

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018748.D
 Acq On : 17 Sep 2015 21:43
 Operator : TP
 Sample : G3663-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-2

Quant Time: Sep 18 02:50:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

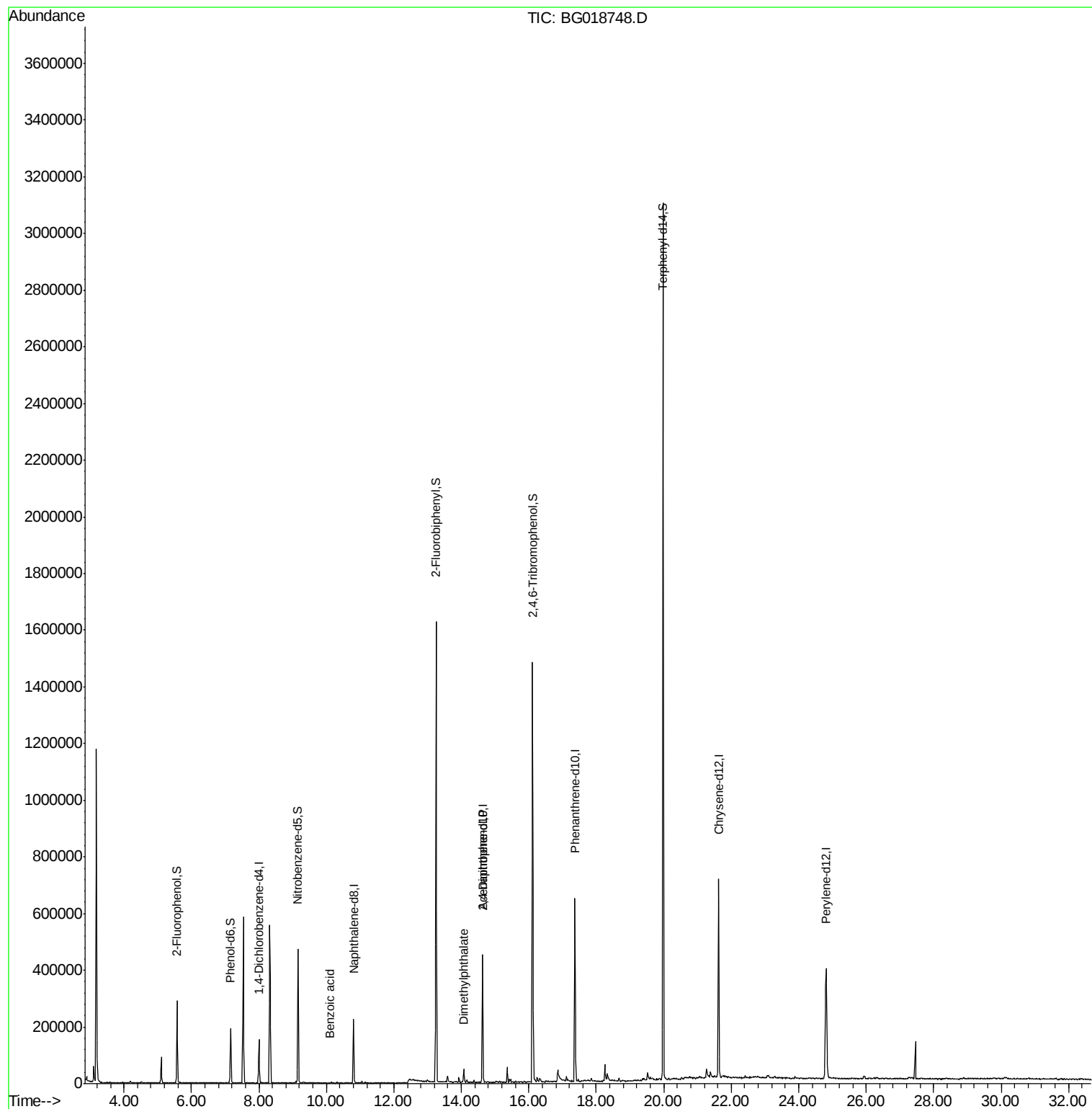
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	47065	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	207110	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	151864	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	418757	20.00	ng	0.00
75) Chrysene-d12	21.62	240	424866	20.00	ng	0.00
86) Perylene-d12	24.81	264	424793	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	146093	53.62	ng	0.00
7) Phenol-d6	7.16	99	129946	33.26	ng	0.00
23) Nitrobenzene-d5	9.16	82	298767	80.72	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	299706	146.57	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	874802	79.96	ng	0.00
78) Terphenyl-d14	19.98	244	1338363	82.72	ng	0.00
Target Compounds						
32) Benzoic acid	10.10	122	103	7.96	ng	# 33
49) Dimethylphthalate	14.07	163	32679	2.60	ng	97
53) 2,4-Dinitrophenol	14.62	184	63	7.69	ng	# 1

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

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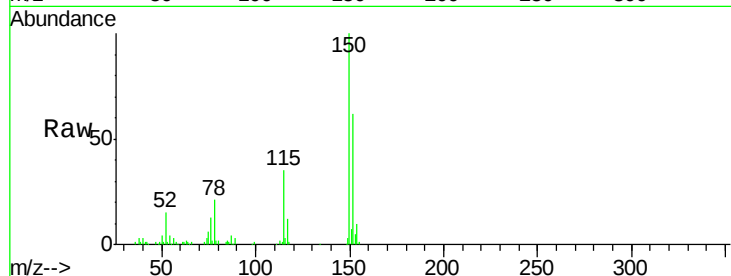


