

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018743.D
 Acq On : 17 Sep 2015 18:05
 Operator : TP
 Sample : G3651-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS073031

Quant Time: Sep 18 03:46:51 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 03:41:39 2015
 Response via : Initial Calibration

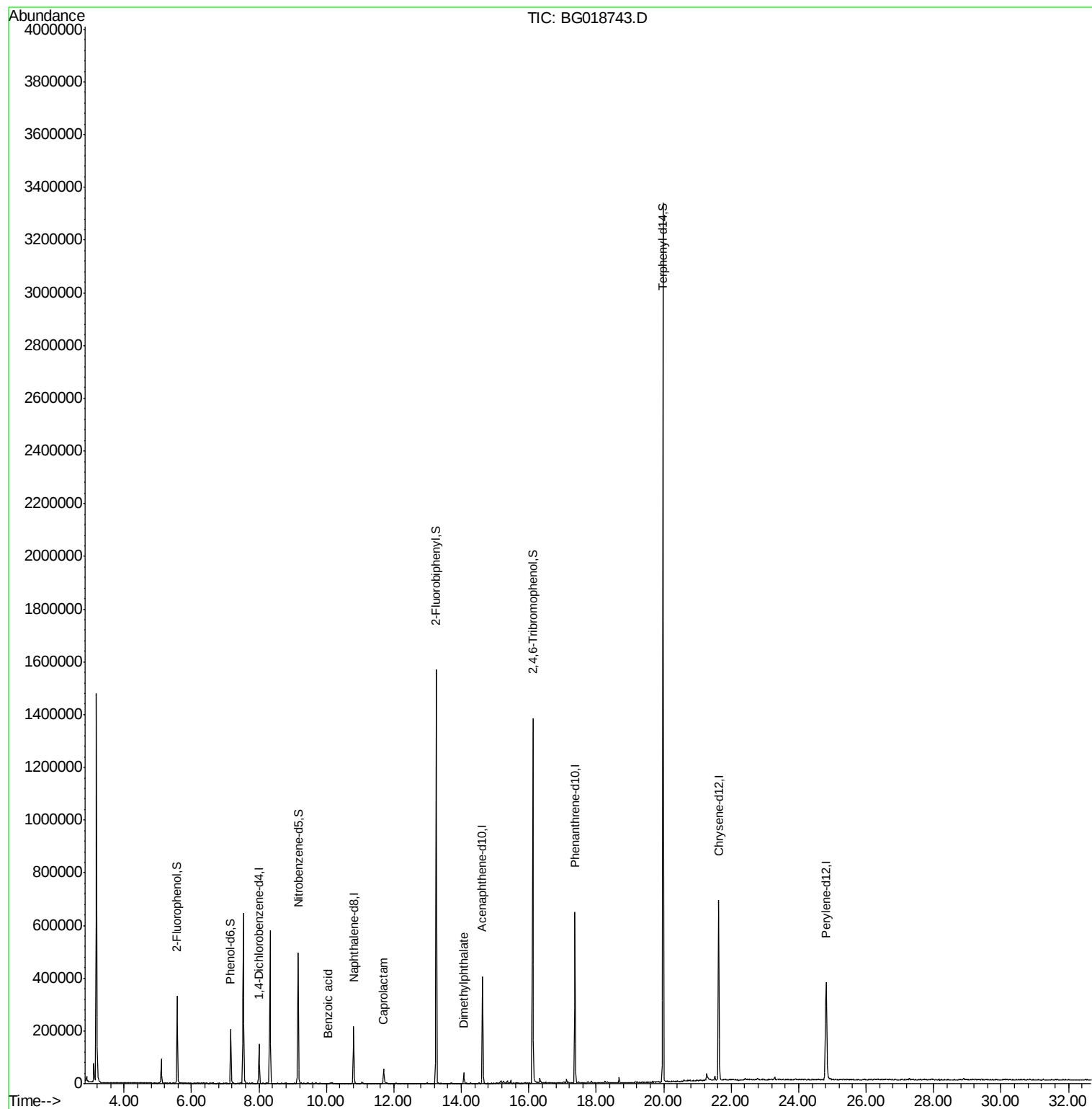
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	45810	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	192772	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	143847	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	400167	20.00	ng	0.00
75) Chrysene-d12	21.63	240	420931	20.00	ng	0.00
86) Perylene-d12	24.81	264	420264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	164539	62.05	ng	0.00
7) Phenol-d6	7.16	99	140570	36.97	ng	0.00
23) Nitrobenzene-d5	9.16	82	312034	90.58	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	290409	149.94	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	874673	84.41	ng	0.00
78) Terphenyl-d14	19.98	244	1450908	90.51	ng	0.00
Target Compounds						
32) Benzoic acid	10.05	122	58	7.95	ng	Qvalue # 1
35) Caprolactam	11.69	113	14576	10.82	ng	88
49) Dimethylphthalate	14.07	163	29274	2.46	ng	99

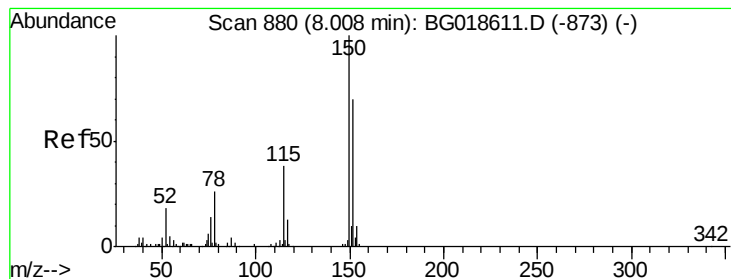
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG018743.D

