

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073016\
 Data File : BG023350.D
 Acq On : 30 Jul 2016 1:55
 Operator : UM/SJ
 Sample : H4176-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MS

Quant Time: Jul 30 03:18:52 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

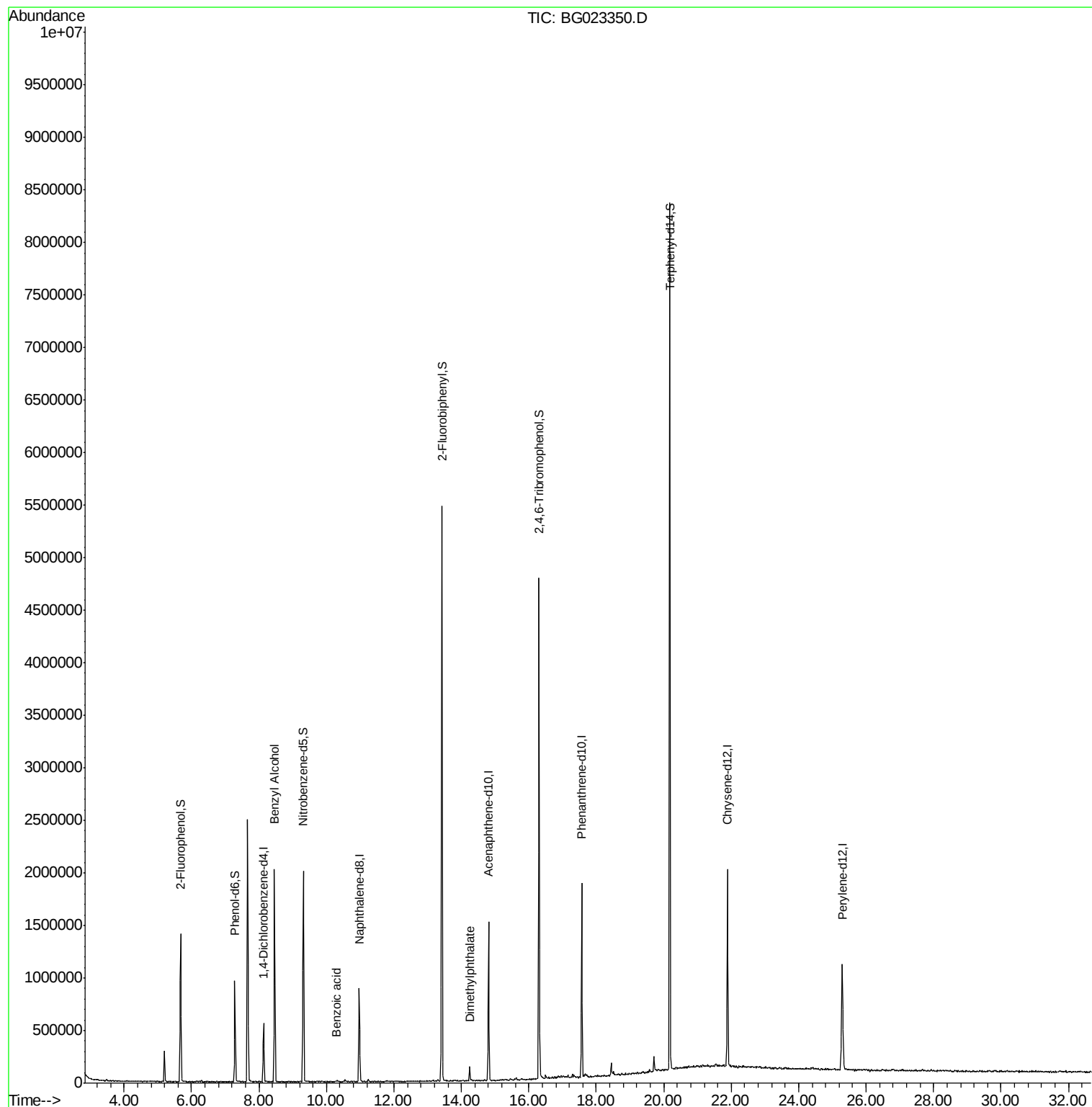
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	157123	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	732922	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	496440	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1096632	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1108299	20.00	ng	0.00
86) Perylene-d12	25.29	264	1133797	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	626337	68.05	ng	0.00
7) Phenol-d6	7.29	99	622593	44.06	ng	0.00
23) Nitrobenzene-d5	9.31	82	1312332	87.56	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	850656	165.55	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2590864	97.68	ng	0.00
78) Terphenyl-d14	20.18	244	3028623	88.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.45	79	20336	2.14	ng	# 53
32) Benzoic acid	10.29	122	67	8.12	ng	# 39
49) Dimethylphthalate	14.25	163	84859	2.32	ng	98

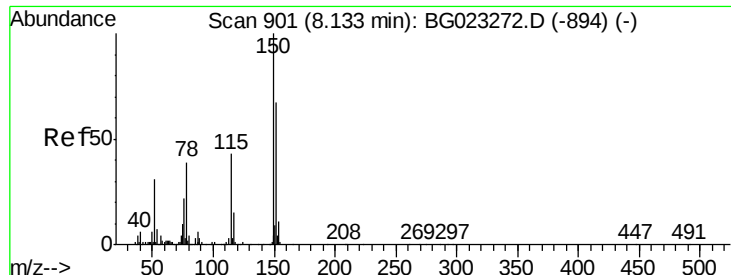
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023350.D

