

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
 Data File : BG037213.D
 Acq On : 6 Oct 2018 15:15
 Operator : JU/SJ
 Sample : J5264-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100318-DBRI-E-D-S

Quant Time: Oct 08 04:47:56 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

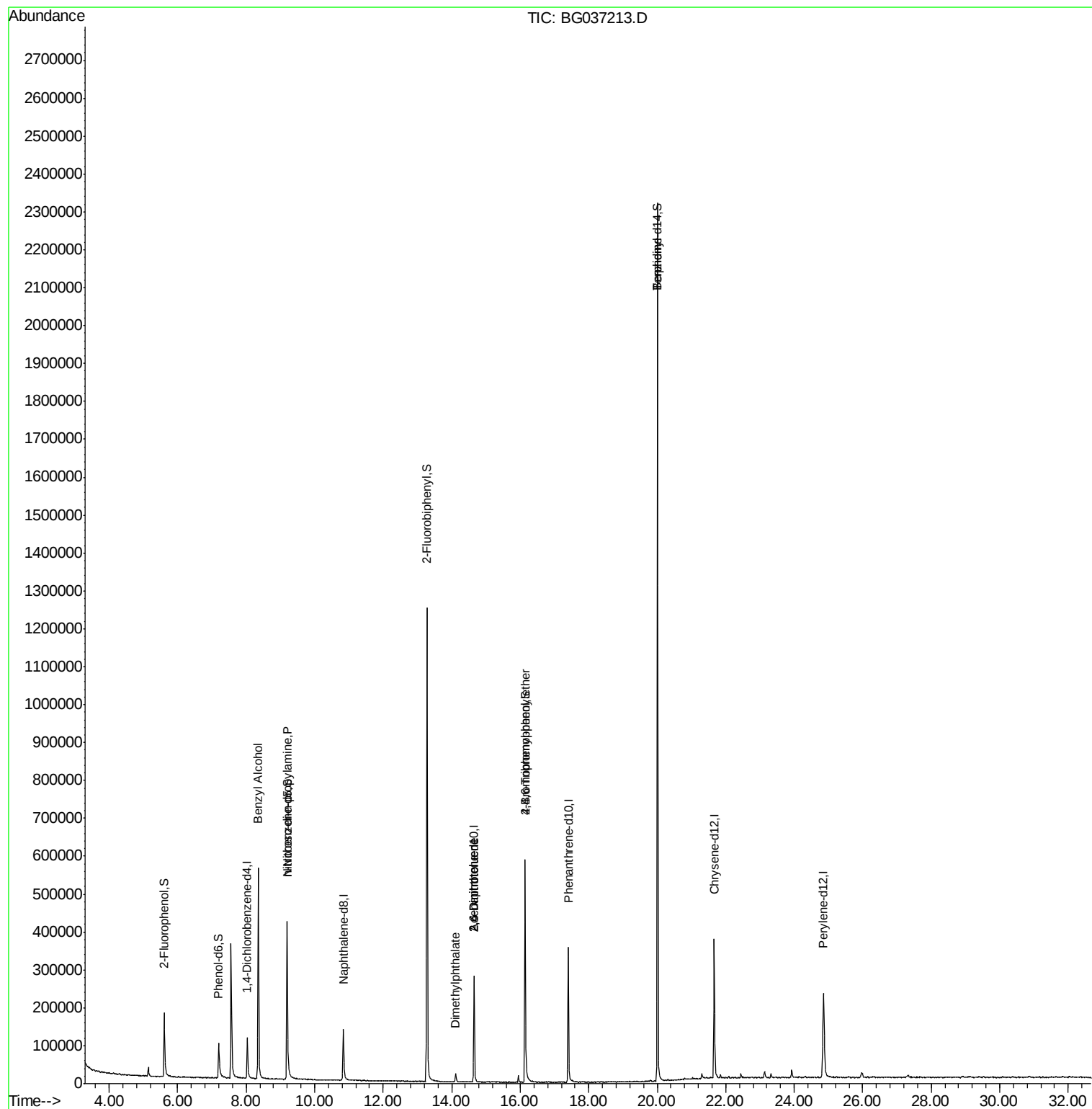
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	37613	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	153113	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	100655	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	257985	20.00	ng	-0.02
75) Chrysene-d12	21.66	240	267704	20.00	ng	-0.03
86) Perylene-d12	24.85	264	261986	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	94619	48.24	ng	-0.02
7) Phenol-d6	7.19	99	74879	24.68	ng	-0.02
23) Nitrobenzene-d5	9.19	82	327430	114.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	122006	101.31	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	708966	104.91	ng	-0.02
78) Terphenyl-d14	20.01	244	1171397	115.06	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.35	79	4945	2.008	ng	# 55
19) n-Nitroso-di-n-propylamine	9.19	70	42819	16.963	ng	# 74
49) Dimethylphthalate	14.11	163	23901	2.950	ng	# 99
50) 2,6-Dinitrotoluene	14.66	165	12827	7.256	ng	# 24
56) 2,4-Dinitrotoluene	14.66	165	12827	5.200	ng	# 22
66) 4-Bromophenyl-phenylether	16.15	248	8936	3.045	ng	# 1
76) Benzydine	20.01	184	20487	2.532	ng	# 94

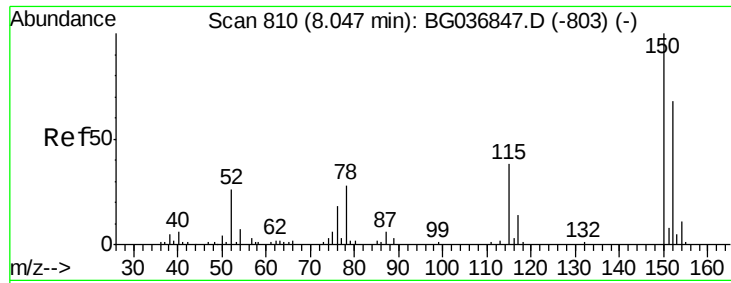
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG037213.D

Acq: 6 Oct 2018 15:15

Instrument :

BNA_G

ClientSampleId :

