

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
 Data File : BG036202.D
 Acq On : 8 Aug 2018 17:54
 Operator : JU/SJ
 Sample : J4379-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-106S

Quant Time: Aug 09 01:31:22 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

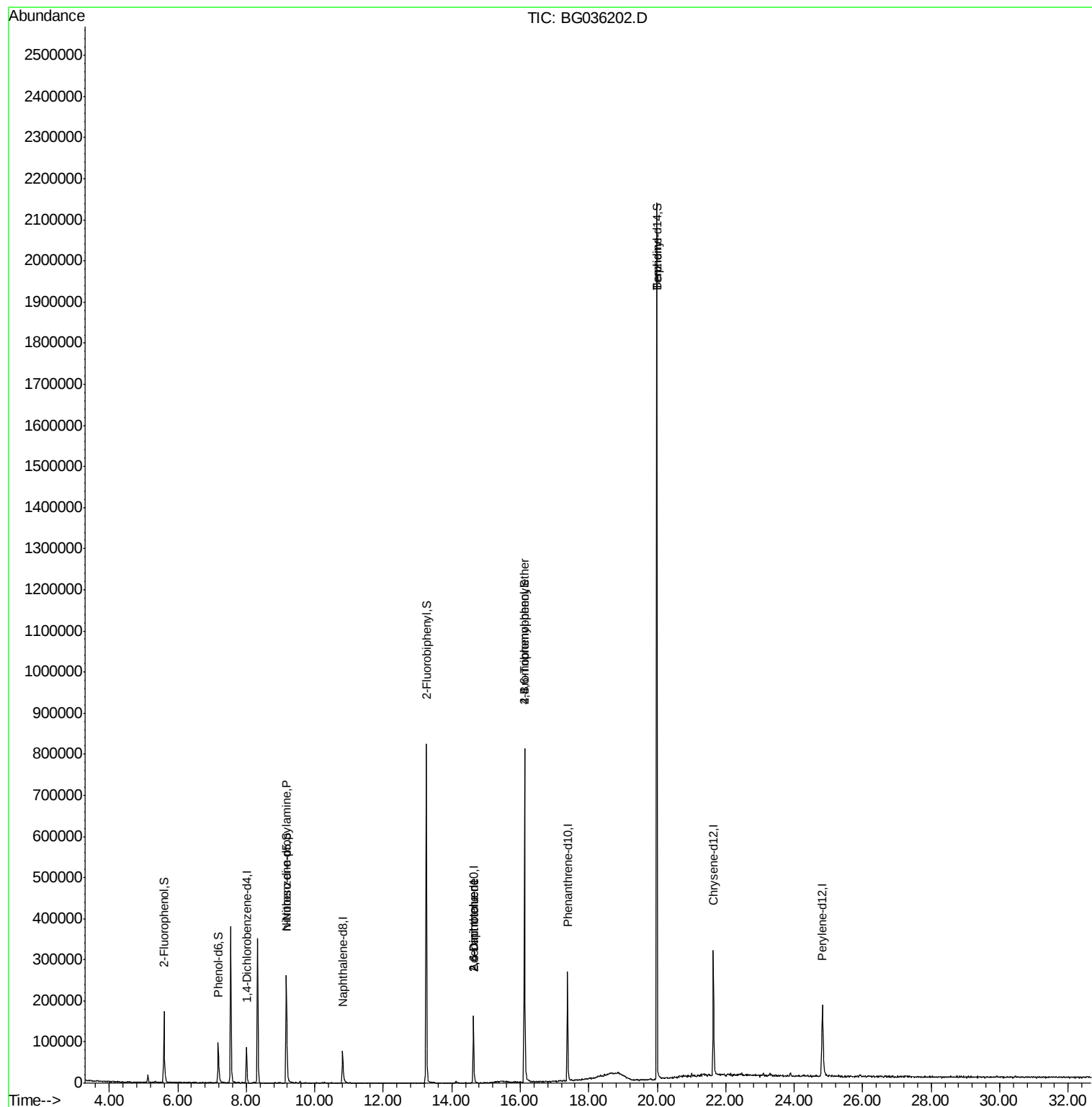
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25109	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	88361	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	59784	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	186082	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	208124	20.00	ng	-0.02
86) Perylene-d12	24.82	264	200732	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	86677	57.31	ng	0.00
7) Phenol-d6	7.18	99	73045	32.37	ng	-0.01
23) Nitrobenzene-d5	9.17	82	204659	96.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	157203	199.50	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	477623	107.03	ng	-0.02
78) Terphenyl-d14	19.99	244	1065671	112.87	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	27395	14.418	ng	# 71
50) 2,6-Dinitrotoluene	14.64	165	8593	8.056	ng	# 18
56) 2,4-Dinitrotoluene	14.64	165	8593	5.615	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	13059	6.049	ng	# 1
76) Benzidine	19.99	184	19829	3.624	ng	# 96

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

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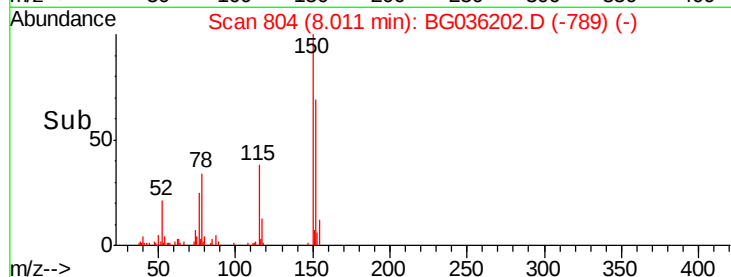
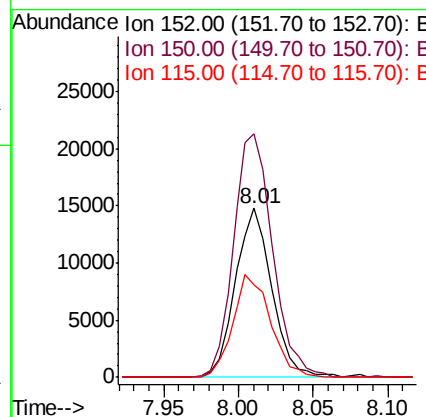
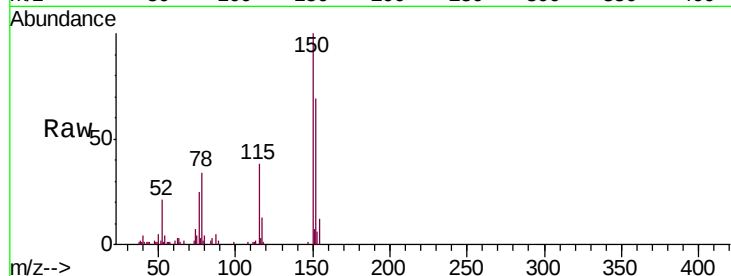


