

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091715\
 Data File : BG018731.D
 Acq On : 17 Sep 2015 7:03
 Operator : TP
 Sample : G3663-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-2

Quant Time: Sep 17 07:43:48 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 06:49:56 2015
 Response via : Initial Calibration

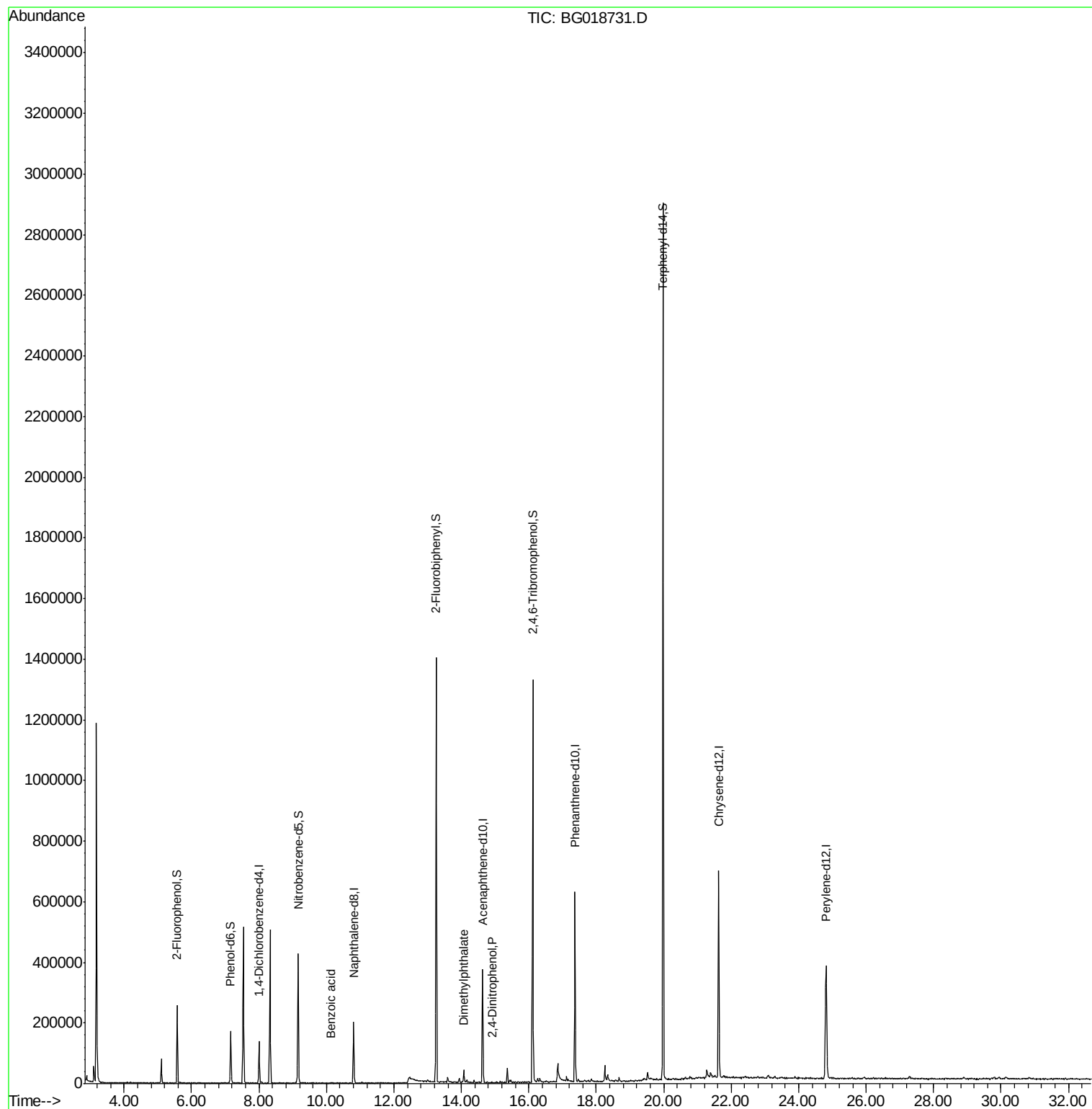
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	41047	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	181142	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	133318	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	388966	20.00	ng	0.00
75) Chrysene-d12	21.63	240	400896	20.00	ng	0.00
86) Perylene-d12	24.81	264	398110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	125812	52.95	ng	0.00
7) Phenol-d6	7.16	99	115311	33.85	ng	0.00
23) Nitrobenzene-d5	9.16	82	264967	81.85	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	266170	148.27	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	781314	81.35	ng	0.00
78) Terphenyl-d14	19.98	244	1276428	83.61	ng	0.00
Target Compounds						
32) Benzoic acid	10.11	122	198	8.00	ng	# 20
49) Dimethylphthalate	14.07	163	29225	2.65	ng	# 98
53) 2,4-Dinitrophenol	14.92	184	60	7.69	ng	# 24

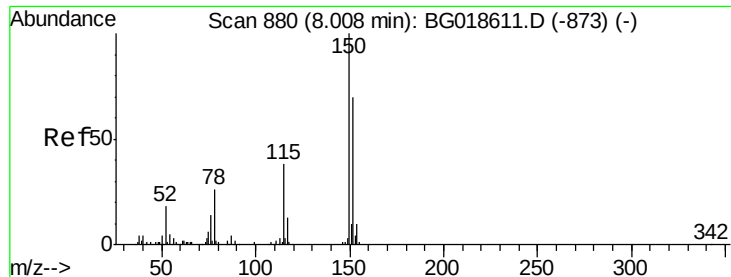
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 17 Sep 2015 7:03
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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Quant Time: Sep 17 07:43:48 2015
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QLast Update : Thu Sep 17 06:49:56 2015
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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: BG018731.D

Acq: 17 Sep 2015 7:03

Instrument :

BNA_G

ClientSampleId :

