

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036222.D
 Acq On : 9 Aug 2018 7:51
 Operator : JU/SJ
 Sample : J4328-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-22

Quant Time: Aug 09 09:03:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

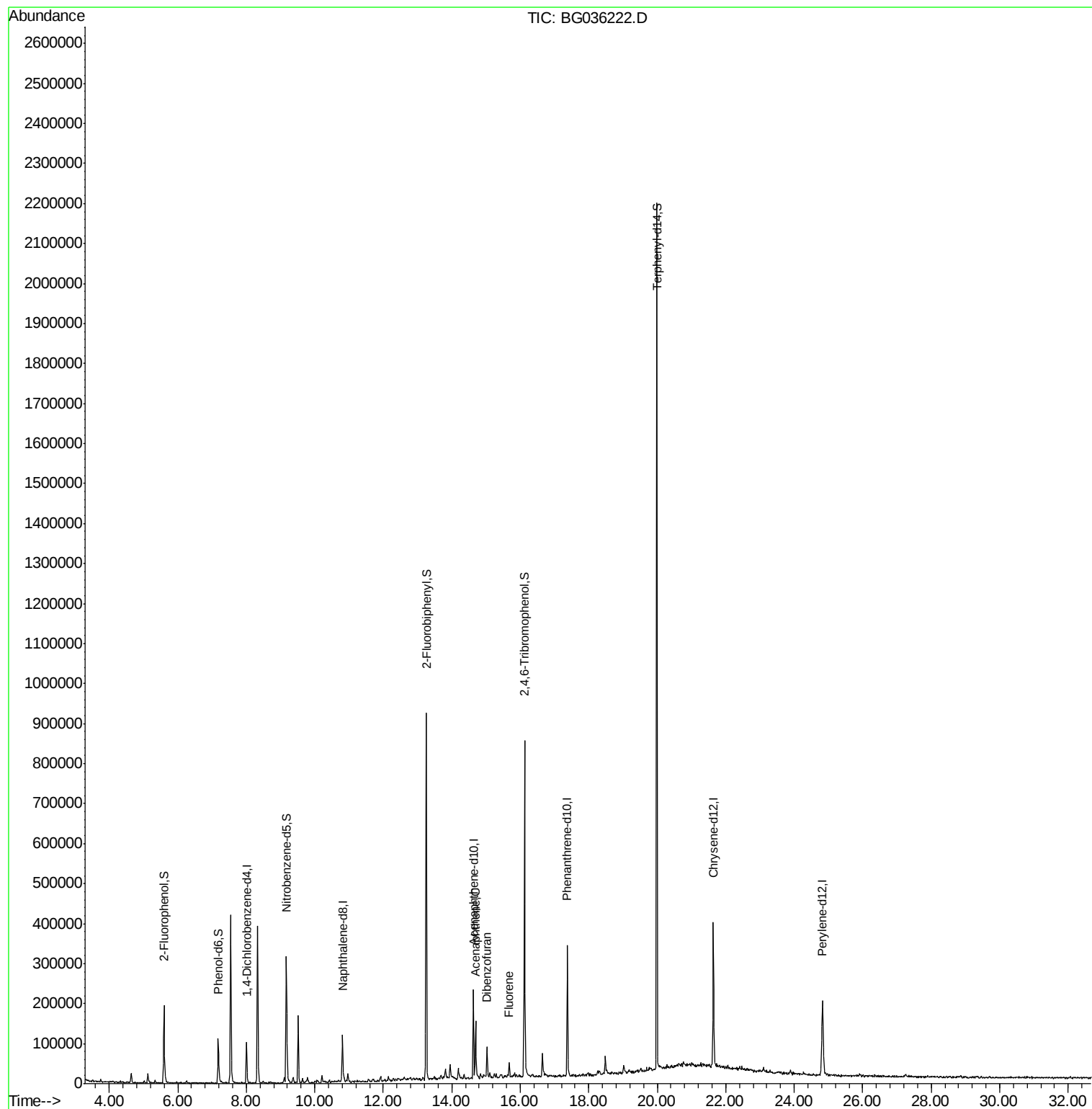
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29580	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	103613	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	77906	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	205697	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	228403	20.00	ng	-0.02
86) Perylene-d12	24.83	264	215273	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	94781	53.20	ng	0.00
7) Phenol-d6	7.18	99	82260	30.95	ng	-0.01
23) Nitrobenzene-d5	9.17	82	229922	92.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	160061	155.88	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	512025	88.05	ng	-0.02
78) Terphenyl-d14	19.99	244	1006516	97.14	ng	-0.01
Target Compounds						
51) Acenaphthene	14.70	154	49990	10.197	ng	91
54) Dibenzofuran	15.03	168	49497	6.348	ng	# 89
57) Fluorene	15.68	166	16232	2.484	ng	# 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG036222.D

Acq: 9 Aug 2018 7:51

Instrument :

BNA_G

ClientSampleId :

