

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
 Data File : BG037177.D
 Acq On : 5 Oct 2018 6:44
 Operator : JU/SJ
 Sample : J5241-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100218-DBRI-E-U-B

Quant Time: Oct 05 08:43:09 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

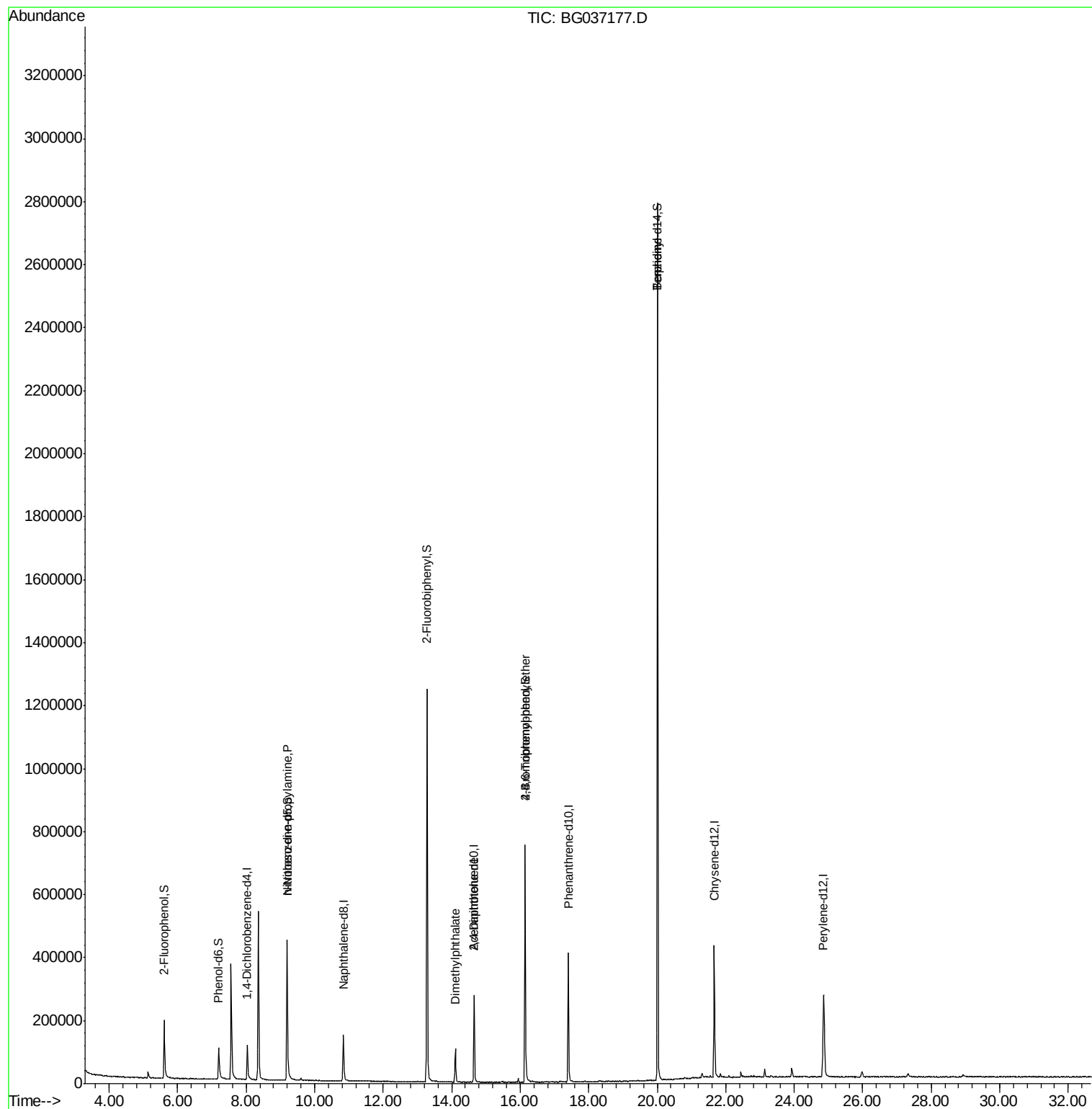
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37955	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	157893	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	103291	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	276590	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	292762	20.00	ng	-0.02
86) Perylene-d12	24.86	264	284508	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	96595	48.81	ng	-0.02
7) Phenol-d6	7.20	99	82455	26.93	ng	-0.02
23) Nitrobenzene-d5	9.19	82	331783	112.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	146118	118.24	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	704087	101.52	ng	-0.02
78) Terphenyl-d14	20.01	244	1334217	119.83	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	42816	16.809	ng	# 71
49) Dimethylphthalate	14.11	163	81844	9.844	ng	# 98
56) 2,4-Dinitrotoluene	14.65	165	12844	5.074	ng	# 22
66) 4-Bromophenyl-phenylether	16.15	248	10418	3.311	ng	# 1
76) Benzidine	20.01	184	23940	2.705	ng	96

