

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 03:44:16 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

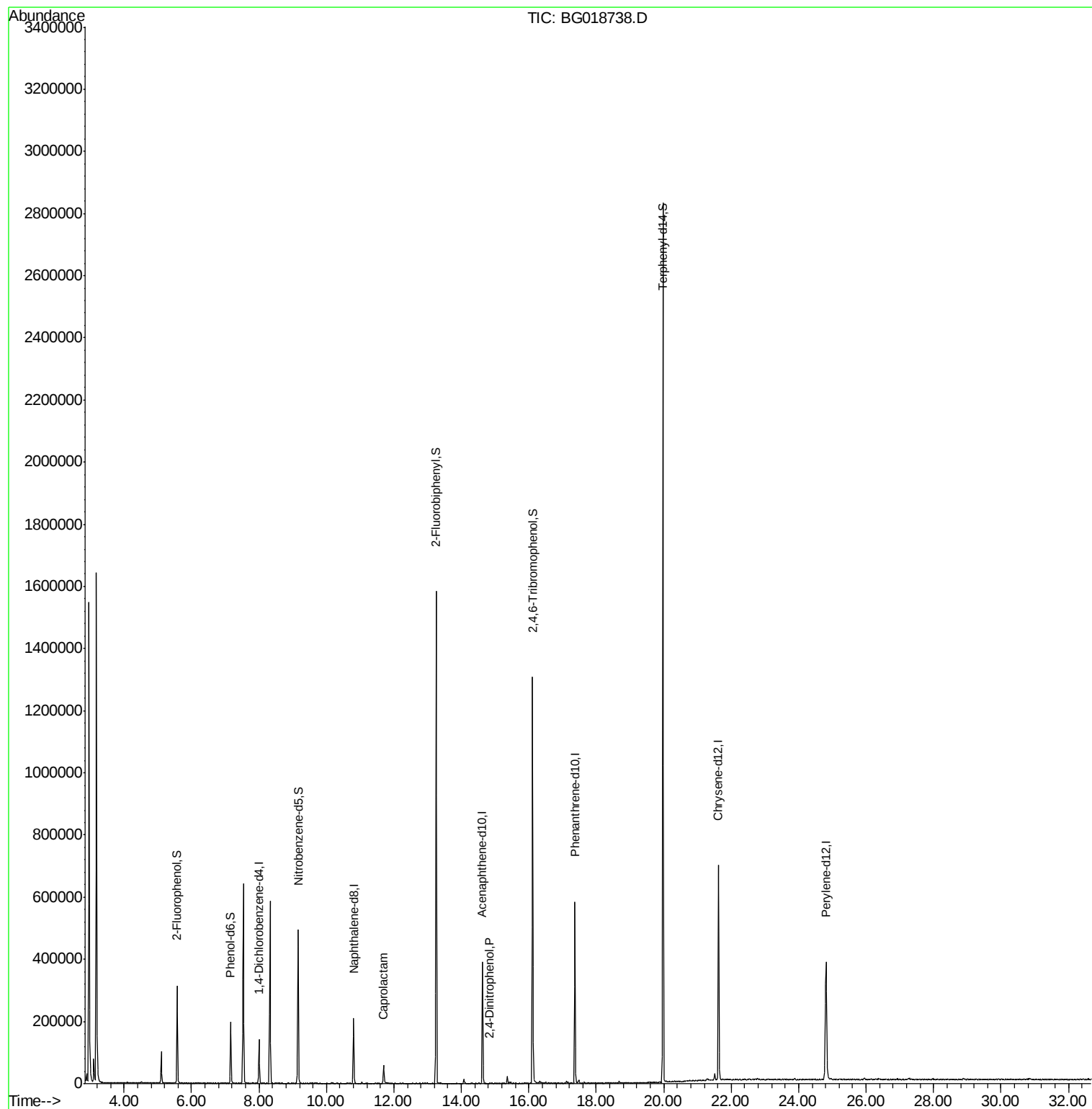
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	43387	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	185701	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	133976	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	373313	20.00	ng	0.00
75) Chrysene-d12	21.62	240	410771	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	# 88
53) 2,4-Dinitrophenol	14.81	184	63	7.69	ng	# 24

