

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
 Data File : BG018654.D
 Acq On : 12 Sep 2015 00:31
 Operator : UM/IZ
 Sample : G3625-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1508043497

Quant Time: Sep 14 02:08:04 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

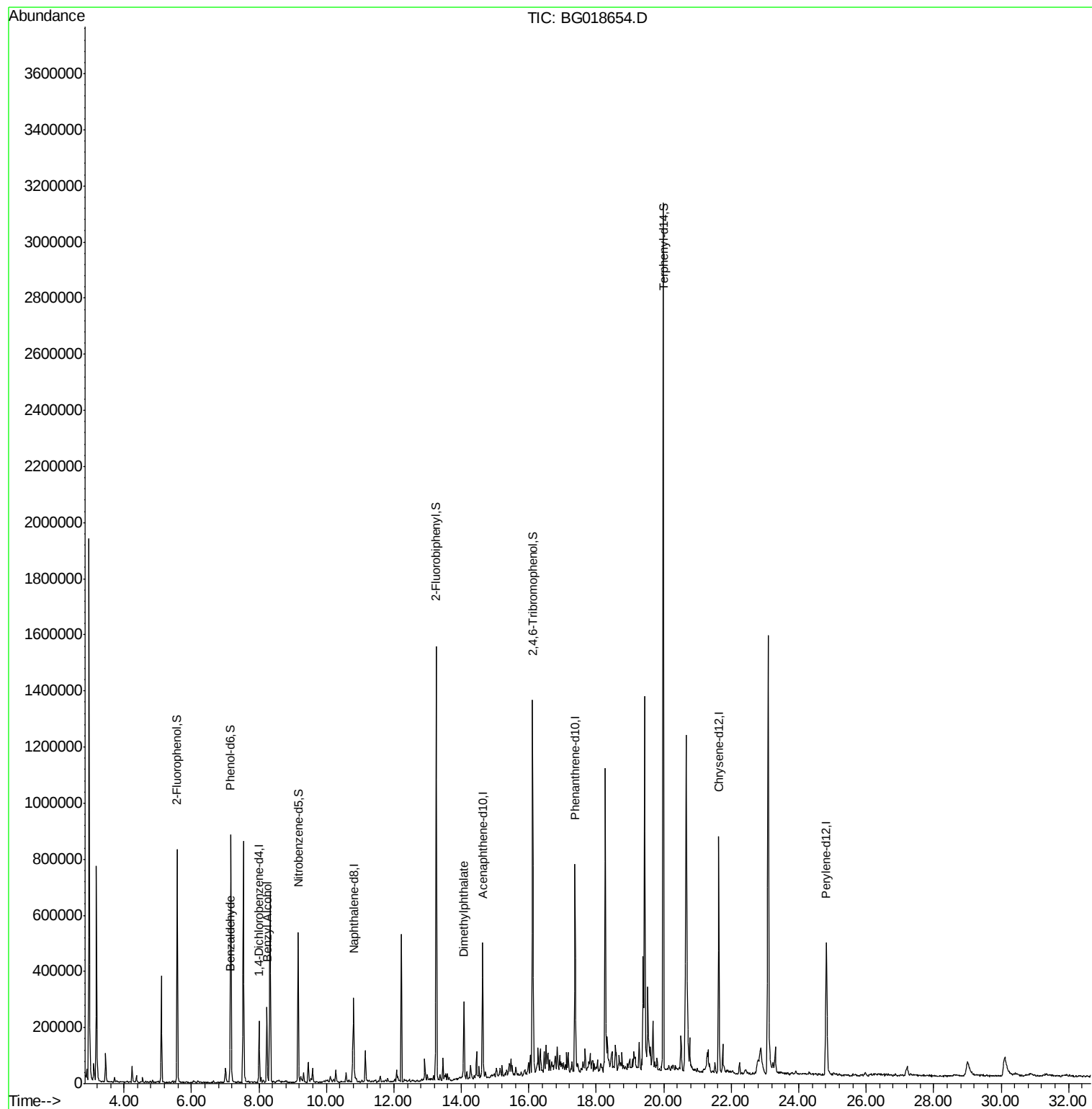
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64292	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	261062	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	165831	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	435659	20.00	ng	0.00
75) Chrysene-d12	21.63	240	497735	20.00	ng	0.00
86) Perylene-d12	24.82	264	499689	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	399430	107.32	ng	0.00
7) Phenol-d6	7.17	99	579072	108.51	ng	0.00
23) Nitrobenzene-d5	9.16	82	330960	70.94	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	248237	111.17	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	858253	71.84	ng	0.00
78) Terphenyl-d14	19.99	244	1333789	70.37	ng	0.00
Target Compounds						
9) Benzaldehyde	7.14	77	10352	3.60	ng	Qvalue # 88
15) Benzyl Alcohol	8.24	79	93963	24.43	ng	97
49) Dimethylphthalate	14.07	163	168355	12.26	ng	98

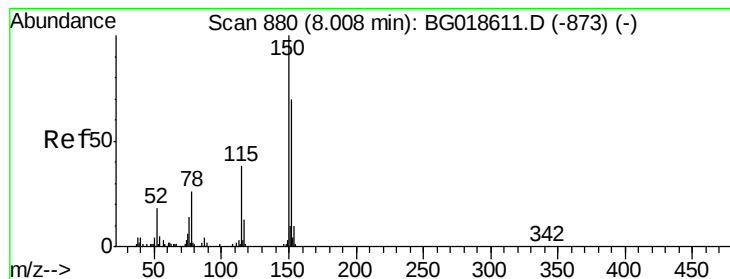
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.01 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG018654.D

Acq: 12 Sep 2015 00:31

Instrument :

