

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018736.D
 Acq On : 17 Sep 2015 13:38
 Operator : TP
 Sample : G3651-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS063031

Quant Time: Sep 18 03:54:02 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

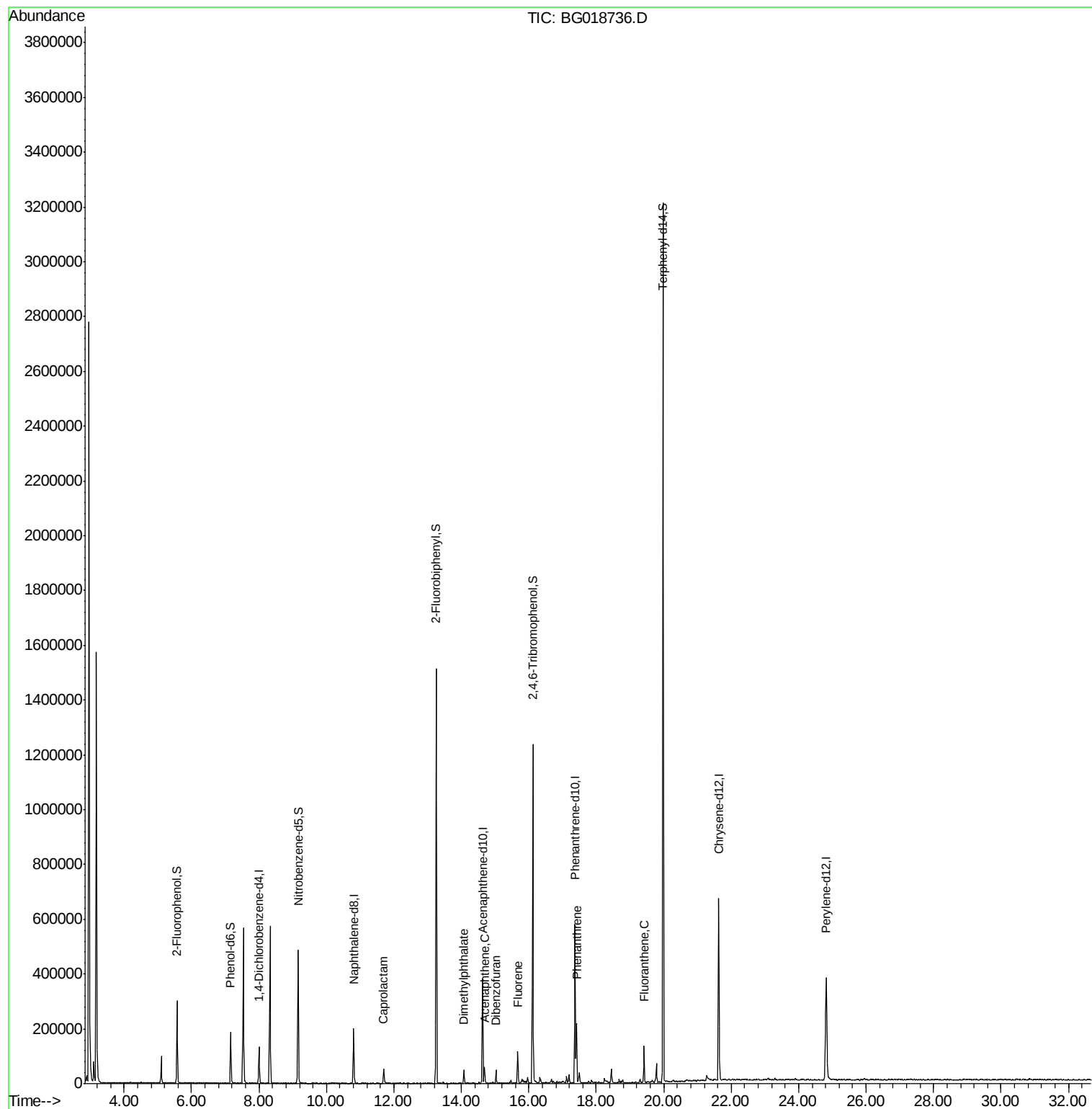
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	41418	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	180042	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	135150	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	383302	20.00	ng	0.00
75) Chrysene-d12	21.63	240	411733	20.00	ng	0.00
86) Perylene-d12	24.82	264	402963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	144913	60.44	ng	0.00
7) Phenol-d6	7.16	99	131188	38.16	ng	0.00
23) Nitrobenzene-d5	9.16	82	302992	94.17	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	245931	135.14	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	860216	88.36	ng	0.00
78) Terphenyl-d14	19.98	244	1407640	89.78	ng	0.00
Target Compounds						Qvalue
35) Caprolactam	11.69	113	13739	10.92	ng	92
49) Dimethylphthalate	14.07	163	36326	3.25	ng	# 98
51) Acenaphthene	14.69	154	21793	2.56	ng	93
54) Dibenzofuran	15.02	168	33231	2.51	ng	98
57) Fluorene	15.67	166	56172	4.93	ng	94
70) Phenanthrene	17.42	178	139953	6.94	ng	97
74) Fluoranthene	19.42	202	80816	3.24	ng	98

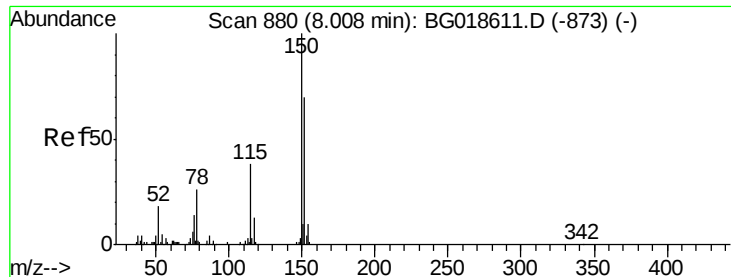
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
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ALS Vial : 5 Sample Multiplier: 1

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CPS063031

Quant Time: Sep 18 03:54:02 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG018736.D

Acq: 17 Sep 2015 13:38

Instrument :

BNA_G

ClientSampleId :