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036202.D
Acq: 8 Aug 2018 17:54

Instrument :
BNA_G
ClientSampleId :
MW-106S

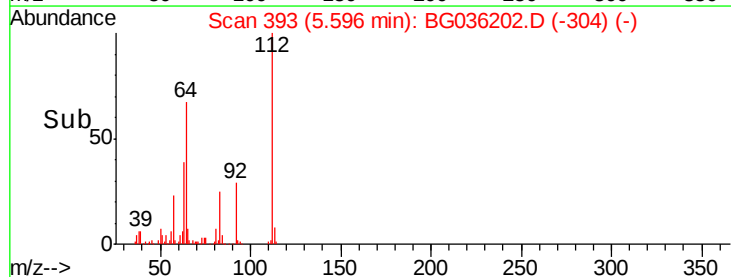
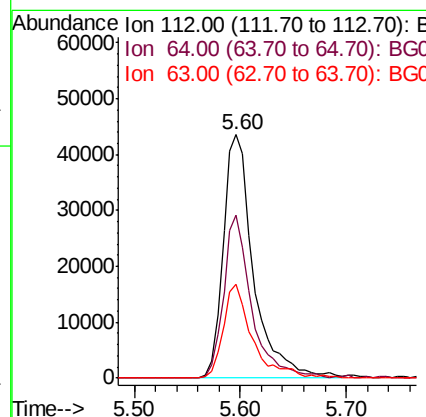
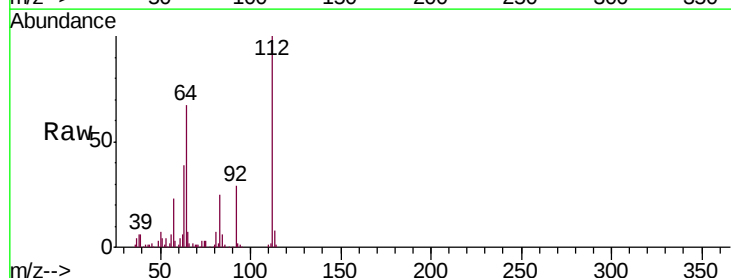
Tgt Ion:152 Resp: 25109
Ion Ratio Lower Upper
152 100
150 144.2 126.6 189.8
115 55.0 53.0 79.4



#5

2-Fluorophenol
Concen: 57.312 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036202.D
Acq: 8 Aug 2018 17:54

Tgt Ion:112 Resp: 86677
Ion Ratio Lower Upper
112 100
64 66.8 56.3 84.5
63 38.8 30.1 45.1





#7

Phenol-d6

Concen: 32.372 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036202.D

Acq: 8 Aug 2018 17:54

Instrument :

BNA_G

ClientSampleId :

MW-106S

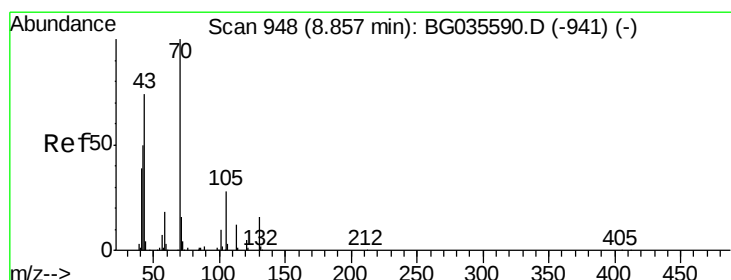
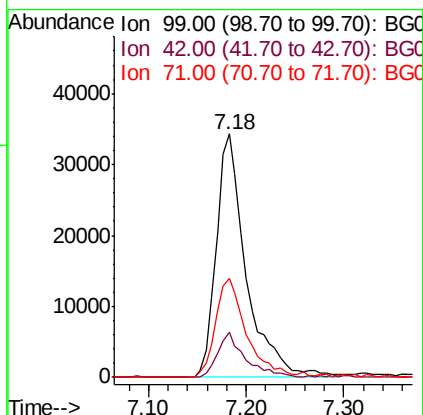
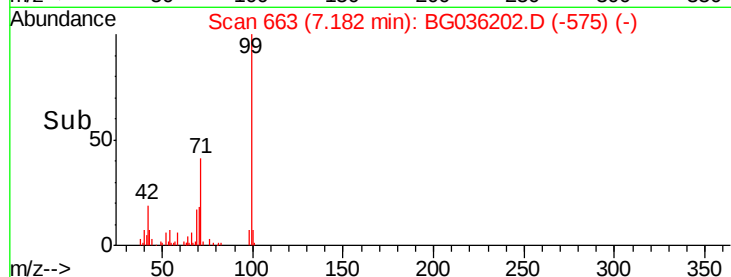
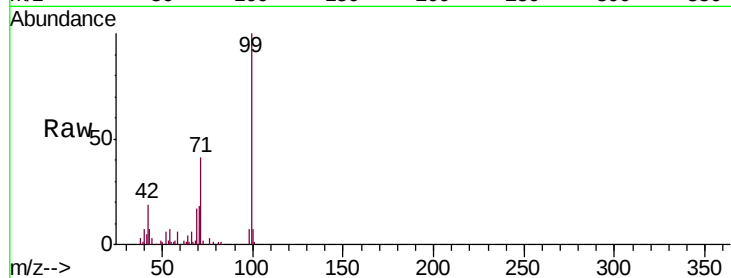
Tgt Ion: 99 Resp: 73045