GW-2

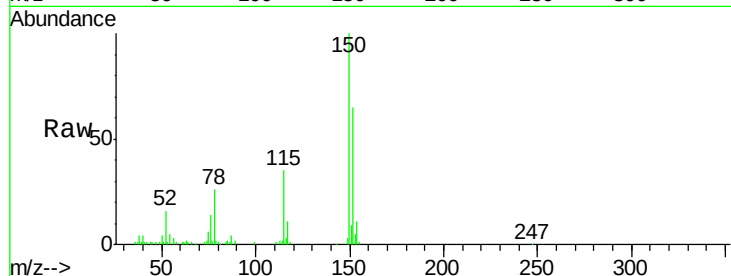
Tot Ion:152 Resp: 41047

Ion Ratio Lower Upper

152 100

150 152.8 115.0 172.4

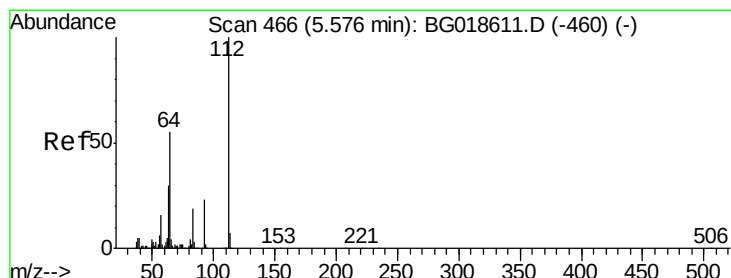
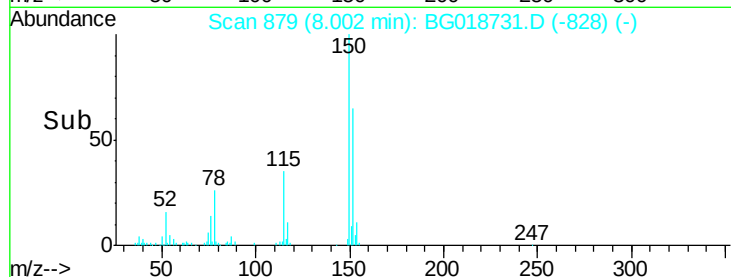
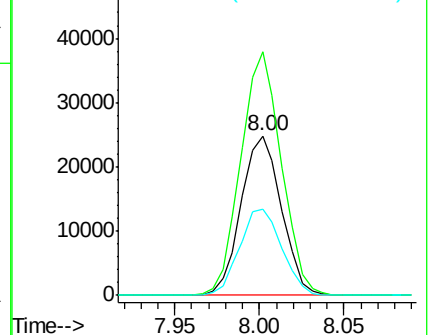
115 53.8 43.9 65.9



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: 52.95 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018731.D

Acq: 17 Sep 2015 7:03

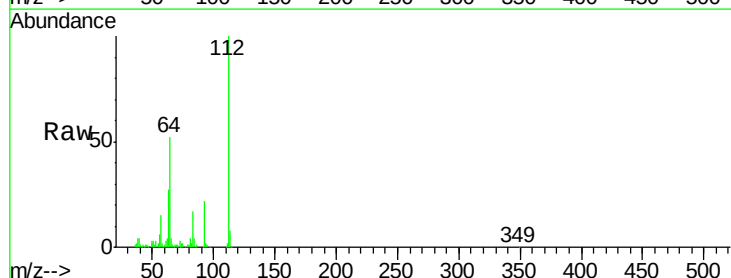
Tgt Ion:112 Resp: 125812

Ion Ratio Lower Upper

112 100

64 52.1 43.7 65.5

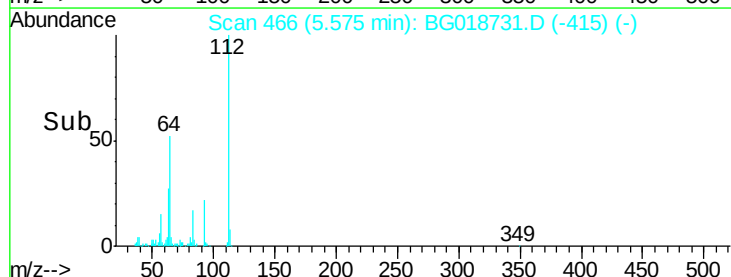
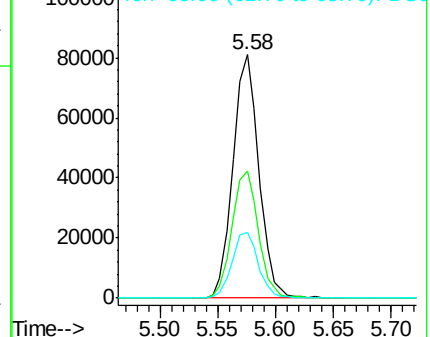
63 26.8 24.0 36.0

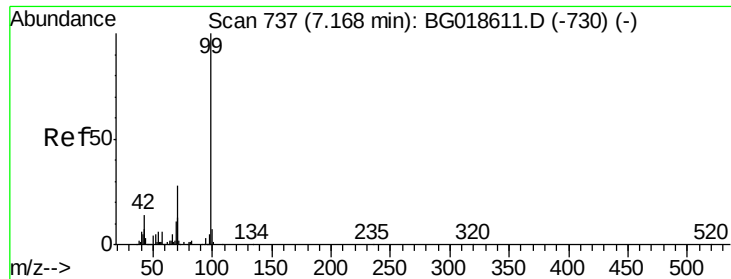


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.85 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG018731.D

Acq: 17 Sep 2015 7:03

Instrument :

BNA_G

ClientSampleId :