CPS063031

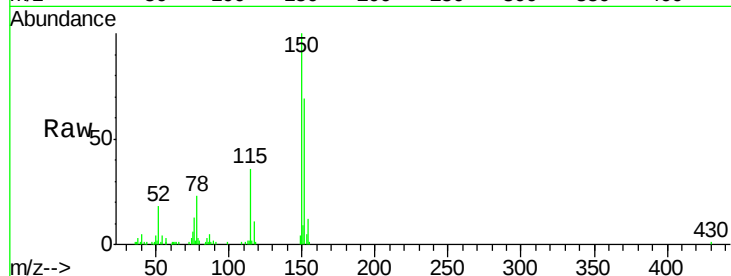
Tot Ion:152 Resp: 41418

Ion Ratio Lower Upper

152 100

150 145.9 115.0 172.4

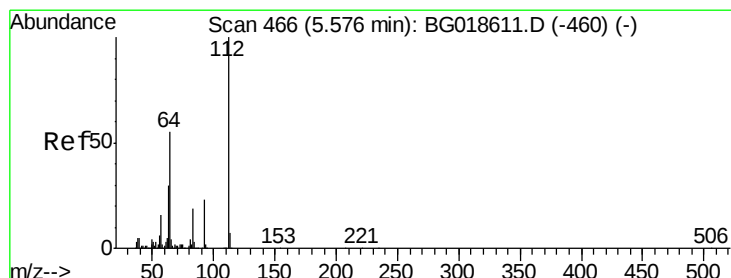
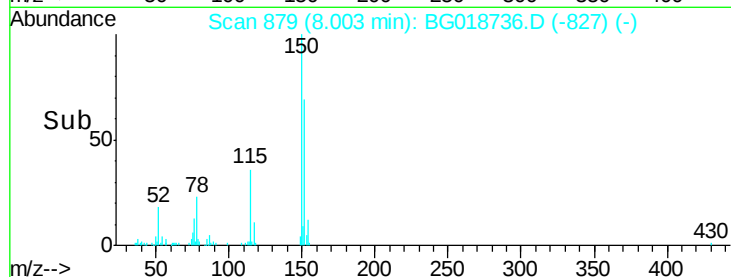
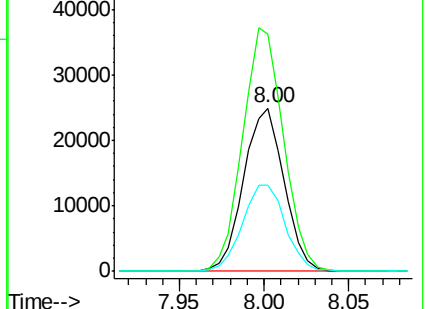
115 52.8 43.9 65.9



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: 60.44 ng

RT: 5.57 min Scan# 465

Delta R.T. -0.00 min

Lab File: BG018736.D

Acq: 17 Sep 2015 13:38

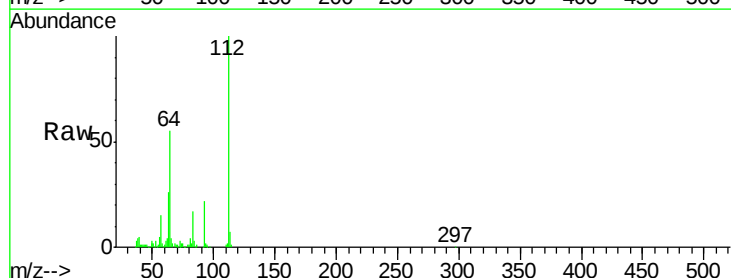
Tgt Ion:112 Resp: 144913

Ion Ratio Lower Upper

112 100

64 54.8 43.7 65.5

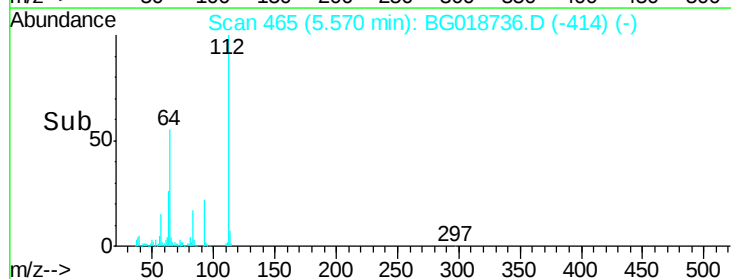
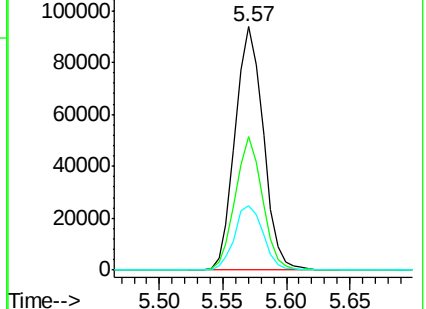
63 26.5 24.0 36.0

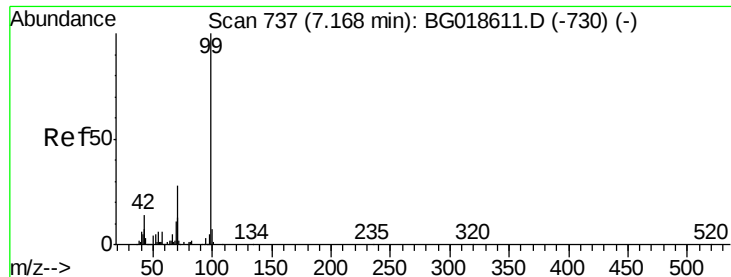


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.16 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018736.D

Acq: 17 Sep 2015 13:38

Instrument :

BNA_G

ClientSampleId :

CPS063031

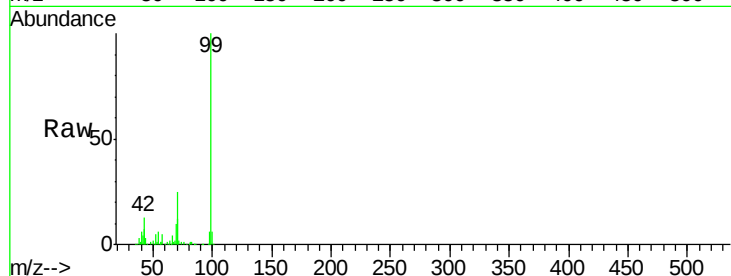
Tot Ion: 99 Resp: 131188

Ion Ratio Lower Upper

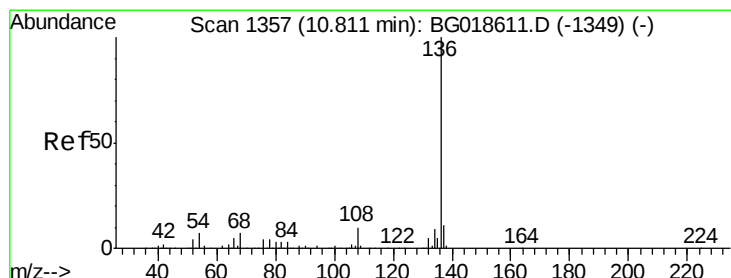
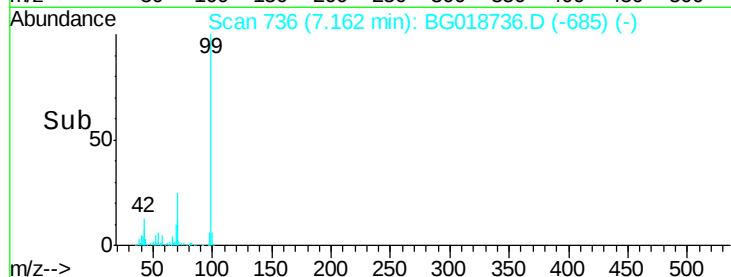
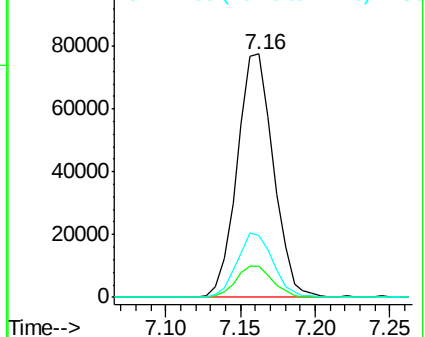
99 100

