

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
 Data File : BG019159.D
 Acq On : 12 Oct 2015 13:02
 Operator : UM/NP
 Sample : G3989-02
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C4-GW

Quant Time: Oct 13 01:04:45 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

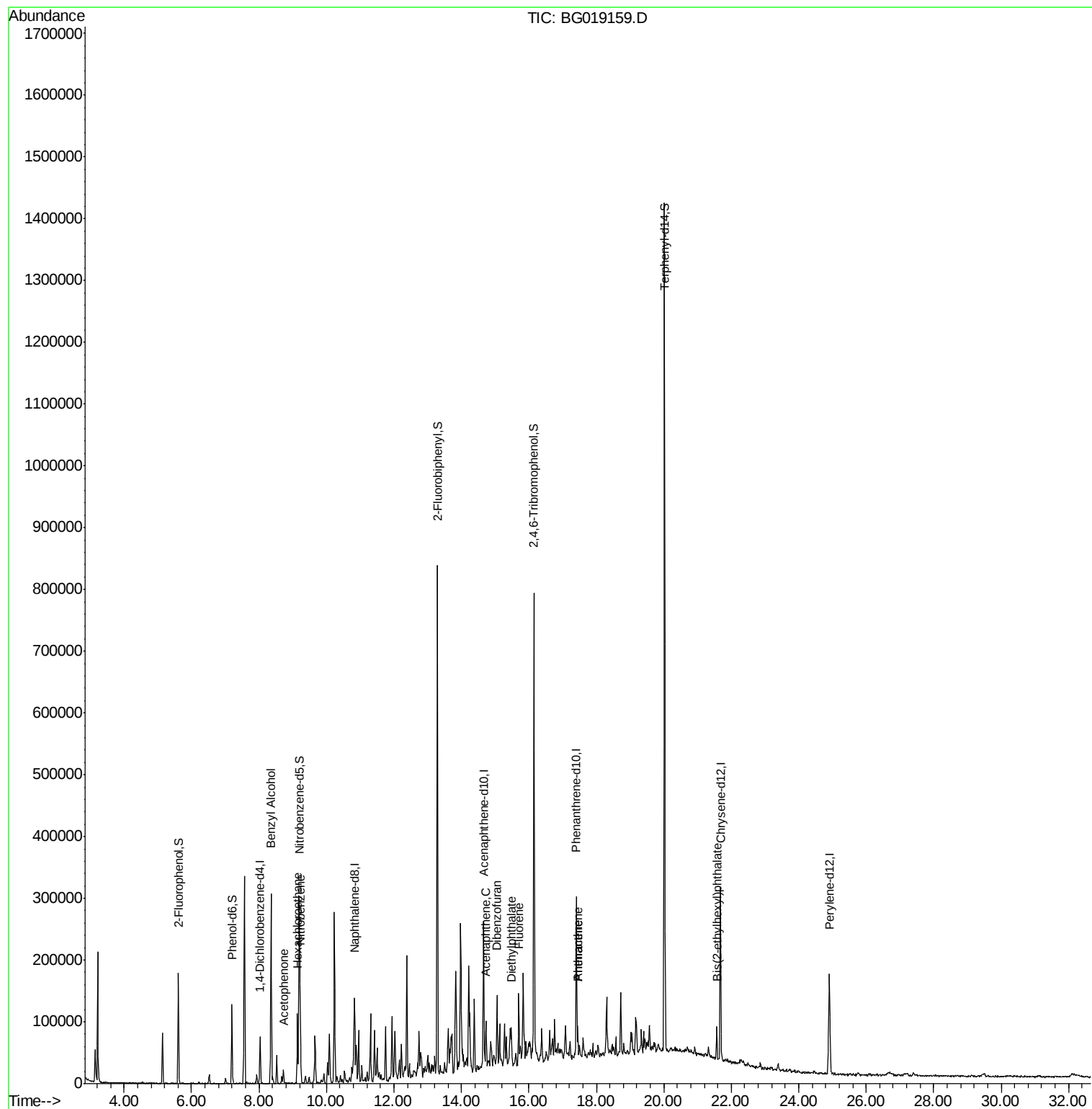
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19457	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	87530	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	69111	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	148318	20.00	ng	0.00
75) Chrysene-d12	21.68	240	172141	20.00	ng	0.00
86) Perylene-d12	24.91	264	172233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	64923	67.94	ng	0.00
7) Phenol-d6	7.20	99	64510	43.94	ng	0.00
23) Nitrobenzene-d5	9.20	82	170094	107.37	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	134797	143.13	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	413906	92.09	ng	0.00
78) Terphenyl-d14	20.02	244	588810	90.35	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.36	79	2844	2.17	ng	# 55
18) Hexachloroethane	9.14	117	23280	45.60	ng	# 14
22) Acetophenone	8.73	105	6350	3.10	ng	# 67
24) Nitrobenzene	9.23	77	5448	3.24	ng	# 1
51) Acenaphthene	14.73	154	22400	5.47	ng	97
54) Dibenzofuran	15.05	168	28153	4.65	ng	# 91
57) Fluorene	15.71	166	44138	8.41	ng	98
59) Diethylphthalate	15.47	149	11810	2.08	ng	97
70) Phenanthrene	17.45	178	28246	3.70	ng	98
71) Anthracene	17.45	178	28246	3.70	ng	96
83) Bis(2-ethylhexyl)phthalate	21.57	149	19292	3.54	ng	# 94

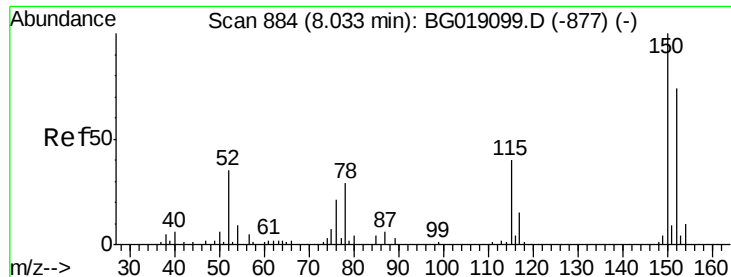
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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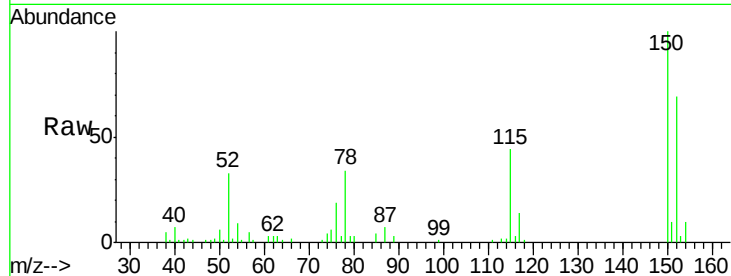


#1

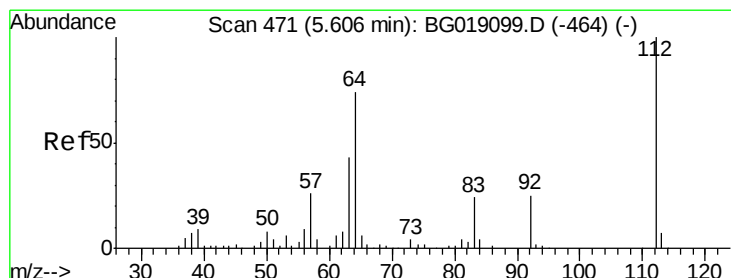
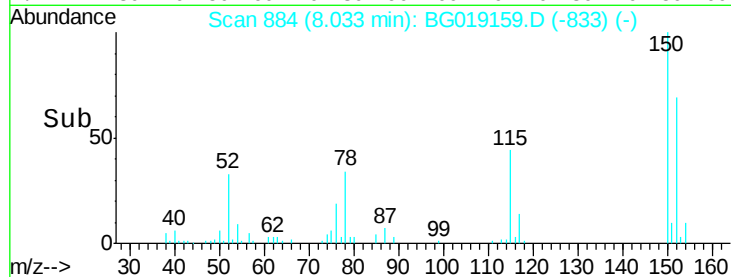
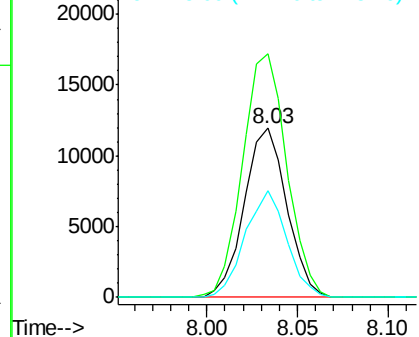
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG019159.D
Acq: 12 Oct 2015 13:02

Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

Tot Ion:152 Resp: 19457
Ion Ratio Lower Upper
152 100
150 144.1 108.2 162.2
115 63.0 43.2 64.8



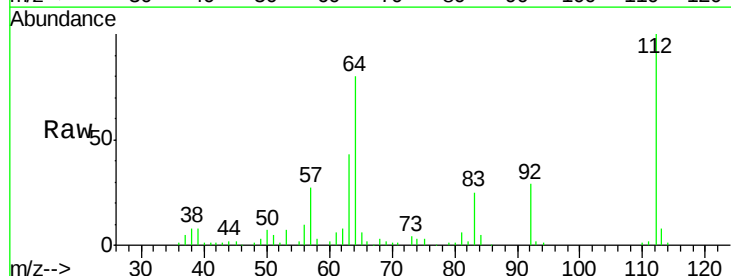
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



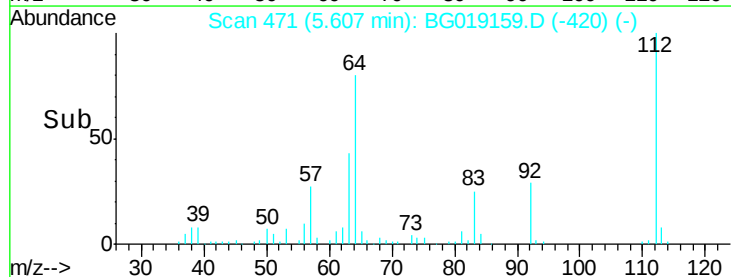
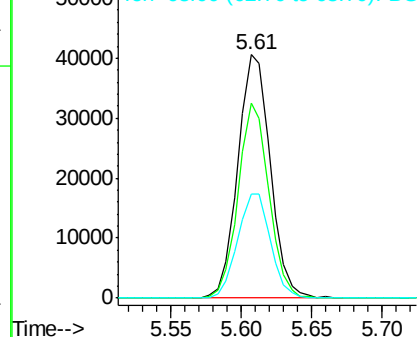
#5

2-Fluorophenol
Concen: 67.94 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019159.D
Acq: 12 Oct 2015 13:02

Tgt Ion:112 Resp: 64923
Ion Ratio Lower Upper
112 100
64 80.1 59.0 88.4
63 42.6 34.7 52.1



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: 43.94 ng

RT: 7.20 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

Instrument :

BNA_G

ClientSampleId :

OW1-C4-GW

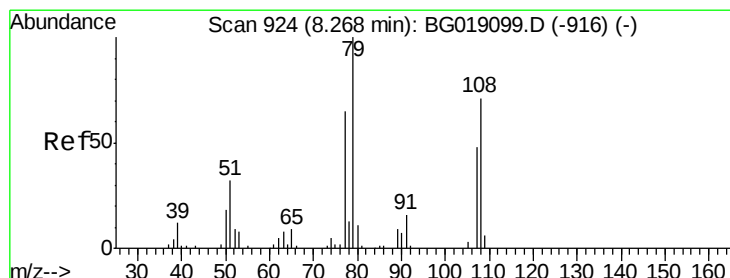
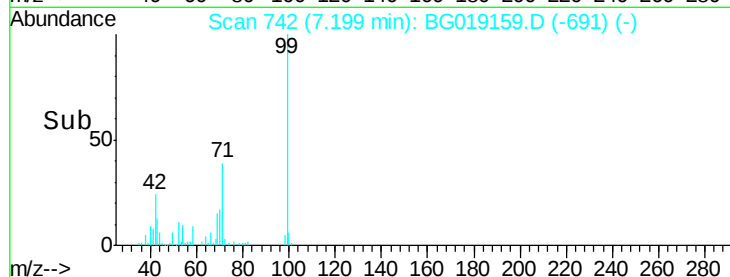
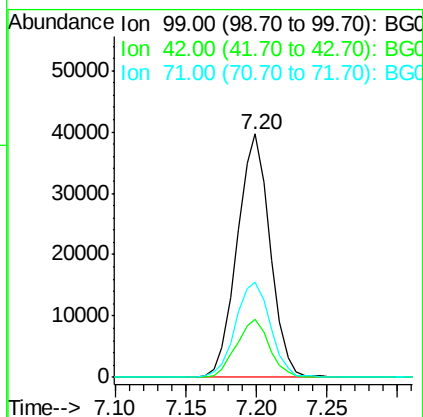
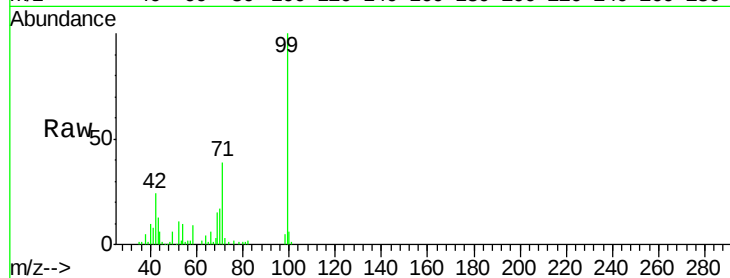
Tot Ion: 99 Resp: 64510

Ion Ratio Lower Upper

99 100

42 24.0 19.5 29.3

71 39.2 31.4 47.0



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 8.36 min Scan# 939

Delta R.T. 0.09 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

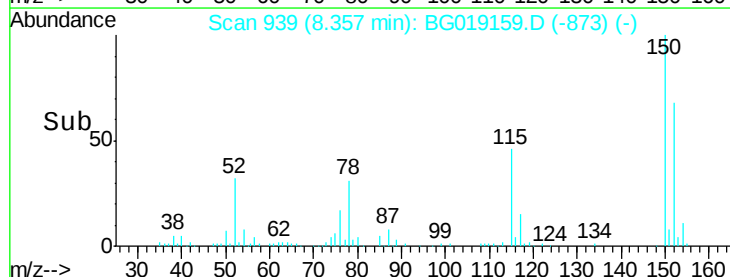
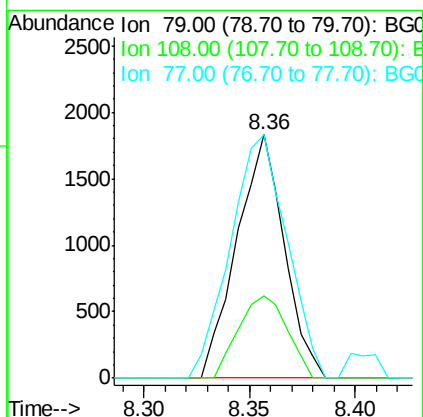
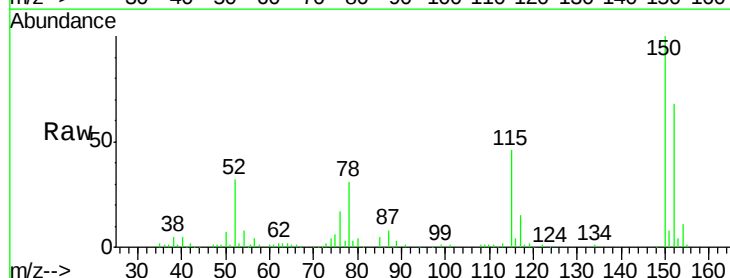
Tgt Ion: 79 Resp: 2844

