

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
 Data File : BG018653.D
 Acq On : 11 Sep 2015 23:53
 Operator : UM/IZ
 Sample : G3625-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1508043499

Quant Time: Sep 12 01:08:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

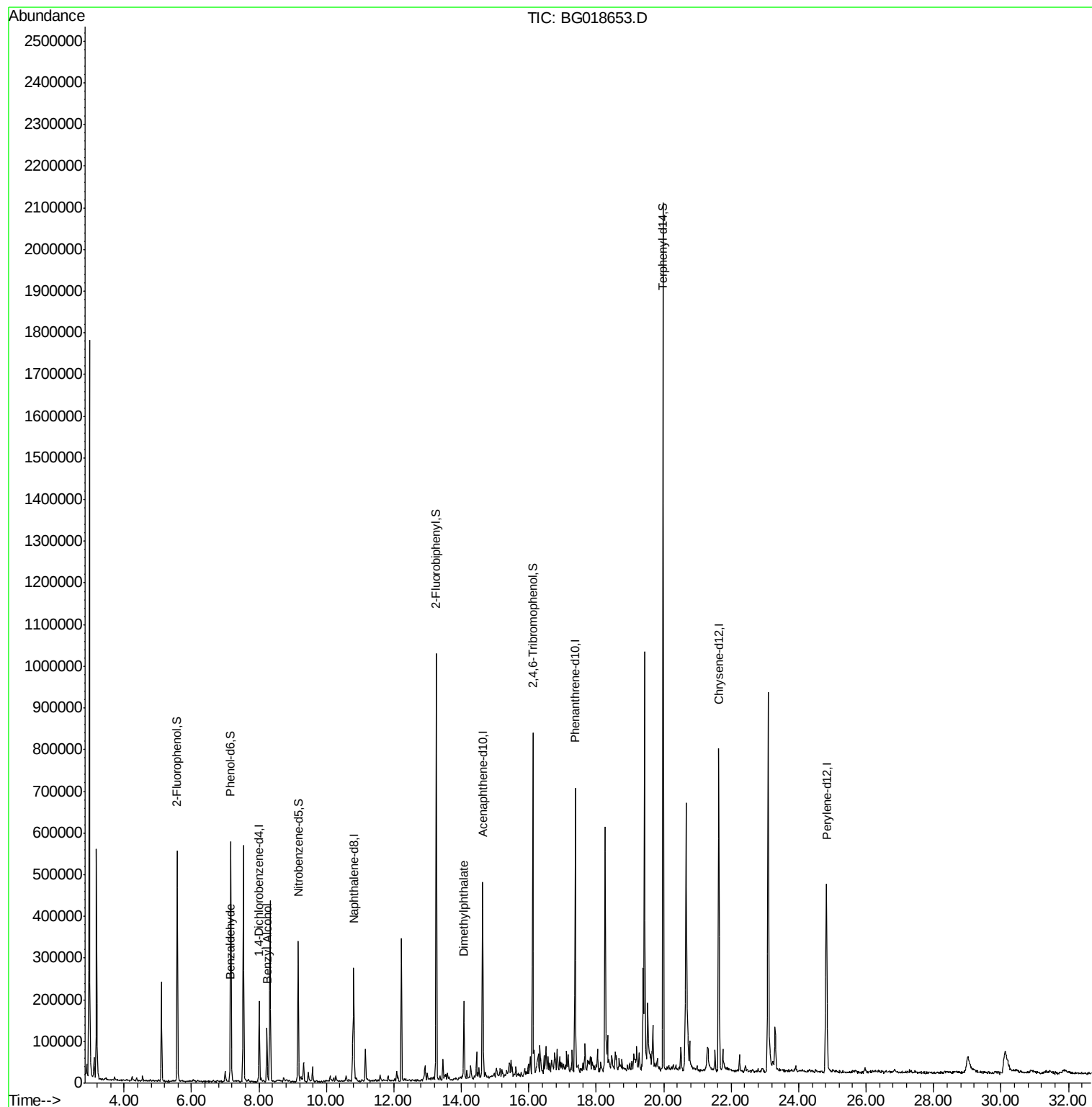
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	57206	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	237512	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	158885	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	422202	20.00	ng	0.00
75) Chrysene-d12	21.63	240	466005	20.00	ng	0.00
86) Perylene-d12	24.82	264	470509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	257819	77.85	ng	0.00
7) Phenol-d6	7.16	99	375159	79.01	ng	0.00
23) Nitrobenzene-d5	9.16	82	211820	49.90	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	160269	74.91	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	549065	47.97	ng	0.00
78) Terphenyl-d14	19.98	244	916499	51.65	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.14	77	5447	2.13	ng	80
15) Benzyl Alcohol	8.24	79	44706	13.06	ng	92
49) Dimethylphthalate	14.08	163	114144	8.68	ng	# 98

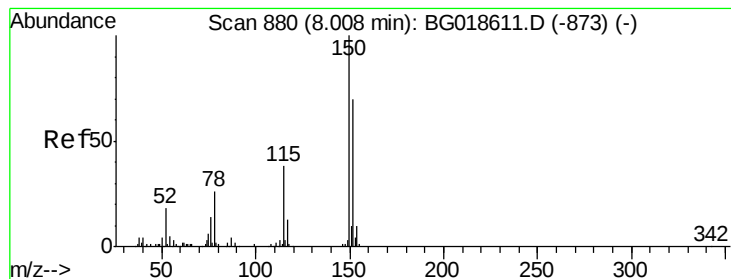
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 11 10:44:16 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

Instrument :

BNA_G

ClientSampleId :