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

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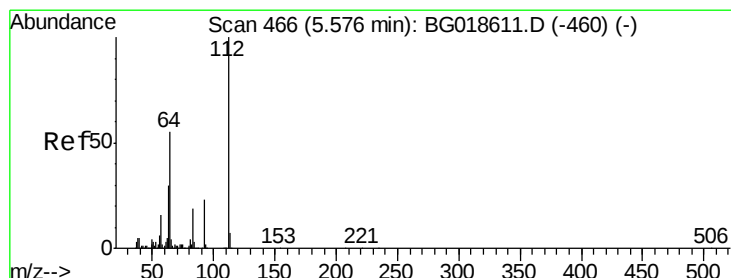
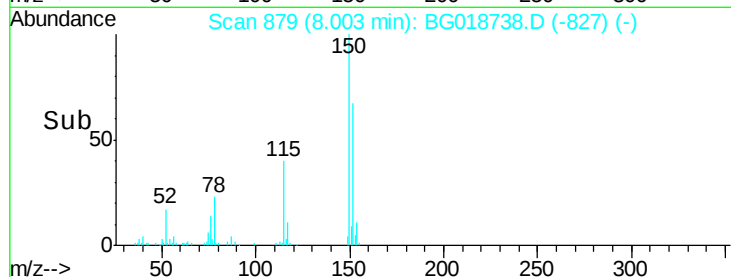
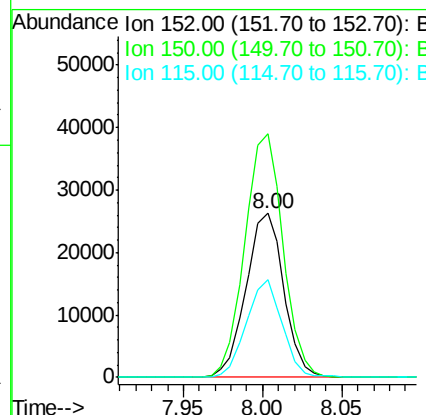
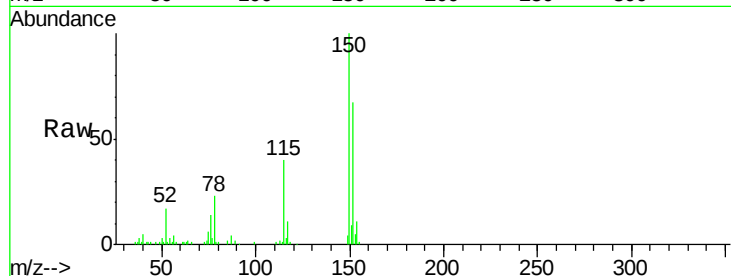


#1

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

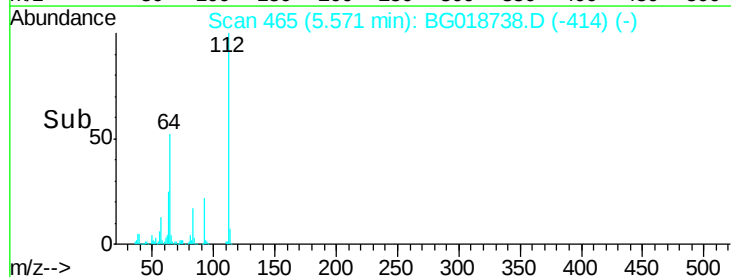
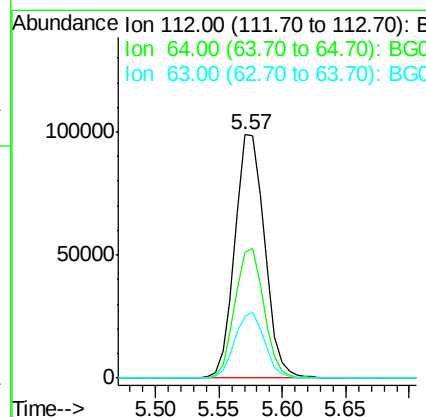
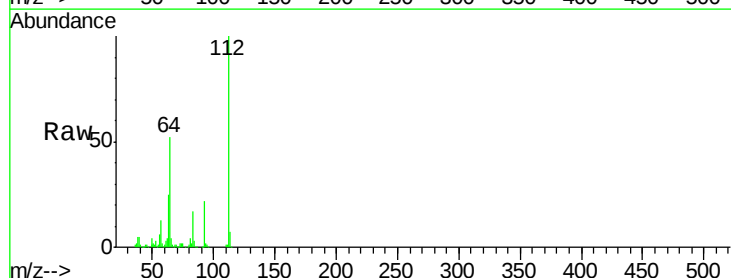
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	115.0	172.4
115	59.5	43.9	65.9