100318-DBRI-E-D-S

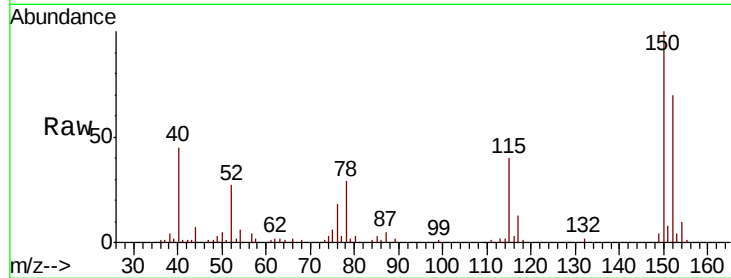
Tgt Ion:152 Resp: 37613

Ion Ratio Lower Upper

152 100

150 143.3 119.5 179.3

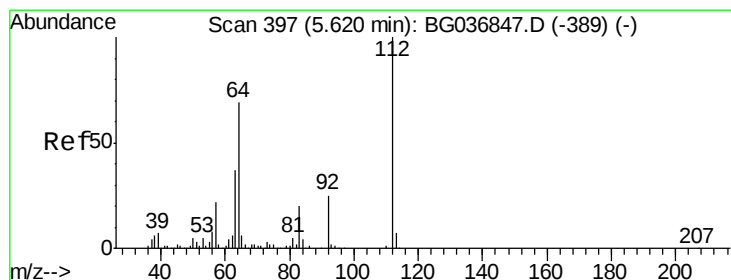
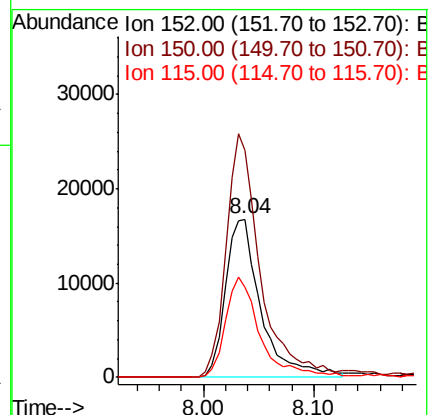
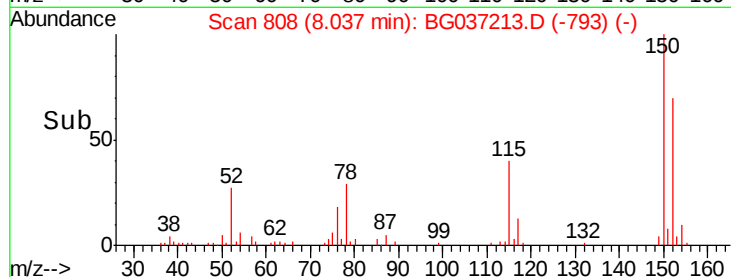
115 57.4 44.5 66.7



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



#5

2-Fluorophenol

Concen: 48.244 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.02 min

Lab File: BG037213.D

Acq: 6 Oct 2018 15:15

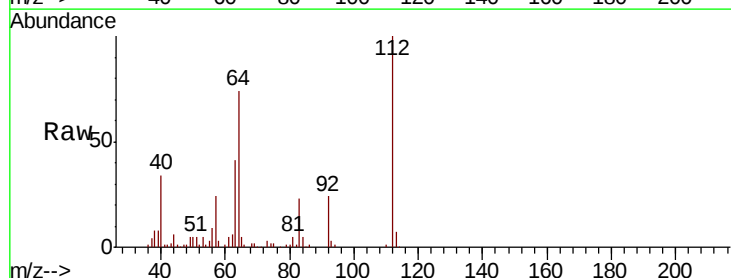
Tgt Ion:112 Resp: 94619

Ion Ratio Lower Upper

112 100

64 74.2 57.2 85.8

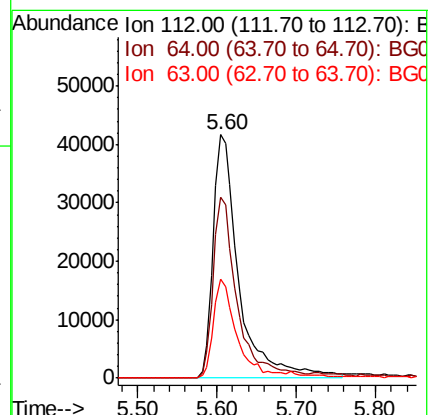
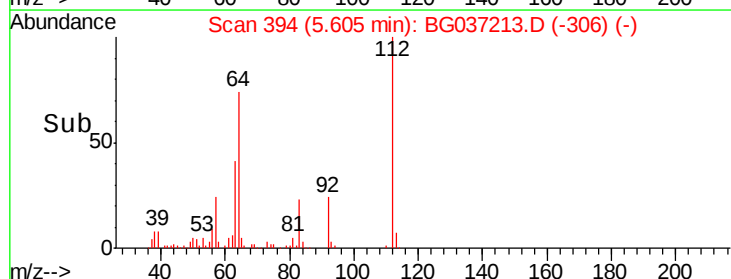
63 40.8 30.8 46.2



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: 24.676 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037213.D

Acq: 6 Oct 2018 15:15

Instrument :

BNA_G

ClientSampleId :

100318-DBRI-E-D-S

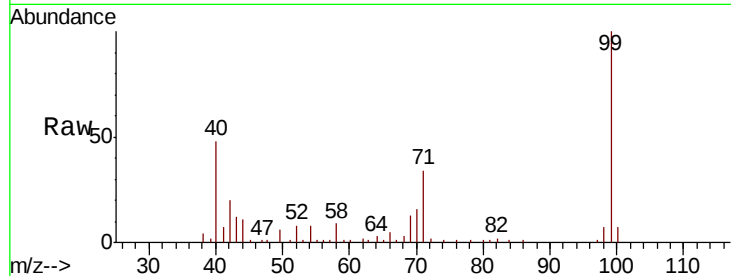
Tgt Ion: 99 Resp: 74879

Ion Ratio Lower Upper

99 100

42 19.5 16.5 24.7

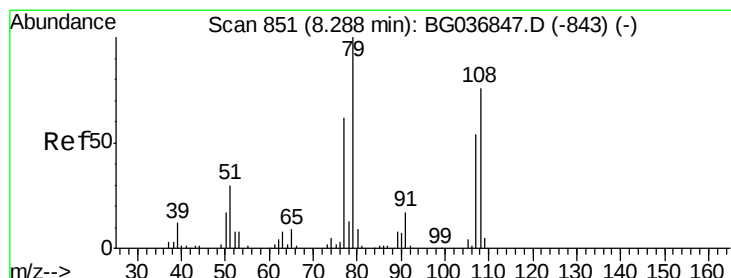
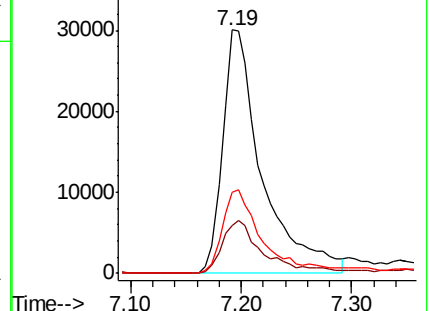
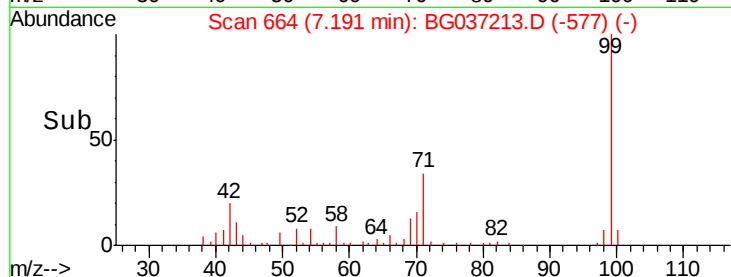
71 33.5 29.4 44.2



