

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
 Data File : BG036203.D
 Acq On : 8 Aug 2018 18:33
 Operator : JU/SJ
 Sample : J4379-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-106I

Quant Time: Aug 09 01:31:35 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

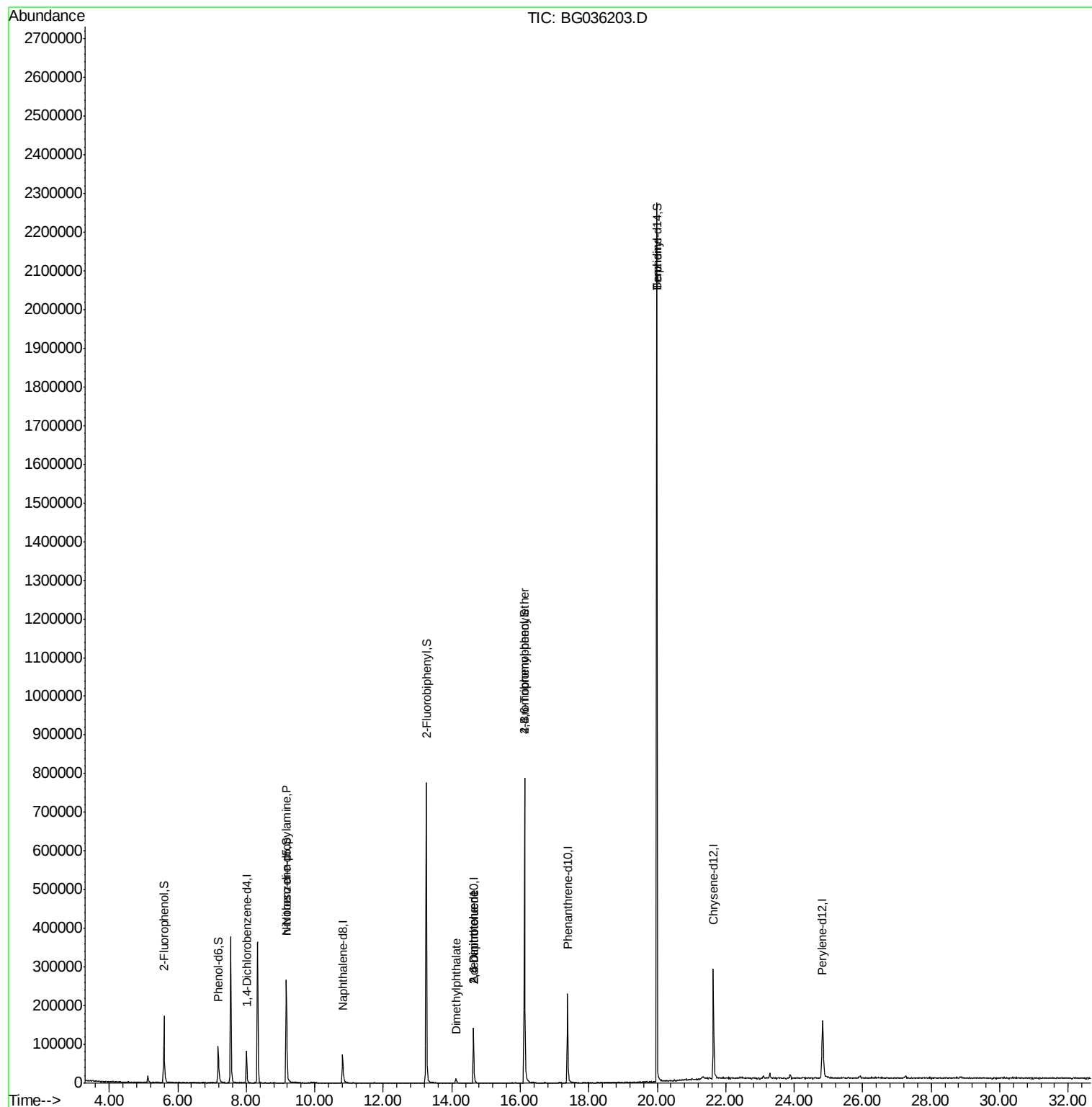
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	22871	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	79607	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	55182	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	174598	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	197840	20.00	ng	-0.02
86) Perylene-d12	24.83	264	191838	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	89331	64.85	ng	0.00
7) Phenol-d6	7.18	99	69717	33.92	ng	-0.01
23) Nitrobenzene-d5	9.17	82	209715	110.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	155697	214.07	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	469349	113.95	ng	-0.02
78) Terphenyl-d14	19.99	244	1147065	127.80	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	29205	16.874	ng	# 67
49) Dimethylphthalate	14.12	163	13746	2.843	ng	# 96
50) 2,6-Dinitrotoluene	14.64	165	8042	8.168	ng	# 23
56) 2,4-Dinitrotoluene	14.64	165	8042	5.694	ng	# 20
66) 4-Bromophenyl-phenylether	16.12	248	12993	6.414	ng	# 1
76) Benzidine	19.98	184	21712	4.174	ng	94

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

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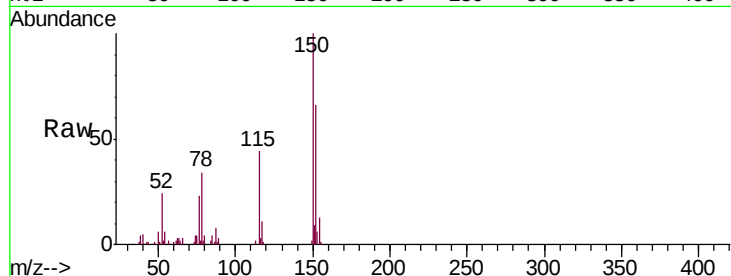


#1

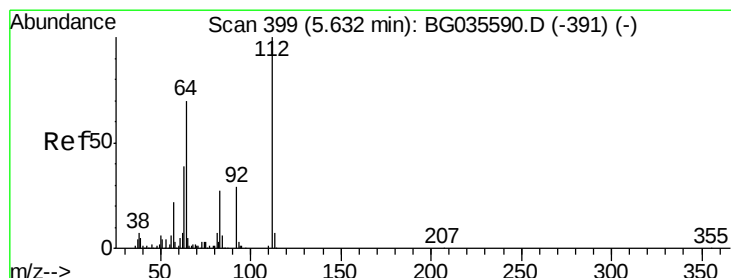
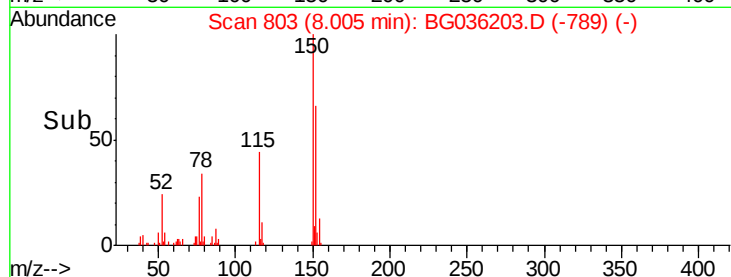
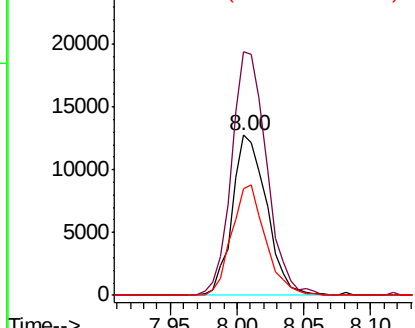
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Instrument :
BNA_G
ClientSampleId :
MW-106I

