

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021654.D
 Acq On : 14 Apr 2016 15:57
 Operator : UM/SJ
 Sample : H2372-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-9

Quant Time: Apr 15 00:51:50 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

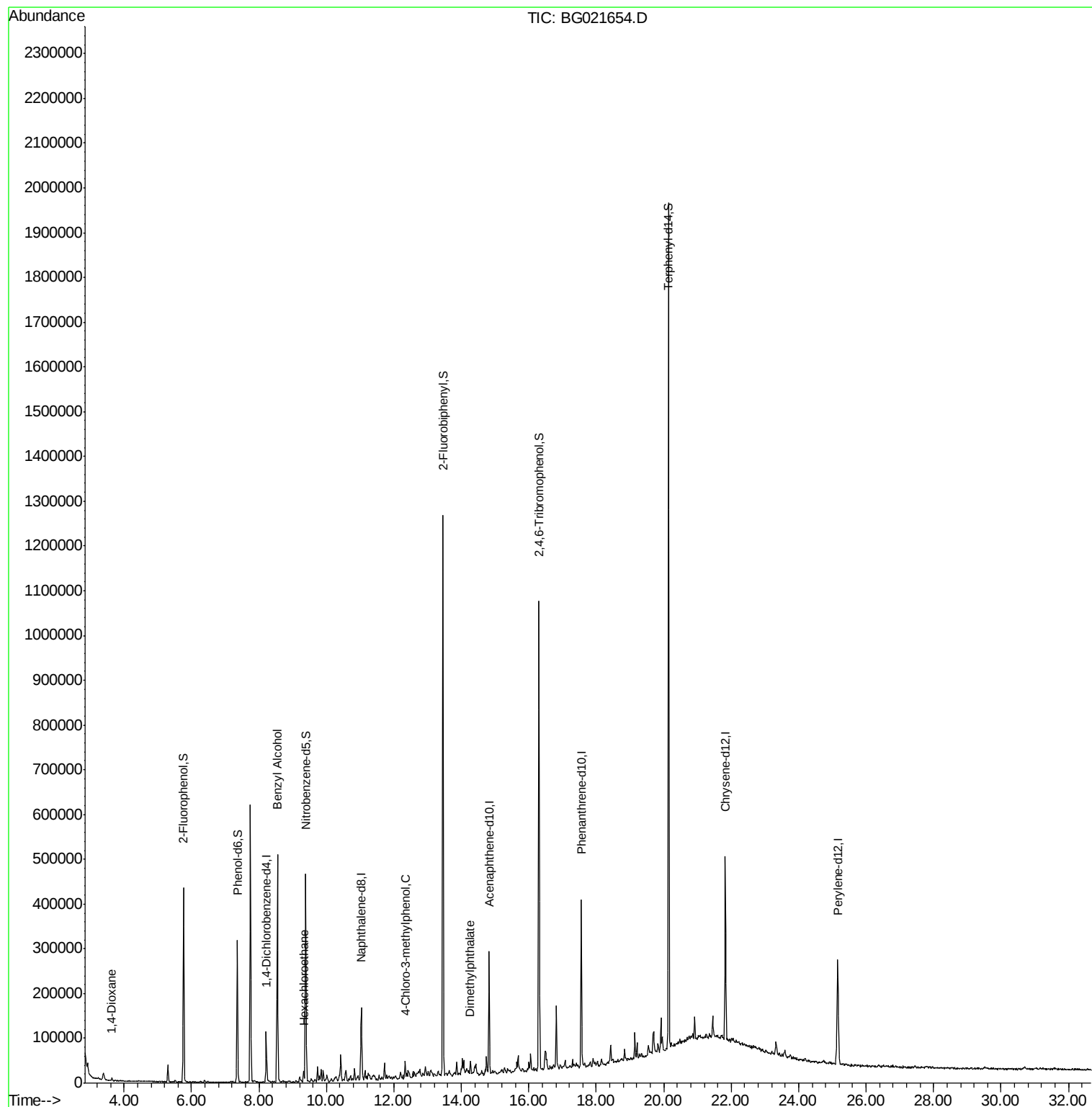
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	31704	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	146227	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	94539	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	219655	20.00	ng	0.00
75) Chrysene-d12	21.83	240	256872	20.00	ng	0.00
86) Perylene-d12	25.16	264	249078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	184089	96.69	ng	0.00
7) Phenol-d6	7.36	99	190847	67.11	ng	0.00
23) Nitrobenzene-d5	9.38	82	286982	100.88	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	171531	168.35	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	648863	100.56	ng	0.00
78) Terphenyl-d14	20.15	244	832854	80.90	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.64	88	3220	3.80	ng	# 78
15) Benzyl Alcohol	8.54	79	4491	2.07	ng	# 55
18) Hexachloroethane	9.32	117	2741	2.90	ng	# 1
36) 4-Chloro-3-methylphenol	12.34	107	7333	2.59	ng	# 22
49) Dimethylphthalate	14.27	163	16859	2.06	ng	98

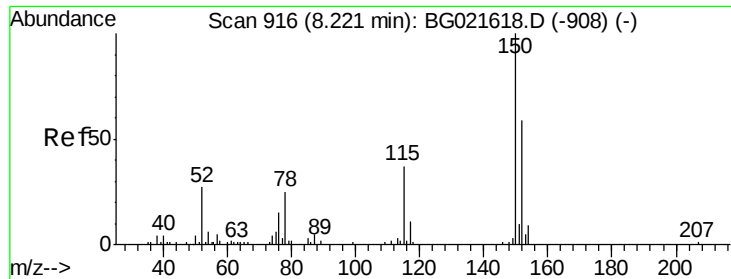
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 13 15:48:13 2016
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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: BG021654.D

Acq: 14 Apr 2016 15:57

Instrument :

BNA_G

ClientSampleId :