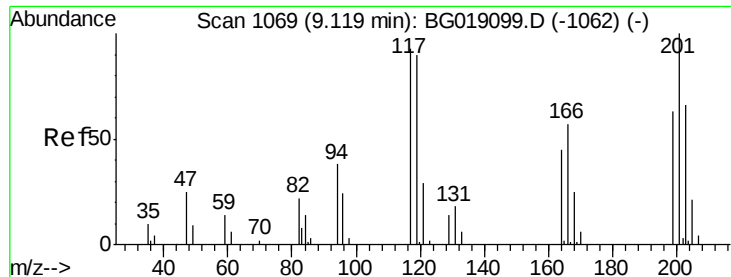
Ion Ratio Lower Upper

79 100

108 33.8 56.6 84.8#

77 99.9 51.6 77.4#

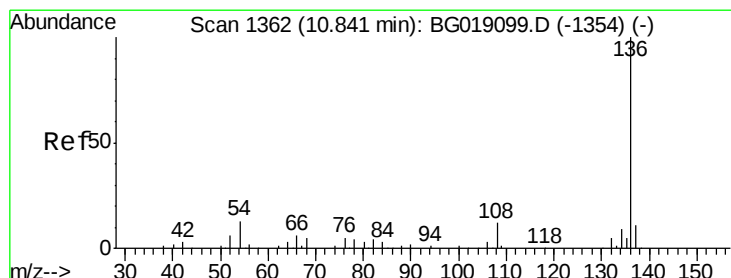
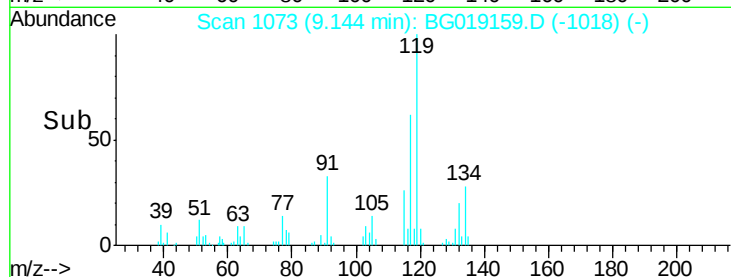
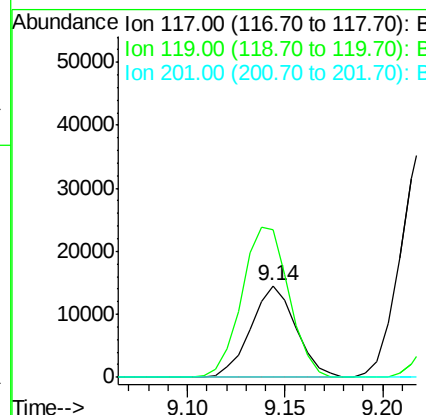
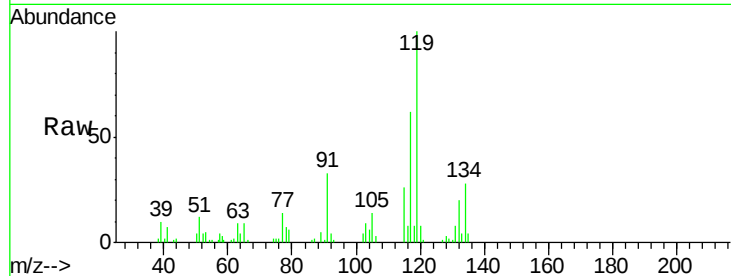




#18
Hexachloroethane
Concen: 45.60 ng
RT: 9.14 min Scan# 1073
Delta R.T. 0.02 min
Lab File: BG019159.D
Acq: 12 Oct 2015 13:02

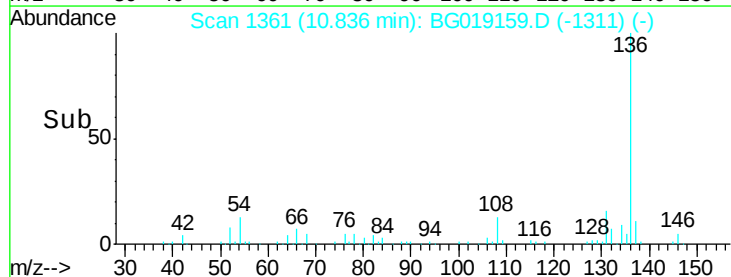
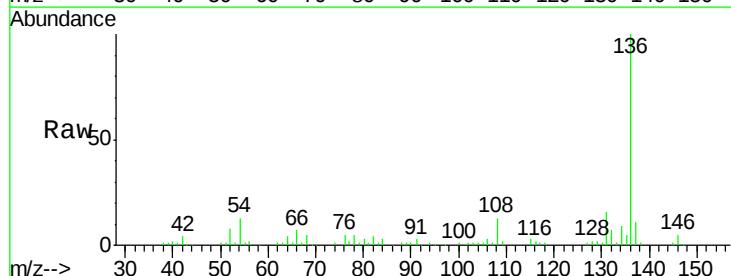
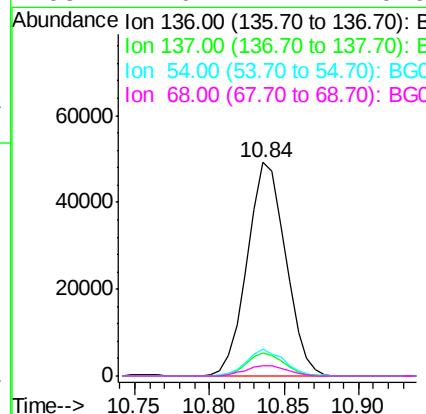
Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

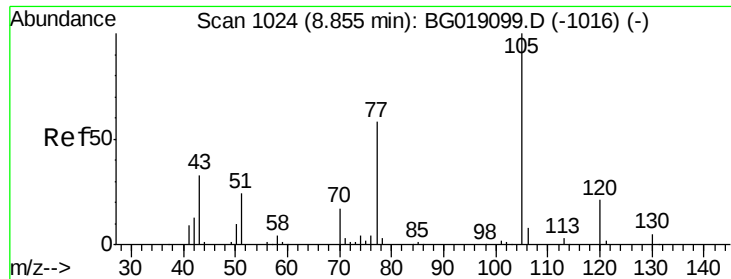
Tot Ion:117 Resp: 23280
Ion Ratio Lower Upper
117 100
119 161.0 77.0 115.4#
201 0.0 85.6 128.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BG019159.D
Acq: 12 Oct 2015 13:02

Tgt Ion:136 Resp: 87530
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 12.6 10.1 15.1
68 4.9 4.4 6.6





#22

Acetophenone

Concen: 3.10 ng

RT: 8.73 min Scan# 1002

Delta R.T. -0.13 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

Instrument :

BNA_G

ClientSampleId :

OW1-C4-GW

Tot Ion: 105 Resp: 6350

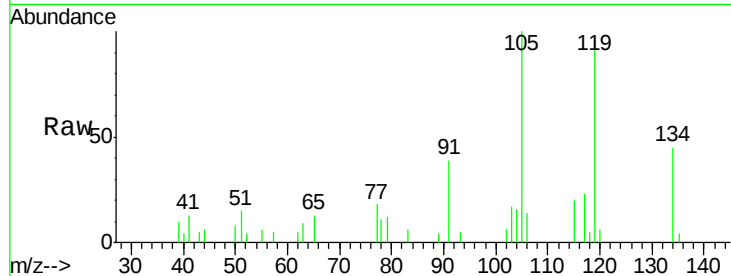
Ion Ratio Lower Upper

105 100

71 0.0 2.2 3.2#

51 15.2 29.2 43.8#

120 6.2 16.6 24.8#

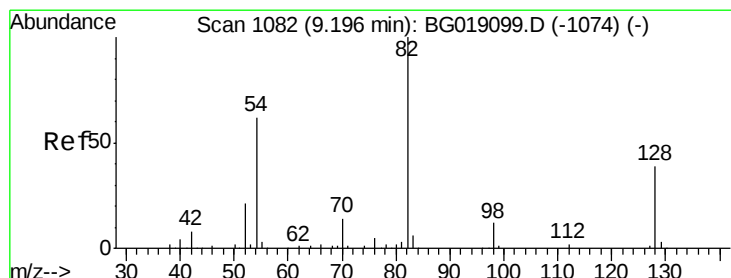
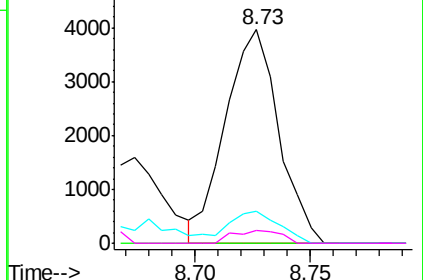
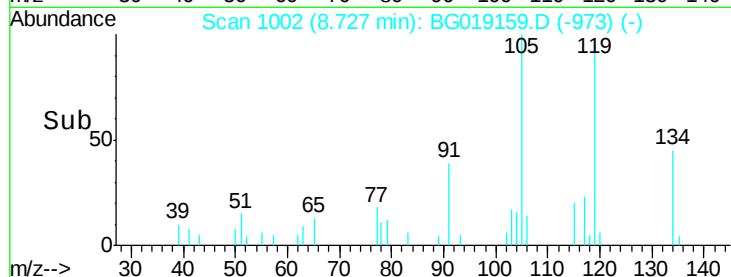