BNA_G

ClientSampleId :

1508043497

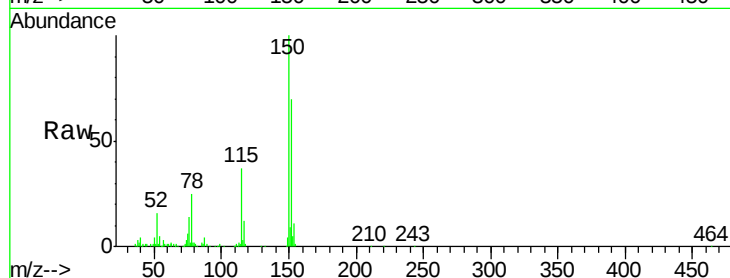
Tgt Ion:152 Resp: 64292

Ion Ratio Lower Upper

152 100

150 142.4 115.0 172.4

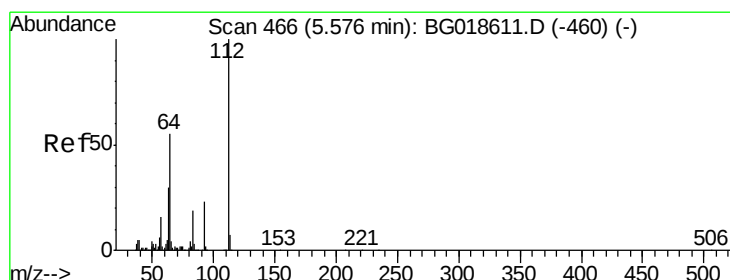
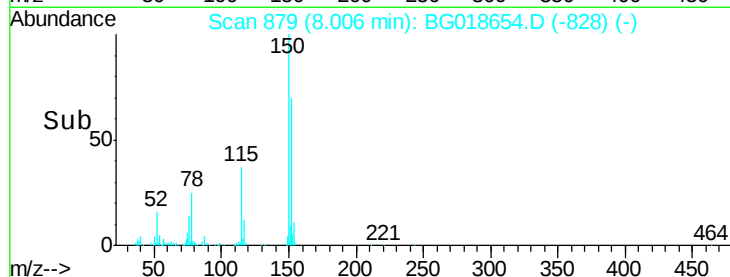
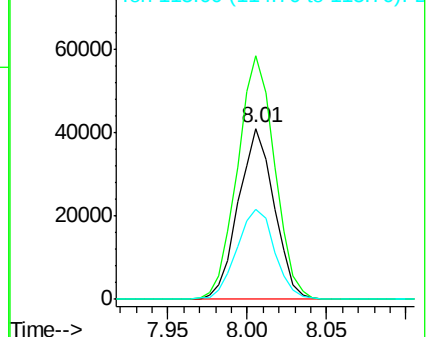
115 52.4 43.9 65.9



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: 107.32 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018654.D

Acq: 12 Sep 2015 00:31

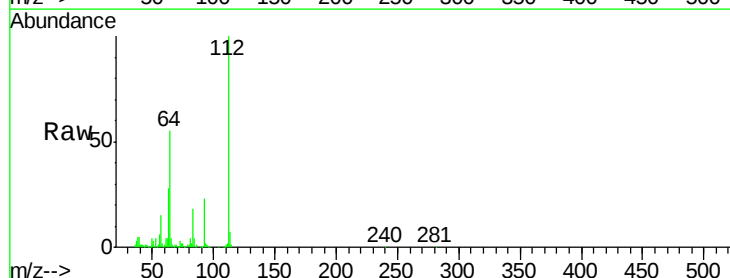
Tgt Ion:112 Resp: 399430

Ion Ratio Lower Upper

112 100

64 54.6 43.7 65.5

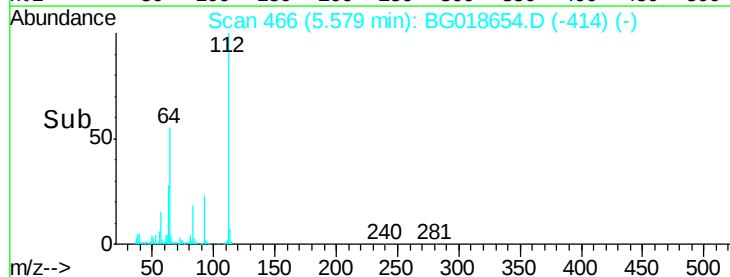
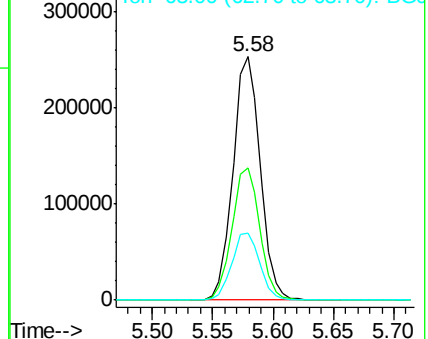
63 27.7 24.0 36.0

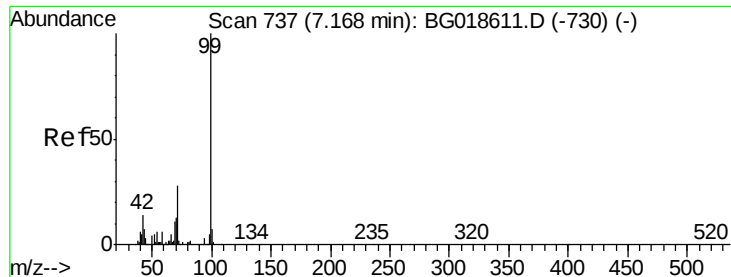


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.51 ng

RT: 7.17 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018654.D

Acq: 12 Sep 2015 00:31

Instrument :