Ion Ratio Lower Upper

99 100

42 18.7 14.1 21.1

71 40.6 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.418 ng

RT: 9.17 min Scan# 1002

Delta R.T. 0.34 min

Lab File: BG036202.D

Acq: 8 Aug 2018 17:54

Tgt Ion: 70 Resp: 27395

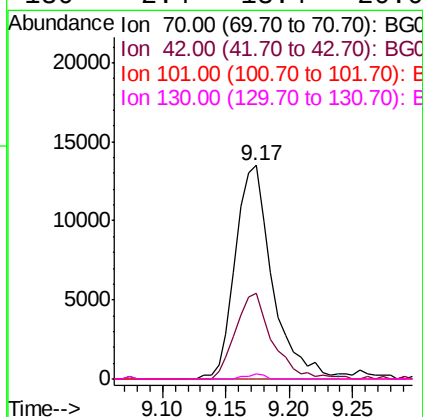
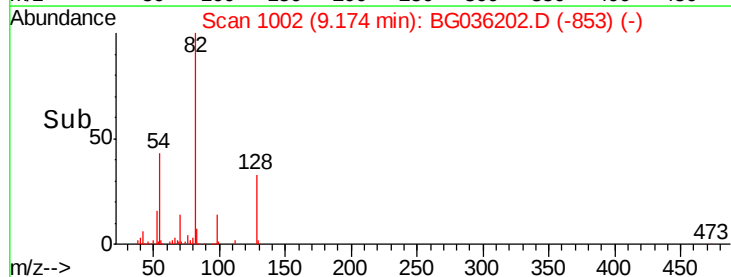
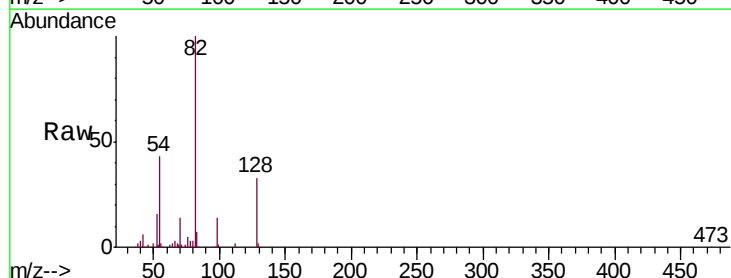
Ion Ratio Lower Upper

70 100

42 40.0 49.1 73.7#

101 0.0 8.5 12.7#

130 2.4 13.4 20.0#

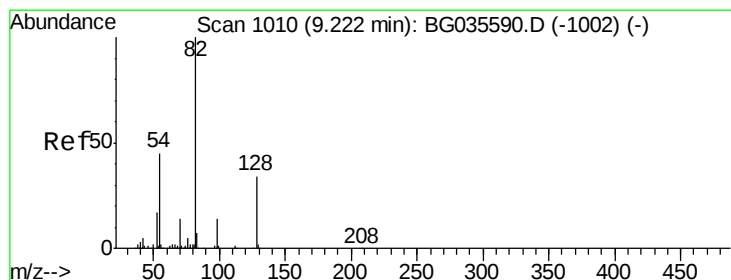
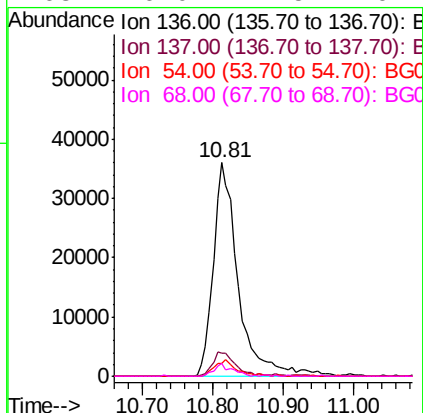
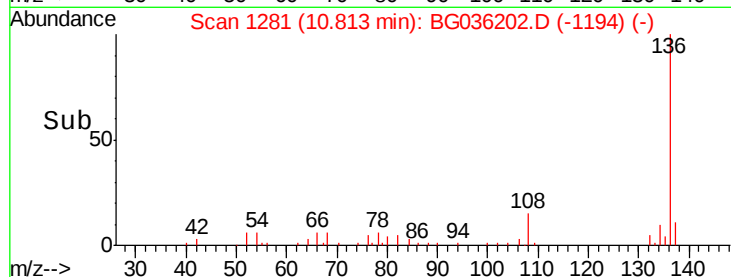
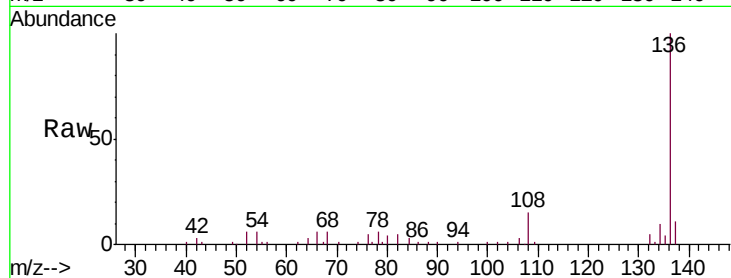




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036202.D
Acq: 8 Aug 2018 17:54