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



#15

Benzyl Alcohol

Concen: 2.008 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.06 min

Lab File: BG037213.D

Acq: 6 Oct 2018 15:15

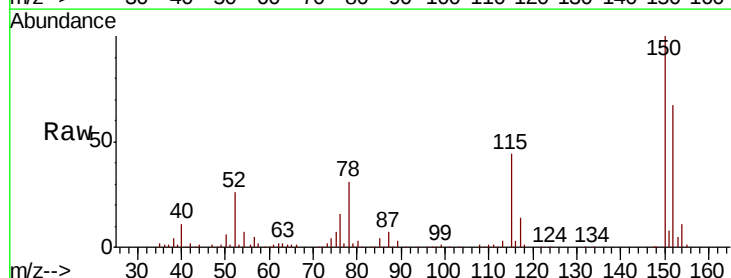
Tgt Ion: 79 Resp: 4945

Ion Ratio Lower Upper

79 100

108 29.8 55.9 83.9#

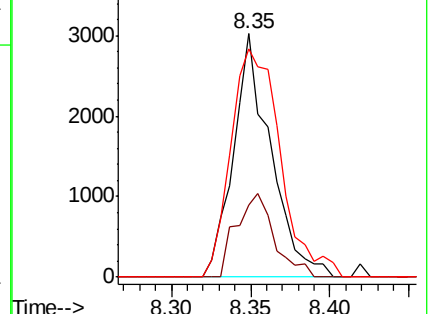
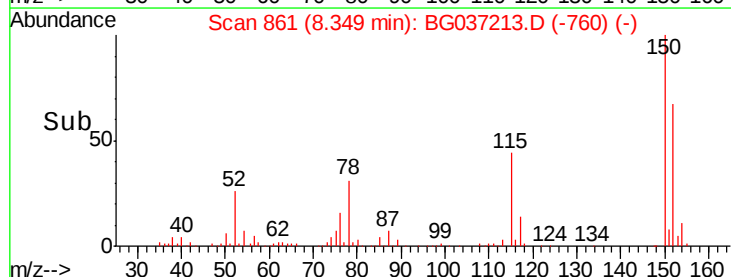
77 94.0 50.0 75.0#

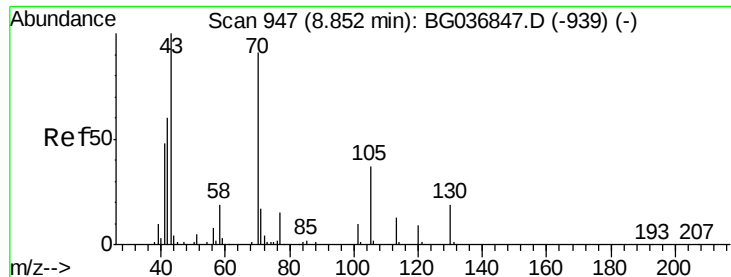


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

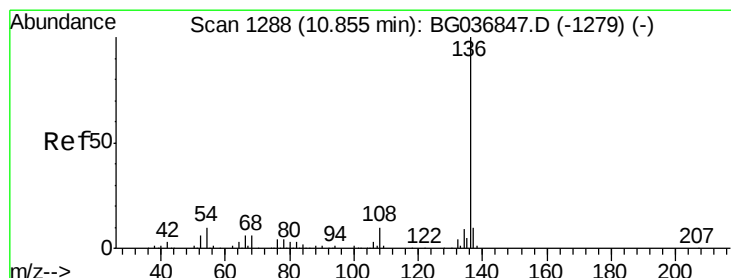
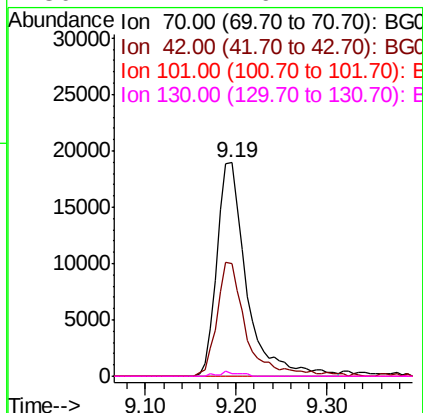
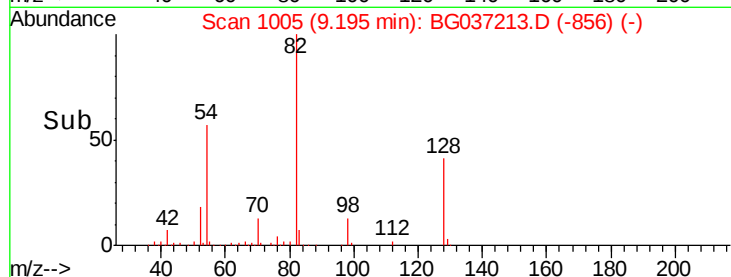
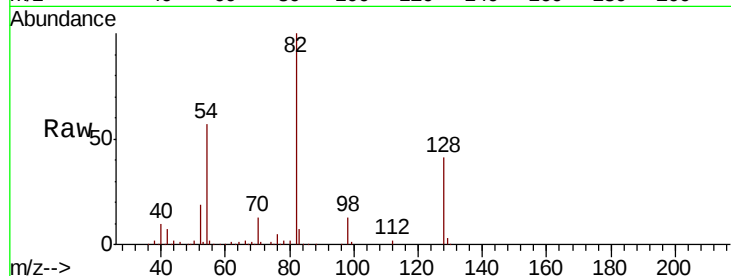




#19
n-Nitroso-di-n-propylamine
Concen: 16.963 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.34 min
Lab File: BG037213.D
Acq: 6 Oct 2018 15:15

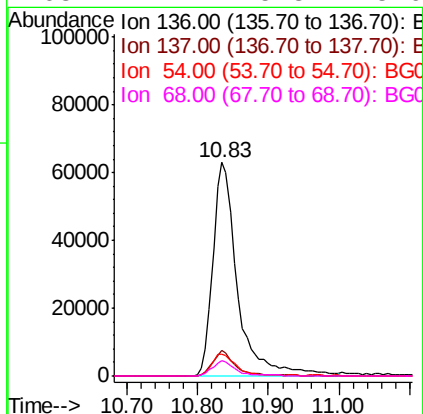
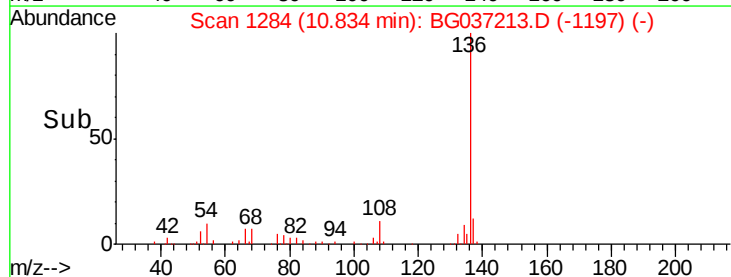
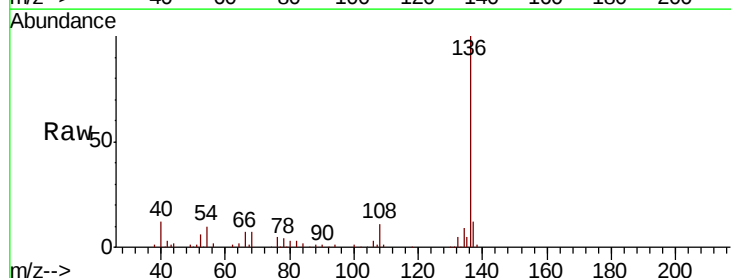
Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-D-S