#1

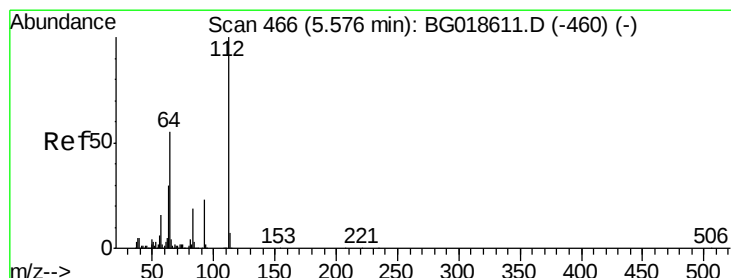
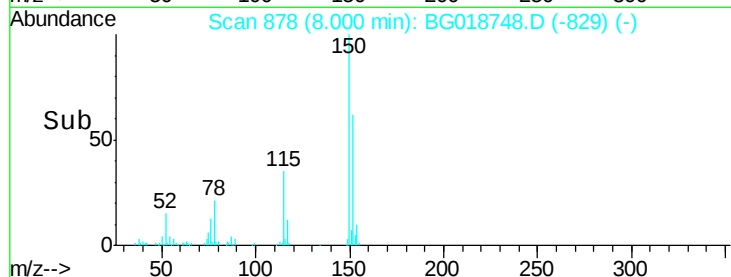
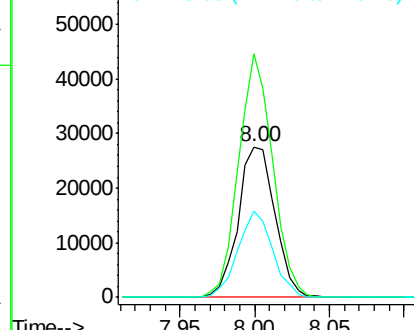
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 878
Delta R.T. -0.01 min
Lab File: BG018748.D
Acq: 17 Sep 2015 21:43

Instrument :
BNA_G
ClientSampleId :
GW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	115.0	172.4
115	57.3	43.9	65.9



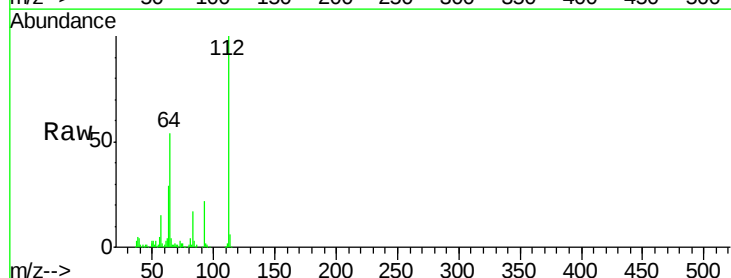
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



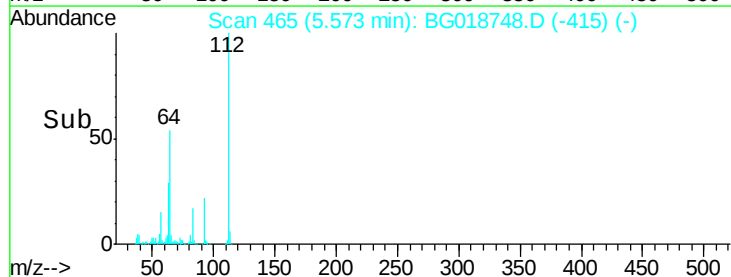
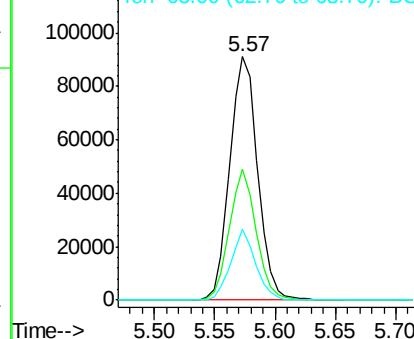
#5

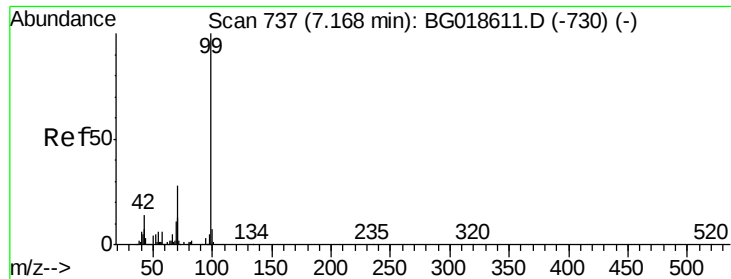
2-Fluorophenol
Concen: 53.62 ng
RT: 5.57 min Scan# 465
Delta R.T. -0.00 min
Lab File: BG018748.D
Acq: 17 Sep 2015 21:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.7	65.5
63	29.0	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: 33.26 ng

RT: 7.16 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG018748.D

Acq: 17 Sep 2015 21:43

Instrument :

BNA_G

ClientSampled :