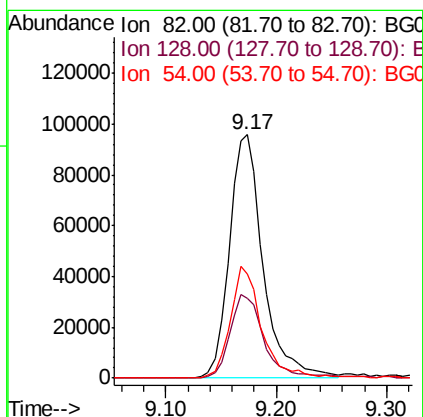
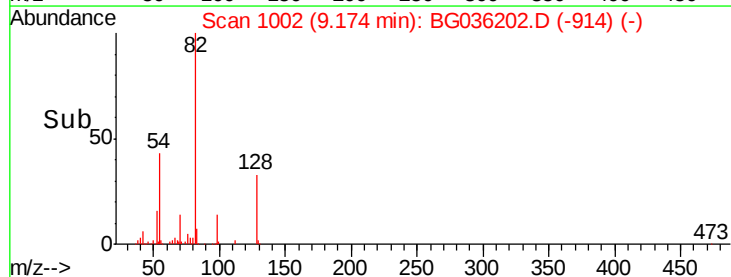
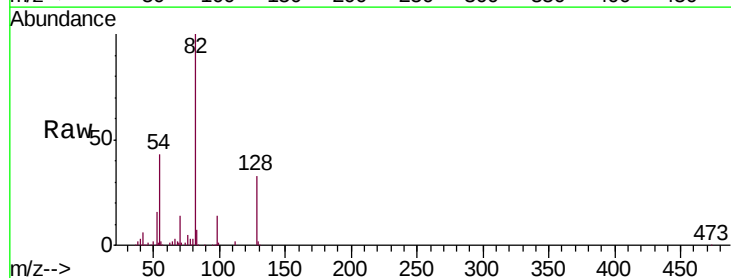
Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion:	136	Resp:	88361
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	6.2	10.3	15.5#
68	6.0	4.5	6.7



#23
Nitrobenzene-d5
Concen: 96.757 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036202.D
Acq: 8 Aug 2018 17:54

Tgt Ion:	82	Resp:	204659
Ion Ratio	Lower	Upper	
82	100		
128	32.9	29.7	44.5
54	42.8	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: BG036202.D

Acq: 8 Aug 2018 17:54

Instrument :

BNA_G

ClientSampleId :

MW-106S

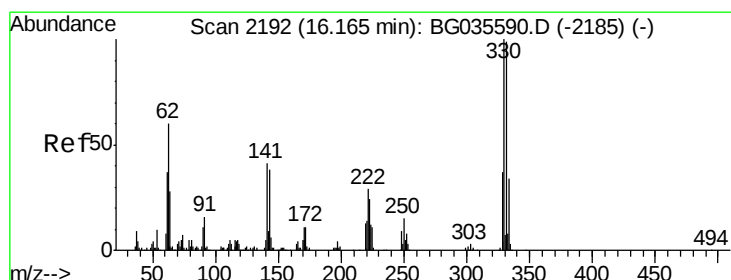
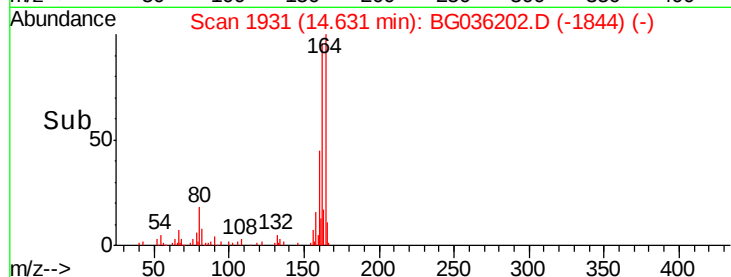
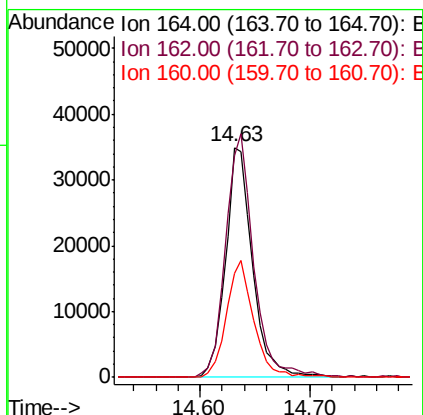
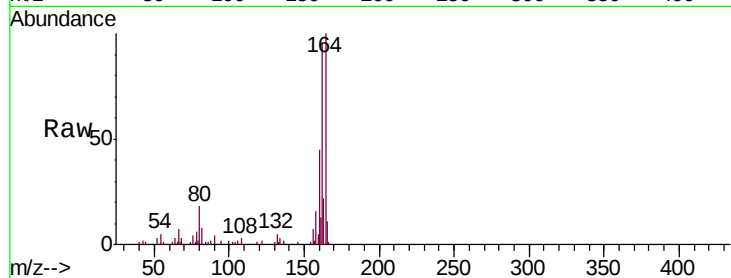
Tgt Ion:164 Resp: 59784

Ion Ratio Lower Upper

164 100

162 96.2 78.8 118.2

160 45.1 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 199.498 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036202.D

