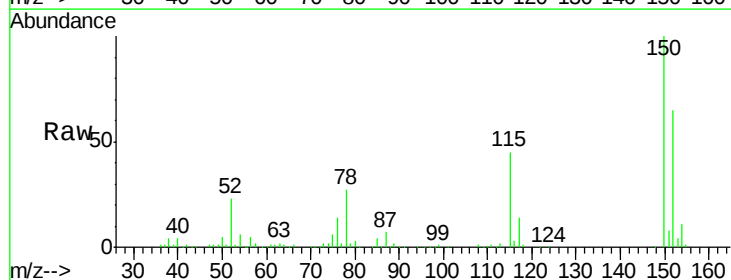
Tgt Ion: 79 Resp: 4640

Ion Ratio Lower Upper

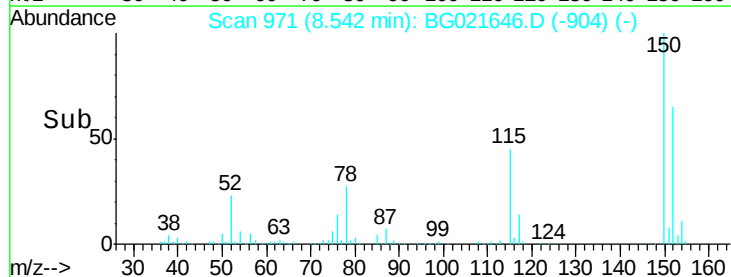
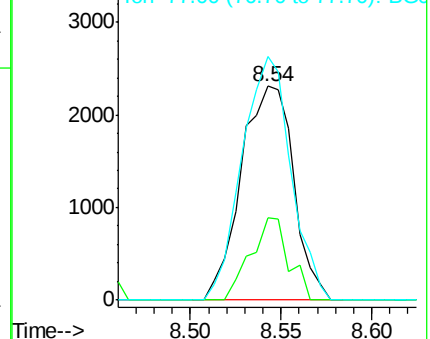
79 100

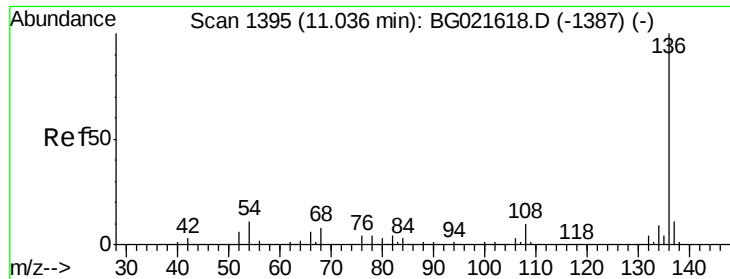
108 38.2 59.4 89.0#

77 113.8 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

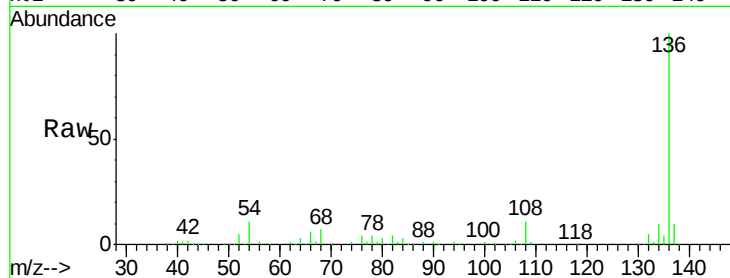




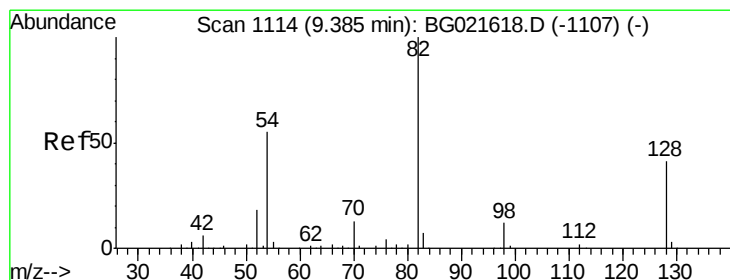
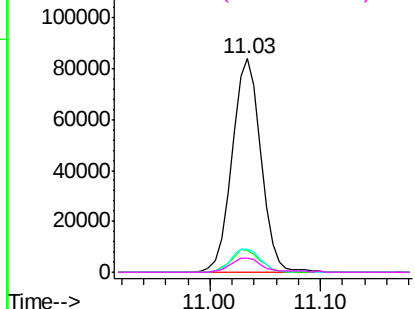
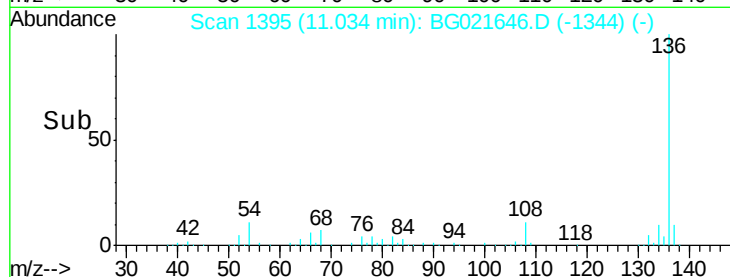
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion:	136	Resp:	153875
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	10.8	9.6	14.4
68	6.8	6.4	9.6

