

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091915\
 Data File : BG018767.D
 Acq On : 18 Sep 2015 14:01
 Operator : TP
 Sample : G3706-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 23:56:25 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

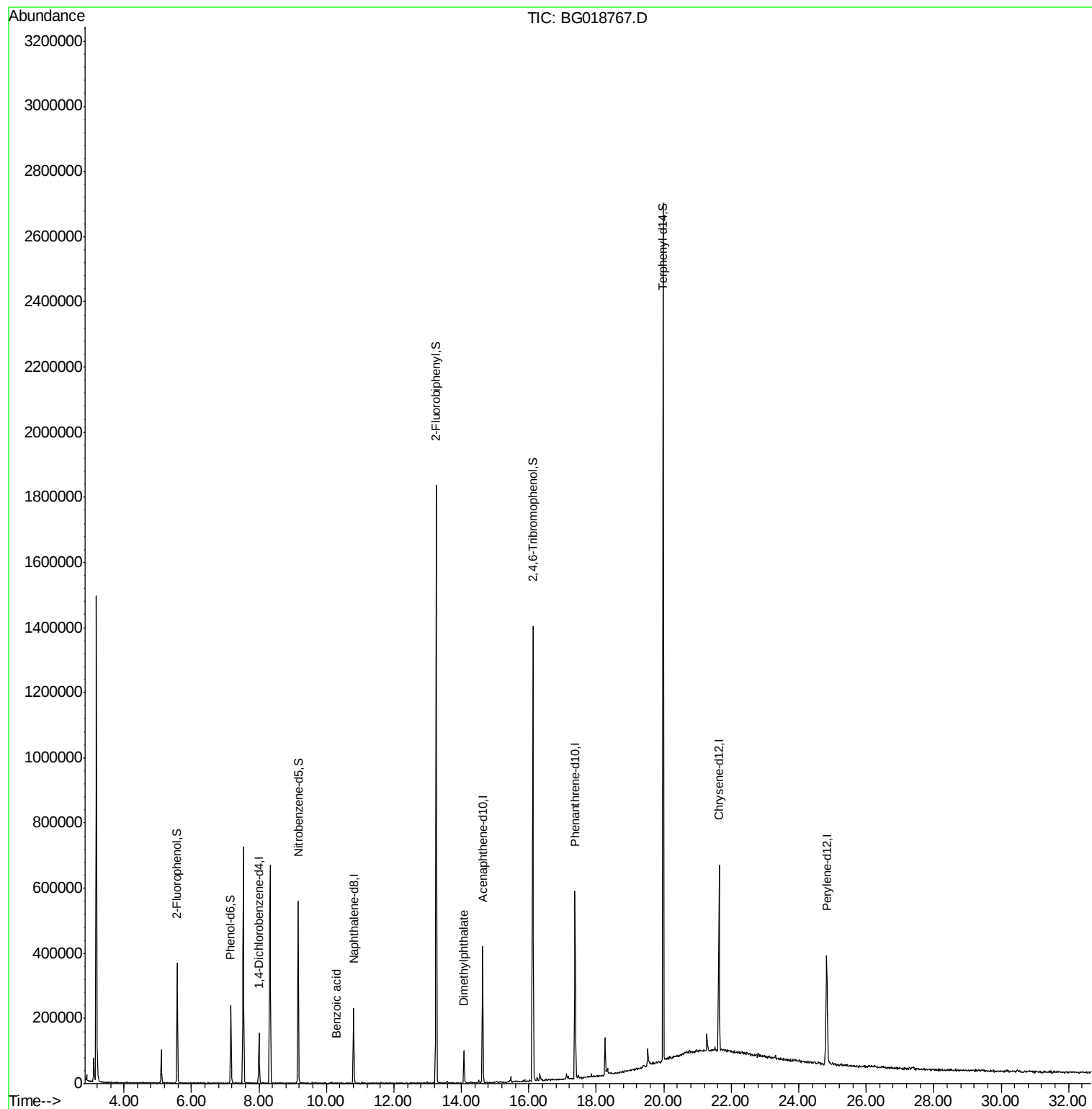
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	47833	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	208745	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	146683	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	361397	20.00	ng	0.00
75) Chrysene-d12	21.64	240	364334	20.00	ng	0.00
86) Perylene-d12	24.83	264	364634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	182177	65.79	ng	0.00
7) Phenol-d6	7.16	99	164165	41.35	ng	0.00
23) Nitrobenzene-d5	9.16	82	355715	95.35	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	294729	149.22	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	986680	93.38	ng	0.00
78) Terphenyl-d14	19.98	244	1214530	87.54	ng	0.00
Target Compounds						
32) Benzoic acid	10.29	122	56	7.95	ng	Qvalue # 1
49) Dimethylphthalate	14.07	163	69504	5.72	ng	98