GMW-9

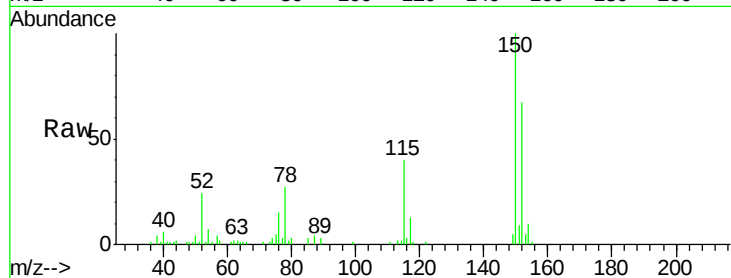
Tgt Ion:152 Resp: 31704

Ion Ratio Lower Upper

152 100

150 149.1 130.1 195.1

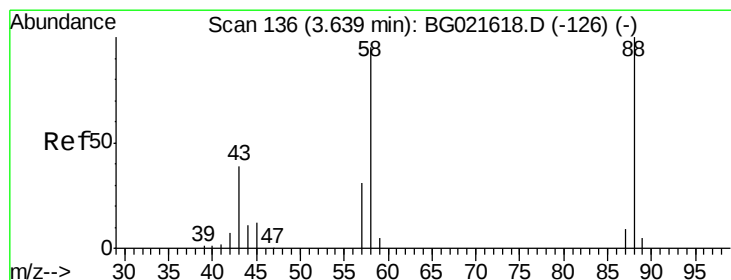
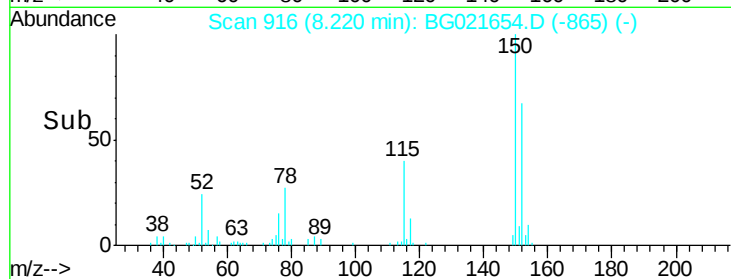
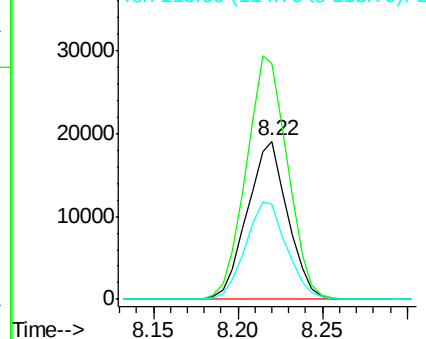
115 59.9 62.2 93.2#



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



#2

1,4-Dioxane

Concen: 3.80 ng

RT: 3.64 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG021654.D

Acq: 14 Apr 2016 15:57

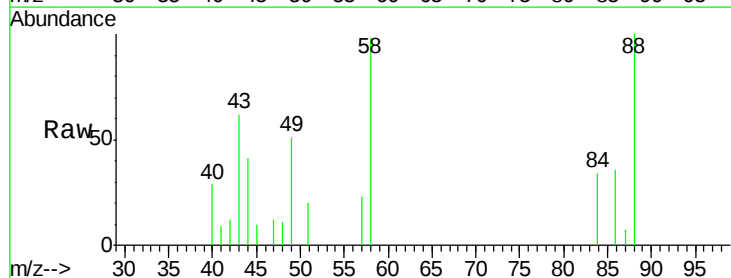
Tgt Ion: 88 Resp: 3220

Ion Ratio Lower Upper

88 100

58 96.4 61.8 92.8#

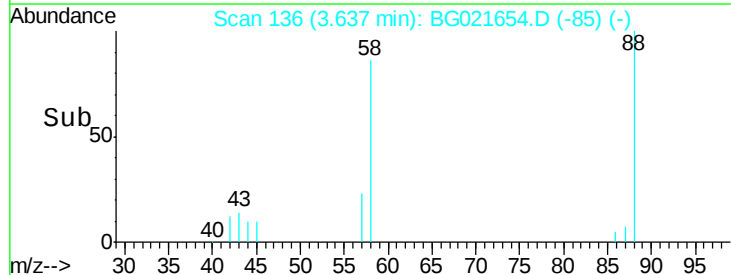
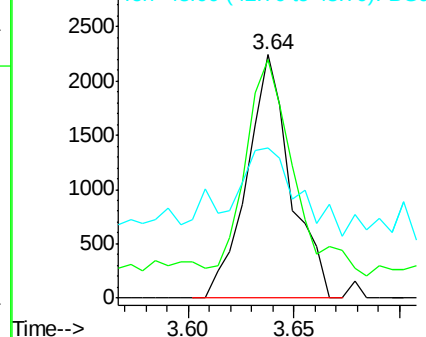
43 46.5 27.3 40.9#

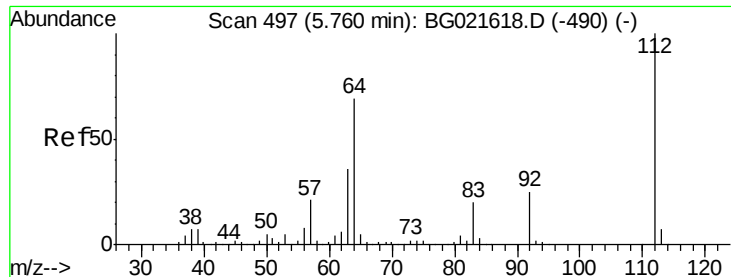


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 96.69 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021654.D

Acq: 14 Apr 2016 15:57

Instrument :

BNA_G

ClientSampleId :

