

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091215\
 Data File : BG018650.D
 Acq On : 11 Sep 2015 21:59
 Operator : UM/IZ
 Sample : G3612-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-19

Quant Time: Sep 12 00:56:50 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

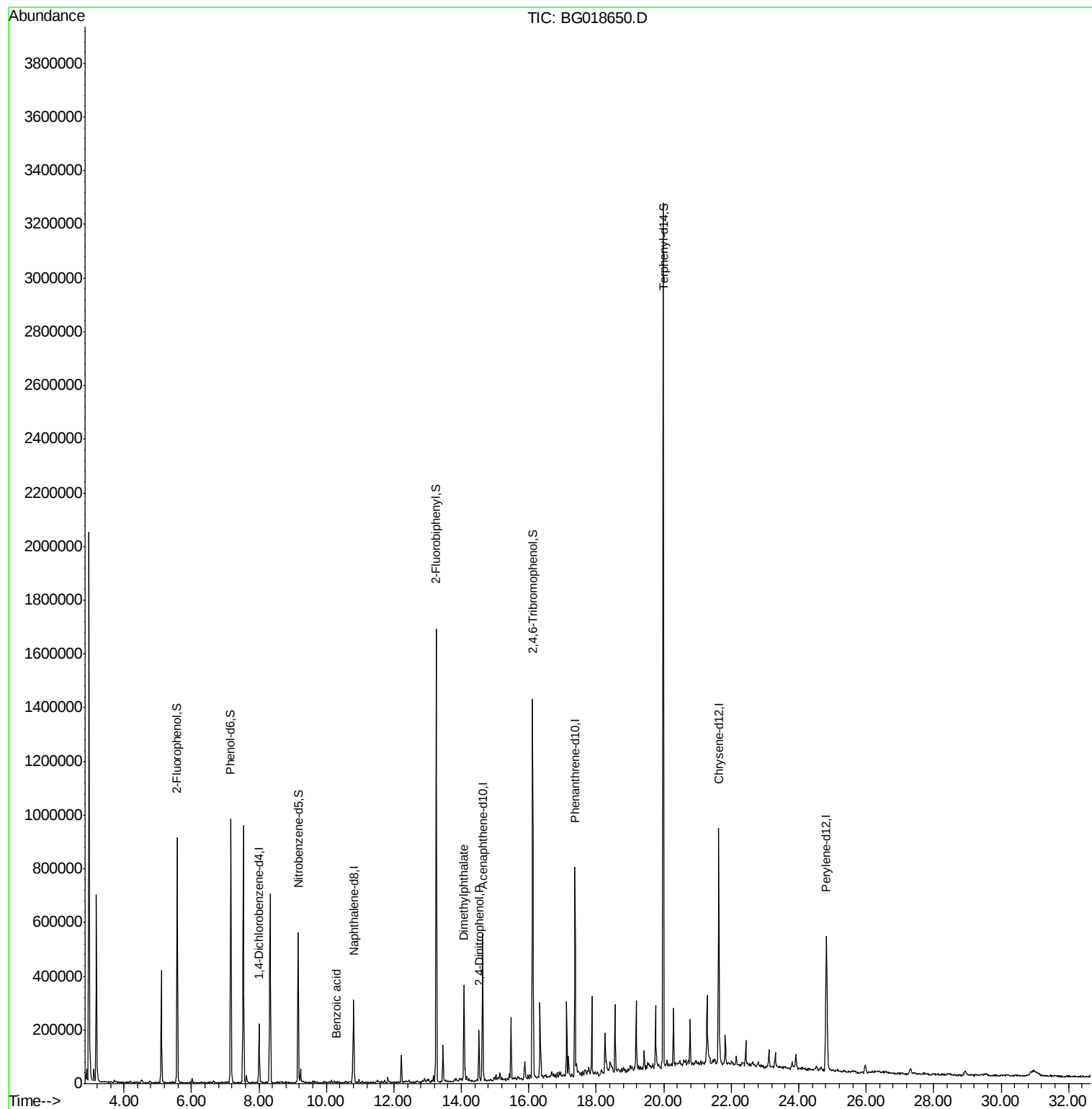
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	65690	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	271829	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	183587	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	493007	20.00	ng	0.00
75) Chrysene-d12	21.63	240	516873	20.00	ng	0.00
86) Perylene-d12	24.82	264	522191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	441414	116.08	ng	0.00
7) Phenol-d6	7.17	99	635253	116.51	ng	0.00
23) Nitrobenzene-d5	9.16	82	357168	73.52	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	275514	111.45	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	913901	69.10	ng	0.00
78) Terphenyl-d14	19.99	244	1406780	71.47	ng	0.00
Target Compounds						
32) Benzoic acid	10.29	122	67	7.95	ng	Qvalue # 1
49) Dimethylphthalate	14.07	163	245250	16.13	ng	98
53) 2,4-Dinitrophenol	14.53	184	59	7.68	ng	# 1

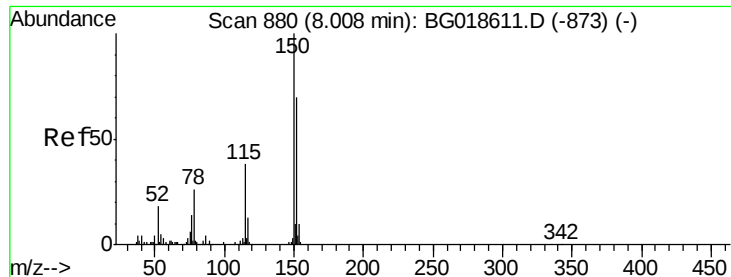
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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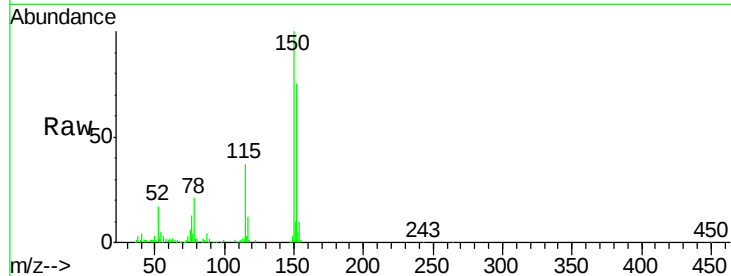