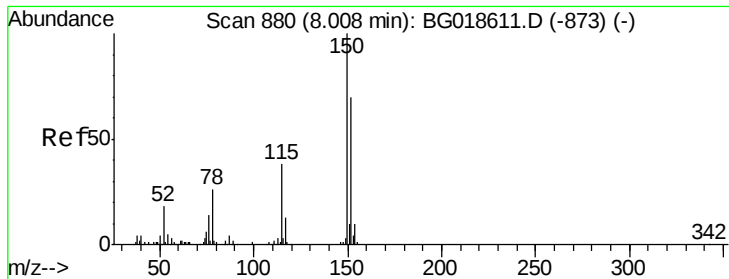
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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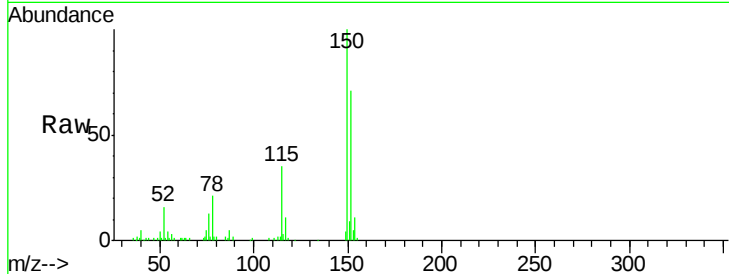


#1

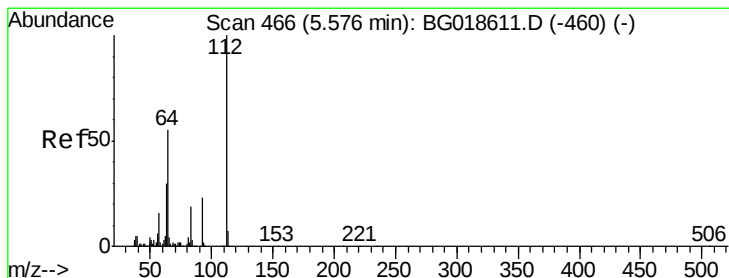
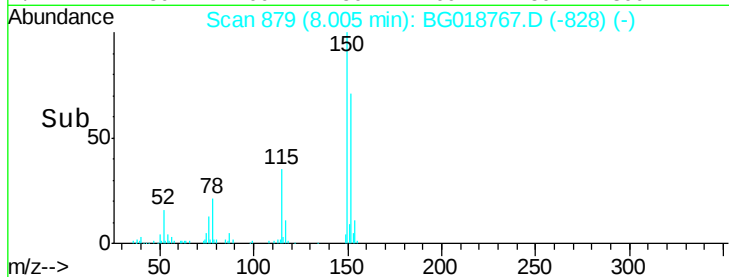
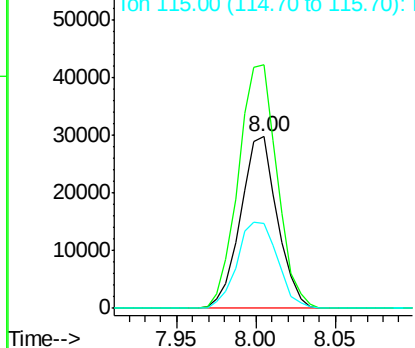
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG018767.D
Acq: 18 Sep 2015 14:01

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.7	115.0	172.4
115	49.6	43.9	65.9



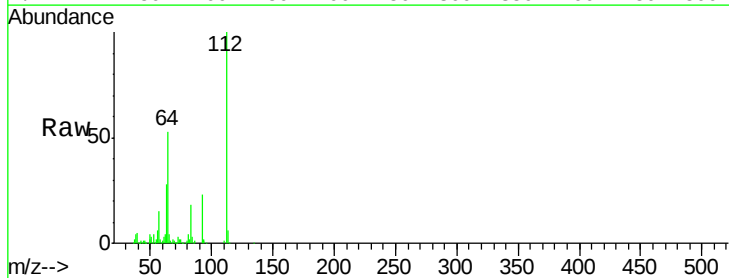
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



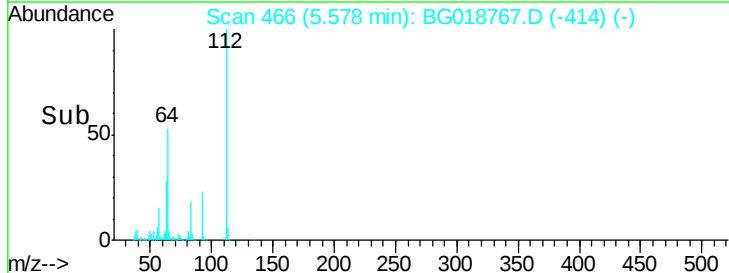
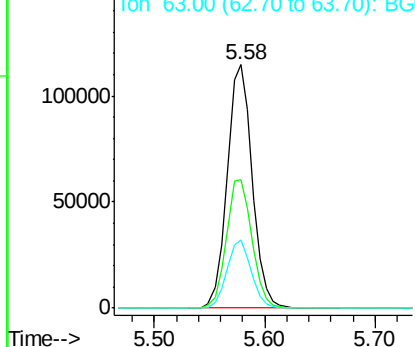
#5