Tgt Ion:152 Resp: 22871
Ion Ratio Lower Upper
152 100
150 151.9 126.6 189.8
115 66.9 53.0 79.4



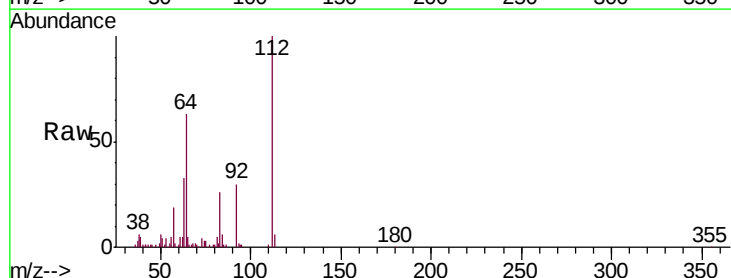
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



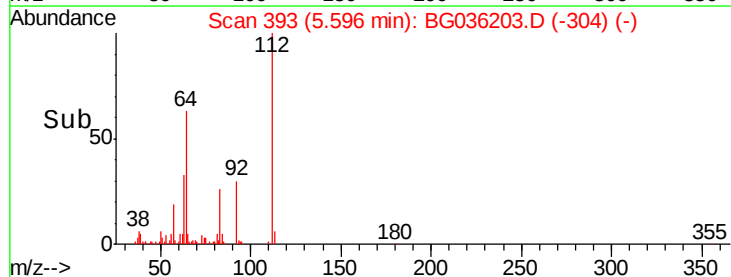
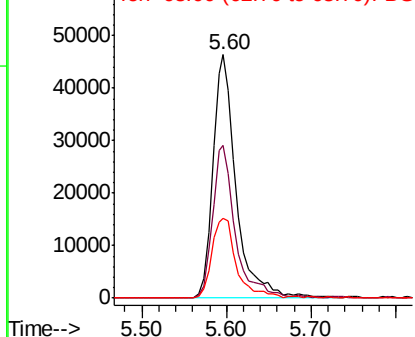
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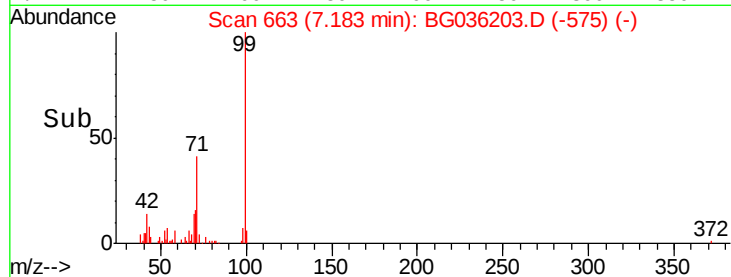
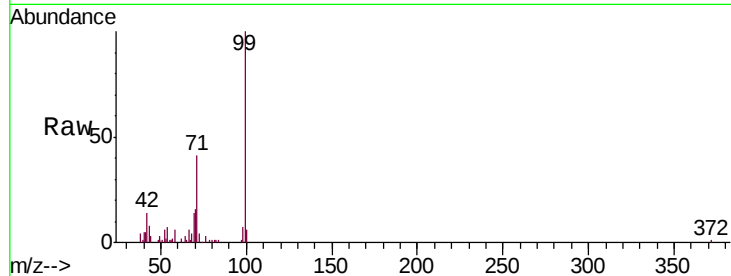
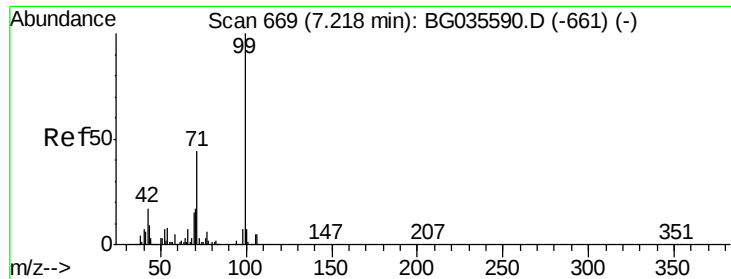
2-Fluorophenol
Concen: 64.847 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Tgt Ion:112 Resp: 89331
Ion Ratio Lower Upper
112 100
64 62.5 56.3 84.5
63 33.0 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: 33.920 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036203.D

Acq: 8 Aug 2018 18:33

Instrument :

BNA_G

ClientSampleId :

MW-106I

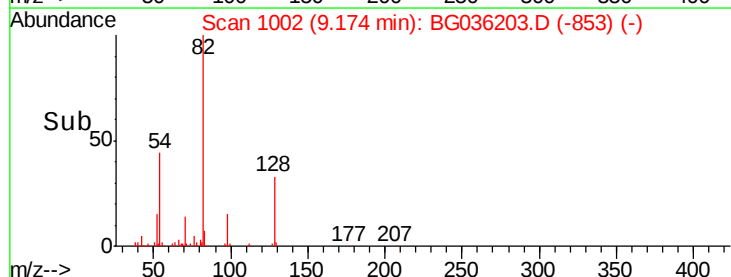
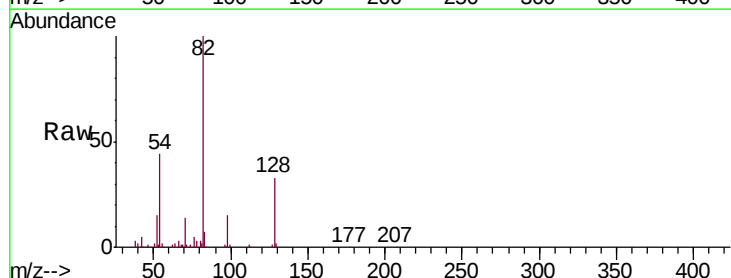
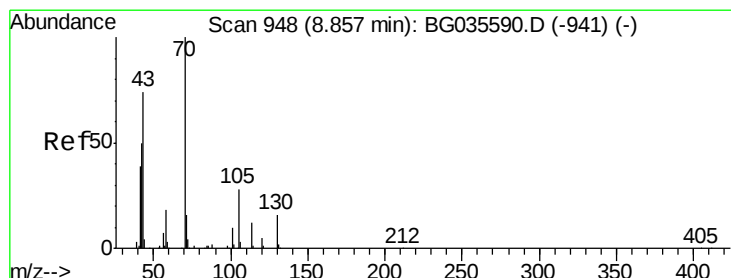
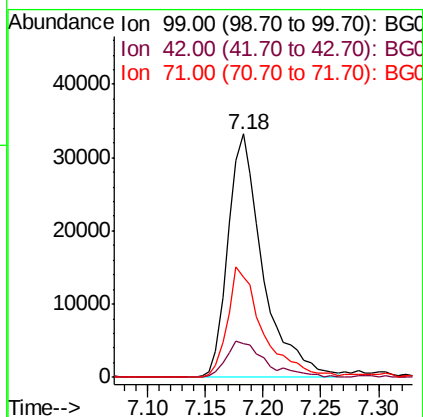
Tgt Ion: 99 Resp: 69717

