

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091915\
 Data File : BG018768.D
 Acq On : 18 Sep 2015 14:39
 Operator : TP
 Sample : G3706-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 23:56:37 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 23:51:57 2015
 Response via : Initial Calibration

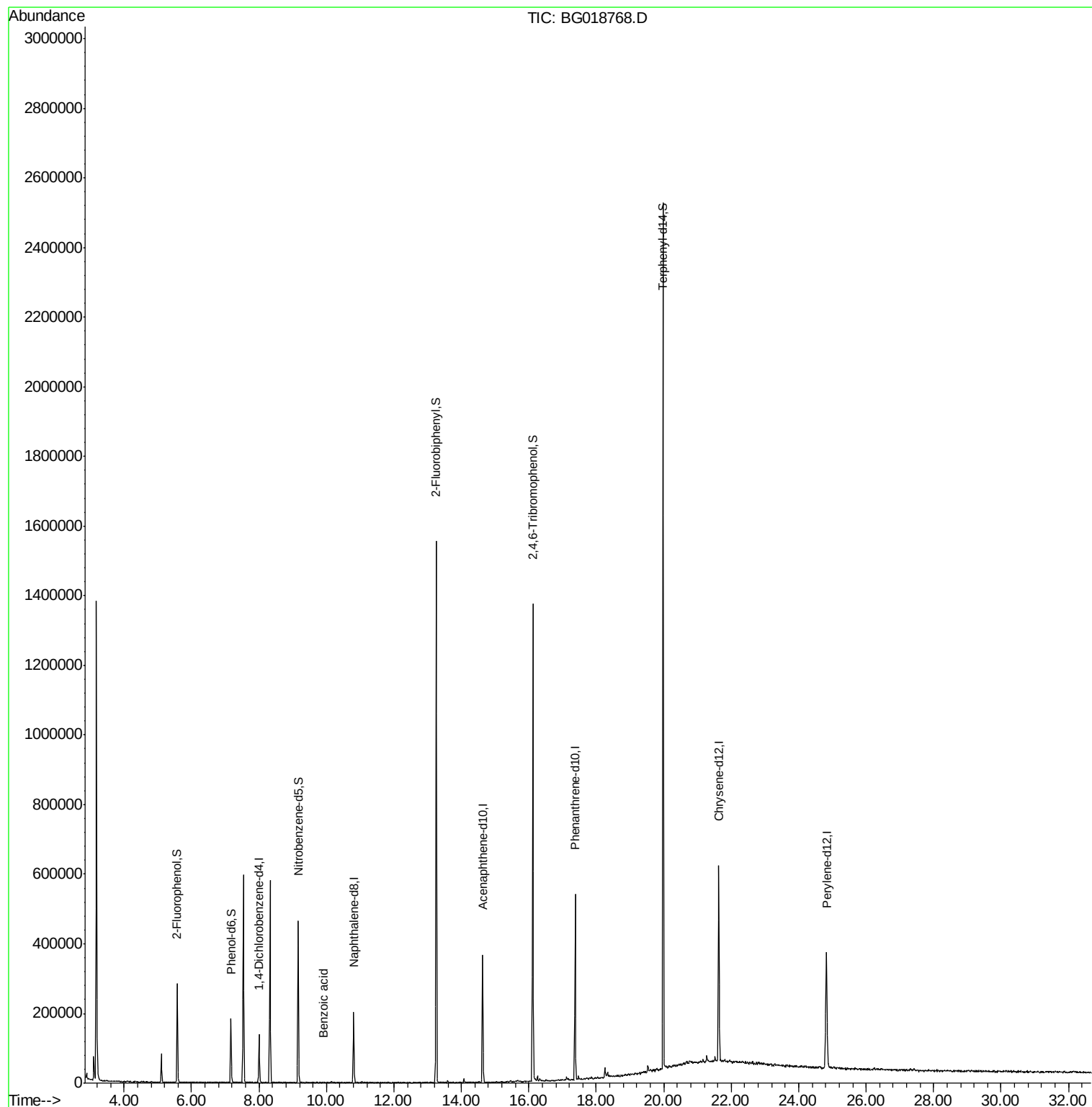
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	42755	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	181312	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	129741	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	346642	20.00	ng	0.00
75) Chrysene-d12	21.63	240	361626	20.00	ng	0.00
86) Perylene-d12	24.82	264	355264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	140522	56.78	ng	0.00
7) Phenol-d6	7.17	99	125805	35.45	ng	0.00
23) Nitrobenzene-d5	9.16	82	303768	93.75	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	268030	153.43	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	863579	92.40	ng	0.00
78) Terphenyl-d14	19.98	244	1083931	78.71	ng	0.00
Target Compounds						
32) Benzoic acid	9.91	122	55	7.95	ng	Qvalue # 30