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 107.37 ng

RT: 9.20 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

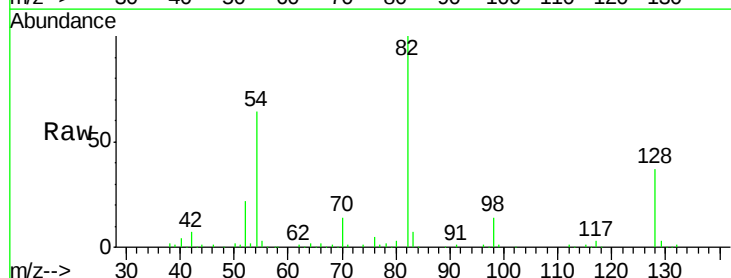
Tgt Ion: 82 Resp: 170094

Ion Ratio Lower Upper

82 100

128 37.4 31.4 47.2

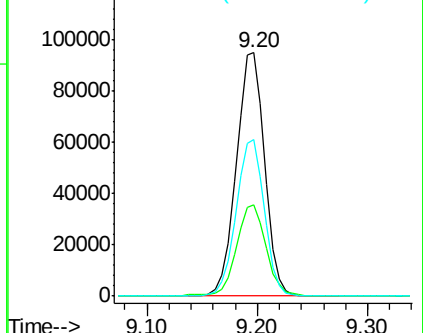
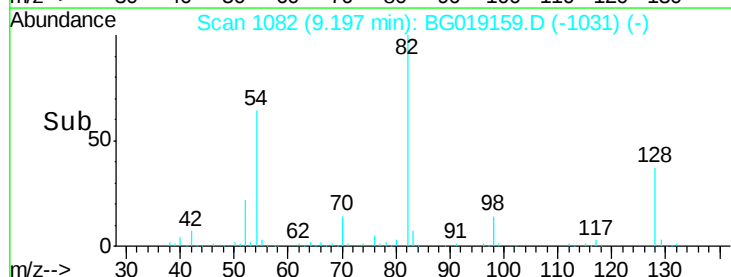
54 64.3 50.0 75.0

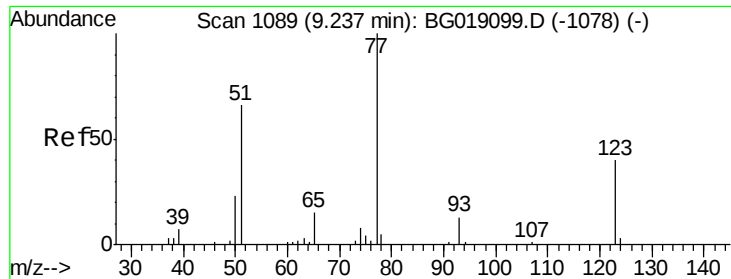


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

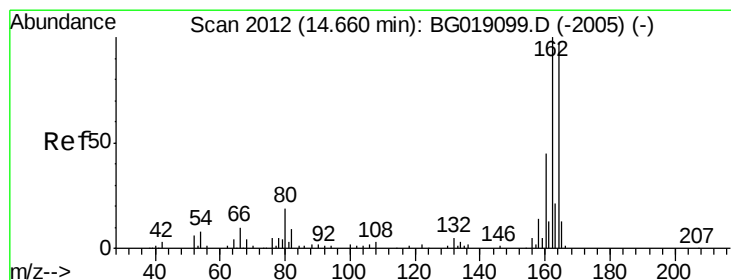
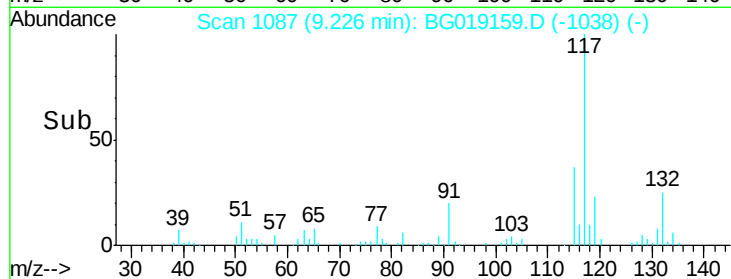
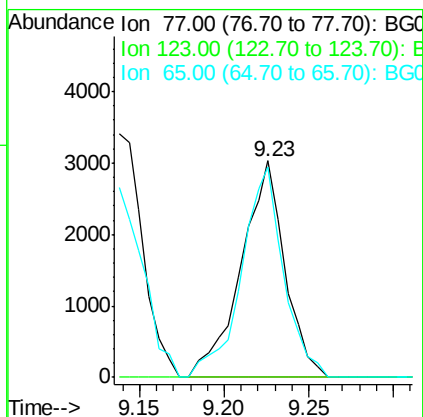
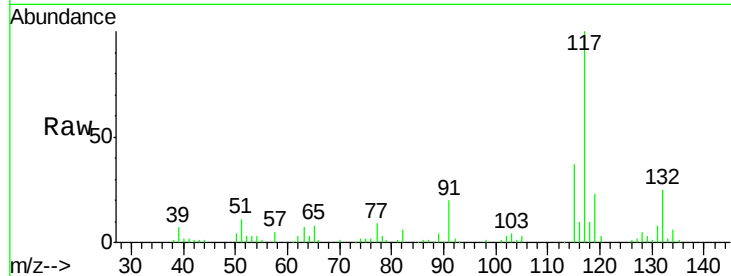




#24
Nitrobenzene
Concen: 3.24 ng
RT: 9.23 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BG019159.D
Acq: 12 Oct 2015 13:02

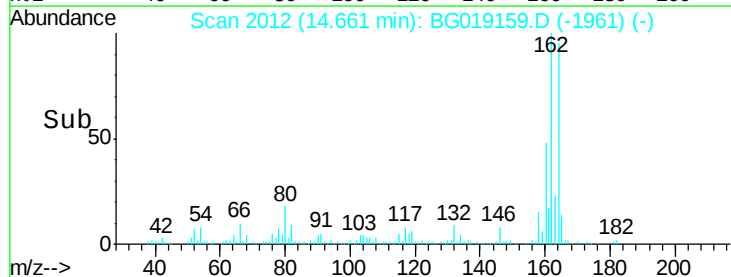
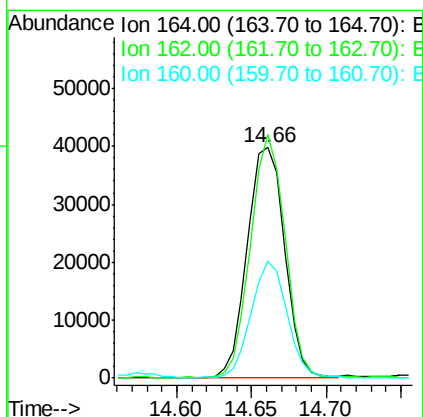
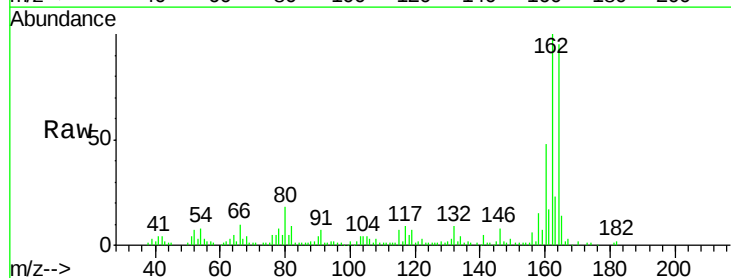
Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

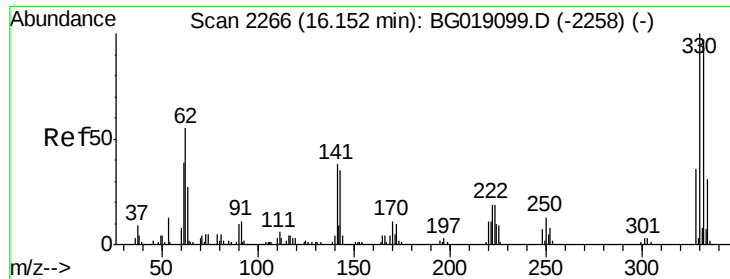
Tot Ion: 77 Resp: 5448
Ion Ratio Lower Upper
77 100
123 0.0 31.8 47.6#
65 97.2 11.8 17.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG019159.D
Acq: 12 Oct 2015 13:02

Tgt Ion:164 Resp: 69111
Ion Ratio Lower Upper
164 100
162 105.7 82.6 124.0
160 50.5 36.9 55.3