GMW-9

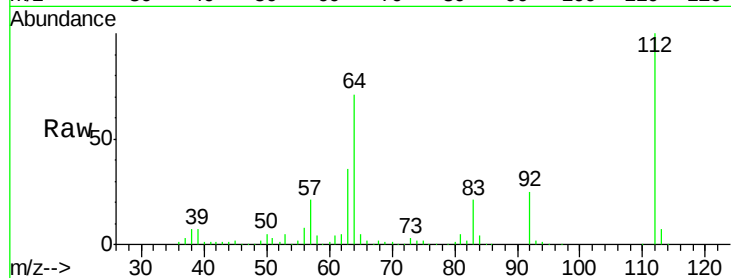
Tgt Ion: 112 Resp: 184089

Ion Ratio Lower Upper

112 100

64 70.9 51.1 76.7

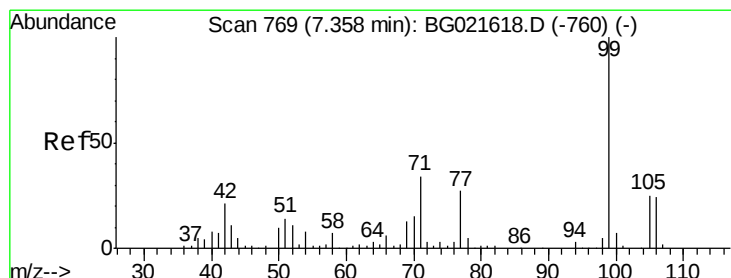
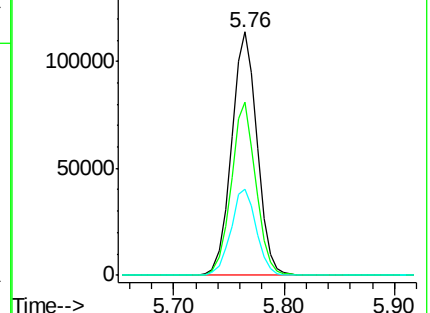
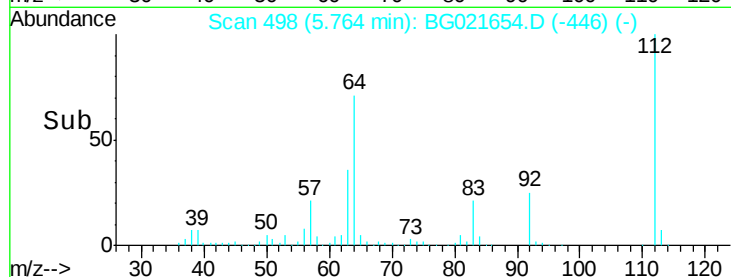
63 35.6 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 67.11 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021654.D

Acq: 14 Apr 2016 15:57

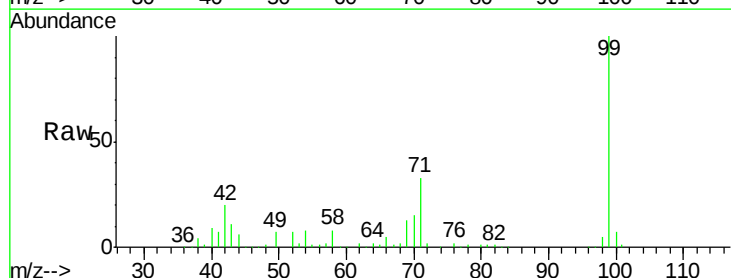
Tgt Ion: 99 Resp: 190847

Ion Ratio Lower Upper

99 100

42 20.1 16.4 24.6

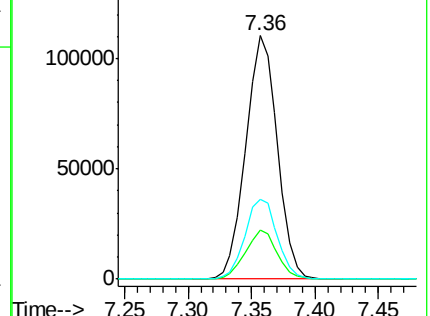
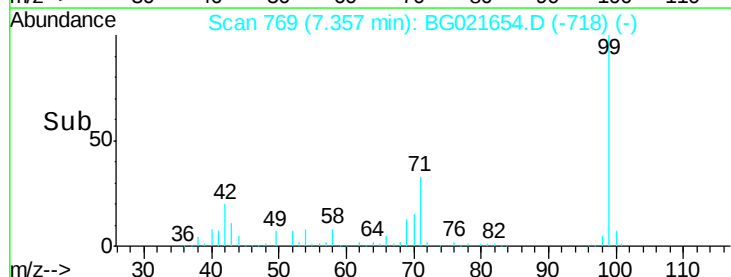
71 32.7 25.0 37.4

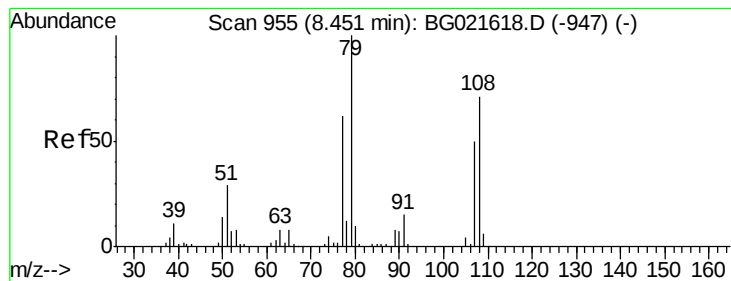


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 8.54 min Scan# 971

Delta R.T. 0.09 min

Lab File: BG021654.D

Acq: 14 Apr 2016 15:57

Instrument :

BNA_G

ClientSampleId :