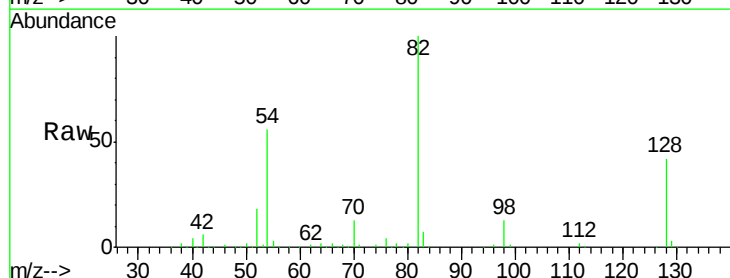


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

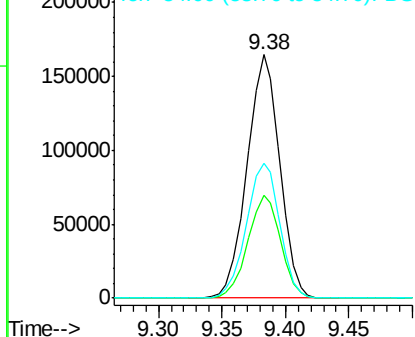
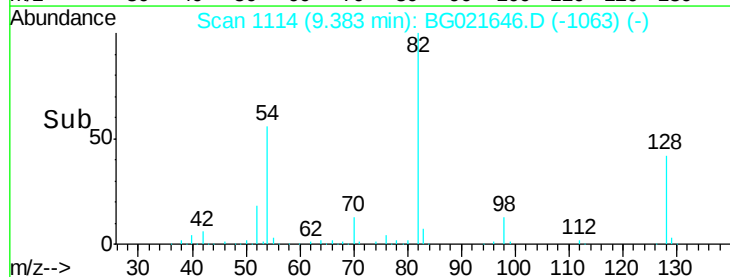


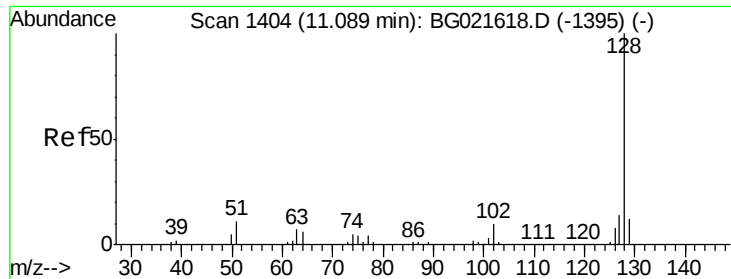
#23
Nitrobenzene-d5
Concen: 98.82 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion:	82	Resp:	295830
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.0
54	55.6	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

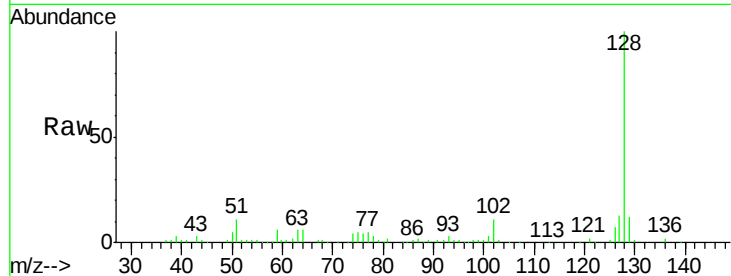




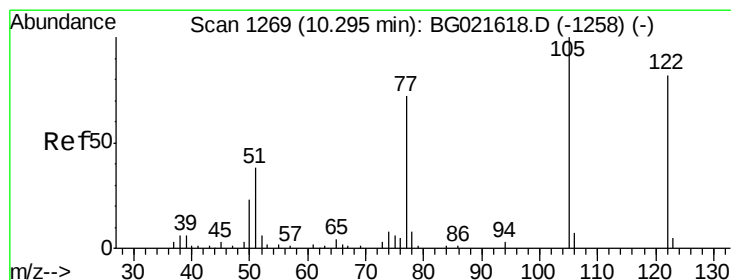
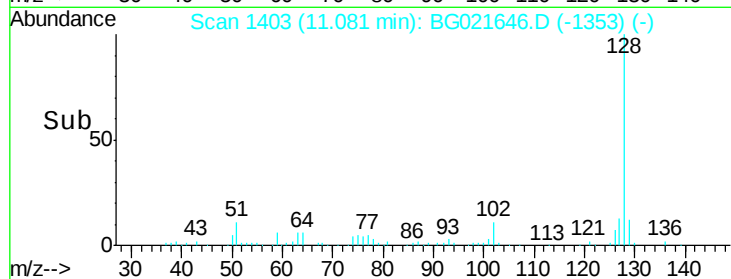
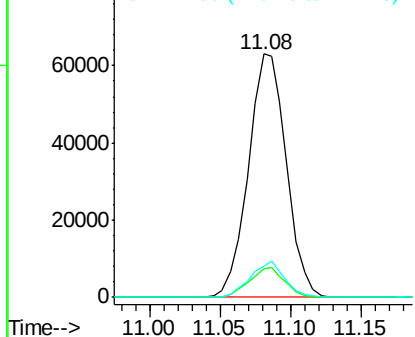
#31
Naphthalene
Concen: 14.37 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion:128 Resp: 118304
Ion Ratio Lower Upper
128 100
129 11.6 7.0 10.6#
127 12.6 10.1 15.1