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG018650.D
Acq: 11 Sep 2015 21:59

Instrument :
BNA_G
ClientSampleId :
B-19

Tot Ion	Ratio	Lower	Upper
152	100		
150	133.5	115.0	172.4
115	49.3	43.9	65.9

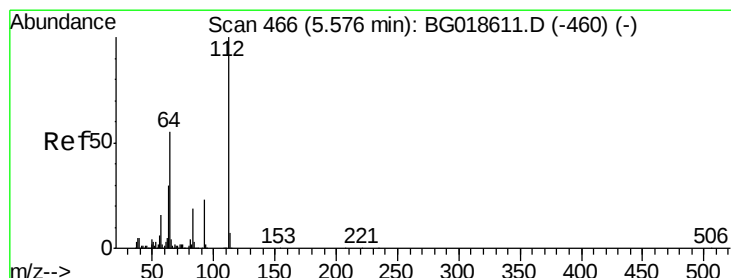
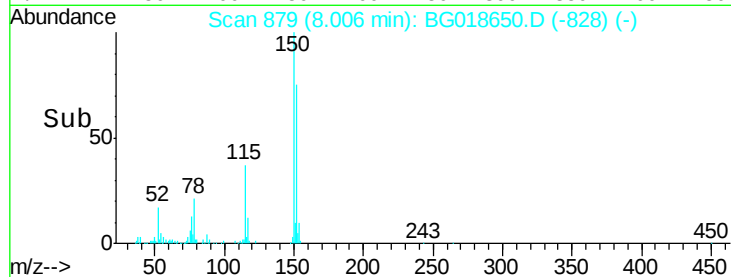
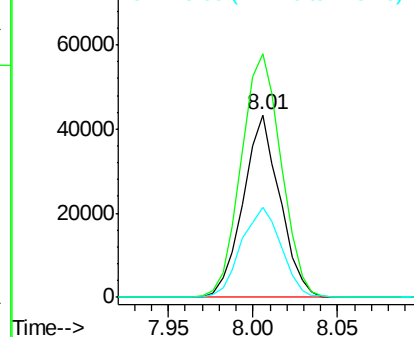


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

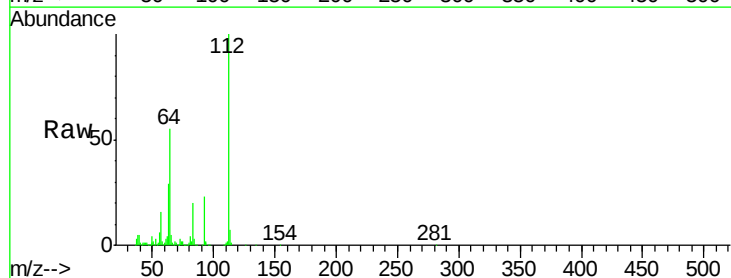
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.08 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018650.D
Acq: 11 Sep 2015 21:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.7	65.5
63	28.9	24.0	36.0

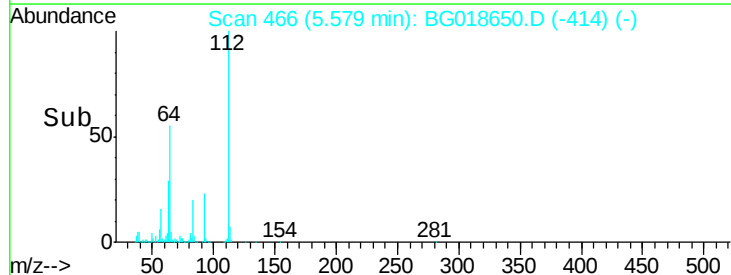
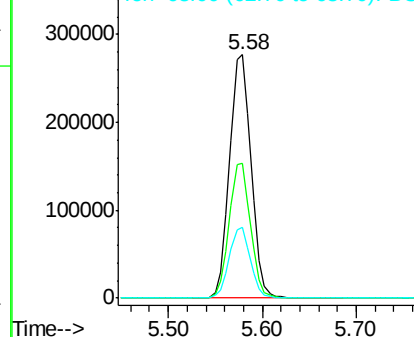


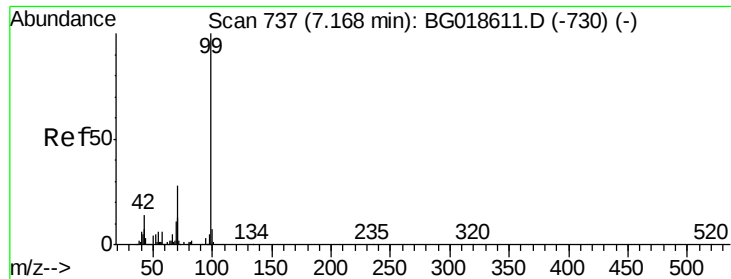
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 116.51 ng

RT: 7.17 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018650.D

Acq: 11 Sep 2015 21:59

Instrument :

BNA_G

ClientSampleId :