BNA_G

ClientSampleId :

1508043497

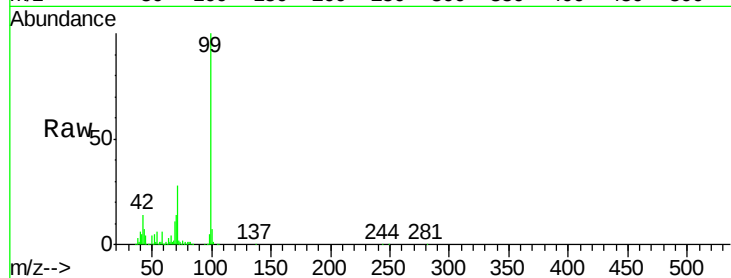
Tgt Ion: 99 Resp: 579072

Ion Ratio Lower Upper

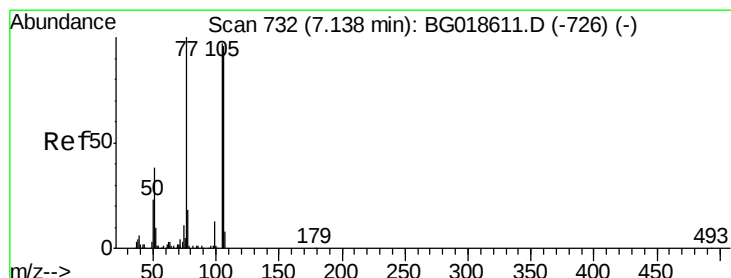
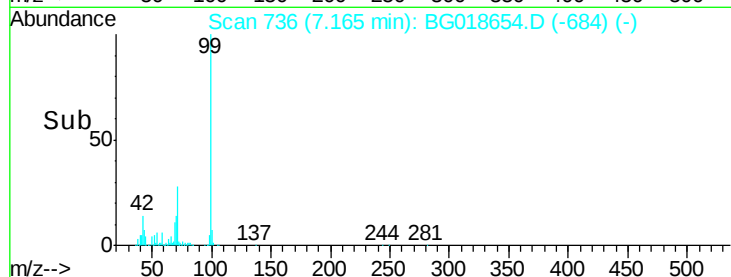
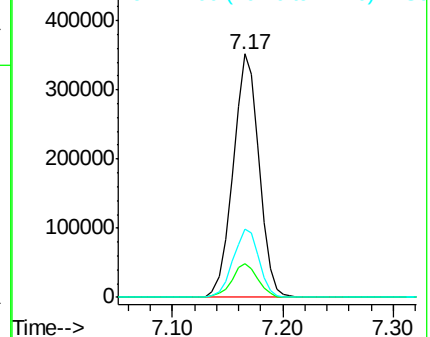
99 100

42 13.7 11.5 17.3

71 27.9 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: 3.60 ng

RT: 7.14 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG018654.D

Acq: 12 Sep 2015 00:31

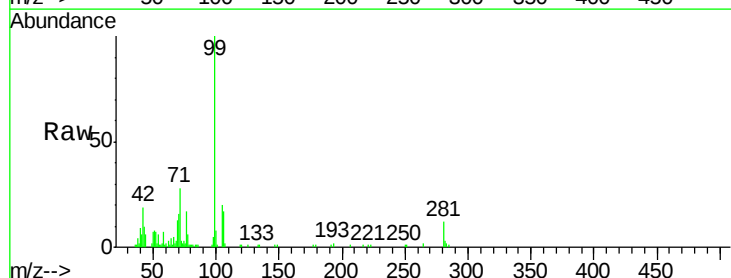
Tgt Ion: 77 Resp: 10352

Ion Ratio Lower Upper

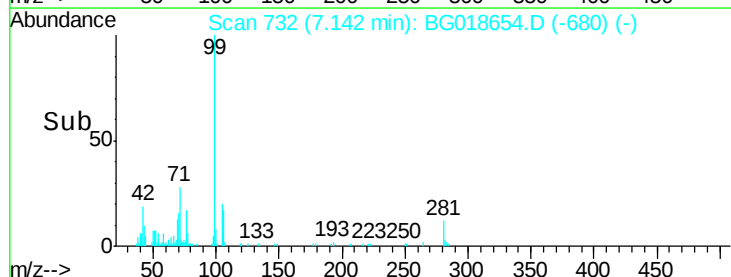
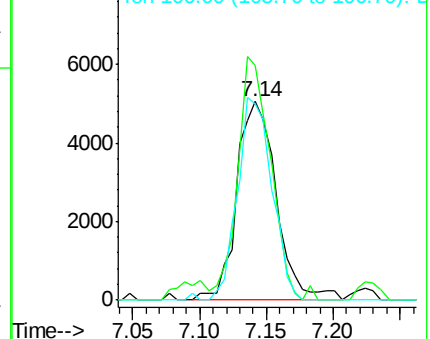
77 100

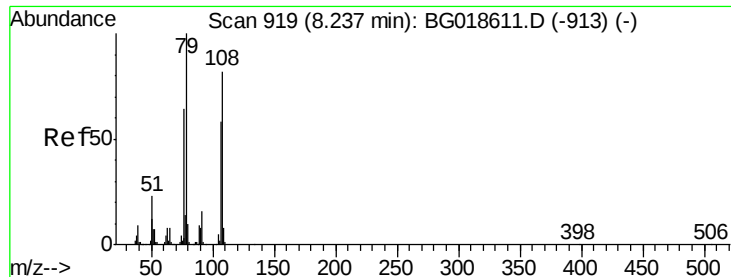
105 118.1 77.7 117.7#

106 99.1 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: 24.43 ng

RT: 8.24 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG018654.D

Acq: 12 Sep 2015 00:31

Instrument :