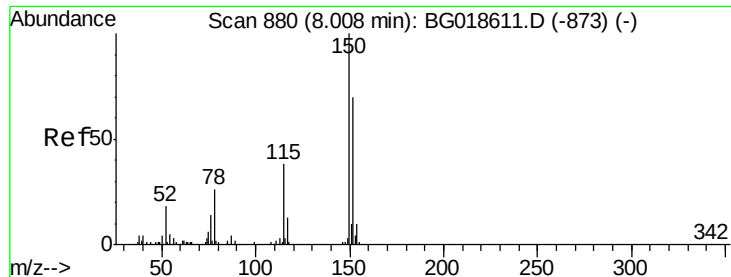
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 23:51:57 2015
Response via : Initial Calibration



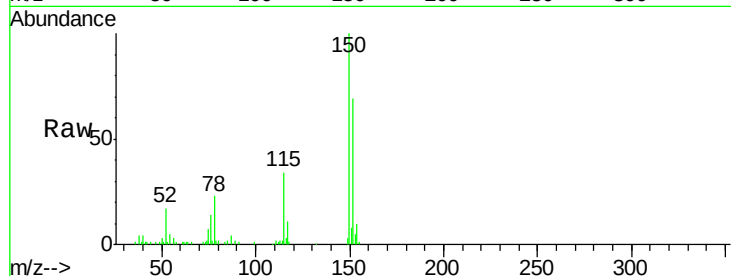


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG018768.D
Acq: 18 Sep 2015 14:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.4	115.0	172.4
115	49.2	43.9	65.9

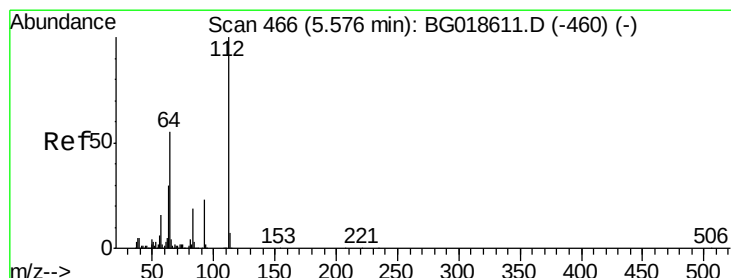
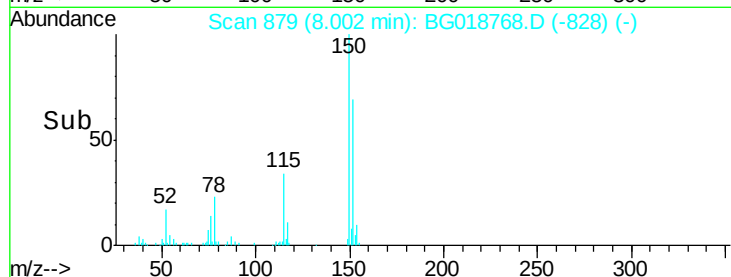
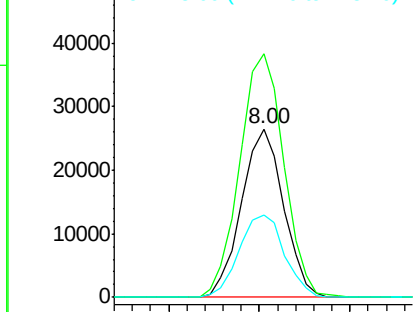


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

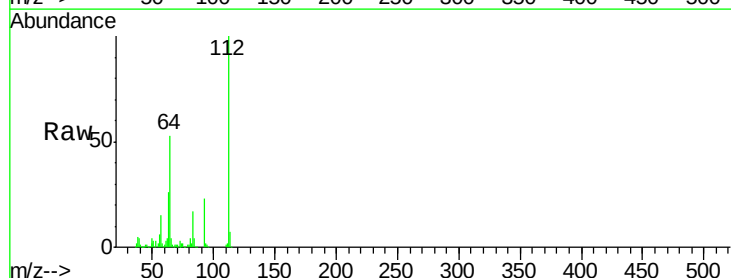
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.78 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018768.D
Acq: 18 Sep 2015 14:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	43.7	65.5
63	26.3	24.0	36.0

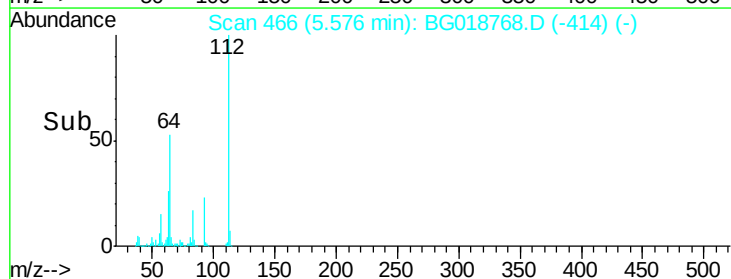
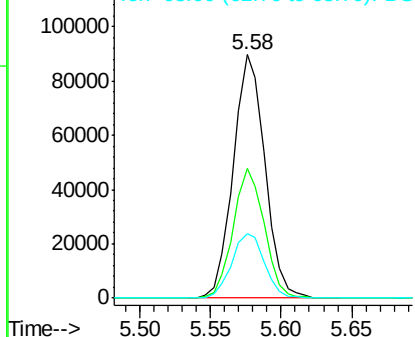