B-19

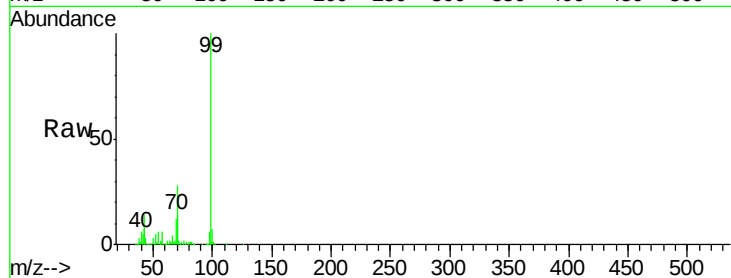
Tot Ion: 99 Resp: 635253

Ion Ratio Lower Upper

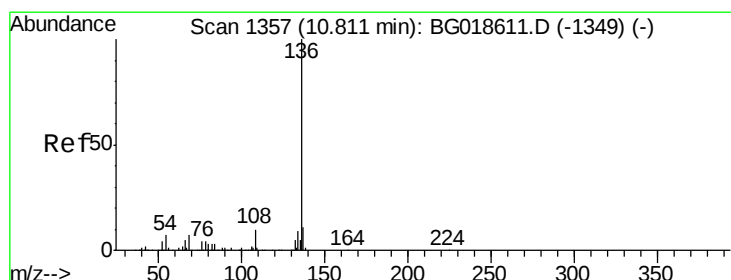
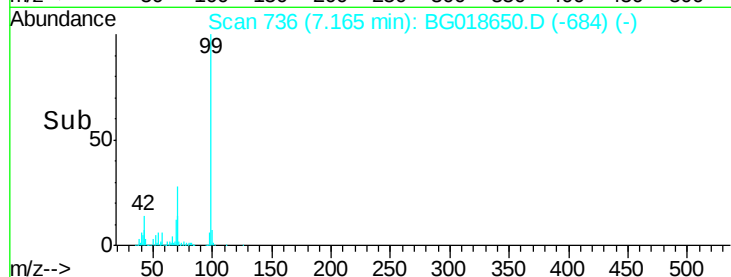
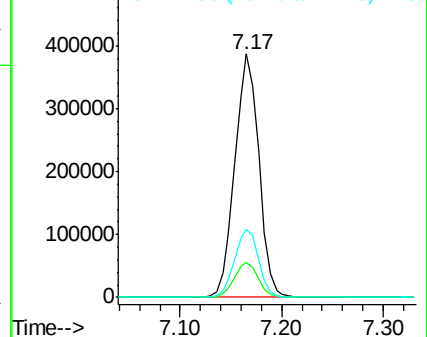
99 100

42 14.2 11.5 17.3

71 28.0 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: BG018650.D

Acq: 11 Sep 2015 21:59

Tgt Ion: 136 Resp: 271829

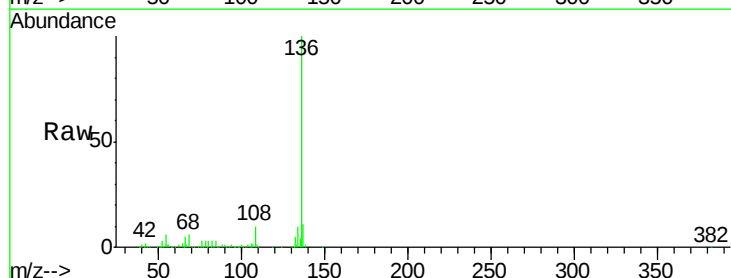
Ion Ratio Lower Upper

136 100

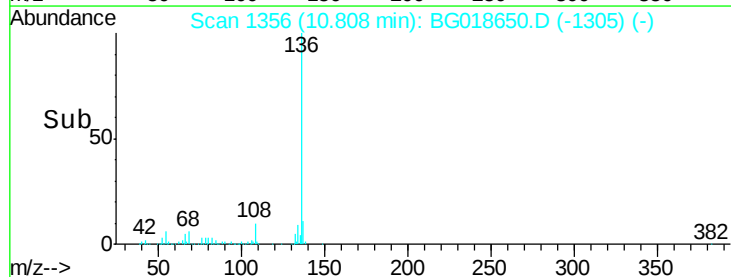
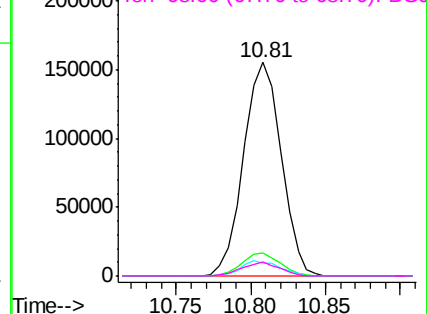
137 10.7 8.6 12.8