GW-2

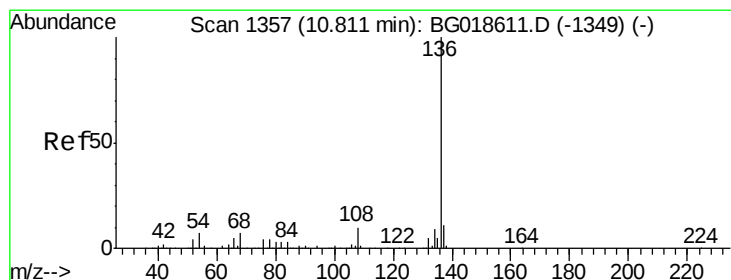
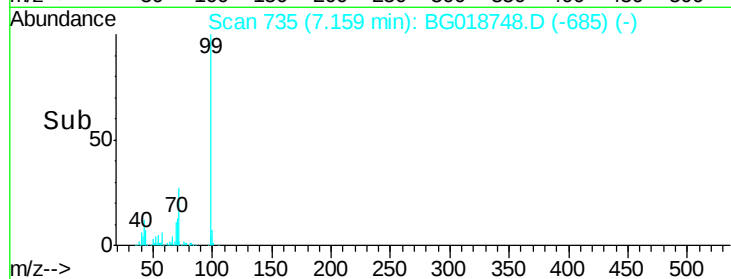
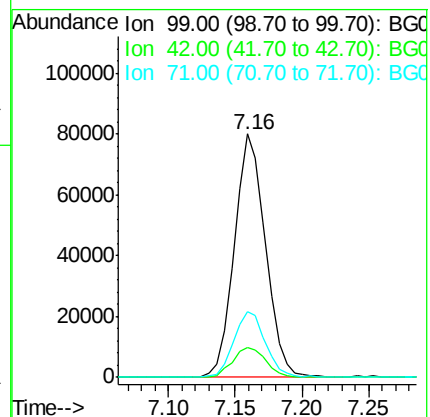
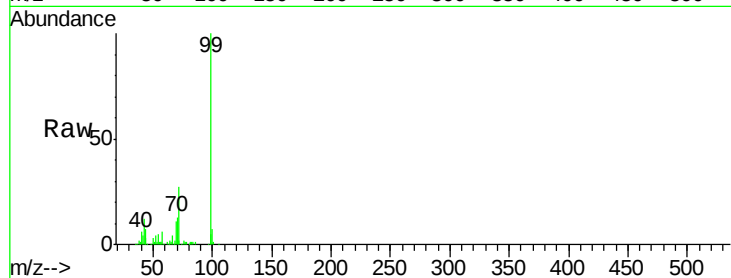
Tot Ion: 99 Resp: 129946

Ion Ratio Lower Upper

99 100

42 12.2 11.5 17.3

71 27.2 22.6 34.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.80 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BG018748.D

Acq: 17 Sep 2015 21:43

Tgt Ion: 136 Resp: 207110

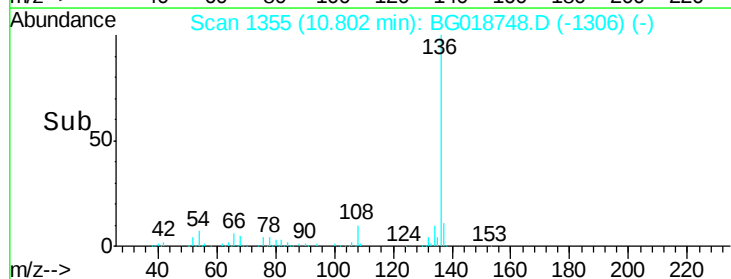
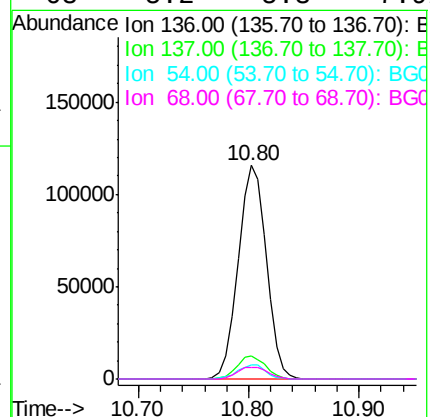
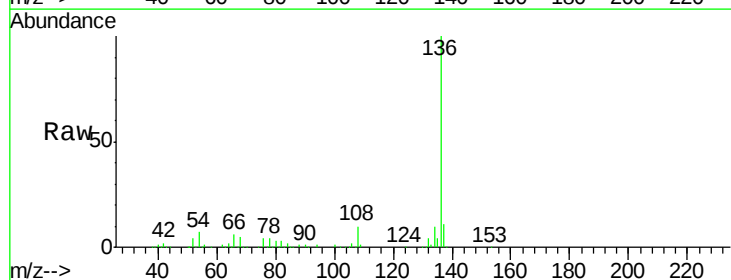
Ion Ratio Lower Upper