Acq: 17 Sep 2015 18:05

Instrument :

BNA_G

ClientSampleId :

CPS073031

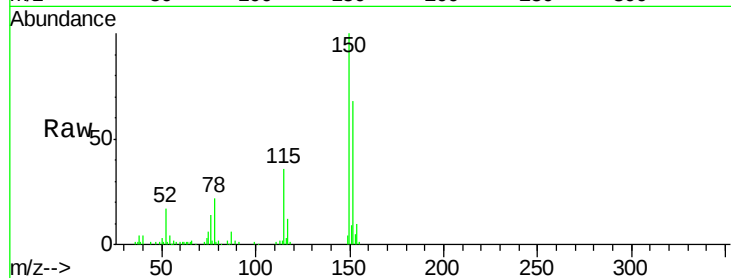
Tot Ion:152 Resp: 45810

Ion Ratio Lower Upper

152 100

150 147.2 115.0 172.4

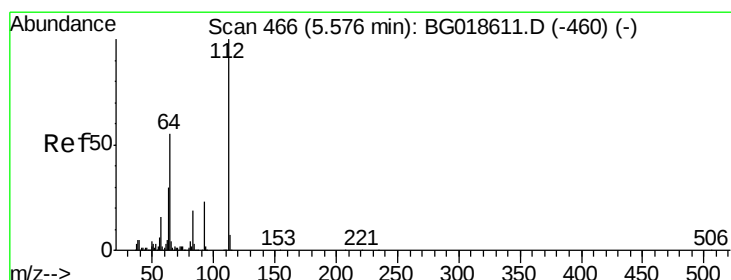
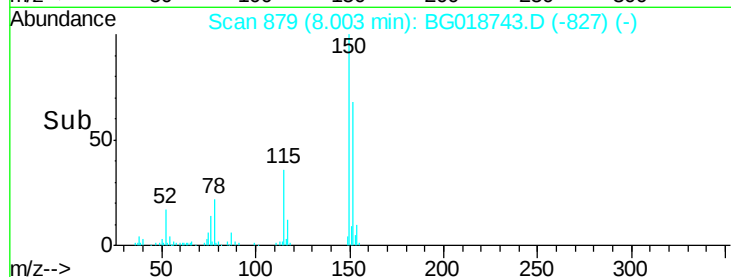
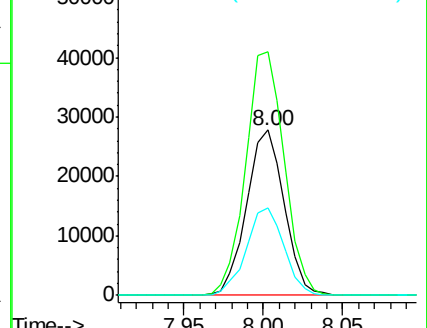
115 52.9 43.9 65.9



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: 62.05 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018743.D

Acq: 17 Sep 2015 18:05

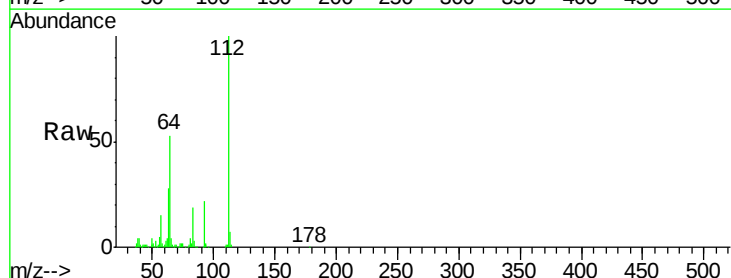
Tgt Ion:112 Resp: 164539

Ion Ratio Lower Upper

112 100

64 52.9 43.7 65.5

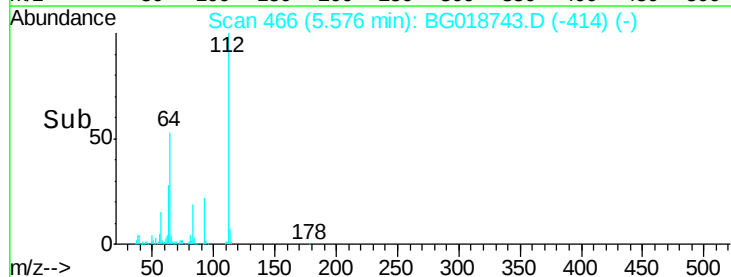
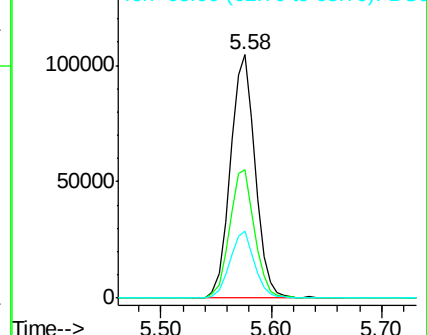
63 27.5 24.0 36.0

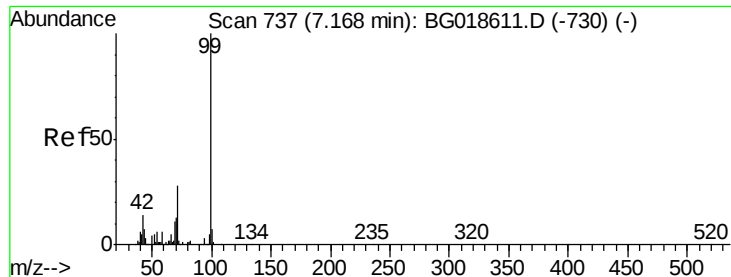


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.97 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018743.D