MW-22

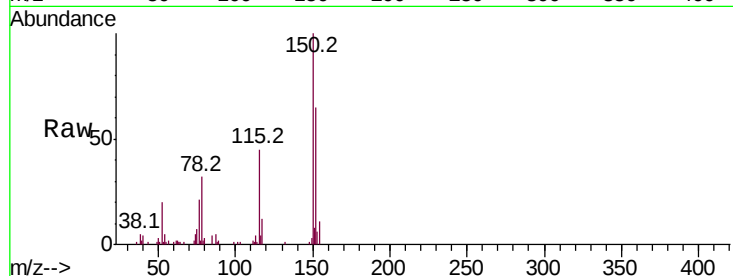
Tot Ion:152 Resp: 29580

Ion Ratio Lower Upper

152 100

150 152.9 126.6 189.8

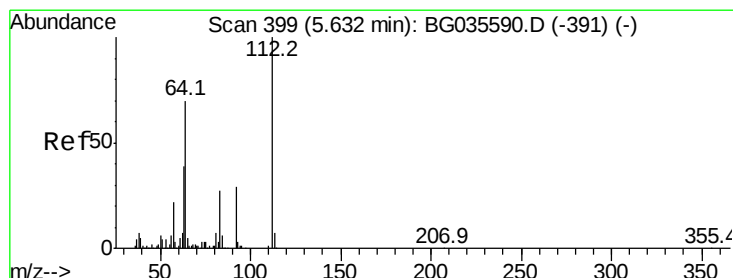
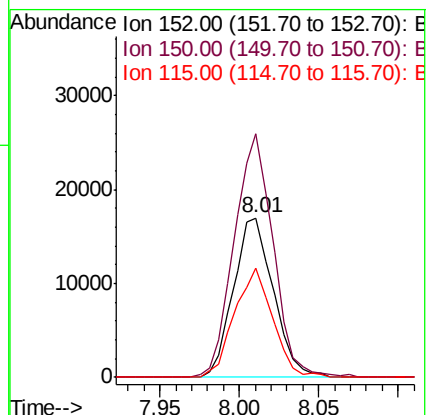
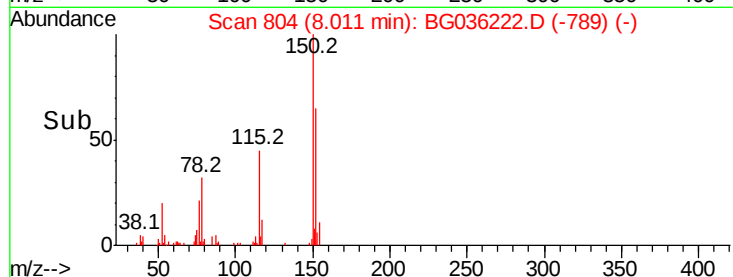
115 68.2 53.0 79.4



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: 53.198 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036222.D

Acq: 9 Aug 2018 7:51

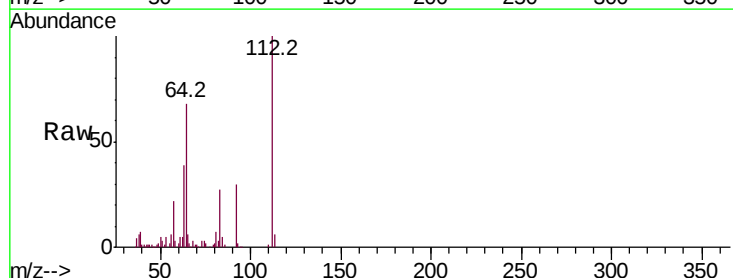
Tgt Ion:112 Resp: 94781

Ion Ratio Lower Upper

112 100

64 68.3 56.3 84.5

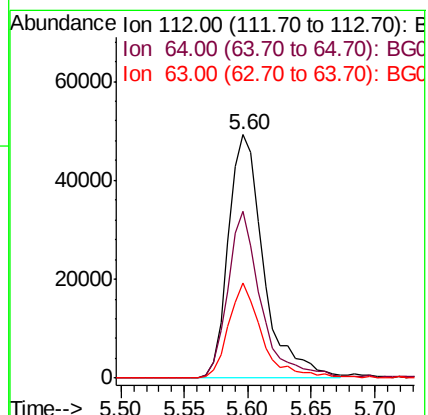
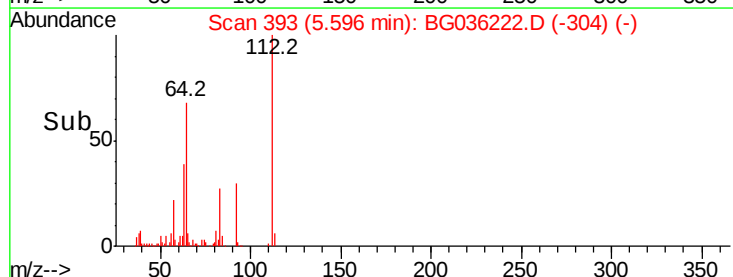
63 39.0 30.1 45.1

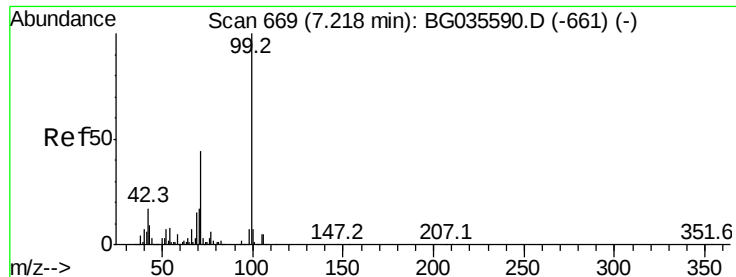


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 30.945 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036222.D

Acq: 9 Aug 2018 7:51

Instrument :

BNA_G

ClientSampleId :