Acq: 8 Aug 2018 17:54

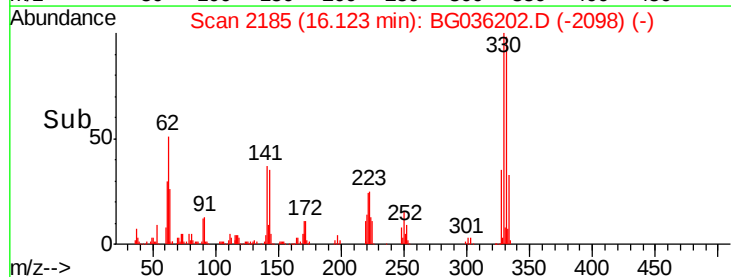
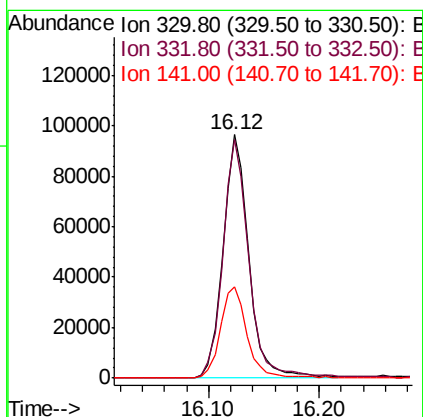
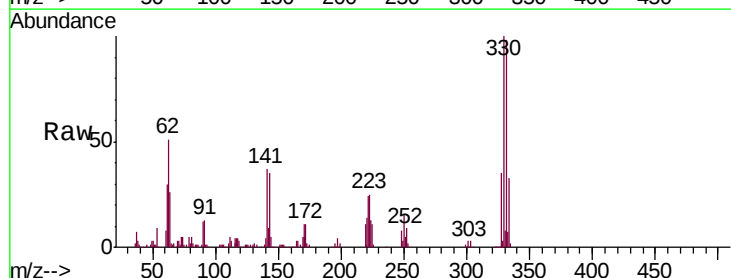
Tgt Ion:330 Resp: 157203

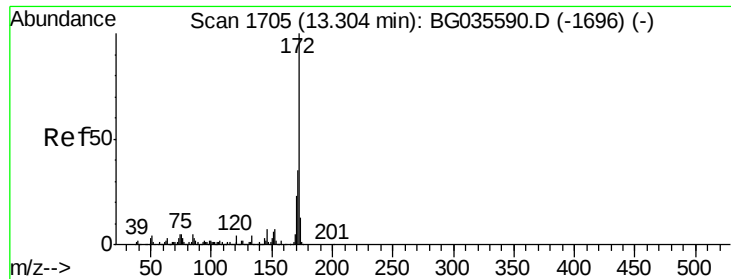
Ion Ratio Lower Upper

330 100

332 99.2 77.0 115.6

141 39.1 25.2 37.8#

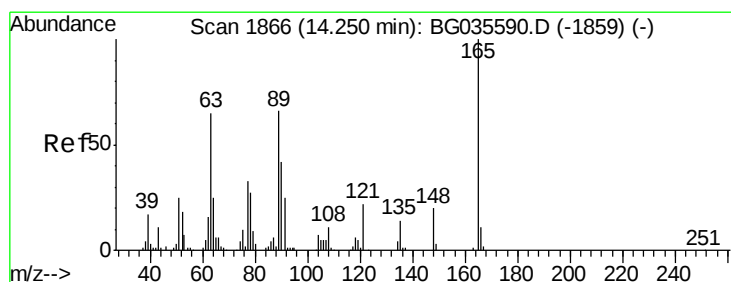
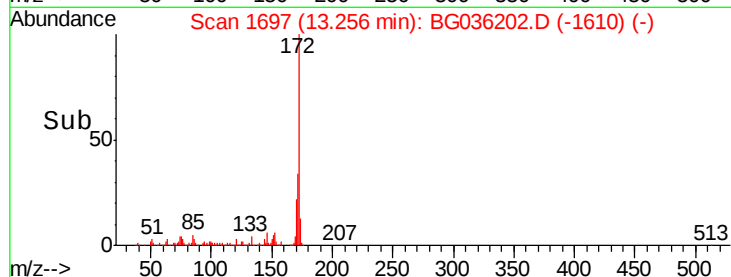
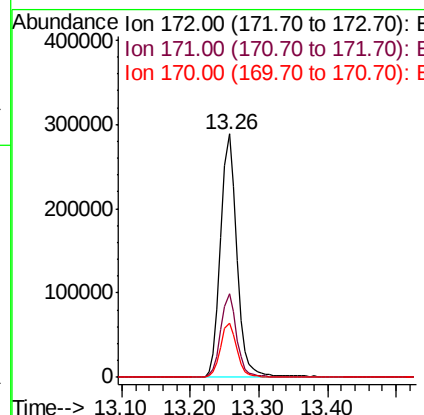
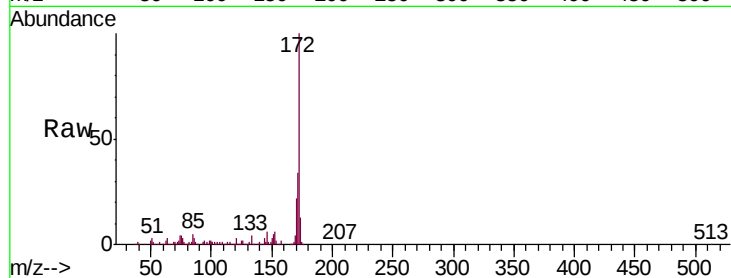




#44
 2-Fluorobiphenyl
 Concen: 107.034 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036202.D
 Acq: 8 Aug 2018 17:54