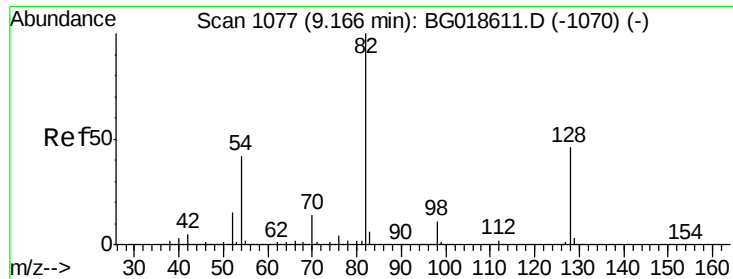
136 100

137 11.0 8.6 12.8

54 6.8 5.4 8.2

68 5.2 5.3 7.9#

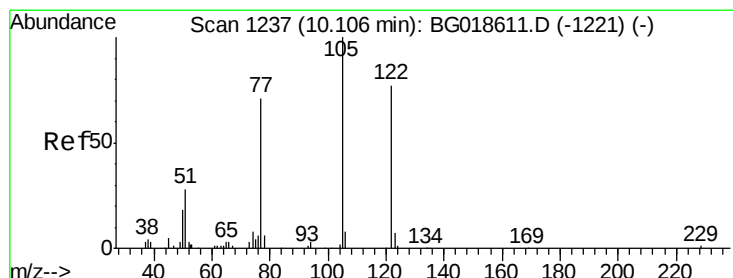
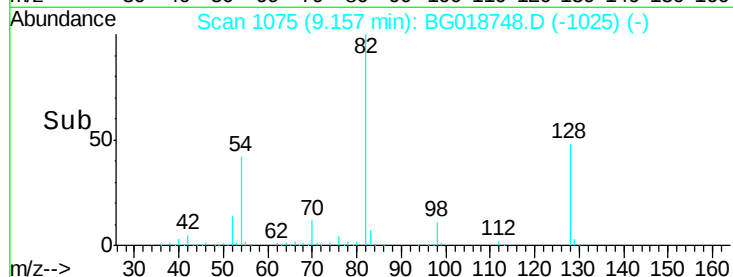
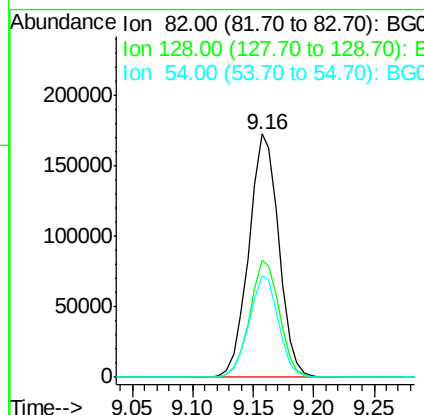
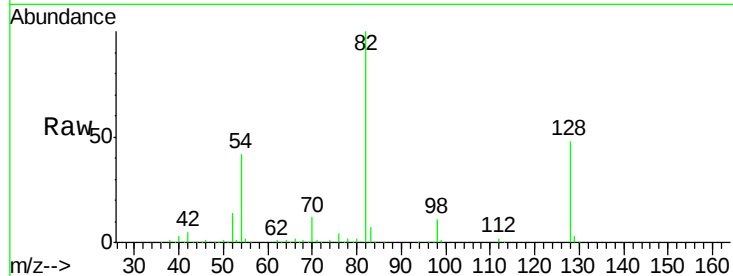




#23
Nitrobenzene-d5
Concen: 80.72 ng
RT: 9.16 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BG018748.D
Acq: 17 Sep 2015 21:43

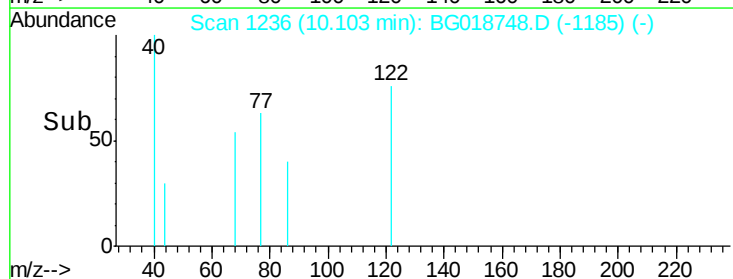
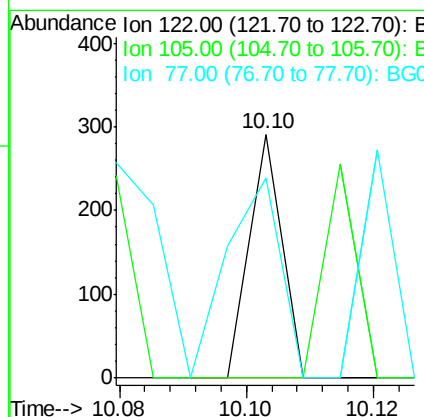
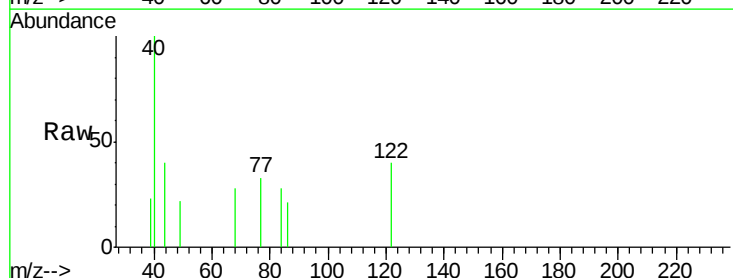
Instrument :
BNA_G
ClientSampleId :
GW-2

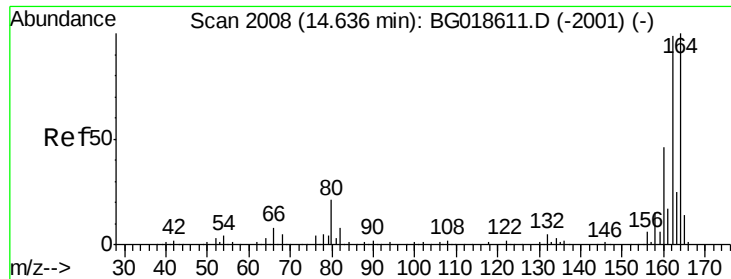
Tot Ion: 82 Resp: 298767
Ion Ratio Lower Upper
82 100
128 47.8 36.7 55.1
54 41.6 33.8 50.8



#32
Benzoic acid
Concen: 7.96 ng
RT: 10.10 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BG018748.D
Acq: 17 Sep 2015 21:43

Tgt Ion: 122 Resp: 103
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 82.1 68.8 108.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG018748.D

Acq: 17 Sep 2015 21:43

Instrument :