1508043499

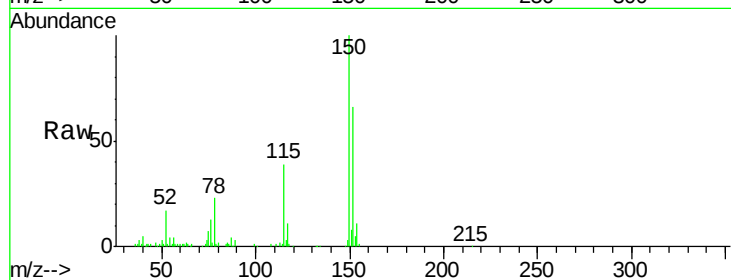
Tgt Ion:152 Resp: 57206

Ion Ratio Lower Upper

152 100

150 150.8 115.0 172.4

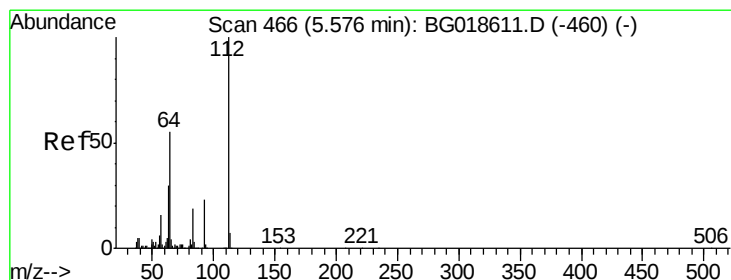
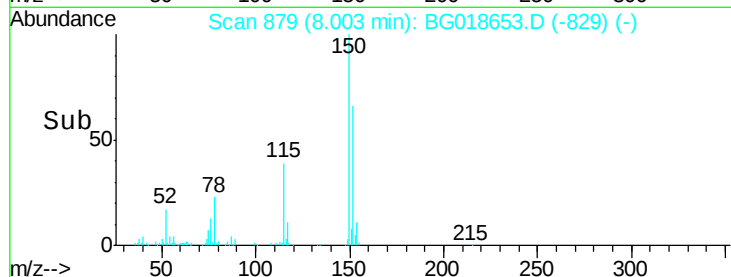
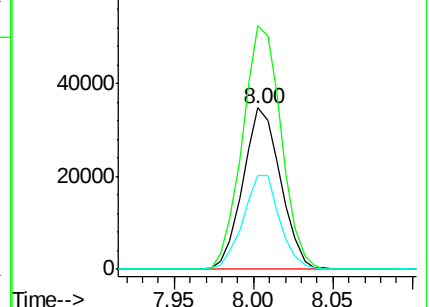
115 58.1 43.9 65.9



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: 77.85 ng

RT: 5.58 min Scan# 466

Delta R.T. -0.00 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

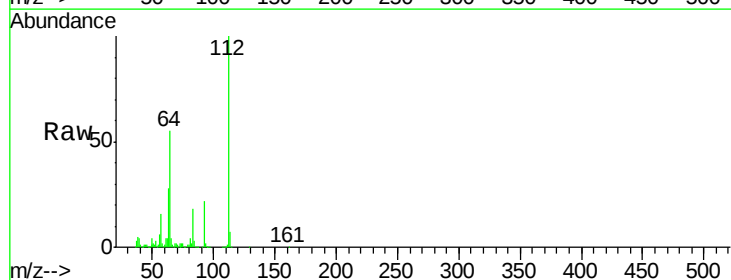
Tgt Ion:112 Resp: 257819

Ion Ratio Lower Upper

112 100

64 54.9 43.7 65.5

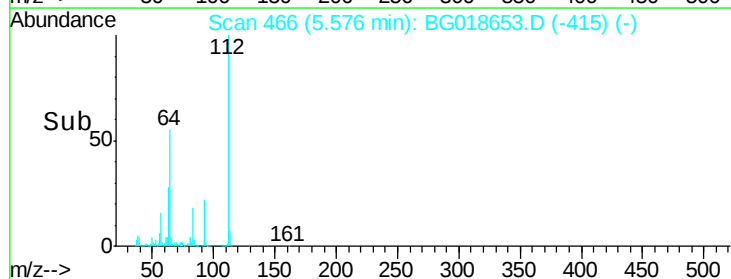
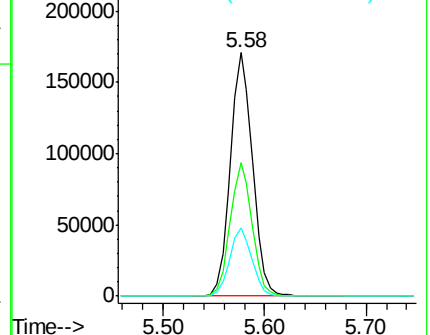
63 28.0 24.0 36.0

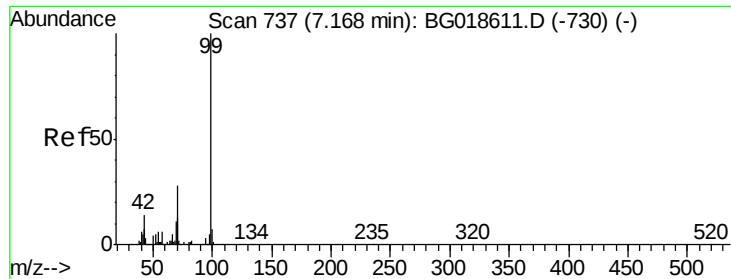


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 79.01 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

Instrument :

BNA_G

ClientSampleId :