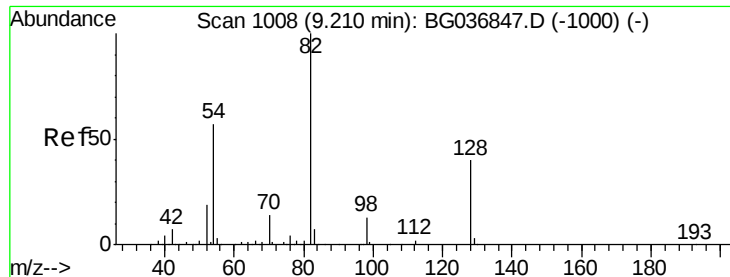
Tgt Ion: 70 Resp: 42819
Ion Ratio Lower Upper
70 100
42 52.9 56.2 84.4#
101 0.0 7.8 11.6#
130 1.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037213.D
Acq: 6 Oct 2018 15:15

Tgt Ion: 136 Resp: 153113
Ion Ratio Lower Upper
136 100
137 11.9 8.8 13.2
54 10.1 9.2 13.8
68 7.2 5.8 8.6

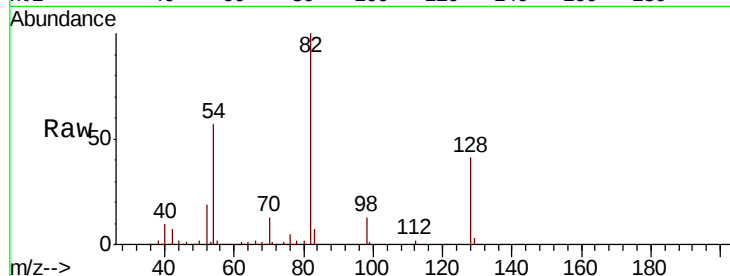




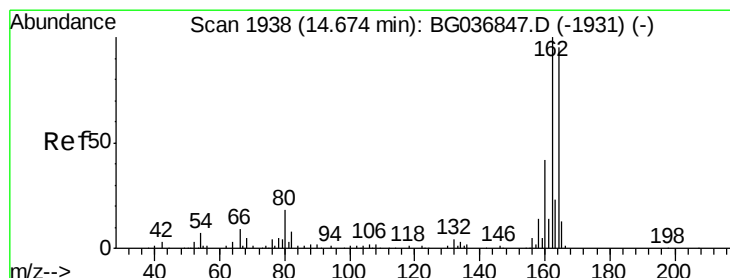
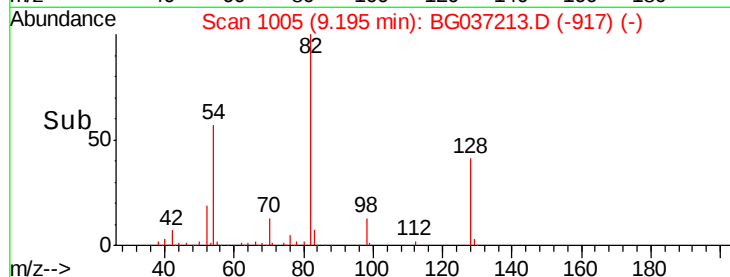
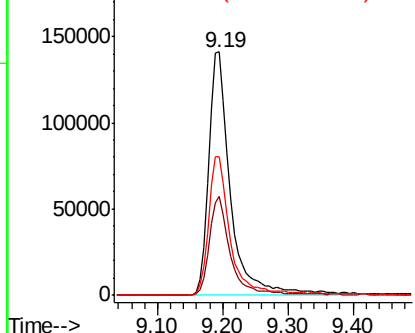
#23
 Nitrobenzene-d5
 Concen: 114.518 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037213.D
 Acq: 6 Oct 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 100318-DBRI-E-D-S

Tgt Ion: 82 Resp: 327430
 Ion Ratio Lower Upper
 82 100
 128 40.8 33.3 49.9
 54 56.9 45.1 67.7

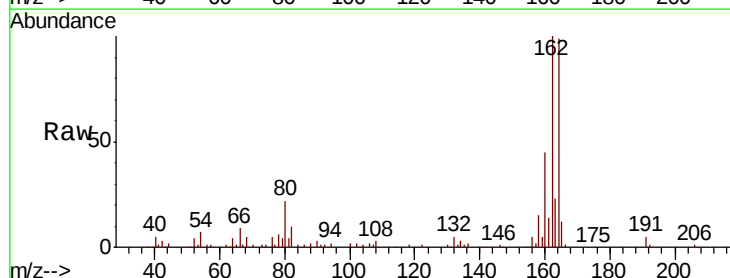


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

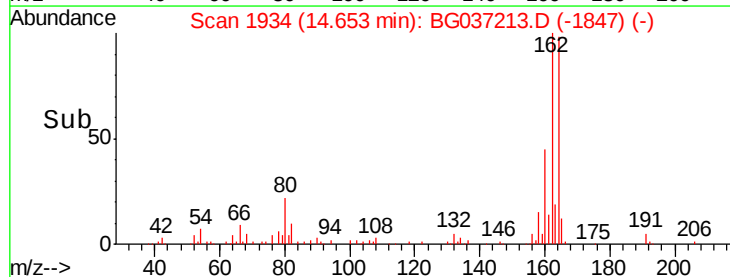
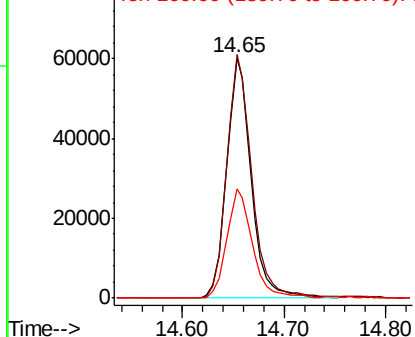


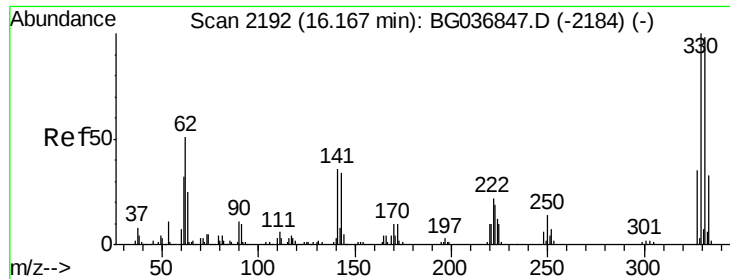
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.02 min
 Lab File: BG037213.D
 Acq: 6 Oct 2018 15:15