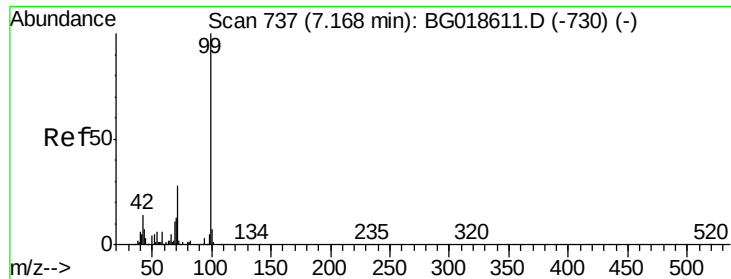
Abundance

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: 35.45 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG018768.D

Acq: 18 Sep 2015 14:39

Instrument :

BNA_G

ClientSampleId :

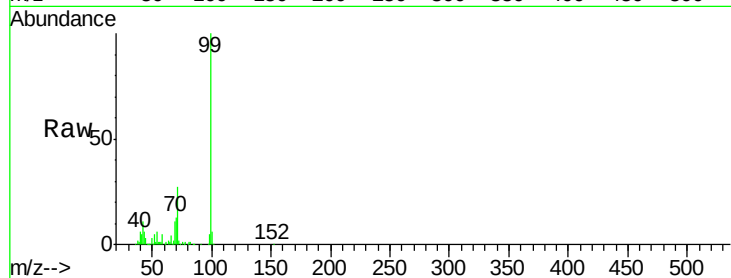
Tot Ion: 99 Resp: 125805

Ion Ratio Lower Upper

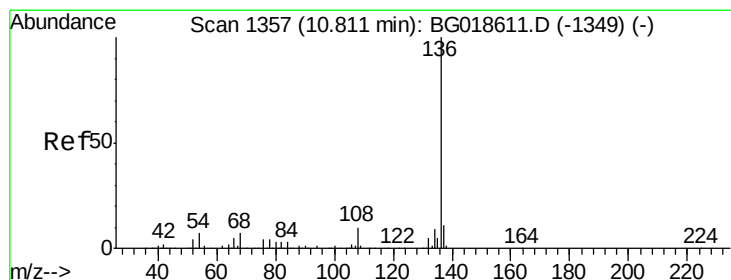
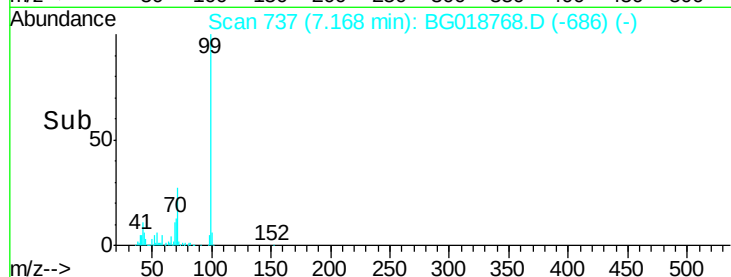
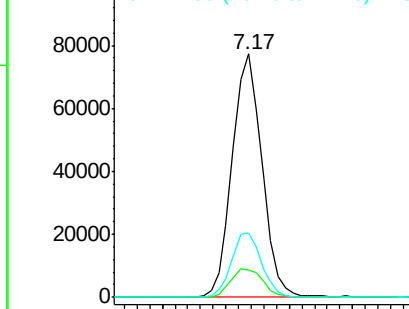
99 100

42 11.1 11.5 17.3#

71 26.7 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: 10.80 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG018768.D