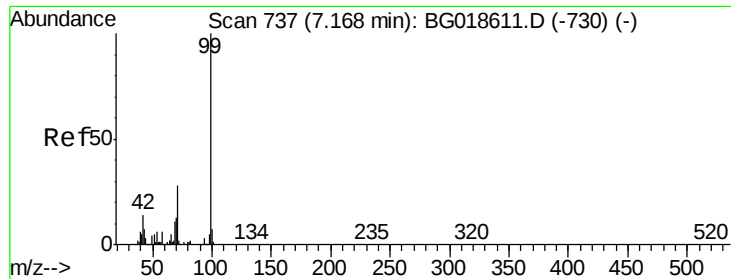
2-Fluorophenol
Concen: 65.79 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.01 min
Lab File: BG018767.D
Acq: 18 Sep 2015 14:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	43.7	65.5
63	28.0	24.0	36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 41.35 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG018767.D

Acq: 18 Sep 2015 14:01

Instrument :

BNA_G

ClientSampled :

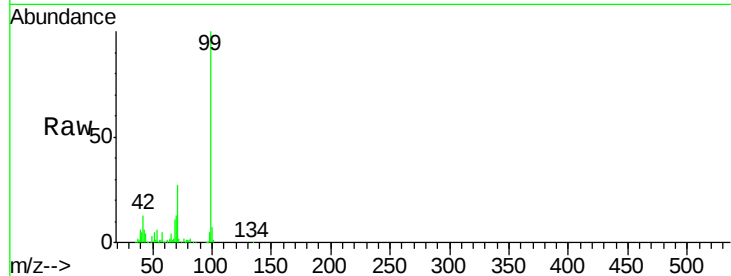
Tot Ion: 99 Resp: 164165

Ion Ratio Lower Upper

99 100

42 13.5 11.5 17.3

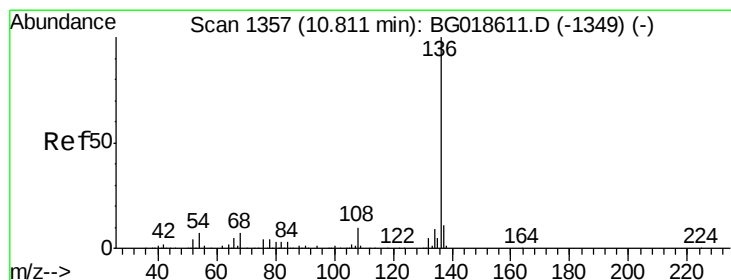
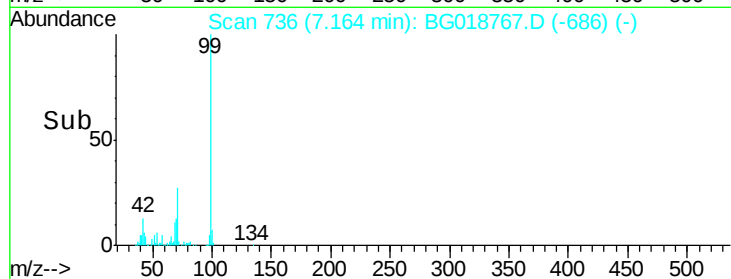
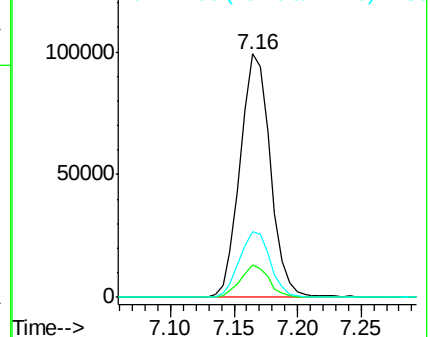
71 27.0 22.6 34.0



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: BG018767.D

Acq: 18 Sep 2015 14:01

Tgt Ion: 136 Resp: 208745

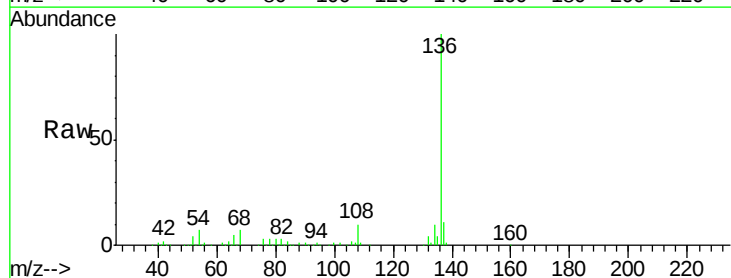
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.9 5.4 8.2

68 6.7 5.3 7.9

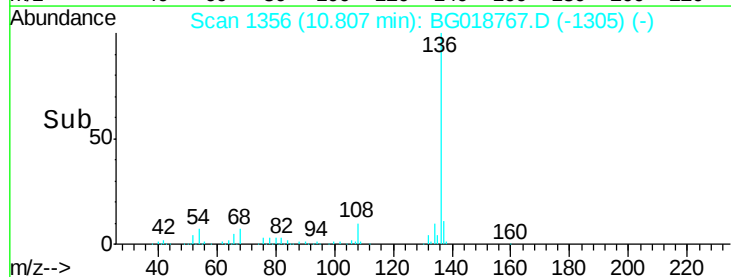
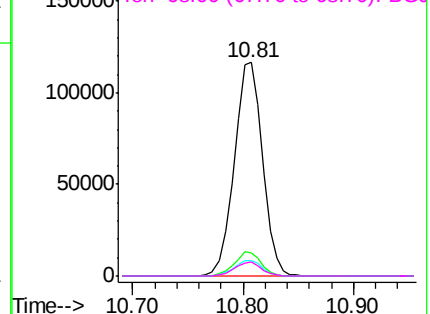