GW-2

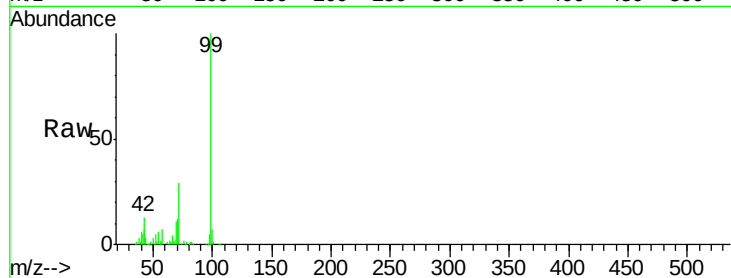
Tot Ion: 99 Resp: 115311

Ion Ratio Lower Upper

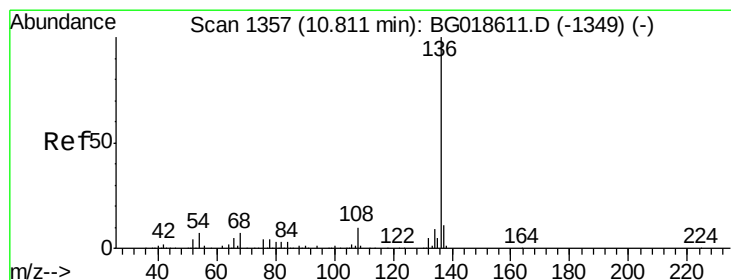
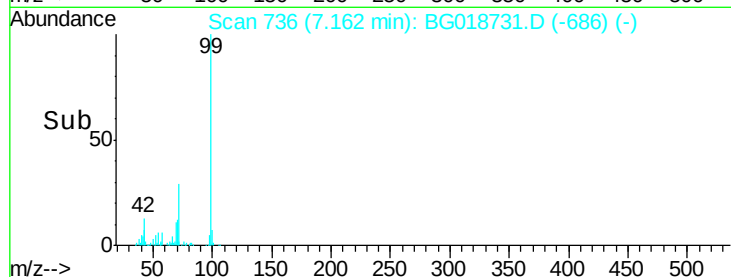
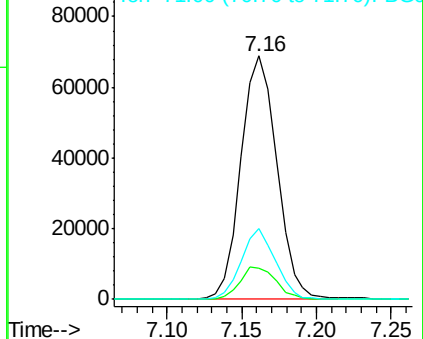
99 100

42 12.9 11.5 17.3

71 29.1 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: BG018731.D

Acq: 17 Sep 2015 7:03

Tgt Ion: 136 Resp: 181142

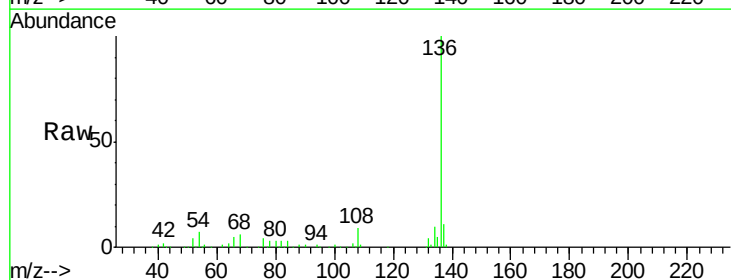
Ion Ratio Lower Upper

136 100

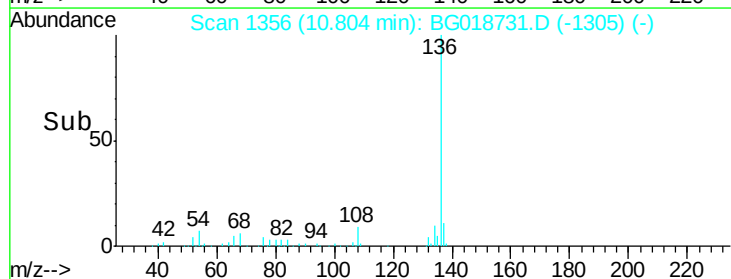
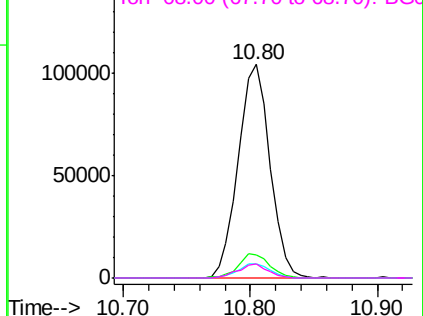
137 10.9 8.6 12.8

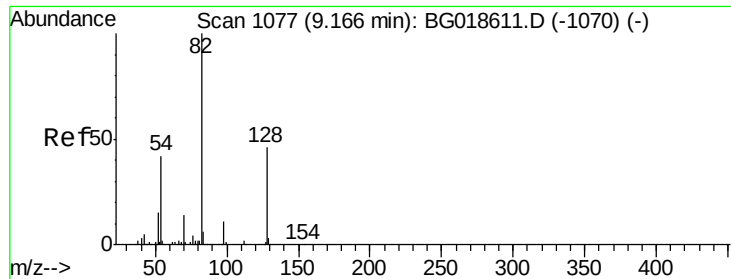
54 6.7 5.4 8.2

68 6.5 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: 81.85 ng

RT: 9.16 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BG018731.D

Acq: 17 Sep 2015 7:03

Instrument :

BNA_G

ClientSampled :