Acq: 30 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0MS

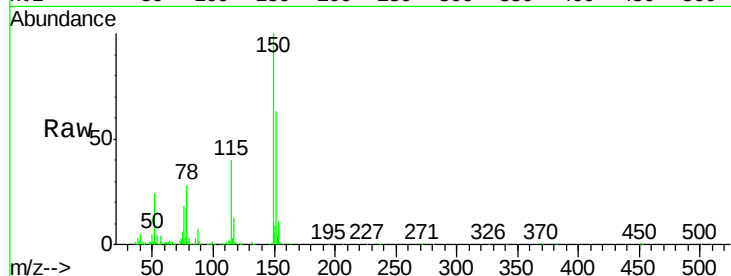
Tgt Ion:152 Resp: 157123

Ion Ratio Lower Upper

152 100

150 159.7 144.7 217.1

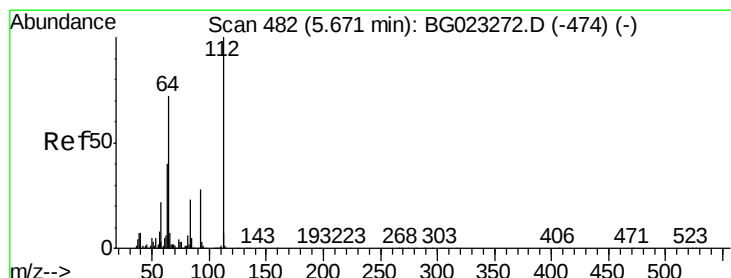
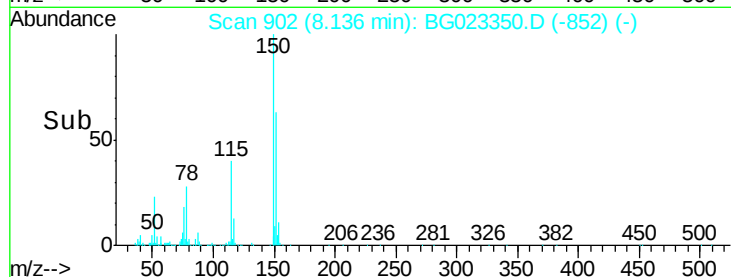
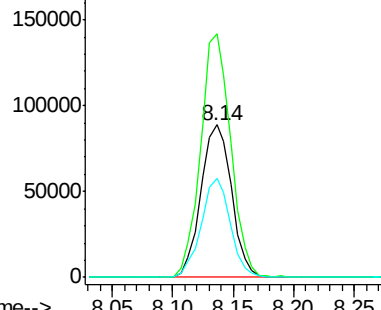
115 64.5 64.0 96.0



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: 68.05 ng

RT: 5.67 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023350.D

Acq: 30 Jul 2016 1:55

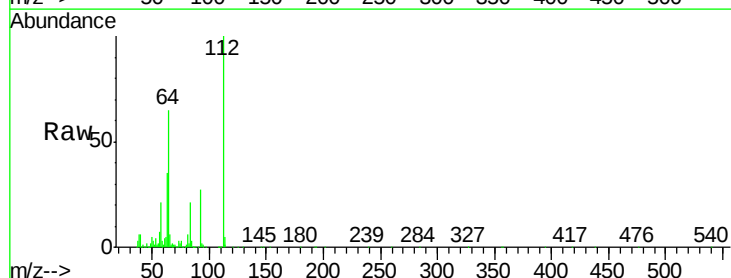
Tgt Ion:112 Resp: 626337

Ion Ratio Lower Upper

112 100

64 65.2 59.0 88.4

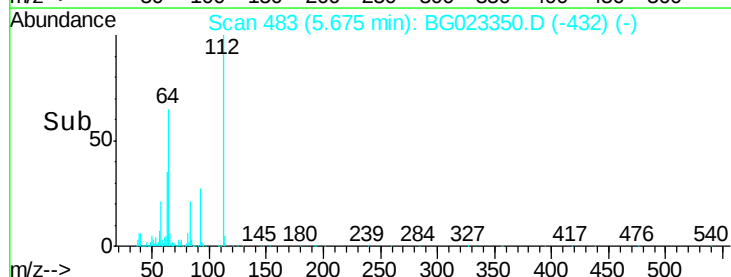
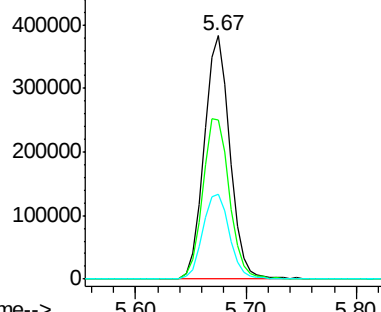
63 35.0 37.8 56.8#

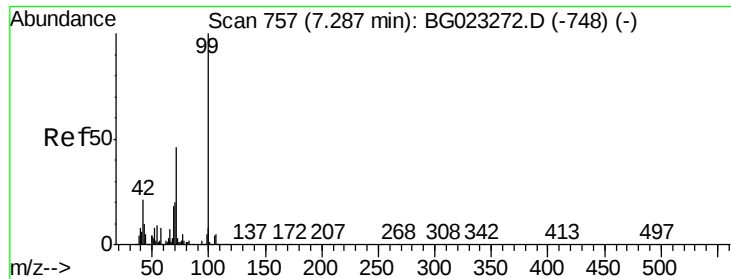


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.06 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023350.D