Acq: 17 Sep 2015 18:05

Instrument :

BNA_G

ClientSampleId :

CPS073031

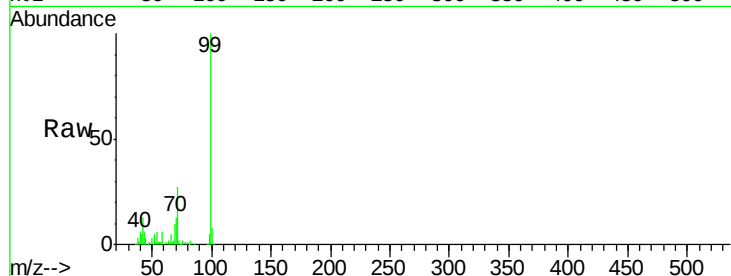
Tot Ion: 99 Resp: 140570

Ion Ratio Lower Upper

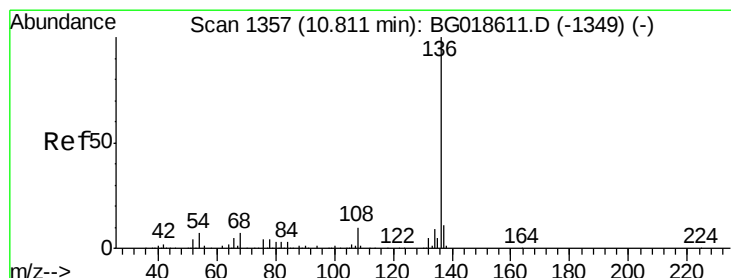
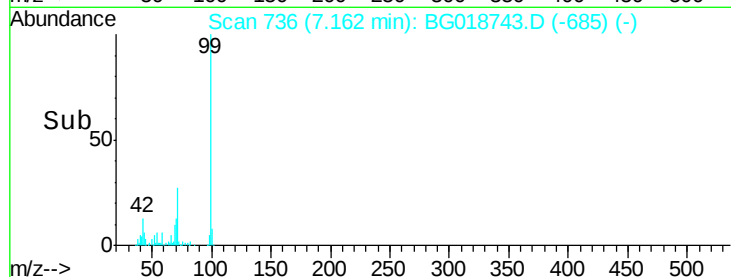
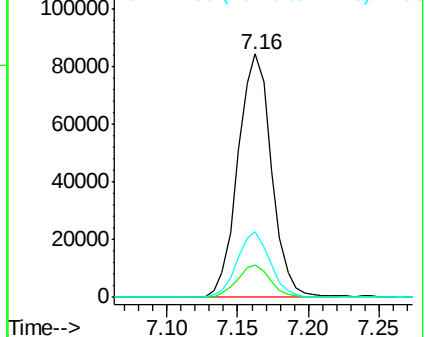
99 100

42 13.2 11.5 17.3

71 27.2 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG018743.D

Acq: 17 Sep 2015 18:05

Tgt Ion: 136 Resp: 192772

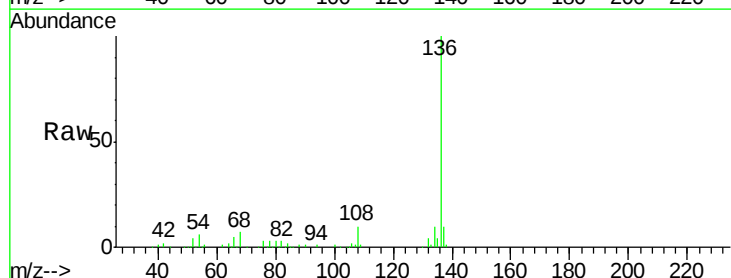
Ion Ratio Lower Upper

136 100

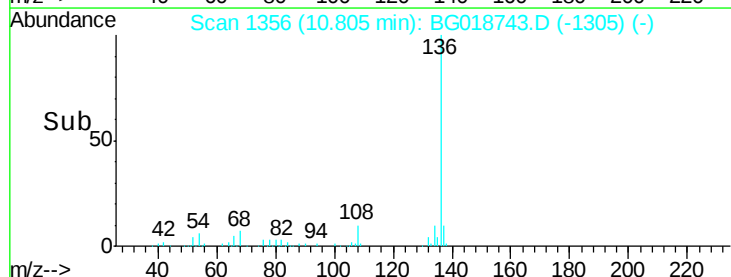
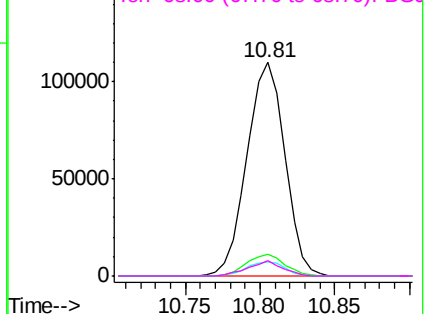
137 10.3 8.6 12.8