MW-22

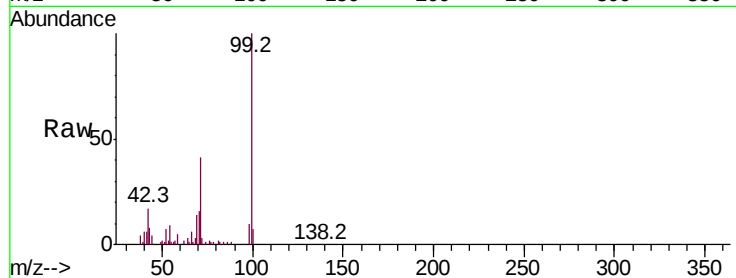
Tot Ion: 99 Resp: 82260

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

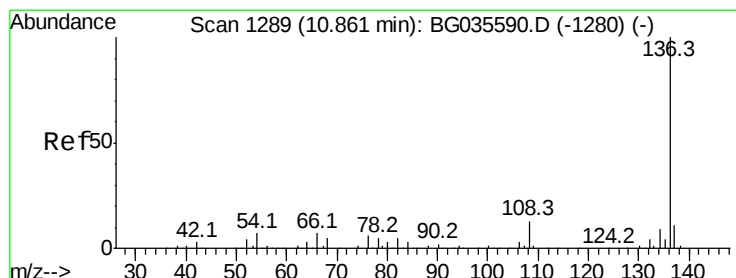
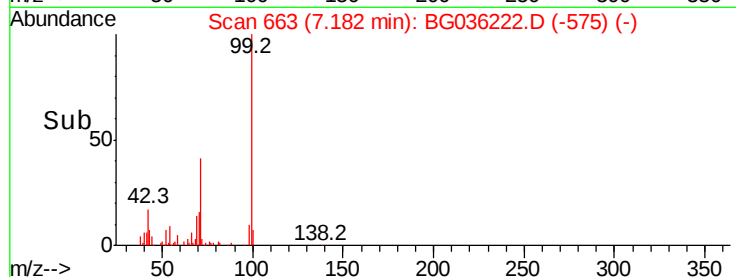
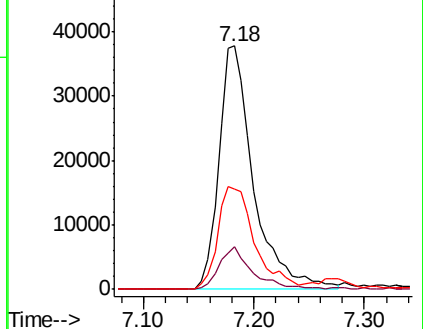
71 41.0 26.1 39.1#



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: 20.000 ng

RT: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036222.D

Acq: 9 Aug 2018 7:51

Tgt Ion: 136 Resp: 103613

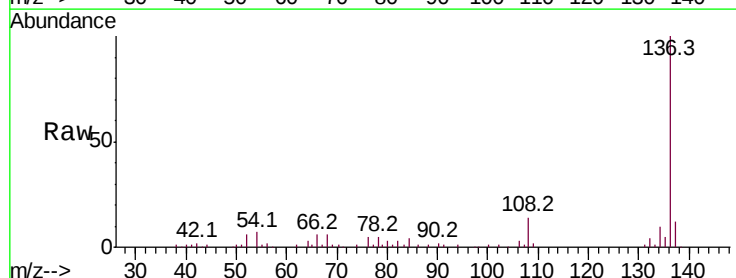
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 7.5 10.3 15.5#

68 5.6 4.5 6.7

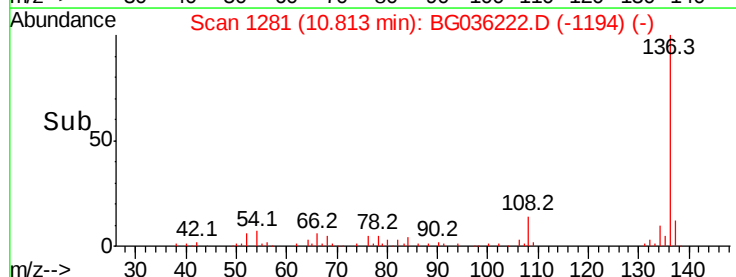
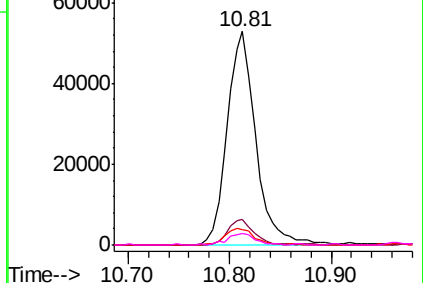


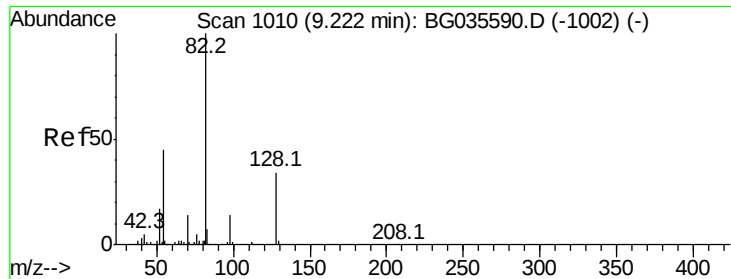
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