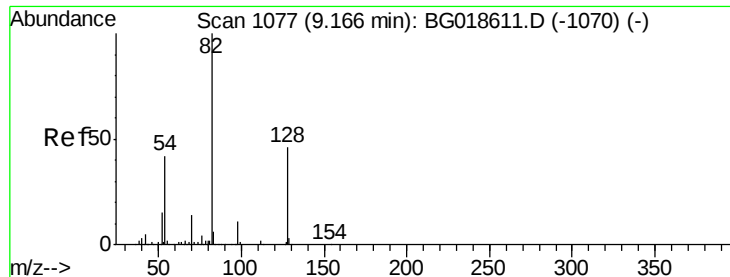
54 6.3 5.4 8.2

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

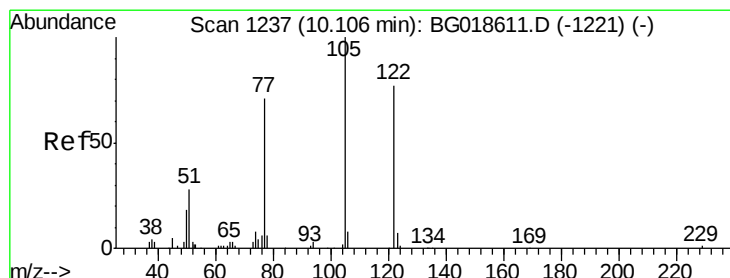
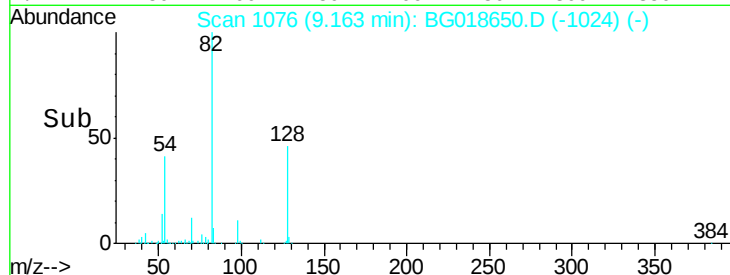
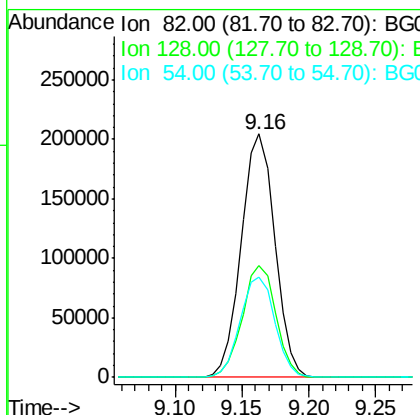
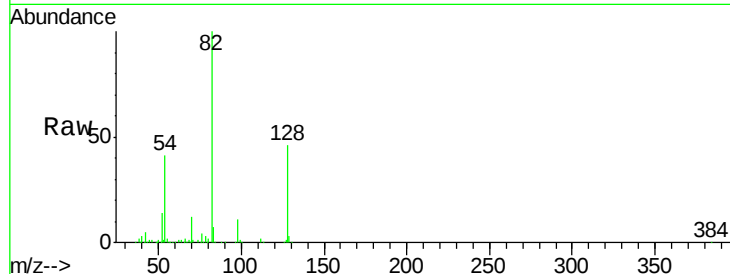




#23
 Nitrobenzene-d5
 Concen: 73.52 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG018650.D
 Acq: 11 Sep 2015 21:59

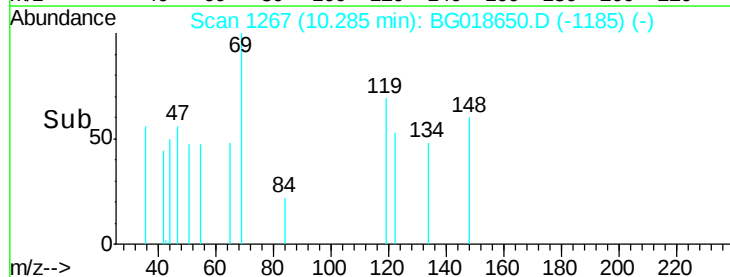
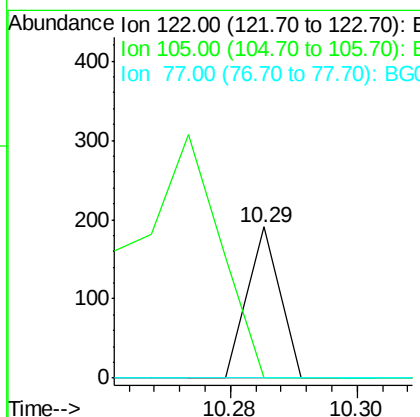
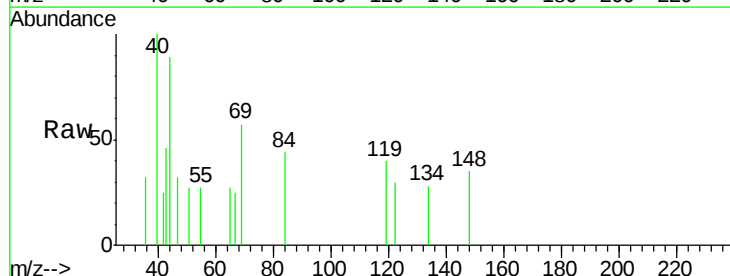
Instrument :
 BNA_G
 ClientSampleId :
 B-19

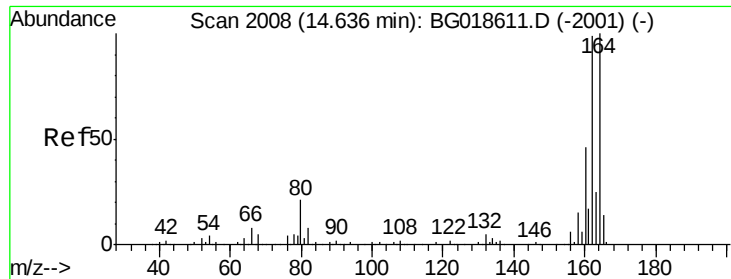
Tot Ion: 82 Resp: 357168
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.7 55.1
 54 41.2 33.8 50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 10.29 min Scan# 1267
 Delta R.T. 0.18 min
 Lab File: BG018650.D
 Acq: 11 Sep 2015 21:59

Tgt Ion: 122 Resp: 67
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.8 143.8#
 77 0.0 68.8 108.8#