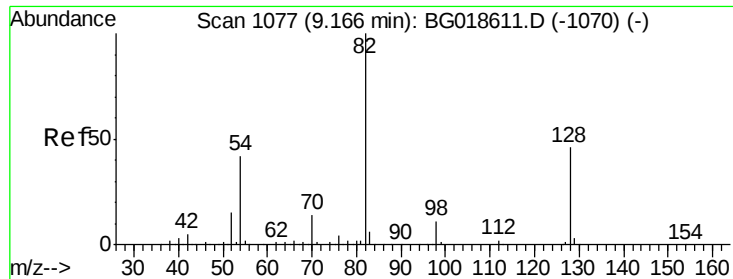
54 6.5 5.4 8.2

68 7.1 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

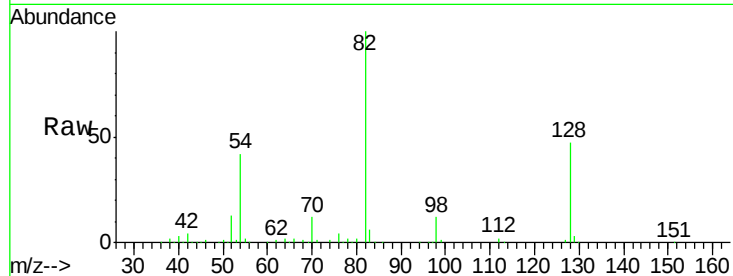




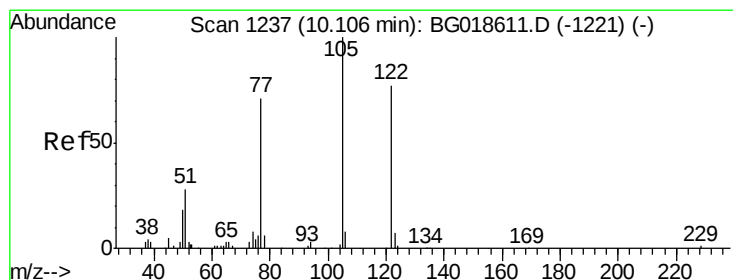
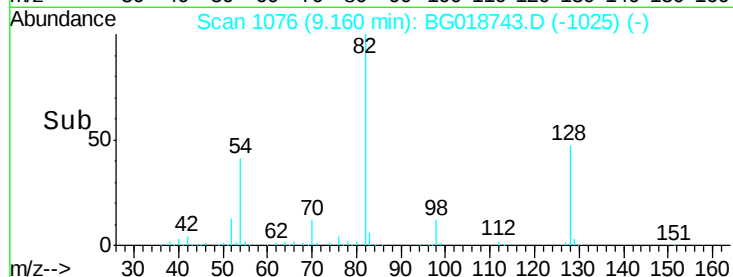
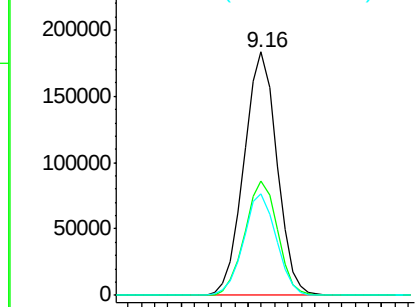
#23
Nitrobenzene-d5
Concen: 90.58 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG018743.D
Acq: 17 Sep 2015 18:05

Instrument :
BNA_G
ClientSampleId :
CPS073031

Tot Ion: 82 Resp: 312034
Ion Ratio Lower Upper
82 100
128 47.1 36.7 55.1
54 41.6 33.8 50.8

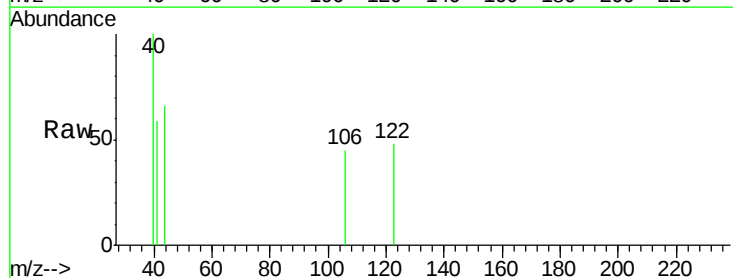


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

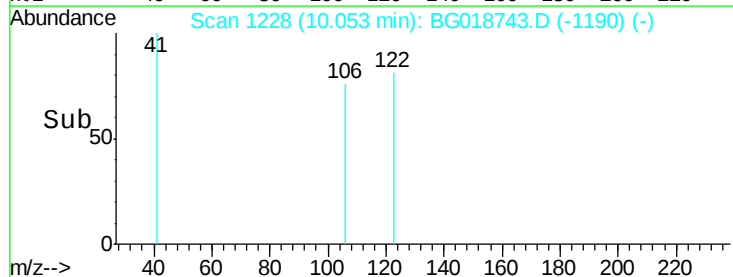
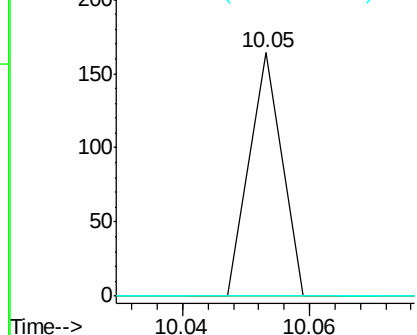


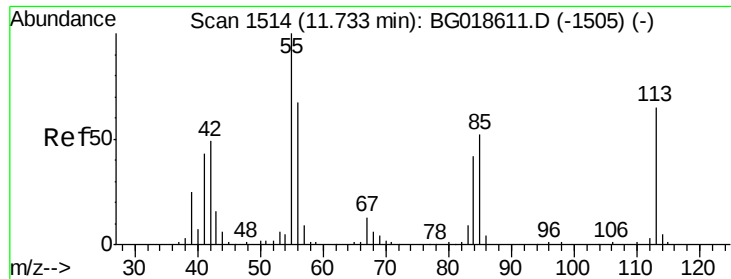
#32
Benzoic acid
Concen: 7.95 ng
RT: 10.05 min Scan# 1228
Delta R.T. -0.08 min
Lab File: BG018743.D
Acq: 17 Sep 2015 18:05

Tgt Ion: 122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 0.0 68.8 108.8#