GMW-9

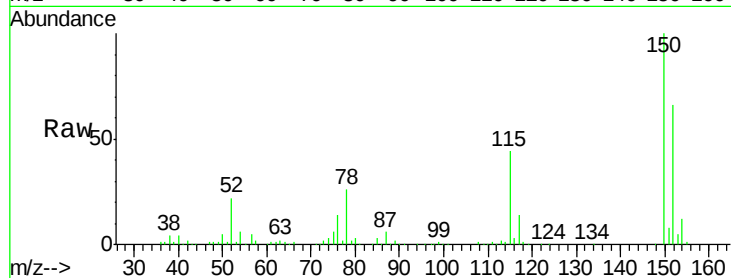
Tgt Ion: 79 Resp: 4491

Ion Ratio Lower Upper

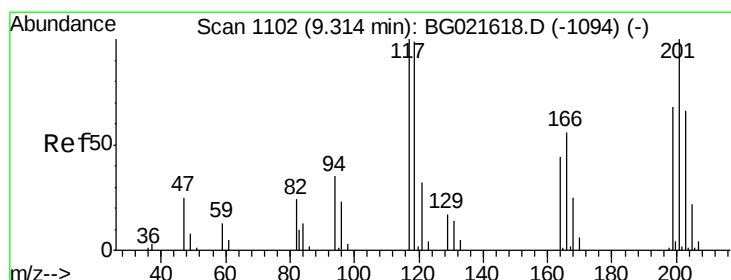
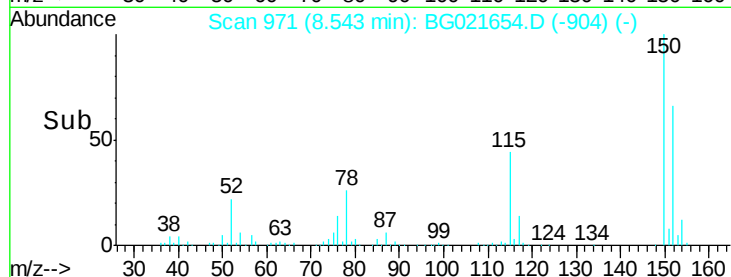
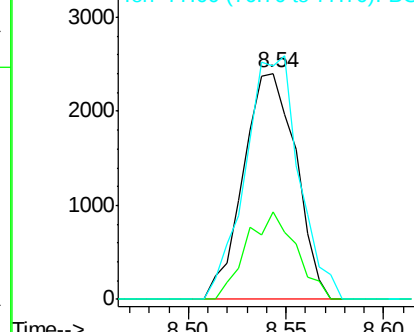
79 100

108 38.9 59.4 89.0#

77 103.3 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



#18

Hexachloroethane

Concen: 2.90 ng

RT: 9.32 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BG021654.D

Acq: 14 Apr 2016 15:57

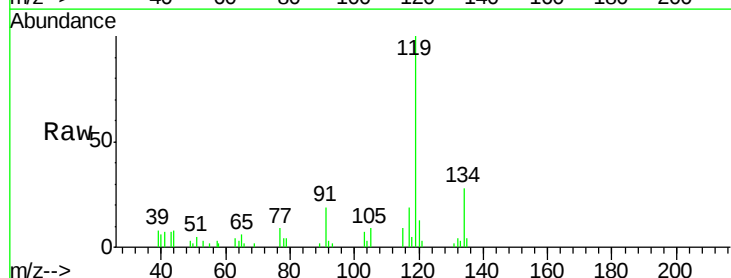
Tgt Ion: 117 Resp: 2741

Ion Ratio Lower Upper

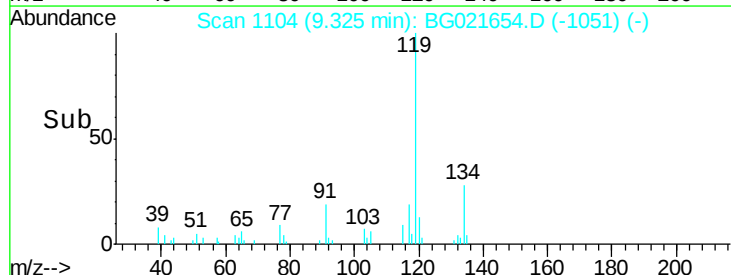
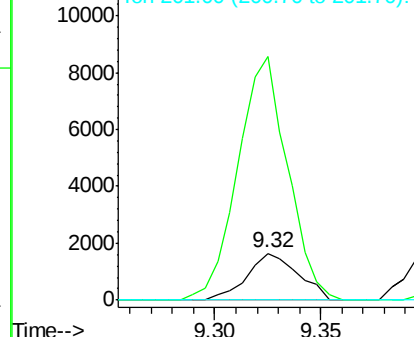
117 100

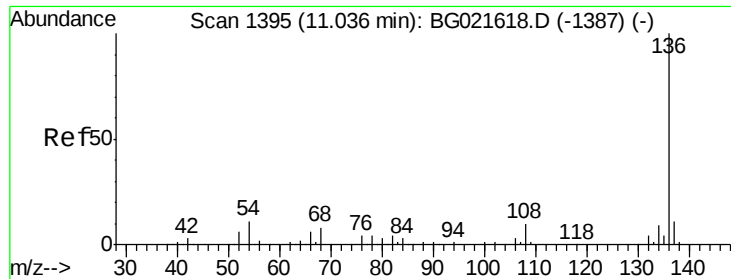
119 523.7 63.9 95.9#

201 0.0 61.2 91.8#



Abundance Ion 117.00 (116.70 to 117.70): BGC
Ion 119.00 (118.70 to 119.70): BGC
Ion 201.00 (200.70 to 201.70): BGC

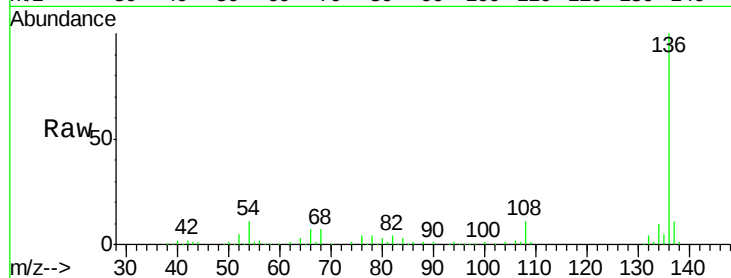




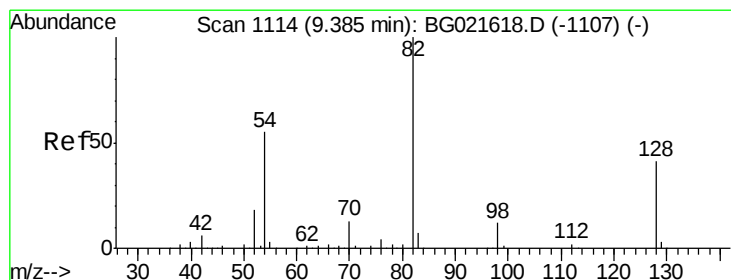
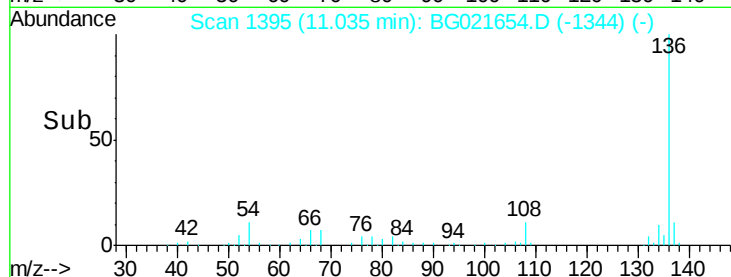
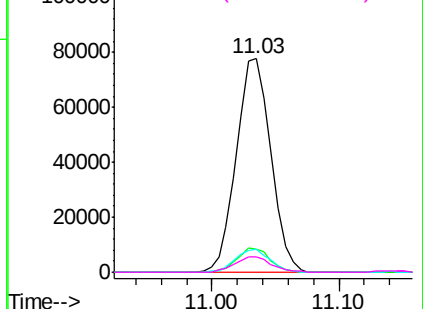
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021654.D
Acq: 14 Apr 2016 15:57