Ion Ratio Lower Upper

99 100

42 13.6 14.1 21.1#

71 41.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.874 ng

RT: 9.17 min Scan# 1002

Delta R.T. 0.34 min

Lab File: BG036203.D

Acq: 8 Aug 2018 18:33

Tgt Ion: 70 Resp: 29205

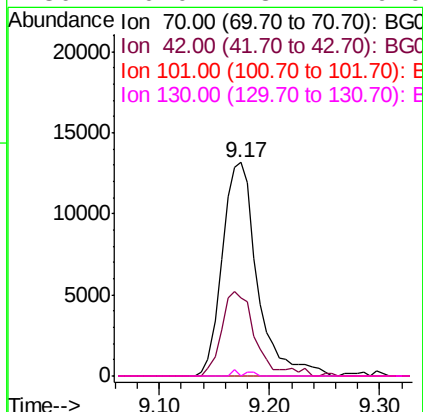
Ion Ratio Lower Upper

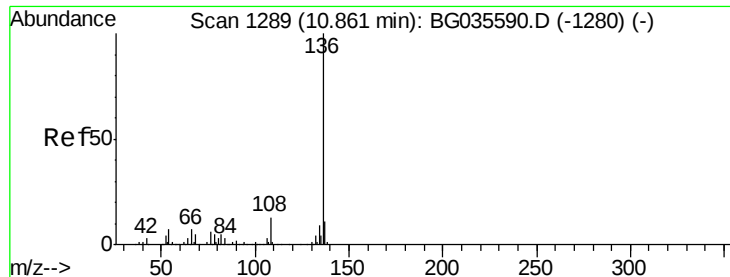
70 100

42 36.5 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

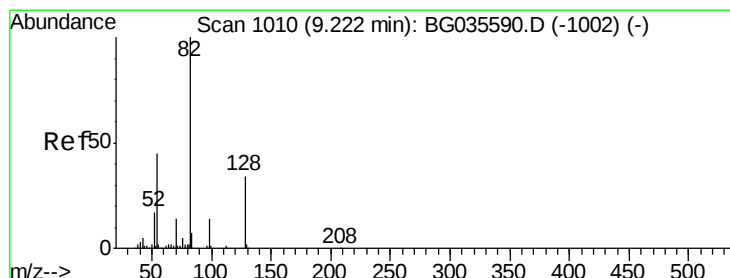
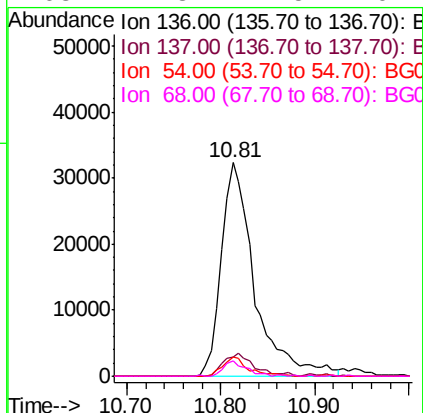
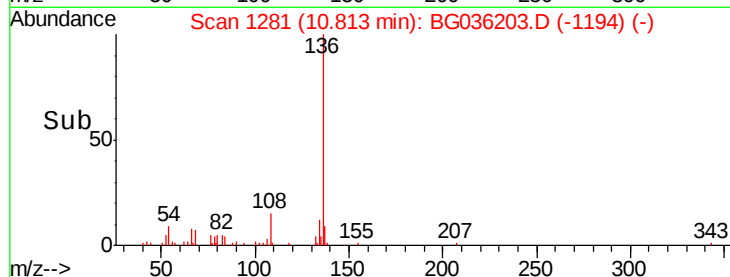
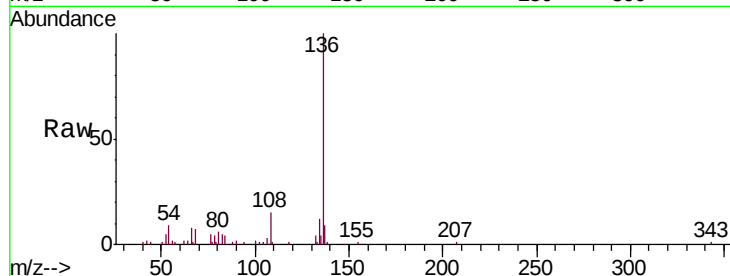




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

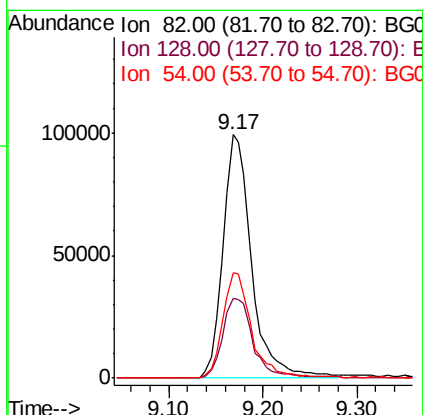
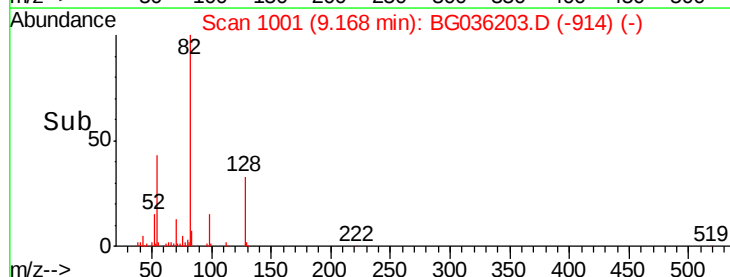
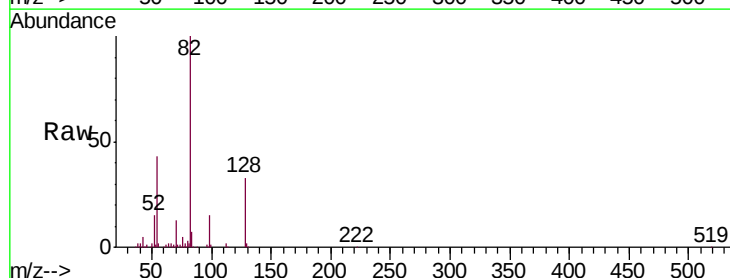
Instrument :
BNA_G
ClientSampleId :
MW-106I