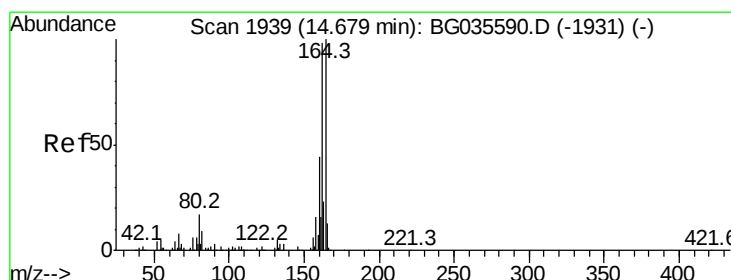
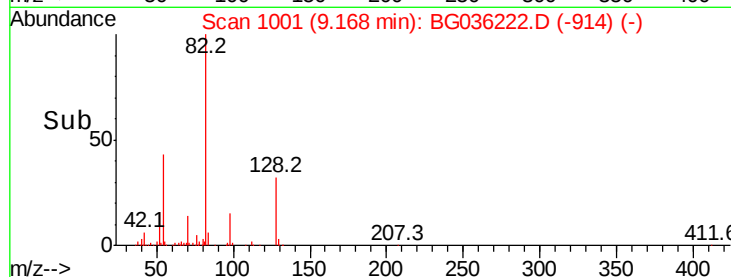
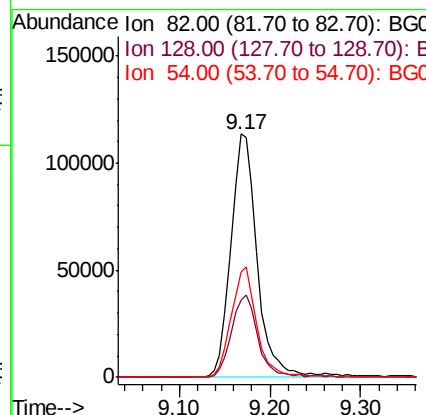
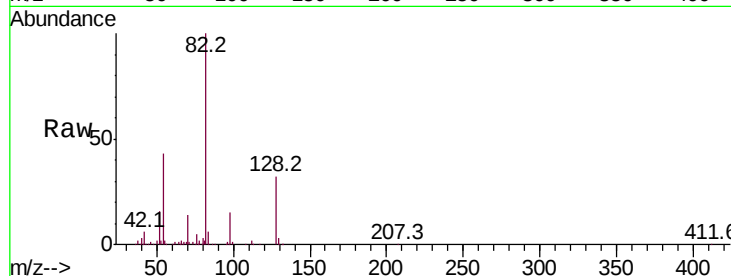




#23
 Nitrobenzene-d5
 Concen: 92.700 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036222.D
 Acq: 9 Aug 2018 7:51

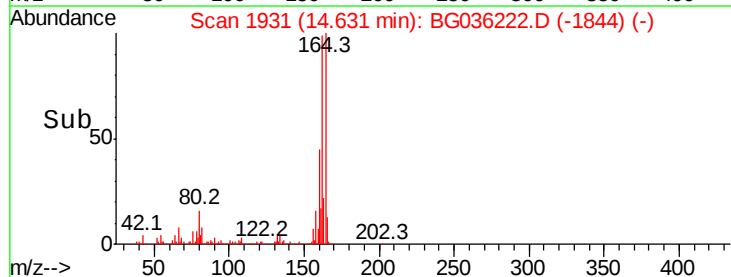
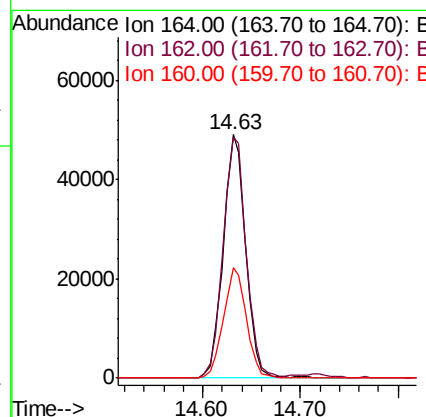
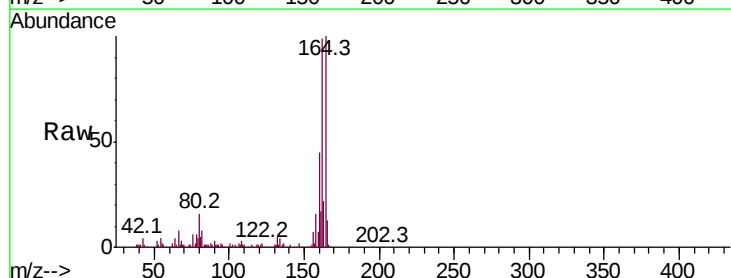
Instrument :
 BNA_G
 ClientSampleId :
 MW-22

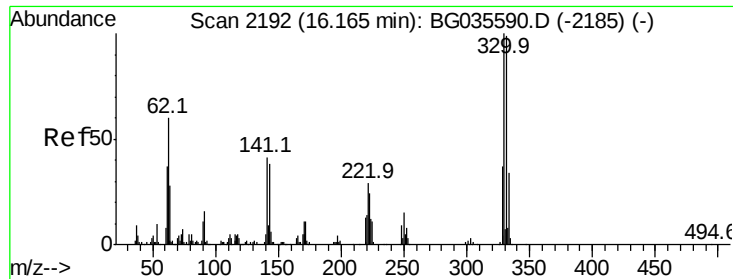
Tot Ion	82	Resp	229922
Ion Ratio	Lower	Upper	
82	100		
128	31.7	29.7	44.5
54	43.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036222.D
 Acq: 9 Aug 2018 7:51

Tgt Ion	164	Resp	77906
Ion Ratio	Lower	Upper	
164	100		
162	98.9	78.8	118.2
160	45.2	35.4	53.0