Acq: 30 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0MS

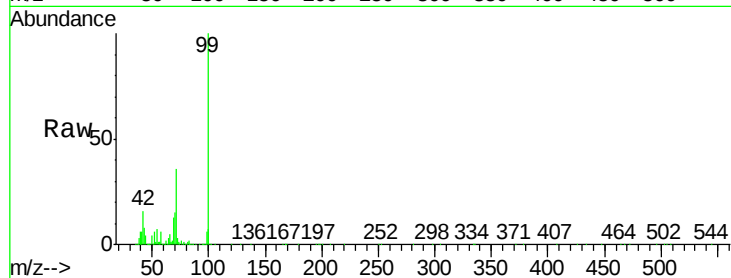
Tgt Ion: 99 Resp: 622593

Ion Ratio Lower Upper

99 100

42 15.7 17.8 26.6#

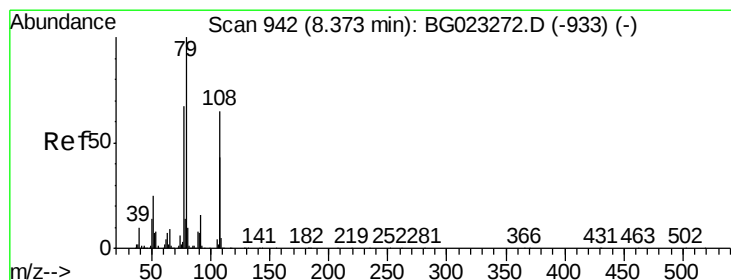
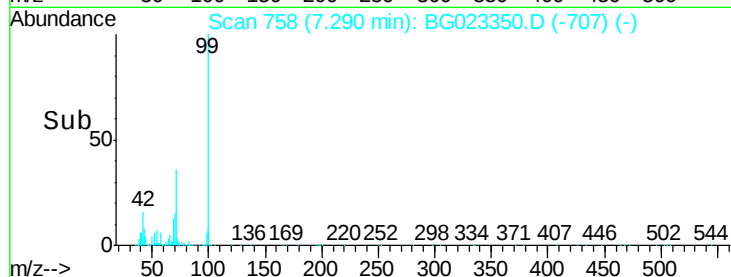
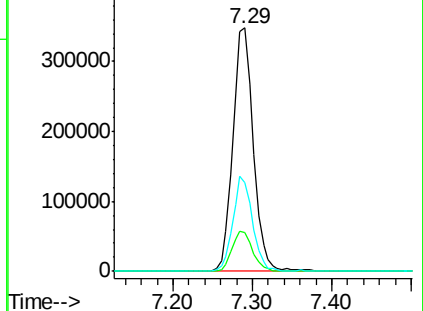
71 36.4 41.5 62.3#



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: 2.14 ng

RT: 8.45 min Scan# 956

Delta R.T. 0.07 min

Lab File: BG023350.D

Acq: 30 Jul 2016 1:55

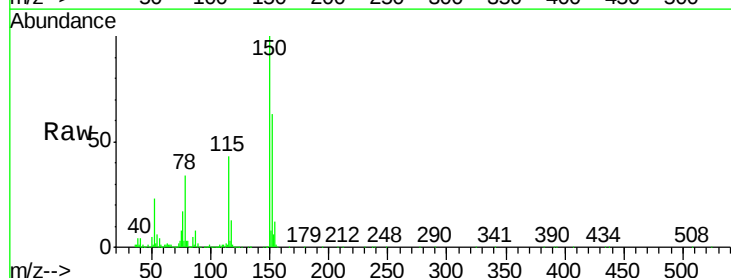
Tgt Ion: 79 Resp: 20336

Ion Ratio Lower Upper

79 100

108 20.4 46.5 69.7#

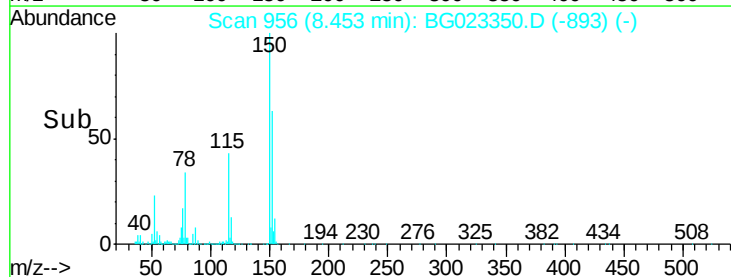
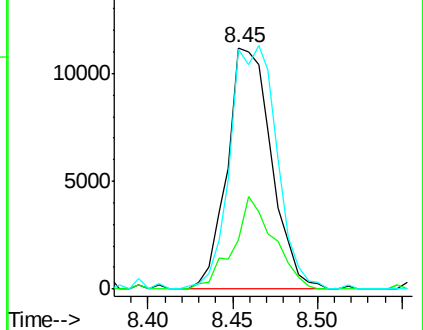
77 99.5 52.3 78.5#

