

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018738.D
 Acq On : 17 Sep 2015 14:54
 Operator : TP
 Sample : G3651-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS043032

Quant Time: Sep 18 03:57:52 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

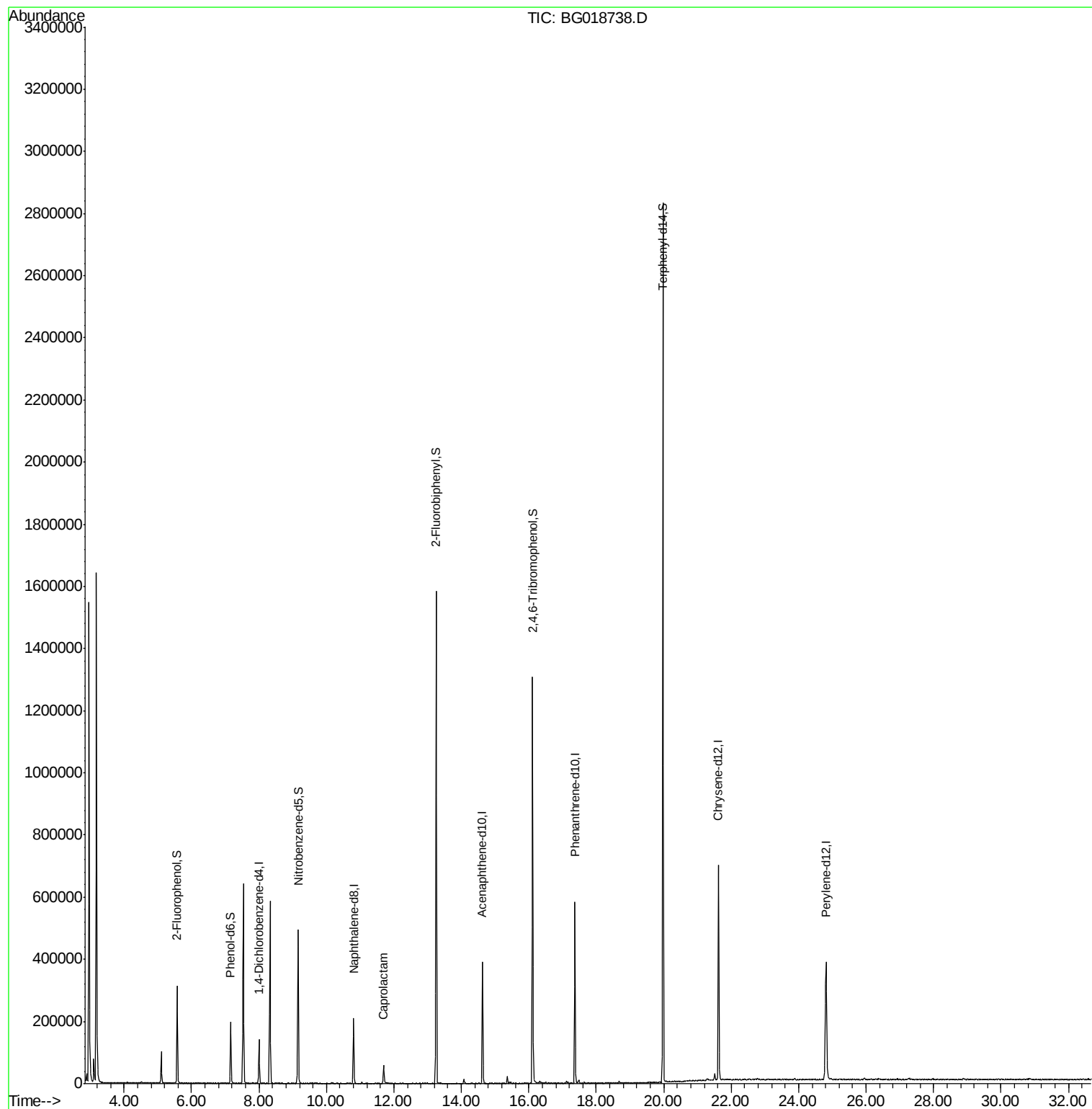
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	43387	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	185701	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	133976	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	373313	20.00	ng	0.00
75) Chrysene-d12	21.62	240	410771	20.00	ng	-0.01
86) Perylene-d12	24.81	264	408557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	160772	64.01	ng	0.00
7) Phenol-d6	7.16	99	132477	36.79	ng	0.00
23) Nitrobenzene-d5	9.16	82	309215	93.18	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	266639	147.81	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	870941	90.24	ng	0.00
78) Terphenyl-d14	19.98	244	1219798	77.98	ng	0.00
Target Compounds						
35) Caprolactam	11.69	113	14183	10.93	ng	Qvalue # 88