Tgt Ion: 164 Resp: 100655
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.7 121.1
 160 45.6 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

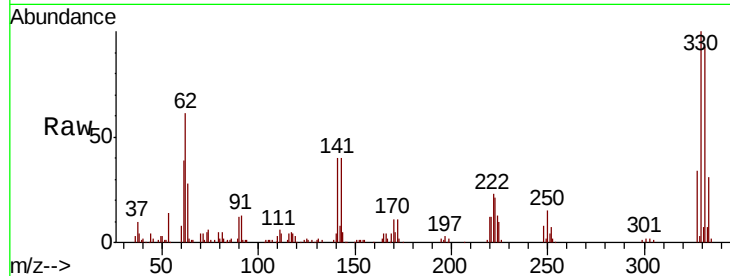




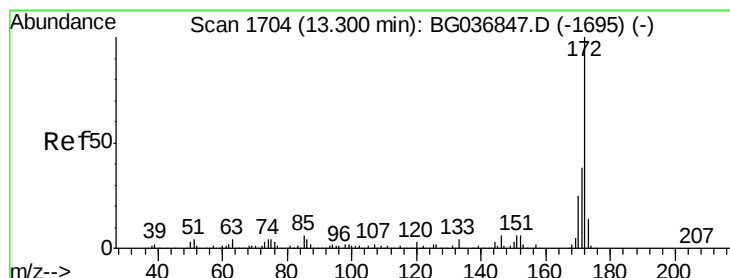
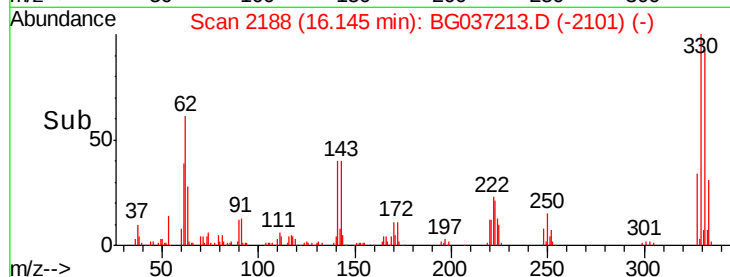
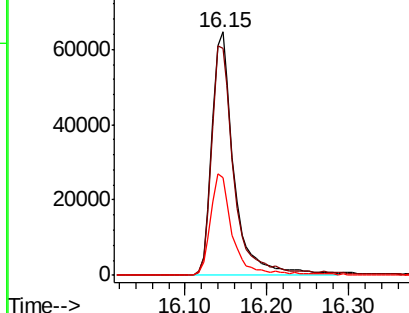
#41
 2,4,6-Tribromophenol
 Concen: 101.311 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037213.D
 Acq: 6 Oct 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 100318-DBRI-E-D-S

Tgt Ion:330 Resp: 122006
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.4 113.2
 141 41.4 30.7 46.1

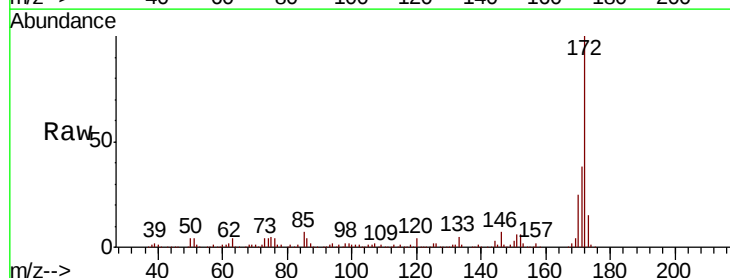


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

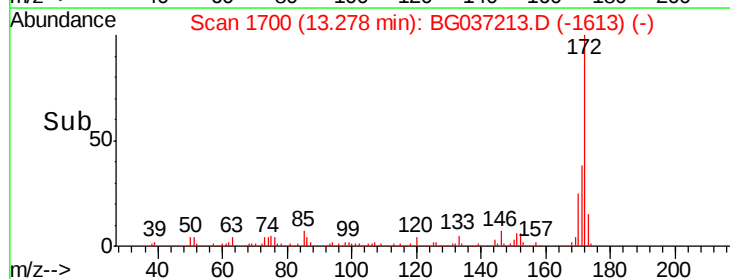
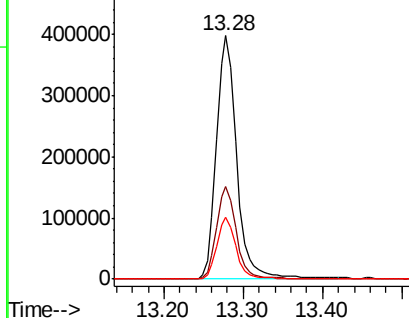


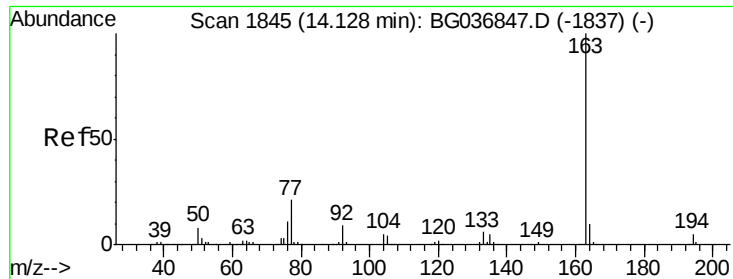
#44
 2-Fluorobiphenyl
 Concen: 104.906 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037213.D
 Acq: 6 Oct 2018 15:15

Tgt Ion:172 Resp: 708966
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 25.2 21.0 31.6



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





#49

Dimethylphthalate

Concen: 2.950 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG037213.D

Acq: 6 Oct 2018 15:15

Instrument :

BNA_G

ClientSampleId :