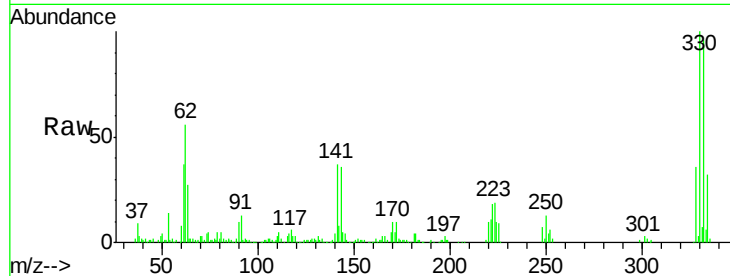




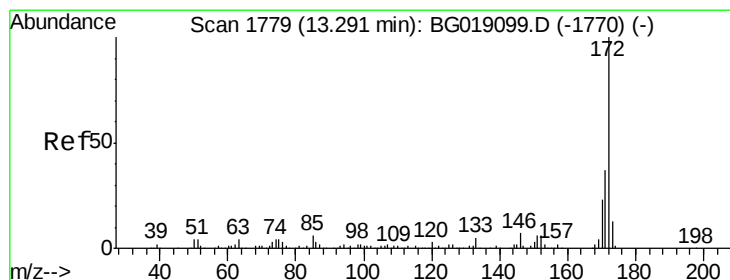
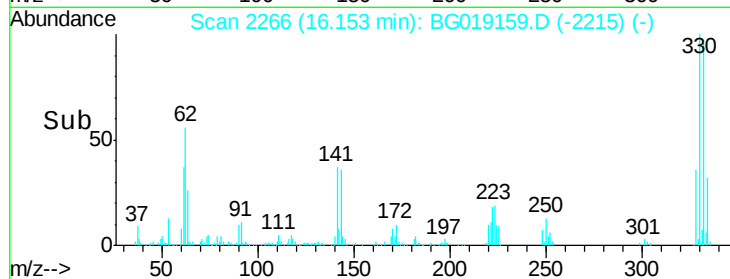
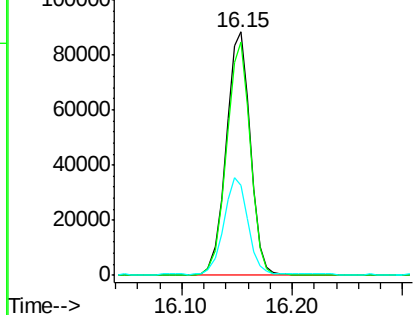
#41
 2,4,6-Tribromophenol
 Concen: 143.13 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BG019159.D
 Acq: 12 Oct 2015 13:02

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C4-GW

Tot Ion:330 Resp: 134797
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.3 115.9
 141 39.4 30.7 46.1

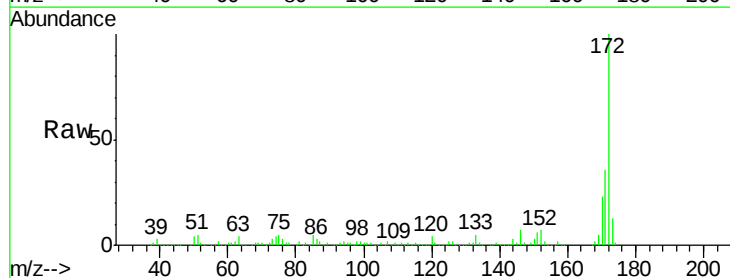


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

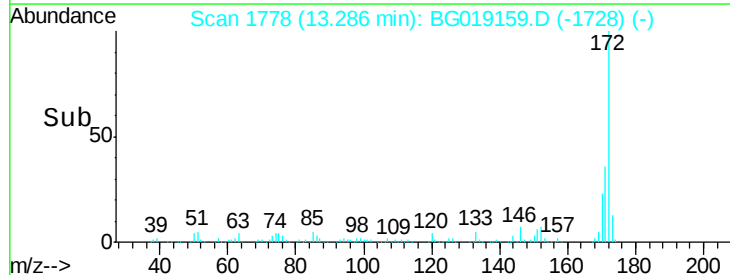
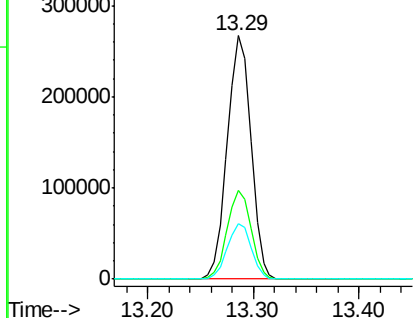


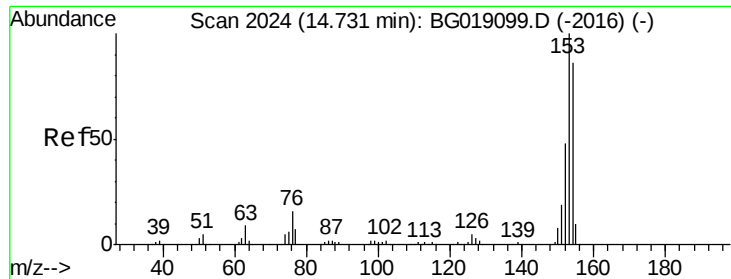
#44
 2-Fluorobiphenyl
 Concen: 92.09 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019159.D
 Acq: 12 Oct 2015 13:02

Tgt Ion:172 Resp: 413906
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.9 44.9
 170 22.9 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#51

Acenaphthene

Concen: 5.47 ng

RT: 14.73 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

Instrument :

BNA_G

ClientSampleId :

OW1-C4-GW

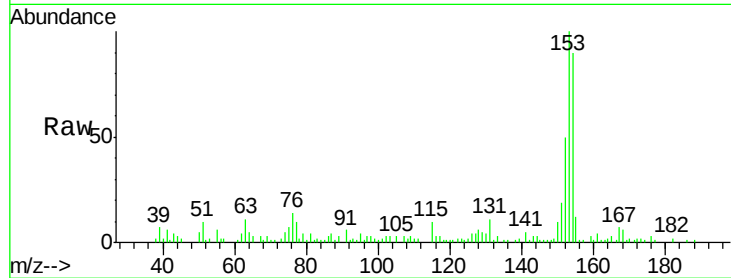
Tot Ion:154 Resp: 22400

Ion Ratio Lower Upper

154 100

153 111.6 93.4 140.2

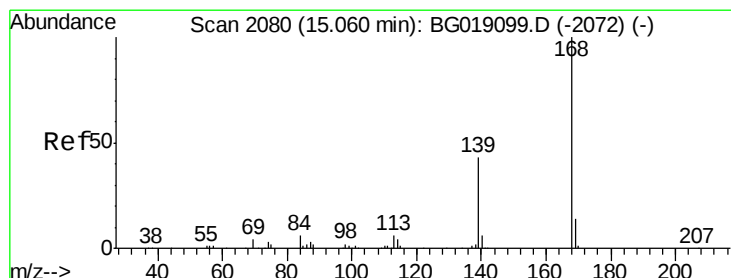
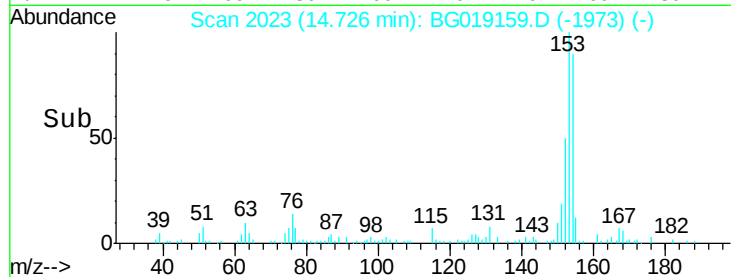
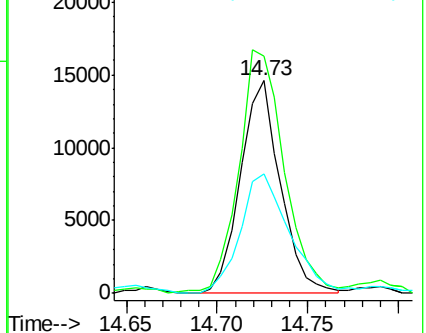
152 56.1 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 4.65 ng