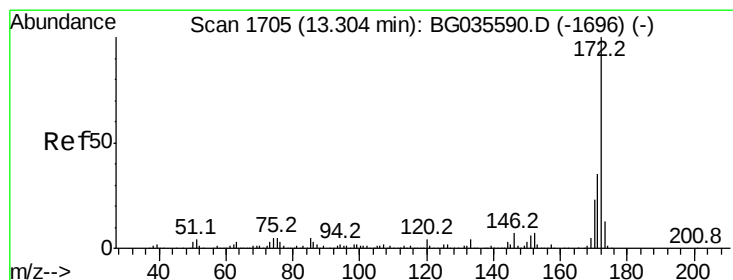
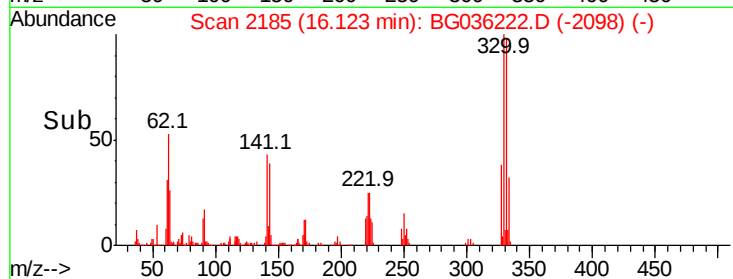
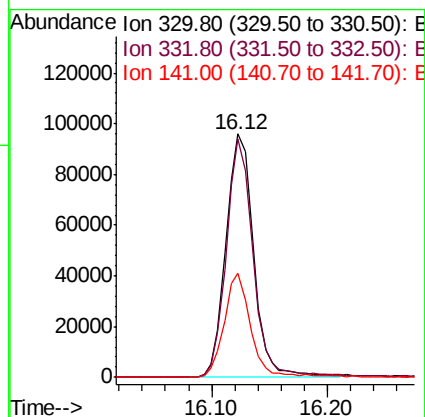
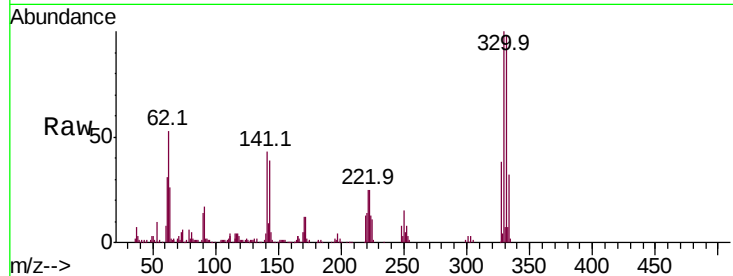




#41
 2,4,6-Tribromophenol
 Concen: 155.876 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036222.D
 Acq: 9 Aug 2018 7:51

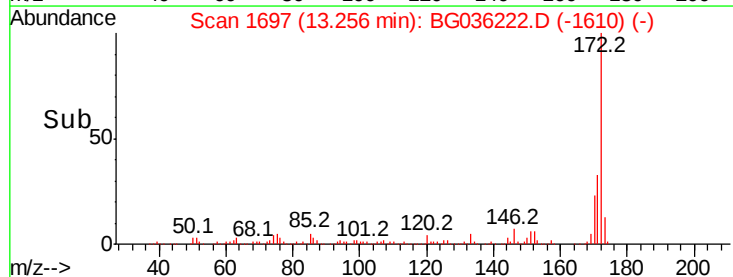
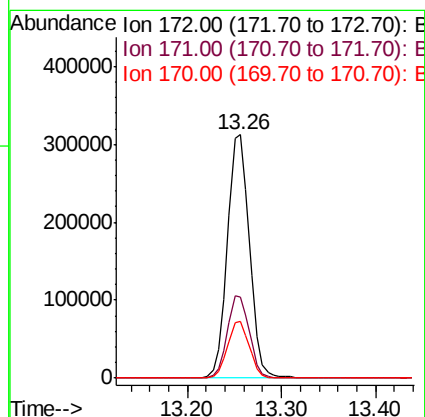
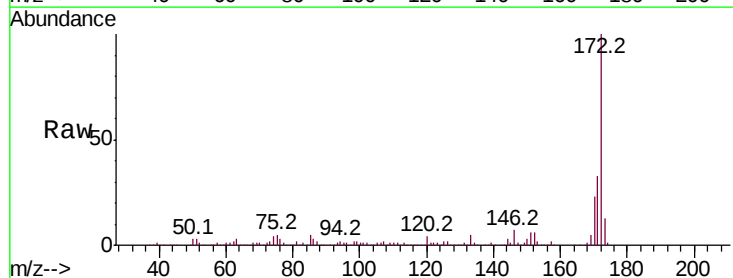
Instrument :
 BNA_G
 ClientSampleId :
 MW-22

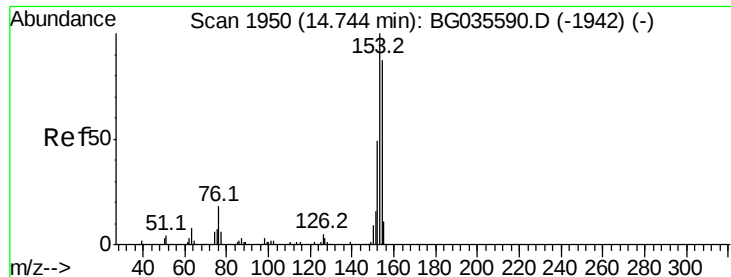
Tot Ion:330 Resp: 160061
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 41.4 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 88.052 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036222.D
 Acq: 9 Aug 2018 7:51

Tgt Ion:172 Resp: 512025
 Ion Ratio Lower Upper
 172 100
 171 33.5 30.0 45.0
 170 23.2 19.5 29.3





#51

Acenaphthene

Concen: 10.197 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG036222.D

Acq: 9 Aug 2018 7:51

Instrument :

BNA_G

ClientSampleId :