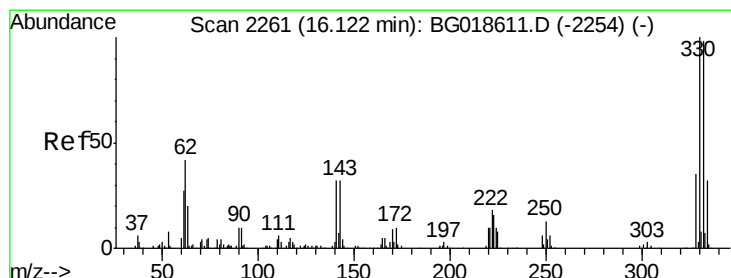
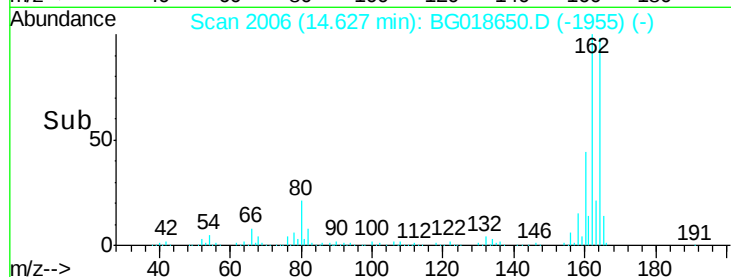
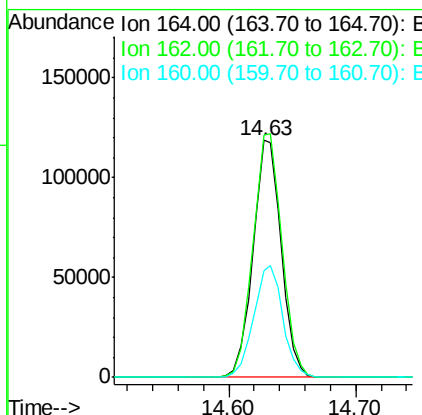
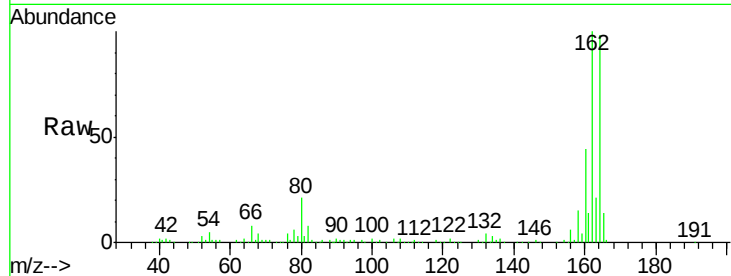




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG018650.D
Acq: 11 Sep 2015 21:59

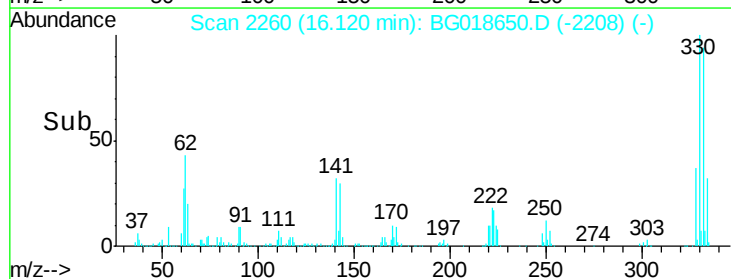
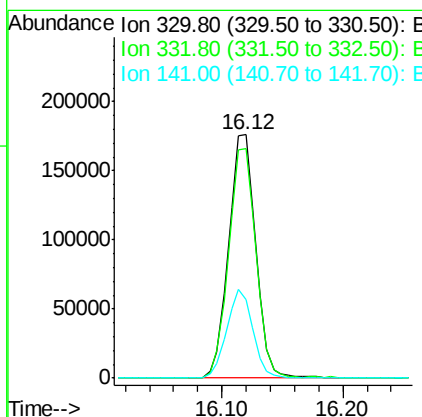
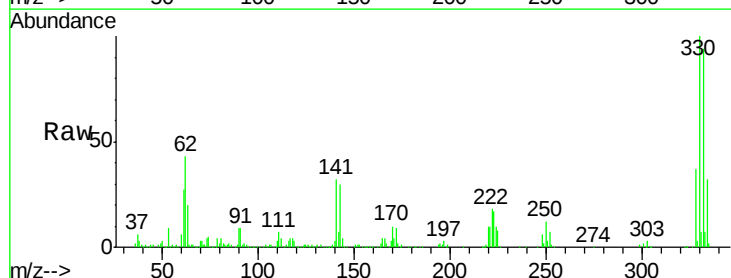
Instrument :
BNA_G
ClientSampleId :
B-19

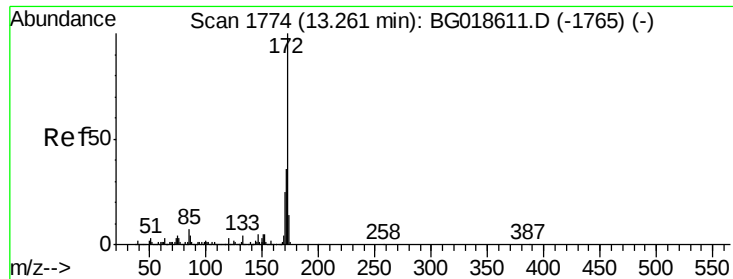
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	44.8	36.4	54.6



#41
2,4,6-Tribromophenol
Concen: 111.45 ng
RT: 16.12 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG018650.D
Acq: 11 Sep 2015 21:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.1	117.1
141	35.1	28.2	42.2