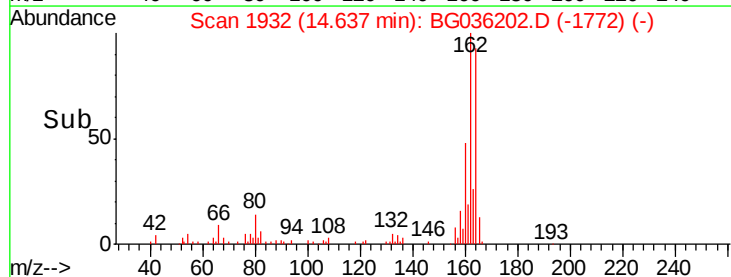
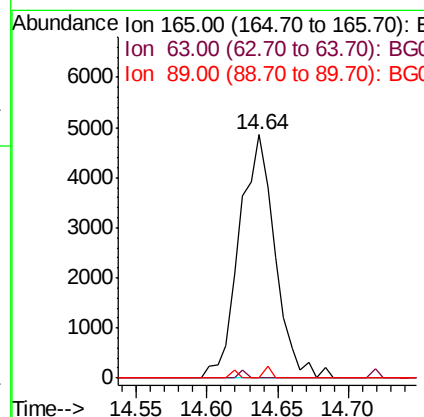
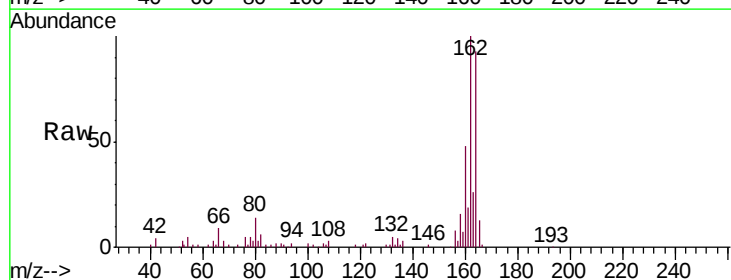
Instrument :
 BNA_G
 ClientSampleId :
 MW-106S

Tgt Ion:172 Resp: 477623
 Ion Ratio Lower Upper
 172 100
 171 34.2 30.0 45.0
 170 22.0 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.056 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. 0.41 min
 Lab File: BG036202.D
 Acq: 8 Aug 2018 17:54

Tgt Ion:165 Resp: 8593
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

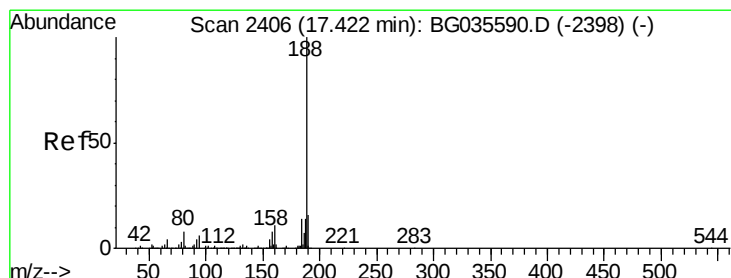
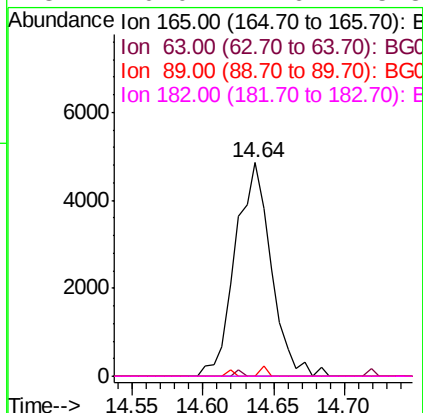
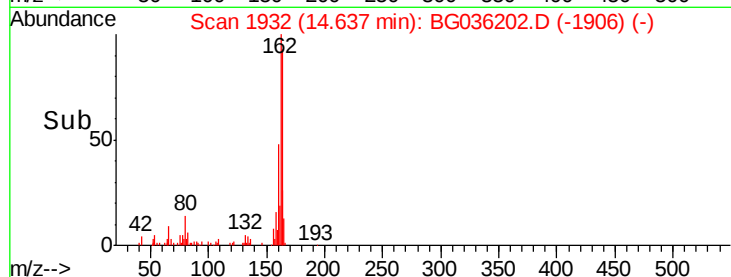
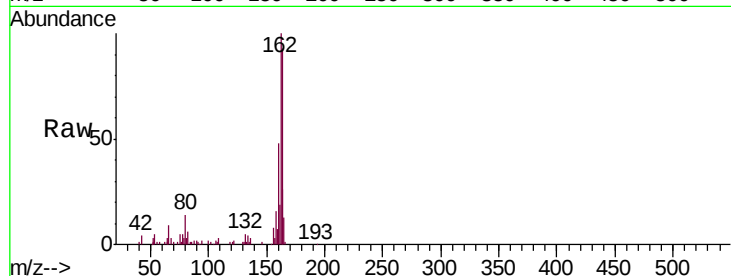




#56
 2,4-Dinitrotoluene
 Concen: 5.615 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.38 min
 Lab File: BG036202.D
 Acq: 8 Aug 2018 17:54

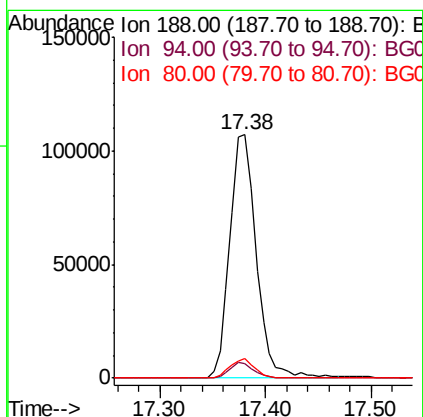
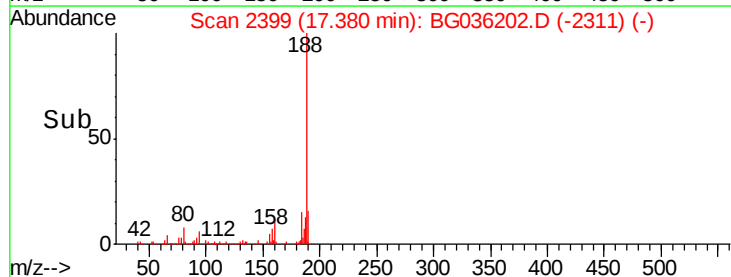
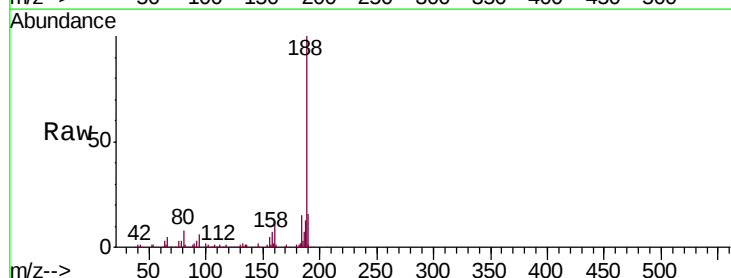
Instrument :
 BNA_G
 ClientSampleId :
 MW-106S