Tgt Ion:	136	Resp:	79607
Ion	Ratio	Lower	Upper
136	100		
137	8.8	9.2	13.8#
54	8.8	10.3	15.5#
68	7.3	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 110.050 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036203.D
Acq: 8 Aug 2018 18:33

Tgt Ion:	82	Resp:	209715
Ion	Ratio	Lower	Upper
82	100		
128	33.0	29.7	44.5
54	43.3	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG036203.D

Acq: 8 Aug 2018 18:33

Instrument :

BNA_G

ClientSampleId :

MW-106I

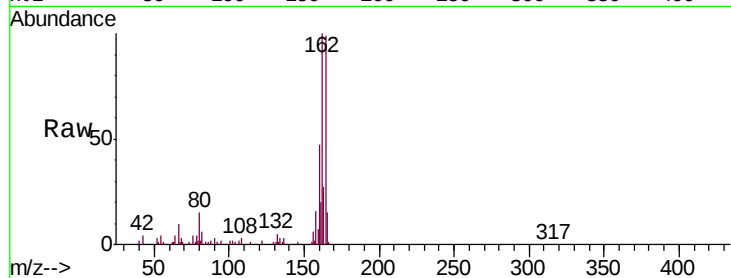
Tgt Ion:164 Resp: 55182

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

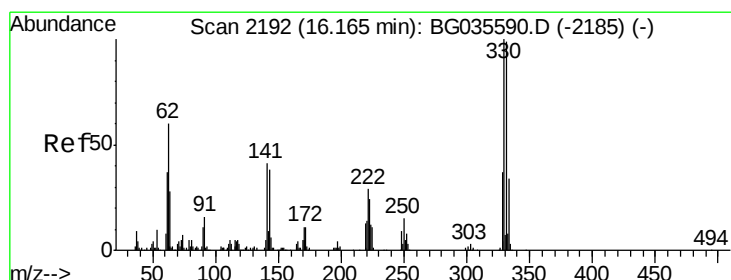
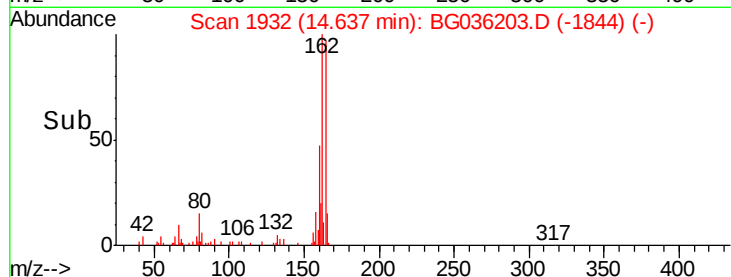
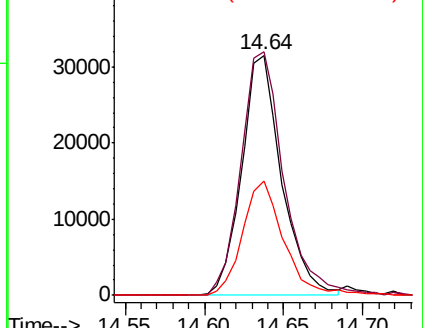
160 47.9 35.4 53.0



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: 214.065 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036203.D

Acq: 8 Aug 2018 18:33

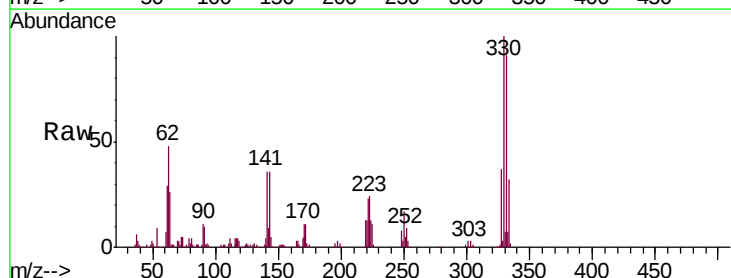
Tgt Ion:330 Resp: 155697

Ion Ratio Lower Upper

330 100

332 99.4 77.0 115.6

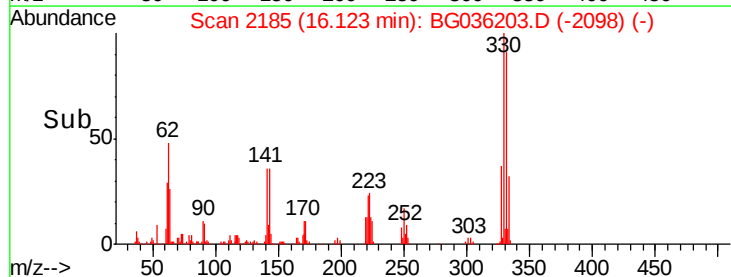
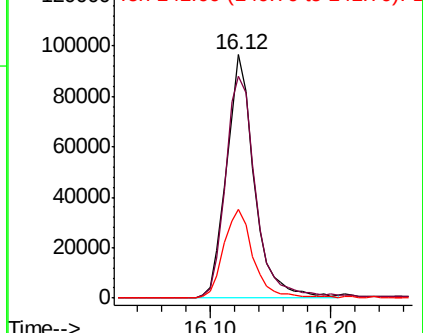
141 38.1 25.2 37.8#