GW-2

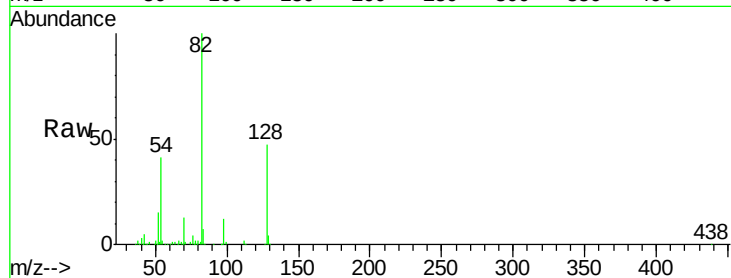
Tot Ion: 82 Resp: 264967

Ion Ratio Lower Upper

82 100

128 47.5 36.7 55.1

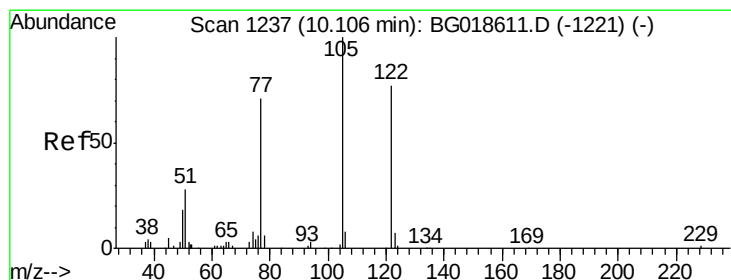
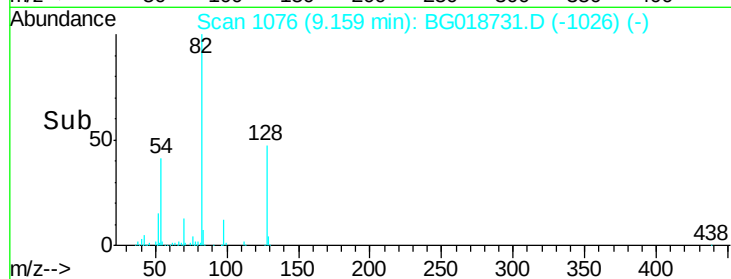
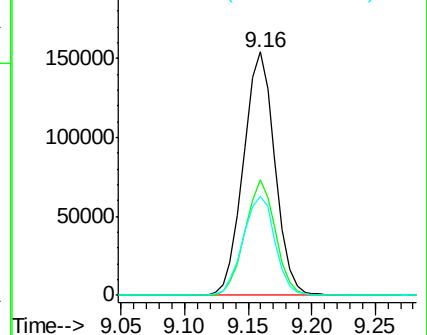
54 40.8 33.8 50.8



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#32

Benzoic acid

Concen: 8.00 ng

RT: 10.11 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BG018731.D

Acq: 17 Sep 2015 7:03

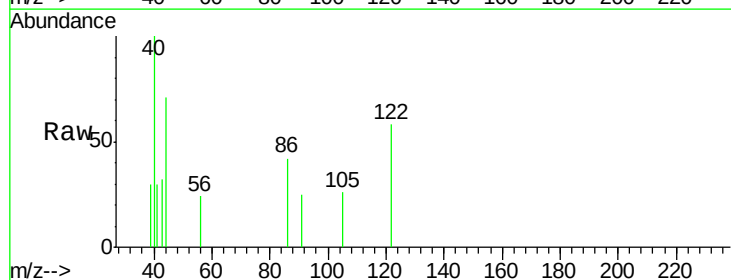
Tgt Ion: 122 Resp: 198

Ion Ratio Lower Upper

122 100

105 44.7 103.8 143.8#

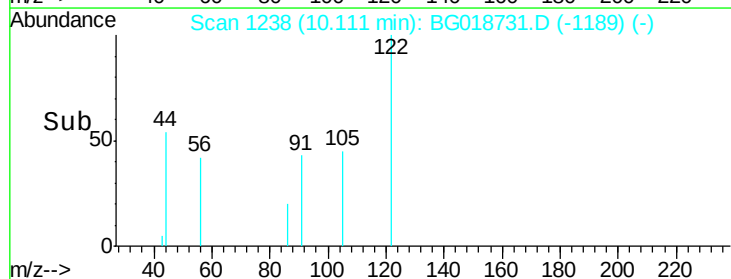
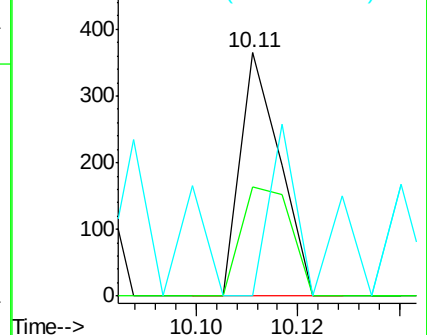
77 0.0 68.8 108.8#

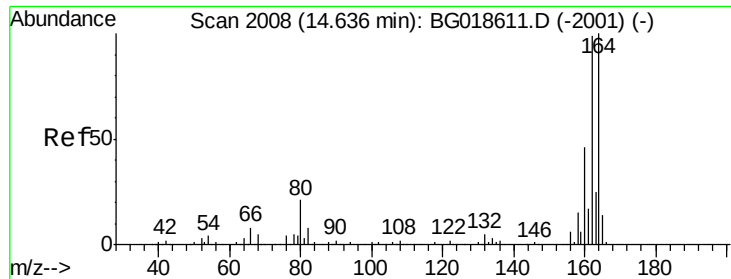


Abundance Ion 122.00 (121.70 to 122.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