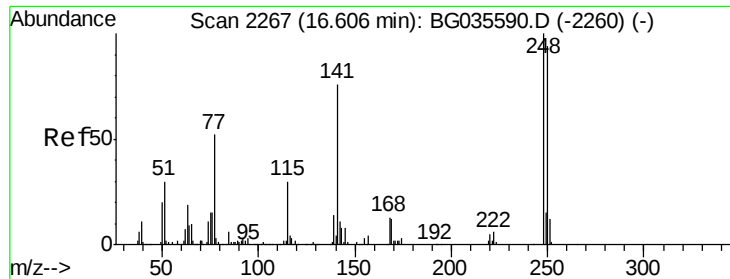
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036202.D
 Acq: 8 Aug 2018 17:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	8.1	7.7	11.5

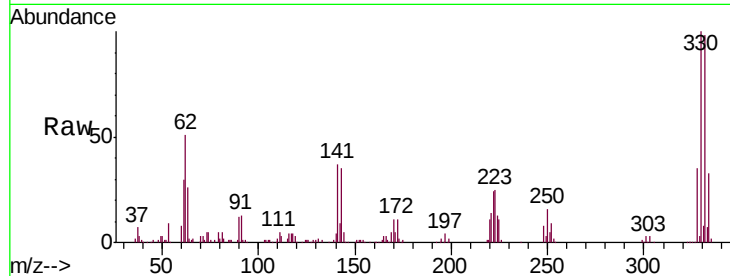




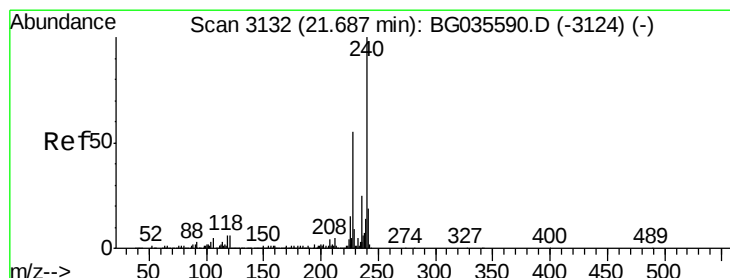
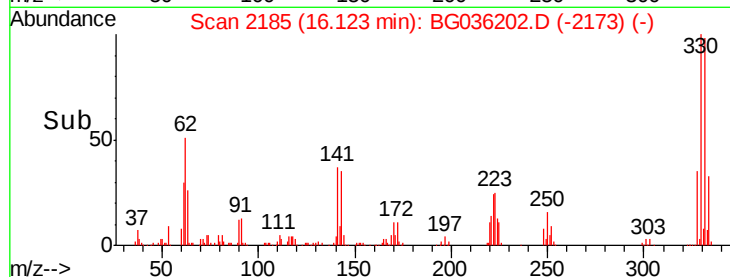
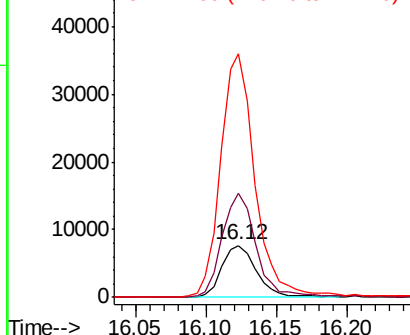
#66
 4-Bromophenyl-phenylether
 Concen: 6.049 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.46 min
 Lab File: BG036202.D
 Acq: 8 Aug 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 MW-106S

Tgt Ion:248 Resp: 13059
 Ion Ratio Lower Upper
 248 100
 250 200.1 77.1 115.7#
 141 469.4 50.8 76.2#

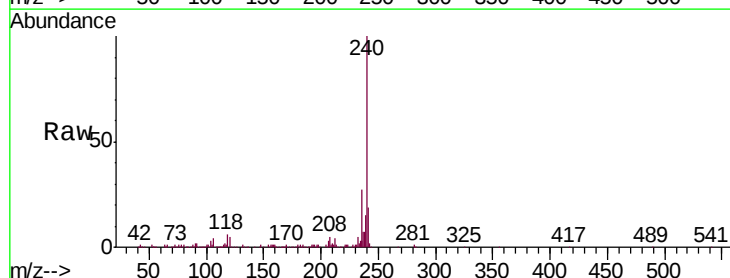


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

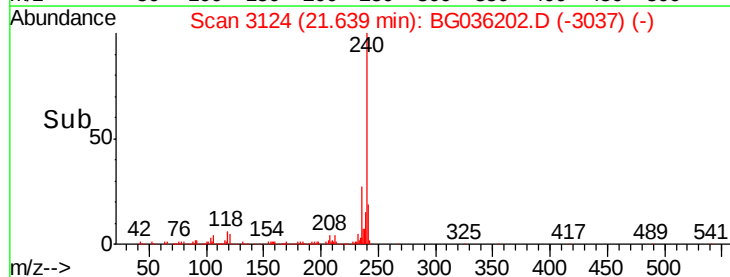
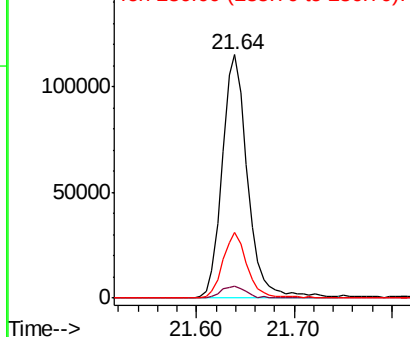


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036202.D
 Acq: 8 Aug 2018 17:54