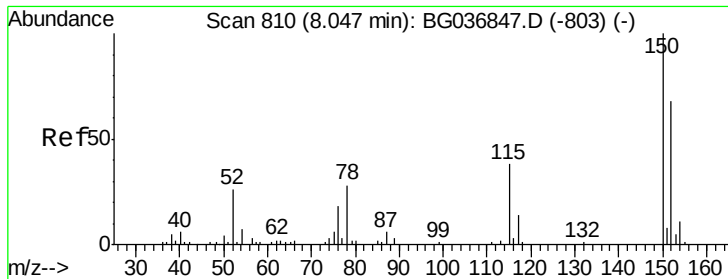
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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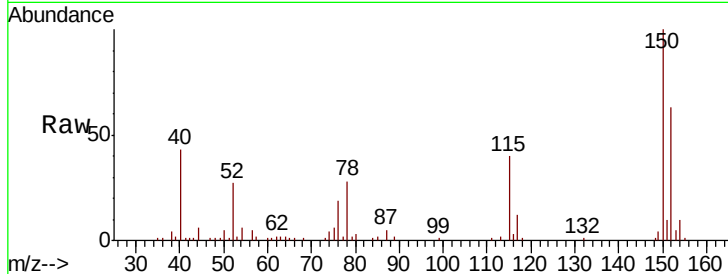


#1

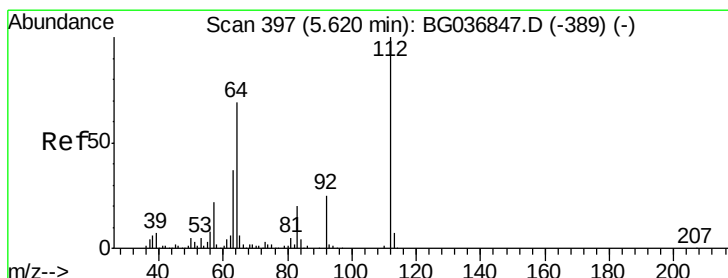
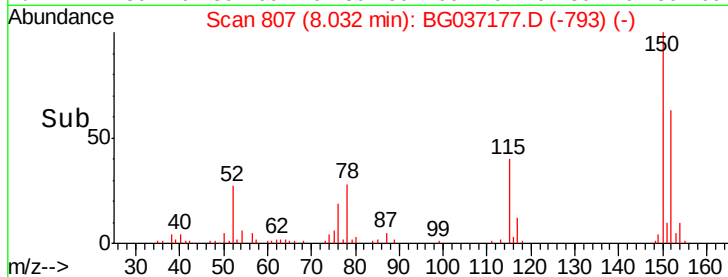
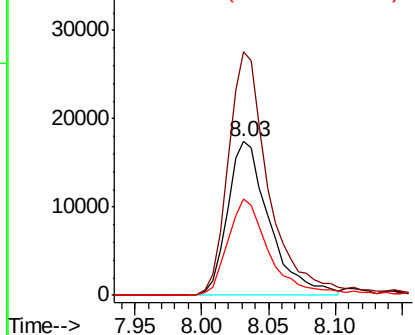
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
100218-DBRI-E-U-B

Tgt Ion:152 Resp: 37955
Ion Ratio Lower Upper
152 100
150 158.2 119.5 179.3
115 63.0 44.5 66.7