1508043499

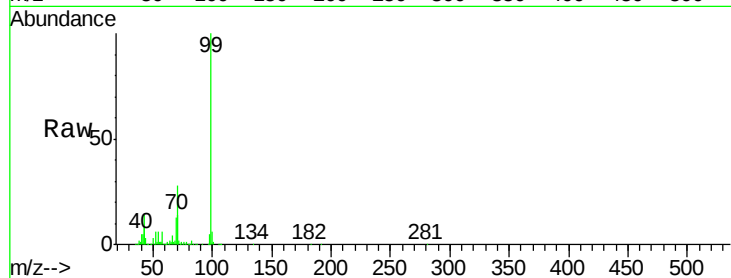
Tgt Ion: 99 Resp: 375159

Ion Ratio Lower Upper

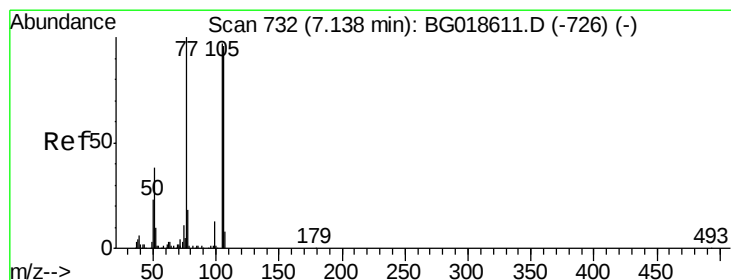
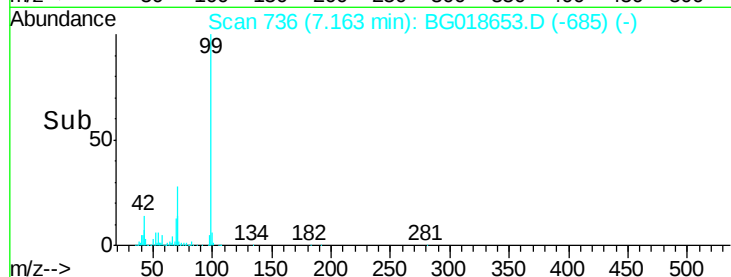
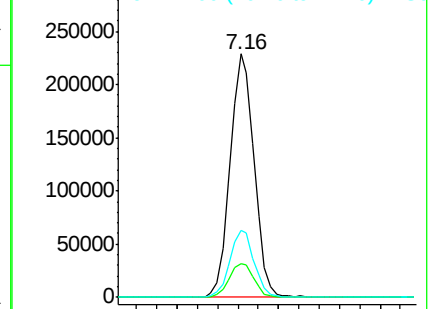
99 100

42 14.0 11.5 17.3

71 27.7 22.6 34.0



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



#9

Benzaldehyde

Concen: 2.13 ng

RT: 7.14 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

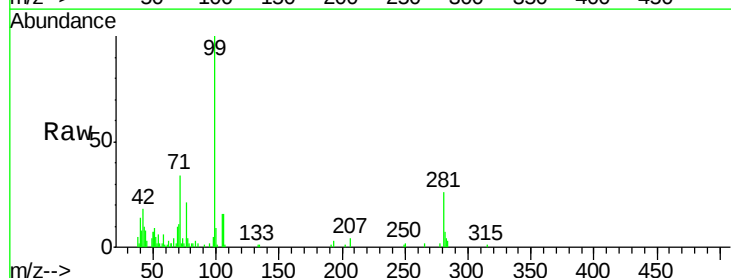
Tgt Ion: 77 Resp: 5447

Ion Ratio Lower Upper

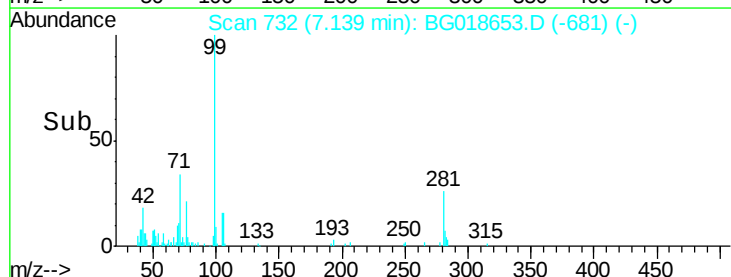
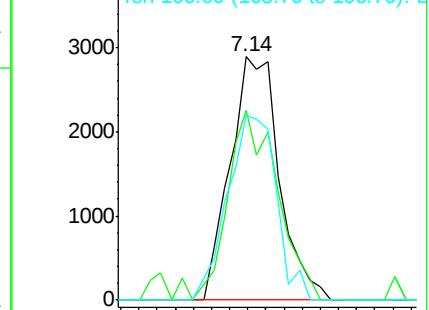
77 100

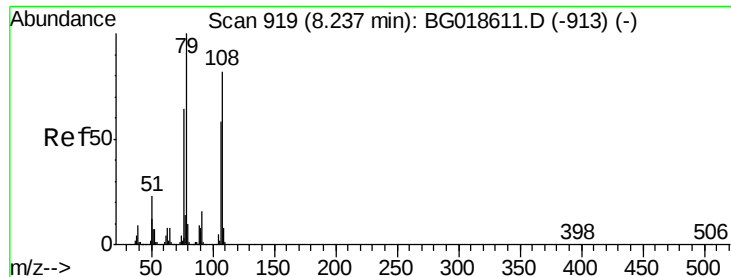
105 77.7 77.7 117.7

106 76.0 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#15

Benzyl Alcohol

Concen: 13.06 ng

RT: 8.24 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

Instrument :

BNA_G

ClientSampleId :