BNA_G

ClientSampled :

GW-2

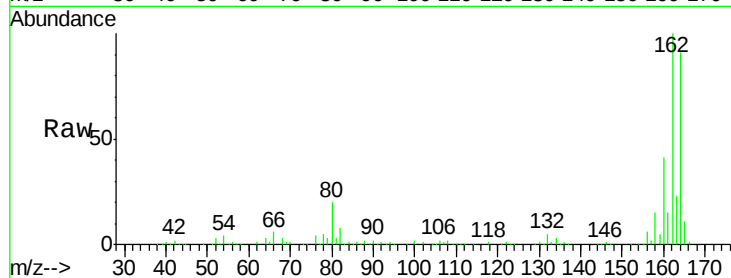
Tot Ion:164 Resp: 151864

Ion Ratio Lower Upper

164 100

162 109.8 78.8 118.2

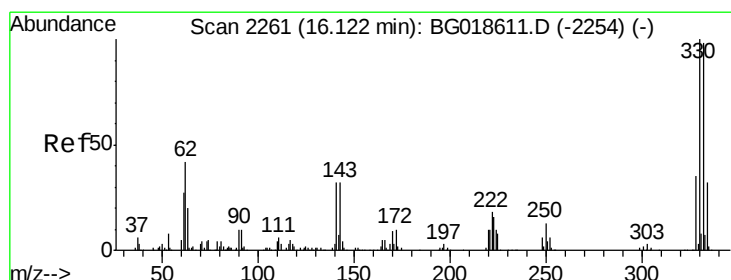
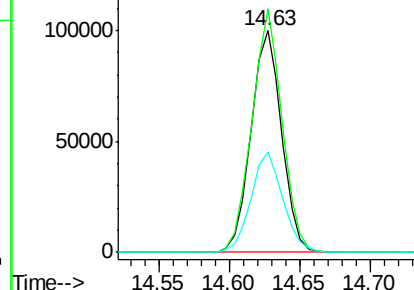
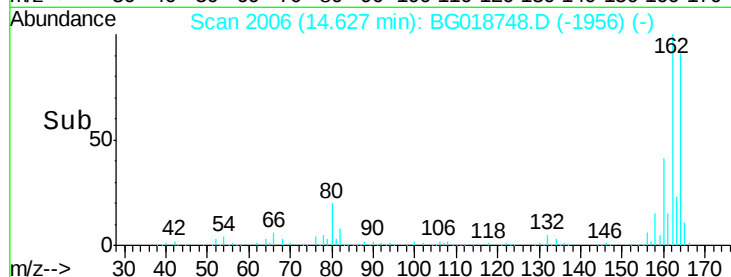
160 45.5 36.4 54.6



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: 146.57 ng

RT: 16.11 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG018748.D

Acq: 17 Sep 2015 21:43

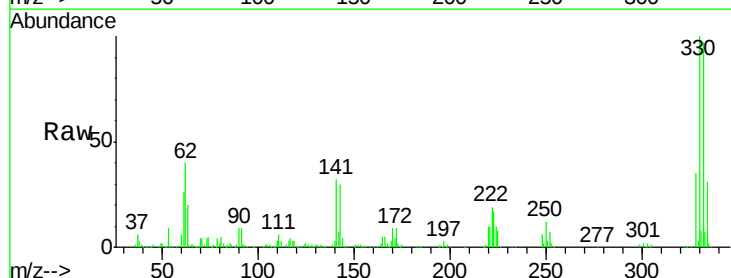
Tgt Ion:330 Resp: 299706

Ion Ratio Lower Upper

330 100

332 94.8 78.1 117.1

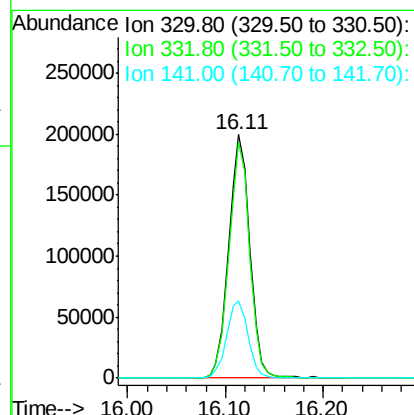
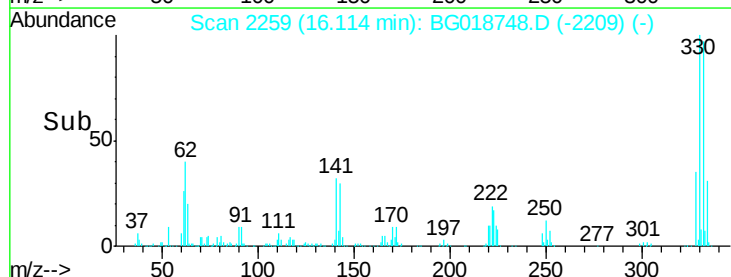
141 32.2 28.2 42.2