Acq: 18 Sep 2015 14:39

Tgt Ion: 136 Resp: 181312

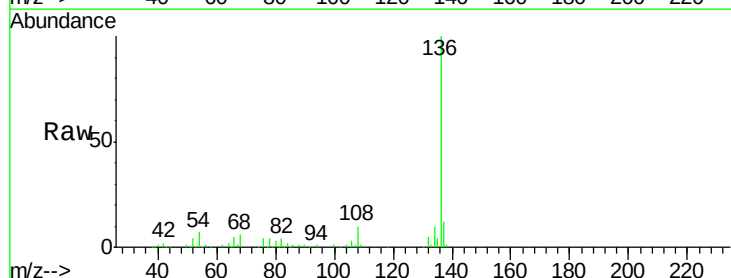
Ion Ratio Lower Upper

136 100

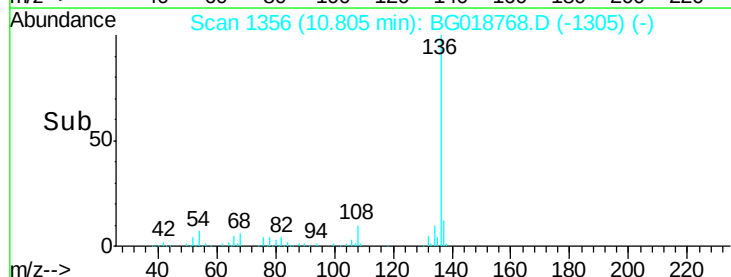
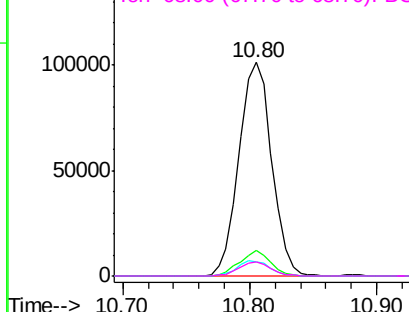
137 12.2 8.6 12.8

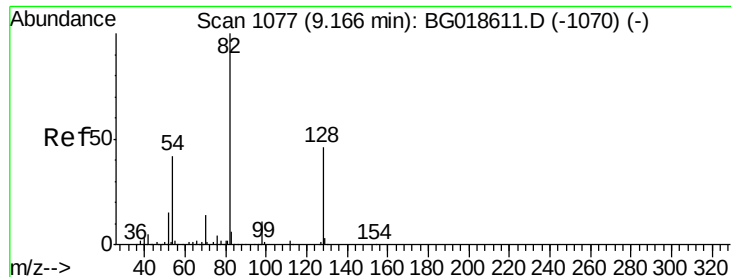
54 6.8 5.4 8.2

68 6.3 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

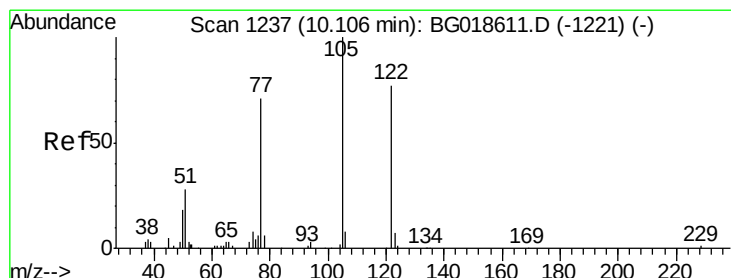
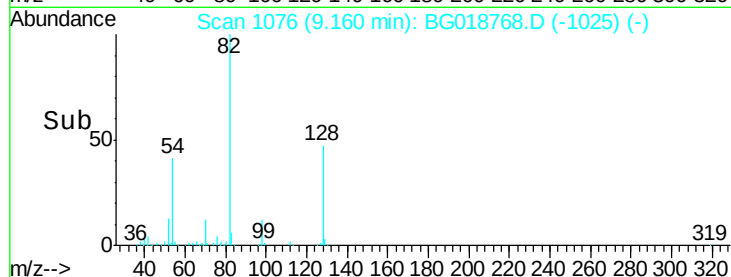
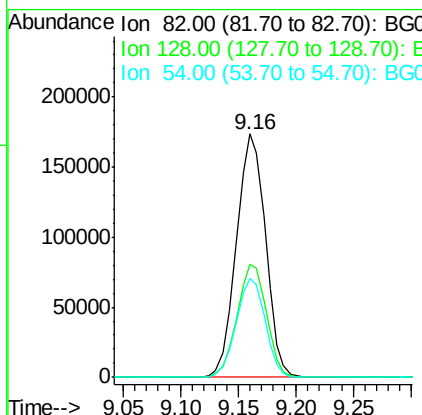
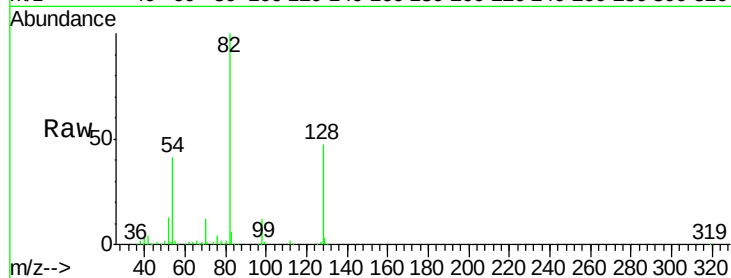




#23
Nitrobenzene-d5
Concen: 93.75 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG018768.D
Acq: 18 Sep 2015 14:39