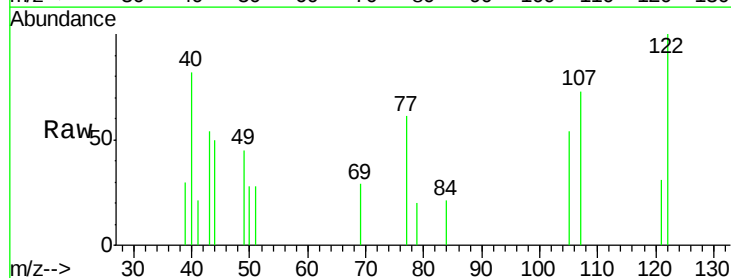


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

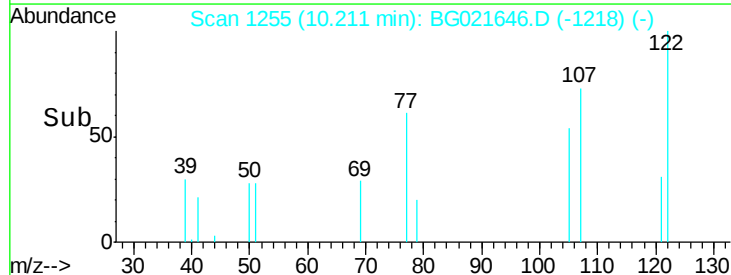
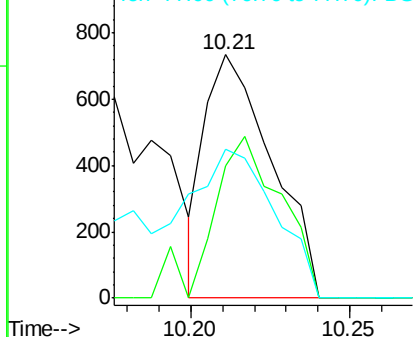


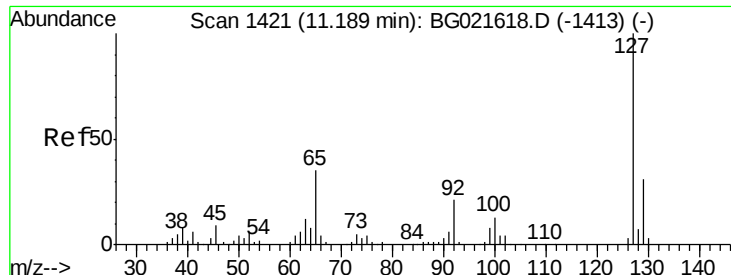
#32
Benzoic acid
Concen: 5.04 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.08 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion:122 Resp: 1071
Ion Ratio Lower Upper
122 100
105 54.4 104.5 144.5#
77 61.4 79.9 119.9#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

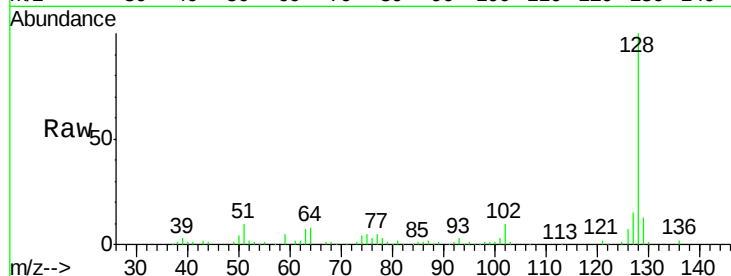




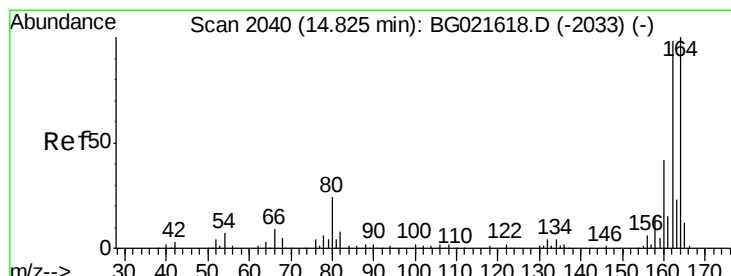
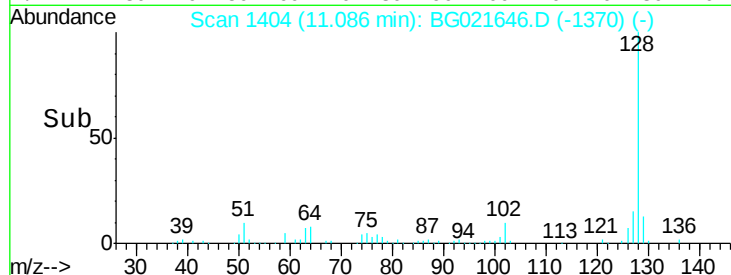
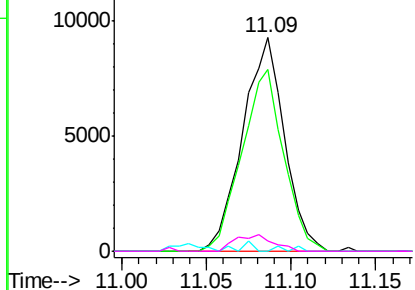
#33
4-Chloroaniline
Concen: 4.47 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.10 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion:	127	Resp:	15951
Ion	Ratio	Lower	Upper
127	100		
129	84.9	26.6	39.8#
65	0.0	27.5	41.3#
92	4.9	14.7	22.1#