BNA_G

ClientSampleId :

1508043497

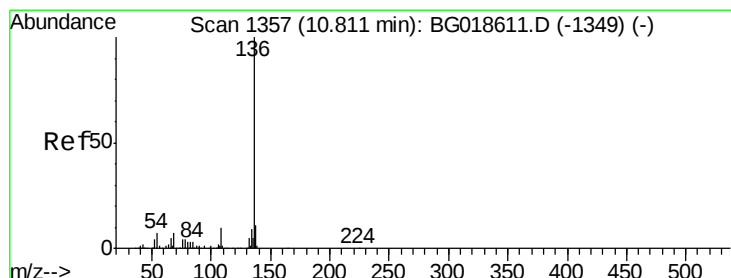
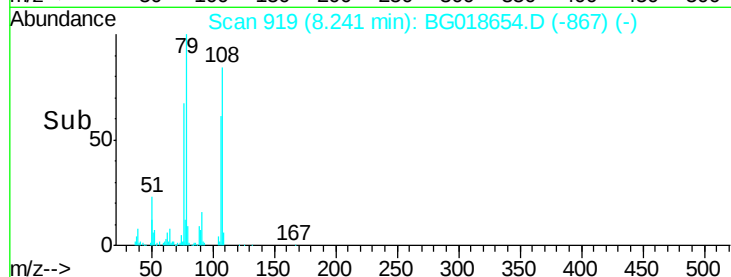
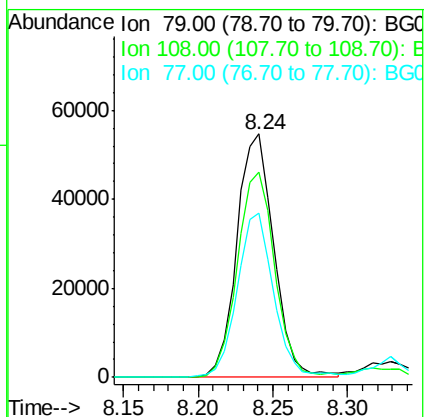
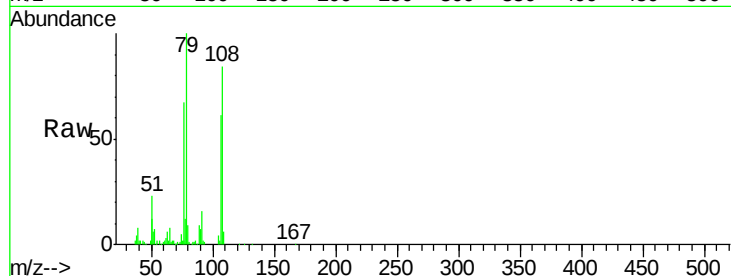
Tgt Ion: 79 Resp: 93963

Ion Ratio Lower Upper

79 100

108 84.4 65.5 98.3

77 67.3 51.3 76.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG018654.D

Acq: 12 Sep 2015 00:31

Tgt Ion: 136 Resp: 261062

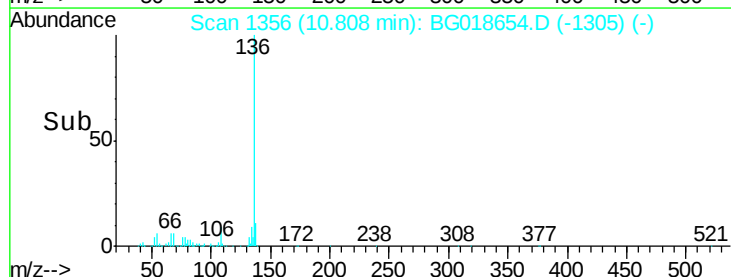
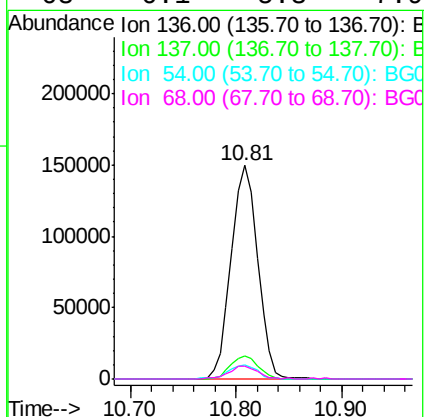
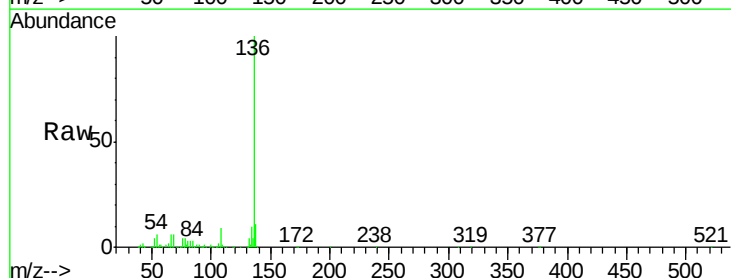
Ion Ratio Lower Upper