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

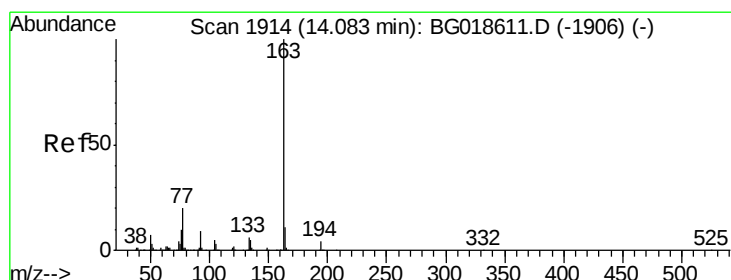
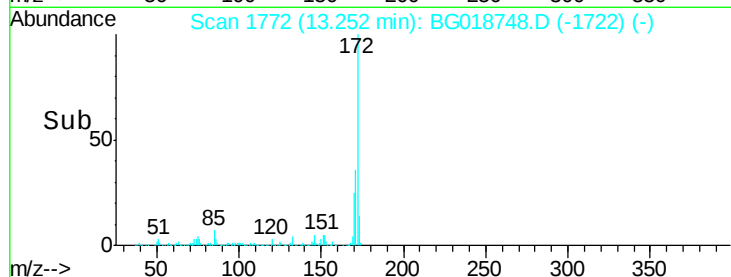
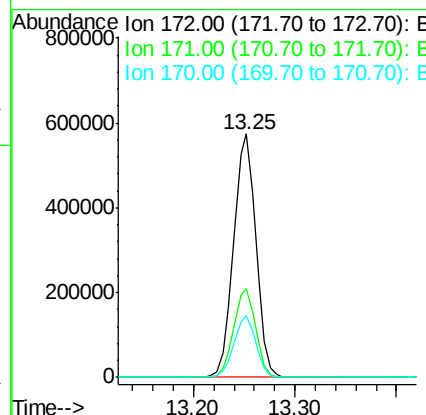
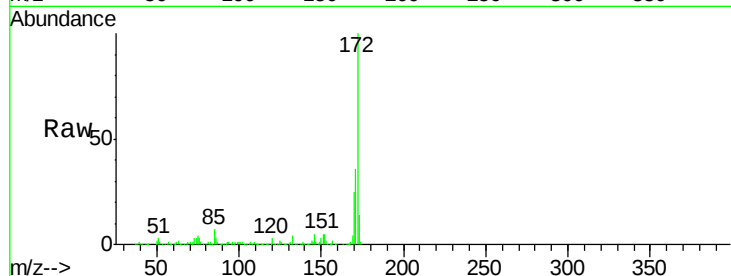




#44
2-Fluorobiphenyl
Concen: 79.96 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG018748.D
Acq: 17 Sep 2015 21:43

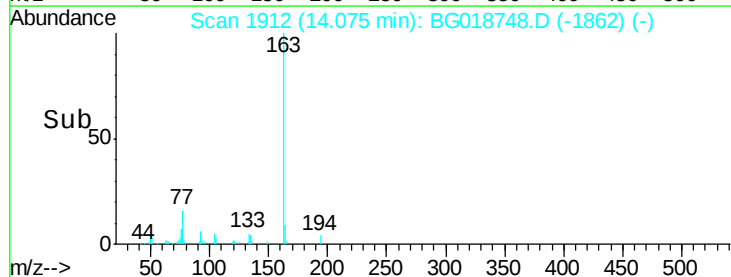
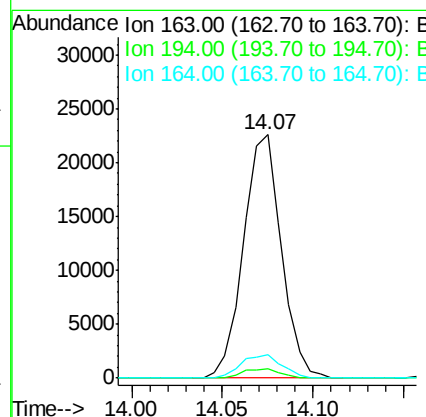
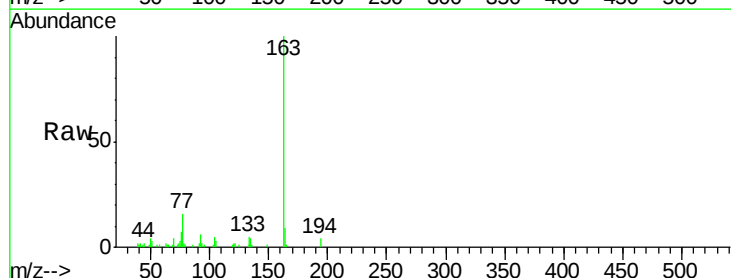
Instrument :
BNA_G
ClientSampleId :
GW-2

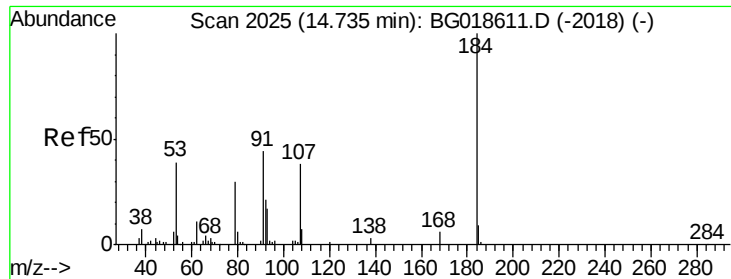
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	25.3	19.9	29.9



#49
Dimethylphthalate
Concen: 2.60 ng
RT: 14.07 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BG018748.D
Acq: 17 Sep 2015 21:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.5	8.8	13.2