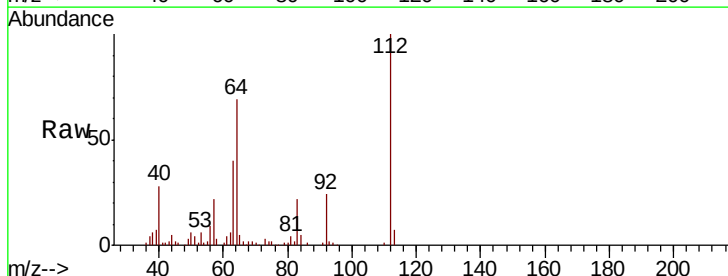
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



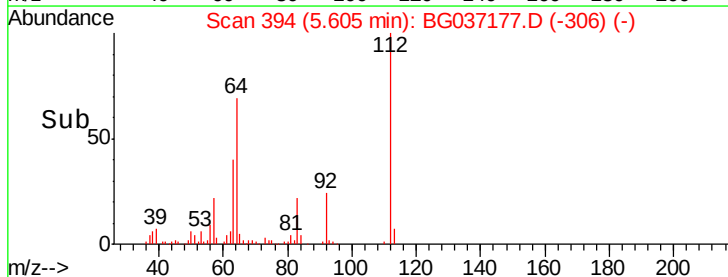
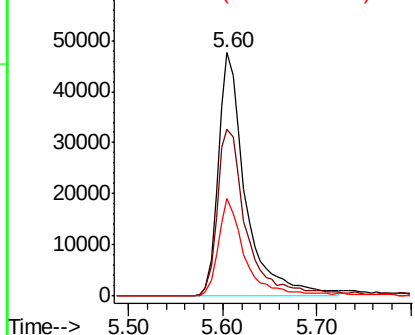
#5

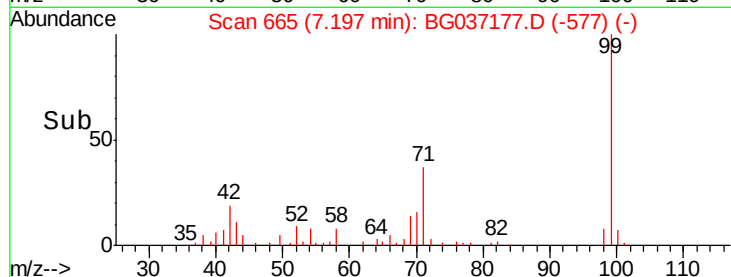
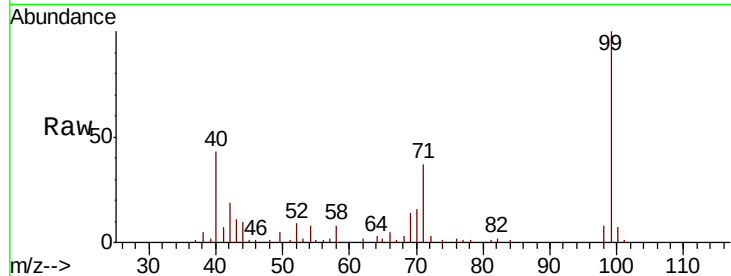
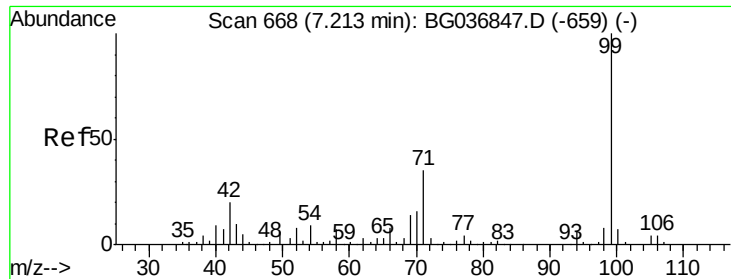
2-Fluorophenol
Concen: 48.807 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

Tgt Ion:112 Resp: 96595
Ion Ratio Lower Upper
112 100
64 68.8 57.2 85.8
63 40.1 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: 26.928 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037177.D