42 12.6 11.5 17.3

71 25.3 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: BG018736.D

Acq: 17 Sep 2015 13:38

Tgt Ion: 136 Resp: 180042

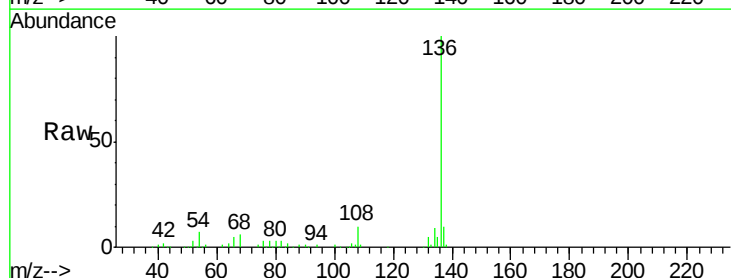
Ion Ratio Lower Upper

136 100

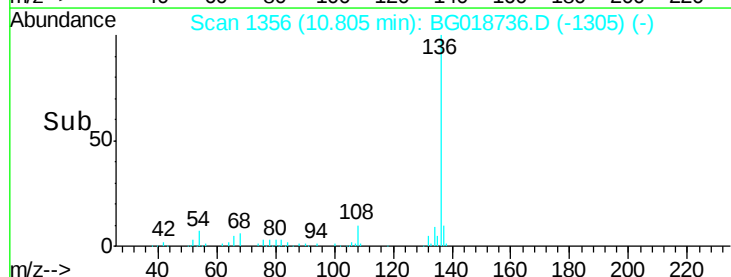
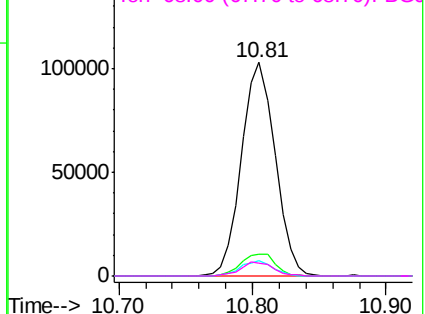
137 10.5 8.6 12.8

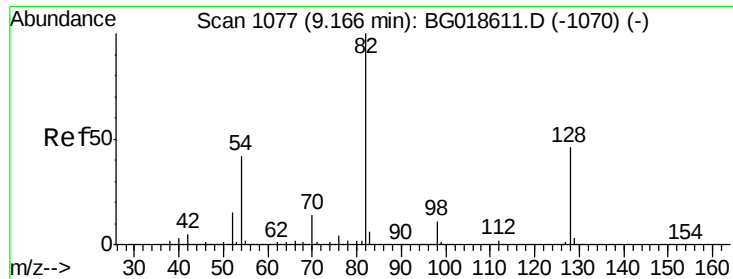
54 7.1 5.4 8.2

68 5.9 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

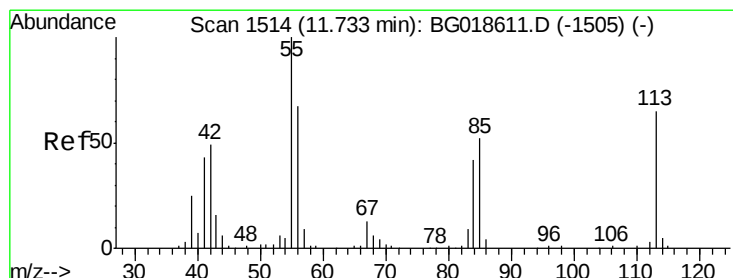
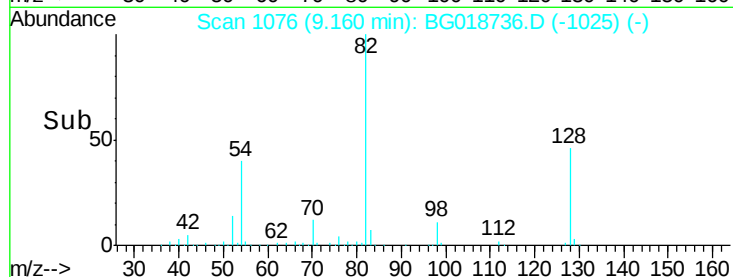
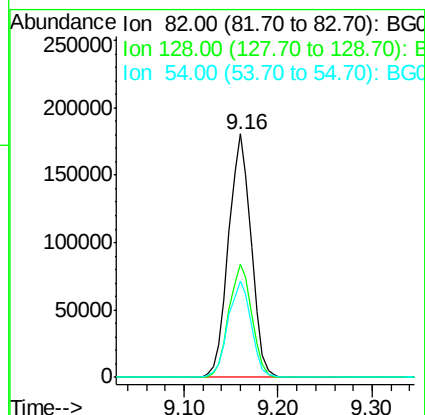
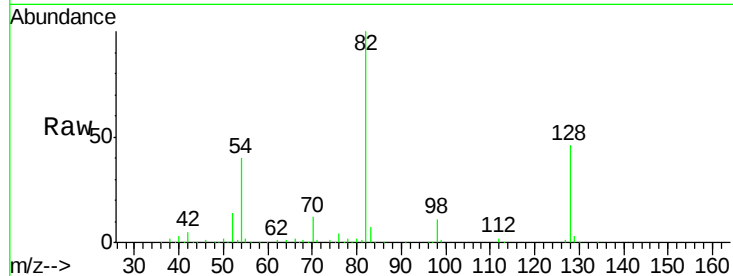




#23
 Nitrobenzene-d5
 Concen: 94.17 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG018736.D
 Acq: 17 Sep 2015 13:38

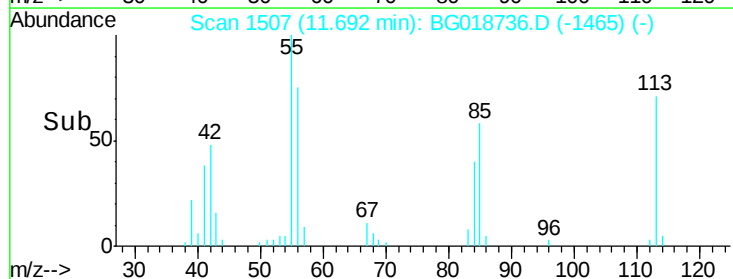
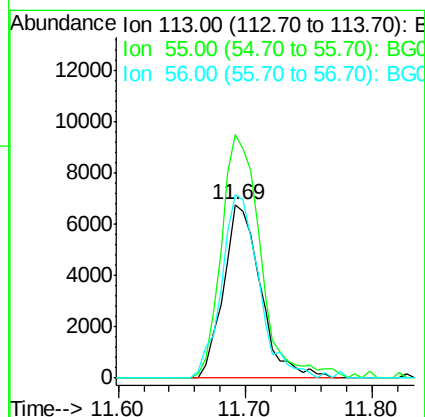
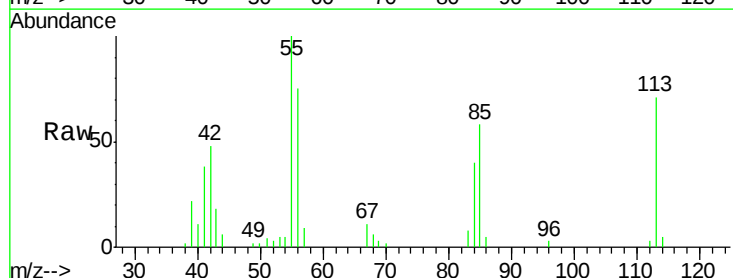
Instrument :
 BNA_G
 ClientSampleId :
 CPS063031