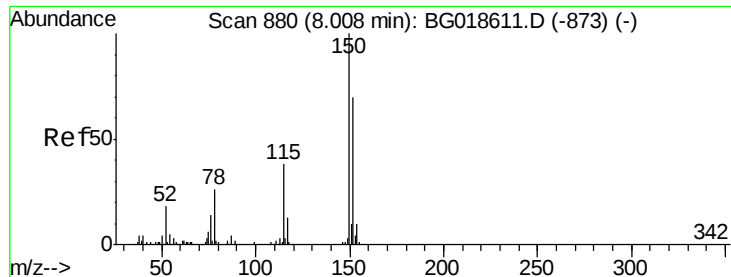
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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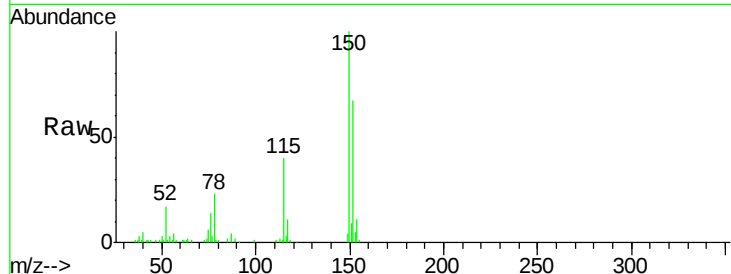


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.01 min
Lab File: BG018738.D
Acq: 17 Sep 2015 14:54

Instrument :
BNA_G
ClientSampleId :
CPS043032

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	115.0	172.4
115	59.5	43.9	65.9

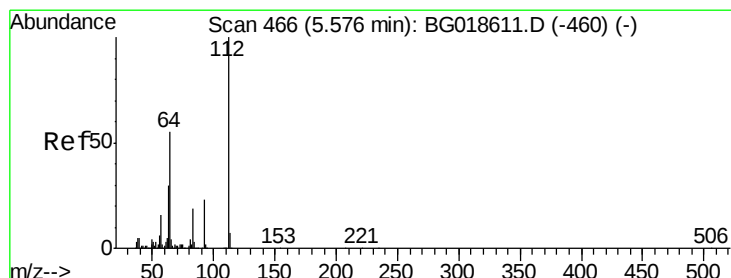
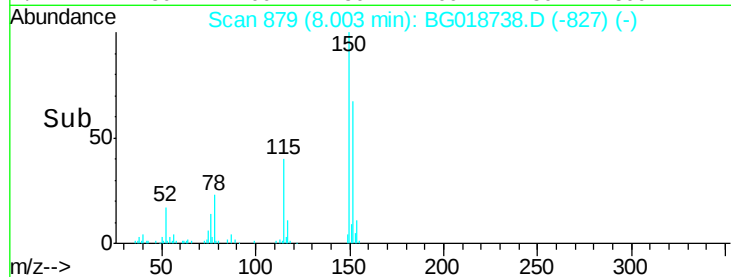
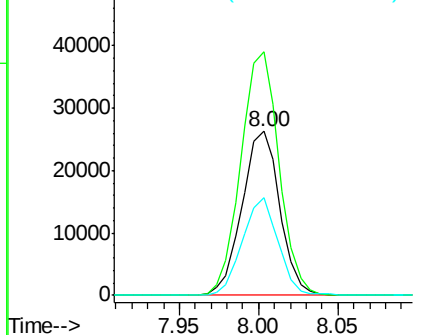


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

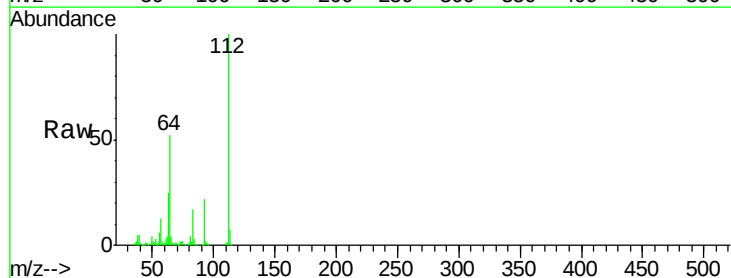
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 64.01 ng
RT: 5.57 min Scan# 465
Delta R.T. -0.00 min
Lab File: BG018738.D
Acq: 17 Sep 2015 14:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	43.7	65.5
63	25.3	24.0	36.0

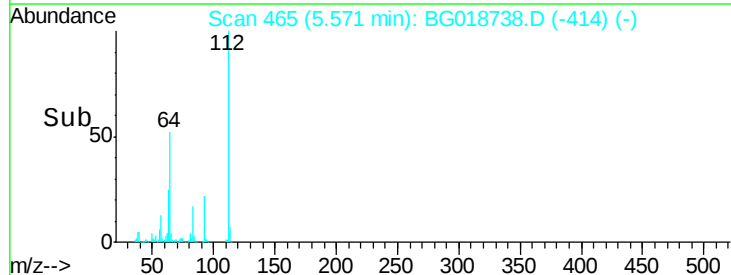
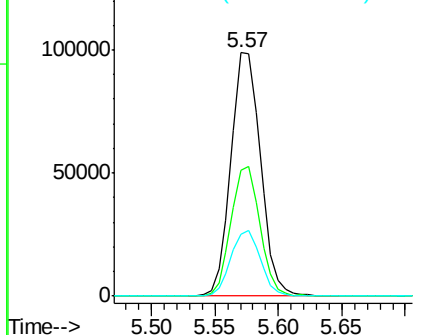