1508043499

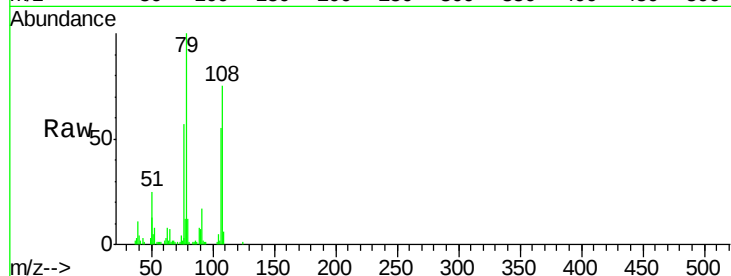
Tgt Ion: 79 Resp: 44706

Ion Ratio Lower Upper

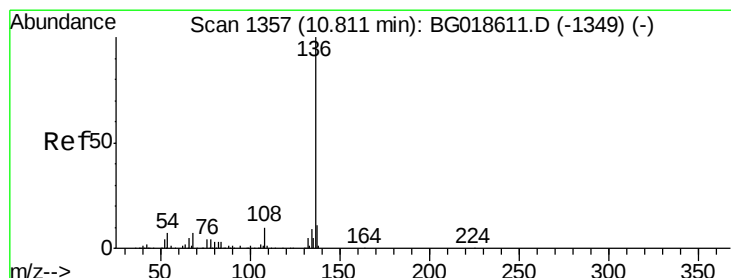
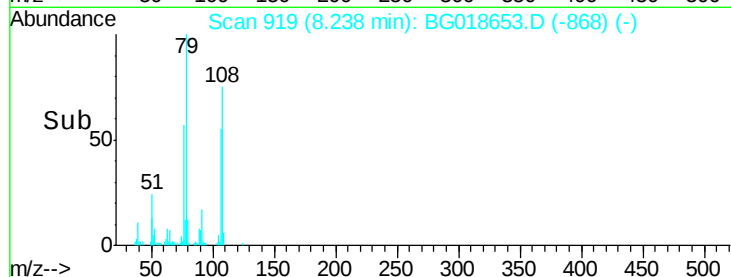
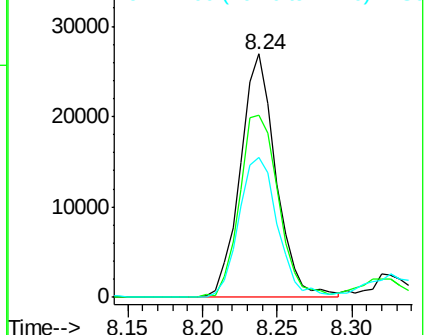
79 100

108 74.9 65.5 98.3

77 57.5 51.3 76.9



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: 10.81 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

Tgt Ion: 136 Resp: 237512

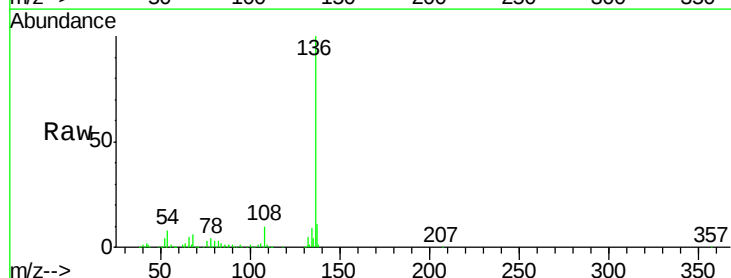
Ion Ratio Lower Upper

136 100

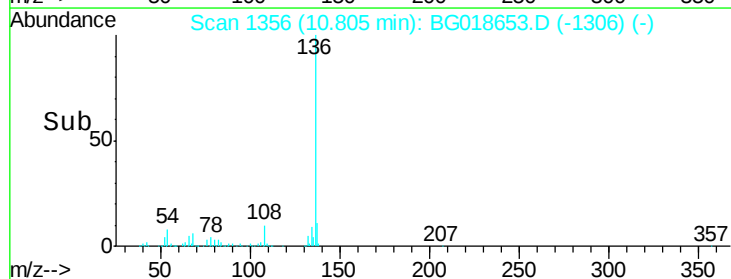
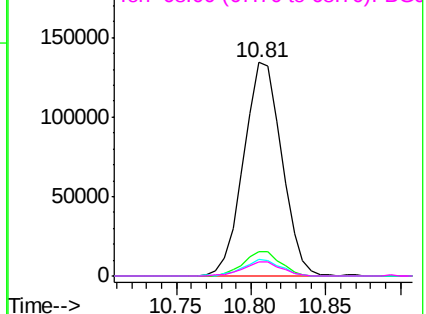
137 11.5 8.6 12.8