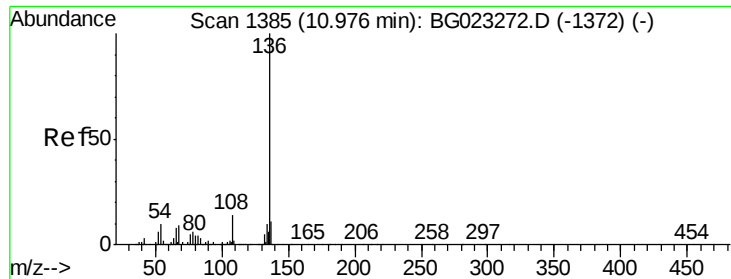


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

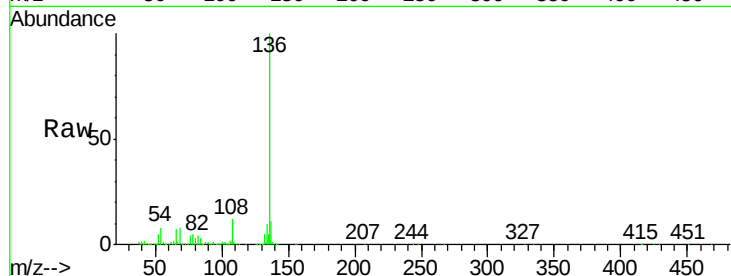




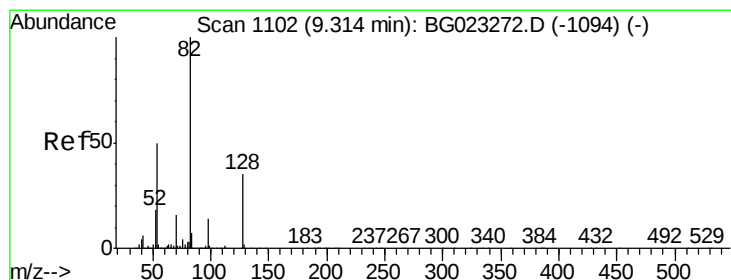
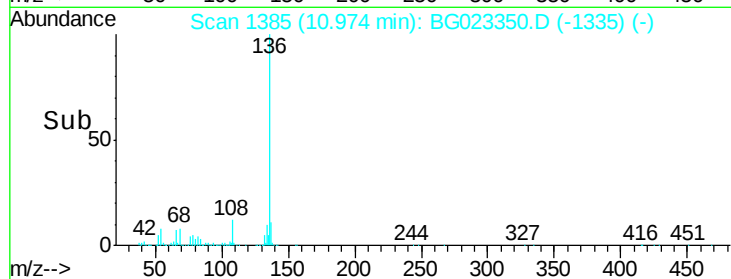
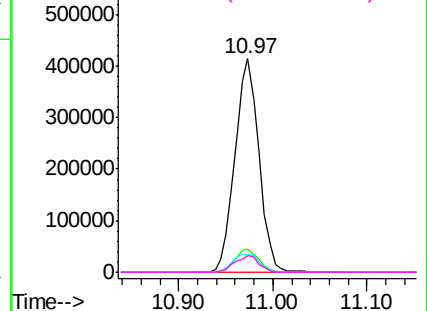
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023350.D
Acq: 30 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MS

Tgt Ion:	136	Resp:	732922
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	8.4	7.3	10.9
68	7.9	5.3	7.9

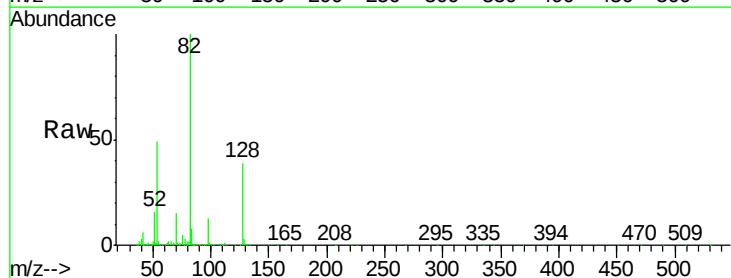


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

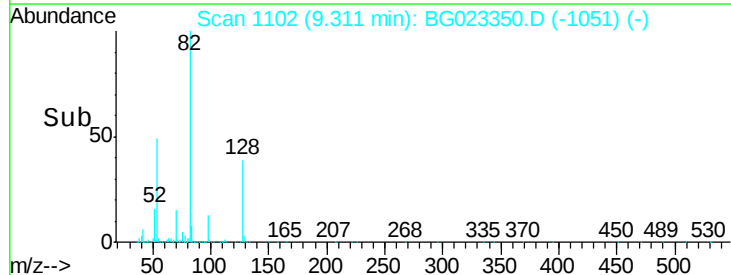
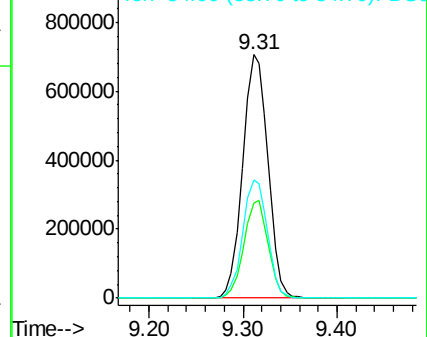


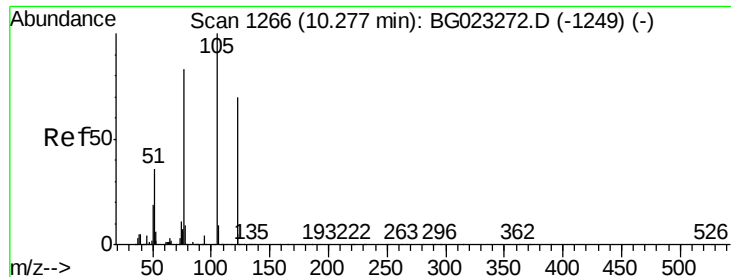
#23
Nitrobenzene-d5
Concen: 87.56 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023350.D
Acq: 30 Jul 2016 1:55

Tgt Ion:	82	Resp:	1312332
Ion	Ratio	Lower	Upper
82	100		
128	38.9	24.4	36.6#
54	48.7	41.4	62.0