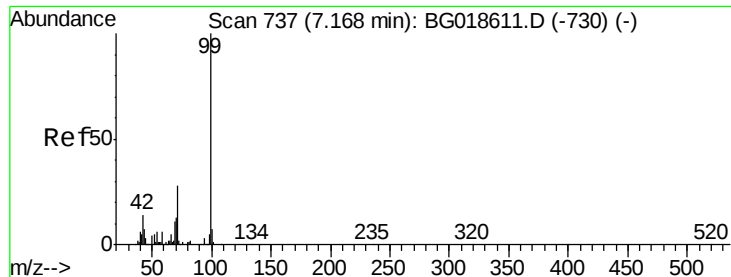
Abundance

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: 36.79 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018738.D

Acq: 17 Sep 2015 14:54

Instrument :

BNA_G

ClientSampleId :

CPS043032

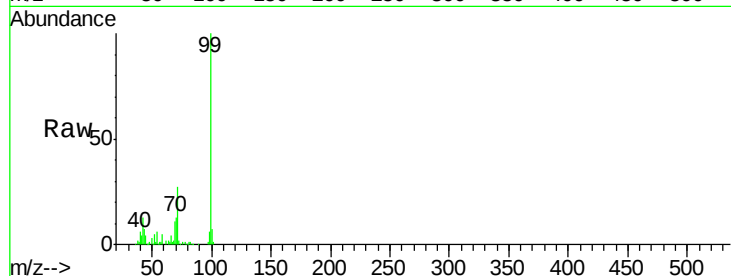
Tot Ion: 99 Resp: 132477

Ion Ratio Lower Upper

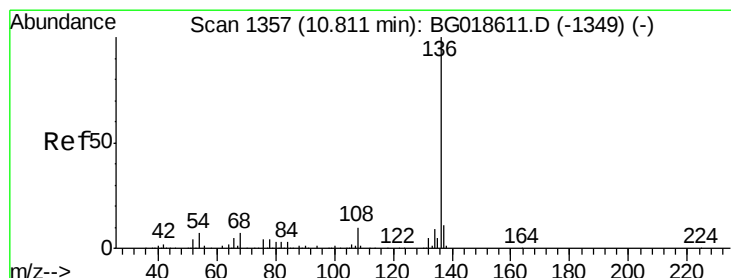
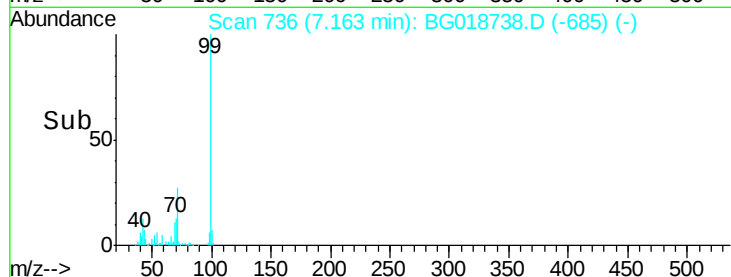
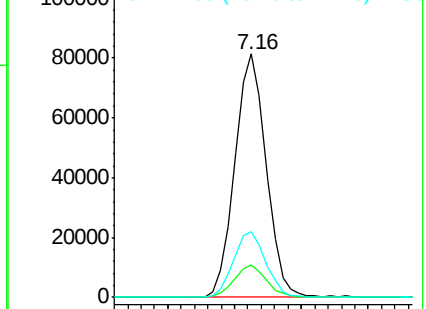
99 100