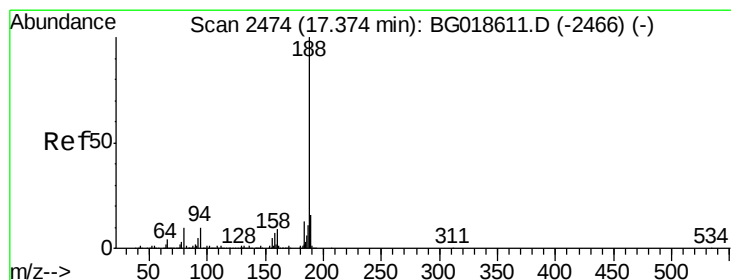
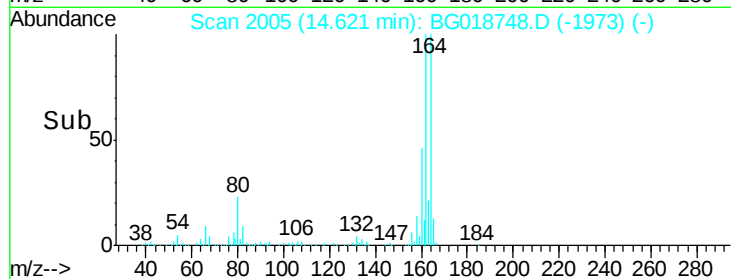
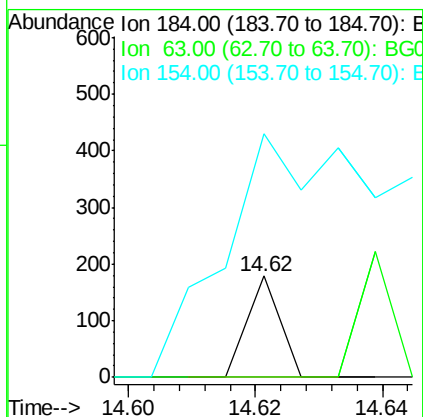
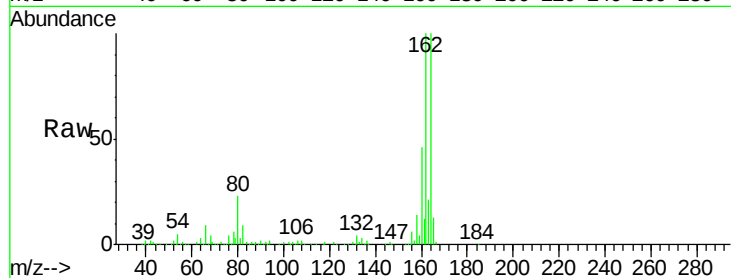




#53
 2,4-Dinitrophenol
 Concen: 7.69 ng
 RT: 14.62 min Scan# 2005
 Delta R.T. -0.11 min
 Lab File: BG018748.D
 Acq: 17 Sep 2015 21:43

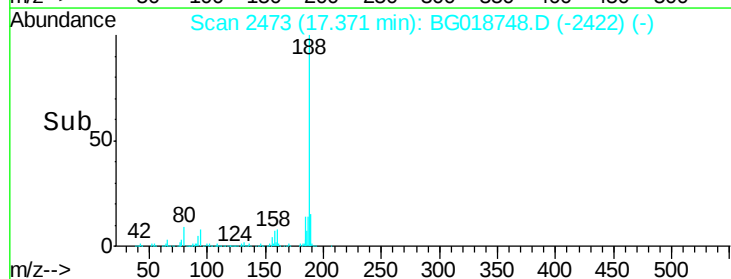
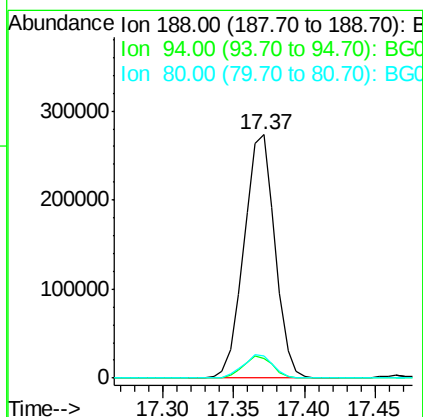
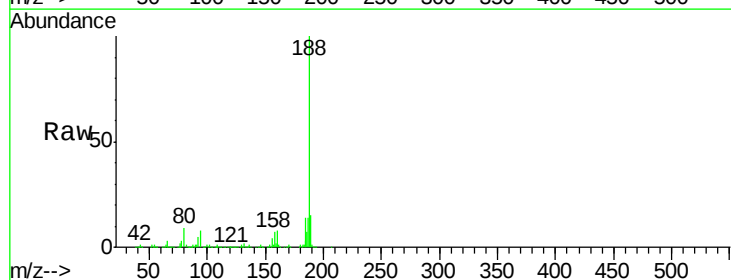
Instrument :
 BNA_G
 ClientSampleId :
 GW-2

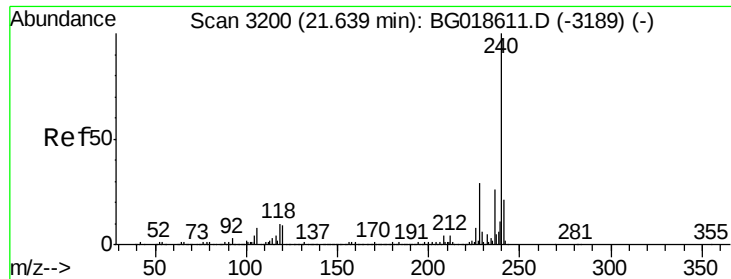
Tot Ion:184 Resp: 63
 Ion Ratio Lower Upper
 184 100
 63 0.0 42.7 64.1#
 154 240.2 44.3 66.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BG018748.D
 Acq: 17 Sep 2015 21:43

Tgt Ion:188 Resp: 418757
 Ion Ratio Lower Upper
 188 100
 94 8.2 7.7 11.5
 80 9.0 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: BG018748.D

Acq: 17 Sep 2015 21:43

Instrument :

BNA_G

ClientSampleId :