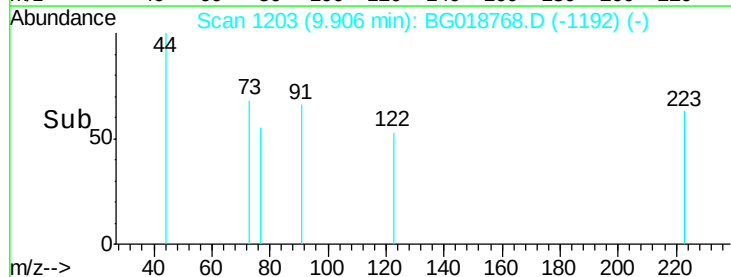
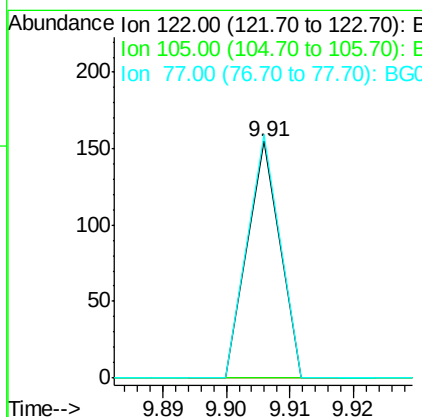
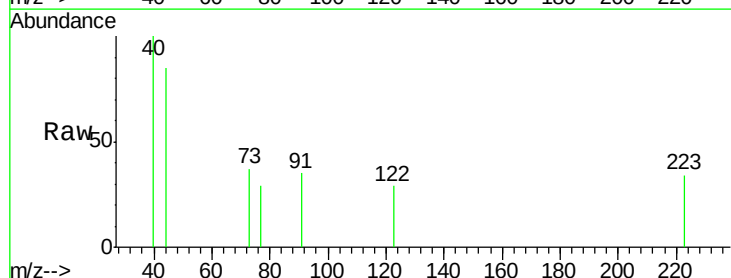
Instrument :
BNA_G
ClientSampled :

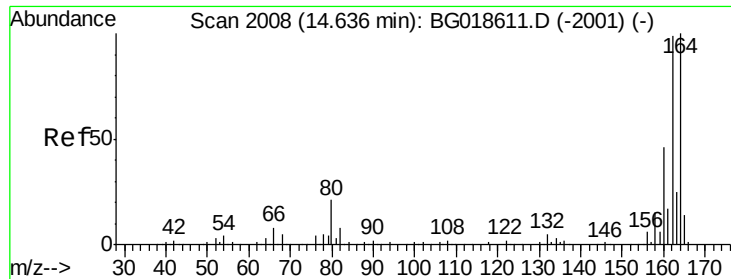
Tot Ion: 82 Resp: 303768
Ion Ratio Lower Upper
82 100
128 46.7 36.7 55.1
54 40.5 33.8 50.8



#32
Benzoic acid
Concen: 7.95 ng
RT: 9.91 min Scan# 1203
Delta R.T. -0.24 min
Lab File: BG018768.D
Acq: 18 Sep 2015 14:39

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 102.6 68.8 108.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG018768.D

Acq: 18 Sep 2015 14:39

Instrument :

BNA_G

ClientSampled :

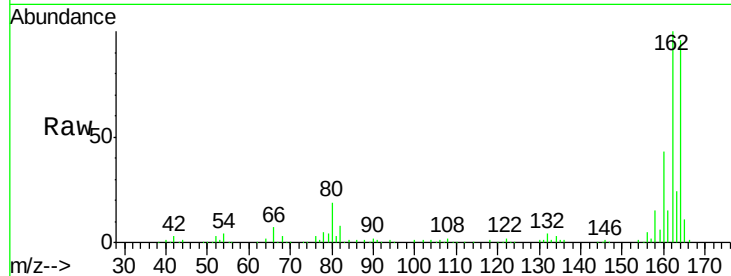
Tot Ion:164 Resp: 129741

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

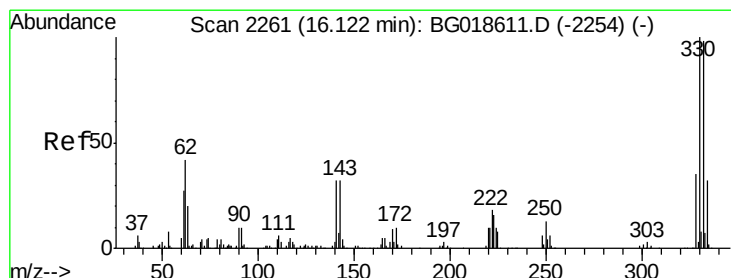
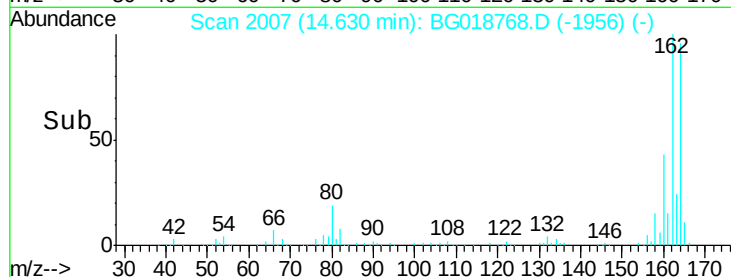
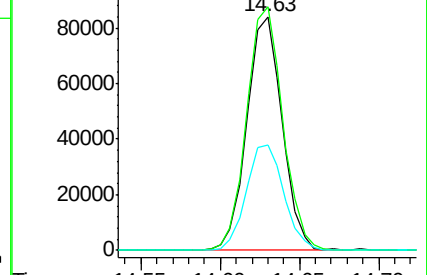
160 44.9 36.4 54.6