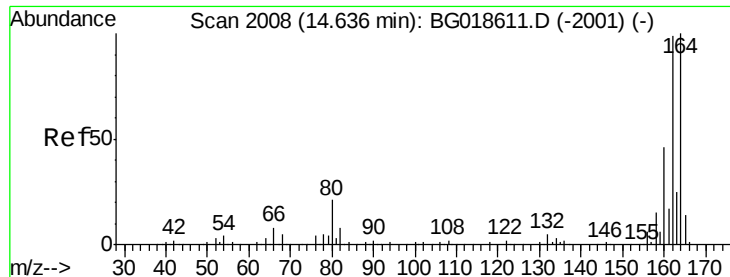
Tot Ion: 82 Resp: 302992
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.7 55.1
 54 39.8 33.8 50.8



#35
 Caprolactam
 Concen: 10.92 ng
 RT: 11.69 min Scan# 1507
 Delta R.T. -0.05 min
 Lab File: BG018736.D
 Acq: 17 Sep 2015 13:38

Tgt Ion: 113 Resp: 13739
 Ion Ratio Lower Upper
 113 100
 55 140.2 135.0 175.0
 56 105.8 83.4 123.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG018736.D

Acq: 17 Sep 2015 13:38

Instrument :

BNA_G

ClientSampleId :

CPS063031

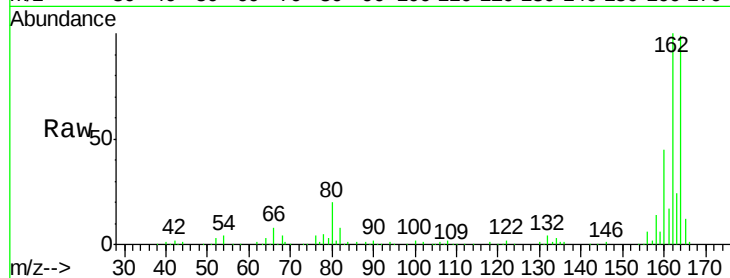
Tot Ion:164 Resp: 135150

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

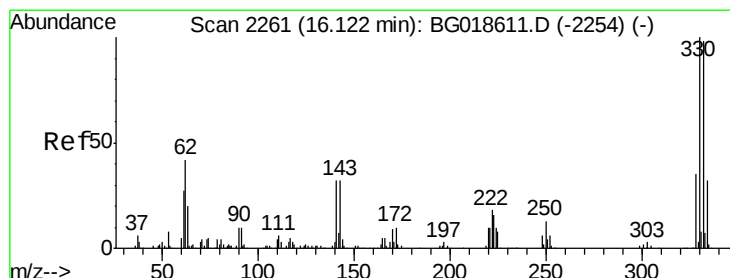
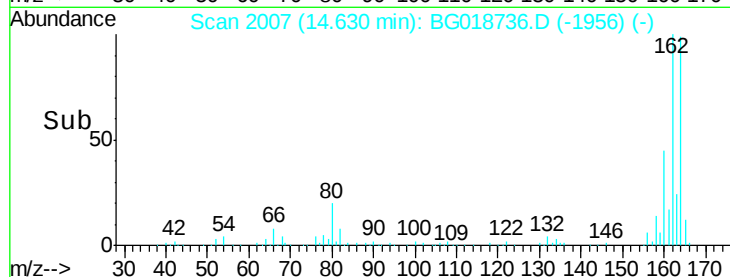
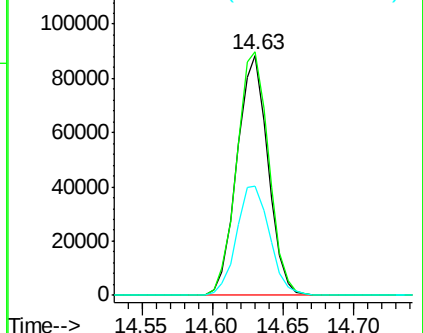
160 45.4 36.4 54.6



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: 135.14 ng

RT: 16.12 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG018736.D

Acq: 17 Sep 2015 13:38

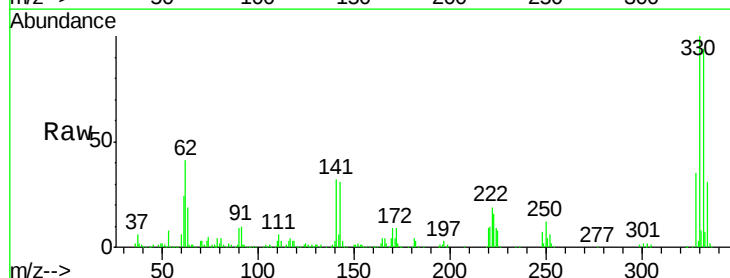
Tgt Ion:330 Resp: 245931

Ion Ratio Lower Upper

330 100

332 95.5 78.1 117.1

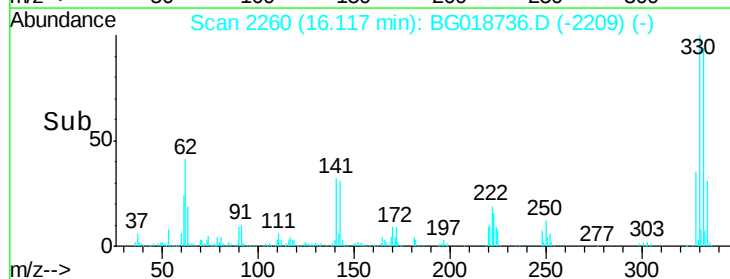
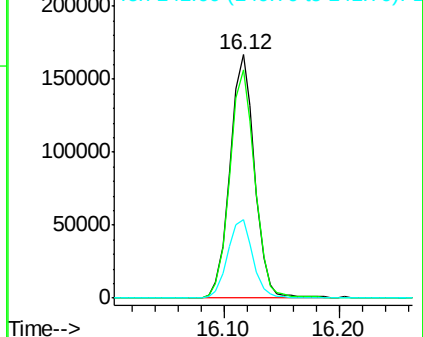
141 32.9 28.2 42.2