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

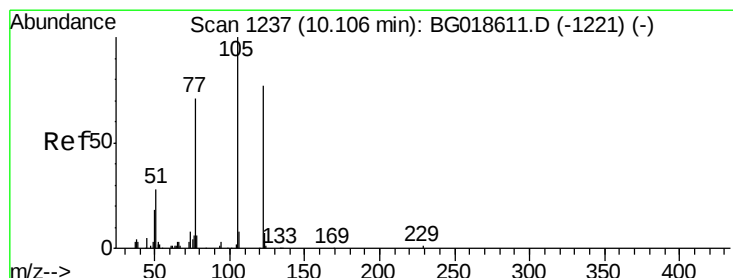
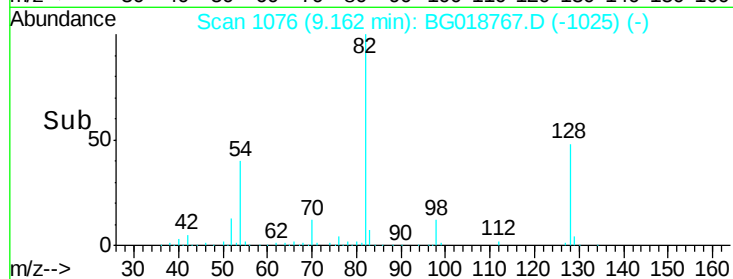
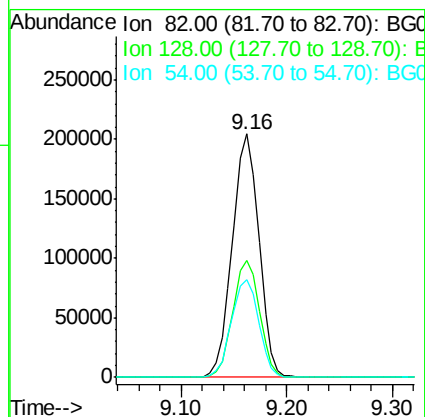
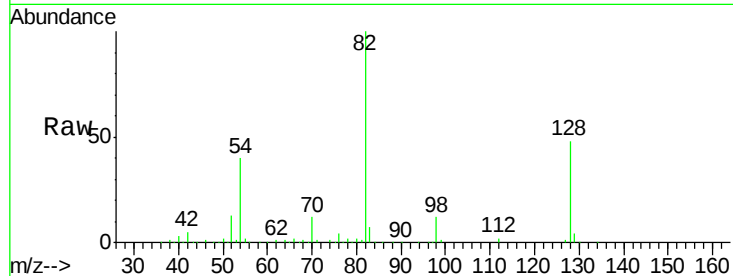




#23
Nitrobenzene-d5
Concen: 95.35 ng
RT: 9.16 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BG018767.D
Acq: 18 Sep 2015 14:01

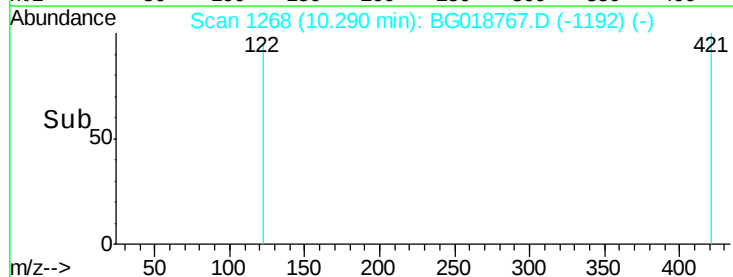
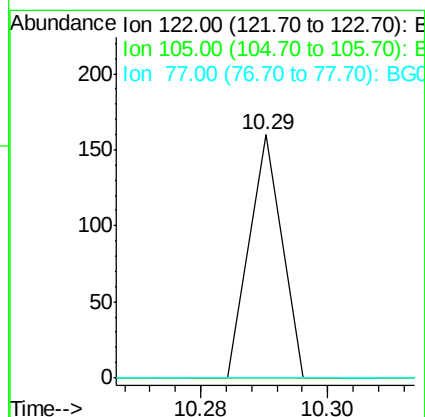
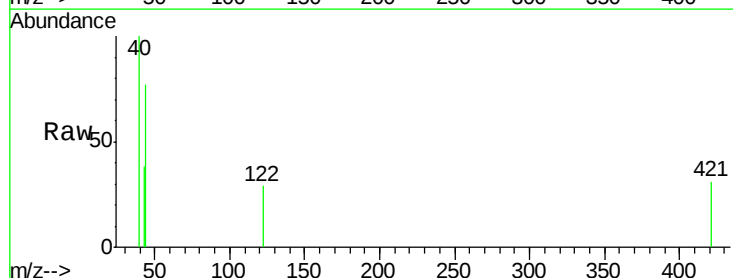
Instrument :
BNA_G
ClientSampleId :