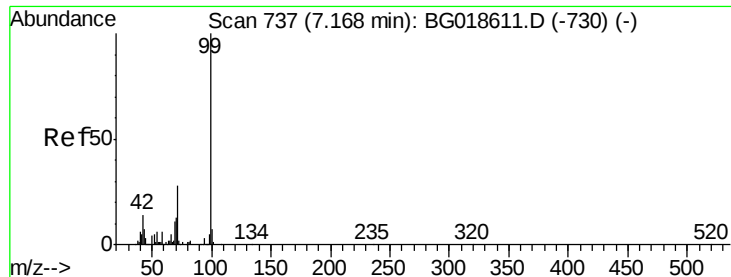


#5

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





#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

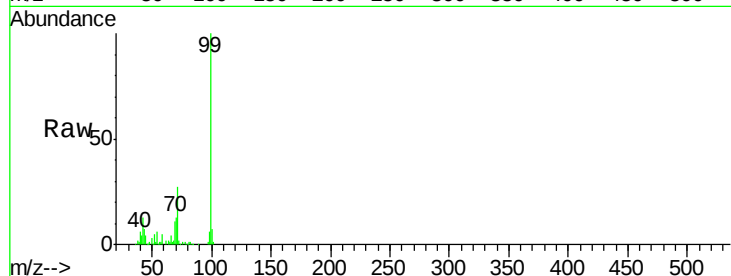
Tot Ion: 99 Resp: 132477

Ion Ratio Lower Upper

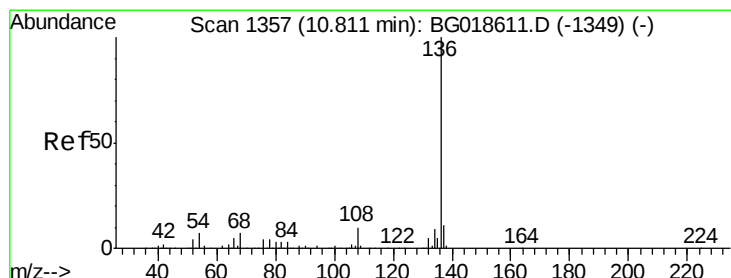
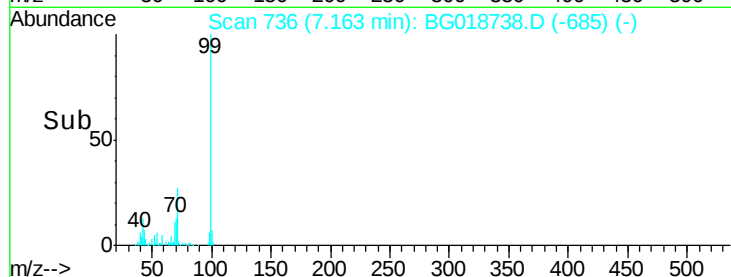
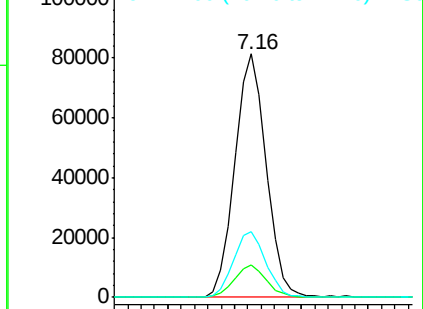
99 100

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

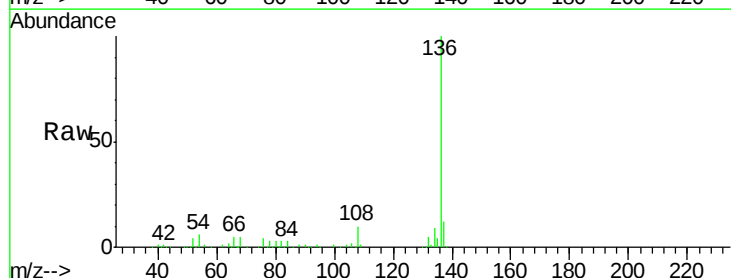
Ion Ratio Lower Upper

136 100

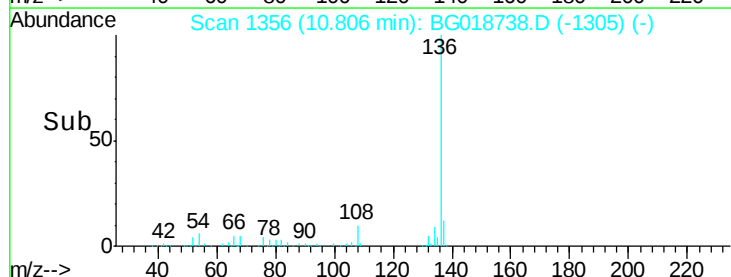
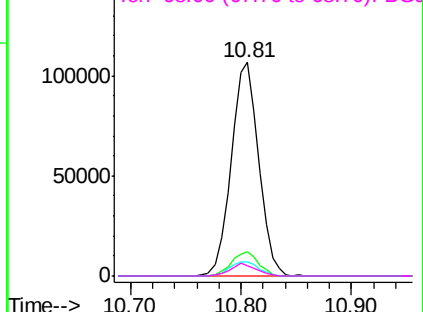
137 11.7 8.6 12.8