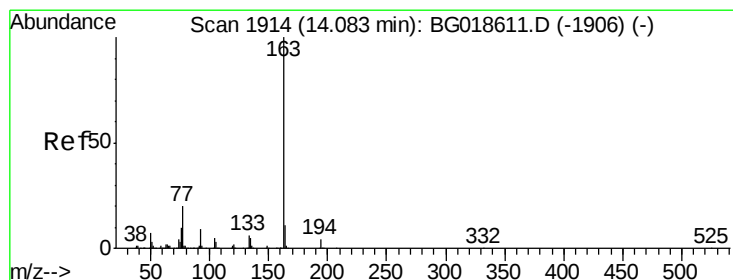
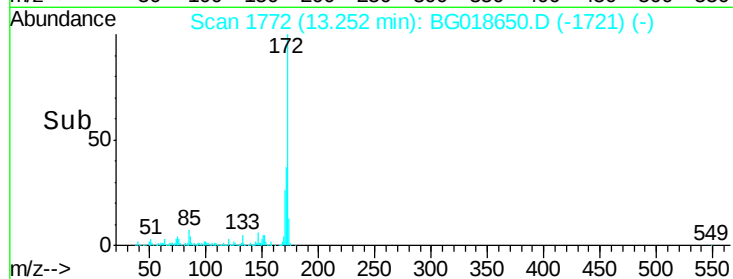
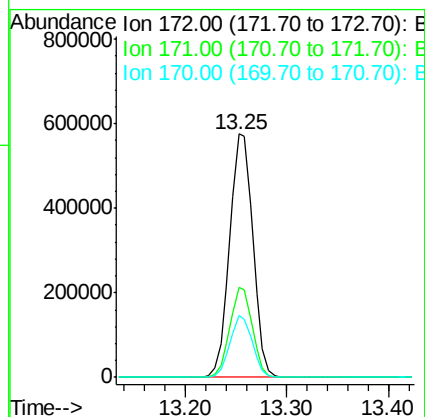
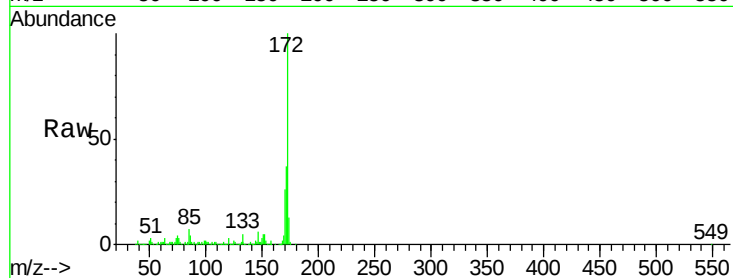




#44
2-Fluorobiphenyl
Concen: 69.10 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG018650.D
Acq: 11 Sep 2015 21:59

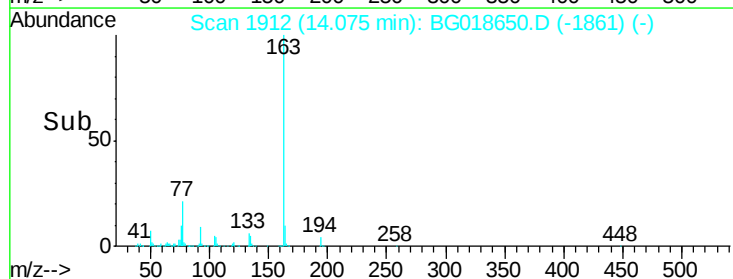
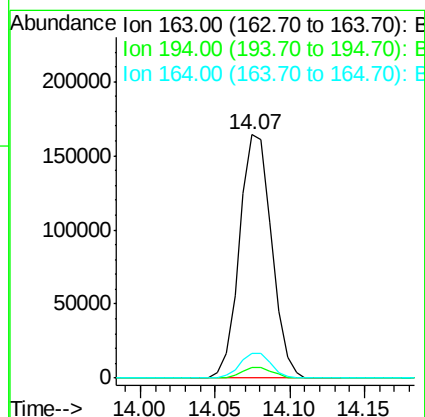
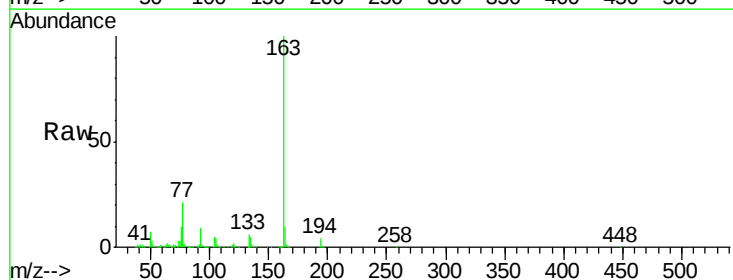
Instrument :
BNA_G
ClientSampleId :
B-19

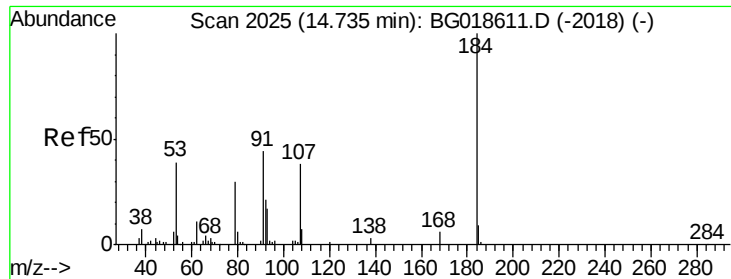
Tot Ion:172 Resp: 913901
Ion Ratio Lower Upper
172 100
171 37.2 29.0 43.6
170 25.6 19.9 29.9



#49
Dimethylphthalate
Concen: 16.13 ng
RT: 14.07 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BG018650.D
Acq: 11 Sep 2015 21:59

Tgt Ion:163 Resp: 245250
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.2 8.8 13.2