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

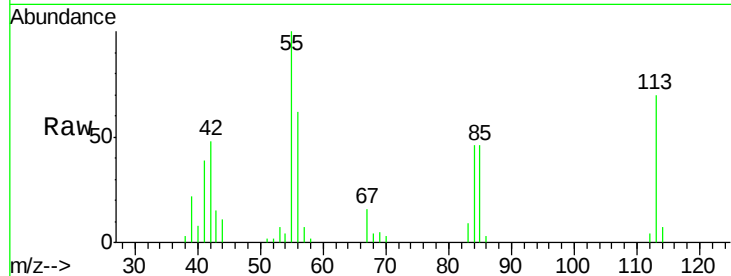




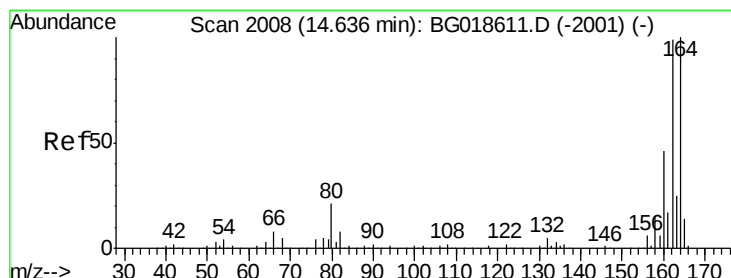
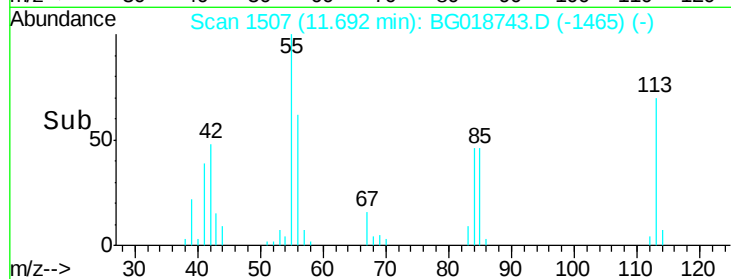
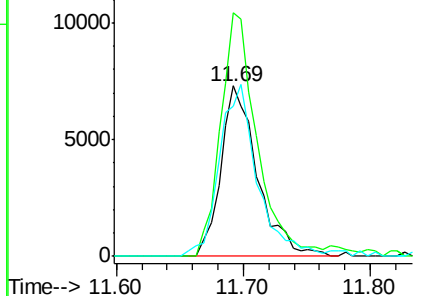
#35
 Caprolactam
 Concen: 10.82 ng
 RT: 11.69 min Scan# 1507
 Delta R.T. -0.05 min
 Lab File: BG018743.D
 Acq: 17 Sep 2015 18:05

Instrument :
 BNA_G
 ClientSampleId :
 CPS073031

Tot Ion:113 Resp: 14576
 Ion Ratio Lower Upper
 113 100
 55 142.7 135.0 175.0
 56 88.1 83.4 123.4

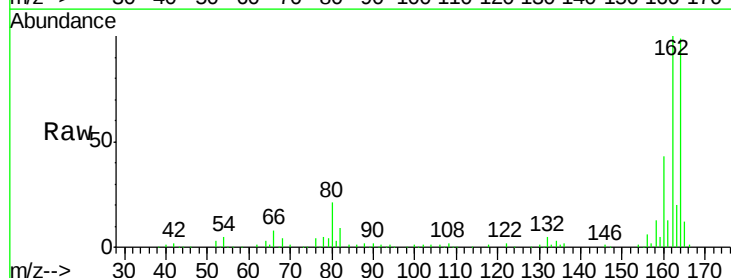


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGO
 Ion 56.00 (55.70 to 56.70): BGO

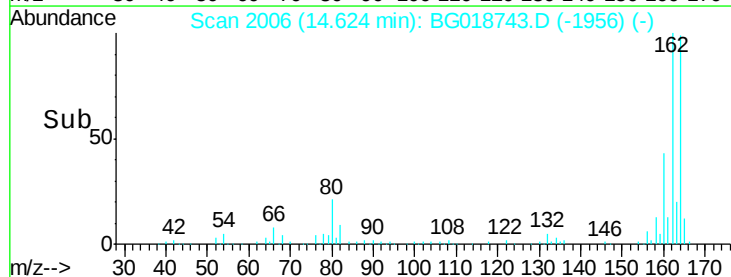
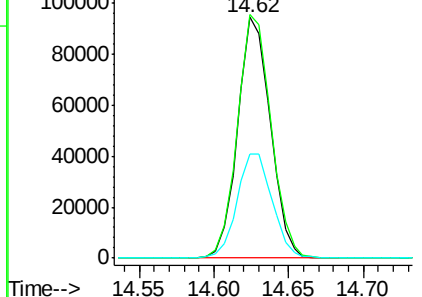


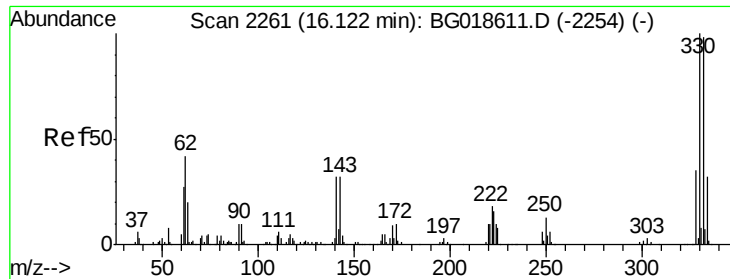
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG018743.D
 Acq: 17 Sep 2015 18:05