100318-DBRI-E-D-S

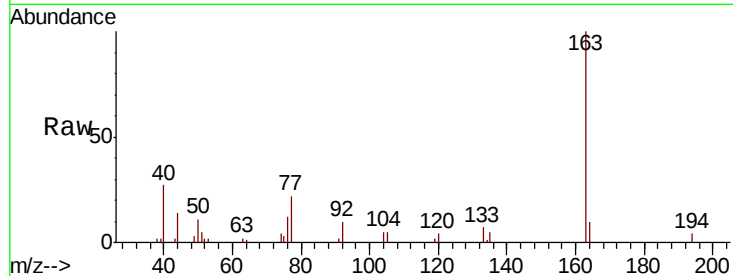
Tgt Ion:163 Resp: 23901

Ion Ratio Lower Upper

163 100

194 4.4 4.0 6.0

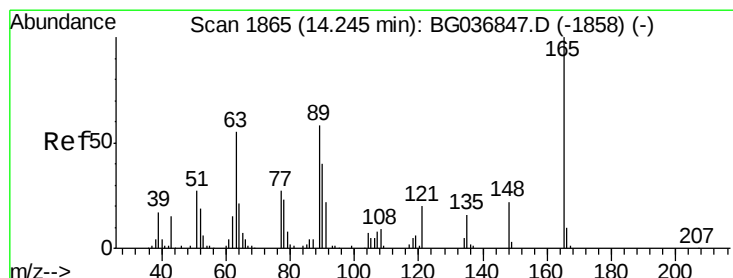
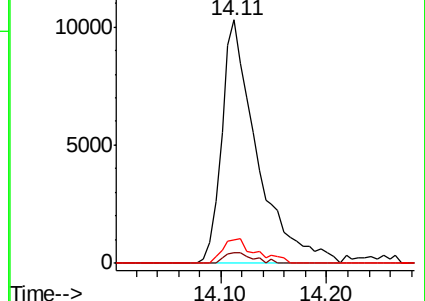
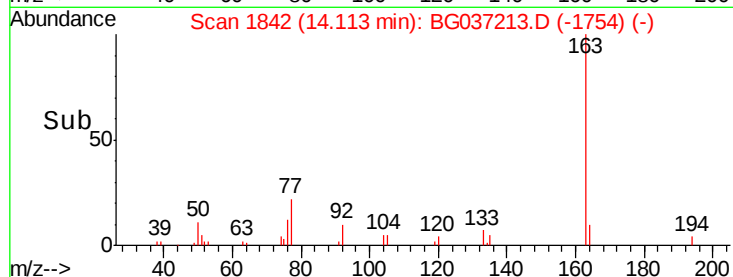
164 9.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.256 ng

RT: 14.66 min Scan# 1935

Delta R.T. 0.41 min

Lab File: BG037213.D

Acq: 6 Oct 2018 15:15

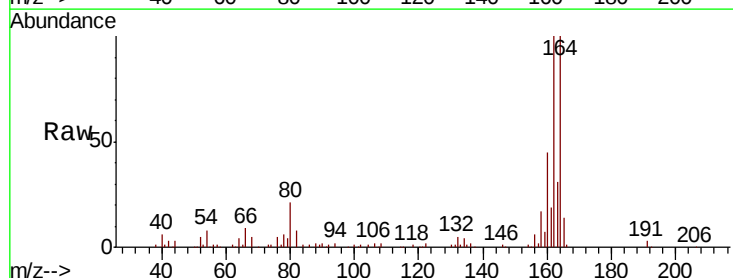
Tgt Ion:165 Resp: 12827

Ion Ratio Lower Upper

165 100

63 2.8 50.1 75.1#

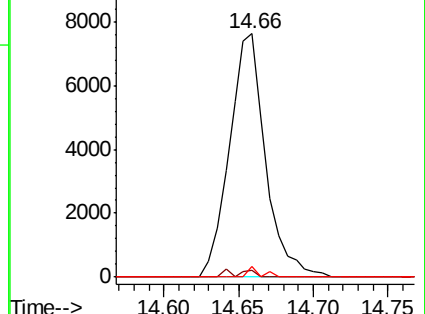
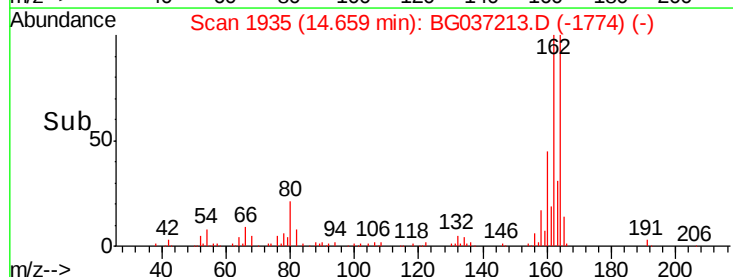
89 4.1 47.8 71.6#

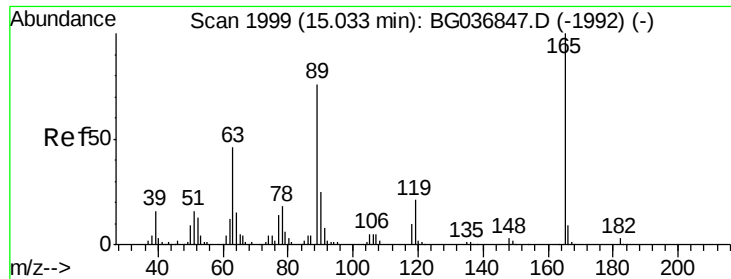


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

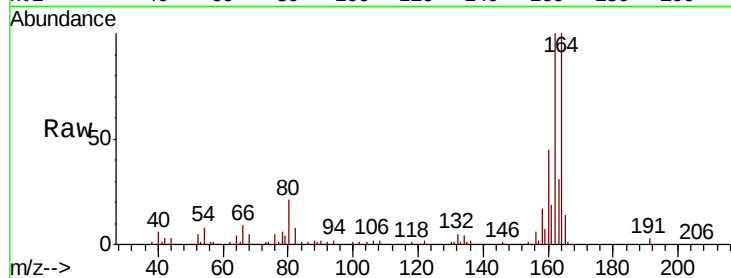




#56
 2,4-Dinitrotoluene
 Concen: 5.200 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.37 min
 Lab File: BG037213.D
 Acq: 6 Oct 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 100318-DBRI-E-D-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.8	40.1	60.1#
89	4.1	63.7	95.5#
182	0.0	2.5	3.7#



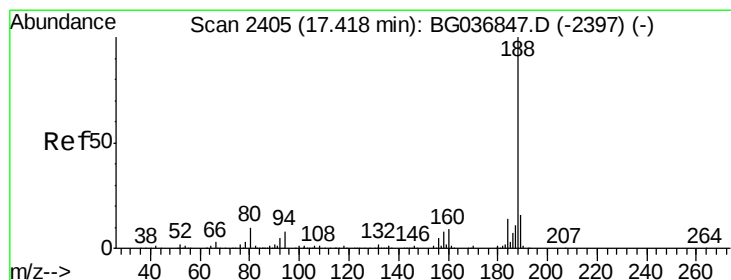
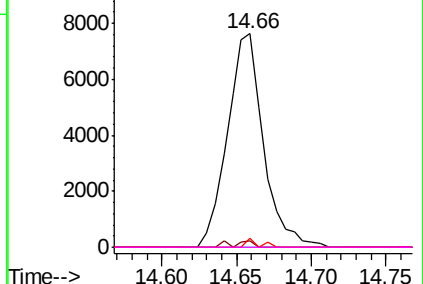
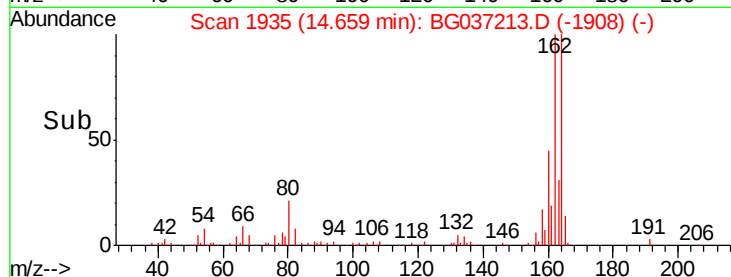
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