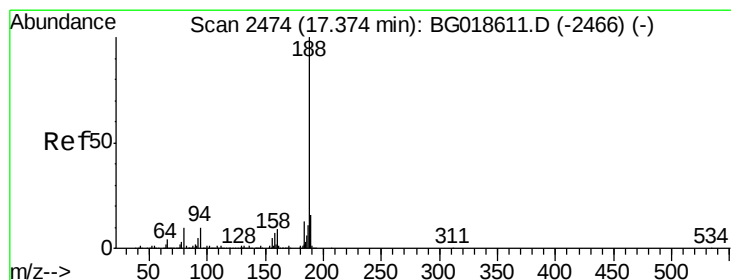
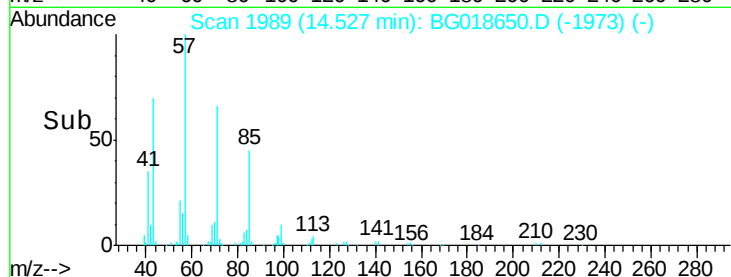
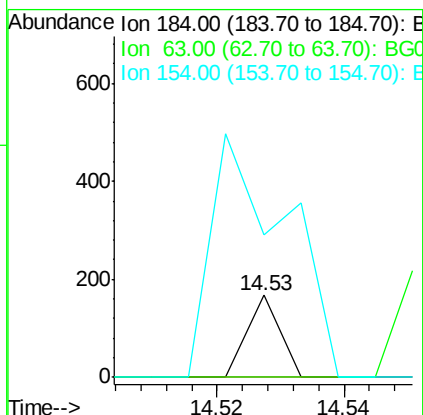
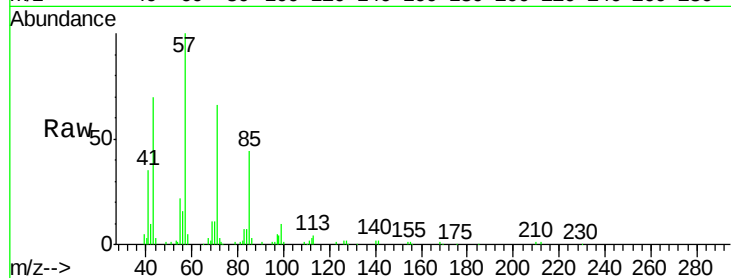




#53
2,4-Dinitrophenol
Concen: 7.68 ng
RT: 14.53 min Scan# 1989
Delta R.T. -0.21 min
Lab File: BG018650.D
Acq: 11 Sep 2015 21:59

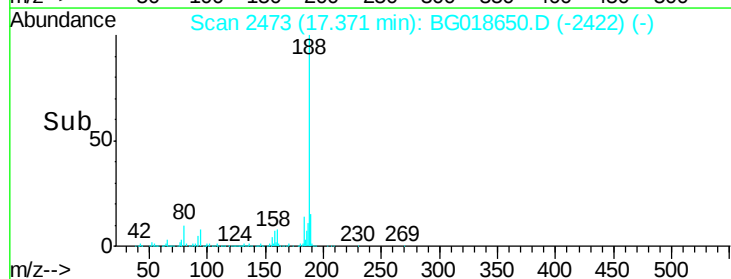
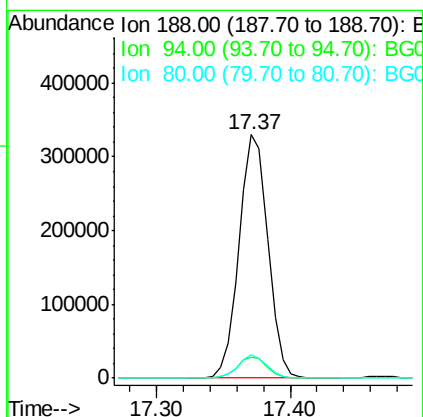
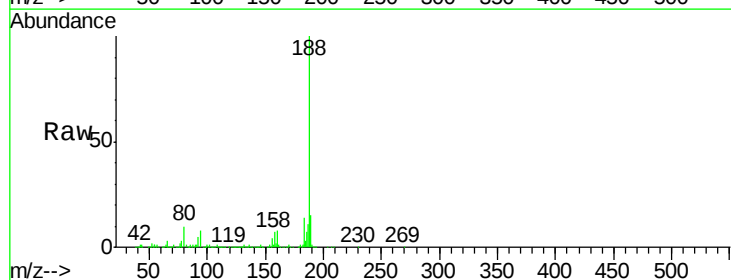
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BNA_G
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B-19

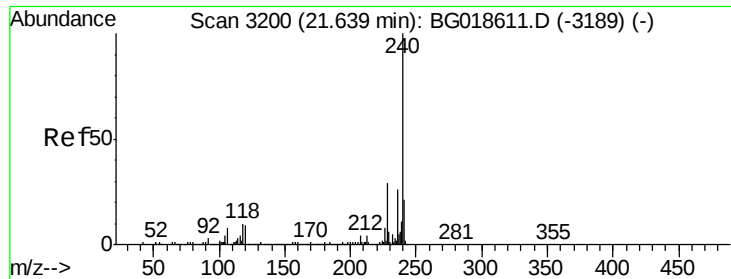
Tot Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 42.7 64.1#
154 173.7 44.3 66.5#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BG018650.D
Acq: 11 Sep 2015 21:59

Tgt Ion:188 Resp: 493007
Ion Ratio Lower Upper
188 100
94 8.4 7.7 11.5
80 9.7 7.8 11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3198

Delta R.T. -0.00 min

Lab File: BG018650.D

Acq: 11 Sep 2015 21:59

Instrument :

BNA_G

ClientSampleId :