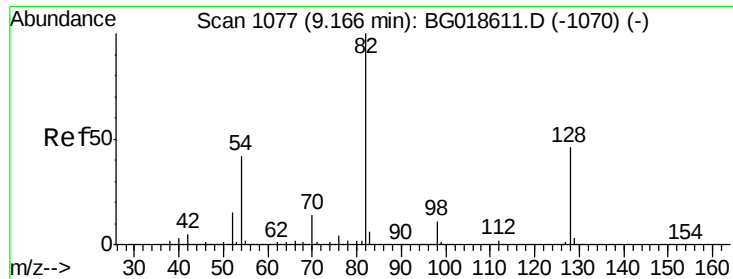
54 6.4 5.4 8.2

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

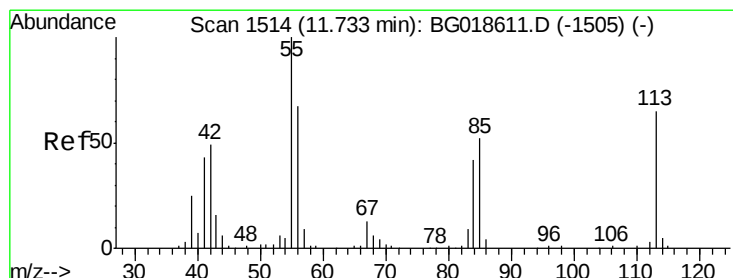
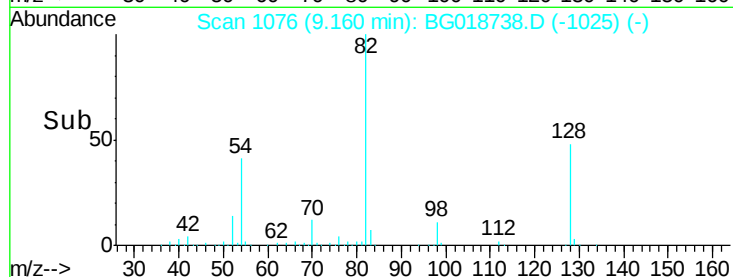
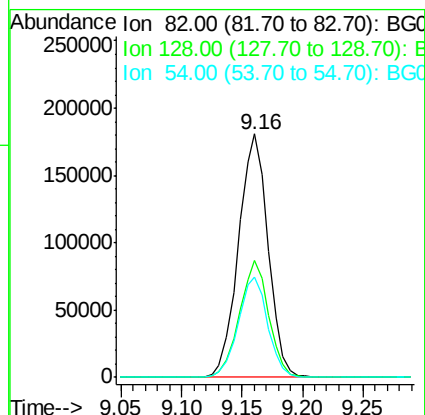
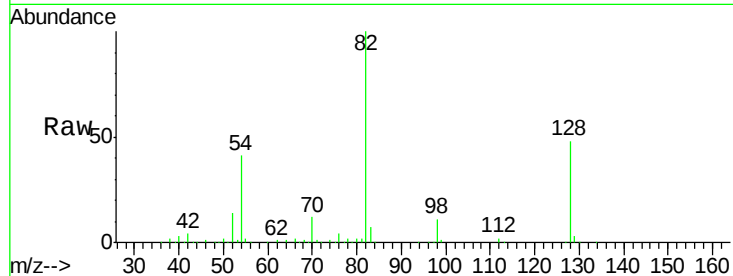




#23
Nitrobenzene-d5
Concen: 93.18 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG018738.D
Acq: 17 Sep 2015 14:54

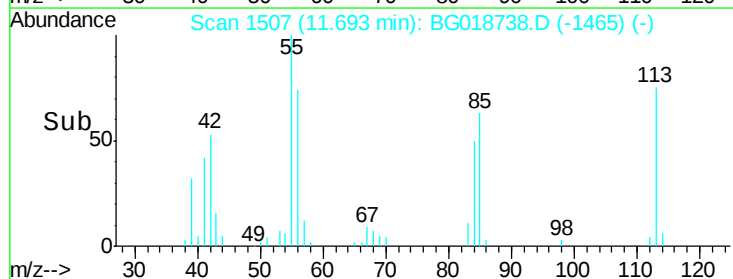
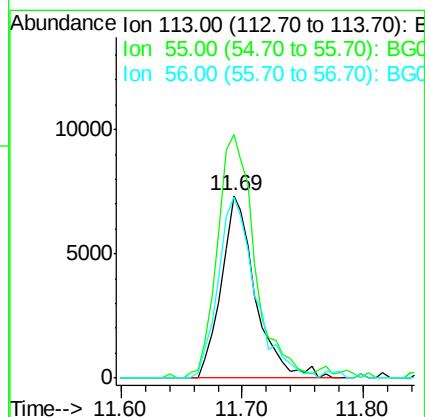
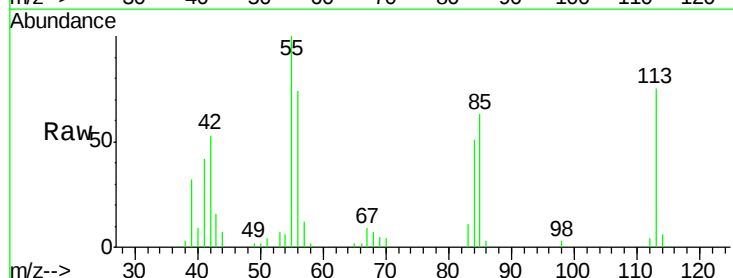
Instrument :
BNA_G
ClientSampleId :
CPS043032

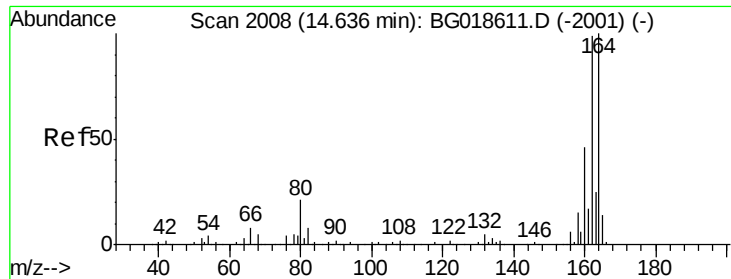
Tot Ion: 82 Resp: 309215
Ion Ratio Lower Upper
82 100
128 48.1 36.7 55.1
54 41.4 33.8 50.8