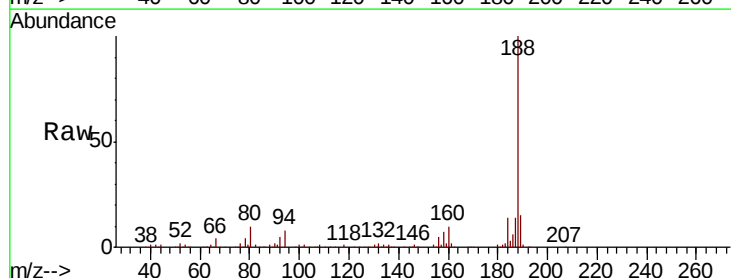
Ion 89.00 (88.70 to 89.70): BGC

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: BG037213.D
 Acq: 6 Oct 2018 15:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.8	8.1	12.1

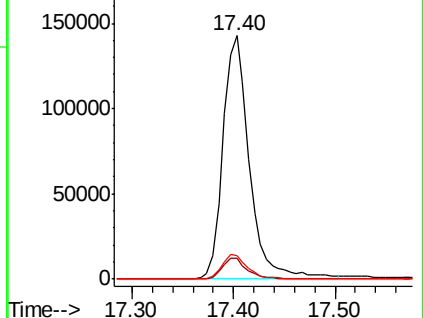
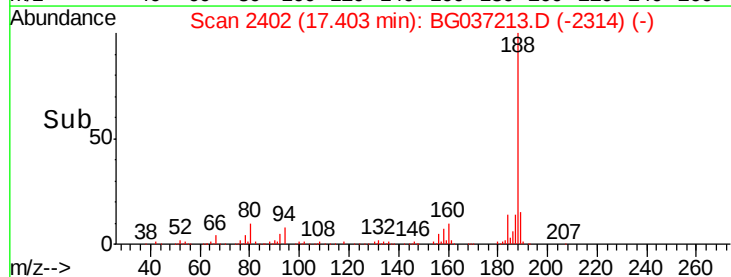


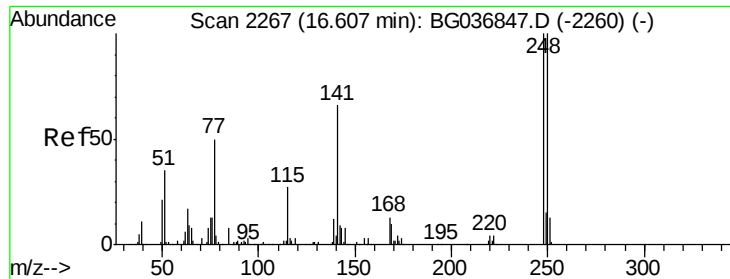
Abundance

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

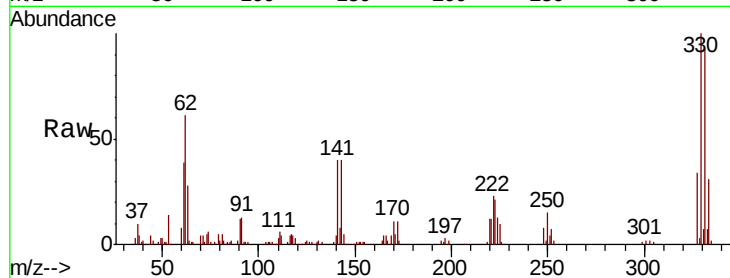




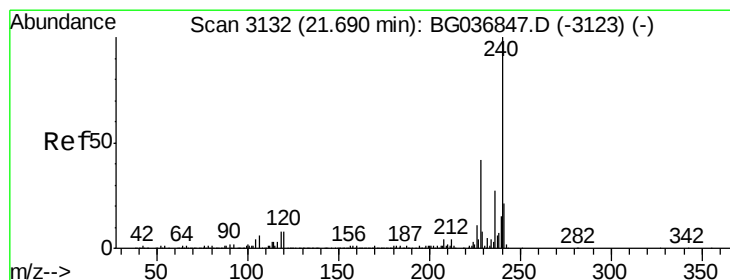
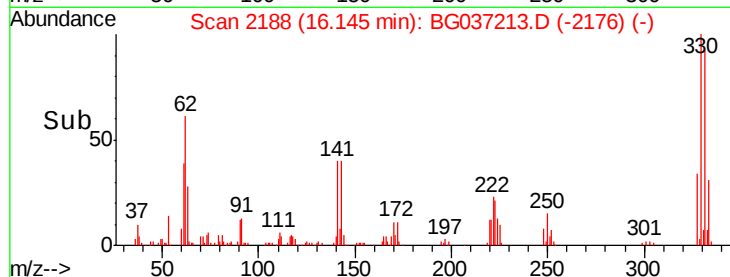
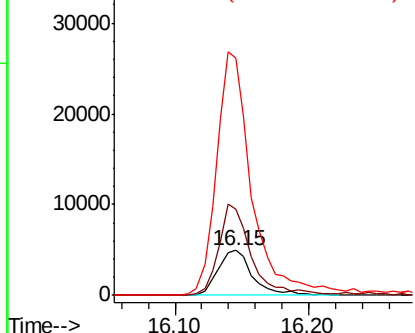
#66
 4-Bromophenyl-phenylether
 Concen: 3.045 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.46 min
 Lab File: BG037213.D
 Acq: 6 Oct 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 100318-DBRI-E-D-S

Tgt Ion:248 Resp: 8936
 Ion Ratio Lower Upper
 248 100
 250 192.1 78.1 117.1#
 141 528.6 53.7 80.5#

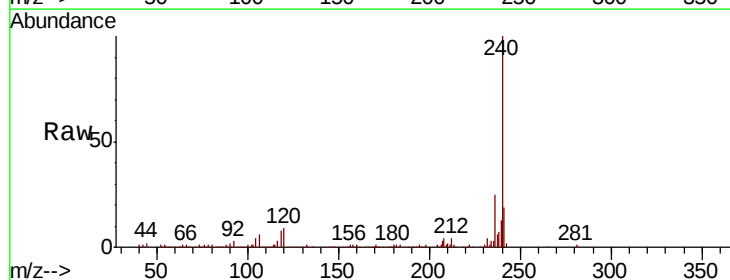


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

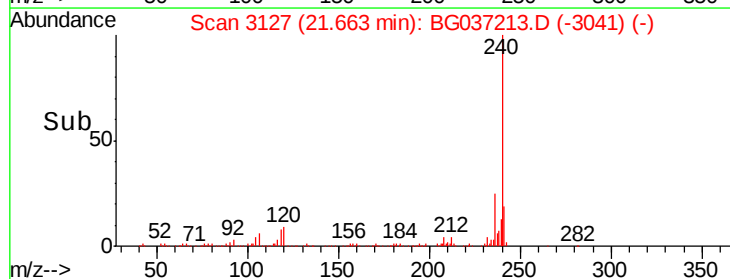
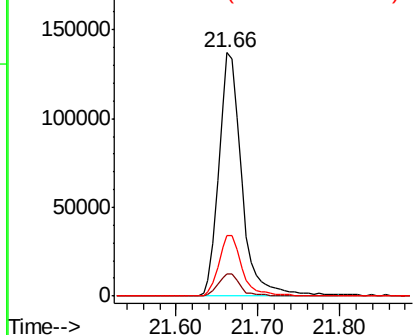