MW-22

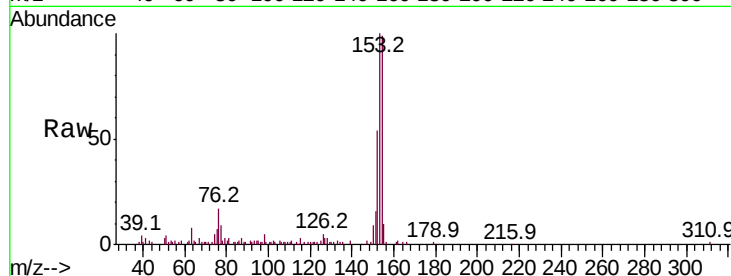
Tot Ion:154 Resp: 49990

Ion Ratio Lower Upper

154 100

153 101.0 90.4 135.6

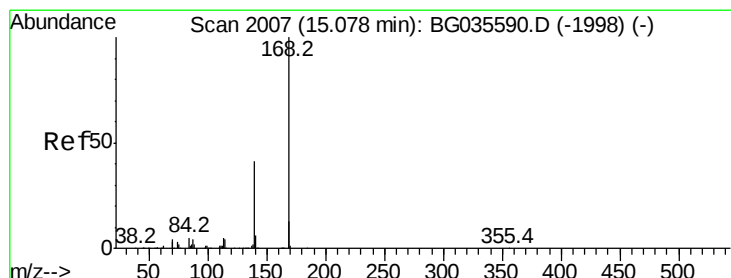
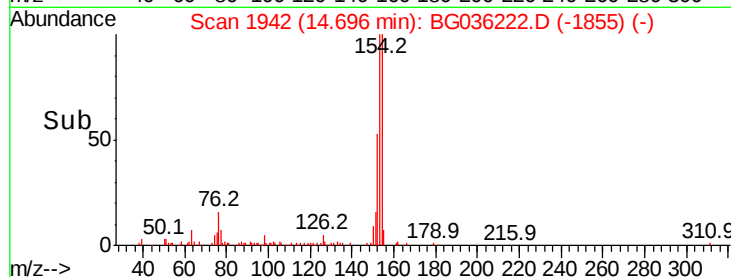
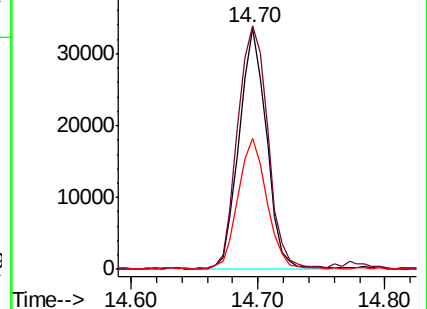
152 54.4 41.6 62.4



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: 6.348 ng

RT: 15.03 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG036222.D

Acq: 9 Aug 2018 7:51

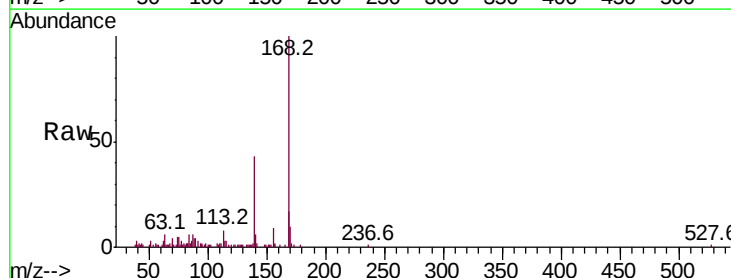
Tgt Ion:168 Resp: 49497

Ion Ratio Lower Upper

168 100

139 43.3 28.6 43.0#

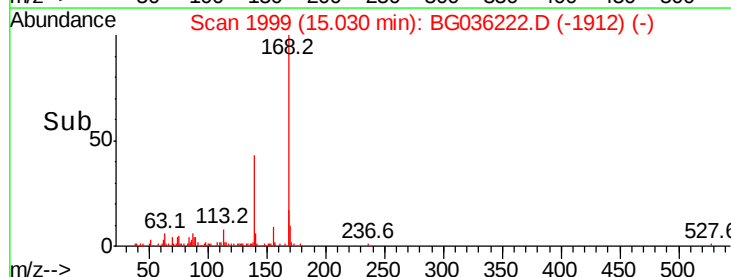
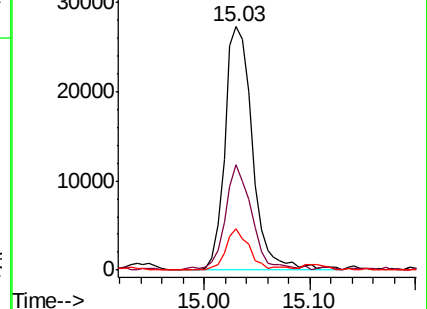
169 16.8 11.2 16.8#