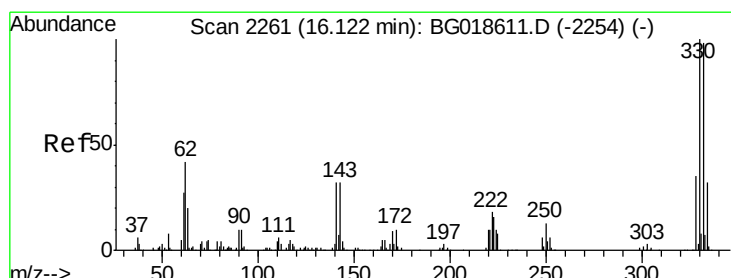
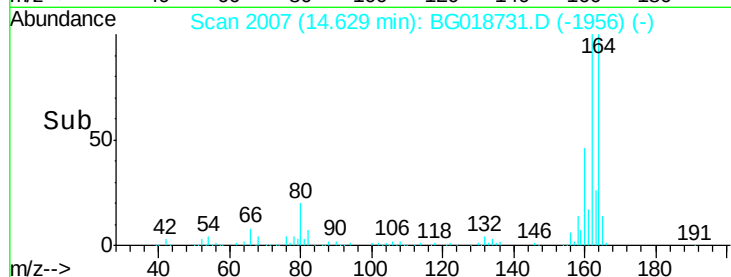
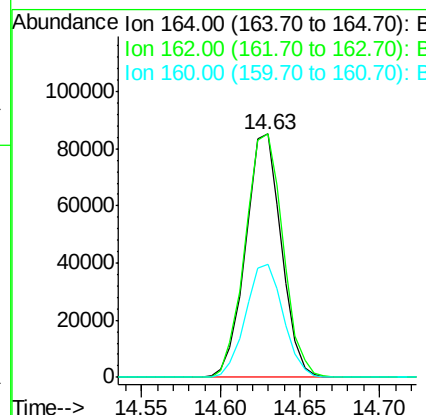
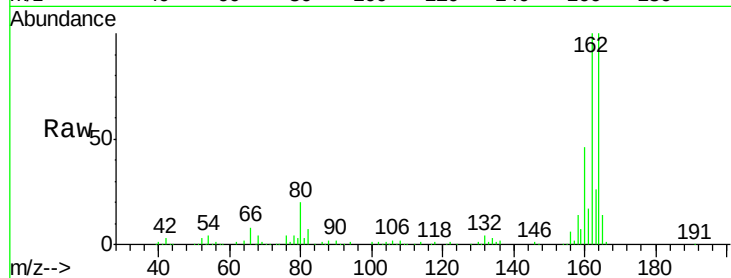




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG018731.D
 Acq: 17 Sep 2015 7:03

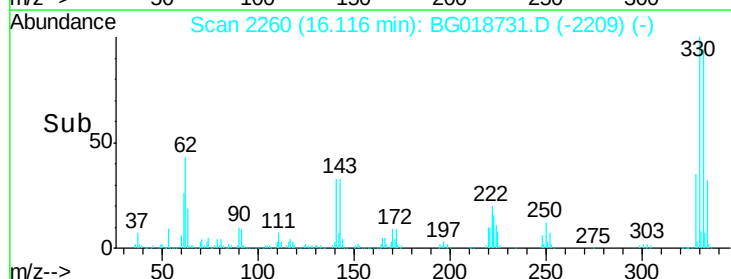
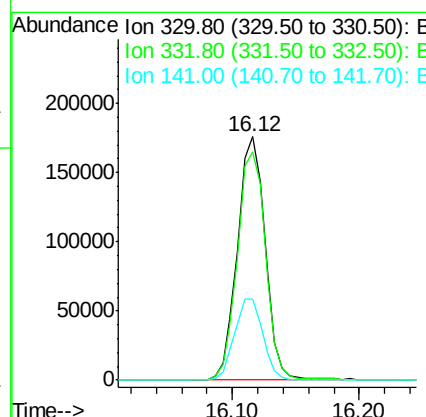
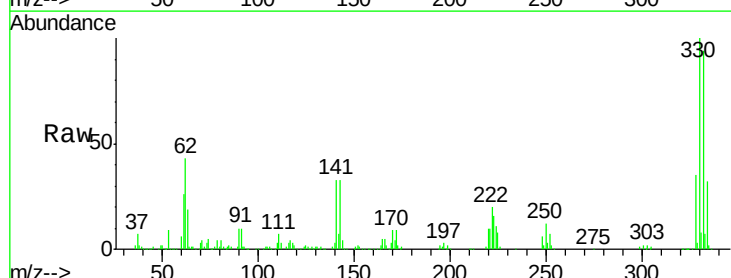
Instrument :
 BNA_G
 ClientSampled :
 GW-2

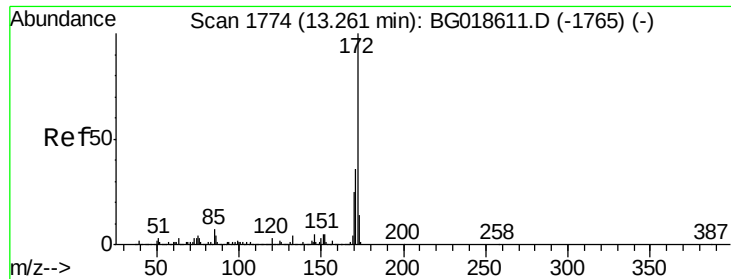
Tot Ion:164 Resp: 133318
 Ion Ratio Lower Upper
 164 100
 162 100.1 78.8 118.2
 160 46.4 36.4 54.6



#41
 2,4,6-Tribromophenol
 Concen: 148.27 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BG018731.D
 Acq: 17 Sep 2015 7:03

Tgt Ion:330 Resp: 266170
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.1 117.1
 141 34.3 28.2 42.2