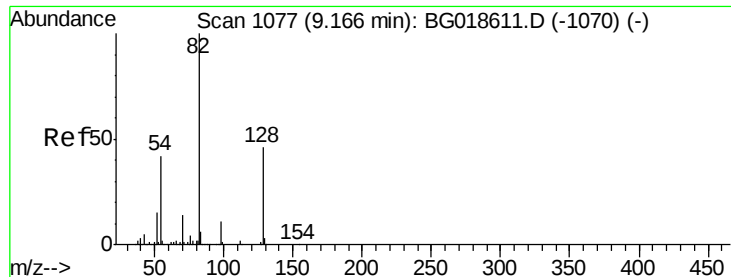
54 7.6 5.4 8.2

68 6.3 5.3 7.9



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

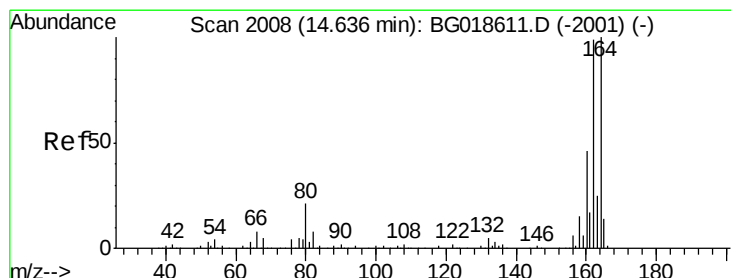
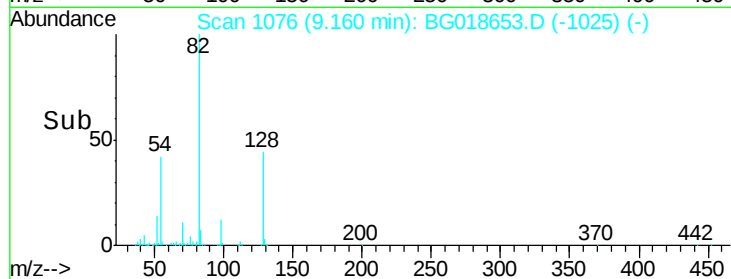
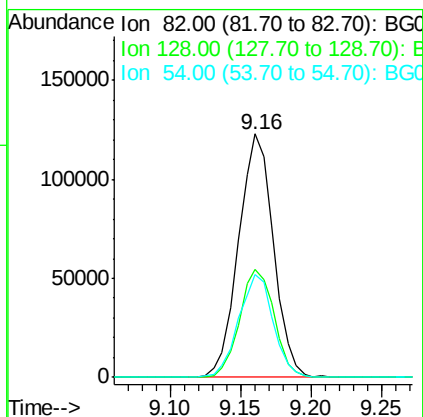
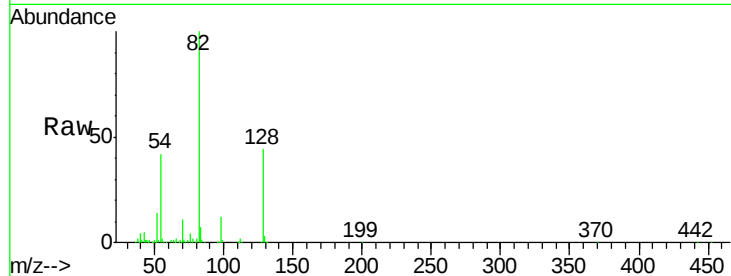




#23
 Nitrobenzene-d5
 Concen: 49.90 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG018653.D
 Acq: 11 Sep 2015 23:53

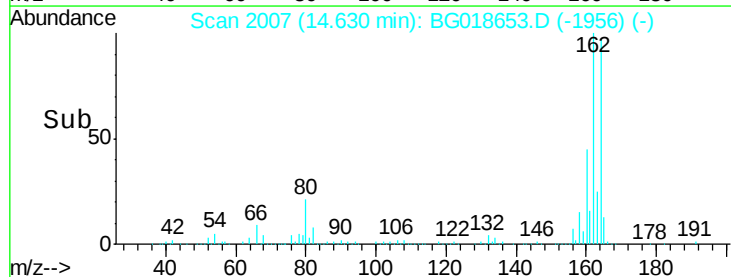
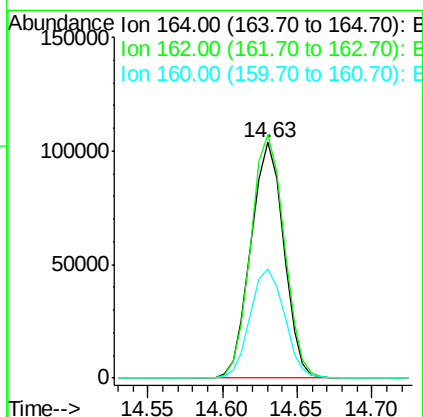
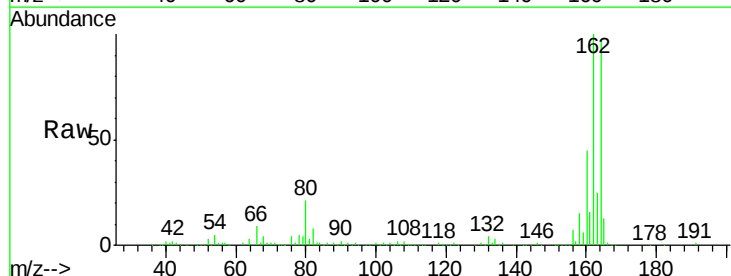
Instrument :
 BNA_G
 ClientSampleId :
 1508043499

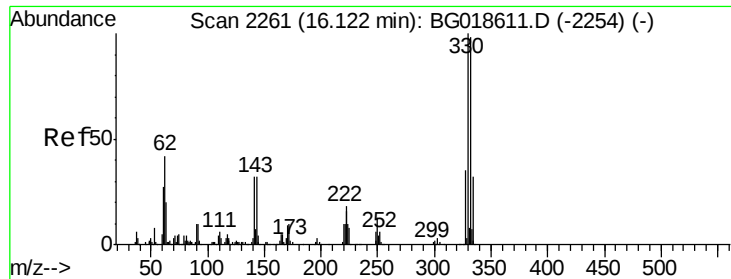
Tgt Ion: 82 Resp: 211820
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.7 55.1
 54 42.2 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG018653.D
 Acq: 11 Sep 2015 23:53

Tgt Ion: 164 Resp: 158885
 Ion Ratio Lower Upper
 164 100
 162 103.4 78.8 118.2
 160 46.5 36.4 54.6