42 13.5 11.5 17.3

71 26.8 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: BG018738.D

Acq: 17 Sep 2015 14:54

Tgt Ion: 136 Resp: 185701

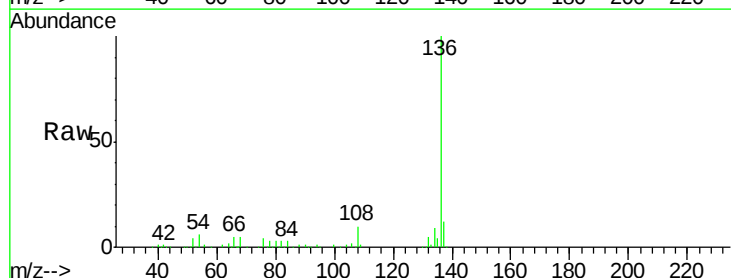
Ion Ratio Lower Upper

136 100

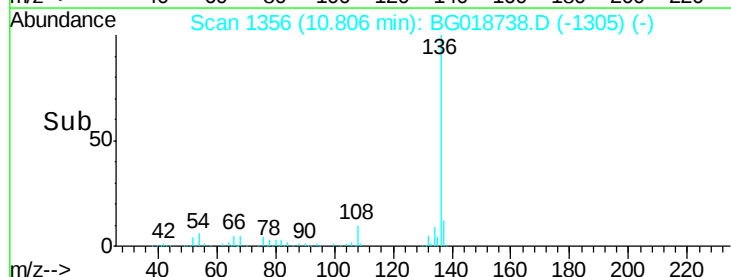
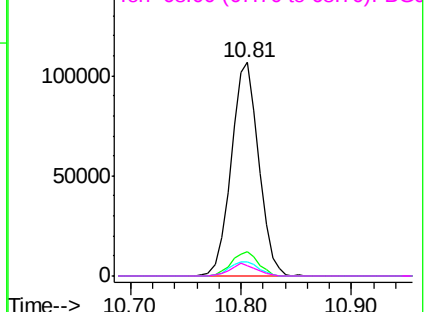
137 11.7 8.6 12.8

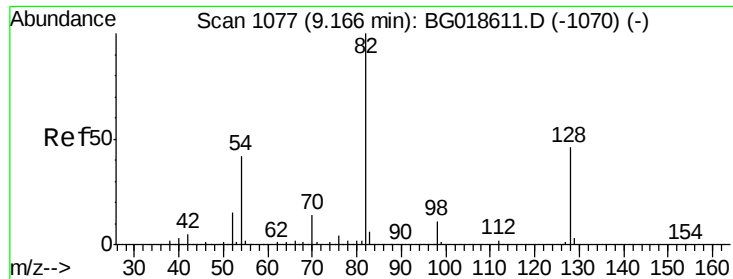
54 6.4 5.4 8.2

68 4.9 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

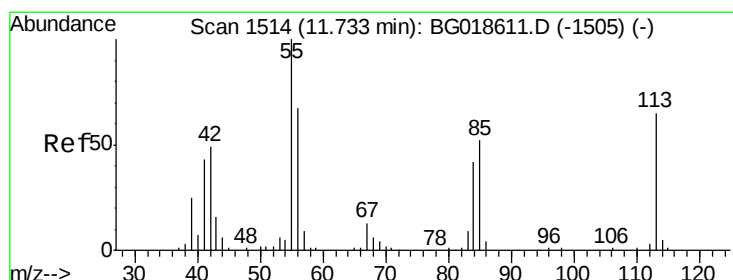
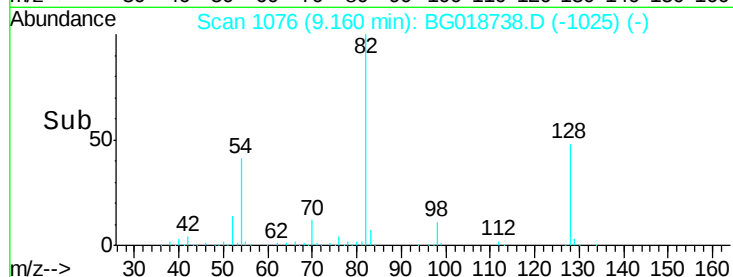
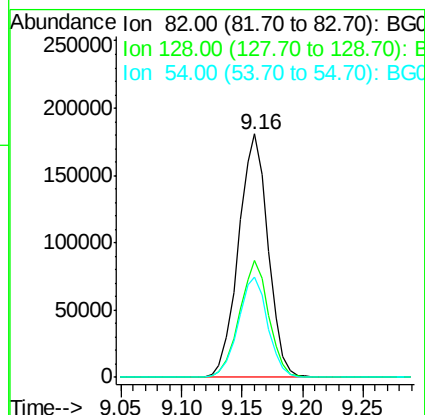
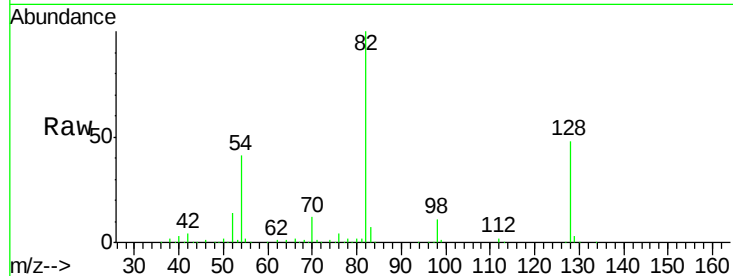




#23
 Nitrobenzene-d5
 Concen: 93.18 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG018738.D
 Acq: 17 Sep 2015 14:54