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: 153.43 ng

RT: 16.12 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG018768.D

Acq: 18 Sep 2015 14:39

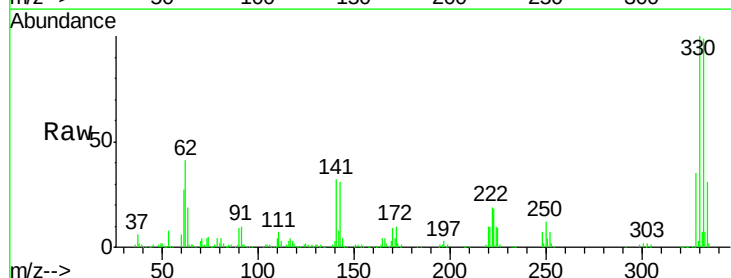
Tgt Ion:330 Resp: 268030

Ion Ratio Lower Upper

330 100

332 97.9 78.1 117.1

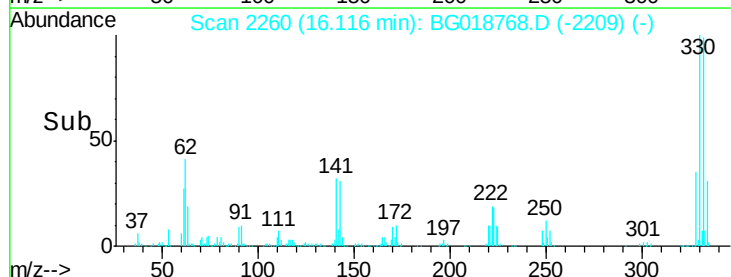
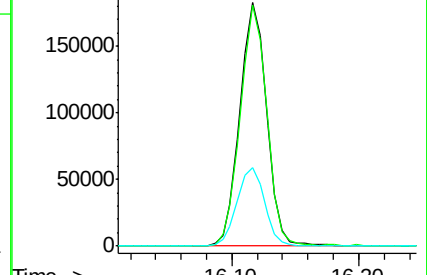
141 33.0 28.2 42.2

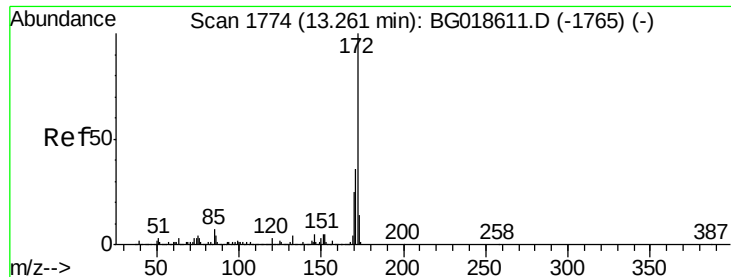


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

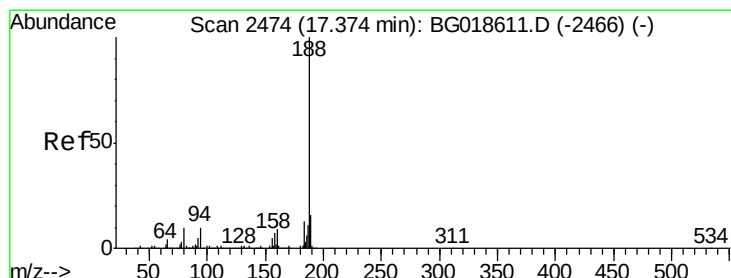
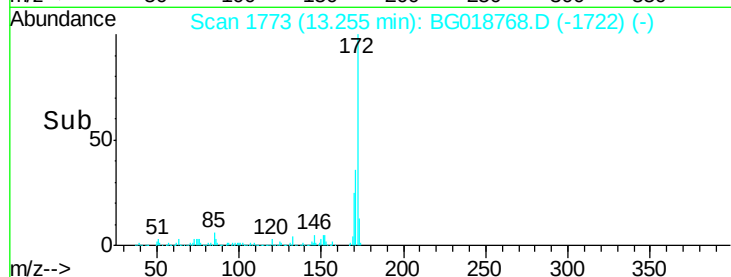
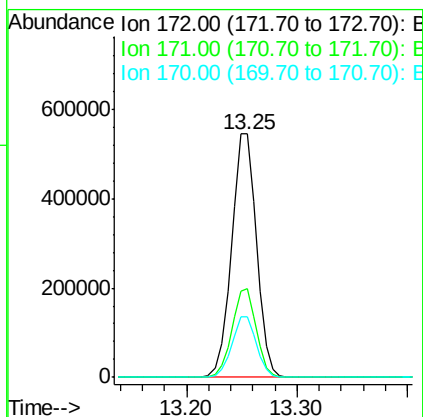
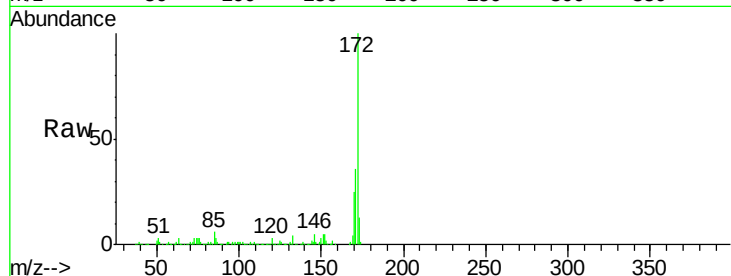