Tgt Ion:240 Resp: 208124
 Ion Ratio Lower Upper
 240 100
 120 4.7 6.8 10.2#
 236 26.9 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





#76

Benzidine

Concen: 3.624 ng

RT: 19.99 min Scan# 2843

Delta R.T. 0.36 min

Lab File: BG036202.D

Acq: 8 Aug 2018 17:54

Instrument :

BNA_G

ClientSampleId :

MW-106S

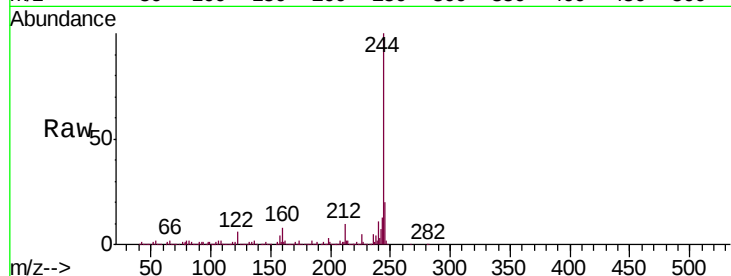
Tgt Ion:184 Resp: 19829

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

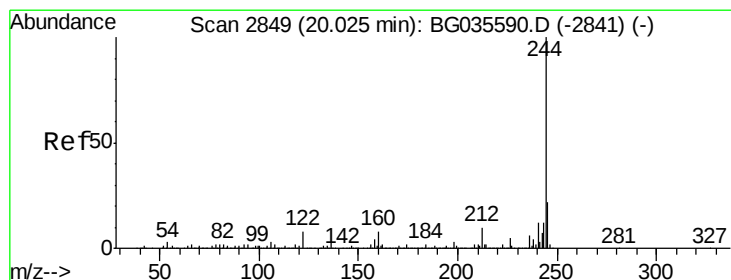
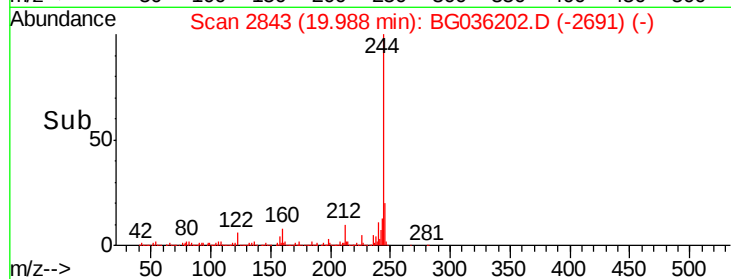
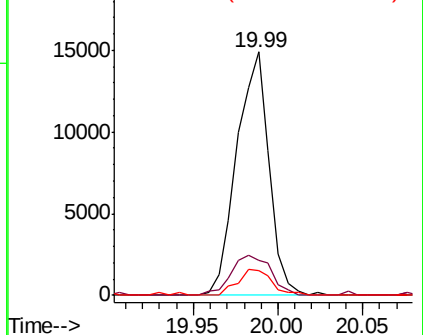
183 10.2 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 112.868 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036202.D

Acq: 8 Aug 2018 17:54

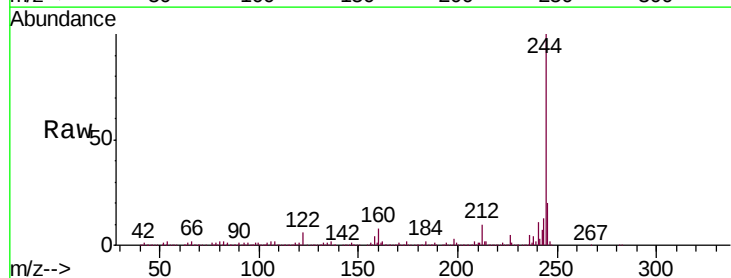
Tgt Ion:244 Resp: 1065671

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

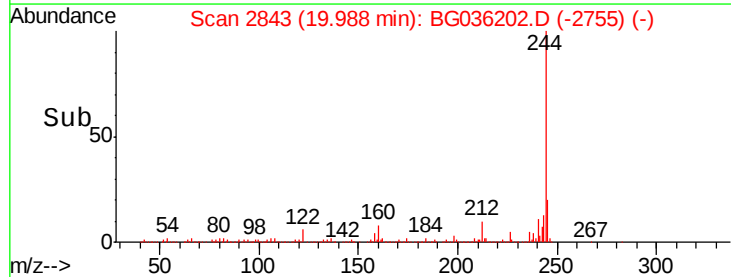
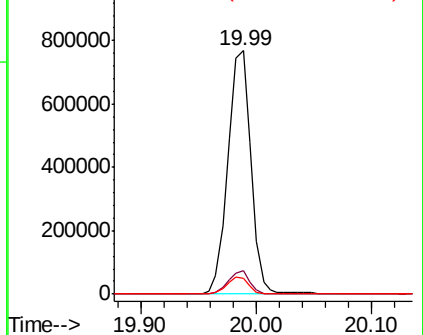
122 6.5 7.0 10.4#

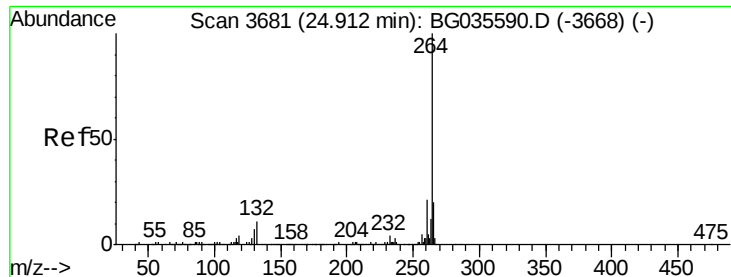


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3666
Delta R.T. -0.04 min
Lab File: BG036202.D
Acq: 8 Aug 2018 17:54

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.0	17.7	26.5