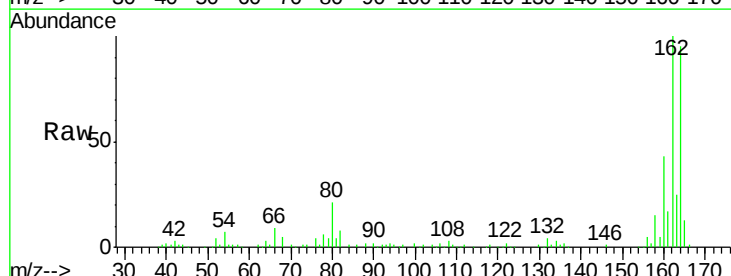


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

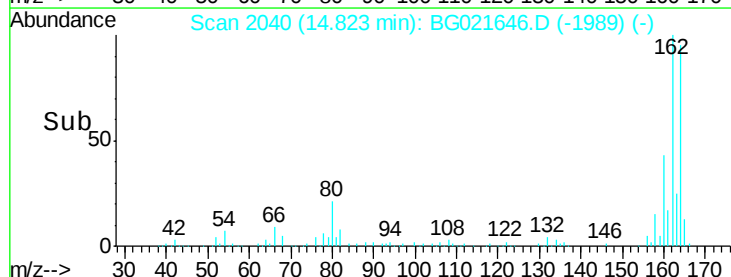
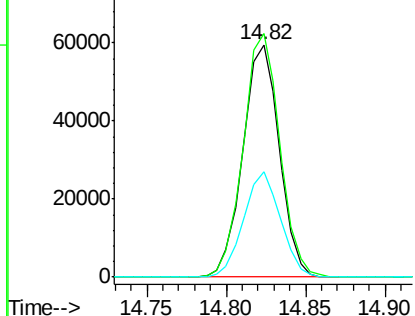


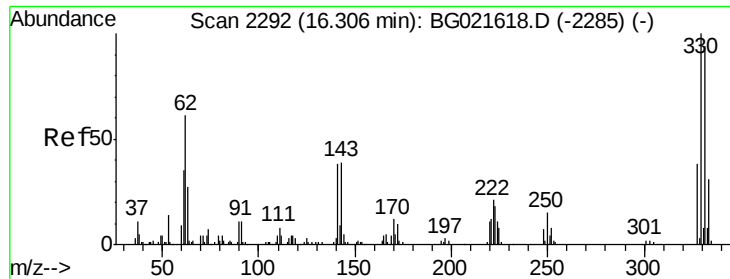
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion:	164	Resp:	94614
Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.0	117.0
160	45.2	32.9	49.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

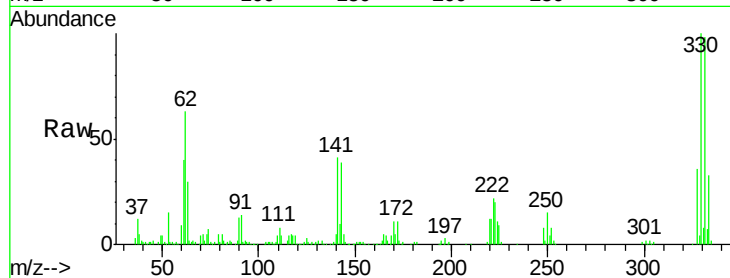




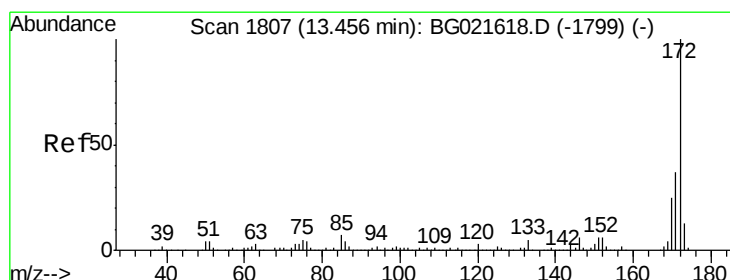
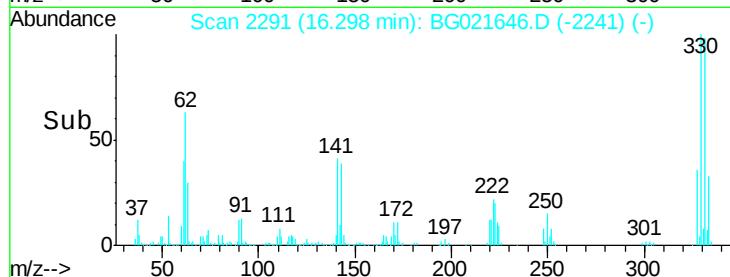
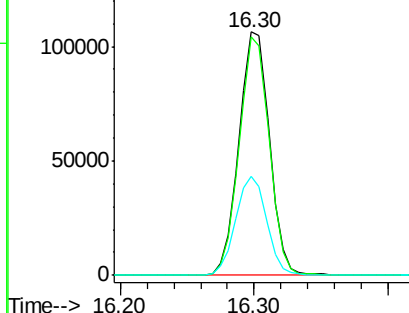
#41
 2,4,6-Tribromophenol
 Concen: 165.48 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021646.D
 Acq: 14 Apr 2016 9:32