RT: 15.05 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

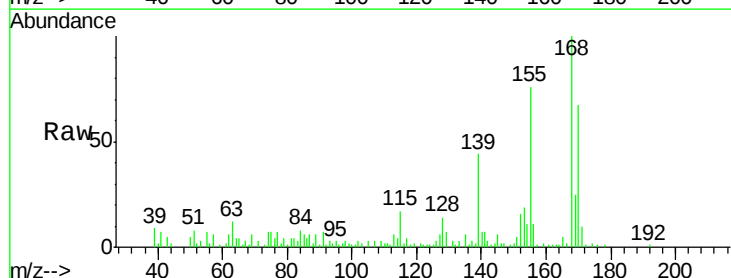
Tgt Ion:168 Resp: 28153

Ion Ratio Lower Upper

168 100

139 44.4 34.2 51.4

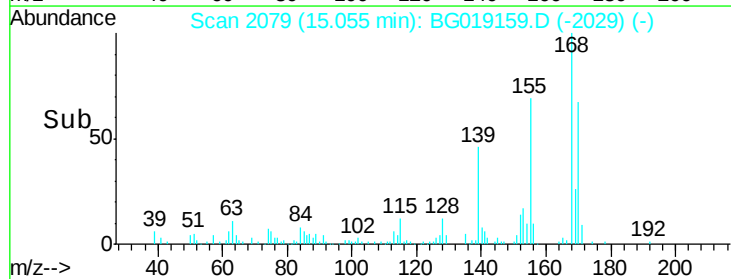
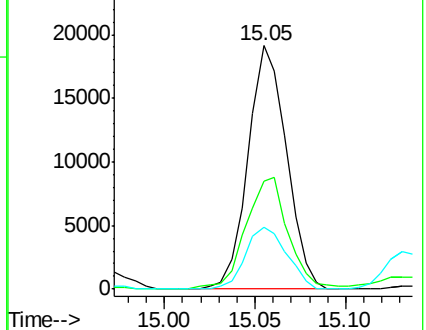
169 25.4 11.4 17.0#

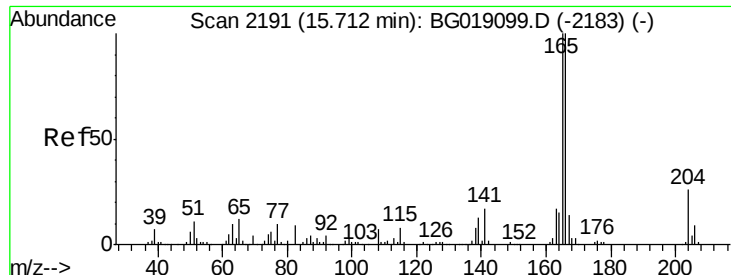


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

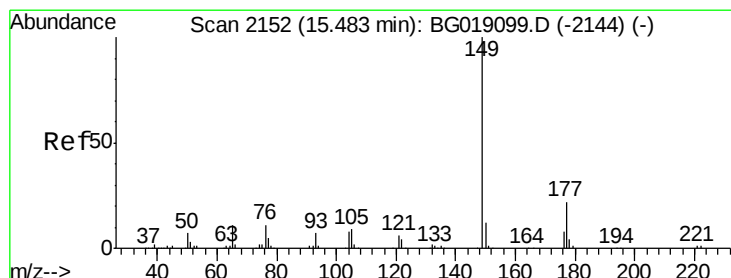
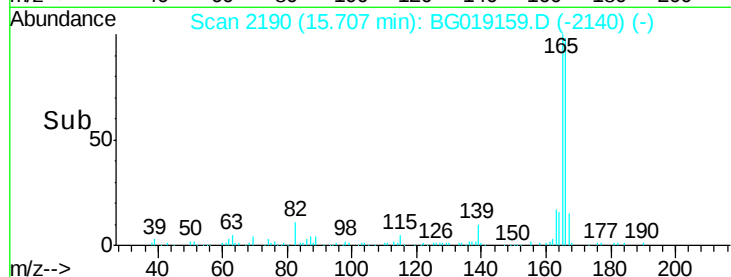
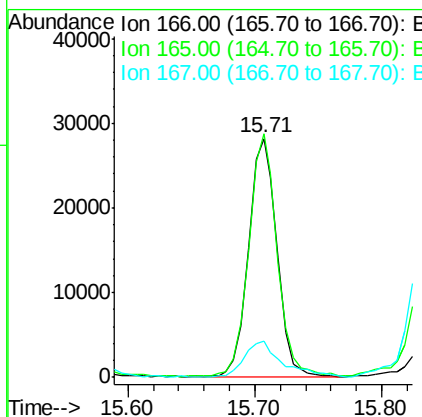
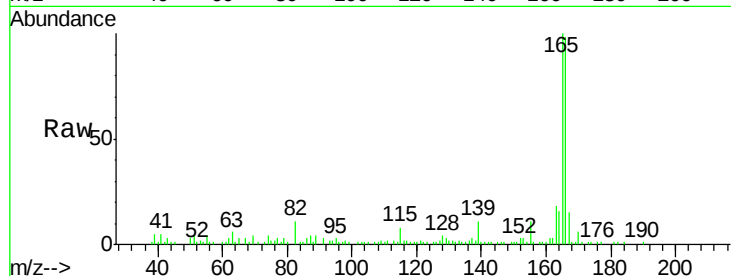




#57
 Fluorene
 Concen: 8.41 ng
 RT: 15.71 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG019159.D
 Acq: 12 Oct 2015 13:02

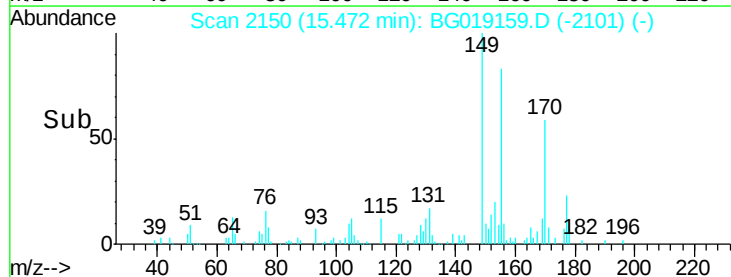
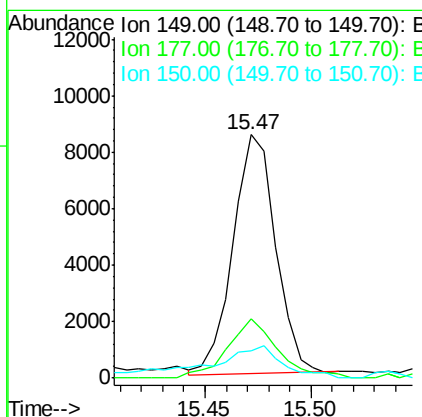
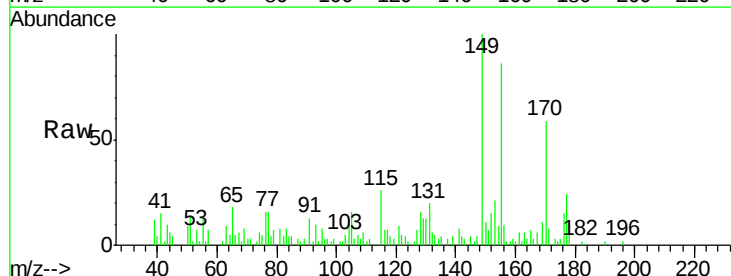
Instrument :
 BNA_G
 ClientSampleId :
 OW1-C4-GW

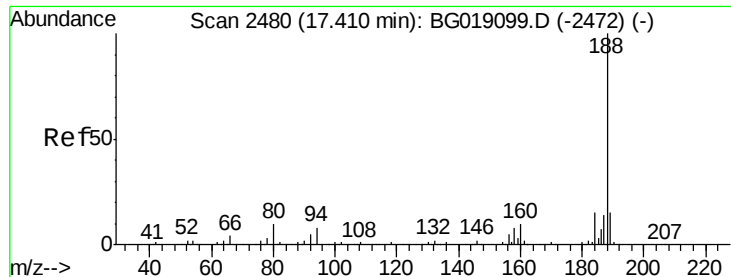
Tot Ion:166 Resp: 44138
 Ion Ratio Lower Upper
 166 100
 165 102.0 80.2 120.2
 167 15.4 11.4 17.0



#59
 Diethylphthalate
 Concen: 2.08 ng
 RT: 15.47 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG019159.D
 Acq: 12 Oct 2015 13:02

Tgt Ion:149 Resp: 11810
 Ion Ratio Lower Upper
 149 100
 177 24.3 17.7 26.5
 150 11.3 9.4 14.2