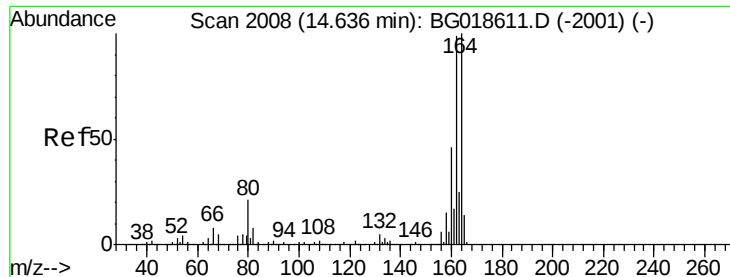
Tot Ion: 82 Resp: 355715
Ion Ratio Lower Upper
82 100
128 48.0 36.7 55.1
54 40.3 33.8 50.8



#32
Benzoic acid
Concen: 7.95 ng
RT: 10.29 min Scan# 1268
Delta R.T. 0.15 min
Lab File: BG018767.D
Acq: 18 Sep 2015 14:01

Tgt Ion: 122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 0.0 68.8 108.8#

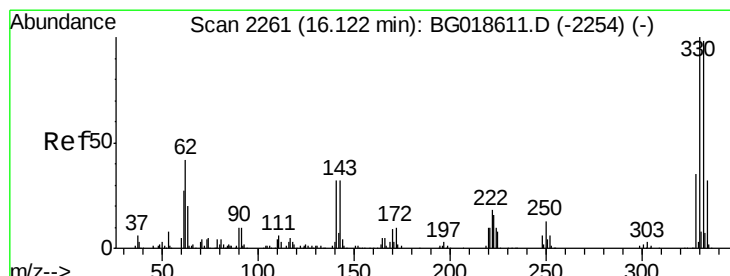
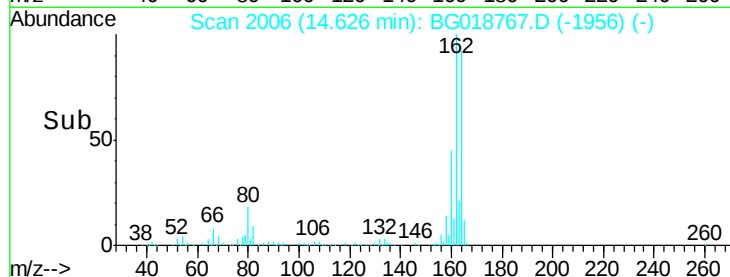
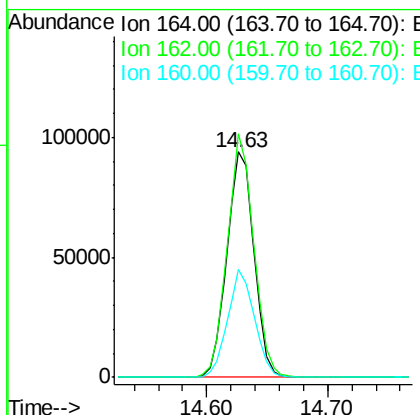
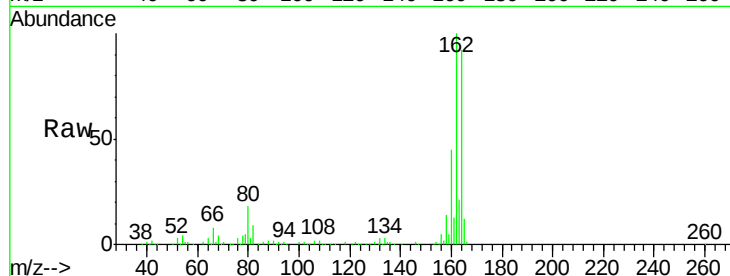




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG018767.D
 Acq: 18 Sep 2015 14:01

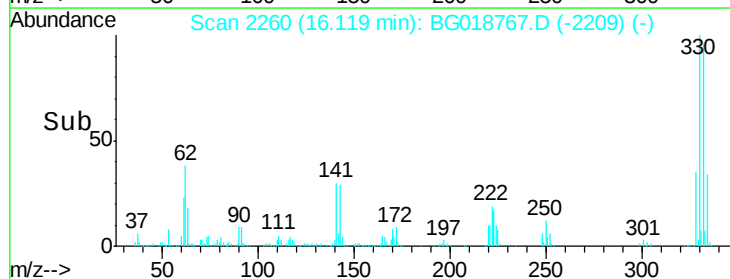
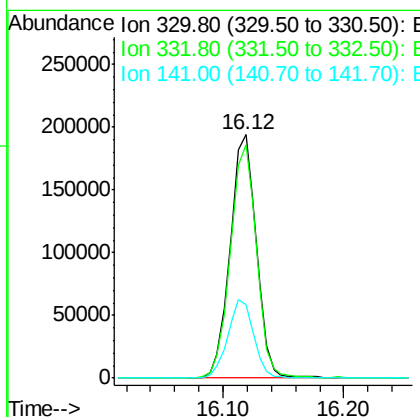
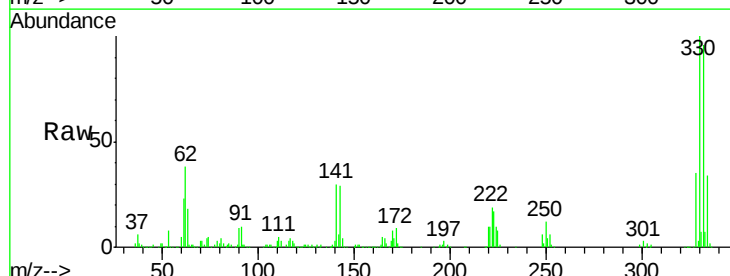
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.2	78.8	118.2
160	48.2	36.4	54.6



