

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
 Data File : BG037212.D
 Acq On : 6 Oct 2018 14:36
 Operator : JU/SJ
 Sample : J5238-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MT-T-5-8

Quant Time: Oct 08 04:47:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

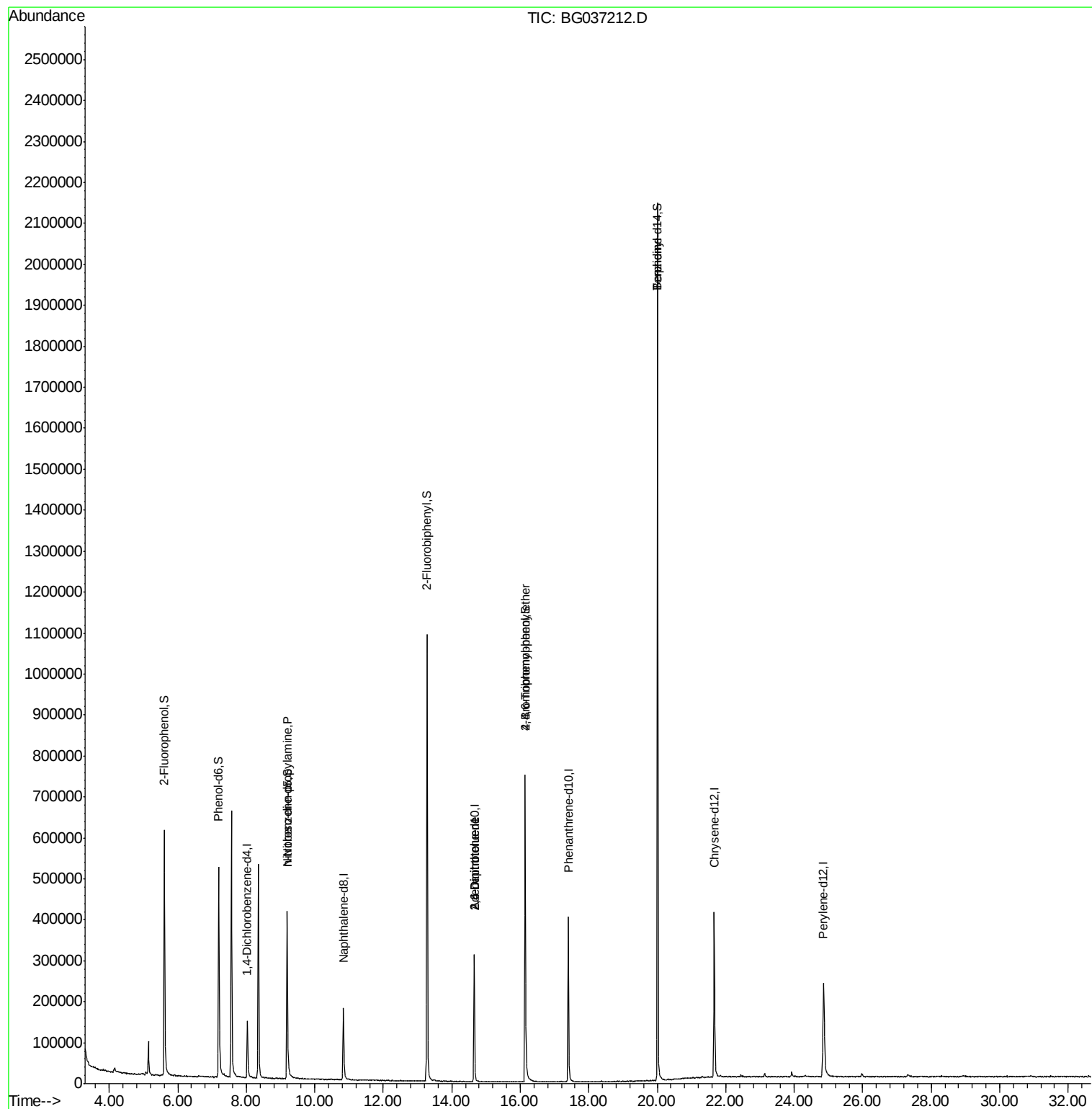
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46526	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	184451	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	114995	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	291161	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	295800	20.00	ng	-0.02
86) Perylene-d12	24.86	264	281386	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	275164	113.42	ng	-0.01
7) Phenol-d6	7.19	99	346951	92.43	ng	-0.02
23) Nitrobenzene-d5	9.19	82	303942	88.24	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	153580	111.63	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	627315	81.25	ng	-0.02
78) Terphenyl-d14	20.01	244	1050188	93.36	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	39697	12.713	ng	# 76
50) 2,6-Dinitrotoluene	14.65	165	14411	7.136	ng	# 23
56) 2,4-Dinitrotoluene	14.65	165	14411	5.114	ng	# 21
66) 4-Bromophenyl-phenylether	16.14	248	10886	3.287	ng	# 1
76) Benzidine	20.01	184	18376	2.055	ng	# 92

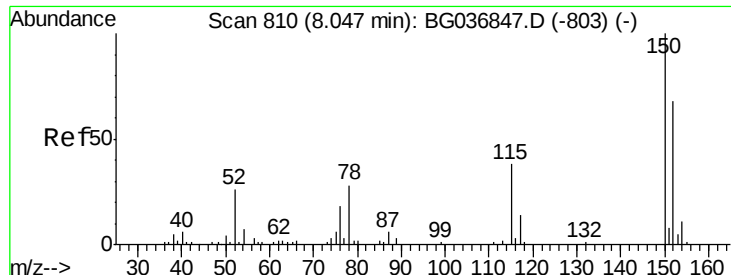
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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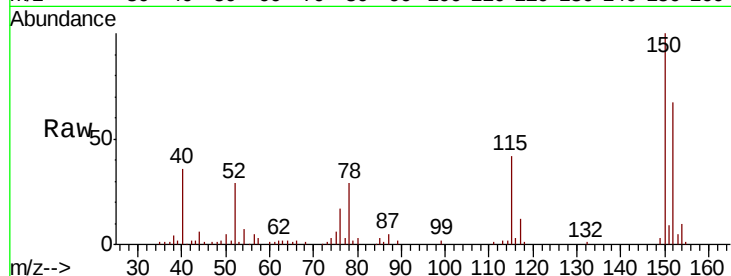