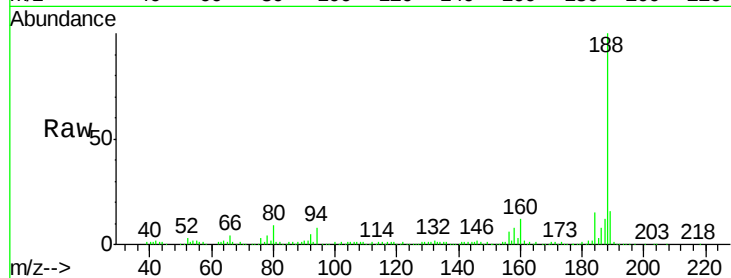




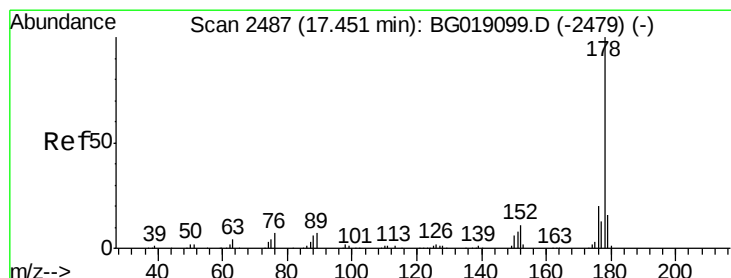
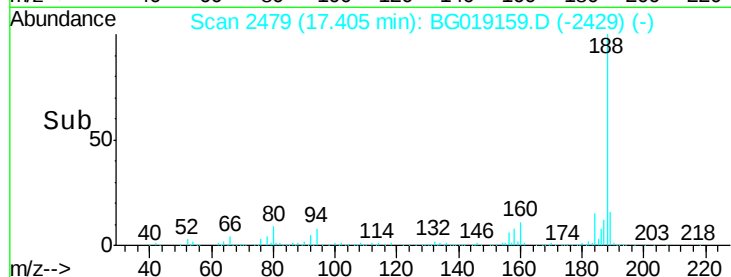
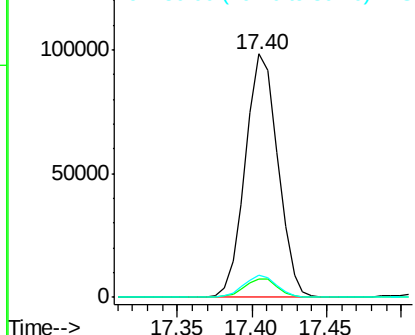
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019159.D
Acq: 12 Oct 2015 13:02

Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

Tot Ion:188 Resp: 148318
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 9.0 7.6 11.4

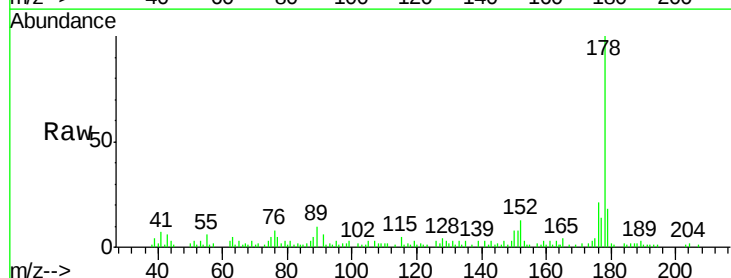


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

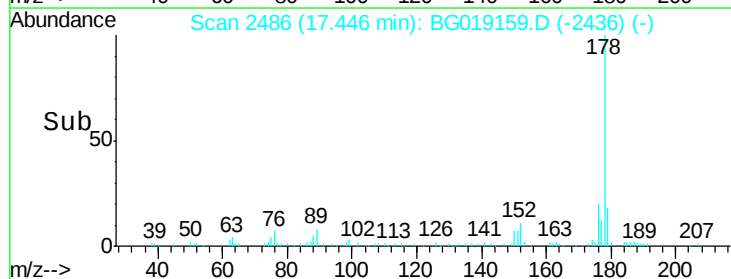
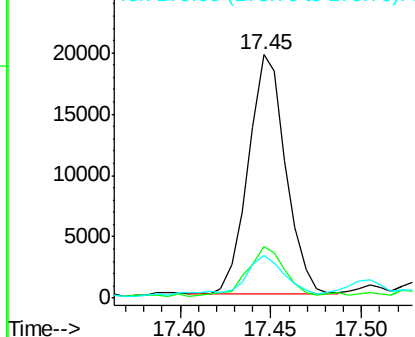


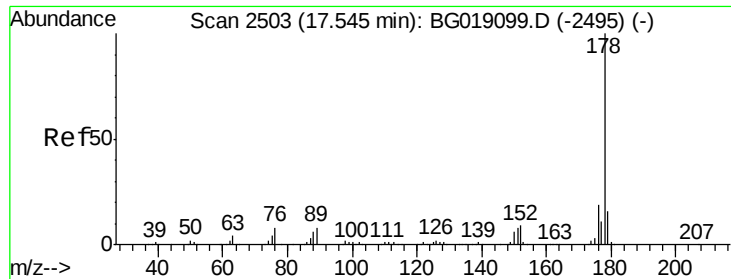
#70
Phenanthrene
Concen: 3.70 ng
RT: 17.45 min Scan# 2486
Delta R.T. -0.01 min
Lab File: BG019159.D
Acq: 12 Oct 2015 13:02

Tgt Ion:178 Resp: 28246
Ion Ratio Lower Upper
178 100
176 21.0 16.3 24.5
179 17.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

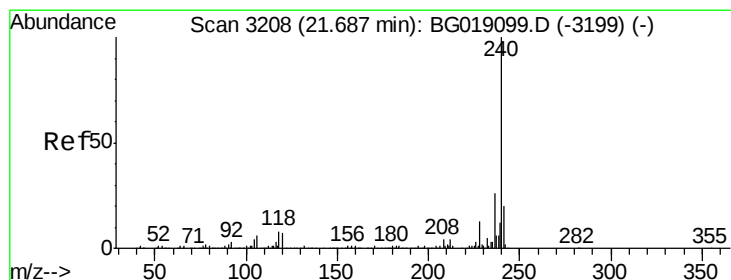
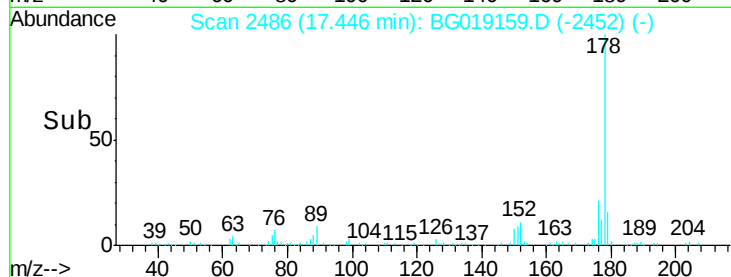
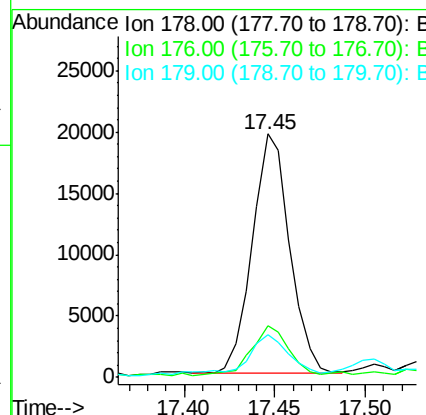
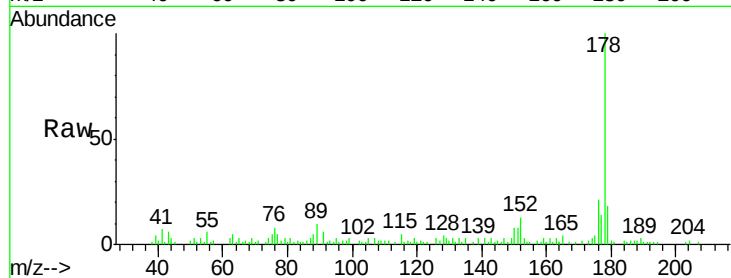




#71
 Anthracene
 Concen: 3.70 ng
 RT: 17.45 min Scan# 2486
 Delta R.T. -0.10 min
 Lab File: BG019159.D
 Acq: 12 Oct 2015 13:02