#41
 2,4,6-Tribromophenol
 Concen: 149.22 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BG018767.D
 Acq: 18 Sep 2015 14:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.1	117.1
141	32.2	28.2	42.2

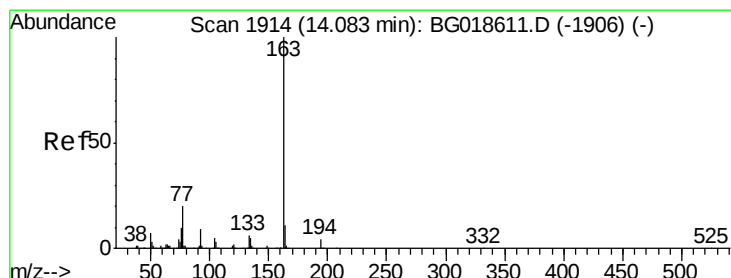
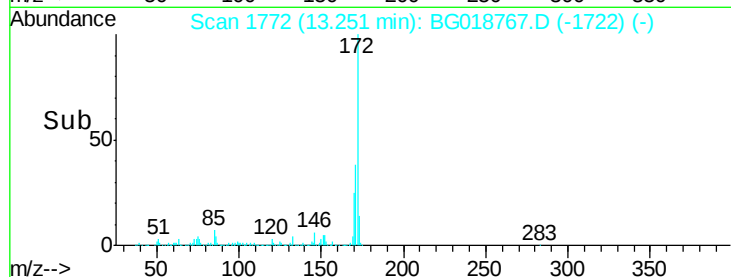
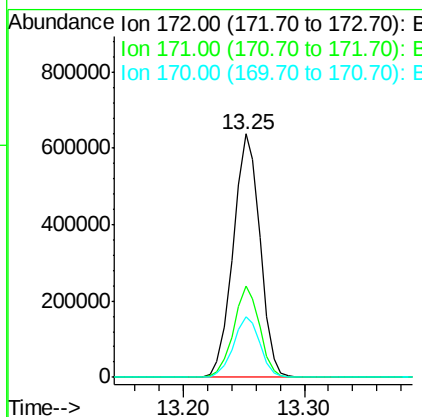
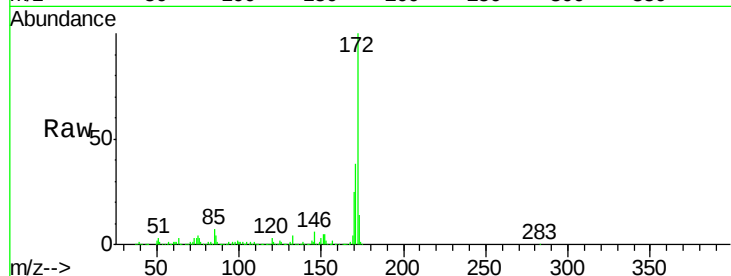




#44
2-Fluorobiphenyl
Concen: 93.38 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG018767.D
Acq: 18 Sep 2015 14:01

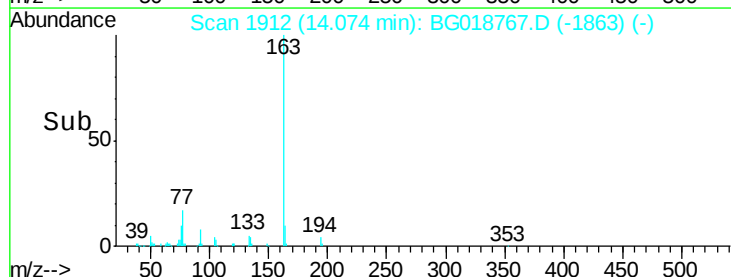
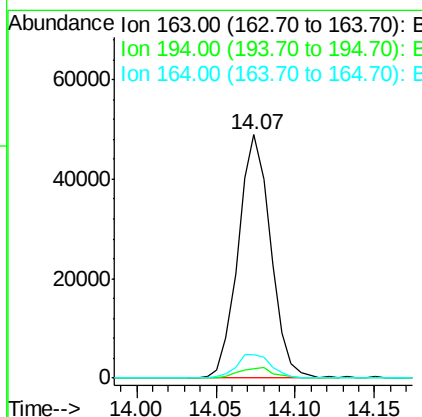
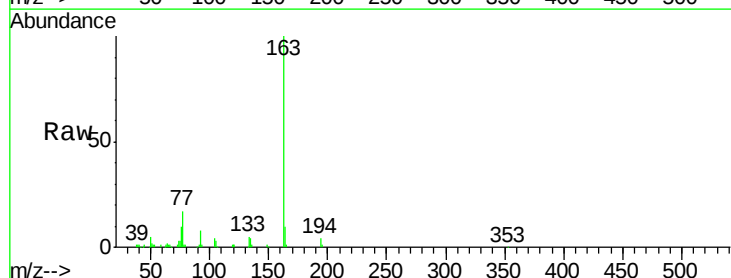
Instrument :
BNA_G
ClientSampleId :