#1

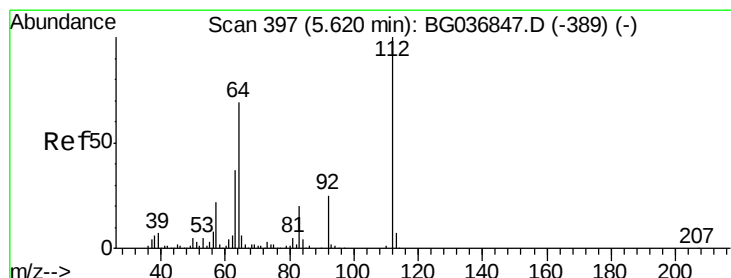
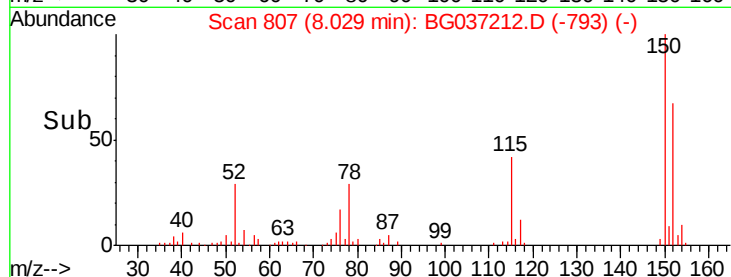
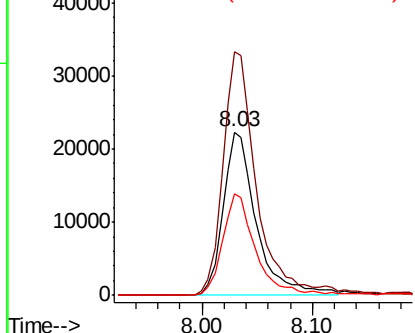
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037212.D
Acq: 6 Oct 2018 14:36

Instrument :
BNA_G
ClientSampled :
MT-T-5-8

Tgt Ion:152 Resp: 46526
Ion Ratio Lower Upper
152 100
150 148.9 119.5 179.3
115 61.9 44.5 66.7



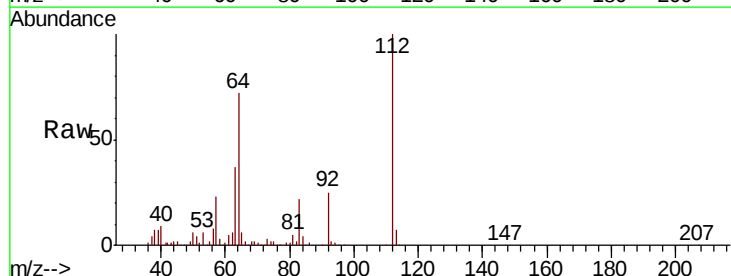
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



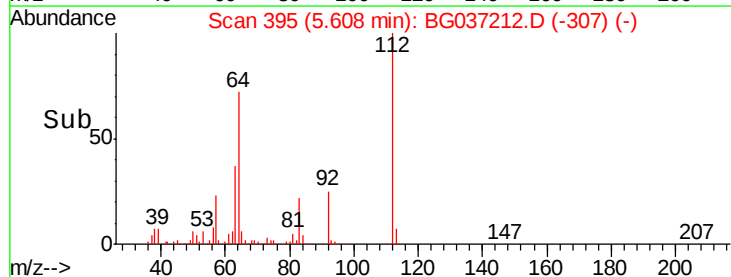
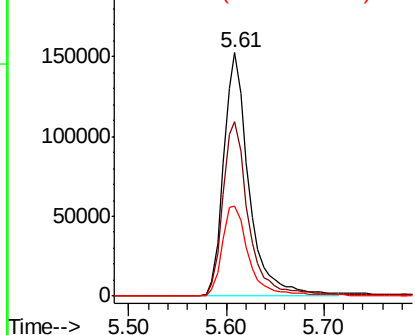
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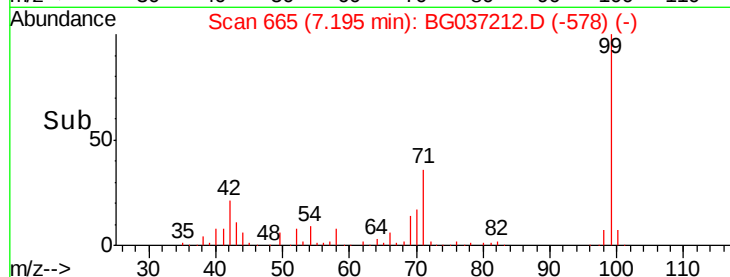
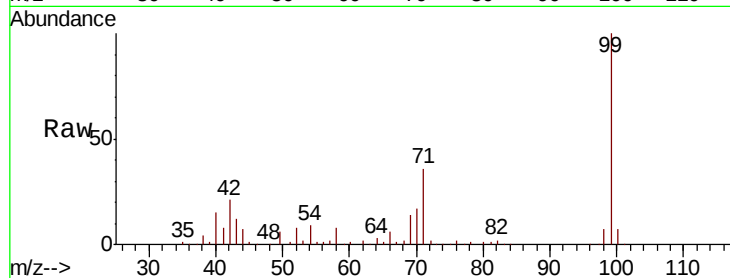
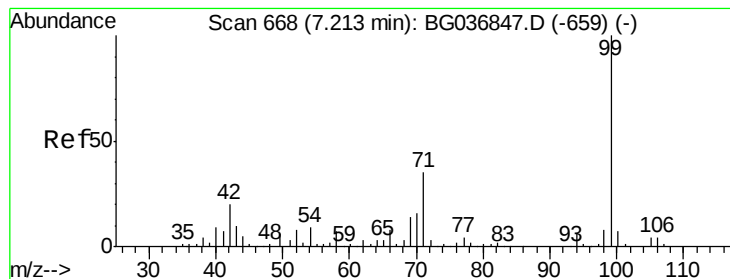
2-Fluorophenol
Concen: 113.421 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037212.D
Acq: 6 Oct 2018 14:36