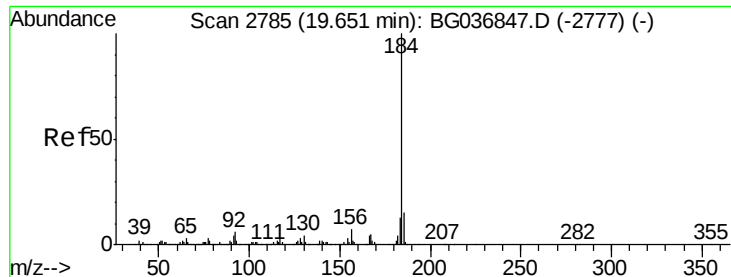
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.03 min
 Lab File: BG037213.D
 Acq: 6 Oct 2018 15:15

Tgt Ion:240 Resp: 267704
 Ion Ratio Lower Upper
 240 100
 120 9.1 6.9 10.3
 236 24.7 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

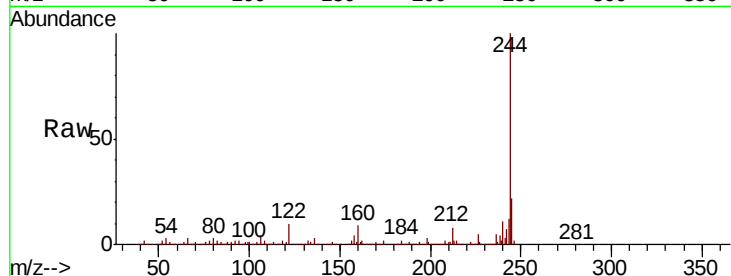




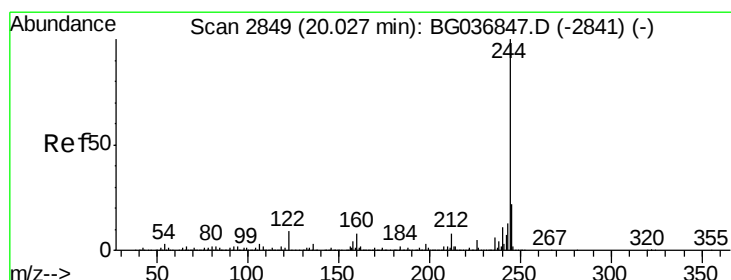
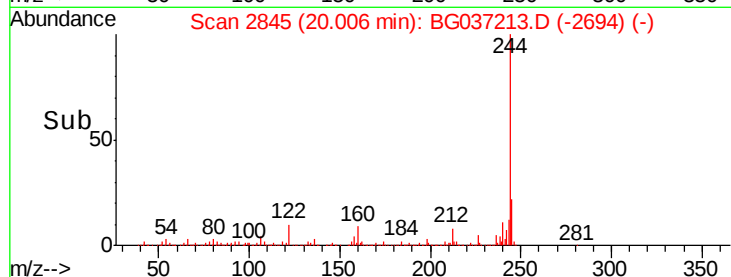
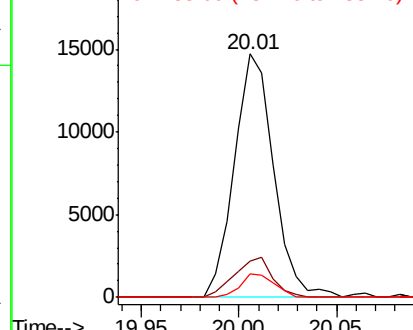
#76
Benzidine
Concen: 2.532 ng
RT: 20.01 min Scan# 2845
Delta R.T. 0.35 min
Lab File: BG037213.D
Acq: 6 Oct 2018 15:15

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-D-S

Tgt Ion:184 Resp: 20487
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 9.4 10.9 16.3#

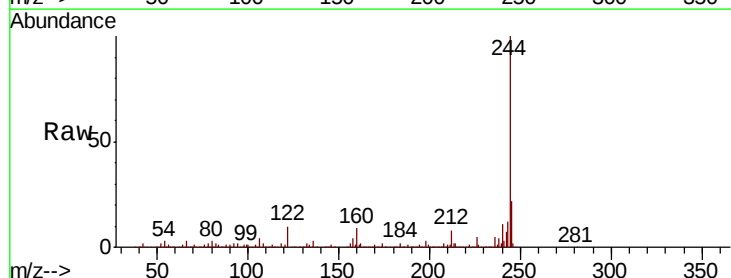


Abundance Ion 184.00 (183.70 to 184.70): E
20000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

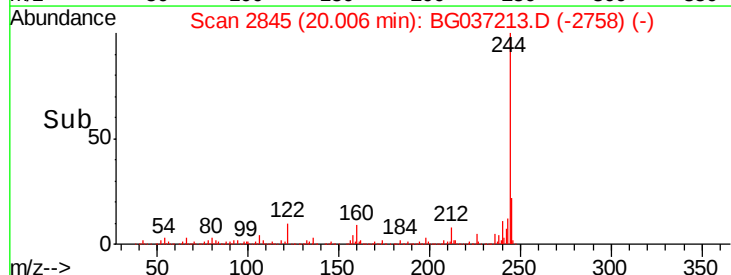
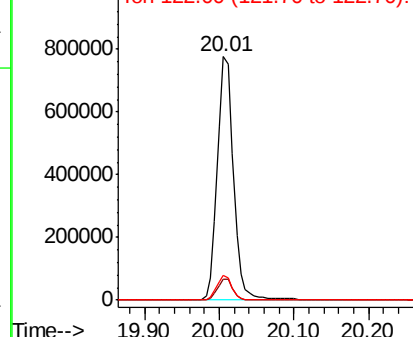


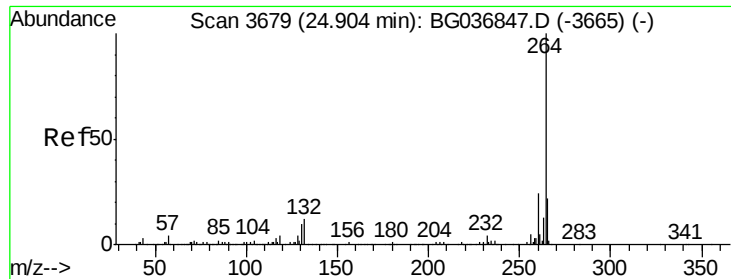
#78
Terphenyl-d14
Concen: 115.059 ng
RT: 20.01 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BG037213.D
Acq: 6 Oct 2018 15:15

Tgt Ion:244 Resp: 1171397
Ion Ratio Lower Upper
244 100
212 8.5 7.0 10.6
122 9.9 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E
1000000 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: 24.85 min Scan# 3670
Delta R.T. -0.05 min
Lab File: BG037213.D
Acq: 6 Oct 2018 15:15

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-D-S

Tgt Ion:	264	Resp:	261986
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.2	17.4	26.0