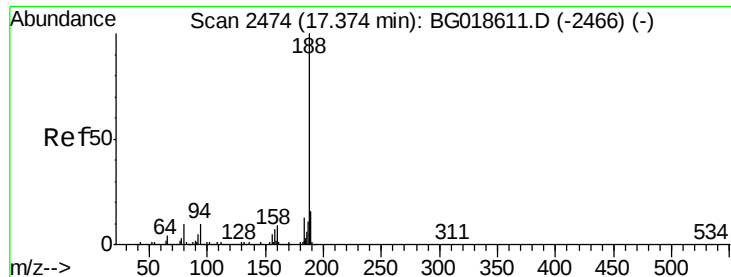
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.6
170	24.9	19.9	29.9



#49
Dimethylphthalate
Concen: 5.72 ng
RT: 14.07 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG018767.D
Acq: 18 Sep 2015 14:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.9	8.8	13.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BG018767.D

Acq: 18 Sep 2015 14:01

Instrument :

BNA_G

ClientSampleId :

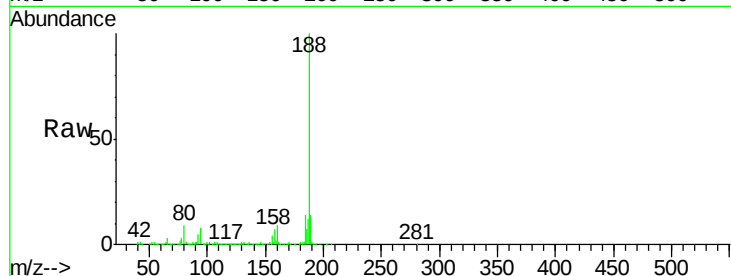
Tot Ion:188 Resp: 361397

Ion Ratio Lower Upper

188 100

94 8.4 7.7 11.5

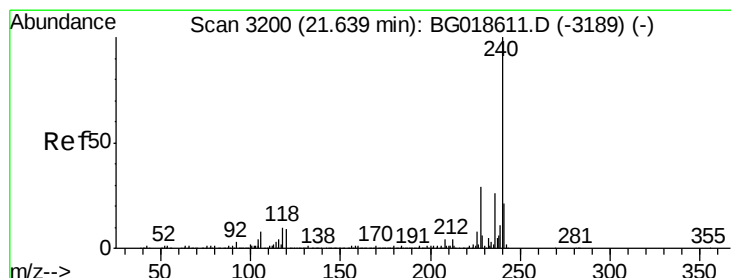
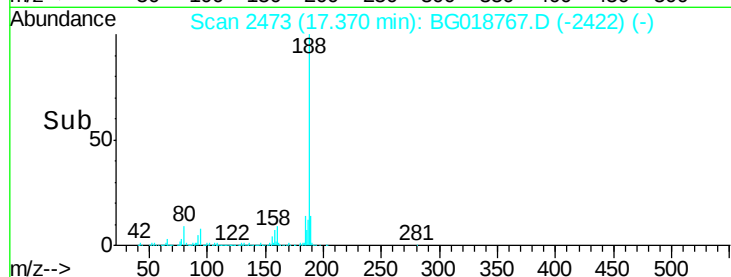
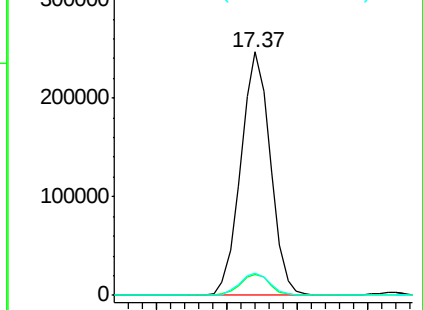
80 8.9 7.8 11.8



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: 21.64 min Scan# 3199

Delta R.T. 0.00 min

Lab File: BG018767.D

Acq: 18 Sep 2015 14:01

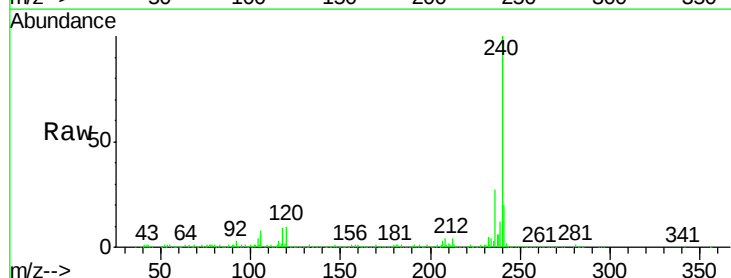
Tgt Ion:240 Resp: 364334

Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.0

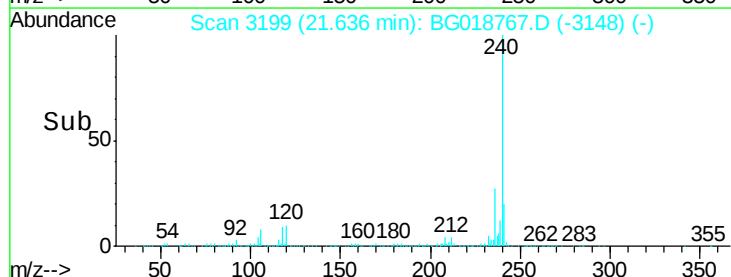
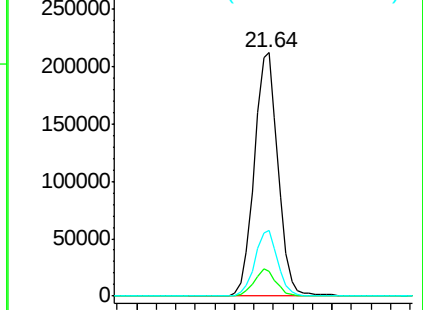
236 27.1 20.7 31.1