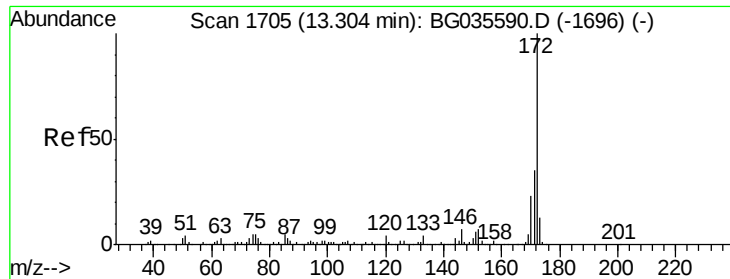


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

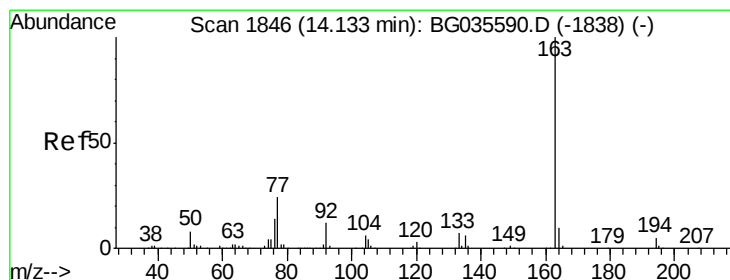
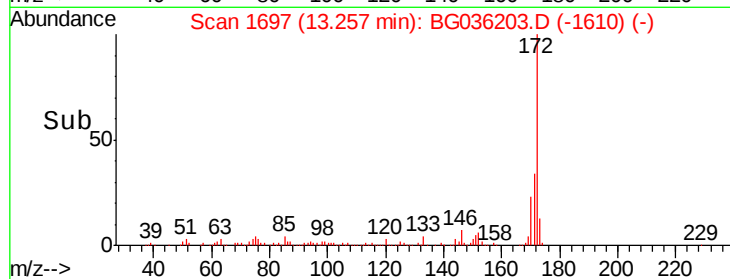
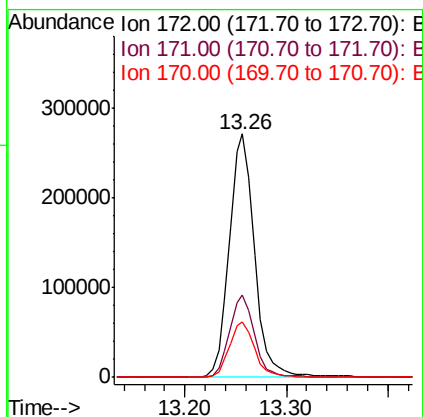
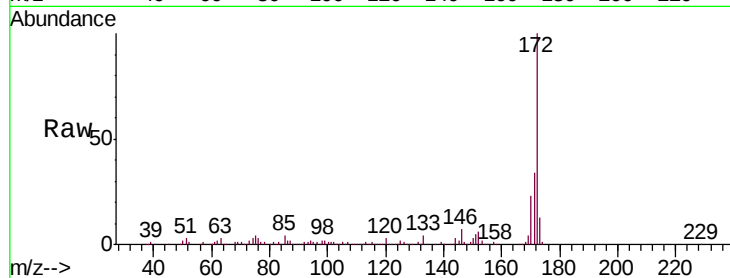




#44
 2-Fluorobiphenyl
 Concen: 113.951 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036203.D
 Acq: 8 Aug 2018 18:33

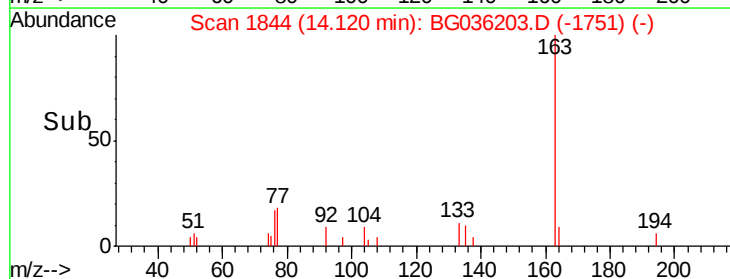
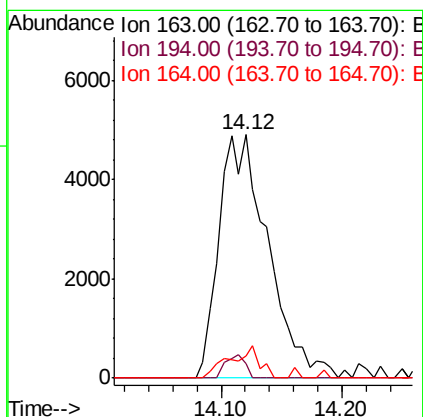
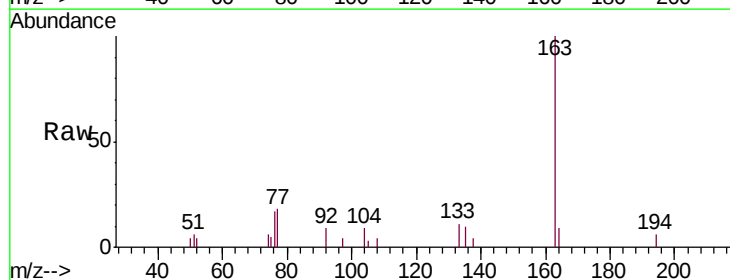
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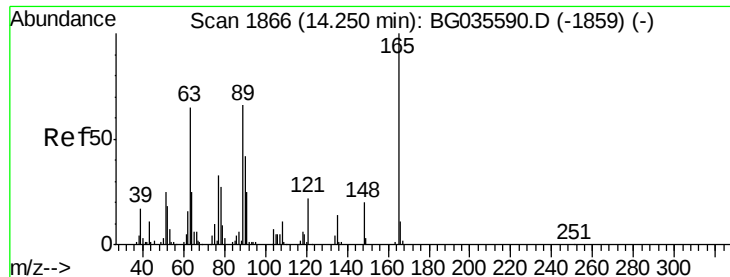
Tgt Ion:172 Resp: 469349
 Ion Ratio Lower Upper
 172 100
 171 33.9 30.0 45.0
 170 22.7 19.5 29.3



#49
 Dimethylphthalate
 Concen: 2.843 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. 0.02 min
 Lab File: BG036203.D
 Acq: 8 Aug 2018 18:33

Tgt Ion:163 Resp: 13746
 Ion Ratio Lower Upper
 163 100
 194 5.9 3.4 5.2#
 164 9.0 8.2 12.4