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

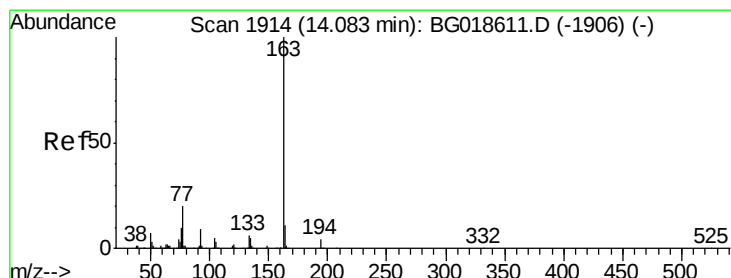
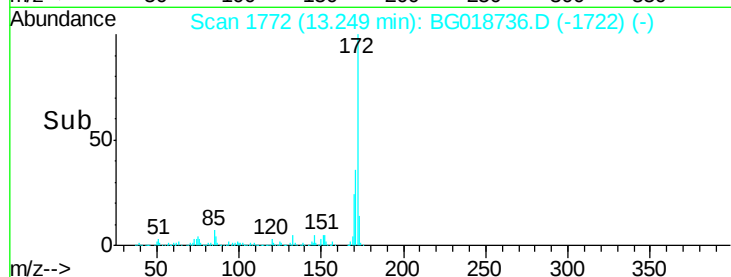
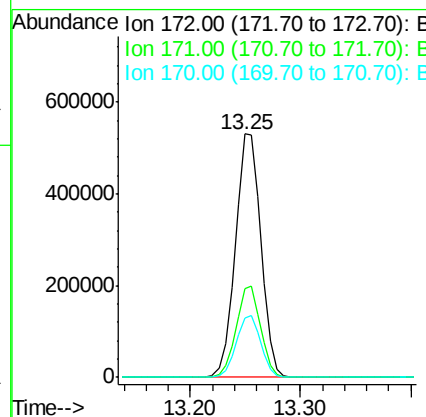
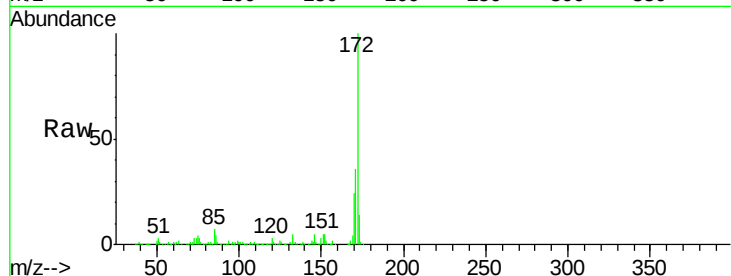




#44
2-Fluorobiphenyl
Concen: 88.36 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG018736.D
Acq: 17 Sep 2015 13:38

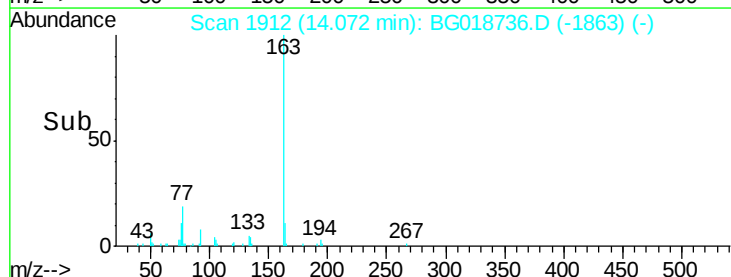
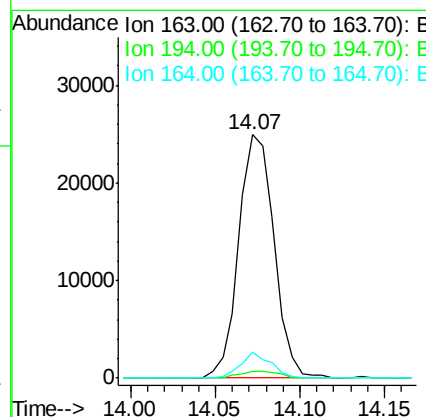
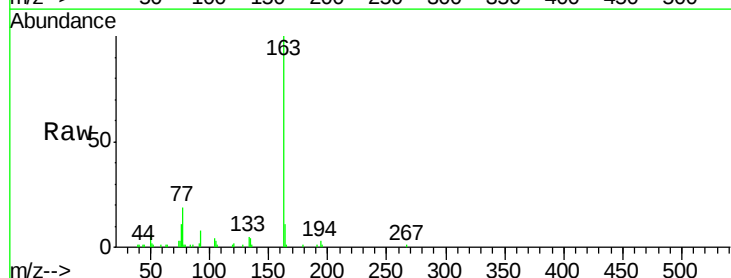
Instrument :
BNA_G
ClientSampleId :
CPS063031

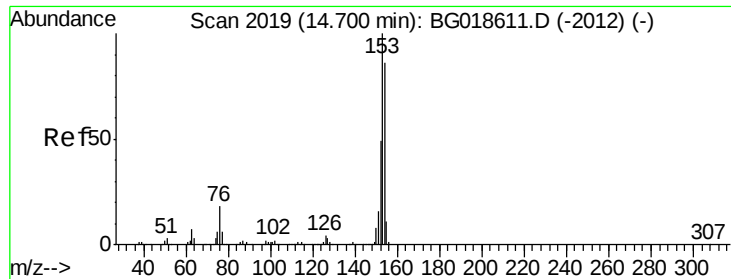
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.4	19.9	29.9



#49
Dimethylphthalate
Concen: 3.25 ng
RT: 14.07 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG018736.D
Acq: 17 Sep 2015 13:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.7	3.1	4.7#
164	10.7	8.8	13.2





#51

Acenaphthene

Concen: 2.56 ng

RT: 14.69 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BG018736.D

Acq: 17 Sep 2015 13:38

Instrument :

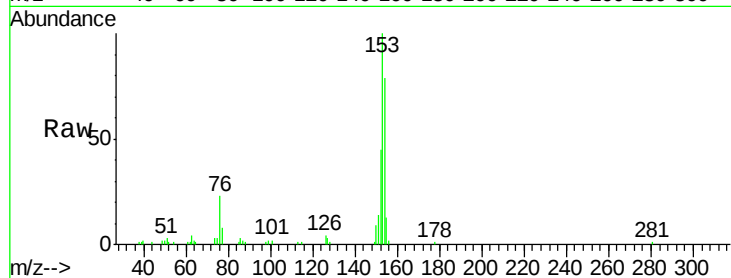
BNA_G

ClientSampleId :