#44
2-Fluorobiphenyl
Concen: 92.40 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG018768.D
Acq: 18 Sep 2015 14:39

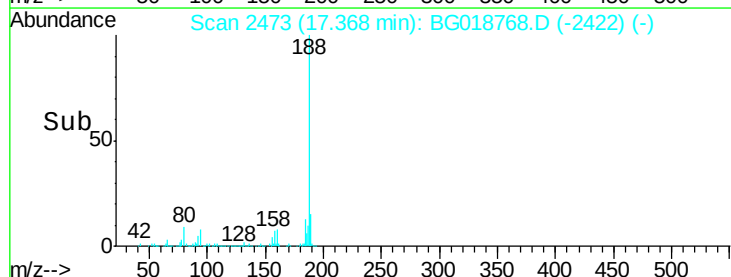
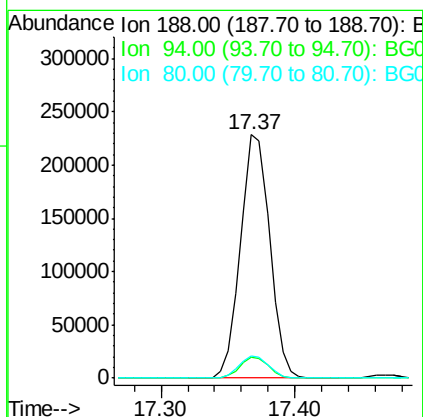
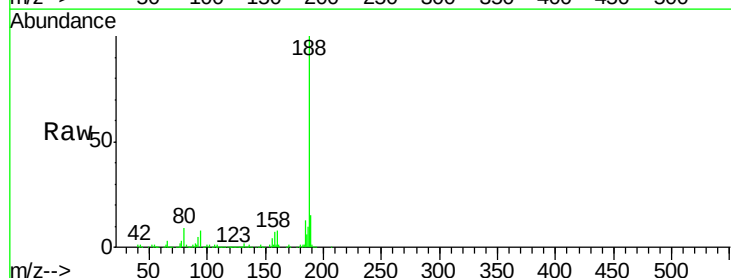
Instrument :
BNA_G
ClientSampleId :

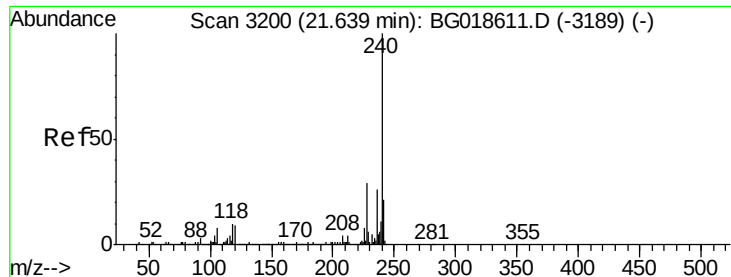
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.7	19.9	29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BG018768.D
Acq: 18 Sep 2015 14:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.7	11.5
80	9.1	7.8	11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG018768.D

Acq: 18 Sep 2015 14:39

Instrument :

BNA_G

ClientSampleId :