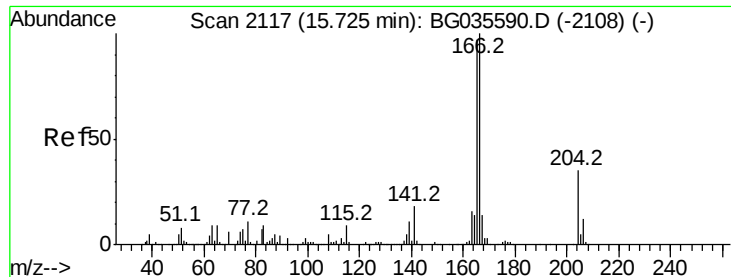


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

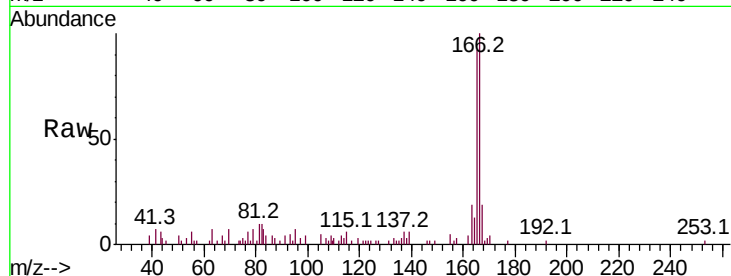




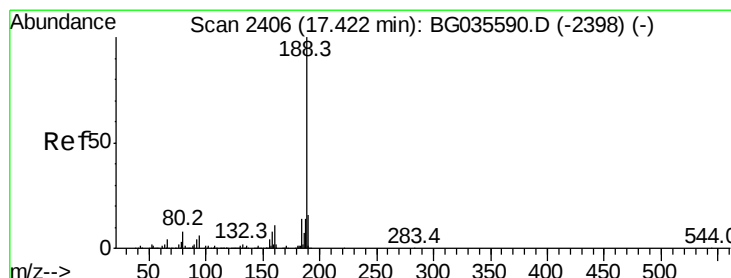
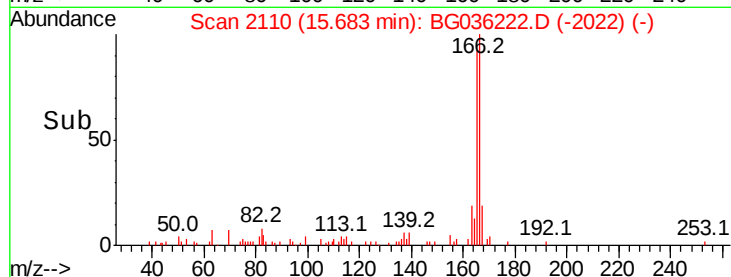
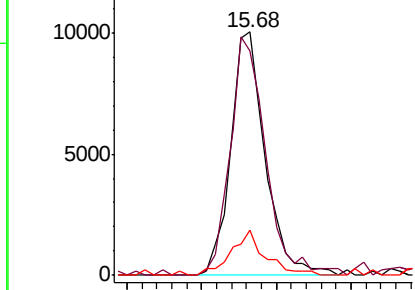
#57
Fluorene
 Concen: 2.484 ng
 RT: 15.68 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG036222.D
 Acq: 9 Aug 2018 7:51

Instrument :
 BNA_G
 ClientSampleId :
 MW-22

Tot Ion:166 Resp: 16232
 Ion Ratio Lower Upper
 166 100
 165 92.0 80.6 121.0
 167 18.8 10.4 15.6#

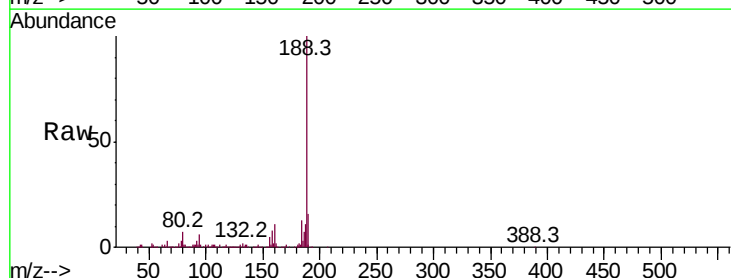


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

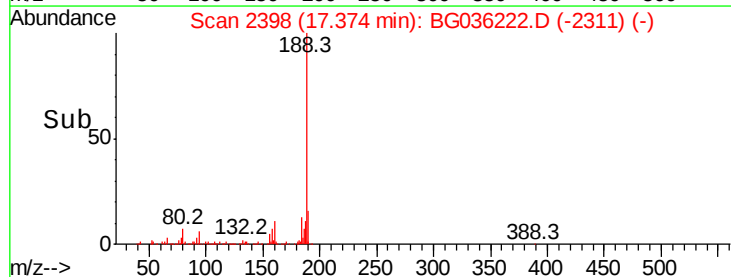
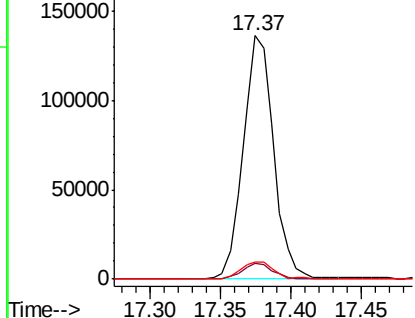


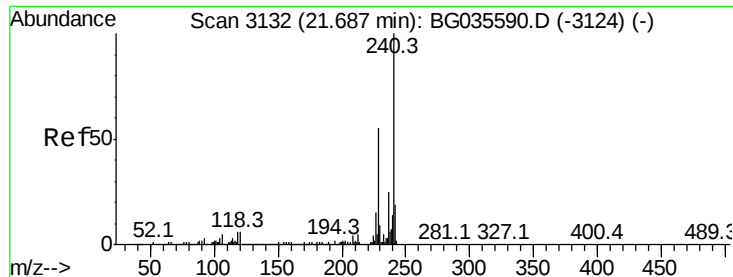
#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2398
 Delta R.T. -0.02 min
 Lab File: BG036222.D
 Acq: 9 Aug 2018 7:51

Tgt Ion:188 Resp: 205697
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.0 7.7 11.5#



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: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036222.D

Acq: 9 Aug 2018 7:51

Instrument :

BNA_G

ClientSampleId :