Tgt Ion:112 Resp: 275164
Ion Ratio Lower Upper
112 100
64 71.7 57.2 85.8
63 37.1 30.8 46.2



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: 92.434 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037212.D

Acq: 6 Oct 2018 14:36

Instrument :

BNA_G

ClientSampleId :

MT-T-5-8

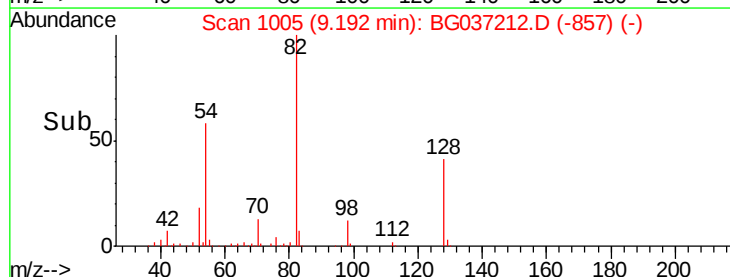
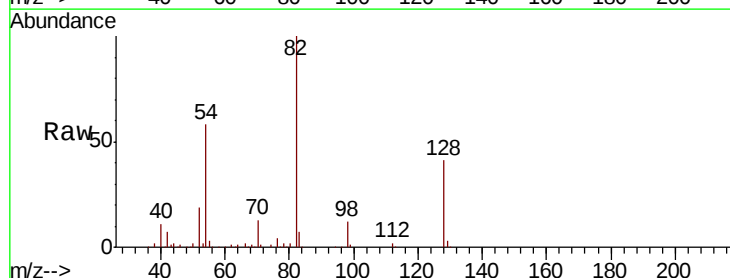
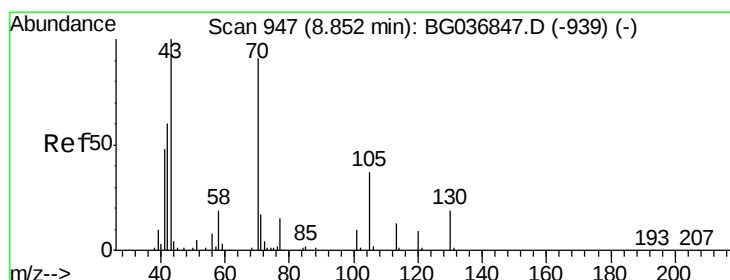
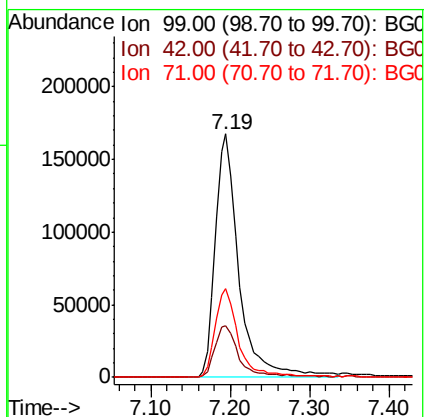
Tgt Ion: 99 Resp: 346951

Ion Ratio Lower Upper

99 100

42 21.4 16.5 24.7

71 36.4 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.713 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037212.D