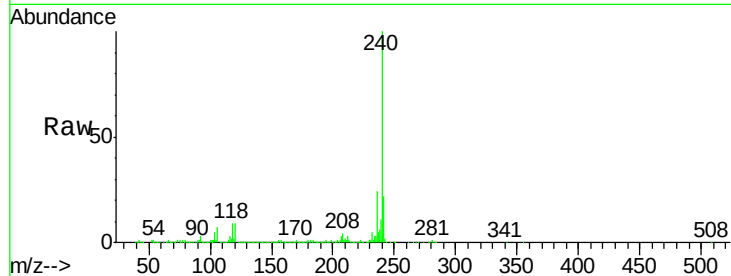
Tot Ion:240 Resp: 361626

Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

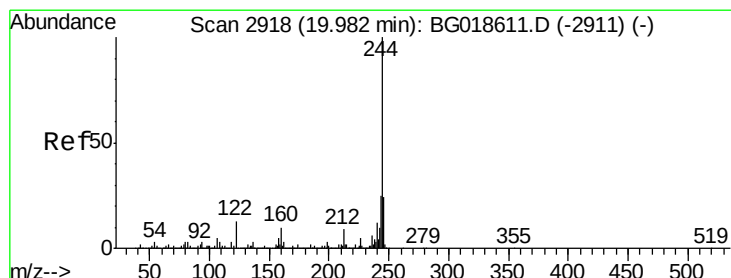
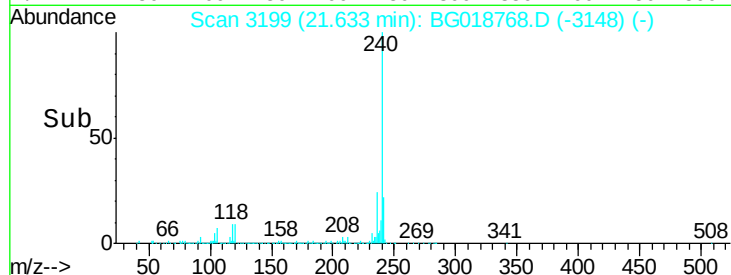
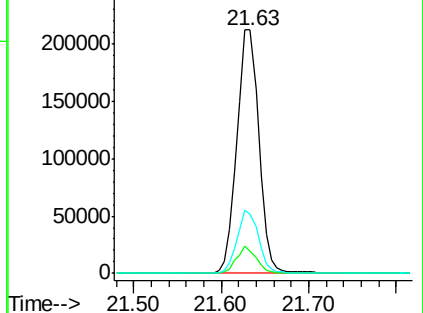
236 24.1 20.7 31.1



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: 78.71 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018768.D

Acq: 18 Sep 2015 14:39

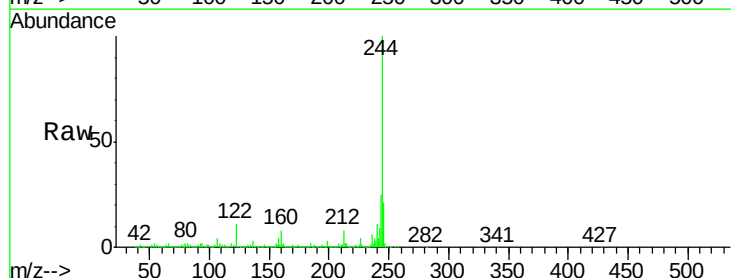
Tgt Ion:244 Resp: 1083931

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

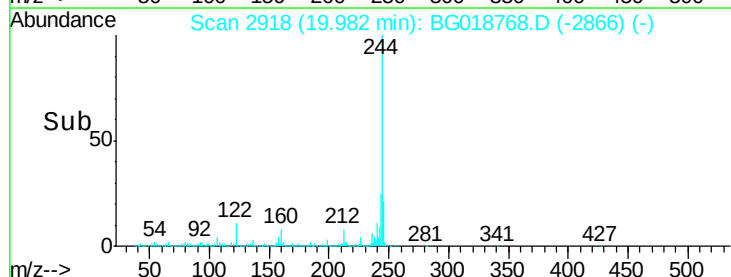
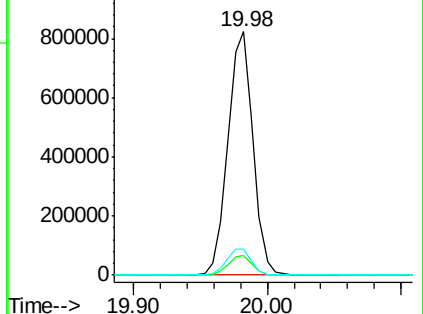
122 10.7 10.2 15.2

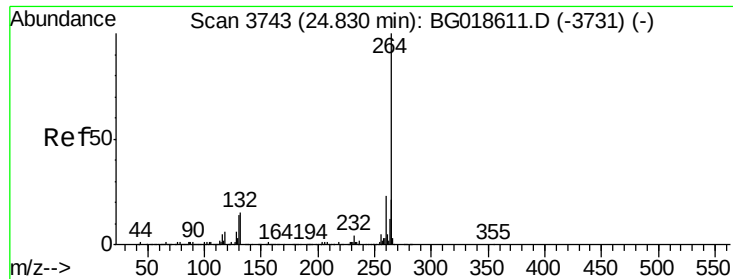


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3742
Delta R.T. 0.00 min
Lab File: BG018768.D
Acq: 18 Sep 2015 14:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.5	27.7
265	20.5	17.2	25.8