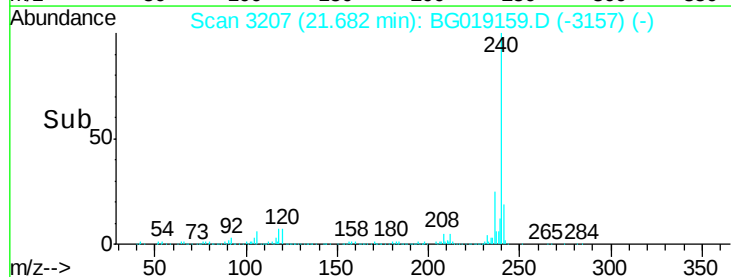
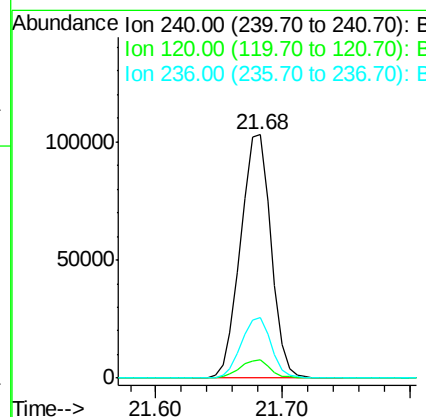
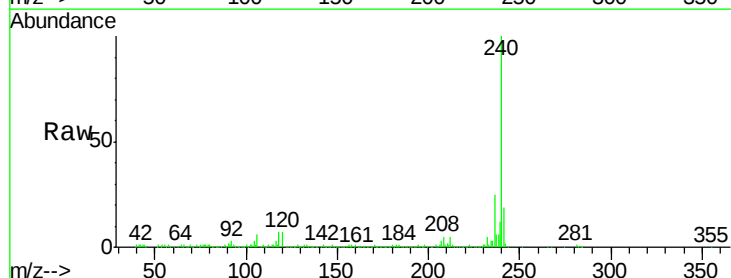
Instrument :
 BNA_G
 ClientSampleId :
 OW1-C4-GW

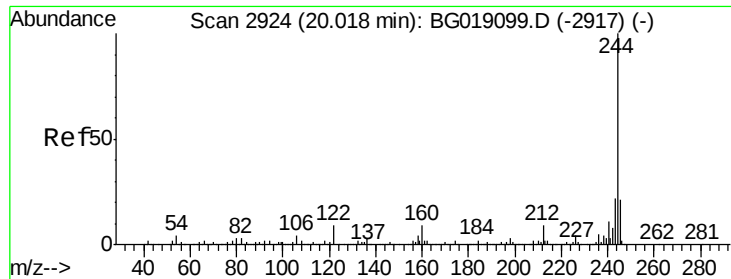
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.5	23.3
179	17.5	12.9	19.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.68 min Scan# 3207
 Delta R.T. -0.01 min
 Lab File: BG019159.D
 Acq: 12 Oct 2015 13:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.8	8.6
236	25.1	21.2	31.8





#78

Terphenyl-d14

Concen: 90.35 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

Instrument :

BNA_G

ClientSampleId :

OW1-C4-GW

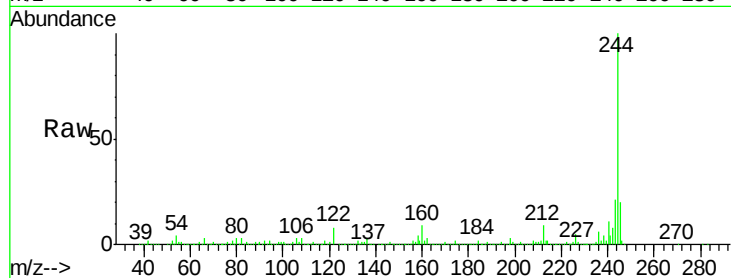
Tot Ion:244 Resp: 588810

Ion Ratio Lower Upper

244 100

212 8.7 6.8 10.2

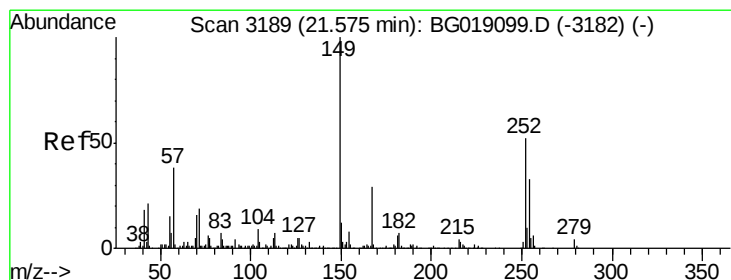
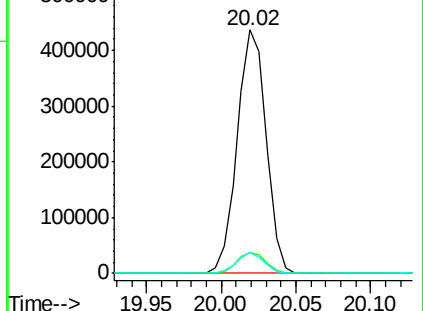
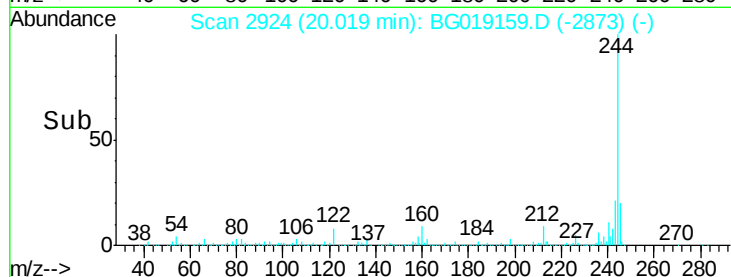
122 8.5 7.4 11.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.54 ng

RT: 21.57 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

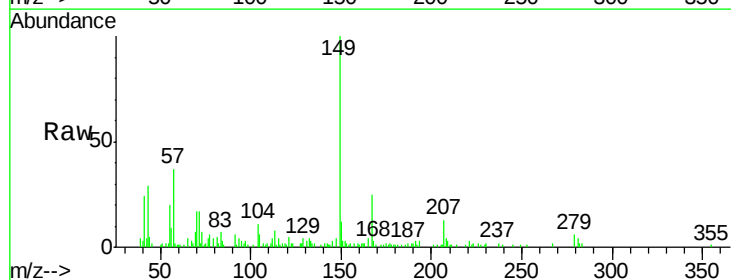
Tgt Ion:149 Resp: 19292

Ion Ratio Lower Upper

149 100

167 25.3 22.8 34.2

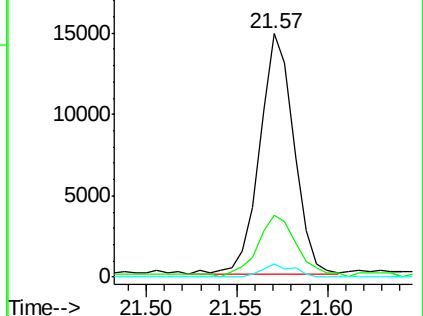
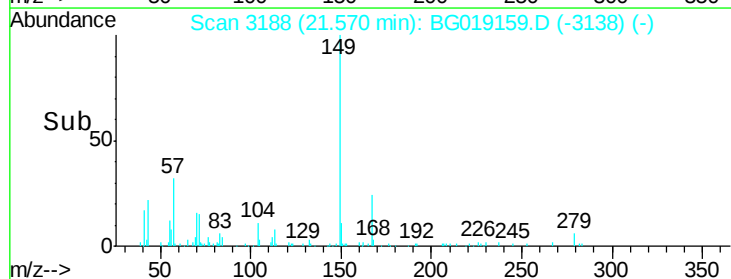
279 5.5 3.6 5.4#

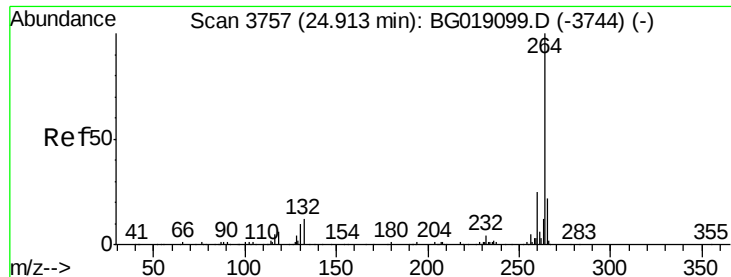


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.91 min Scan# 3756
 Delta R.T. -0.01 min
 Lab File: BG019159.D
 Acq: 12 Oct 2015 13:02

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C4-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	20.1	30.1
265	22.6	17.2	25.8