#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

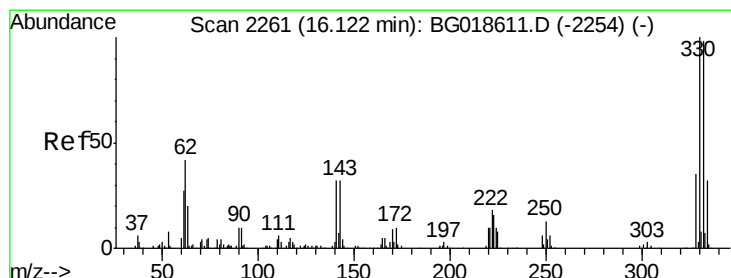
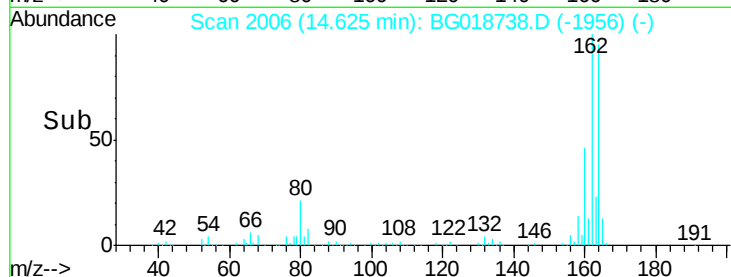
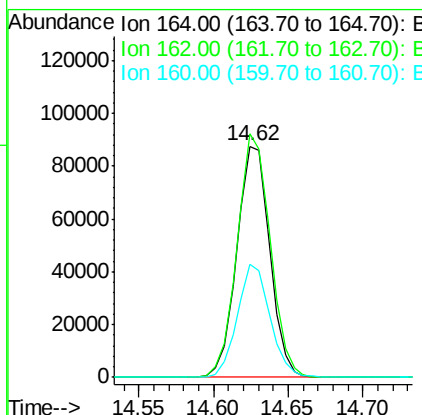
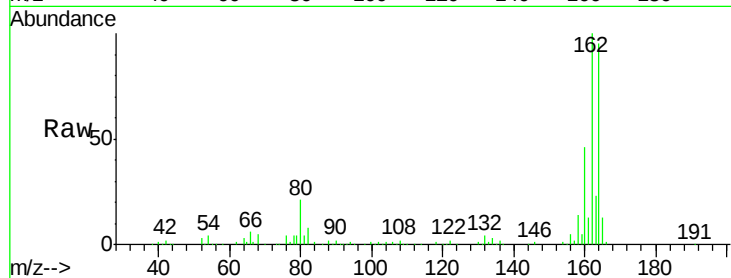




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG018738.D
Acq: 17 Sep 2015 14:54

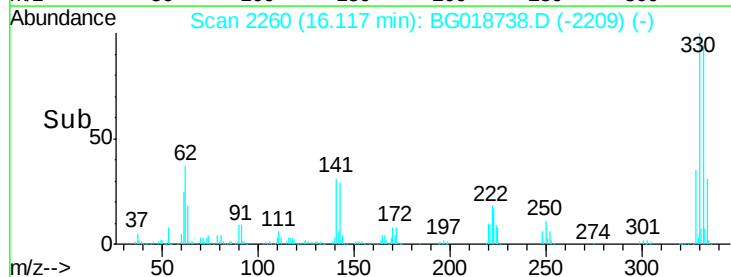
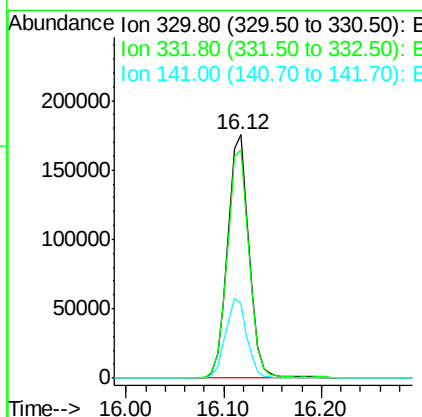
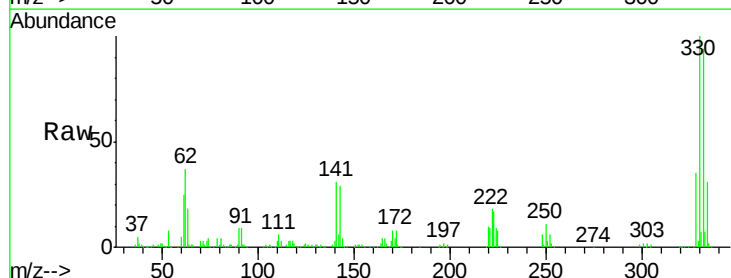
Instrument :
BNA_G
ClientSampleId :
CPS043032