Instrument :
BNA_G
ClientSampleId :
GMW-9

Tgt Ion:	136	Resp:	146227
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	10.6	9.6	14.4
68	7.0	6.4	9.6

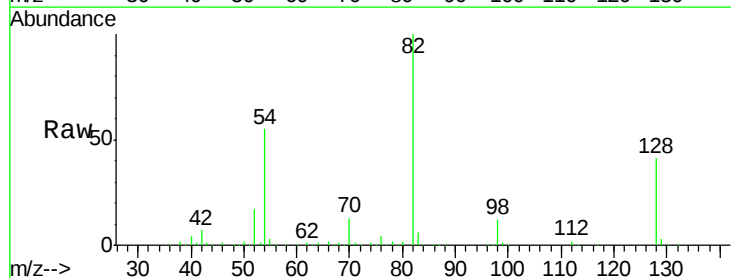


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

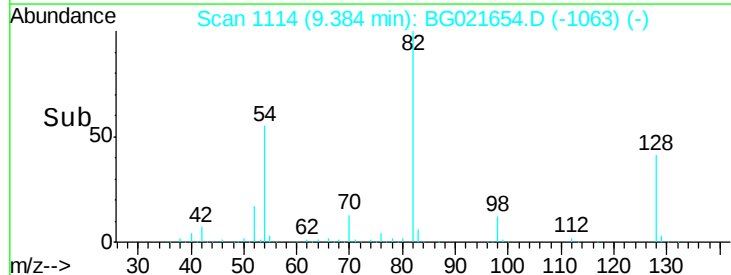
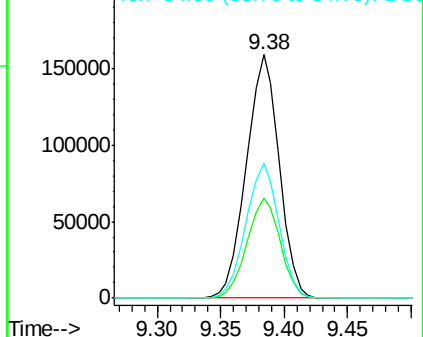


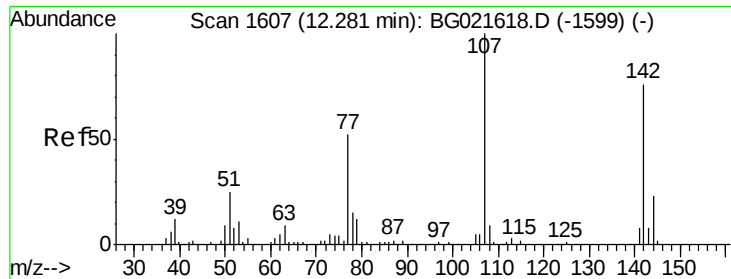
#23
Nitrobenzene-d5
Concen: 100.88 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021654.D
Acq: 14 Apr 2016 15:57

Tgt Ion:	82	Resp:	286982
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.4	50.0
54	55.3	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

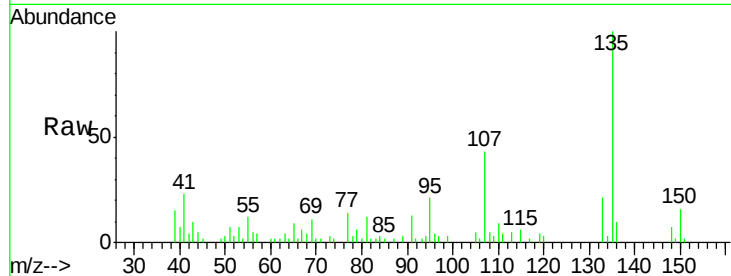




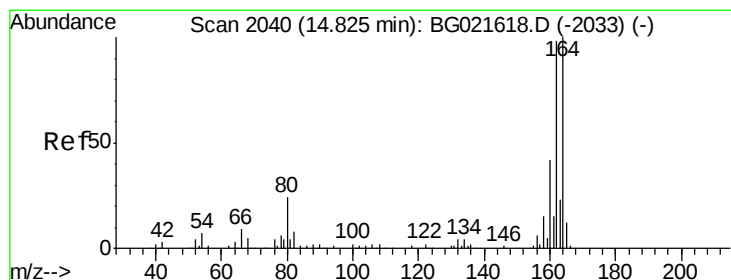
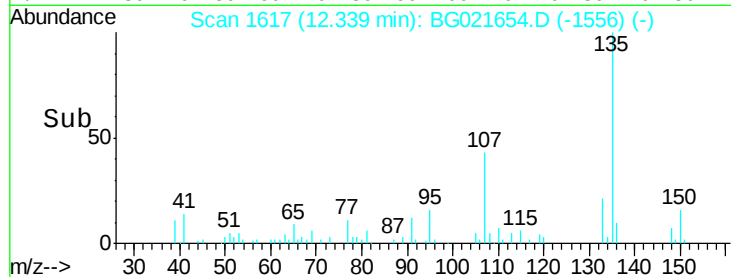
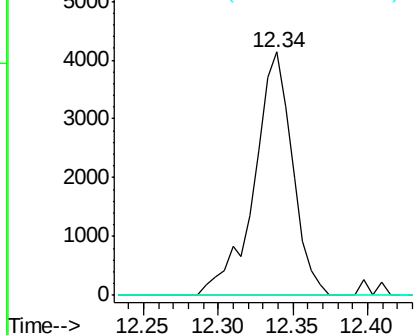
#36
4-Chloro-3-methylphenol
Concen: 2.59 ng
RT: 12.34 min Scan# 1617
Delta R.T. 0.06 min
Lab File: BG021654.D
Acq: 14 Apr 2016 15:57

Instrument :
BNA_G
ClientSampled :
GMW-9

Tgt Ion:107 Resp: 7333
Ion Ratio Lower Upper
107 100
144 0.0 19.2 28.8#
142 0.0 59.1 88.7#