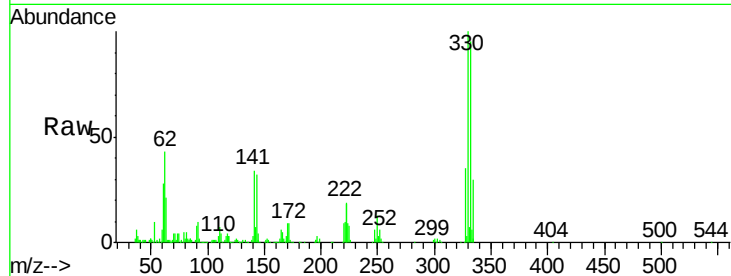




#41
 2,4,6-Tribromophenol
 Concen: 74.91 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG018653.D
 Acq: 11 Sep 2015 23:53

Instrument :
 BNA_G
 ClientSampleId :
 1508043499

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	35.7	28.2	42.2

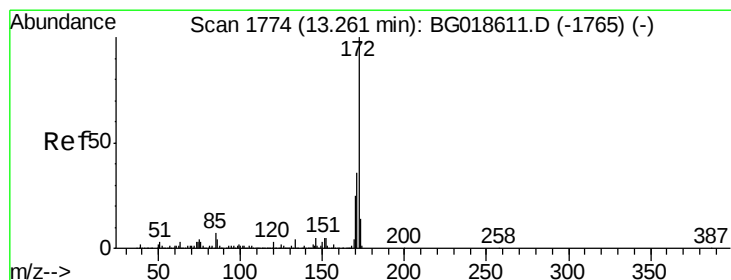
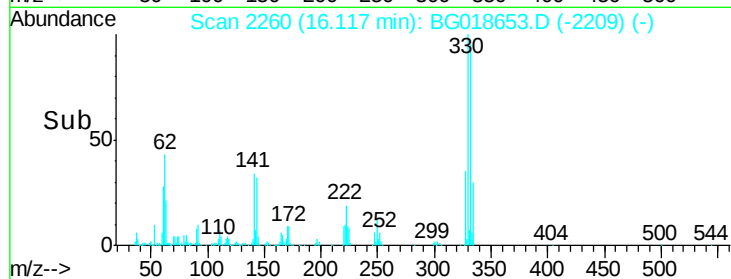
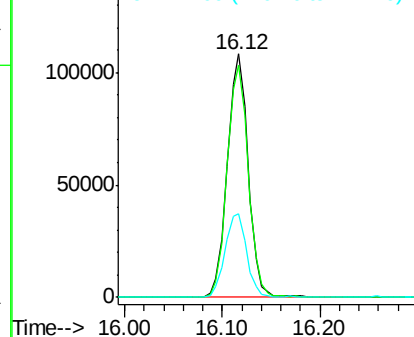


Abundance

Ion 329.80 (329.50 to 330.50): E

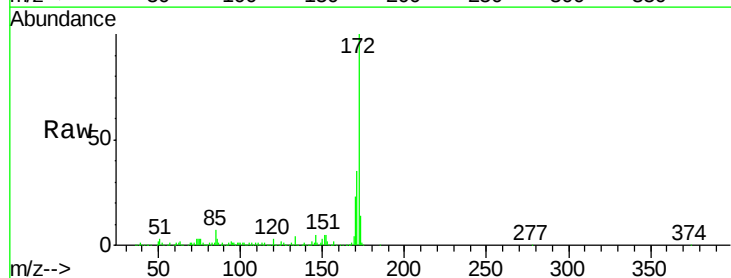
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 47.97 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG018653.D
 Acq: 11 Sep 2015 23:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	23.5	19.9	29.9

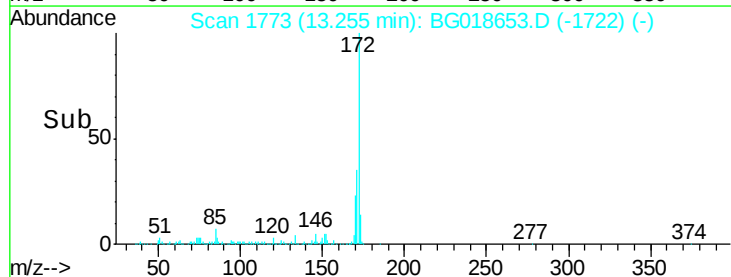
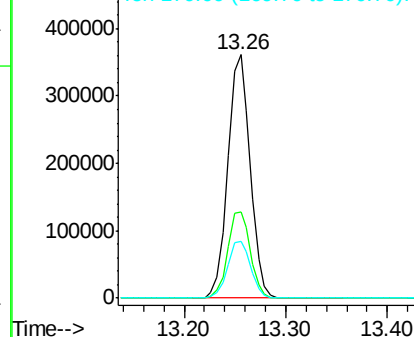


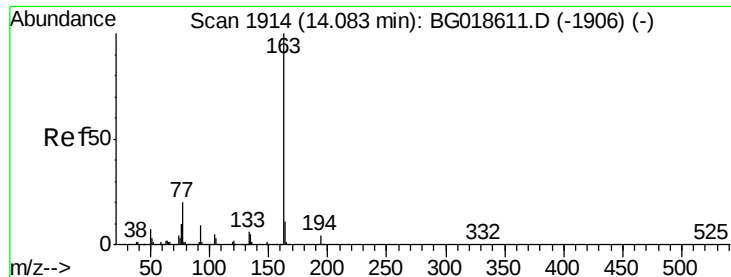
Abundance

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: 8.68 ng

RT: 14.08 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

Instrument :

BNA_G

ClientSampleId :