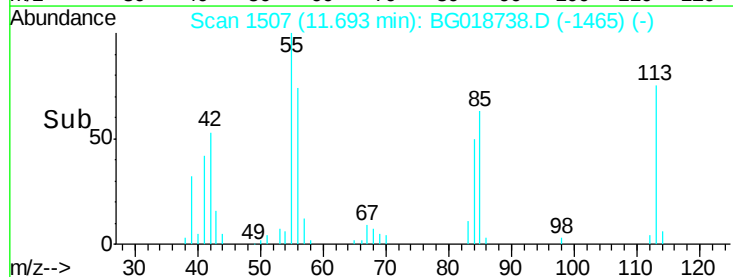
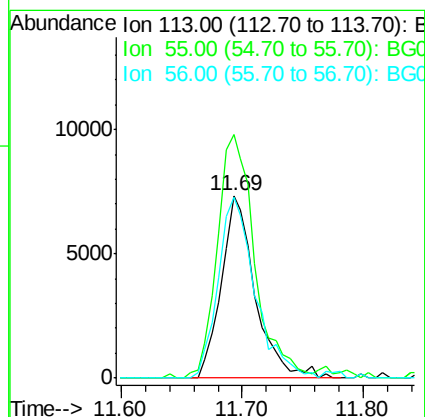
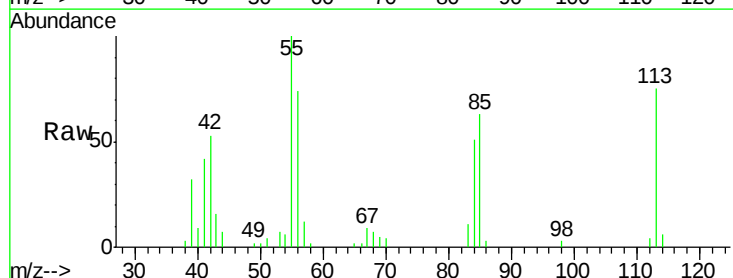
Instrument :
 BNA_G
 ClientSampleId :
 CPS043032

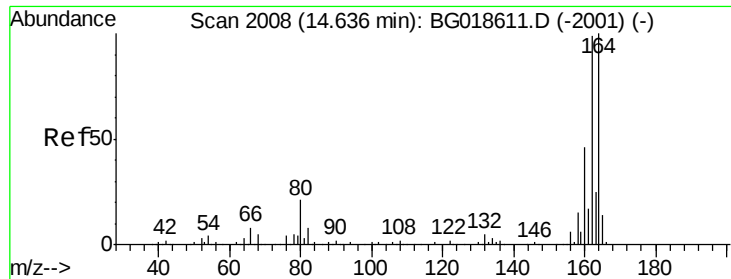
Tot Ion	82	Resp	309215
Ion Ratio	Lower	Upper	
82	100		
128	48.1	36.7	55.1
54	41.4	33.8	50.8



#35
 Caprolactam
 Concen: 10.93 ng
 RT: 11.69 min Scan# 1507
 Delta R.T. -0.05 min
 Lab File: BG018738.D
 Acq: 17 Sep 2015 14:54

Tgt Ion	113	Resp	14183
Ion Ratio	Lower	Upper	
113	100		
55	133.7	135.0	175.0#
56	99.1	83.4	123.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG018738.D

Acq: 17 Sep 2015 14:54

Instrument :

BNA_G

ClientSampleId :

CPS043032

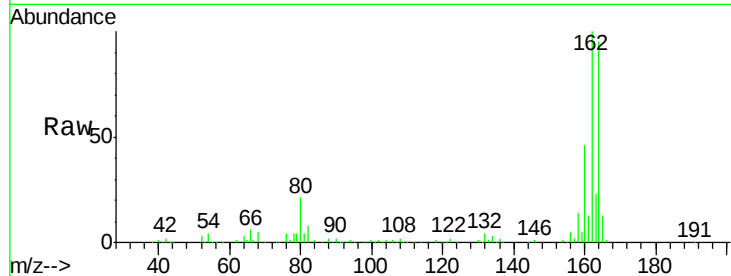
Tot Ion:164 Resp: 133976

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

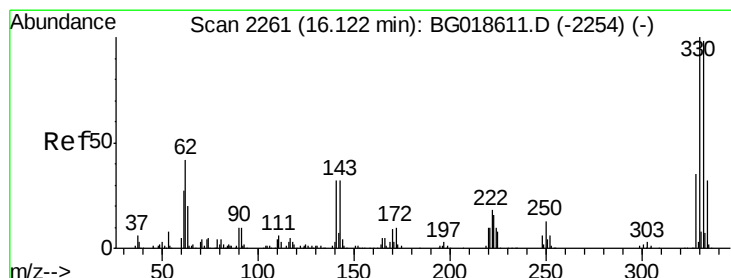
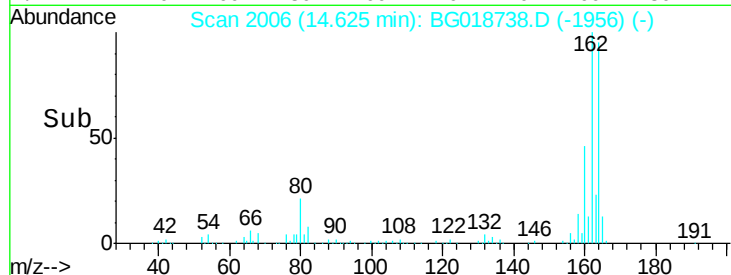
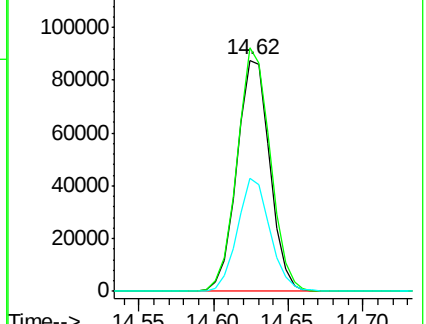
160 48.7 36.4 54.6