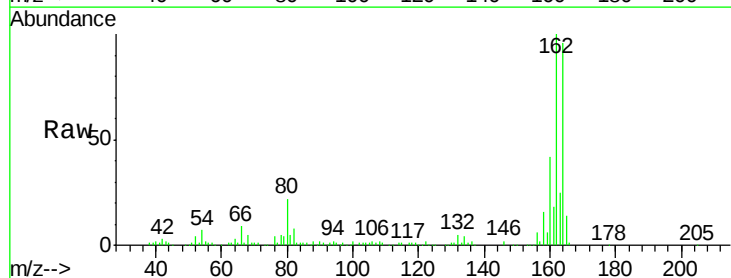


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

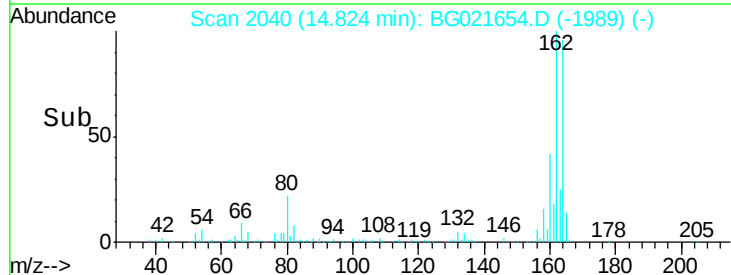
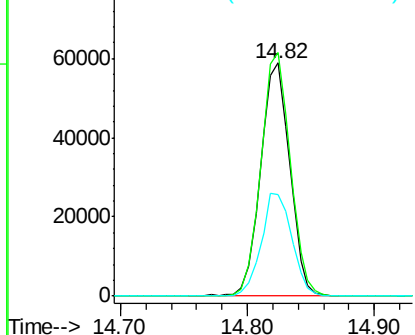


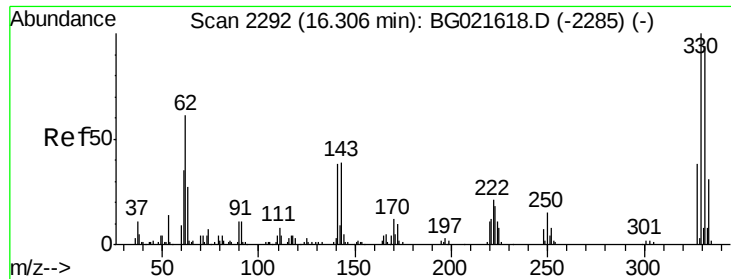
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021654.D
Acq: 14 Apr 2016 15:57

Tgt Ion:164 Resp: 94539
Ion Ratio Lower Upper
164 100
162 104.6 78.0 117.0
160 43.8 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

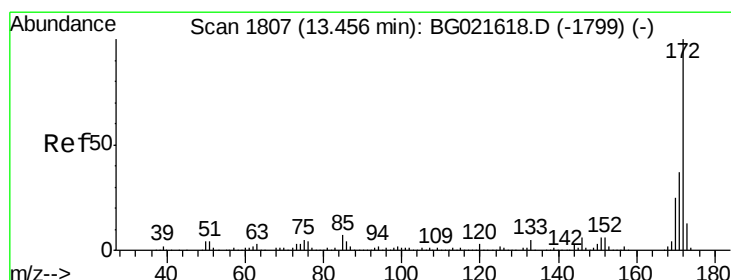
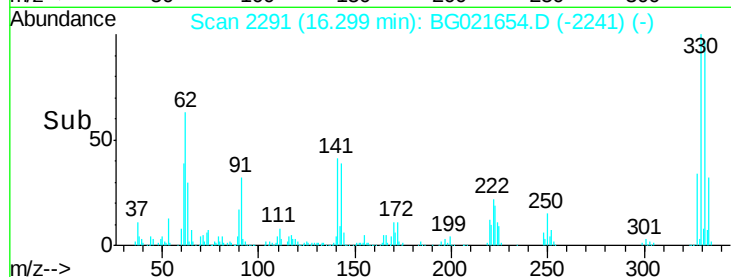
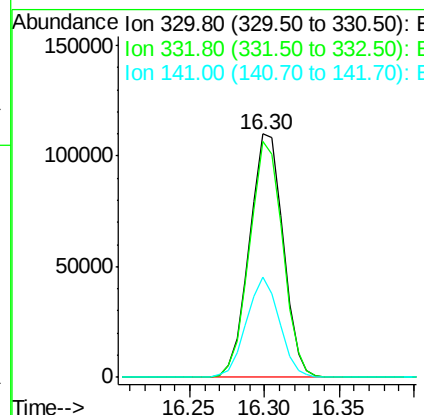
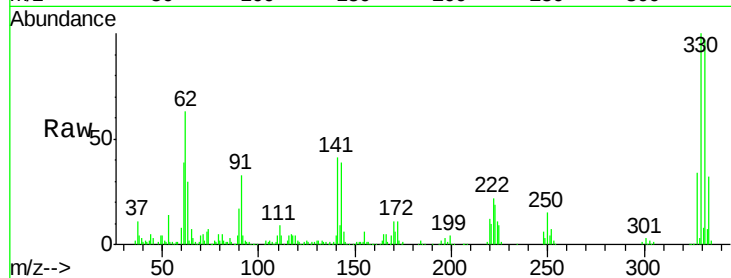




#41
 2,4,6-Tribromophenol
 Concen: 168.35 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021654.D
 Acq: 14 Apr 2016 15:57