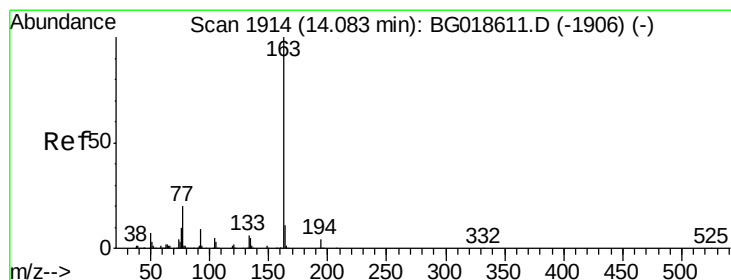
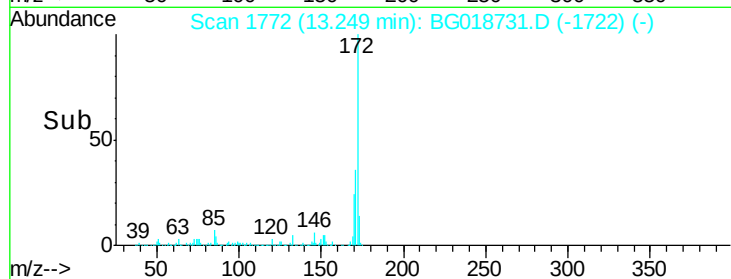
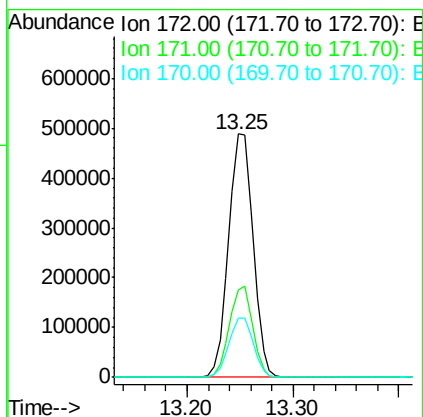
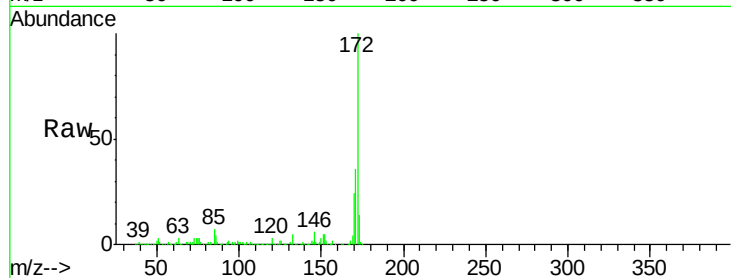




#44
2-Fluorobiphenyl
Concen: 81.35 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG018731.D
Acq: 17 Sep 2015 7:03

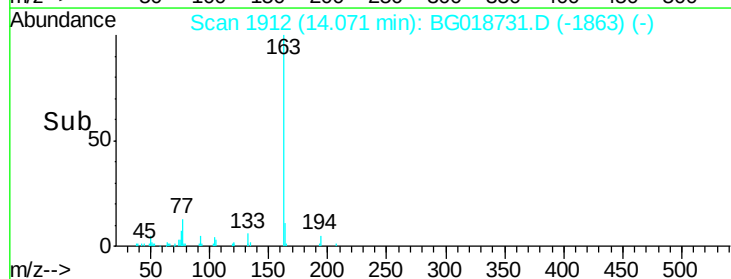
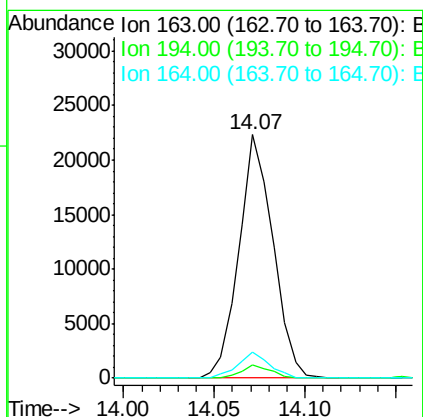
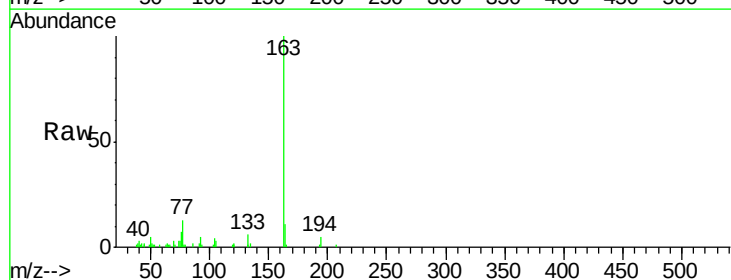
Instrument :
BNA_G
ClientSampleId :
GW-2

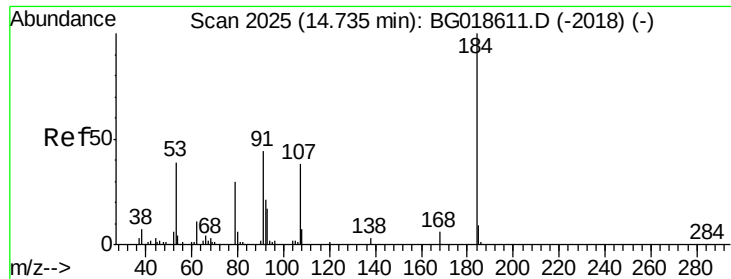
Tot Ion:	172	Resp:	781314
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	19.9	29.9



#49
Dimethylphthalate
Concen: 2.65 ng
RT: 14.07 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG018731.D
Acq: 17 Sep 2015 7:03

Tgt Ion:	163	Resp:	29225
Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.1	4.7#
164	10.7	8.8	13.2

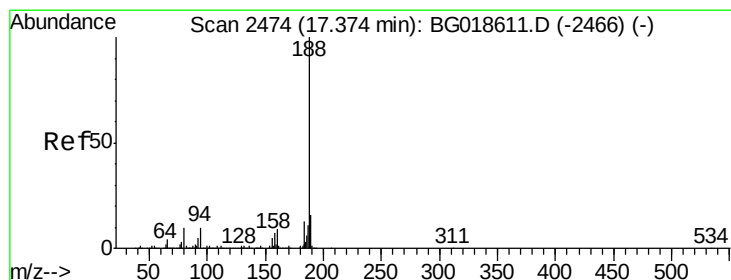
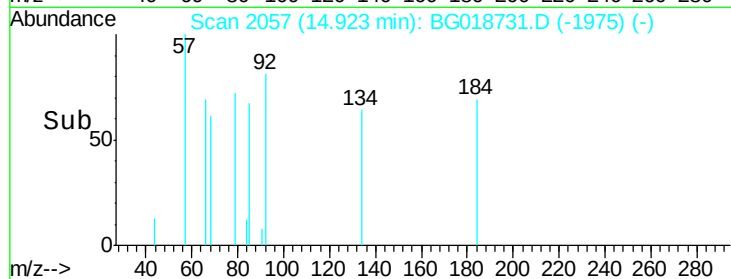
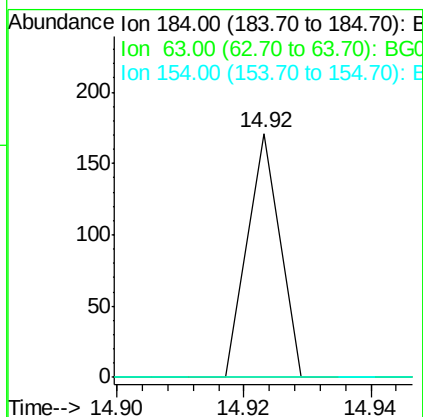
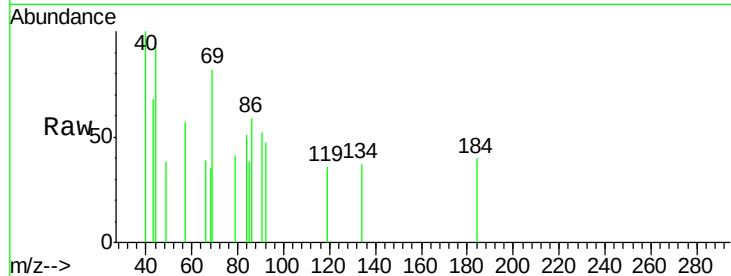