MW-22

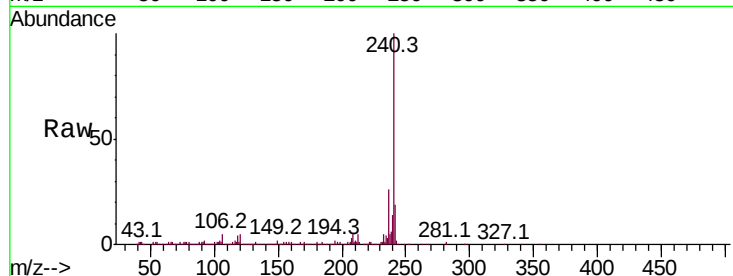
Tot Ion:240 Resp: 228403

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

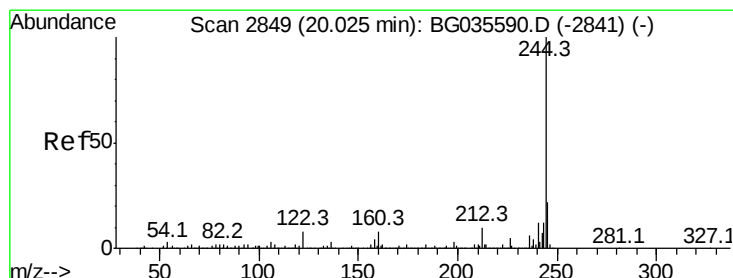
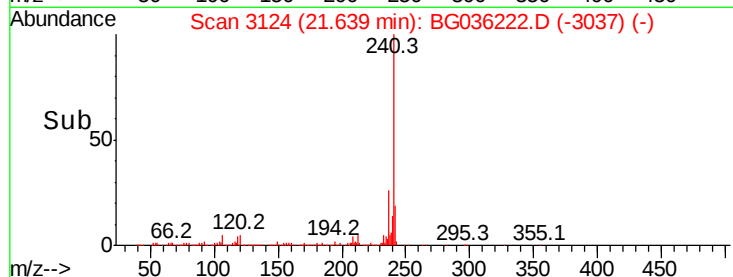
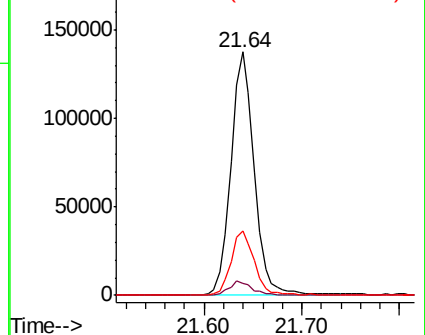
236 26.4 20.9 31.3



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: 97.138 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036222.D

Acq: 9 Aug 2018 7:51

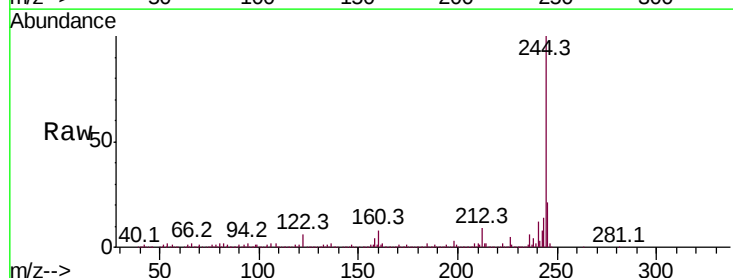
Tgt Ion:244 Resp: 1006516

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

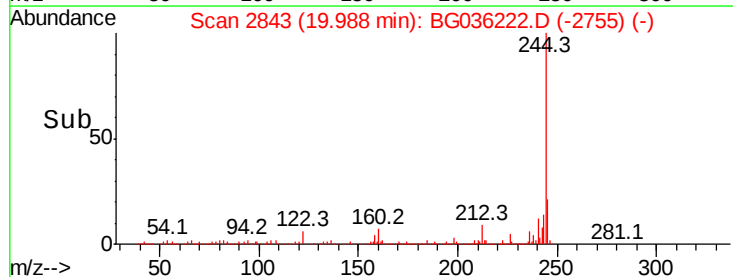
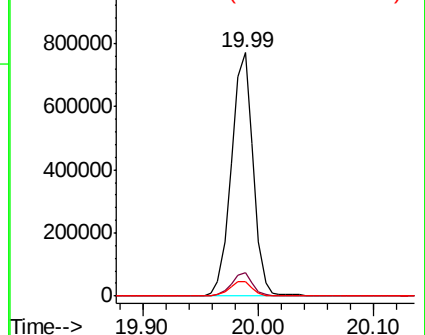
122 6.2 7.0 10.4#

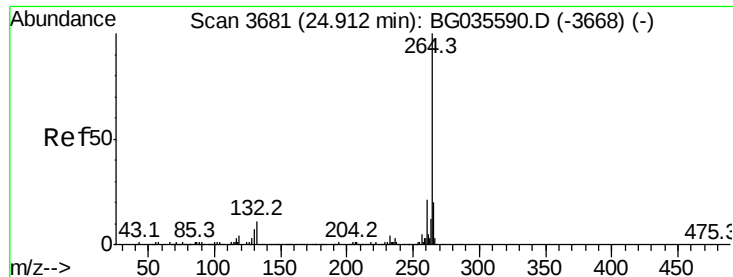


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

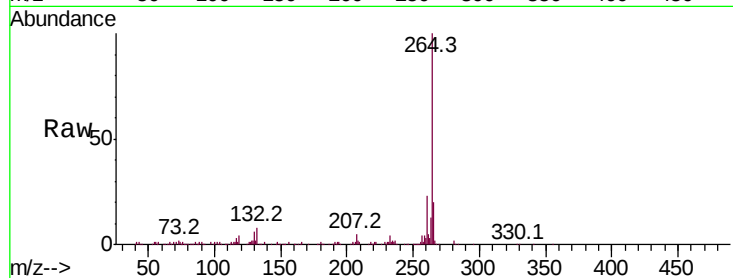




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3667
Delta R.T. -0.03 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Instrument :
BNA_G
ClientSampleId :
MW-22

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.3	17.7	26.5



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