CPS063031

Tot Ion:154 Resp: 21793

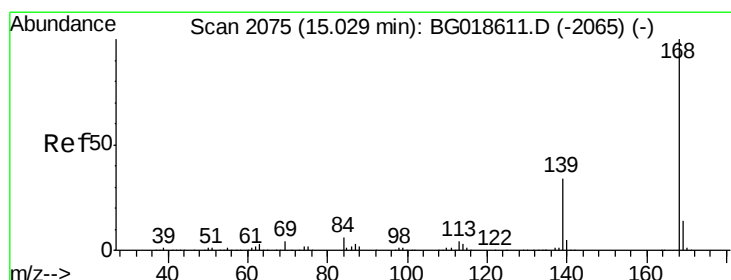
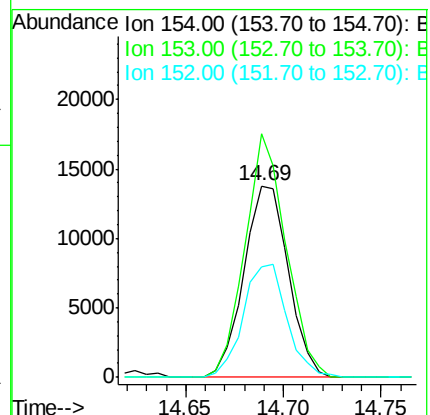
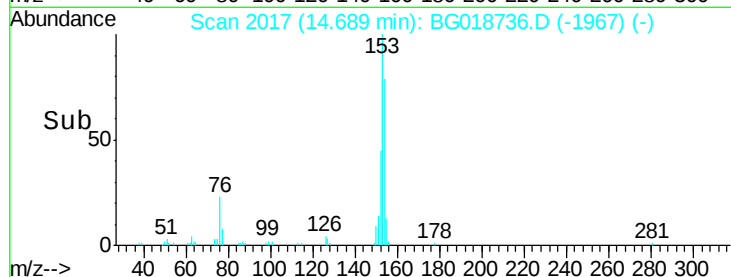
Ion	Ratio	Lower	Upper
154	100		
153	127.0	92.9	139.3
152	57.6	45.8	68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.51 ng

RT: 15.02 min Scan# 2074

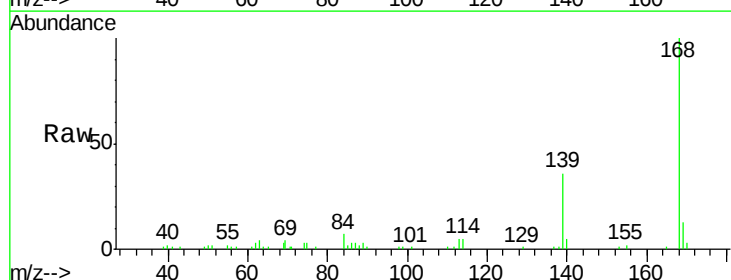
Delta R.T. -0.01 min

Lab File: BG018736.D

Acq: 17 Sep 2015 13:38

Tgt Ion:168 Resp: 33231

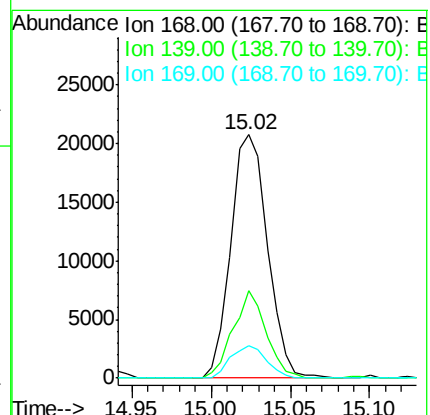
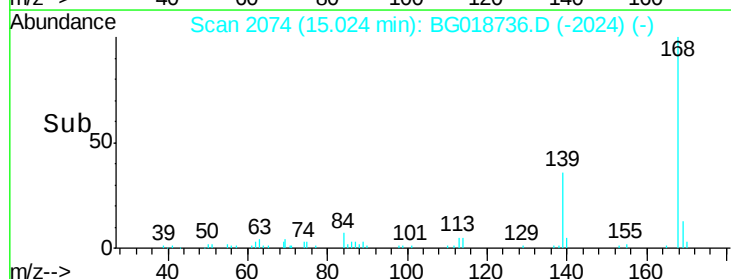
Ion	Ratio	Lower	Upper
168	100		
139	35.8	27.4	41.0
169	13.1	11.0	16.4

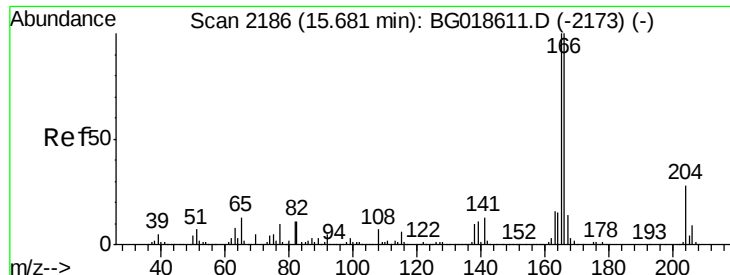


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 4.93 ng

RT: 15.67 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG018736.D

Acq: 17 Sep 2015 13:38

Instrument :

BNA_G

ClientSampleId :

CPS063031

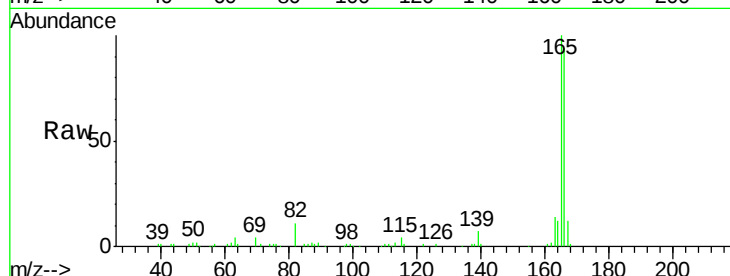
Tot Ion:166 Resp: 56172

Ion Ratio Lower Upper

166 100

165 106.4 80.0 120.0

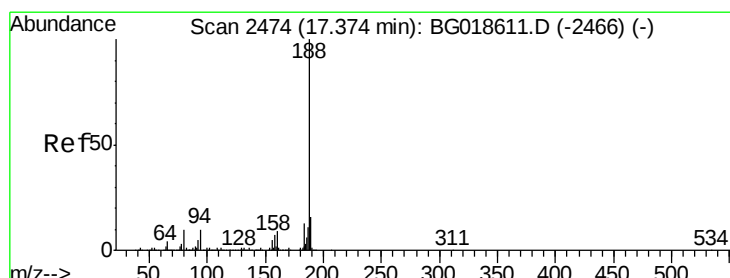
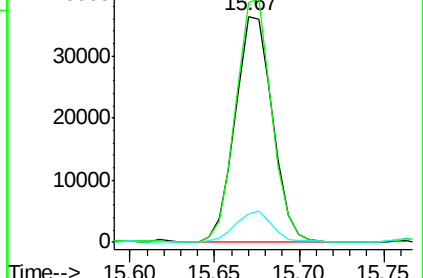
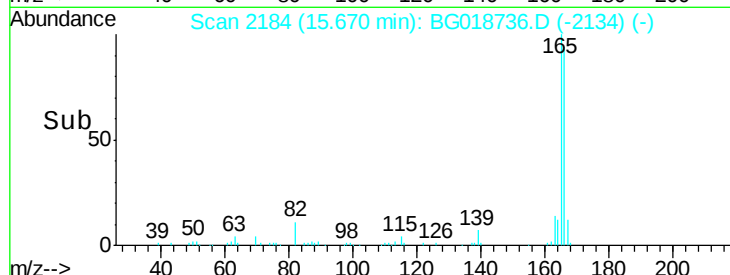
167 12.7 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BG018736.D