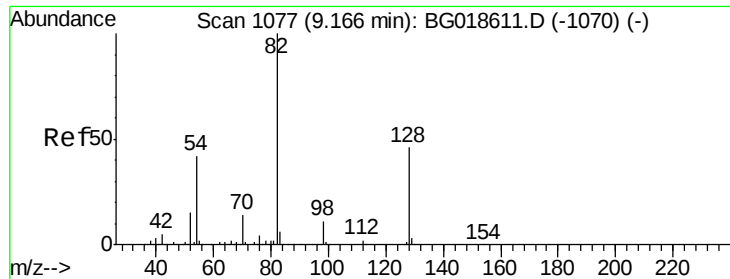
136 100

137 10.7 8.6 12.8

54 6.4 5.4 8.2

68 6.1 5.3 7.9

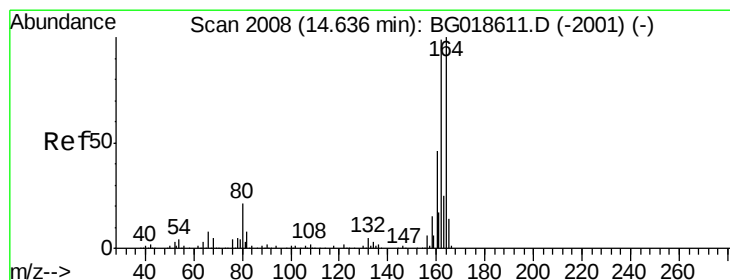
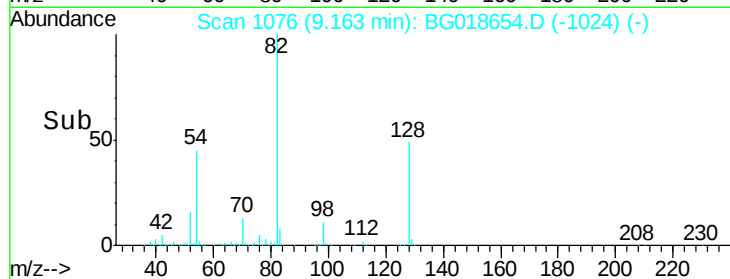
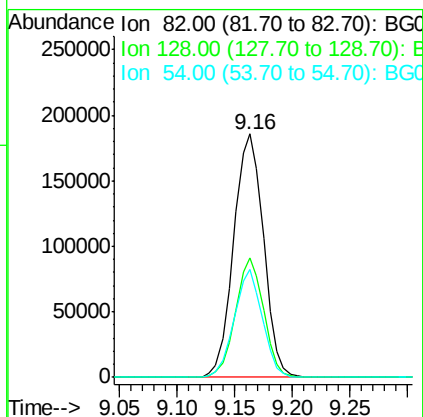
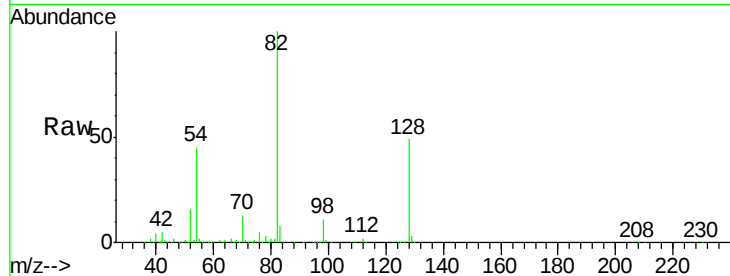




#23
 Nitrobenzene-d5
 Concen: 70.94 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG018654.D
 Acq: 12 Sep 2015 00:31

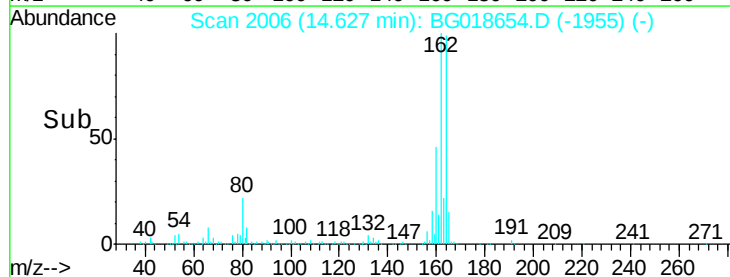
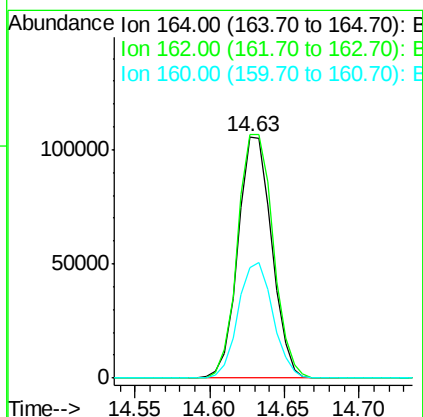
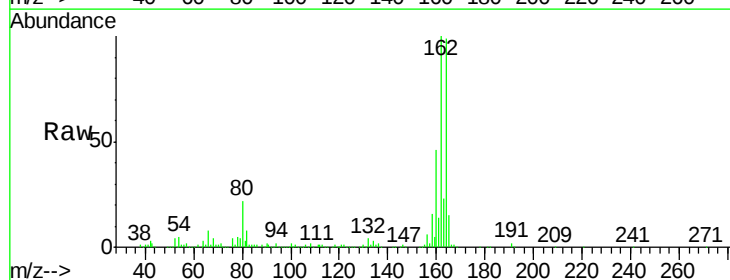
Instrument :
 BNA_G
 ClientSampleId :
 1508043497

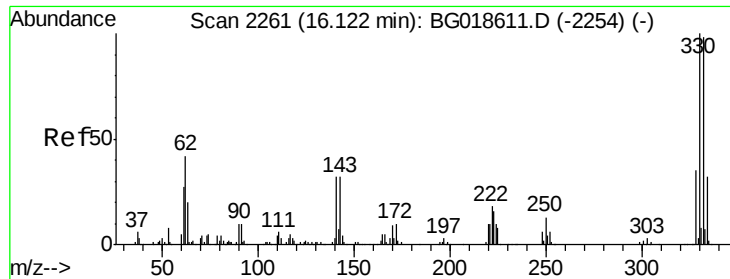
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.7	55.1
54	44.5	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BG018654.D
 Acq: 12 Sep 2015 00:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	46.0	36.4	54.6