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: 147.81 ng

RT: 16.12 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG018738.D

Acq: 17 Sep 2015 14:54

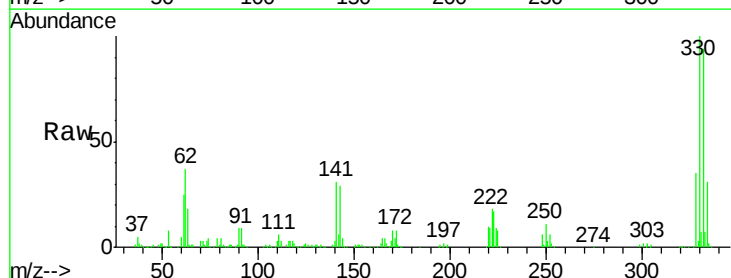
Tgt Ion:330 Resp: 266639

Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

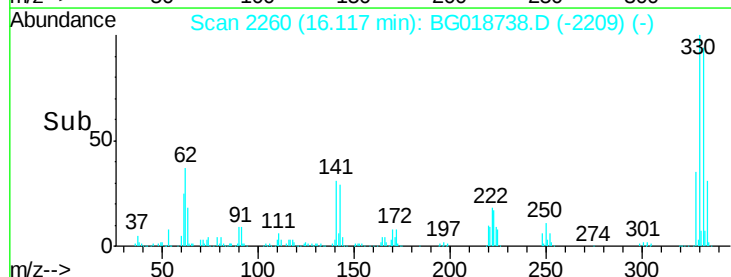
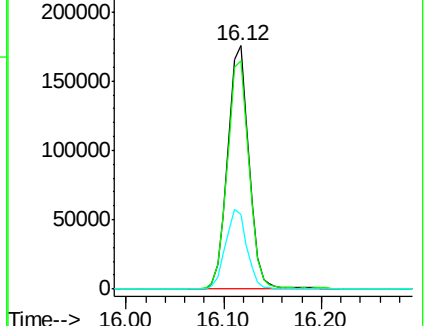
141 33.1 28.2 42.2

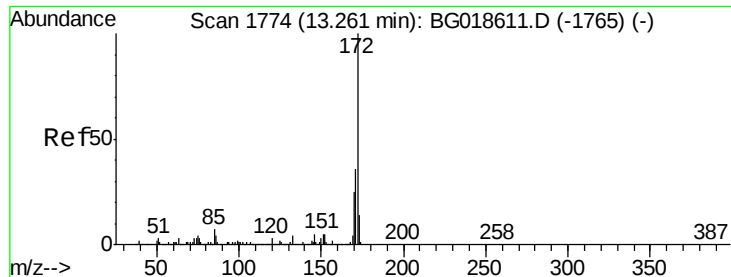


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

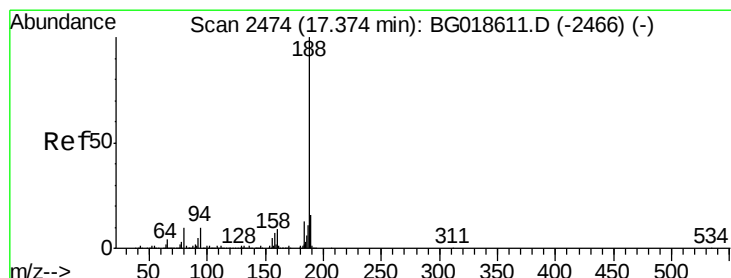
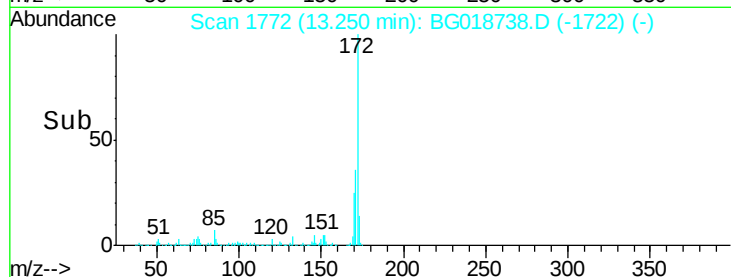
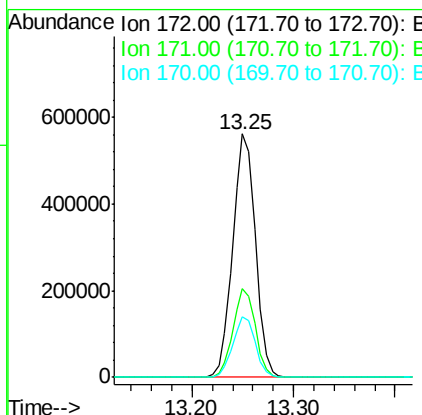
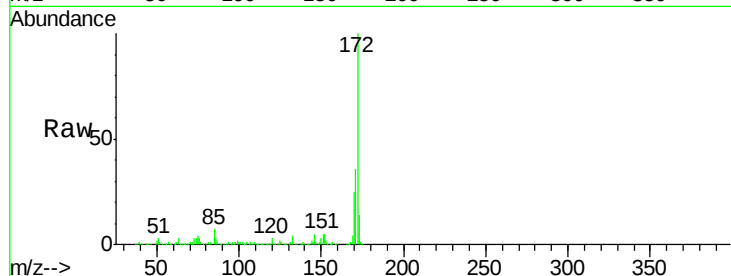