Acq: 6 Oct 2018 14:36

Tgt Ion: 70 Resp: 39697

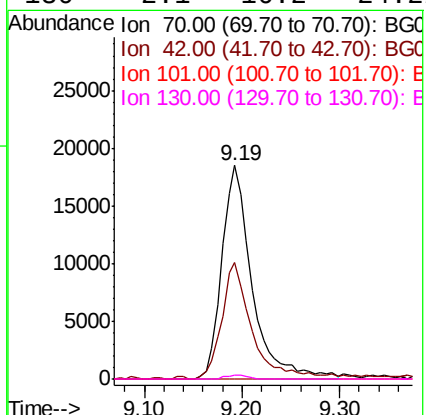
Ion Ratio Lower Upper

70 100

42 54.3 56.2 84.4#

101 0.0 7.8 11.6#

130 2.1 16.2 24.2#

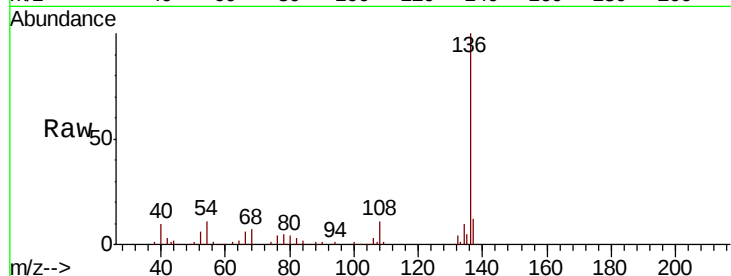




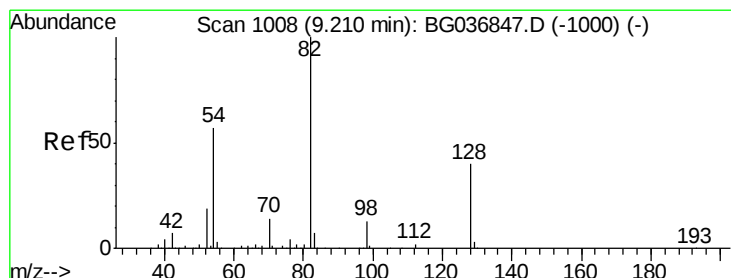
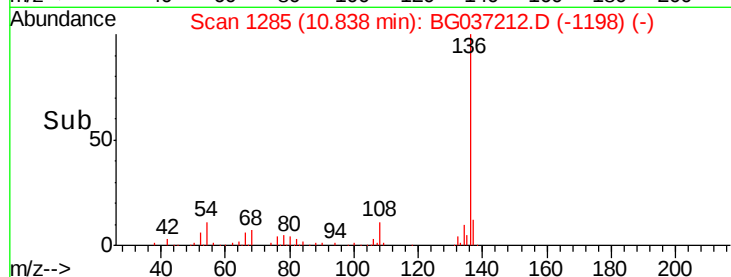
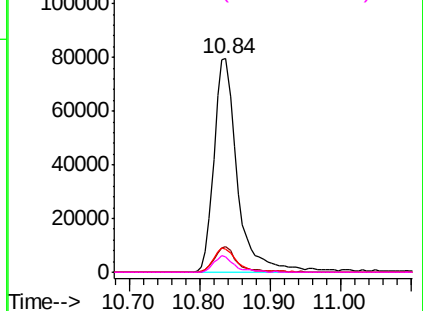
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037212.D
Acq: 6 Oct 2018 14:36

Instrument :
BNA_G
ClientSampleId :
MT-T-5-8

Tgt Ion:	136	Resp:	184451
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	11.1	9.2	13.8
68	7.3	5.8	8.6

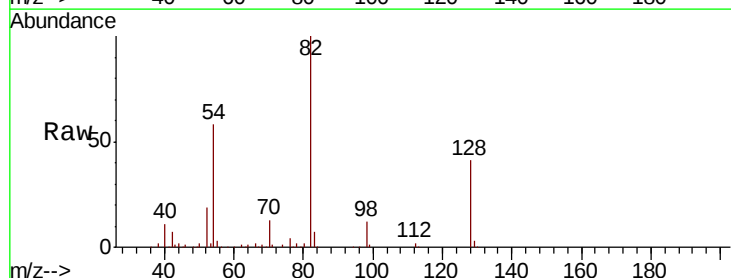


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

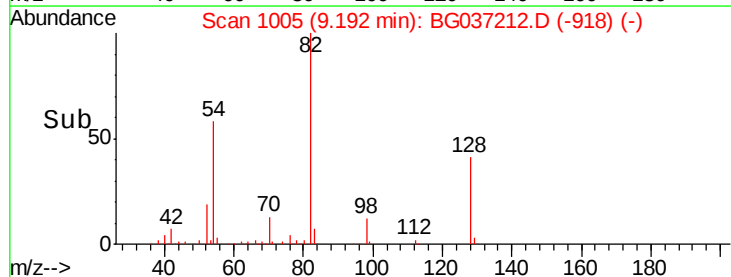
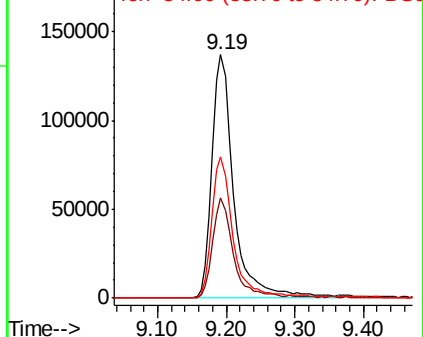


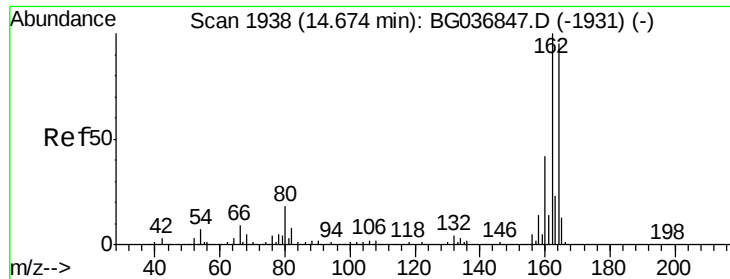
#23
Nitrobenzene-d5
Concen: 88.242 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037212.D
Acq: 6 Oct 2018 14:36

Tgt Ion:	82	Resp:	303942
Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	58.0	45.1	67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037212.D

Acq: 6 Oct 2018 14:36

Instrument :

BNA_G

ClientSampleId :

MT-T-5-8

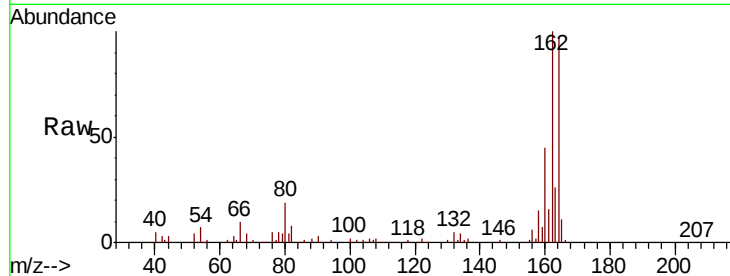
Tgt Ion:164 Resp: 114995

Ion Ratio Lower Upper

164 100

162 103.4 80.7 121.1

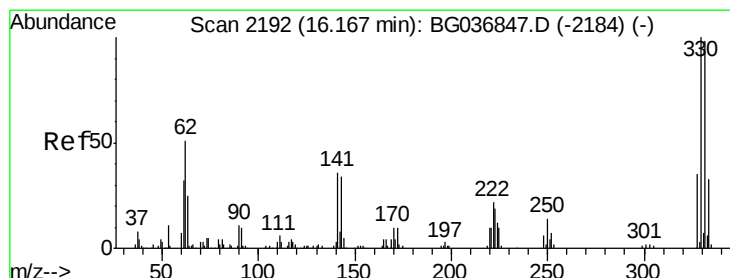
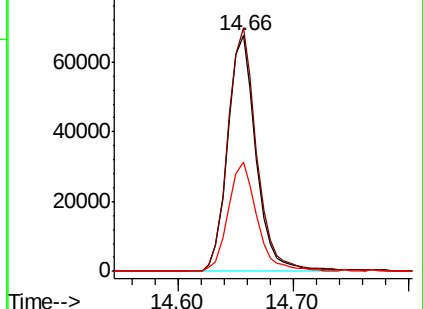
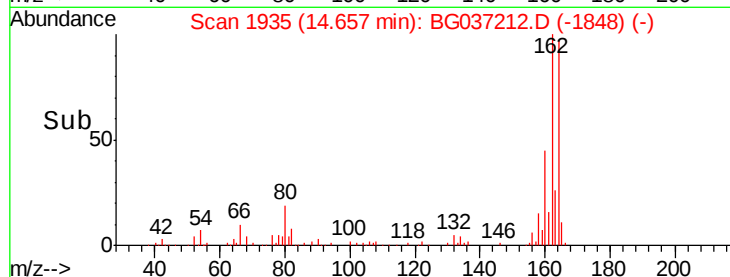
160 46.3 35.3 52.9