Acq: 17 Sep 2015 13:38

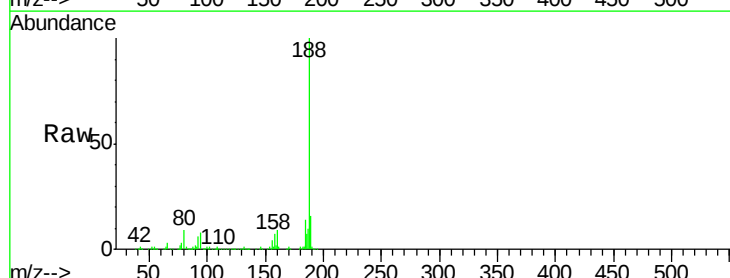
Tgt Ion:188 Resp: 383302

Ion Ratio Lower Upper

188 100

94 8.4 7.7 11.5

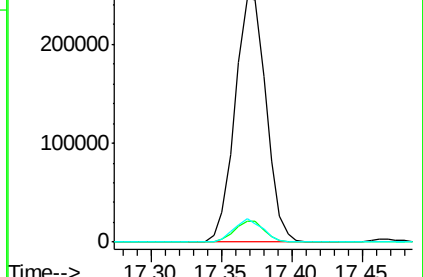
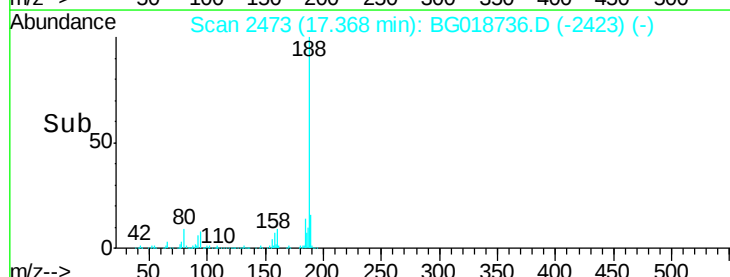
80 9.5 7.8 11.8

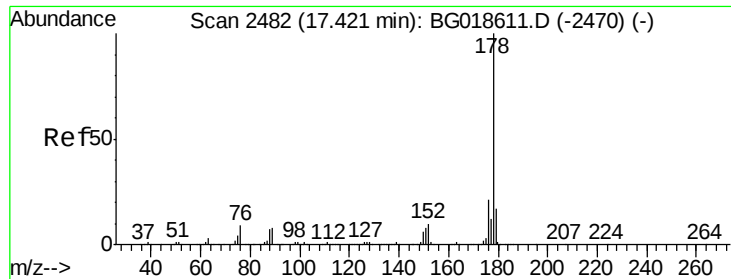


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 6.94 ng

RT: 17.42 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG018736.D

Acq: 17 Sep 2015 13:38

Instrument :

BNA_G

ClientSampleId :

CPS063031

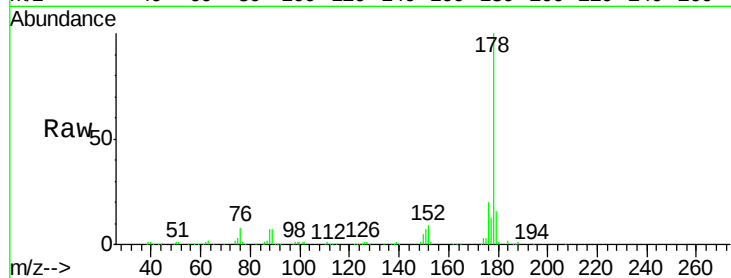
Tot Ion:178 Resp: 139953

Ion Ratio Lower Upper

178 100

176 20.1 16.7 25.1

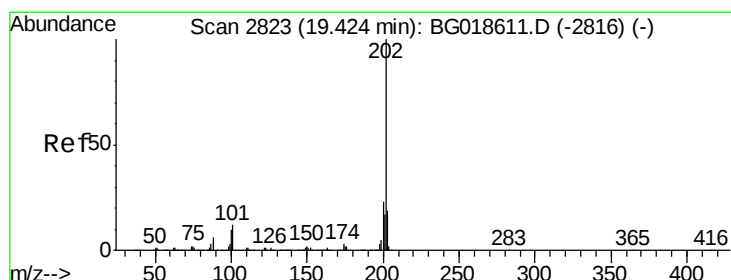
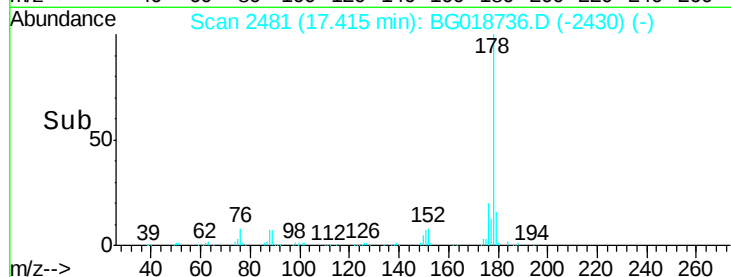
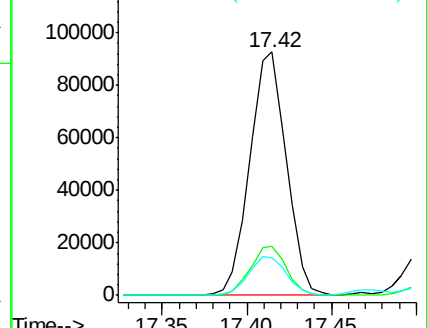
179 15.5 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.24 ng

RT: 19.42 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG018736.D

Acq: 17 Sep 2015 13:38

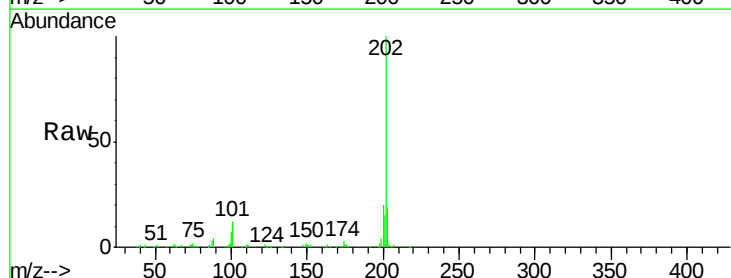
Tgt Ion:202 Resp: 80816

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.4

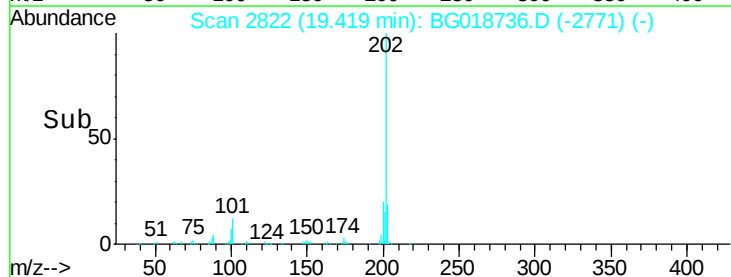
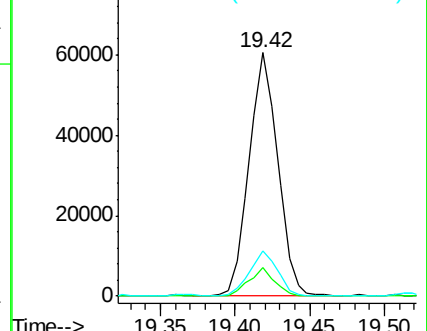
203 18.6 0.0 39.5