B-19

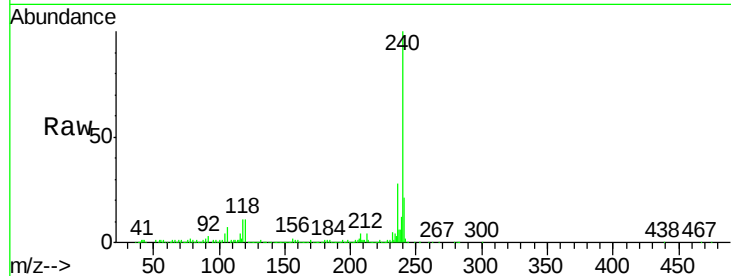
Tot Ion:240 Resp: 516873

Ion Ratio Lower Upper

240 100

120 10.9 7.4 11.0

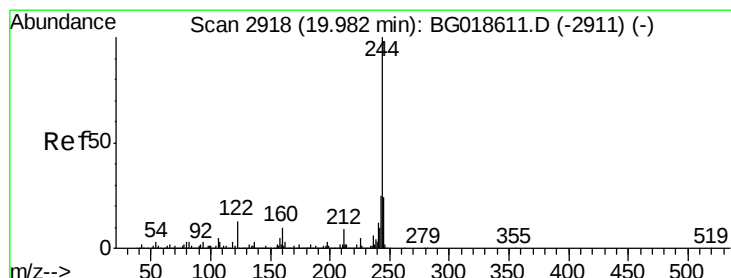
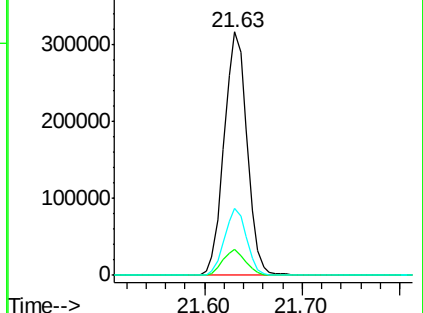
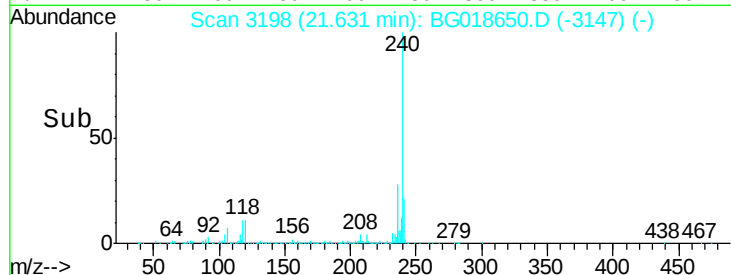
236 27.8 20.7 31.1



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: 71.47 ng

RT: 19.99 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018650.D

Acq: 11 Sep 2015 21:59

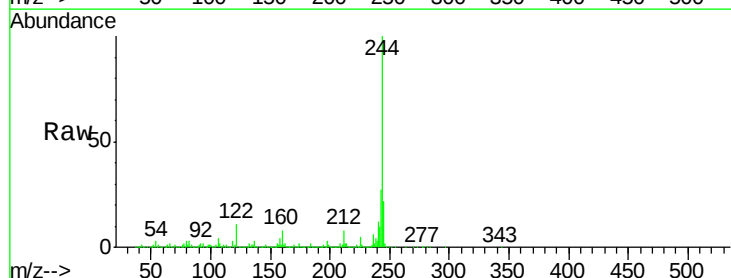
Tgt Ion:244 Resp: 1406780

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

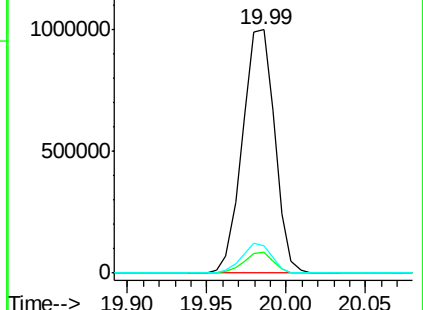
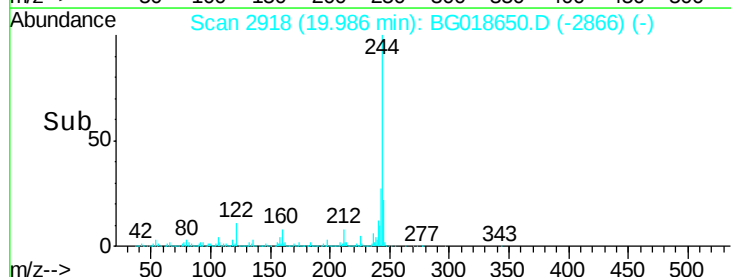
122 11.3 10.2 15.2

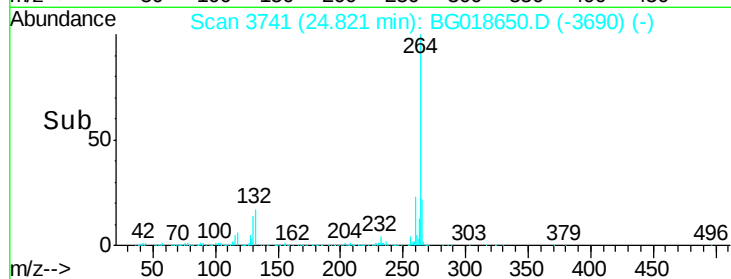
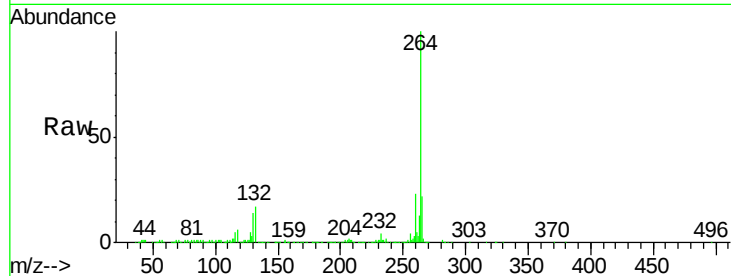
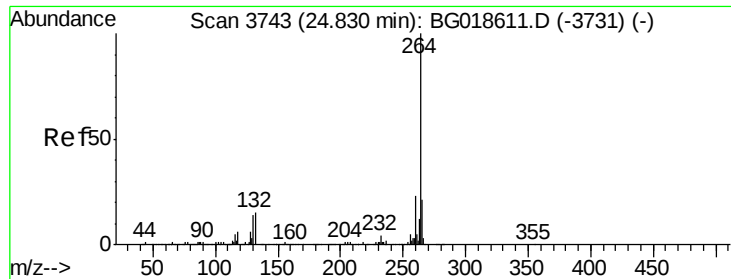


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3741
Delta R.T. -0.00 min
Lab File: BG018650.D
Acq: 11 Sep 2015 21:59

Instrument :
BNA_G
ClientSampleId :
B-19

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.8	17.2	25.8