#44
 2-Fluorobiphenyl
 Concen: 90.24 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG018738.D
 Acq: 17 Sep 2015 14:54

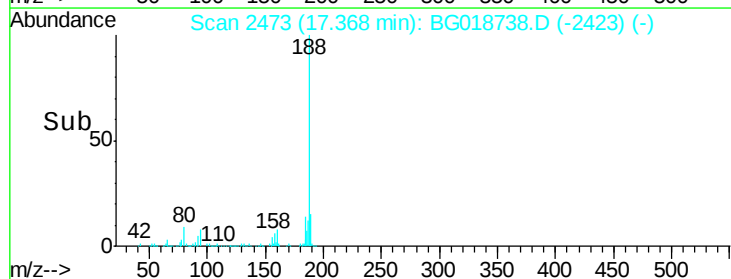
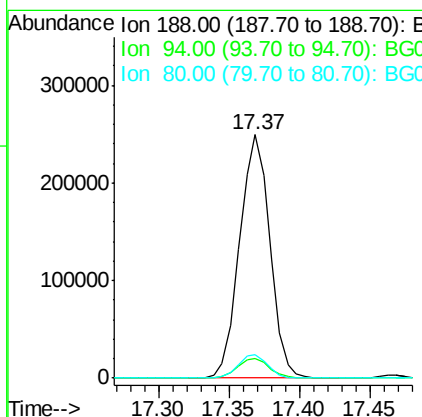
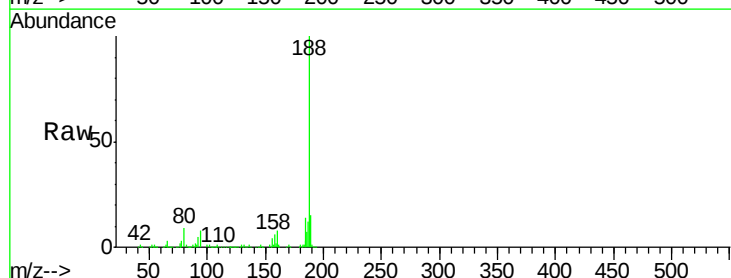
Instrument :
 BNA_G
 ClientSampleId :
 CPS043032

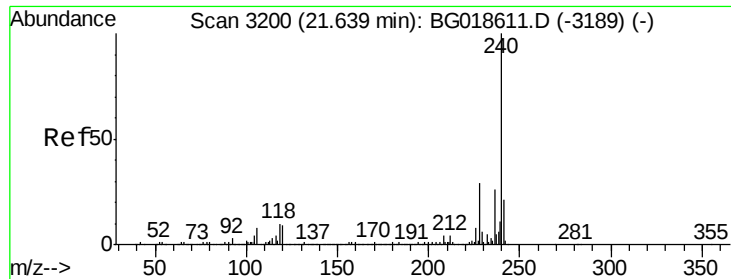
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	25.0	19.9	29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG018738.D
 Acq: 17 Sep 2015 14:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.7	11.5
80	9.4	7.8	11.8





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG018738.D

Acq: 17 Sep 2015 14:54

Instrument :

BNA_G

ClientSampleId :