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: 111.626 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037212.D

Acq: 6 Oct 2018 14:36

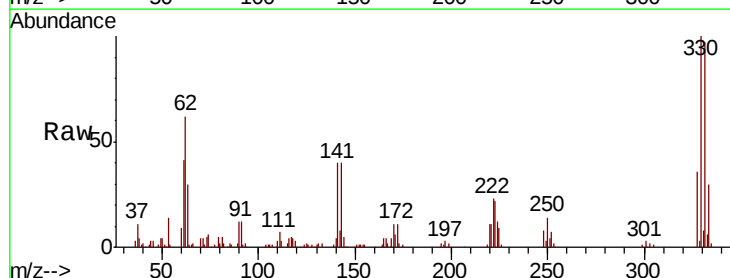
Tgt Ion:330 Resp: 153580

Ion Ratio Lower Upper

330 100

332 96.3 75.4 113.2

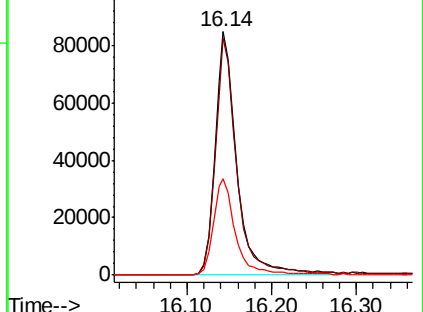
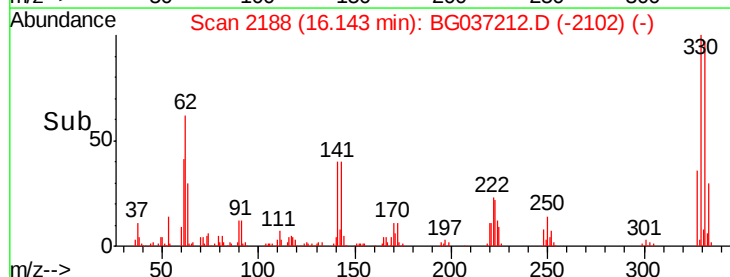
141 40.5 30.7 46.1



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

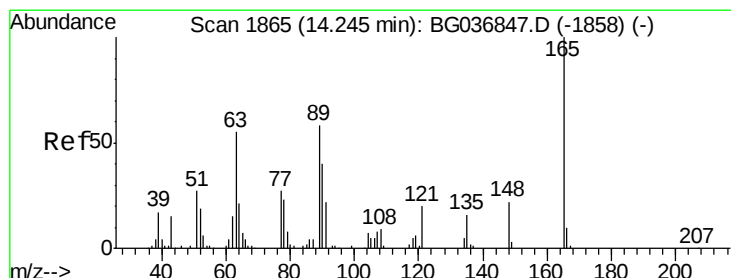
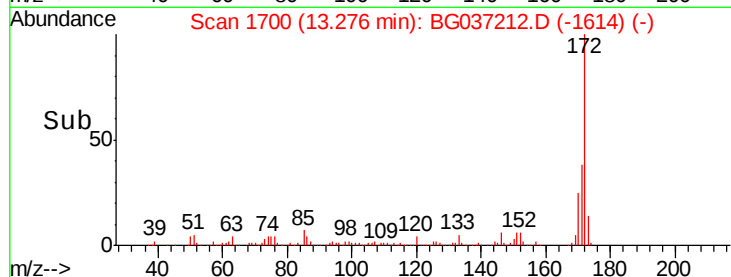
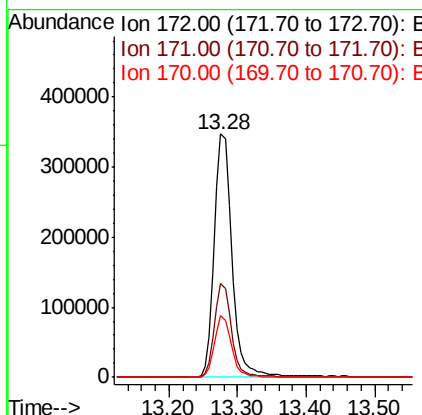
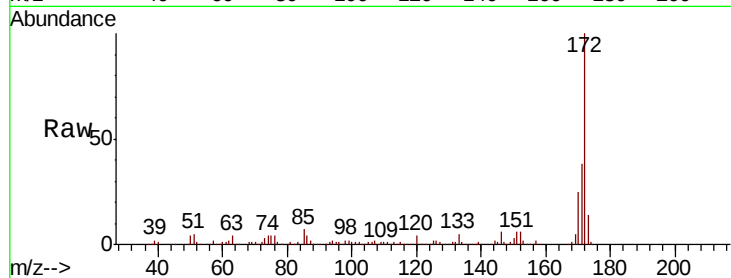




#44
 2-Fluorobiphenyl
 Concen: 81.248 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037212.D
 Acq: 6 Oct 2018 14:36