#53
 2,4-Dinitrophenol
 Concen: 7.69 ng
 RT: 14.92 min Scan# 2057
 Delta R.T. 0.18 min
 Lab File: BG018731.D
 Acq: 17 Sep 2015 7:03

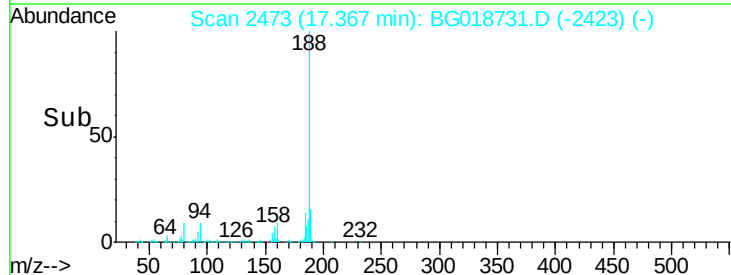
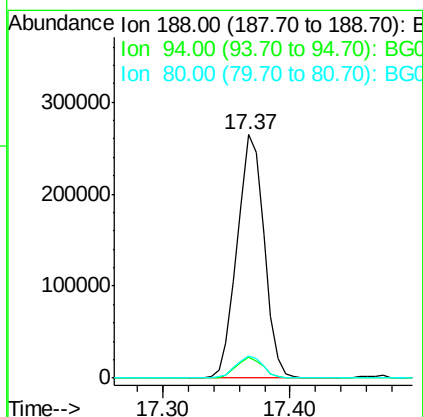
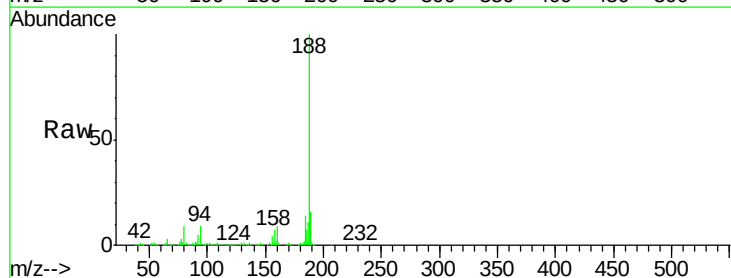
Instrument :
 BNA_G
 ClientSampleId :
 GW-2

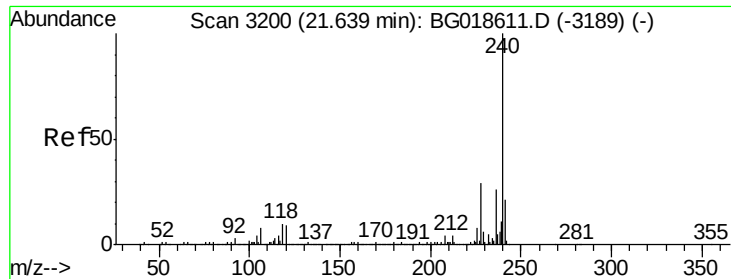
Tot Ion:184 Resp: 60
 Ion Ratio Lower Upper
 184 100
 63 0.0 42.7 64.1#
 154 0.0 44.3 66.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG018731.D
 Acq: 17 Sep 2015 7:03

Tgt Ion:188 Resp: 388966
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.7 11.5
 80 9.1 7.8 11.8

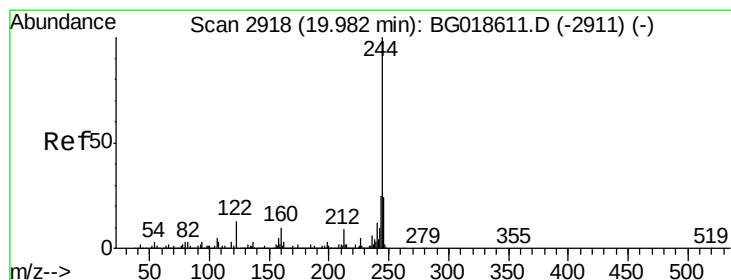
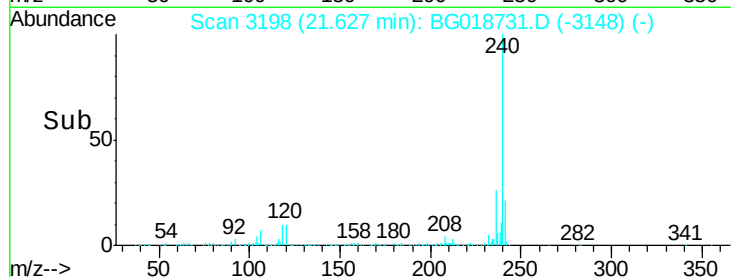
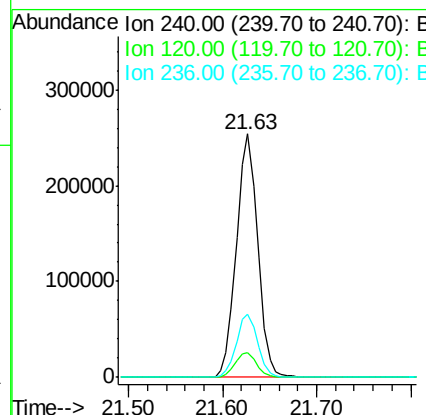
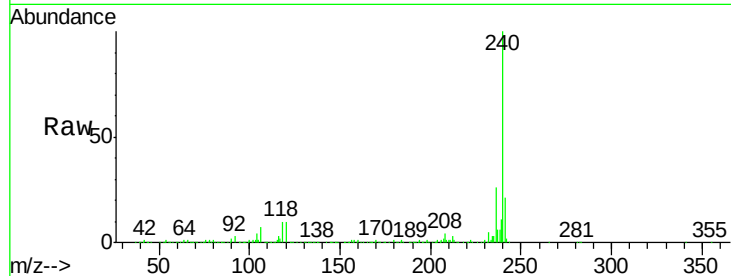