1508043499

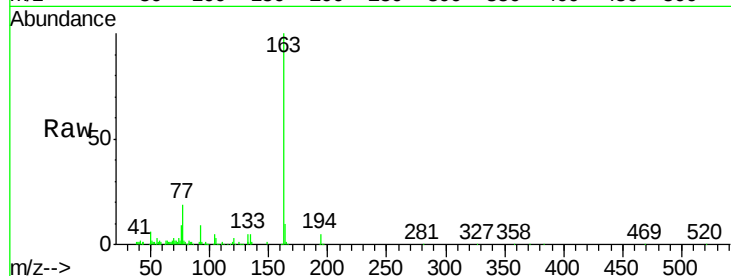
Tgt Ion:163 Resp: 114144

Ion Ratio Lower Upper

163 100

194 4.8 3.1 4.7#

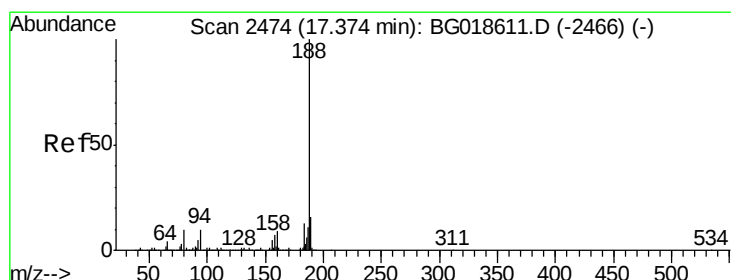
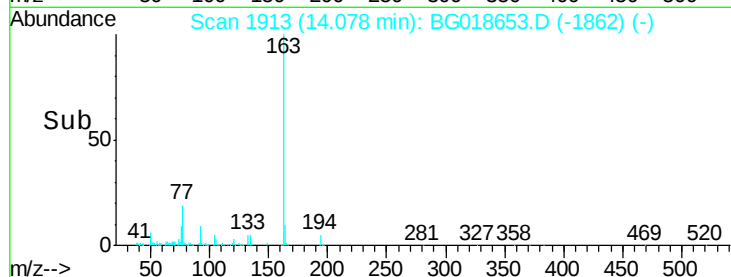
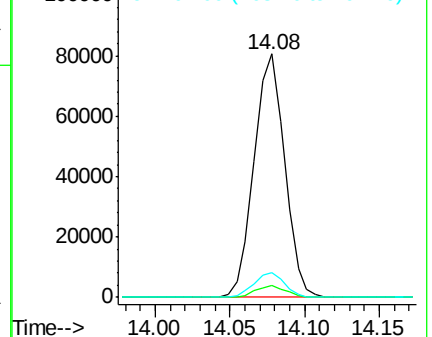
164 10.2 8.8 13.2



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: 17.37 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

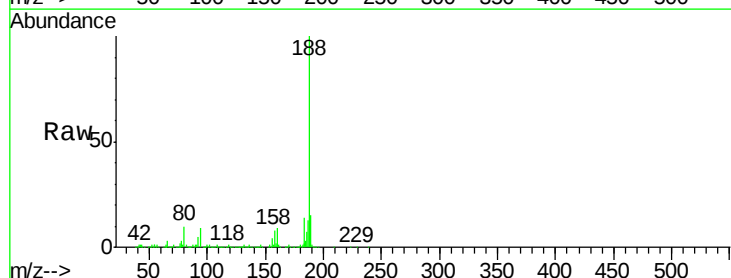
Tgt Ion:188 Resp: 422202

Ion Ratio Lower Upper

188 100

94 8.6 7.7 11.5

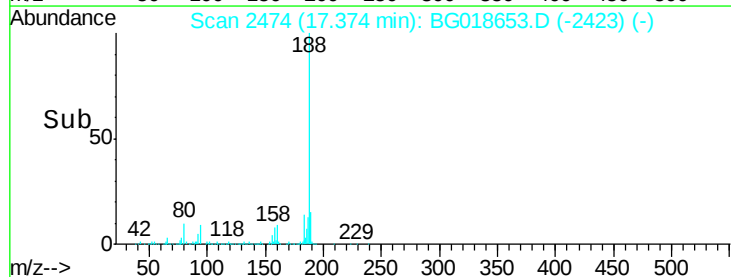
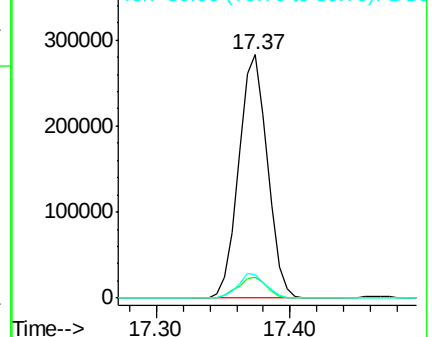
80 9.9 7.8 11.8

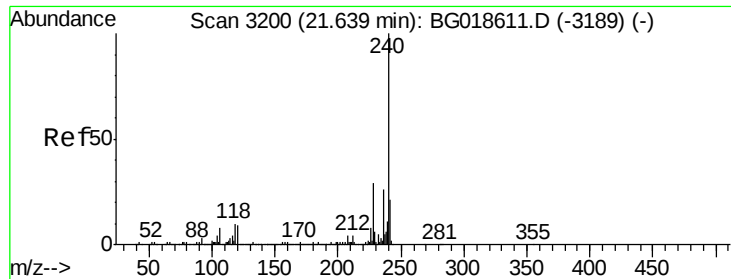


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.63 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

Instrument :

BNA_G

ClientSampleId :