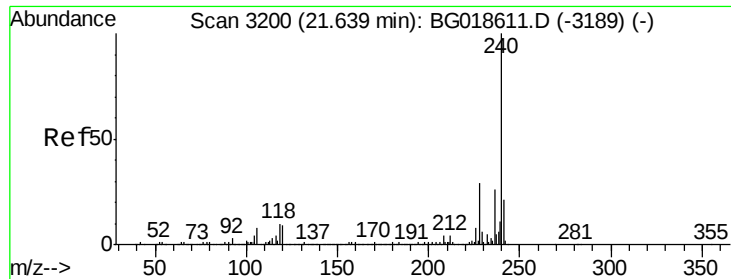


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BG018736.D

Acq: 17 Sep 2015 13:38

Instrument :

BNA_G

ClientSampleId :

CPS063031

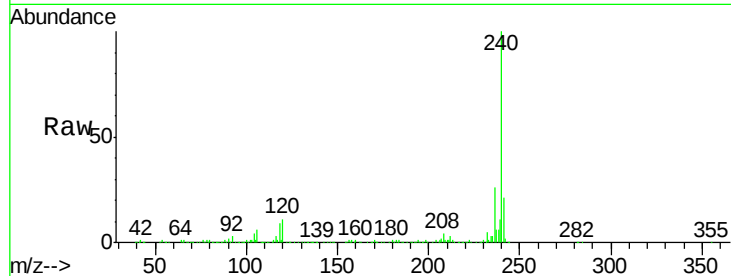
Tot Ion:240 Resp: 411733

Ion Ratio Lower Upper

240 100

120 11.0 7.4 11.0

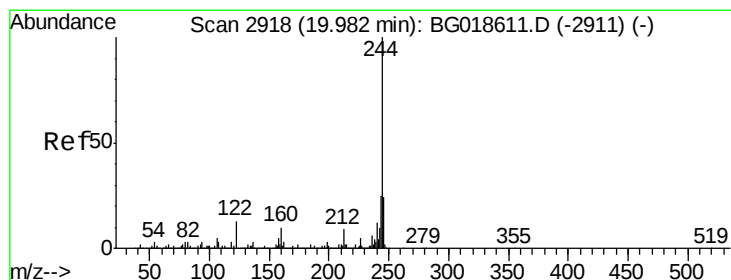
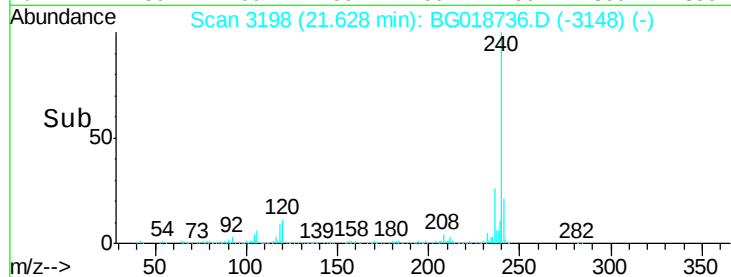
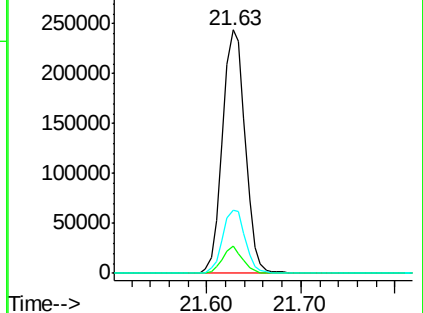
236 26.2 20.7 31.1



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: 89.78 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018736.D

Acq: 17 Sep 2015 13:38

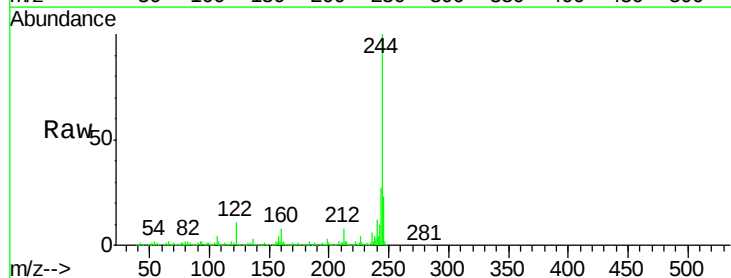
Tgt Ion:244 Resp: 1407640

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

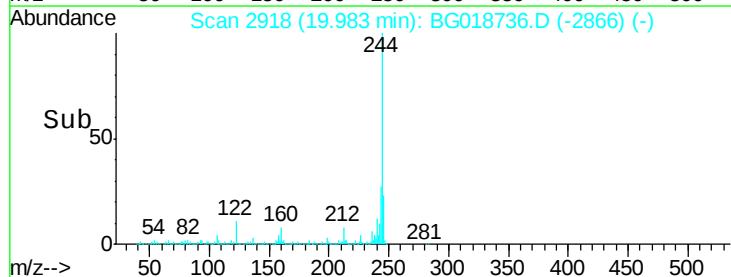
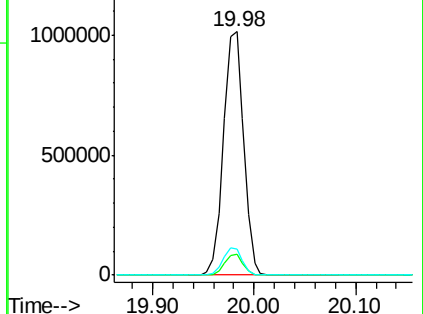
122 10.9 10.2 15.2

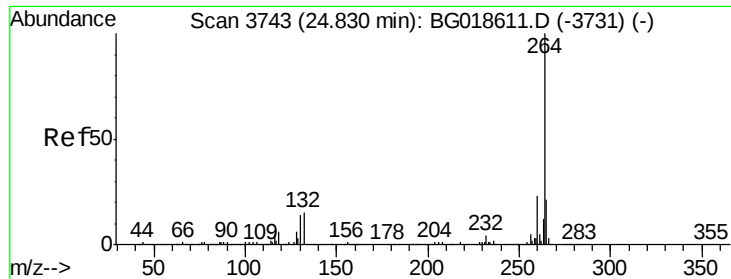


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.82 min Scan# 3741
Delta R.T. -0.00 min
Lab File: BG018736.D
Acq: 17 Sep 2015 13:38

Instrument :
BNA_G
ClientSampleId :
CPS063031

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	21.6	17.2	25.8