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



#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

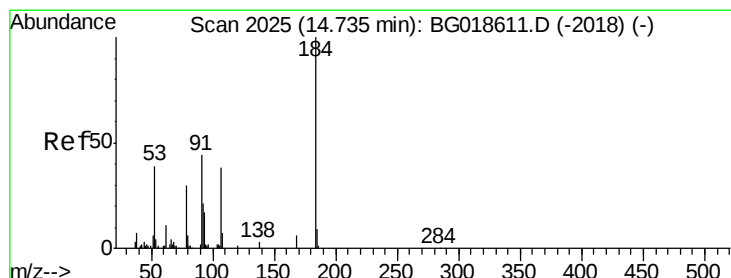
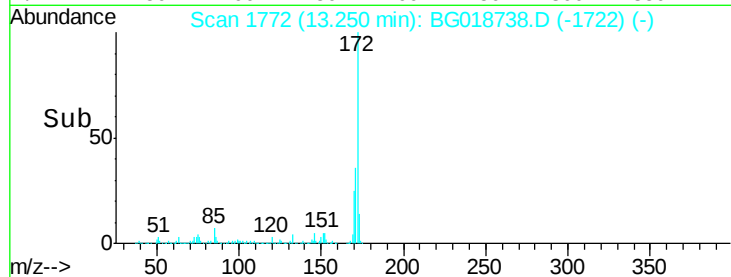
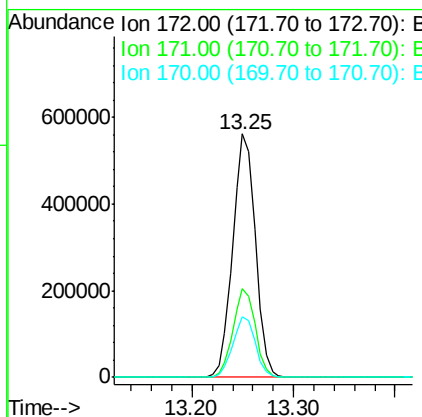
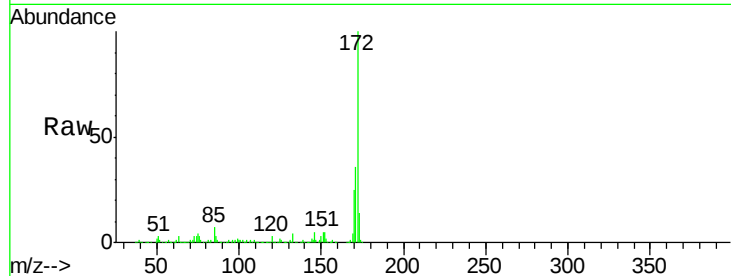




#44
2-Fluorobiphenyl
Concen: 90.24 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG018738.D
Acq: 17 Sep 2015 14:54

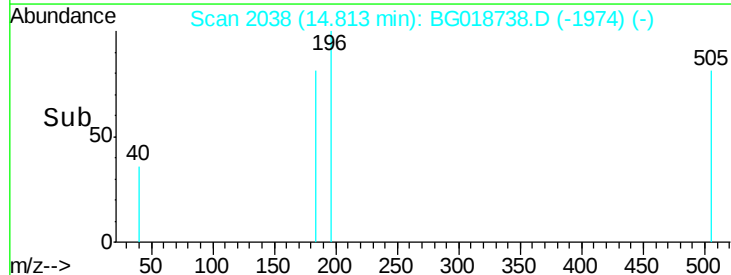
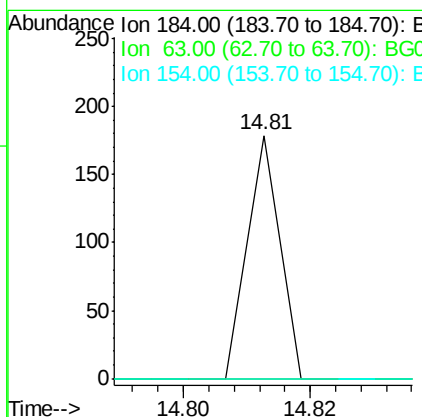
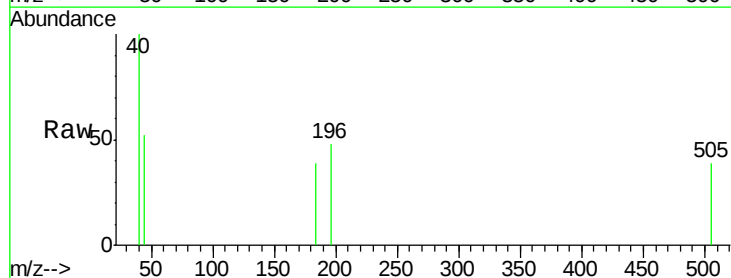
Instrument :
BNA_G
ClientSampleId :
CPS043032