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

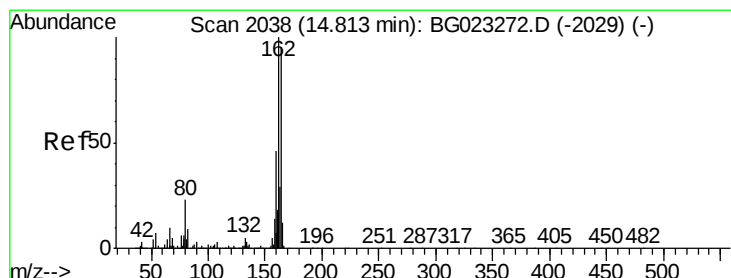
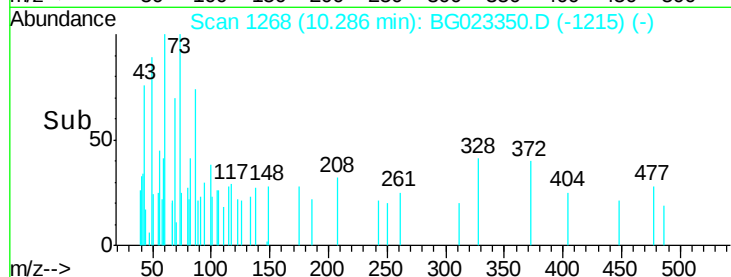
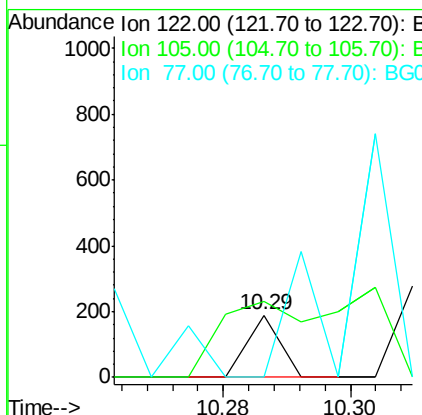
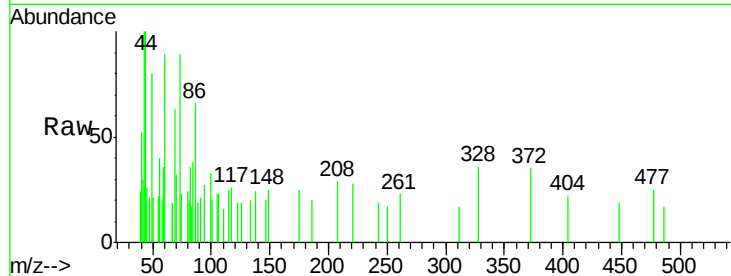




#32
Benzoic acid
Concen: 8.12 ng
RT: 10.29 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BG023350.D
Acq: 30 Jul 2016 1:55

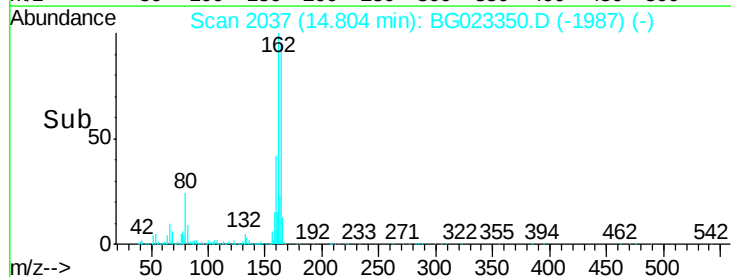
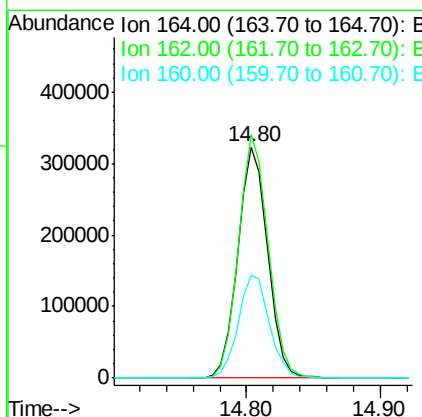
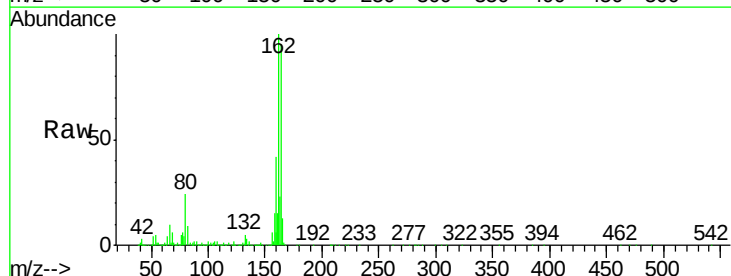
Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MS

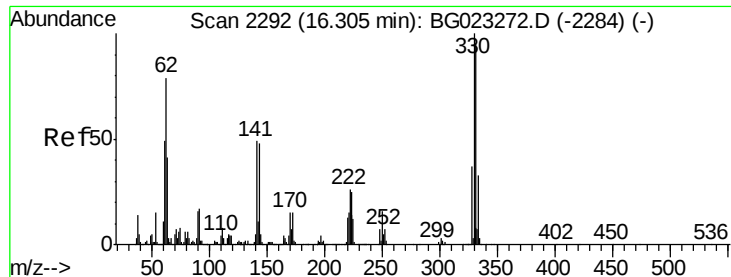
Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 121.1 117.2 157.2
77 0.0 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG023350.D
Acq: 30 Jul 2016 1:55

Tgt Ion:164 Resp: 496440
Ion Ratio Lower Upper
164 100
162 105.2 87.7 131.5
160 44.2 37.2 55.8