Instrument :
 BNA_G
 ClientSampleId :
 GMW-11

Tgt Ion:330 Resp: 168744
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.0 117.0
 141 41.5 33.8 50.8

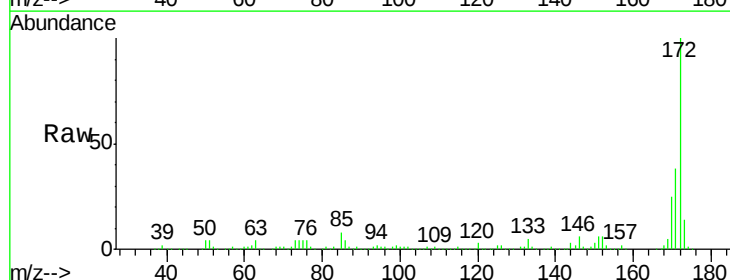


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

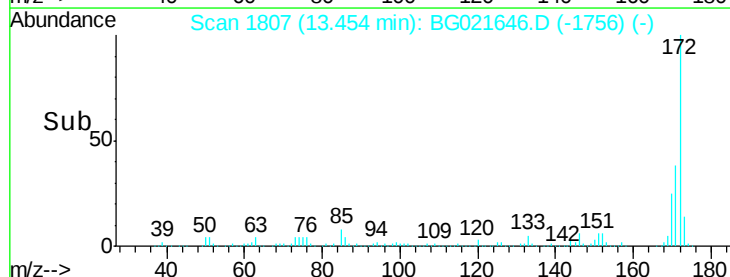
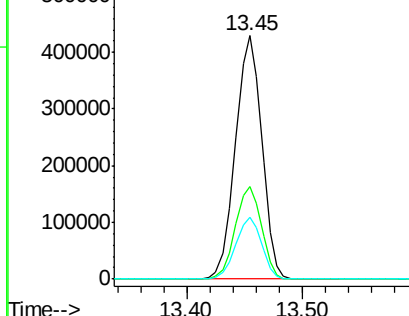


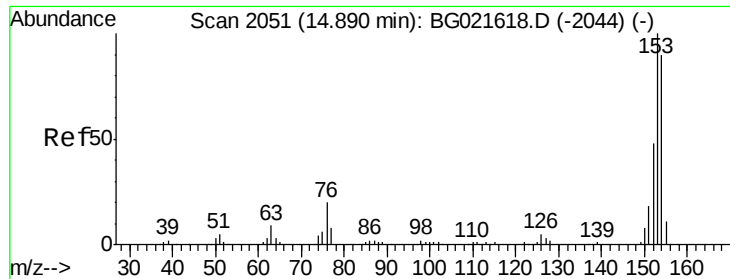
#44
 2-Fluorobiphenyl
 Concen: 104.78 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021646.D
 Acq: 14 Apr 2016 9:32

Tgt Ion:172 Resp: 676644
 Ion Ratio Lower Upper
 172 100
 171 38.0 27.8 41.6
 170 25.3 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





#51

Acenaphthene

Concen: 2.13 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG021646.D

Acq: 14 Apr 2016 9:32

Instrument :

BNA_G

ClientSampled :