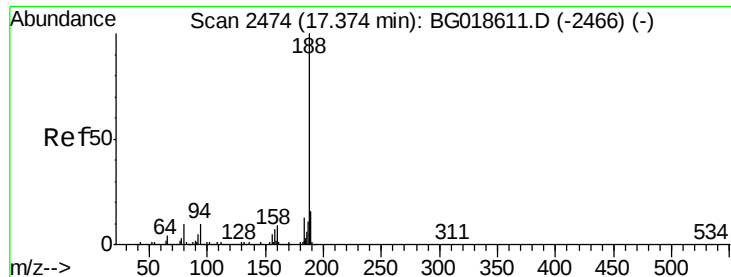
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	25.0	19.9	29.9



#53
2,4-Dinitrophenol
Concen: 7.69 ng
RT: 14.81 min Scan# 2038
Delta R.T. 0.08 min
Lab File: BG018738.D
Acq: 17 Sep 2015 14:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	42.7	64.1#
154	0.0	44.3	66.5#

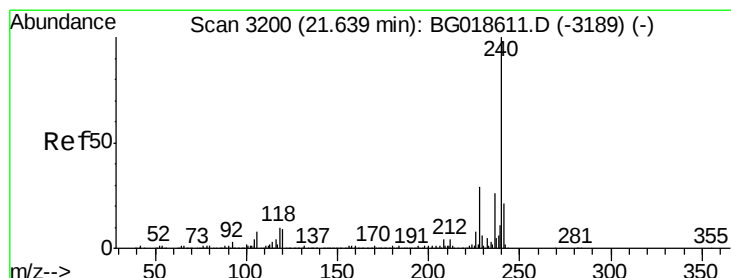
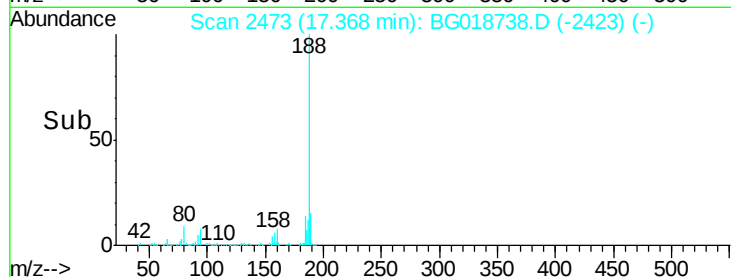
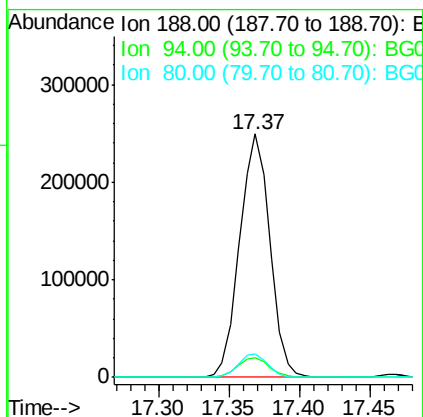
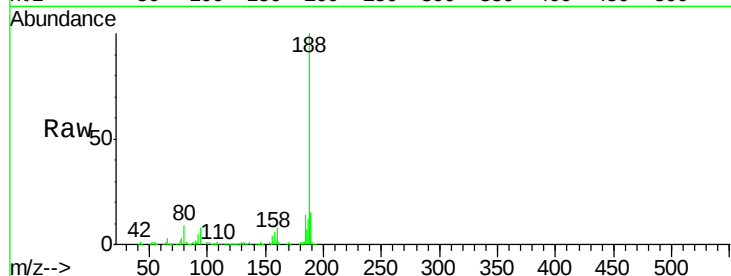




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG018738.D
Acq: 17 Sep 2015 14:54

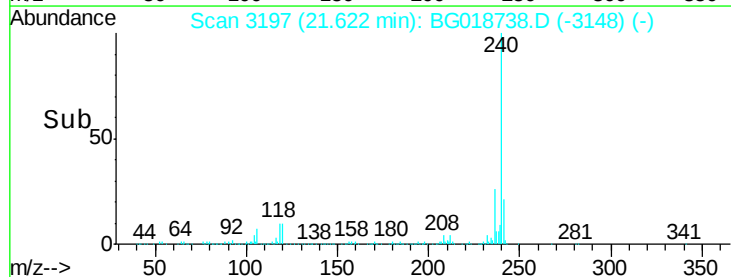
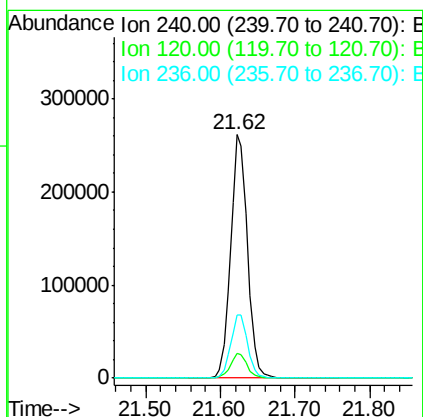
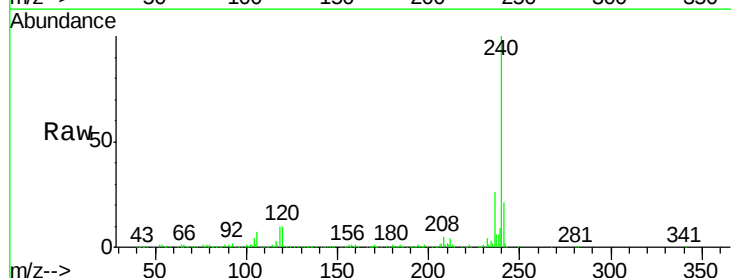
Instrument :
BNA_G
ClientSampleId :
CPS043032