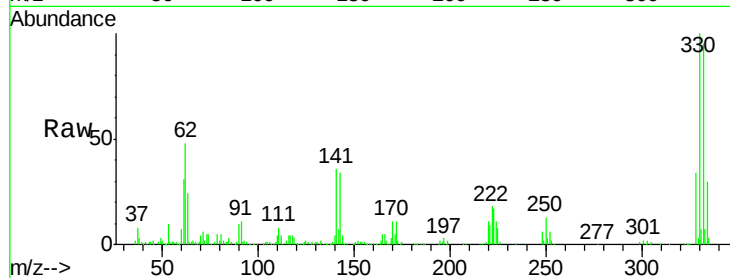




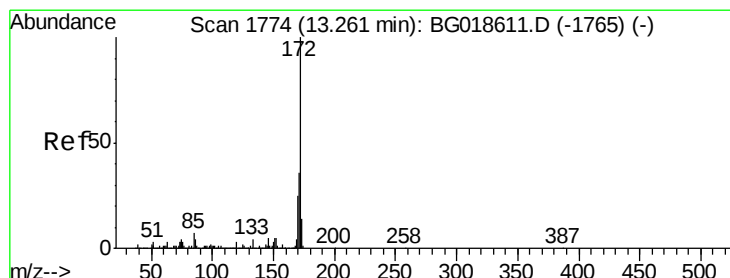
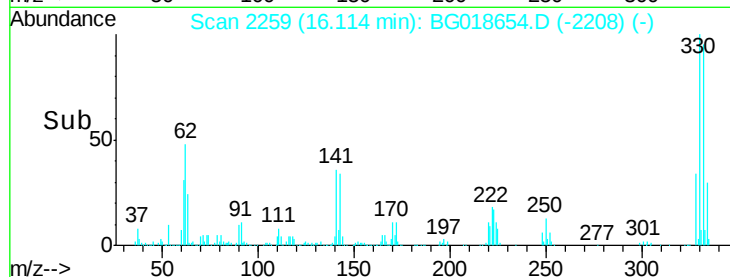
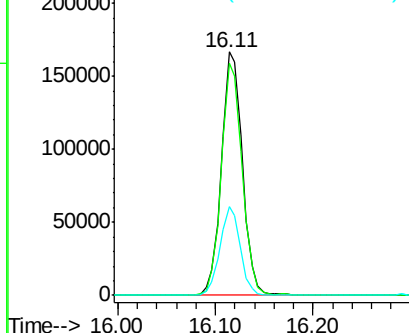
#41
 2,4,6-Tribromophenol
 Concen: 111.17 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BG018654.D
 Acq: 12 Sep 2015 00:31

Instrument :
 BNA_G
 ClientSampleId :
 1508043497

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.1	117.1
141	35.5	28.2	42.2

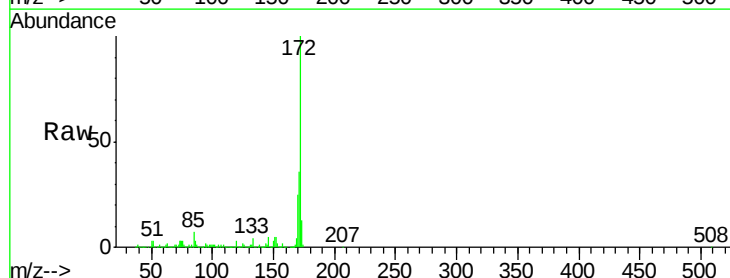


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

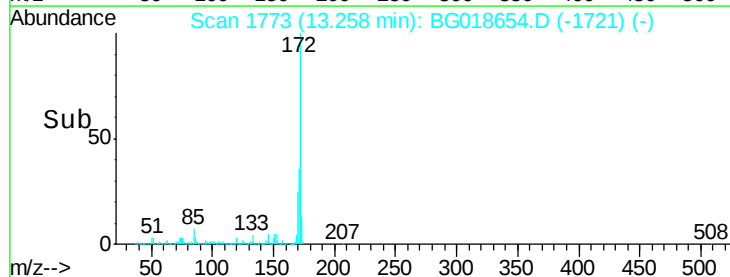
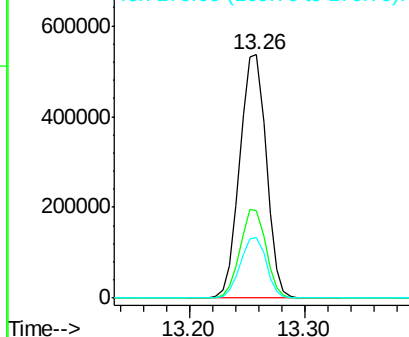


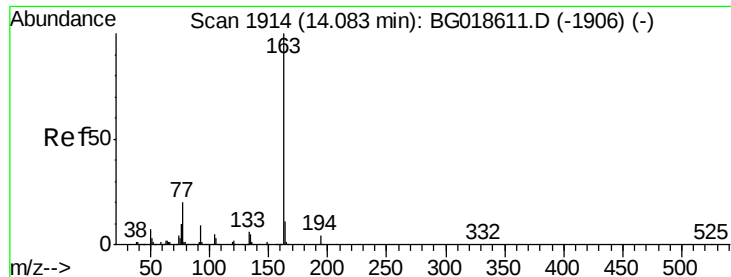
#44
 2-Fluorobiphenyl
 Concen: 71.84 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG018654.D
 Acq: 12 Sep 2015 00:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.8	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: 12.26 ng

RT: 14.07 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG018654.D

Acq: 12 Sep 2015 00:31

Instrument :