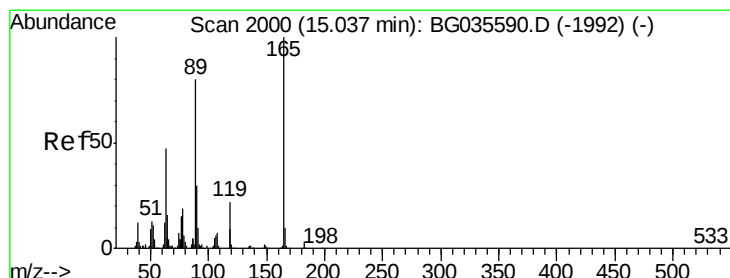
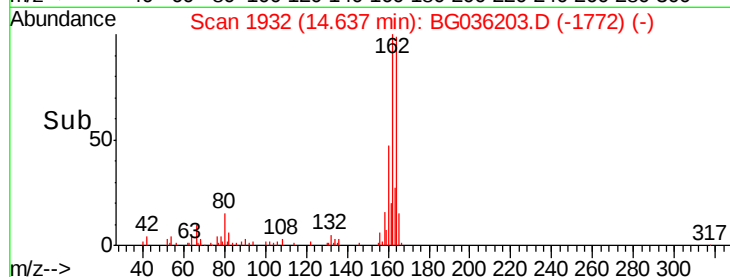
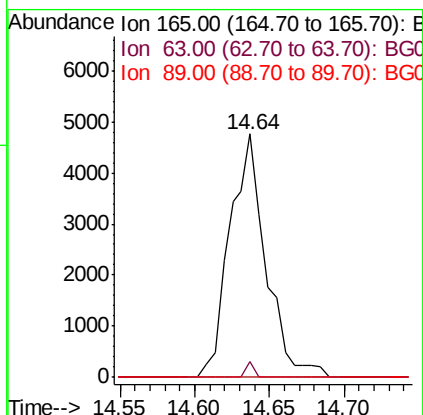
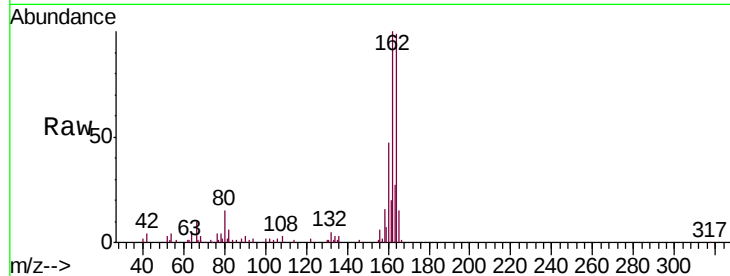




#50
 2,6-Dinitrotoluene
 Concen: 8.168 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. 0.41 min
 Lab File: BG036203.D
 Acq: 8 Aug 2018 18:33

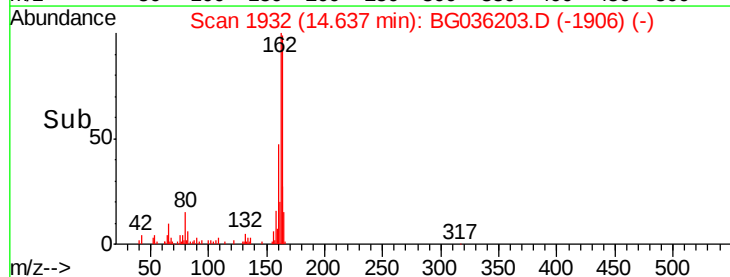
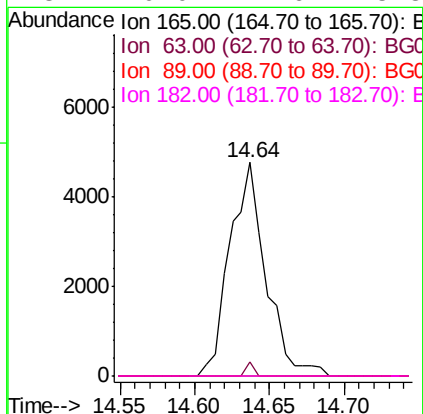
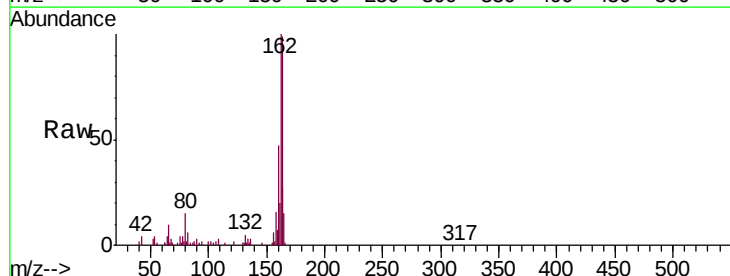
Instrument :
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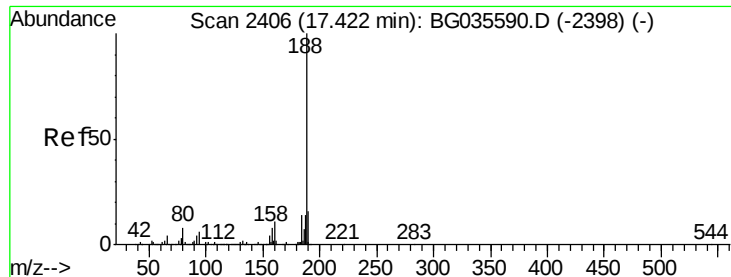
Tgt Ion:165 Resp: 8042
 Ion Ratio Lower Upper
 165 100
 63 6.4 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.694 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.38 min
 Lab File: BG036203.D
 Acq: 8 Aug 2018 18:33

Tgt Ion:165 Resp: 8042
 Ion Ratio Lower Upper
 165 100
 63 6.4 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

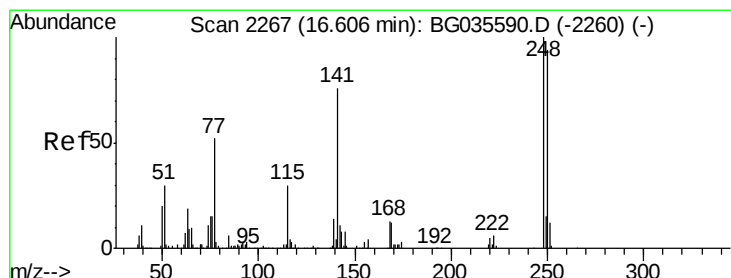
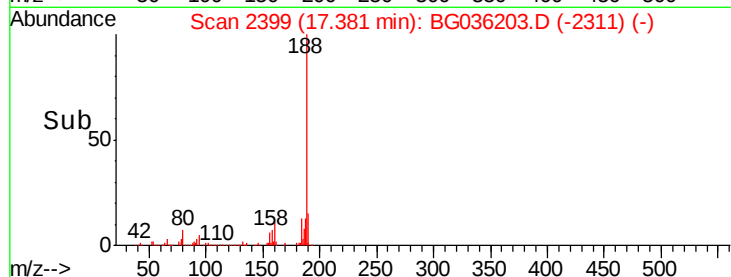
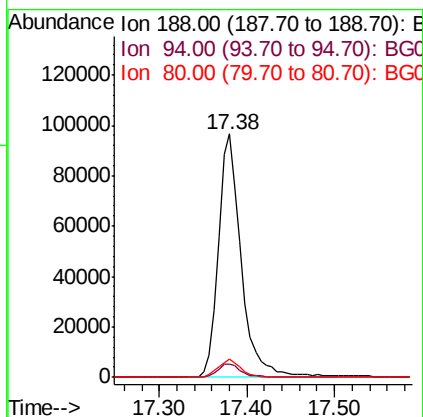
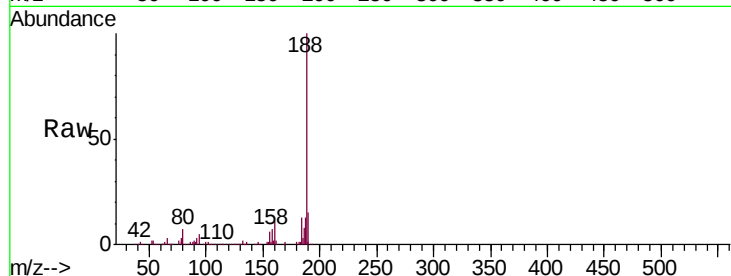