1508043499

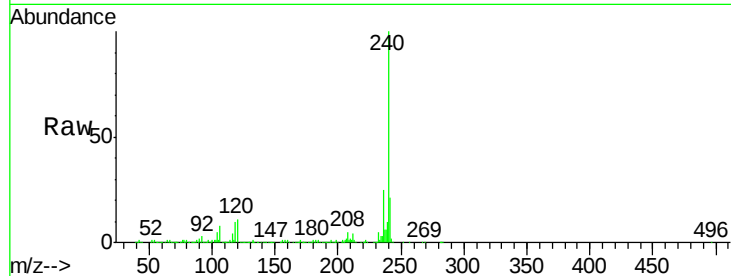
Tgt Ion:240 Resp: 466005

Ion Ratio Lower Upper

240 100

120 10.8 7.4 11.0

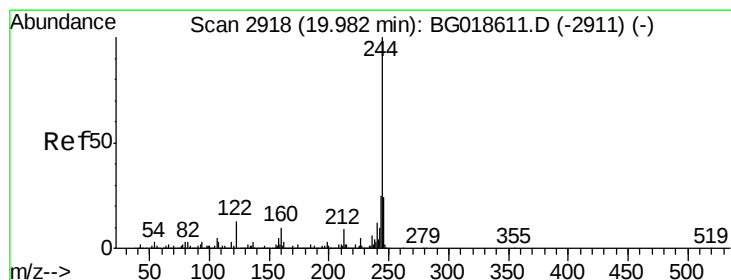
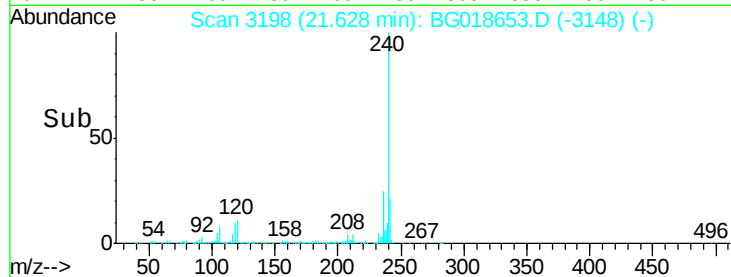
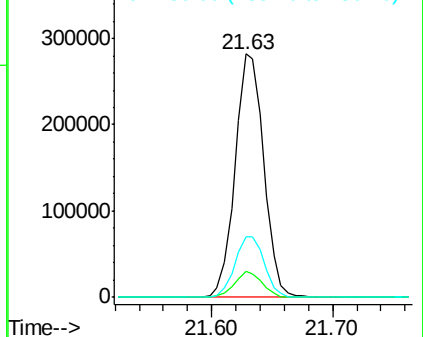
236 25.1 20.7 31.1



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: 51.65 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

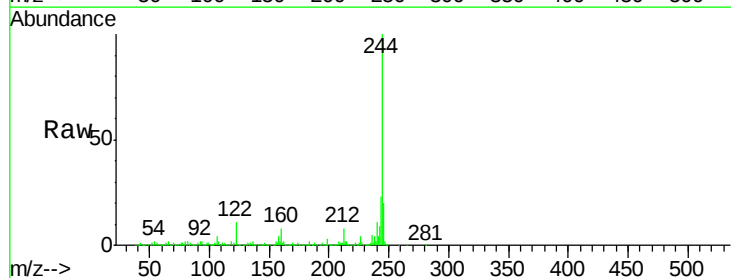
Tgt Ion:244 Resp: 916499

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

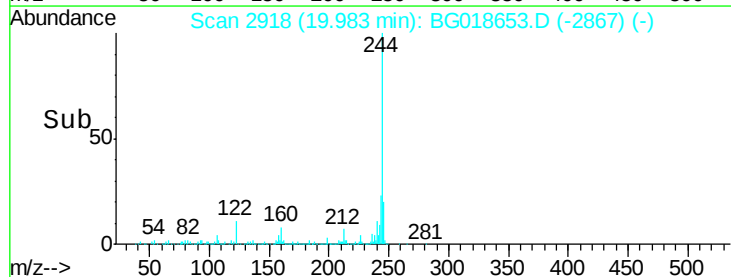
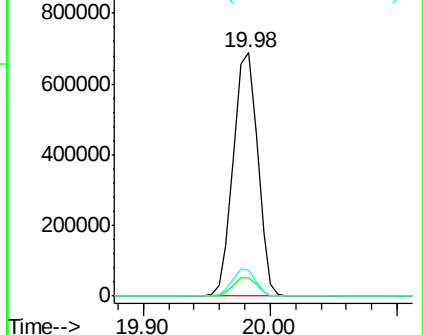
122 10.6 10.2 15.2

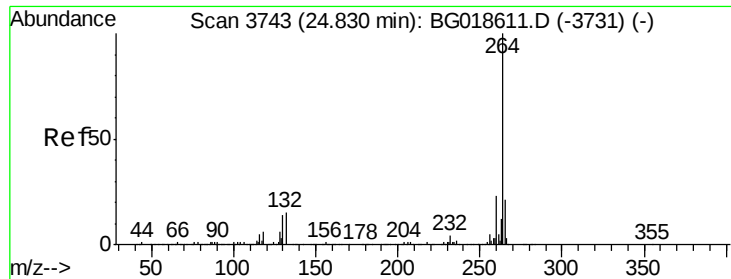


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.82 min Scan# 3742
Delta R.T. -0.00 min
Lab File: BG018653.D
Acq: 11 Sep 2015 23:53

Instrument :
BNA_G
ClientSampleId :
1508043499

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	20.8	17.2	25.8