GW-2

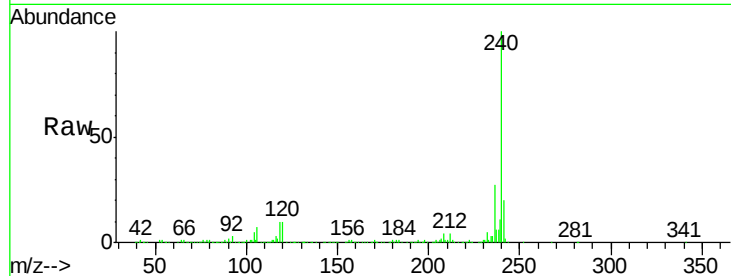
Tot Ion:240 Resp: 424866

Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.0

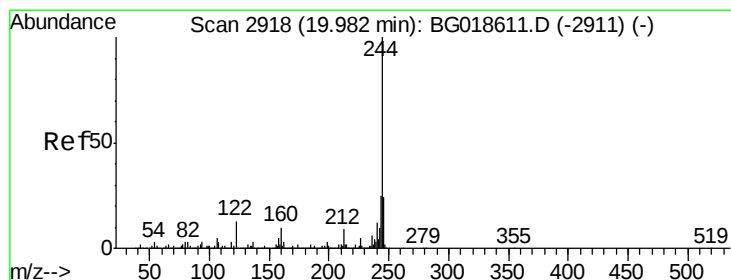
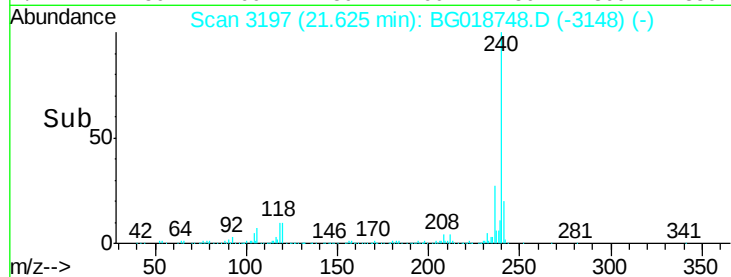
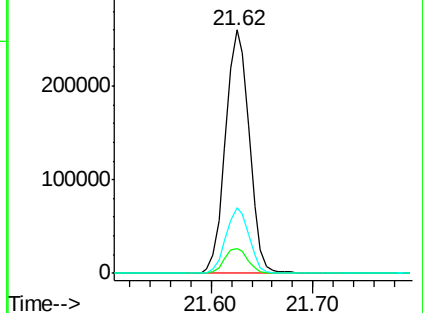
236 26.8 20.7 31.1



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: 82.72 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG018748.D

Acq: 17 Sep 2015 21:43

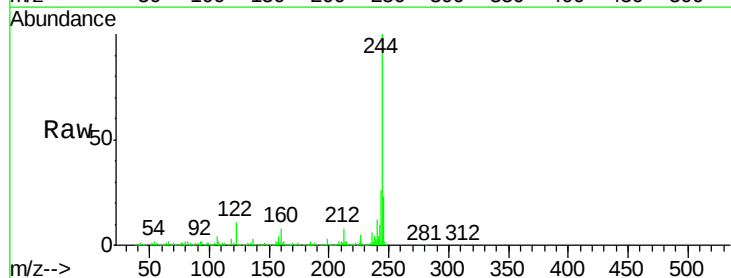
Tgt Ion:244 Resp: 1338363

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

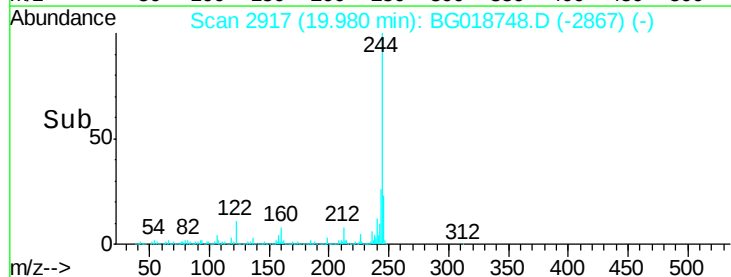
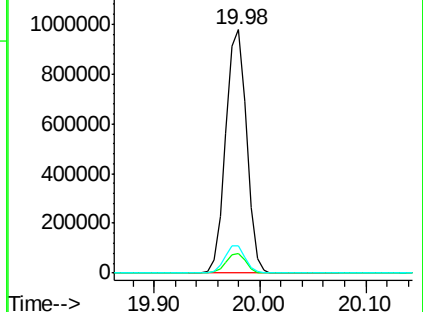
122 11.0 10.2 15.2

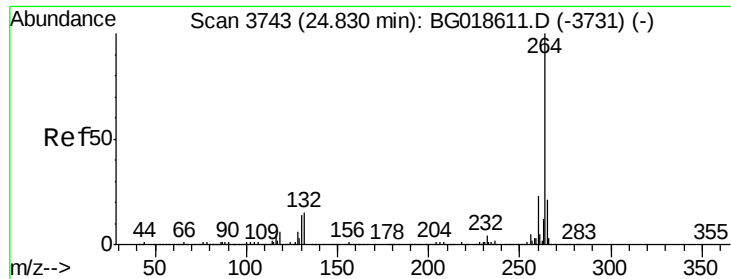


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3739
 Delta R.T. -0.02 min
 Lab File: BG018748.D
 Acq: 17 Sep 2015 21:43

Instrument :
 BNA_G
 ClientSampleId :
 GW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	22.5	17.2	25.8