GMW-11

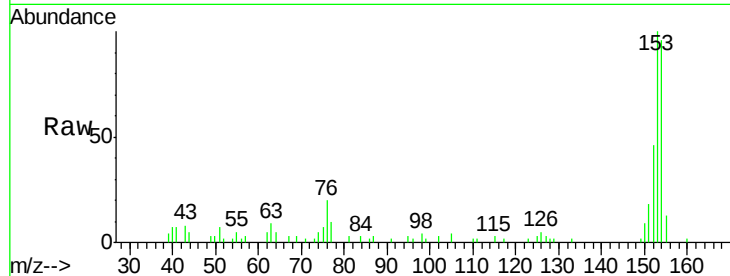
Tgt Ion:154 Resp: 13250

Ion Ratio Lower Upper

154 100

153 104.4 91.9 137.9

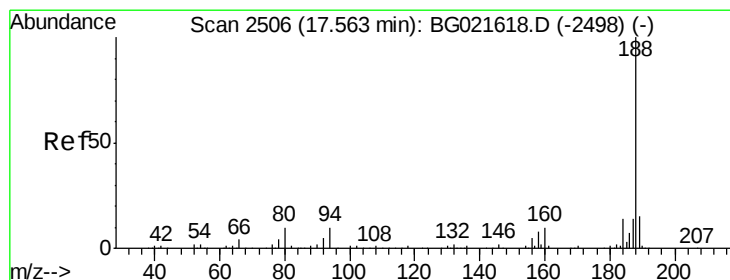
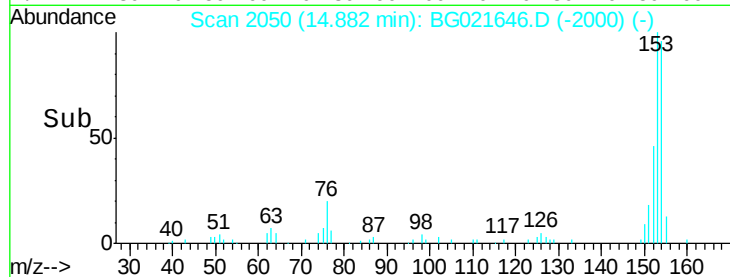
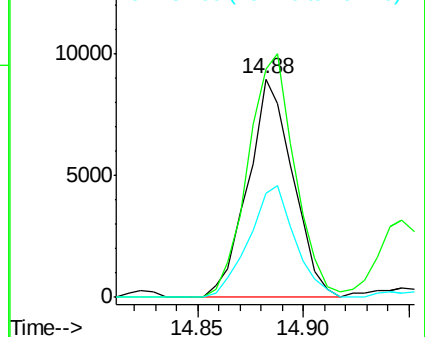
152 47.8 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021646.D

Acq: 14 Apr 2016 9:32

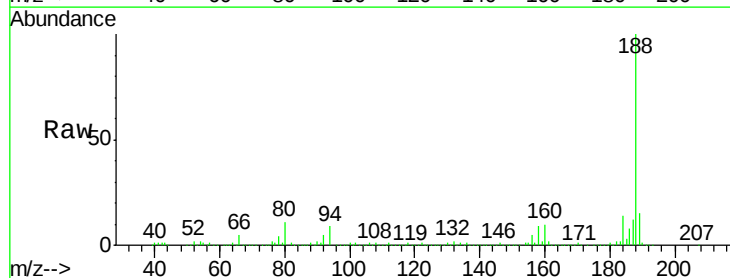
Tgt Ion:188 Resp: 211827

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

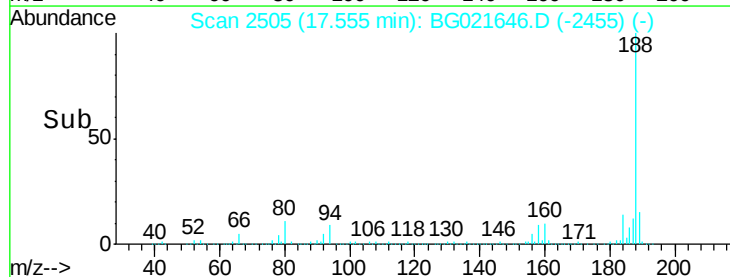
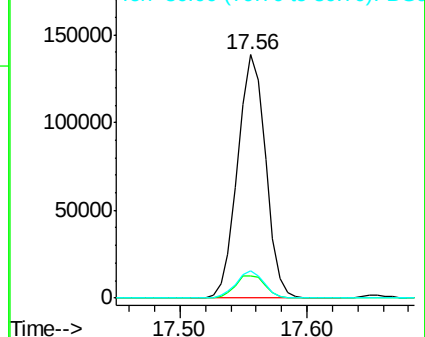
80 11.4 8.6 13.0