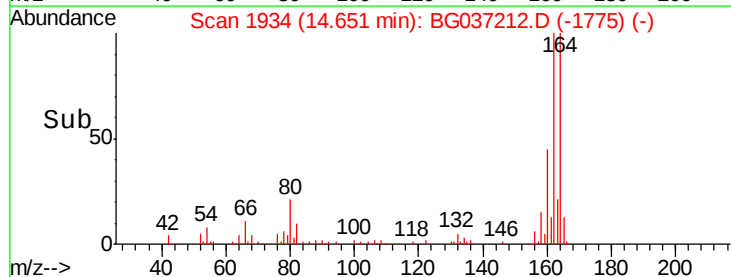
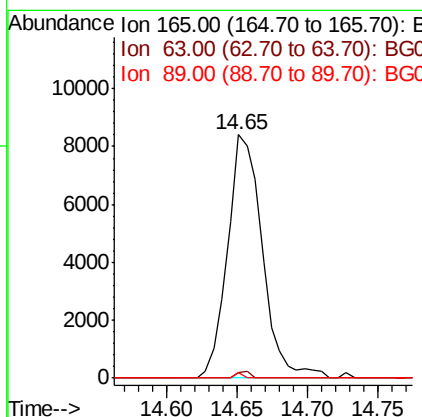
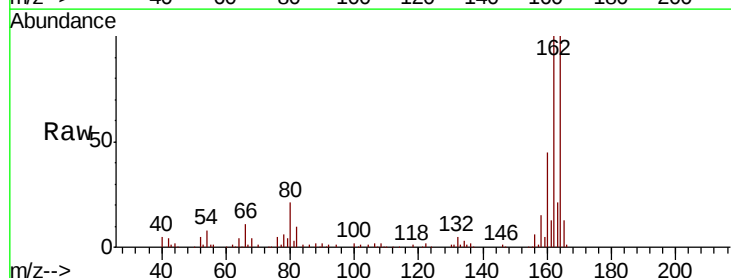
Instrument :
 BNA_G
 ClientSampleId :
 MT-T-5-8

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.4	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.136 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.41 min
 Lab File: BG037212.D
 Acq: 6 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	50.1	75.1#
89	2.2	47.8	71.6#

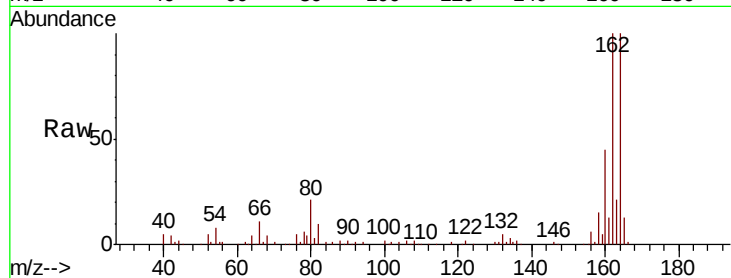




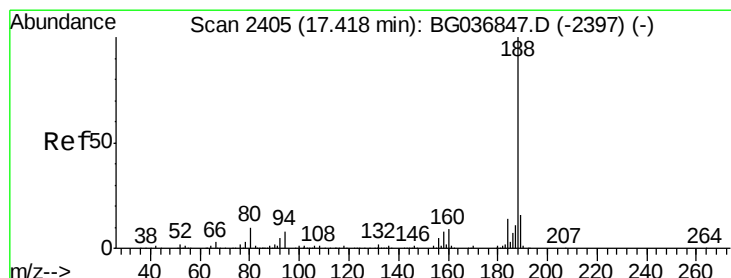
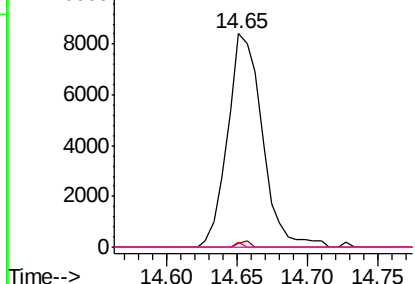
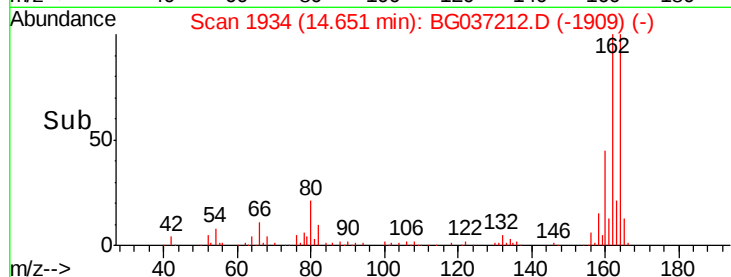
#56
2,4-Dinitrotoluene
Concen: 5.114 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.38 min
Lab File: BG037212.D
Acq: 6 Oct 2018 14:36

Instrument :
BNA_G
ClientSampleId :
MT-T-5-8

Tgt Ion:165 Resp: 14411
Ion Ratio Lower Upper
165 100
63 2.0 40.1 60.1#
89 2.2 63.7 95.5#
182 0.0 2.5 3.7#

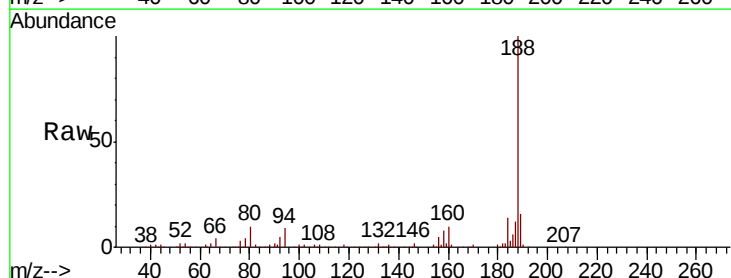


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

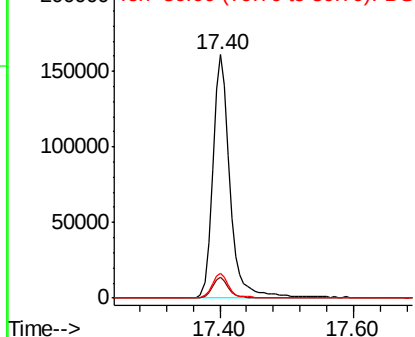
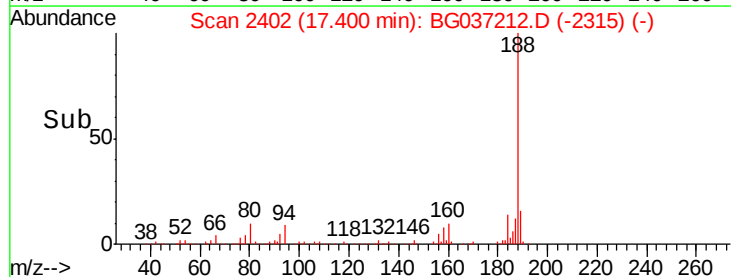