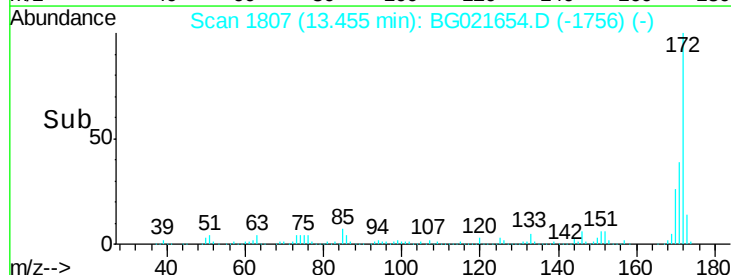
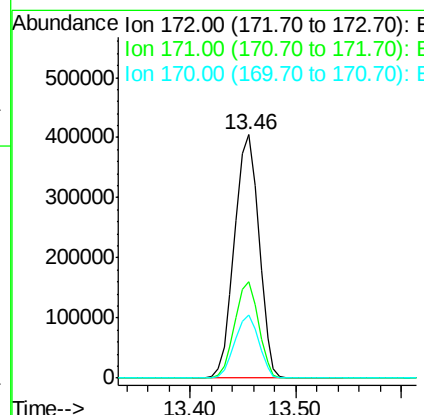
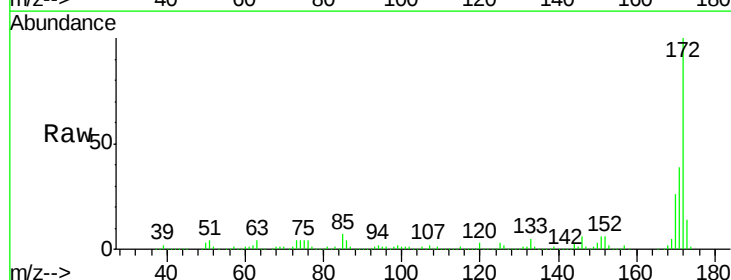
Instrument :
 BNA_G
 ClientSampleId :
 GMW-9

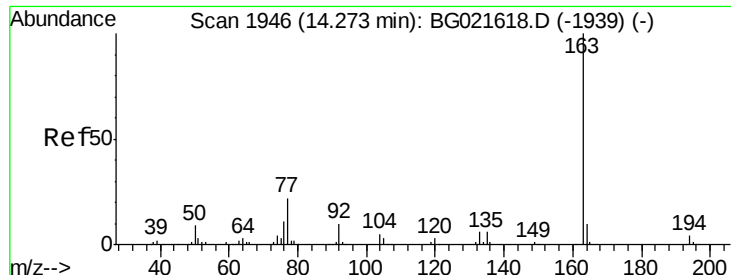
Tgt Ion:330 Resp: 171531
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.0 117.0
 141 40.3 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 100.56 ng
 RT: 13.46 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021654.D
 Acq: 14 Apr 2016 15:57

Tgt Ion:172 Resp: 648863
 Ion Ratio Lower Upper
 172 100
 171 39.4 27.8 41.6
 170 26.0 19.6 29.4





#49

Dimethylphthalate

Concen: 2.06 ng

RT: 14.27 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021654.D

Acq: 14 Apr 2016 15:57

Instrument :

BNA_G

ClientSampleId :

GMW-9

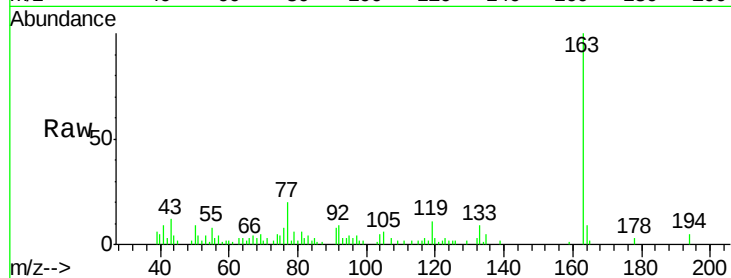
Tgt Ion:163 Resp: 16859

Ion Ratio Lower Upper

163 100

194 4.5 3.0 4.6

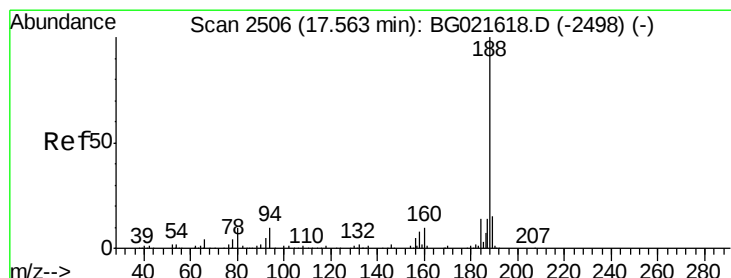
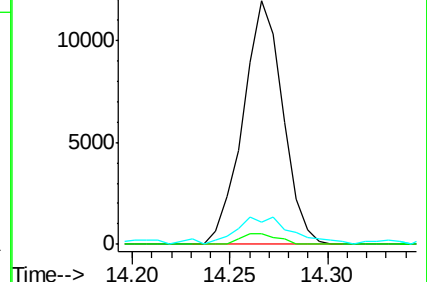
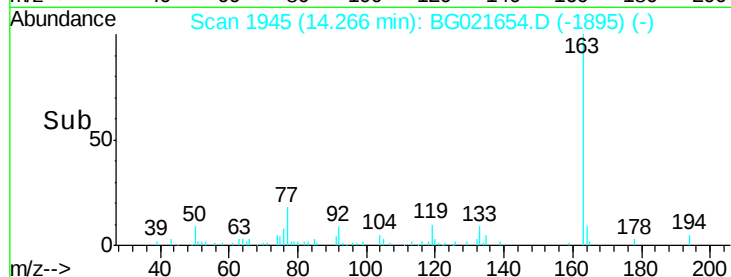
164 9.1 8.1 12.1



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: BG021654.D

Acq: 14 Apr 2016 15:57

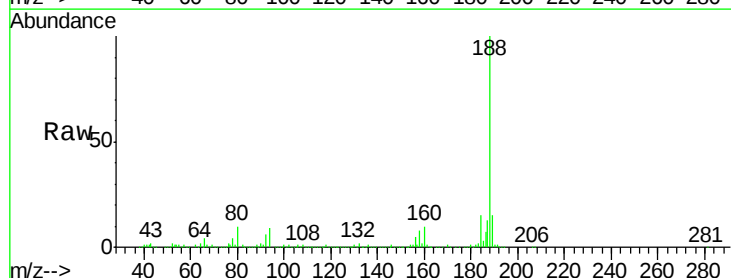
Tgt Ion:188 Resp: 219655

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

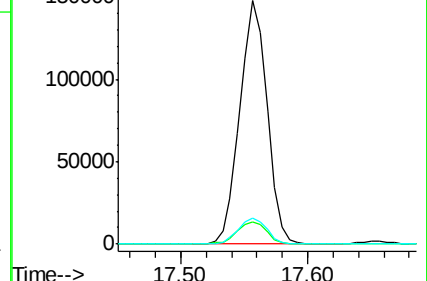
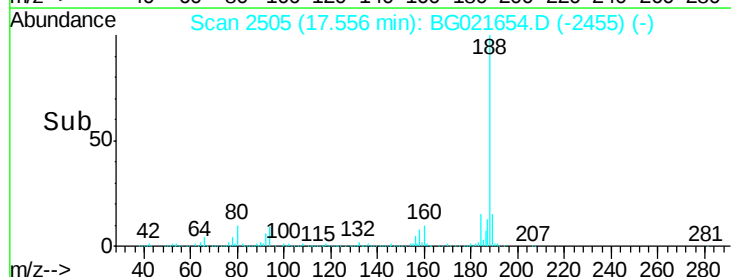
80 10.4 8.6 13.0