Tgt Ion:164 Resp: 143847
 Ion Ratio Lower Upper
 164 100
 162 101.2 78.8 118.2
 160 43.5 36.4 54.6



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

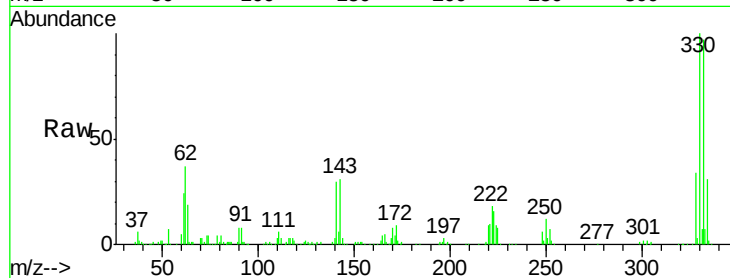




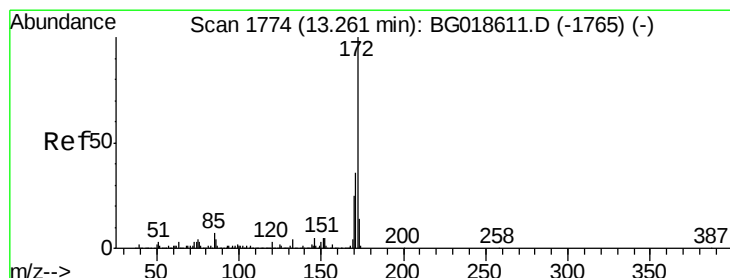
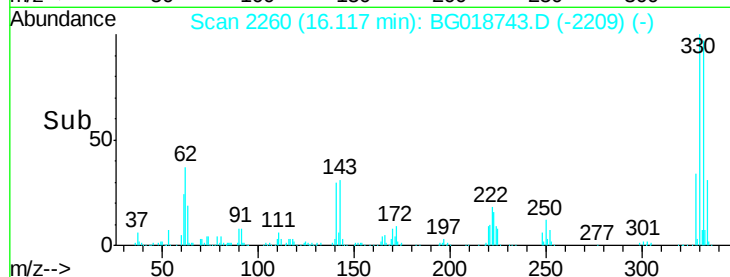
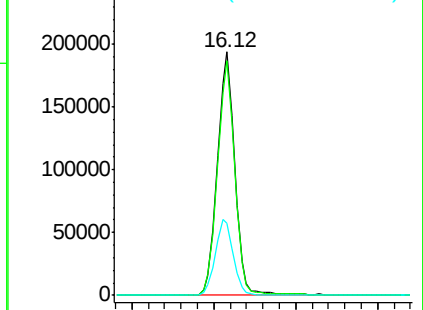
#41
 2,4,6-Tribromophenol
 Concen: 149.94 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG018743.D
 Acq: 17 Sep 2015 18:05

Instrument :
 BNA_G
 ClientSampleId :
 CPS073031

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.1	117.1
141	31.7	28.2	42.2

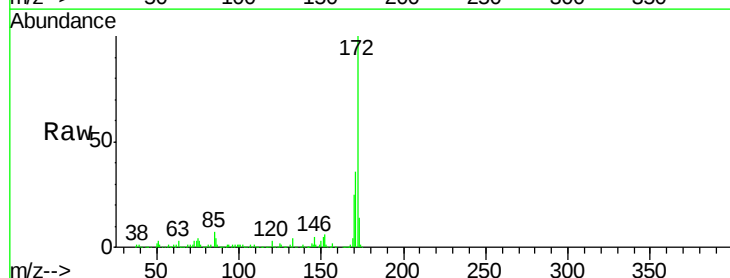


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

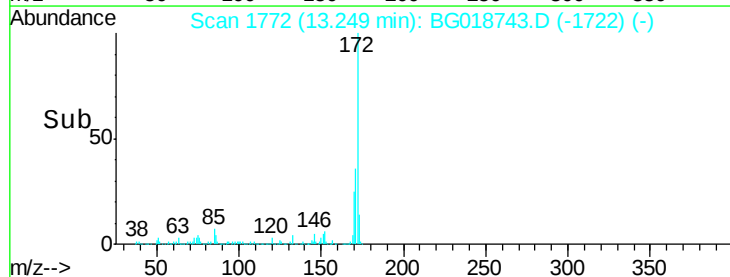
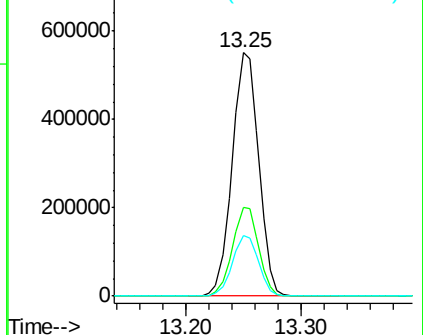


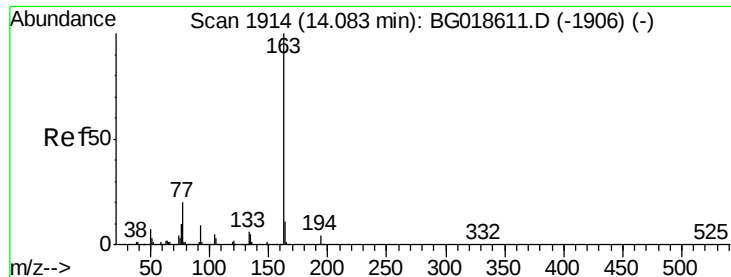
#44
 2-Fluorobiphenyl
 Concen: 84.41 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG018743.D
 Acq: 17 Sep 2015 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.6	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: 2.46 ng