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037212.D
Acq: 6 Oct 2018 14:36

Tgt Ion:188 Resp: 291161
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 10.1 8.1 12.1



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

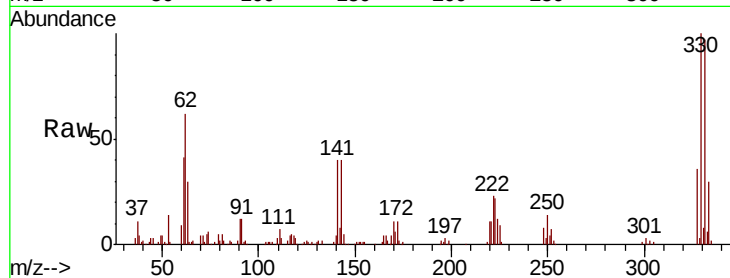




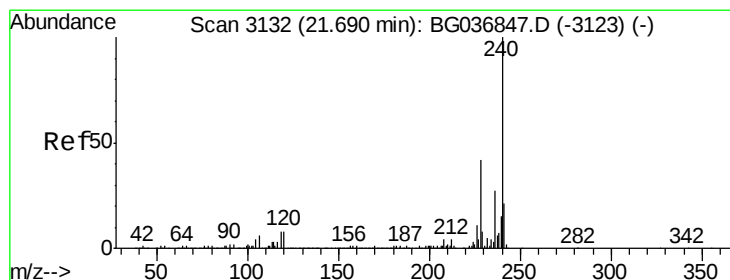
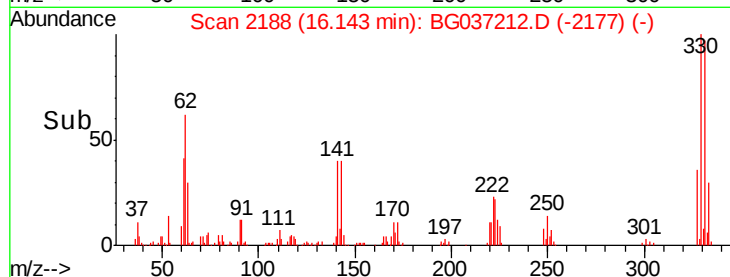
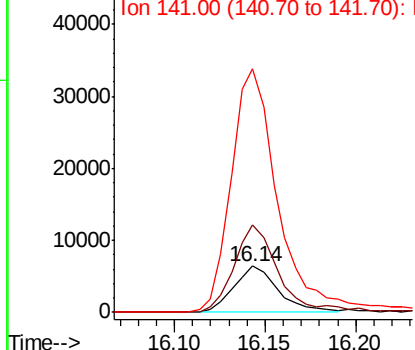
#66
4-Bromophenyl-phenylether
Concen: 3.287 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.46 min
Lab File: BG037212.D
Acq: 6 Oct 2018 14:36

Instrument :
BNA_G
ClientSampleId :
MT-T-5-8

Tgt Ion:248 Resp: 10886
Ion Ratio Lower Upper
248 100
250 190.1 78.1 117.1#
141 528.3 53.7 80.5#

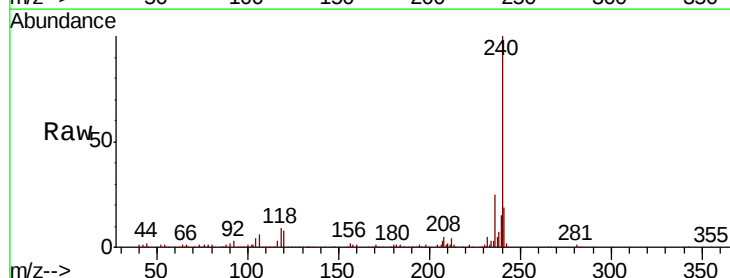


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

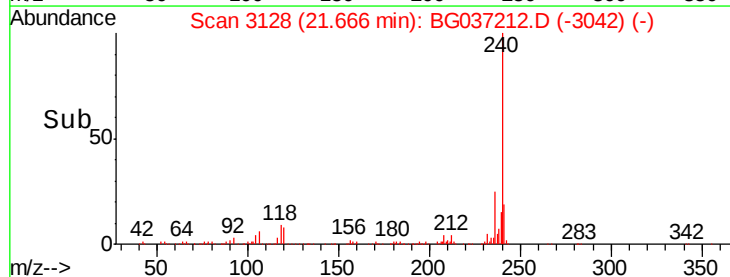
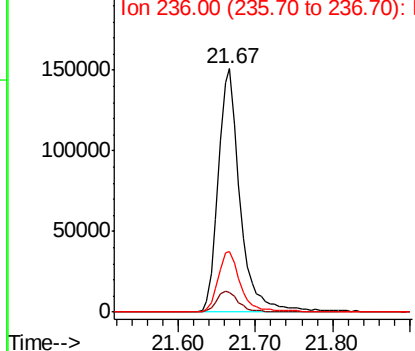


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037212.D
Acq: 6 Oct 2018 14:36

Tgt Ion:240 Resp: 295800
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.1 21.2 31.8