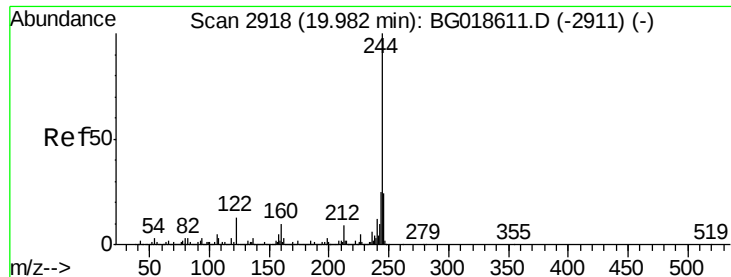


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.54 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG018767.D

Acq: 18 Sep 2015 14:01

Instrument :

BNA_G

ClientSampled :

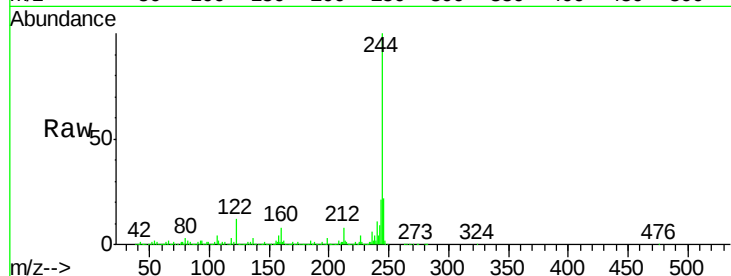
Tot Ion:244 Resp: 1214530

Ion Ratio Lower Upper

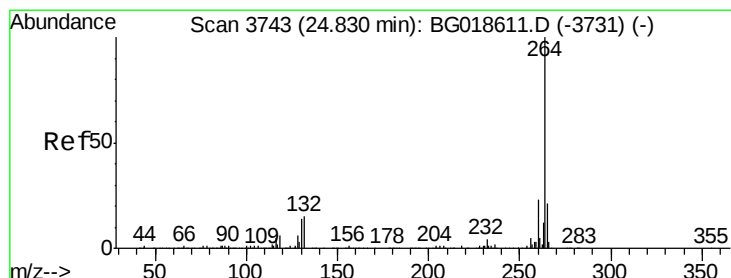
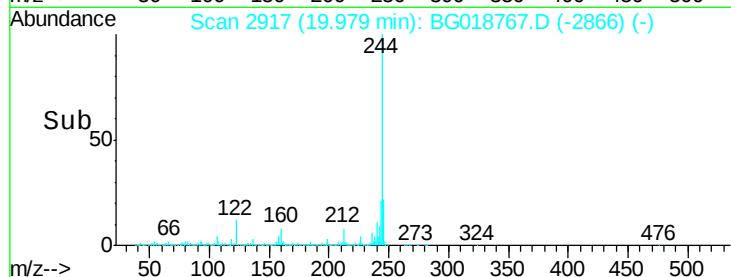
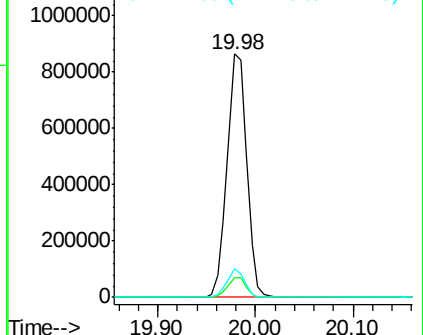
244 100

212 8.0 6.9 10.3

122 11.7 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

Perylene-d12

Concen: 20.00 ng

RT: 24.83 min Scan# 3742

Delta R.T. 0.01 min

Lab File: BG018767.D

Acq: 18 Sep 2015 14:01

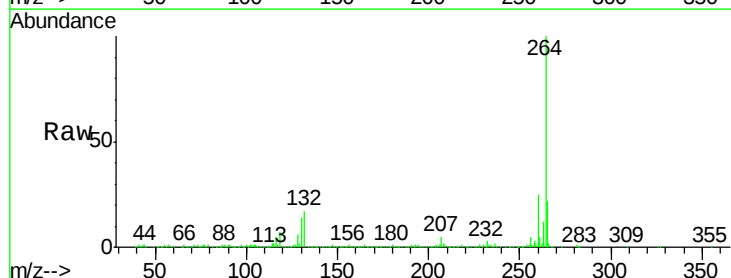
Tgt Ion:264 Resp: 364634

Ion Ratio Lower Upper

264 100

260 24.8 18.5 27.7

265 22.0 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