RT: 14.07 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG018743.D

Acq: 17 Sep 2015 18:05

Instrument :

BNA_G

ClientSampleId :

CPS073031

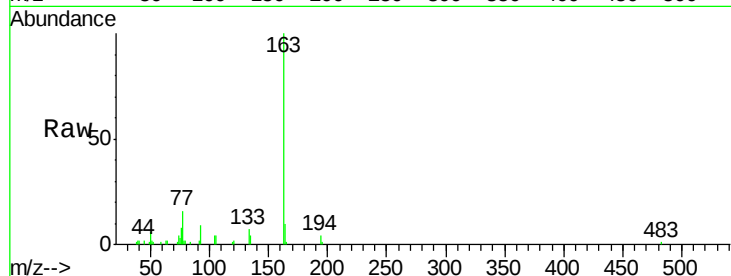
Tot Ion:163 Resp: 29274

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

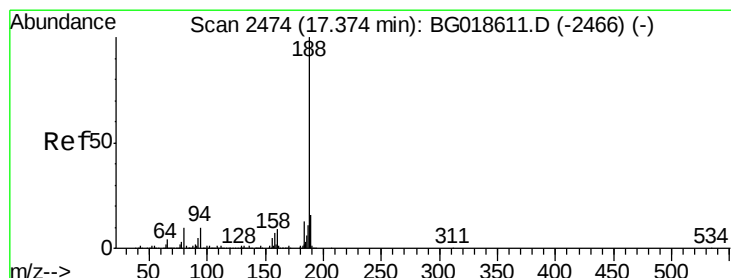
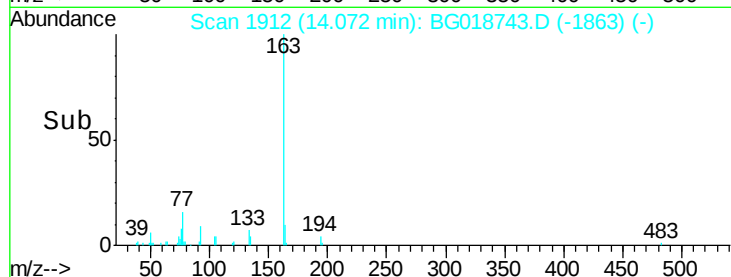
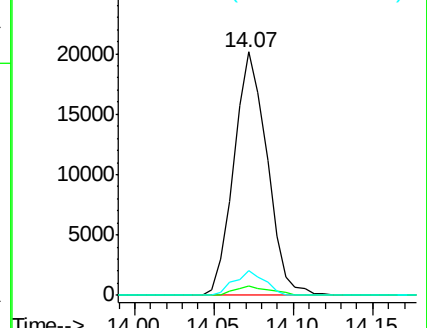
164 10.4 8.8 13.2



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. -0.01 min

Lab File: BG018743.D

Acq: 17 Sep 2015 18:05

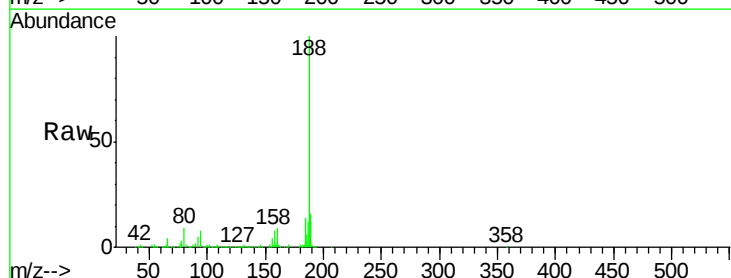
Tgt Ion:188 Resp: 400167

Ion Ratio Lower Upper

188 100

94 8.2 7.7 11.5

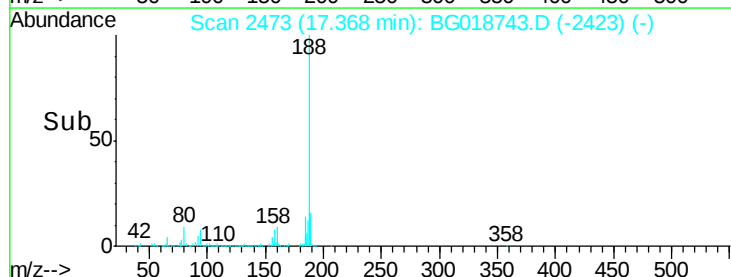
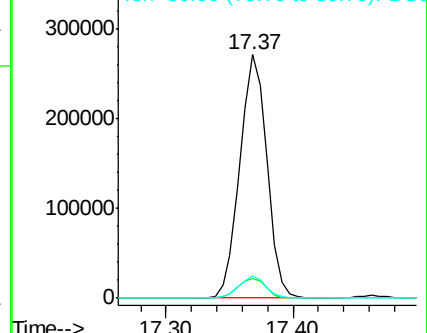
80 9.2 7.8 11.8

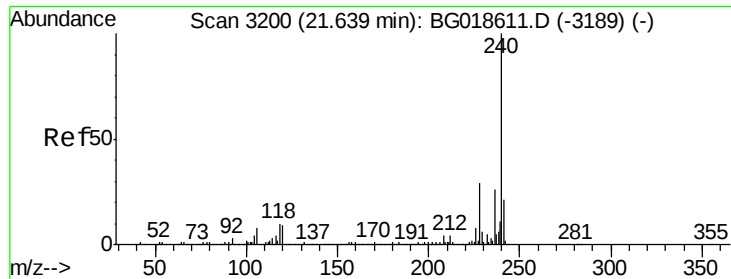


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG018743.D

Acq: 17 Sep 2015 18:05

Instrument :