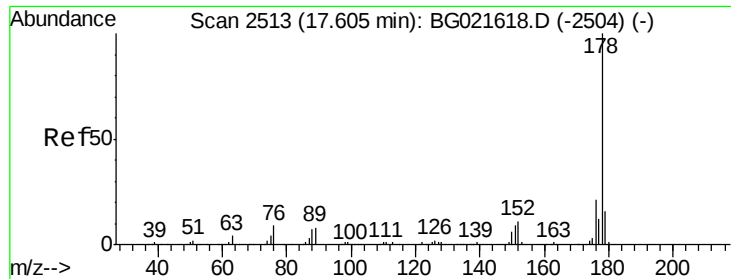


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

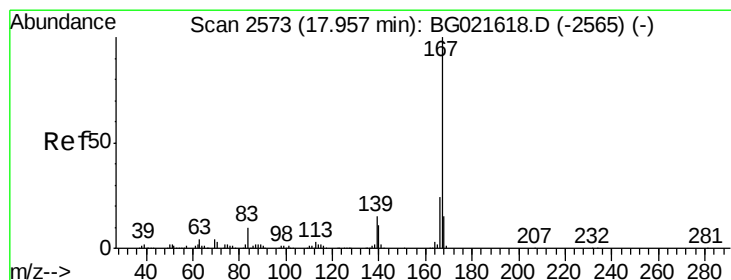
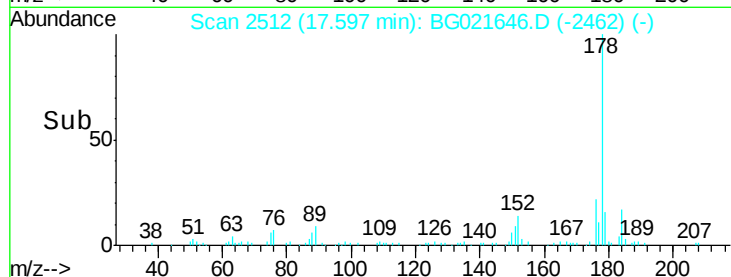
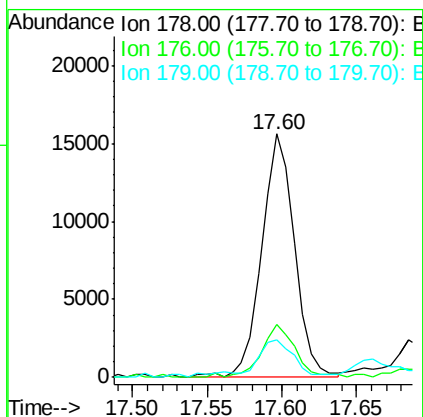
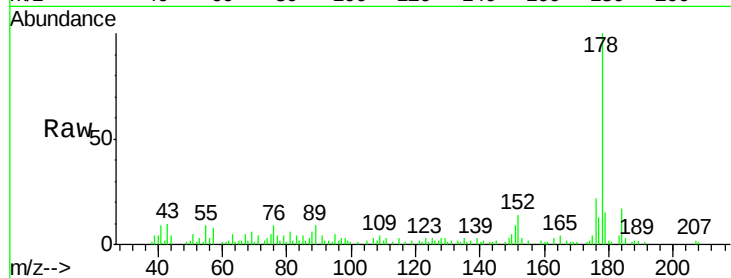




#70
Phenanthrene
Concen: 2.03 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

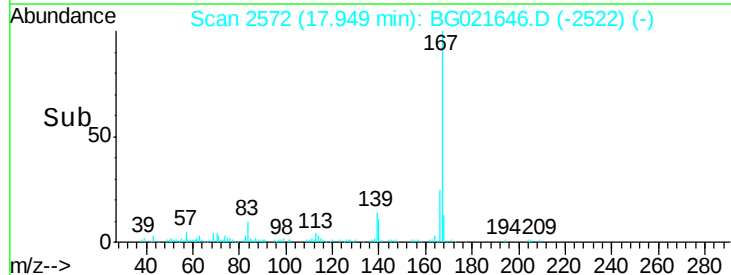
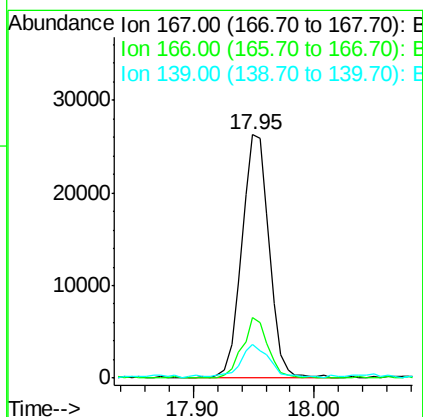
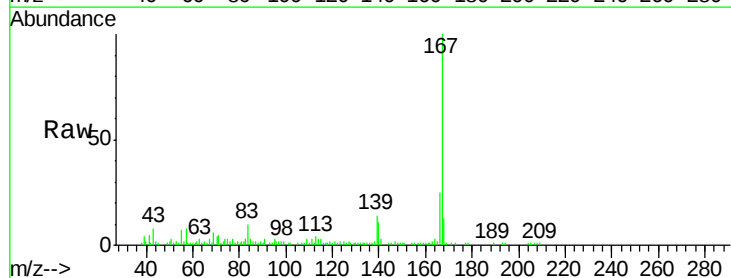
Instrument :
BNA_G
ClientSampleId :
GMW-11

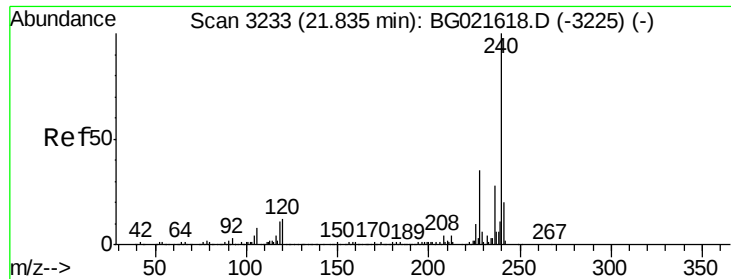
Tgt Ion:178 Resp: 23696
Ion Ratio Lower Upper
178 100
176 21.9 16.2 24.4
179 15.3 12.0 18.0



#72
Carbazole
Concen: 3.76 ng
RT: 17.95 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion:167 Resp: 41541
Ion Ratio Lower Upper
167 100
166 24.8 18.6 27.8
139 13.9 10.6 15.8