BNA_G

ClientSampleId :

1508043497

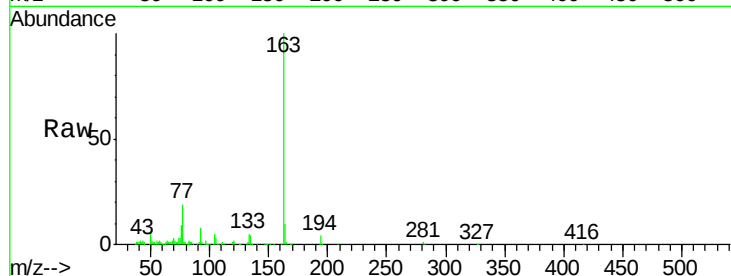
Tgt Ion:163 Resp: 168355

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

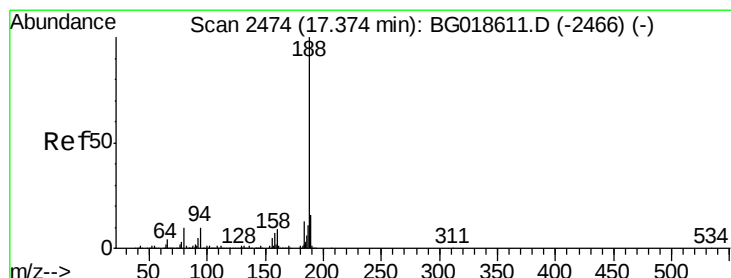
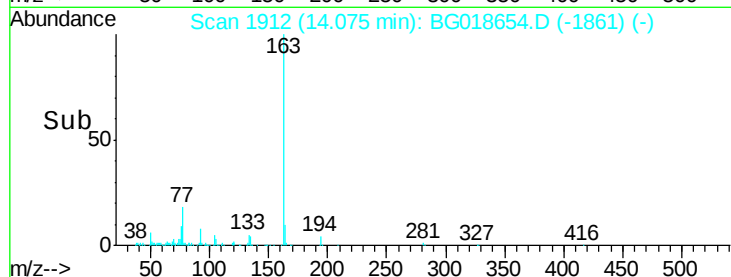
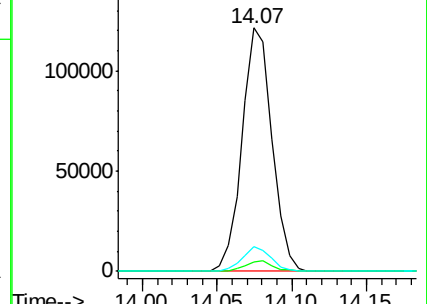
164 10.1 8.8 13.2



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# 2473

Delta R.T. -0.00 min

Lab File: BG018654.D

Acq: 12 Sep 2015 00:31

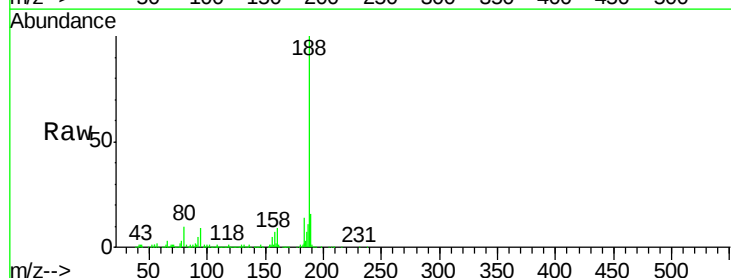
Tgt Ion:188 Resp: 435659

Ion Ratio Lower Upper

188 100

94 9.4 7.7 11.5

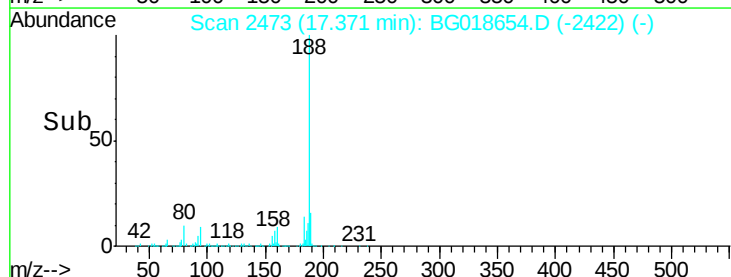
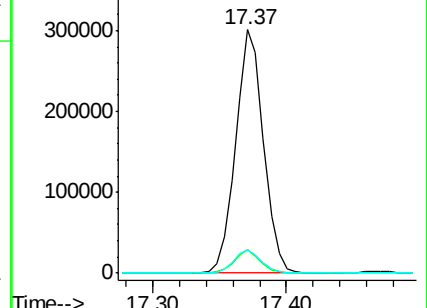
80 9.8 7.8 11.8

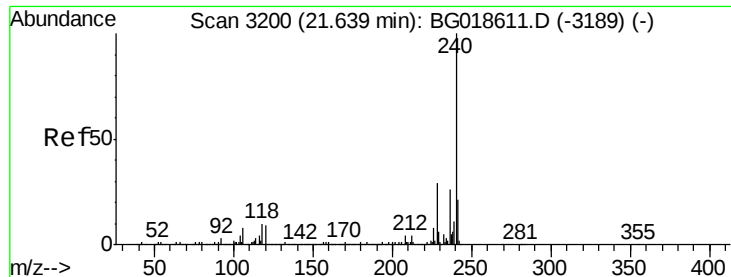


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.00 min

Lab File: BG018654.D

Acq: 12 Sep 2015 00:31

Instrument :

BNA_G

ClientSampleId :