CPS043032

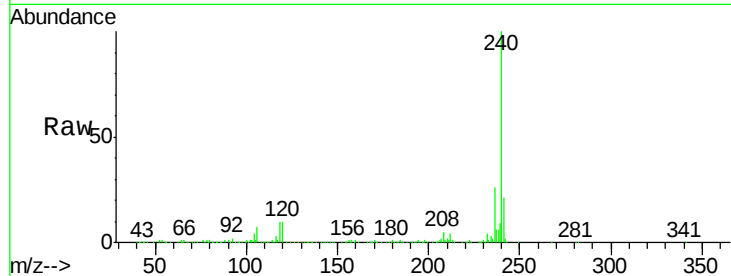
Tot Ion:240 Resp: 410771

Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.0

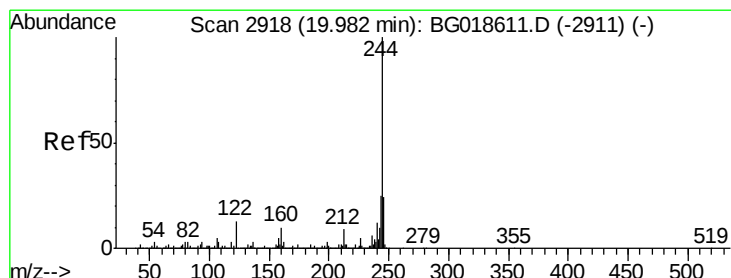
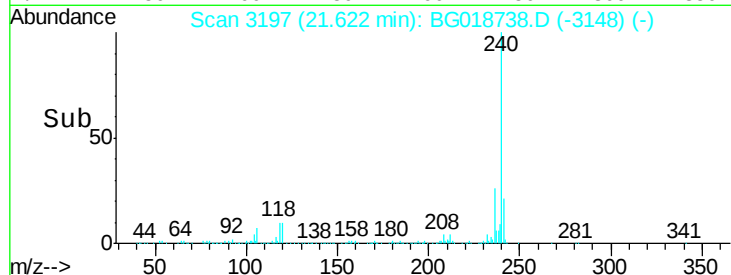
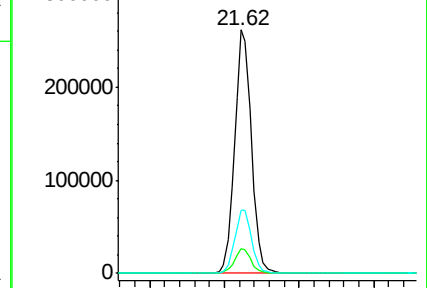
236 26.2 20.7 31.1



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: 77.98 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG018738.D

Acq: 17 Sep 2015 14:54

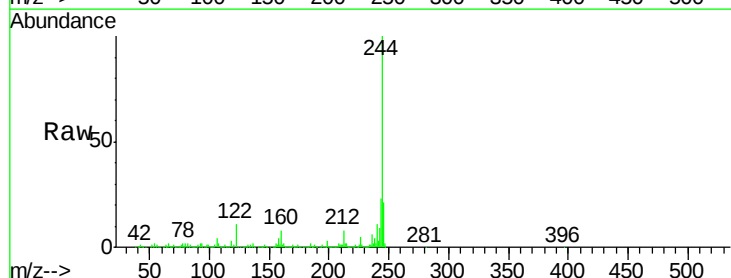
Tgt Ion:244 Resp: 1219798

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

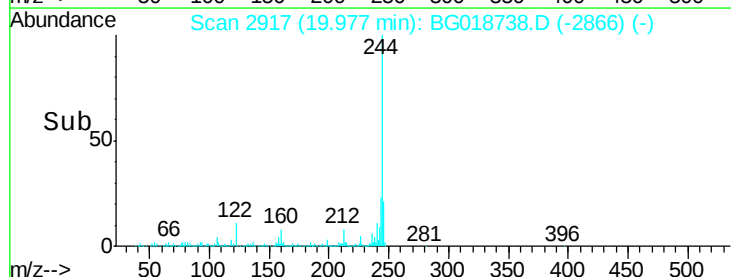
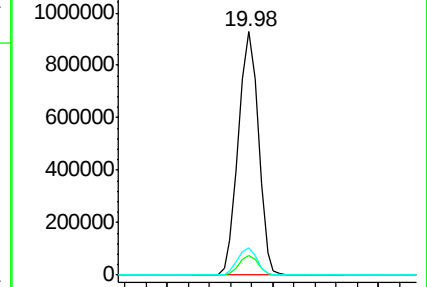
122 11.0 10.2 15.2

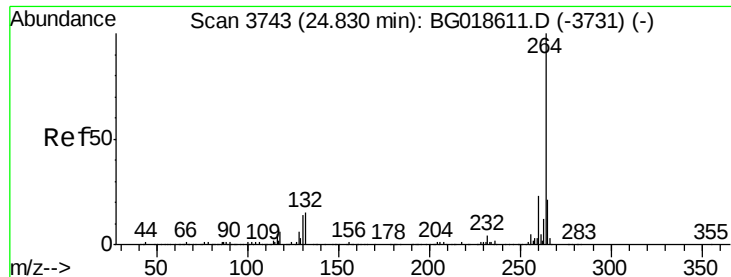


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG018738.D
Acq: 17 Sep 2015 14:54

Instrument :
BNA_G
ClientSampleId :
CPS043032

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	21.5	17.2	25.8