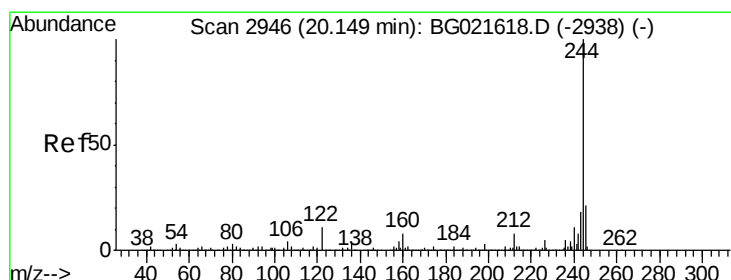
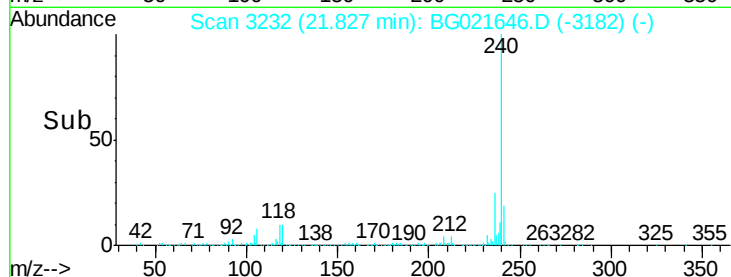
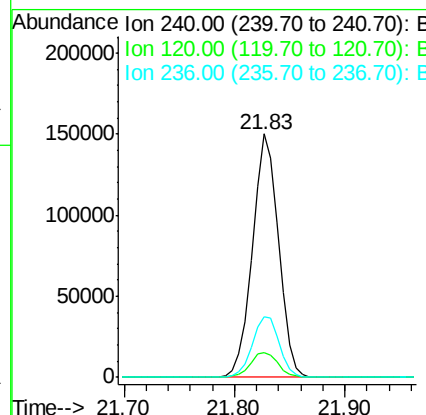
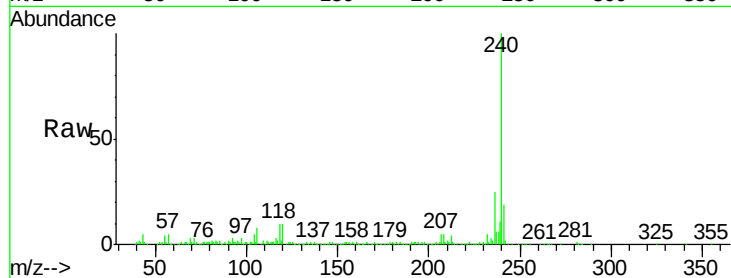




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

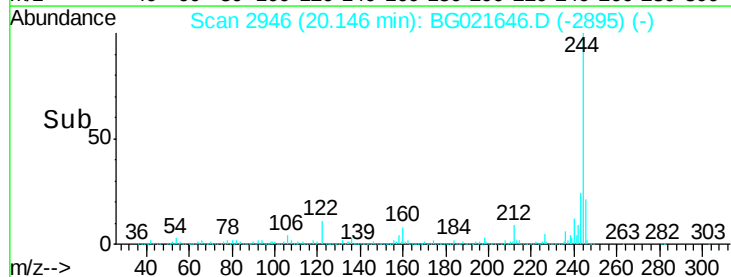
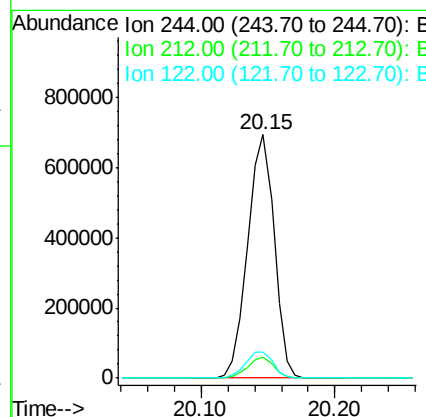
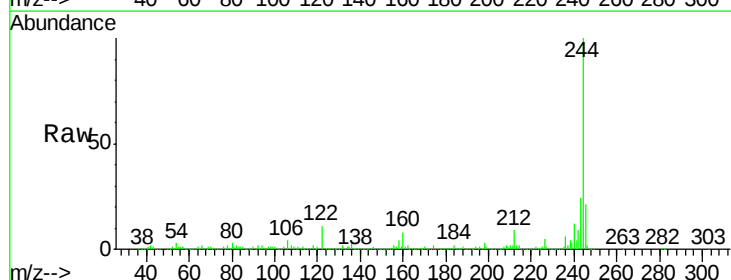
Instrument :
BNA_G
ClientSampleId :
GMW-11

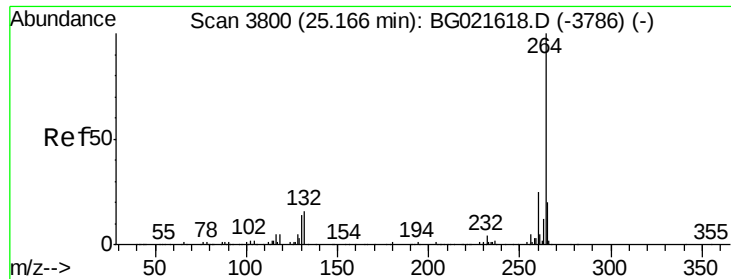
Tgt Ion:240 Resp: 250148
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 25.1 19.6 29.4



#78
Terphenyl-d14
Concen: 94.64 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion:244 Resp: 948804
Ion Ratio Lower Upper
244 100
212 8.8 6.5 9.7
122 10.7 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.2	30.4
265	21.6	17.8	26.8