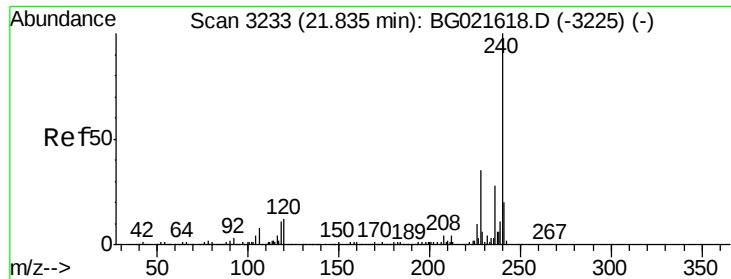


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG021654.D

Acq: 14 Apr 2016 15:57

Instrument :

BNA_G

ClientSampleId :

GMW-9

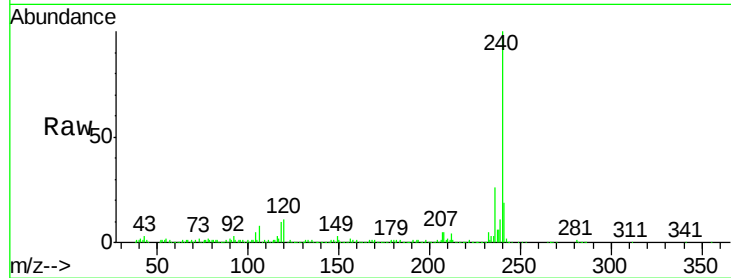
Tgt Ion:240 Resp: 256872

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

236 25.8 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

21.83

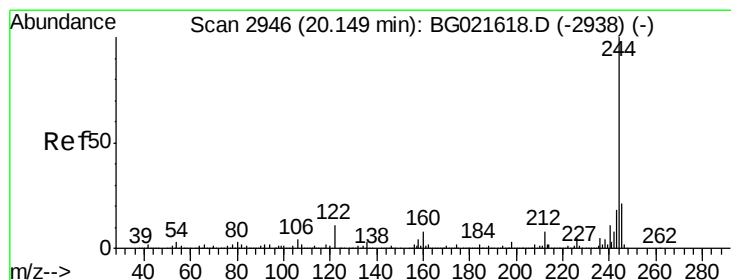
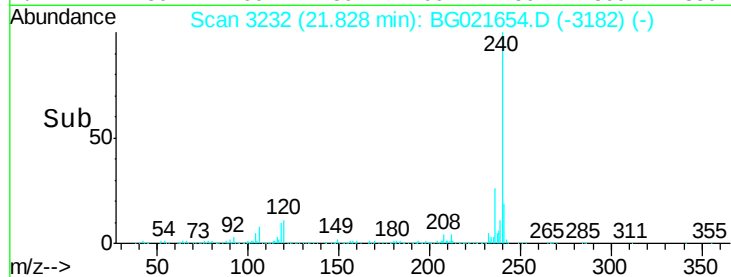
150000

100000

50000

0

Time--> 21.70 21.80 21.90



#78

Terphenyl-d14

Concen: 80.90 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG021654.D

Acq: 14 Apr 2016 15:57

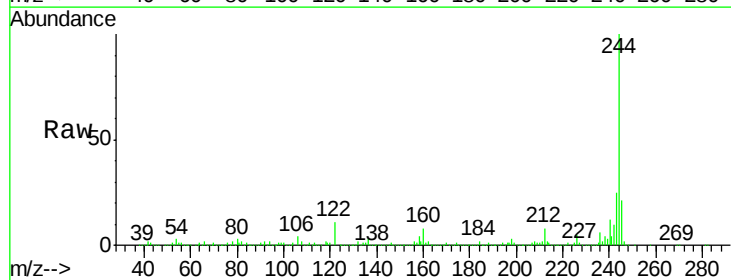
Tgt Ion:244 Resp: 832854

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 10.8 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

20.15

800000

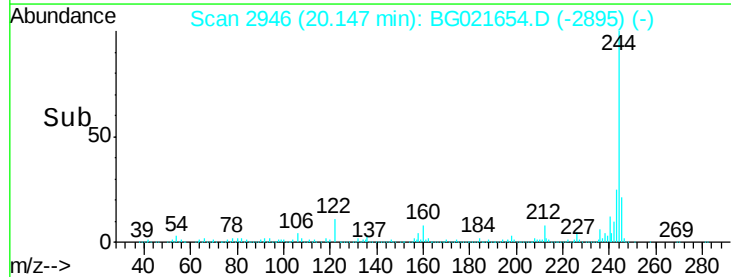
600000

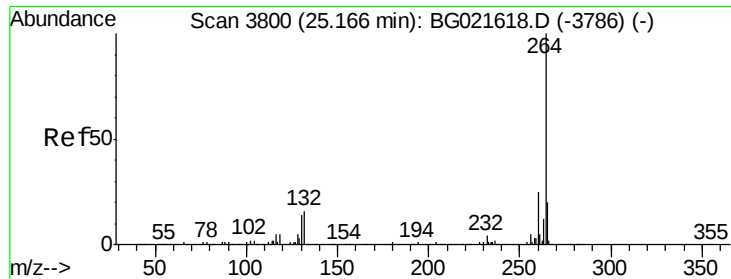
400000

200000

0

Time--> 20.05 20.10 20.15 20.20





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG021654.D
Acq: 14 Apr 2016 15:57

Instrument :
BNA_G
ClientSampleId :
GMW-9

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.2	30.4
265	21.8	17.8	26.8