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036203.D
 Acq: 8 Aug 2018 18:33

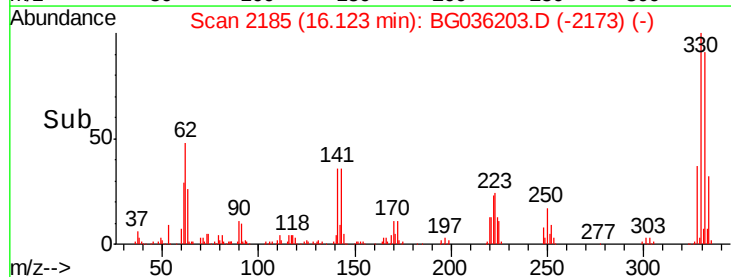
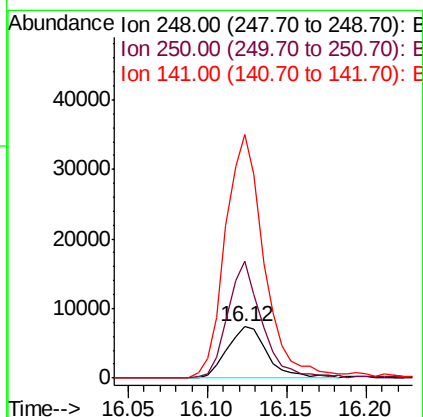
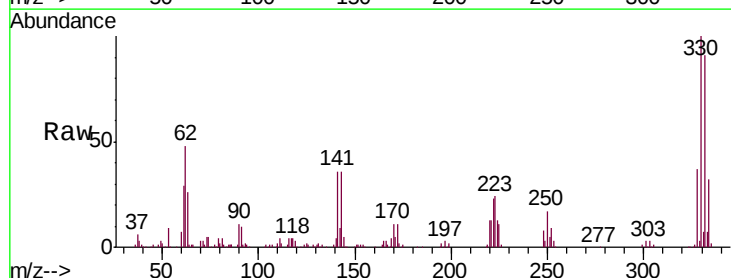
Instrument :
 BNA_G
 ClientSampleId :
 MW-106I

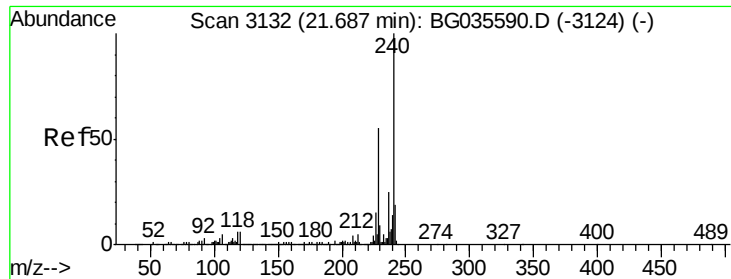
Tgt Ion:188 Resp: 174598
 Ion Ratio Lower Upper
 188 100
 94 5.3 6.9 10.3#
 80 7.5 7.7 11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 6.414 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.46 min
 Lab File: BG036203.D
 Acq: 8 Aug 2018 18:33

Tgt Ion:248 Resp: 12993
 Ion Ratio Lower Upper
 248 100
 250 228.3 77.1 115.7#
 141 476.3 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036203.D

Acq: 8 Aug 2018 18:33

Instrument :

BNA_G

ClientSampleId :

MW-106I

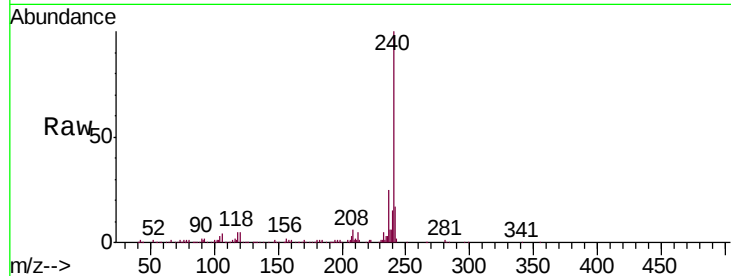
Tgt Ion:240 Resp: 197840

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

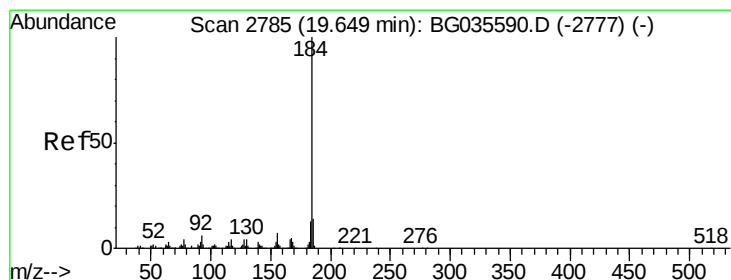
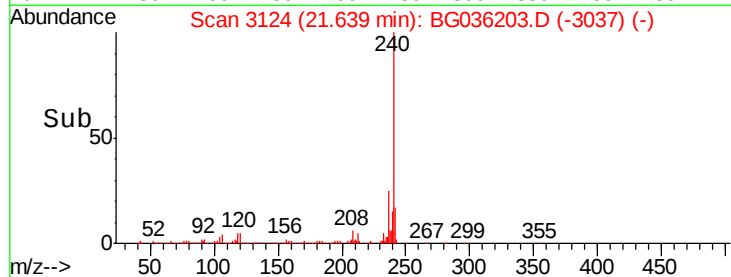
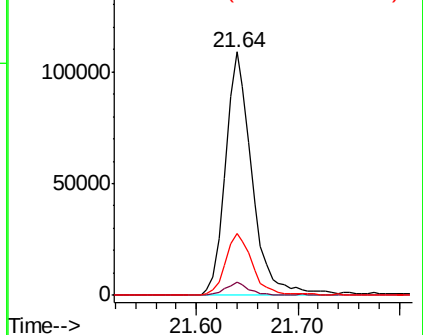
236 25.2 20.9 31.3