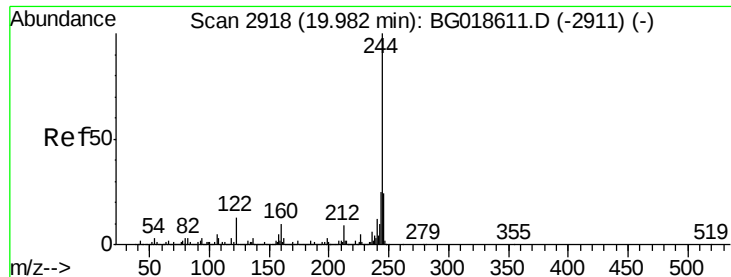
Tot Ion:188 Resp: 373313
Ion Ratio Lower Upper
188 100
94 8.3 7.7 11.5
80 9.4 7.8 11.8



#75
Chrysene-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

Tgt Ion:240 Resp: 410771
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.0
236 26.2 20.7 31.1





#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

Instrument :

BNA_G

ClientSampleId :

CPS043032

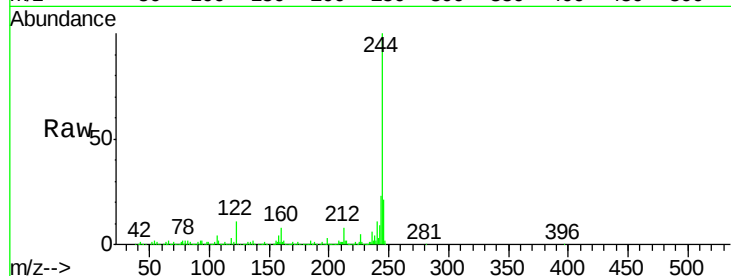
Tot Ion:244 Resp: 1219798

Ion Ratio Lower Upper

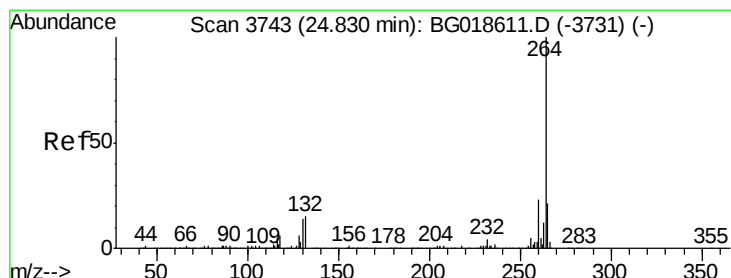
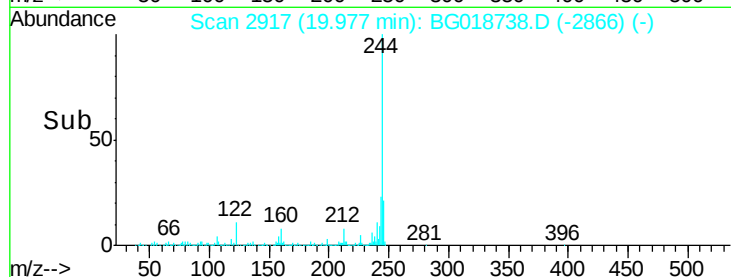
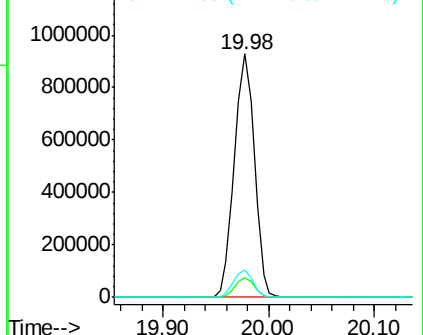
244 100

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

Perylene-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

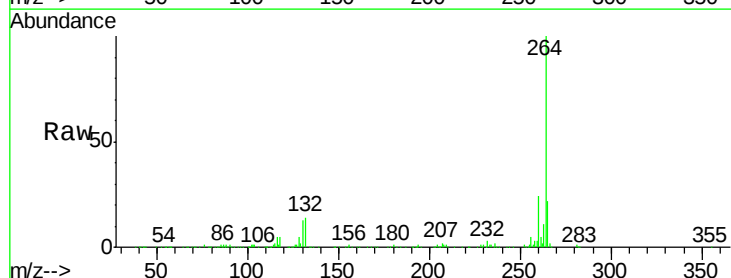
Tgt Ion:264 Resp: 408557

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