BNA_G

ClientSampleId :

CPS073031

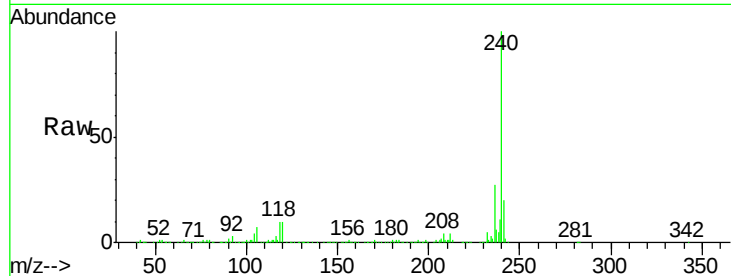
Tot Ion:240 Resp: 420931

Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.0

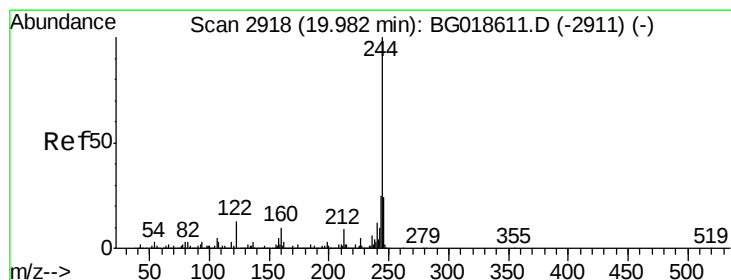
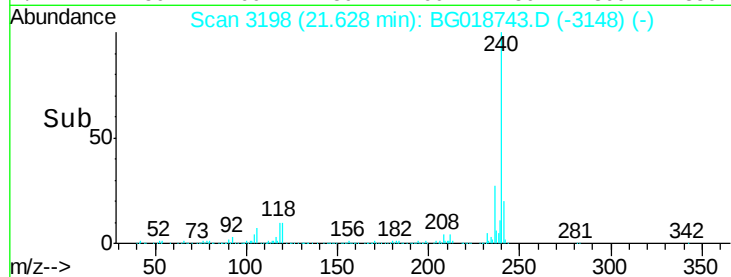
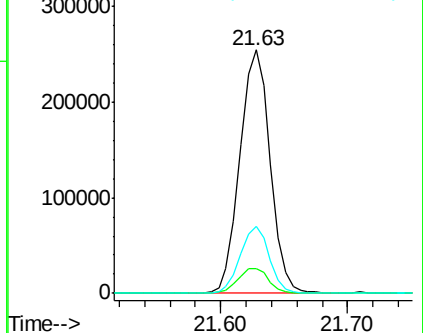
236 27.3 20.7 31.1



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: 90.51 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG018743.D

Acq: 17 Sep 2015 18:05

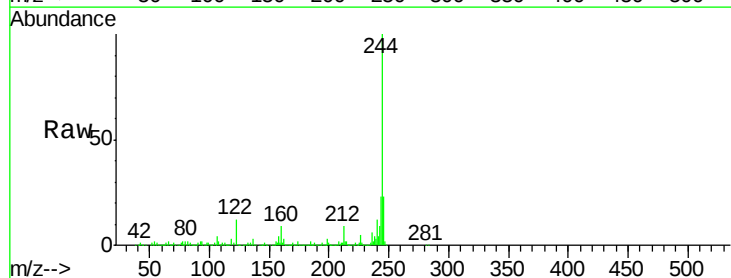
Tgt Ion:244 Resp: 1450908

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

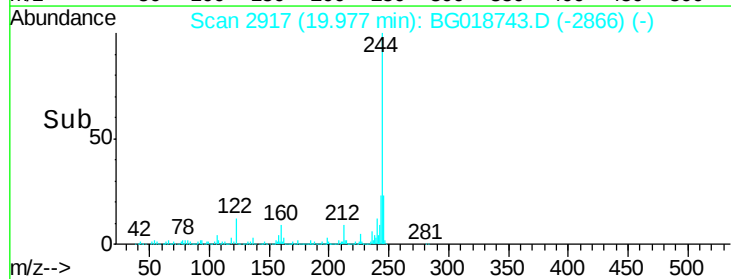
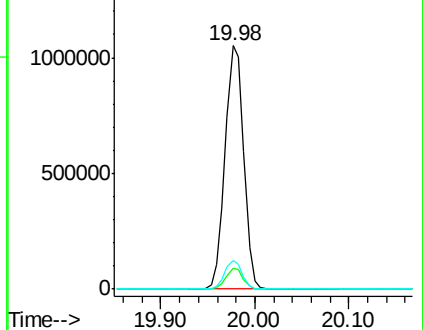
122 11.8 10.2 15.2

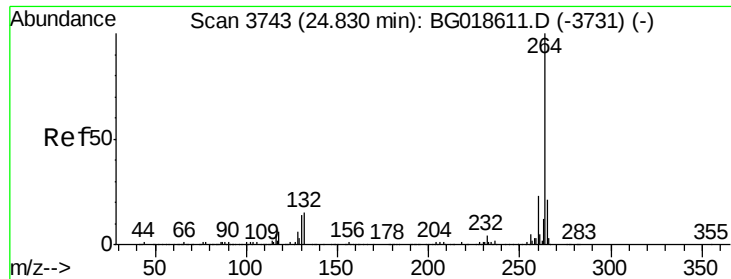


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3740
Delta R.T. -0.01 min
Lab File: BG018743.D
Acq: 17 Sep 2015 18:05

Instrument :
BNA_G
ClientSampleId :
CPS073031

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.9	17.2	25.8