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: 4.174 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036203.D

Acq: 8 Aug 2018 18:33

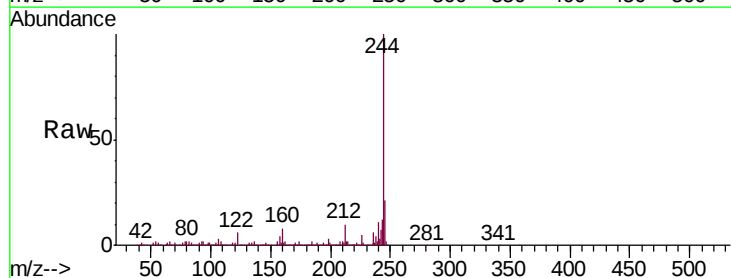
Tgt Ion:184 Resp: 21712

Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

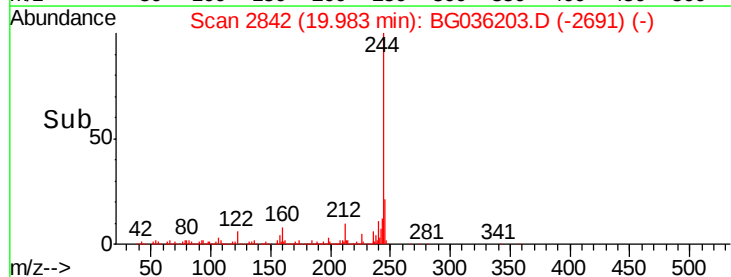
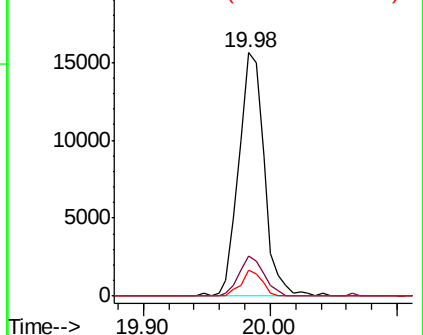
183 10.9 10.6 16.0

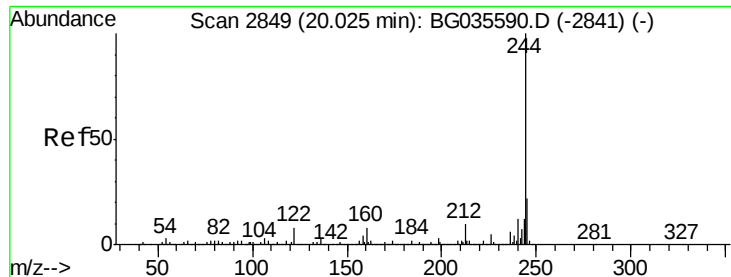


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

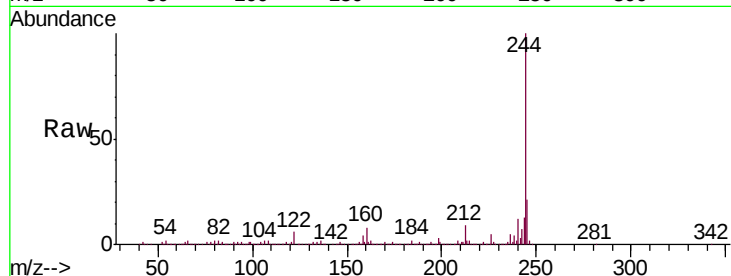




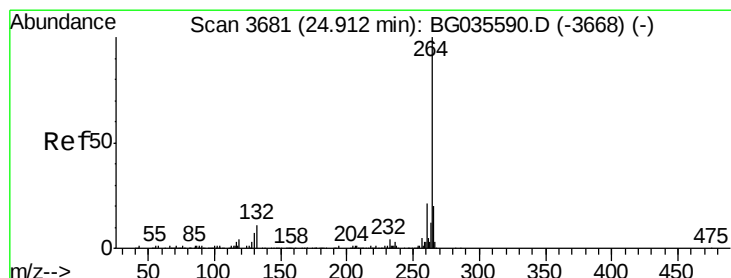
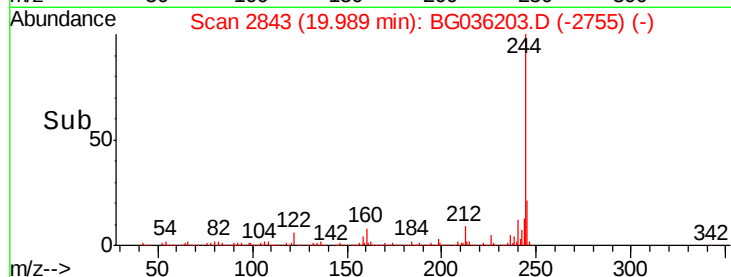
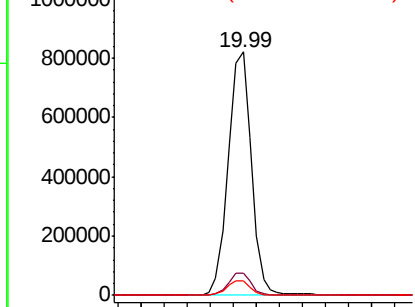
#78
 Terphenyl-d14
 Concen: 127.804 ng
 RT: 19.99 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BG036203.D
 Acq: 8 Aug 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 MW-106I

Tgt Ion:244 Resp: 1147065
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 6.0 7.0 10.4#

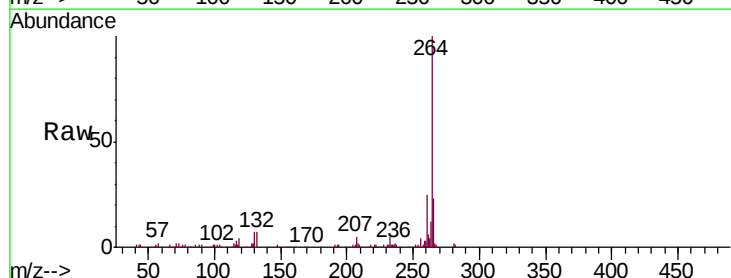


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. -0.03 min
 Lab File: BG036203.D
 Acq: 8 Aug 2018 18:33

Tgt Ion:264 Resp: 191838
 Ion Ratio Lower Upper
 264 100
 260 25.0 17.4 26.0
 265 22.7 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