1508043497

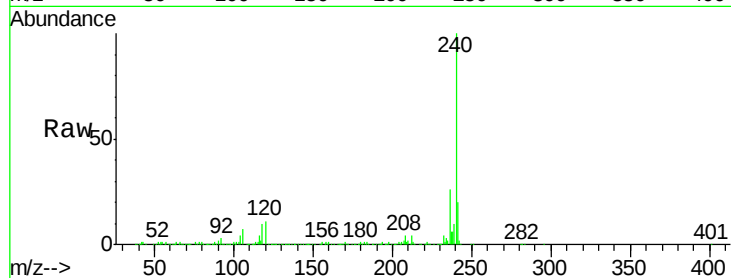
Tgt Ion:240 Resp: 497735

Ion Ratio Lower Upper

240 100

120 10.9 7.4 11.0

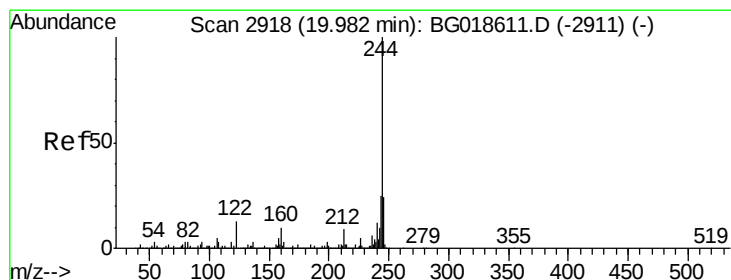
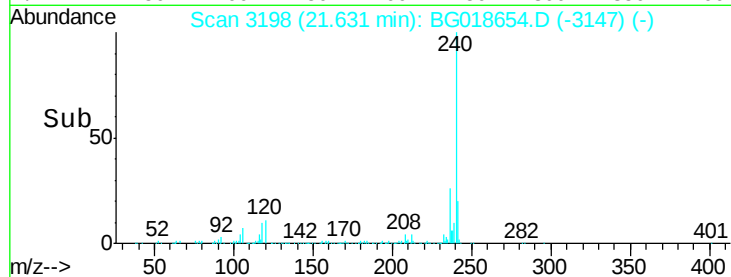
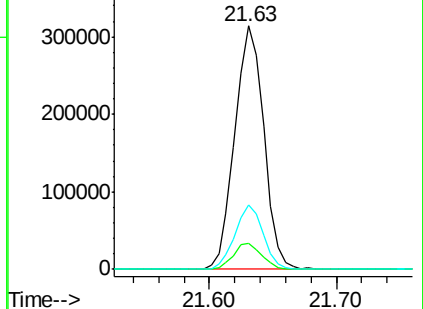
236 26.4 20.7 31.1



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: 70.37 ng

RT: 19.99 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018654.D

Acq: 12 Sep 2015 00:31

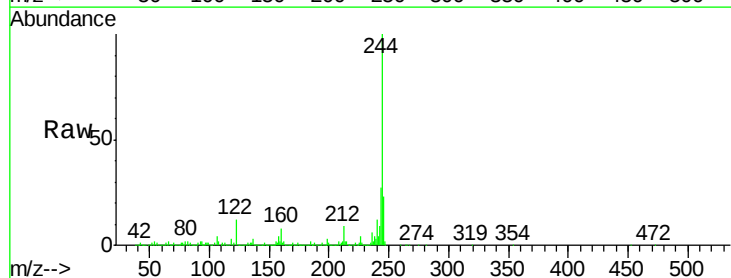
Tgt Ion:244 Resp: 1333789

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

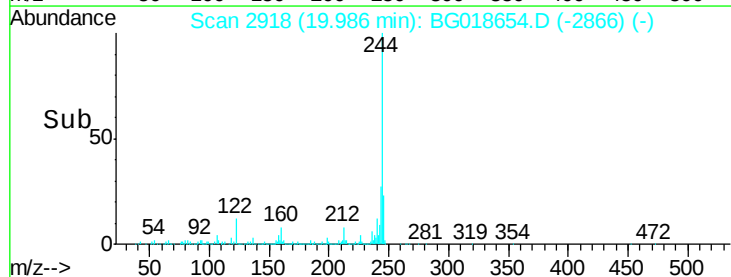
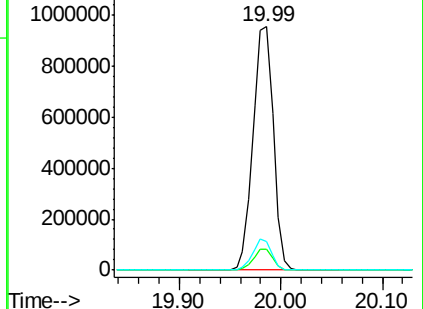
122 11.7 10.2 15.2

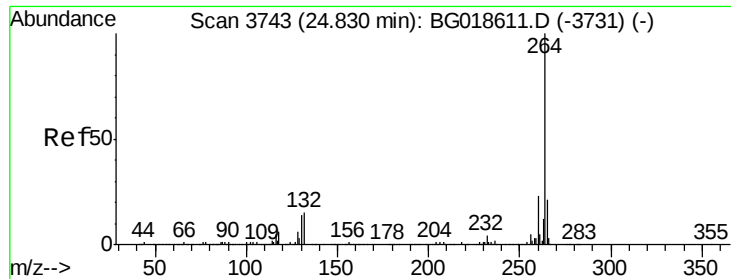


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3741
Delta R.T. -0.00 min
Lab File: BG018654.D
Acq: 12 Sep 2015 00:31

Instrument :
BNA_G
ClientSampleId :
1508043497

Tgt Ion: 264 Resp: 499689
Ion Ratio Lower Upper
264 100
260 24.5 18.5 27.7
265 20.8 17.2 25.8