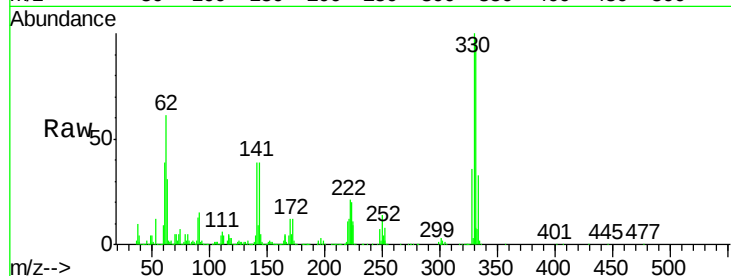




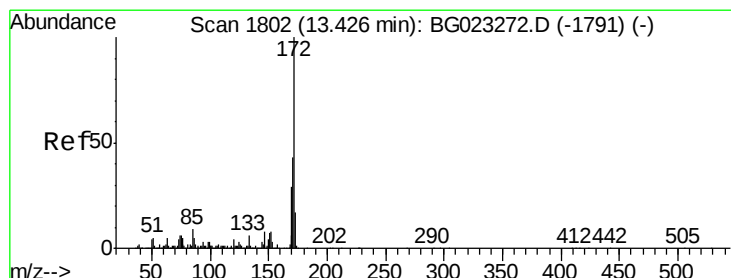
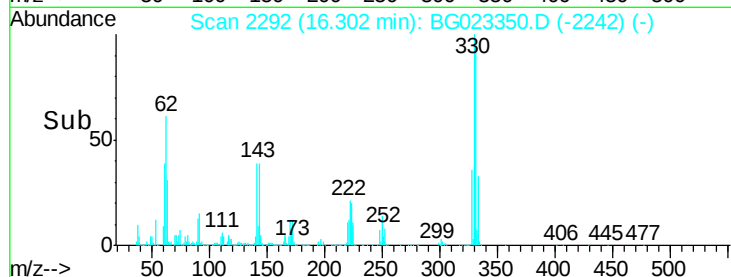
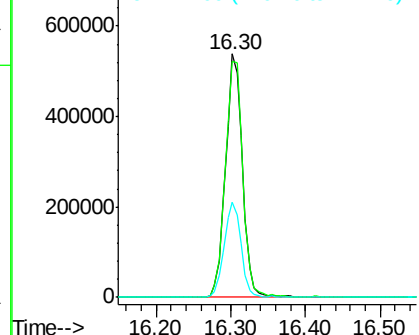
#41
 2,4,6-Tribromophenol
 Concen: 165.55 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BG023350.D
 Acq: 30 Jul 2016 1:55

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MS

Tgt Ion:330 Resp: 850656
 Ion Ratio Lower Upper
 330 100
 332 99.9 77.4 116.2
 141 38.7 31.7 47.5

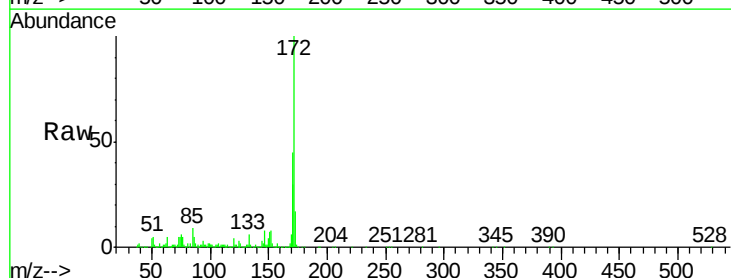


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

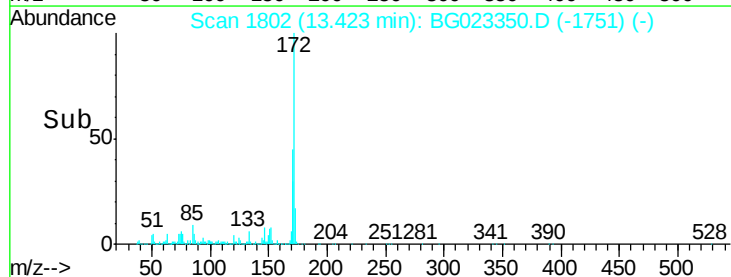
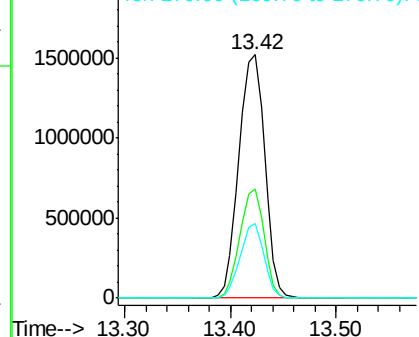


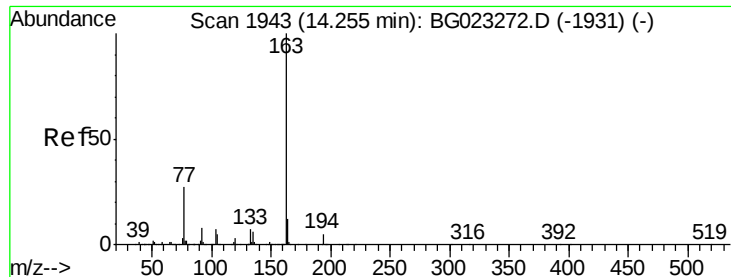
#44
 2-Fluorobiphenyl
 Concen: 97.68 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023350.D
 Acq: 30 Jul 2016 1:55

Tgt Ion:172 Resp: 2590864
 Ion Ratio Lower Upper
 172 100
 171 45.0 31.6 47.4
 170 30.5 21.3 31.9



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: 2.32 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023350.D