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018731.D
Acq: 17 Sep 2015 7:03

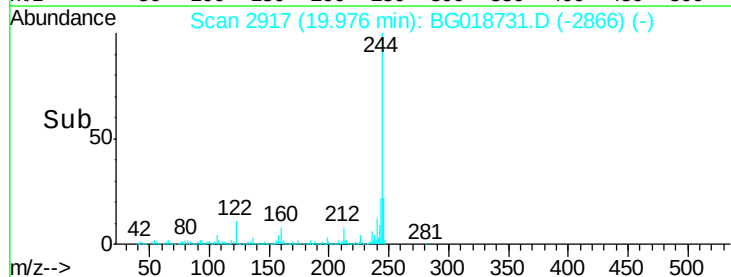
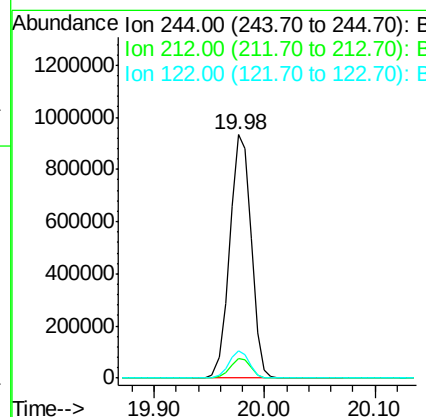
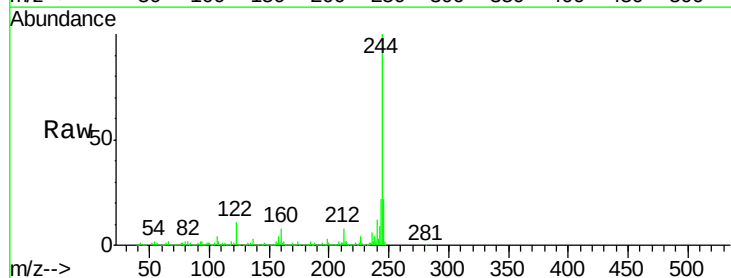
Instrument :
BNA_G
ClientSampleId :
GW-2

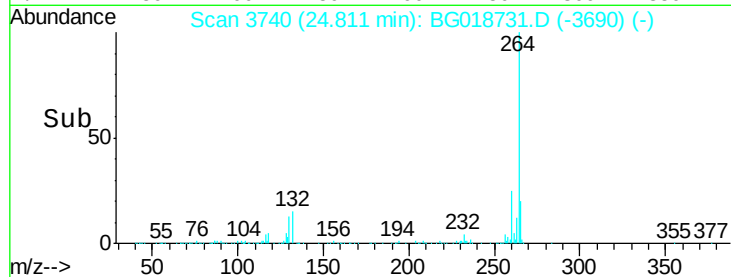
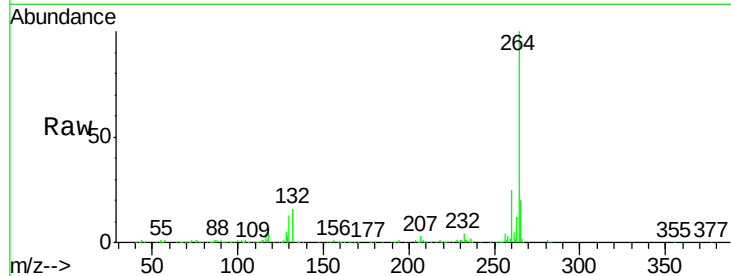
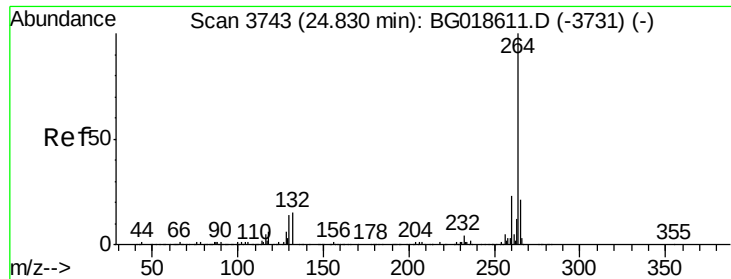
Tot Ion:240 Resp: 400896
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 26.0 20.7 31.1



#78
Terphenyl-d14
Concen: 83.61 ng
RT: 19.98 min Scan# 2917
Delta R.T. 0.00 min
Lab File: BG018731.D
Acq: 17 Sep 2015 7:03

Tgt Ion:244 Resp: 1276428
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 11.3 10.2 15.2





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3740
Delta R.T. -0.01 min
Lab File: BG018731.D
Acq: 17 Sep 2015 7:03

Instrument :
BNA_G
ClientSampleId :
GW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.5	27.7
265	20.2	17.2	25.8