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

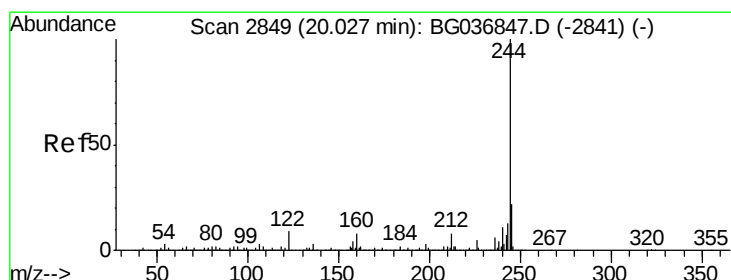
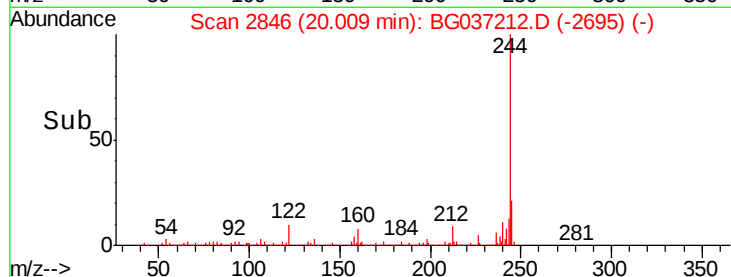
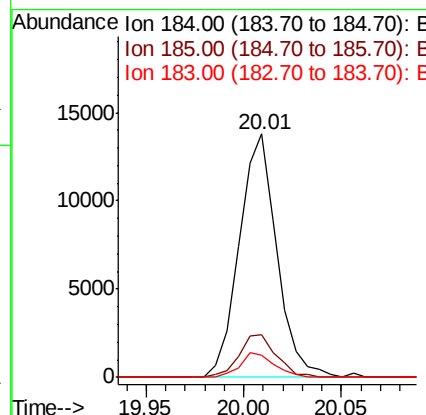
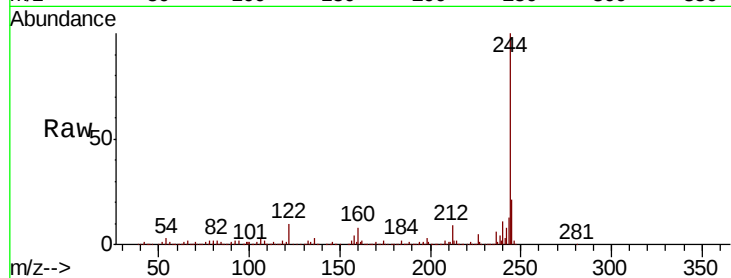




#76
Benzidine
Concen: 2.055 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG037212.D
Acq: 6 Oct 2018 14:36

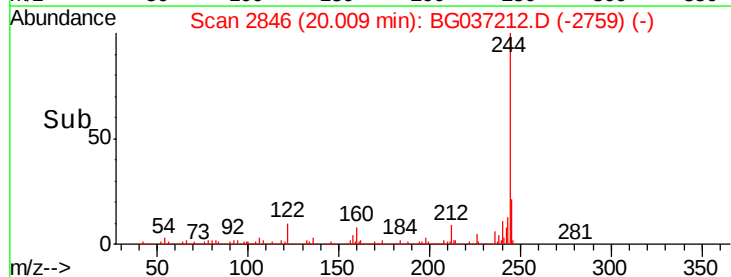
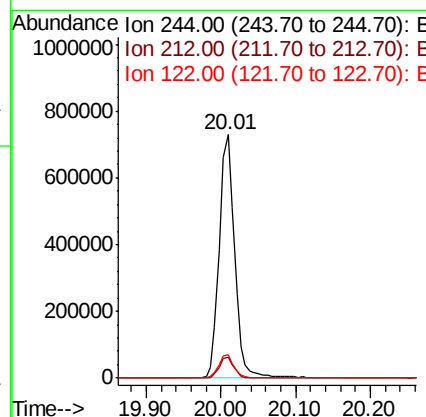
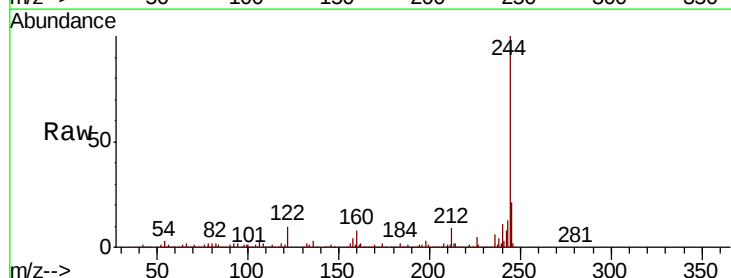
Instrument :
BNA_G
ClientSampleId :
MT-T-5-8

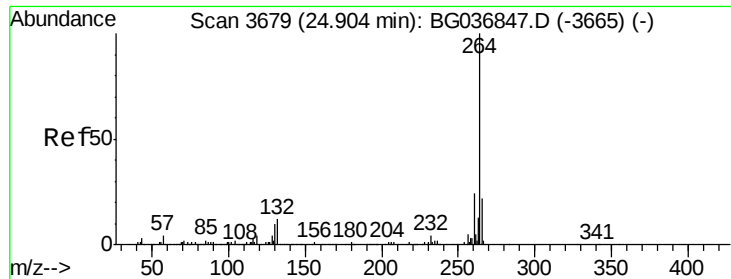
Tgt Ion:184 Resp: 18376
Ion Ratio Lower Upper
184 100
185 17.6 12.6 18.8
183 9.0 10.9 16.3#



#78
Terphenyl-d14
Concen: 93.356 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037212.D
Acq: 6 Oct 2018 14:36

Tgt Ion:244 Resp: 1050188
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.6
122 9.5 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.05 min
Lab File: BG037212.D
Acq: 6 Oct 2018 14:36

Instrument :
BNA_G
ClientSampleId :
MT-T-5-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.2	17.4	26.0