Acq: 30 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0MS

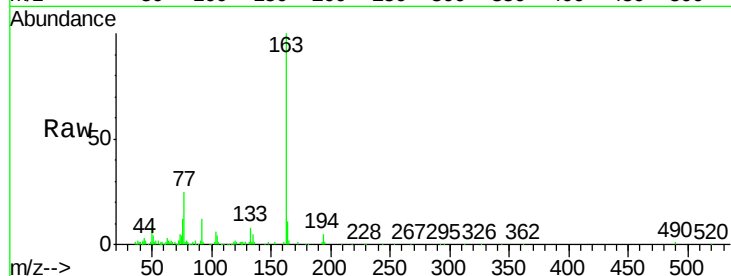
Tgt Ion:163 Resp: 84859

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

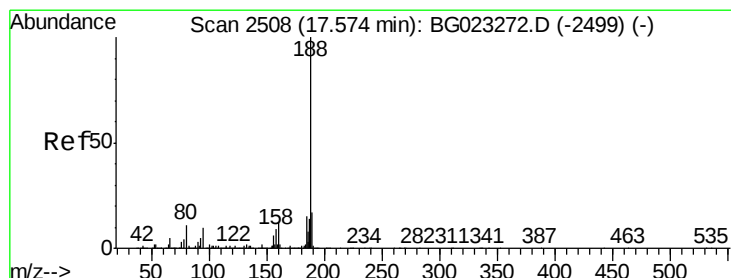
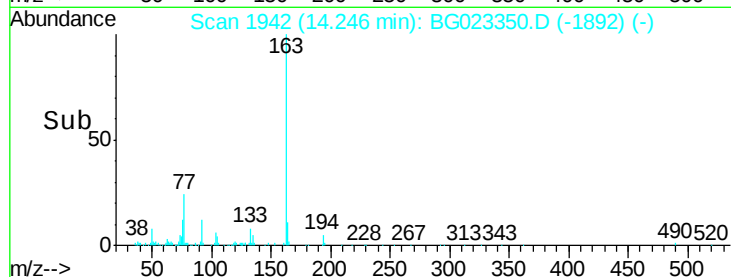
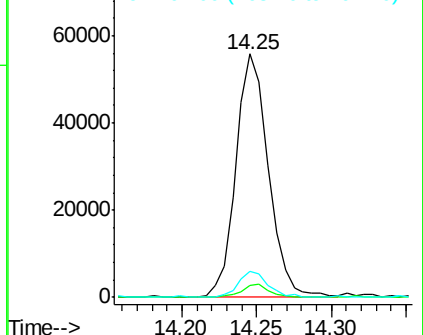
164 10.8 8.1 12.1



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: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023350.D

Acq: 30 Jul 2016 1:55

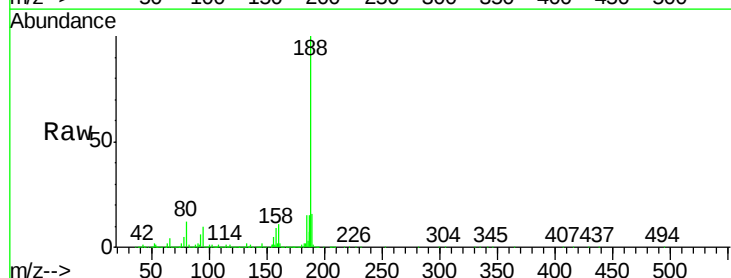
Tgt Ion:188 Resp: 1096632

Ion Ratio Lower Upper

188 100

94 9.6 5.2 7.8#

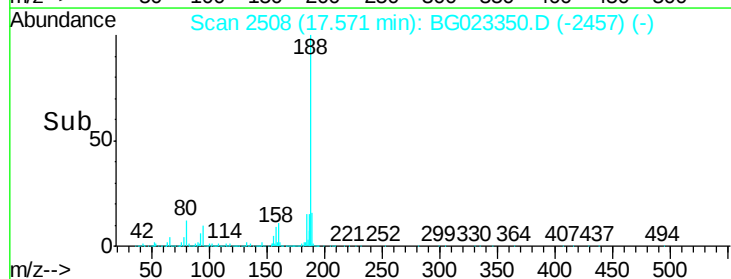
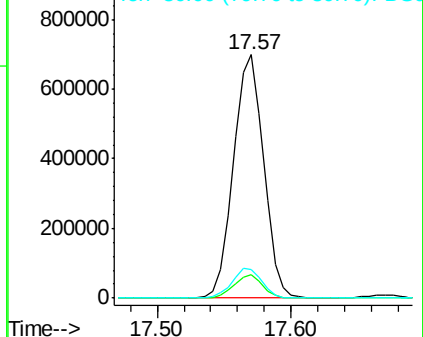
80 12.0 7.2 10.8#

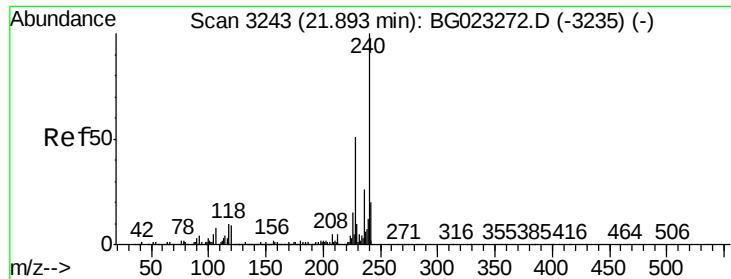


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

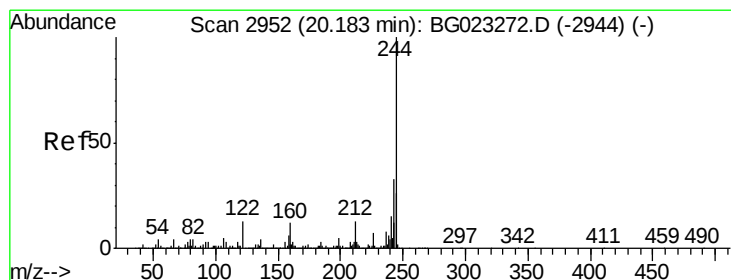
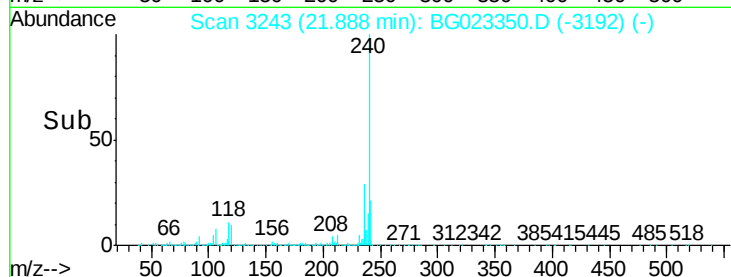
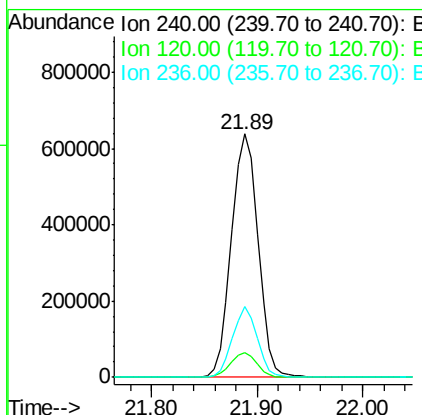
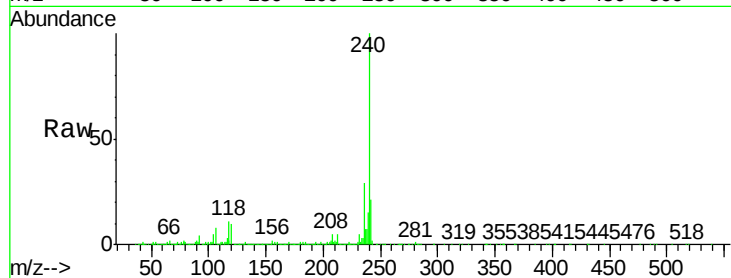




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BG023350.D
Acq: 30 Jul 2016 1:55

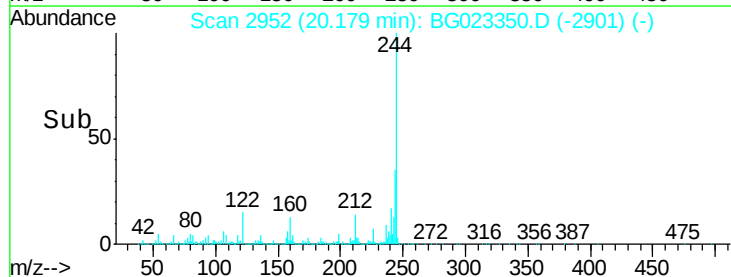
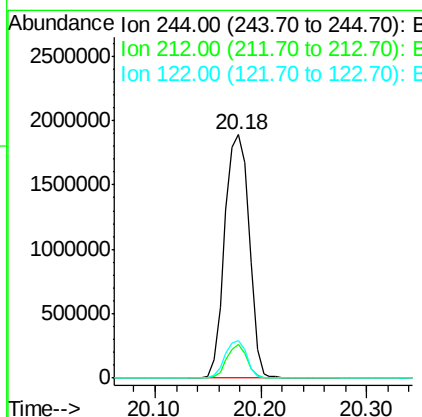
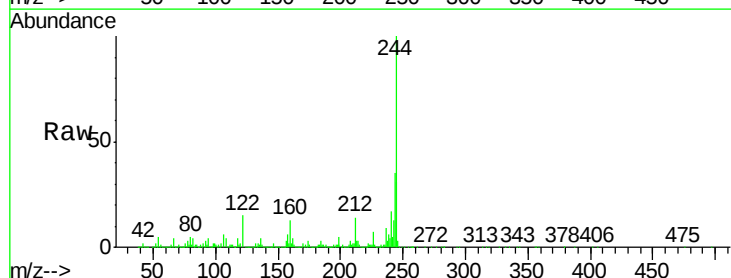
Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MS

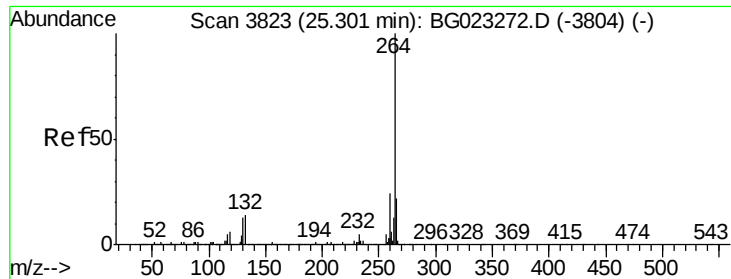
Tgt Ion:240 Resp: 1108299
Ion Ratio Lower Upper
240 100
120 10.0 4.1 6.1#
236 29.2 21.1 31.7



#78
Terphenyl-d14
Concen: 88.83 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023350.D
Acq: 30 Jul 2016 1:55

Tgt Ion:244 Resp: 3028623
Ion Ratio Lower Upper
244 100
212 13.8 10.8 16.2
122 15.2 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3822
Delta R.T. -0.01 min
Lab File: BG023350.D
Acq: 30 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MS

Tgt Ion: 264 Resp: 1133797

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	23.3	18.9	28.3