Acq: 5 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

100218-DBRI-E-U-B

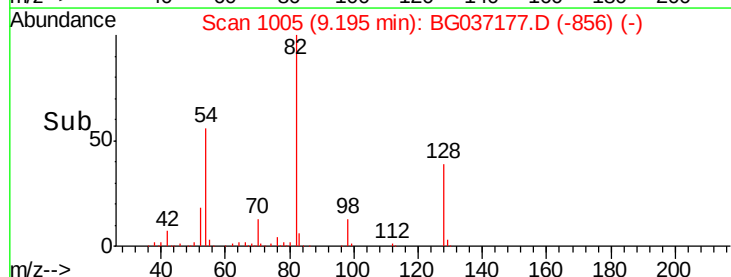
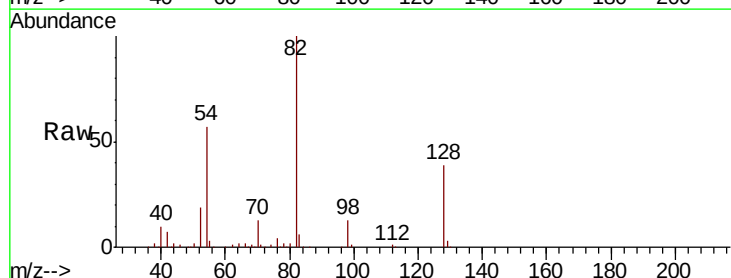
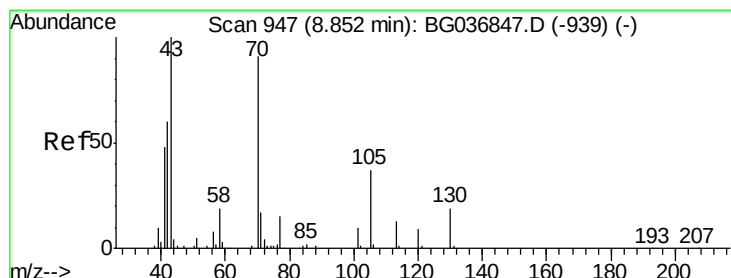
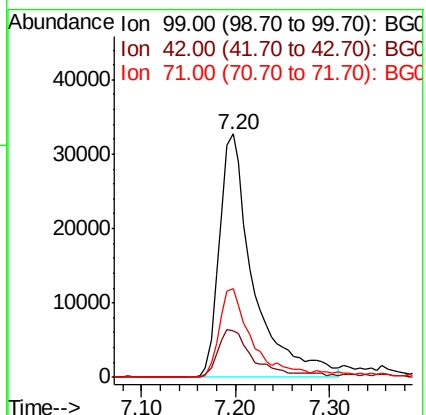
Tgt Ion: 99 Resp: 82455

Ion Ratio Lower Upper

99 100

42 19.0 16.5 24.7

71 36.7 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.809 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037177.D

Acq: 5 Oct 2018 6:44

Tgt Ion: 70 Resp: 42816

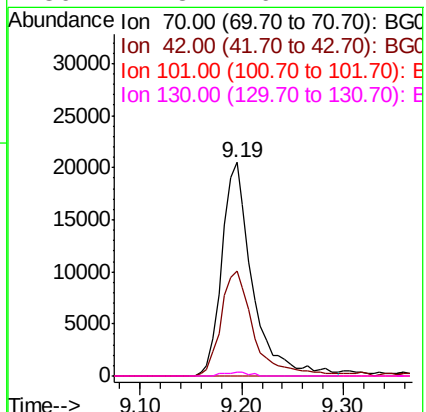
Ion Ratio Lower Upper

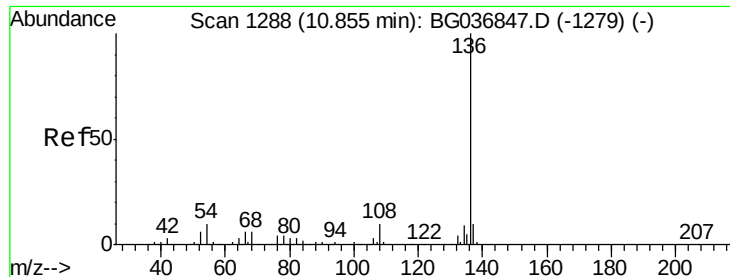
70 100

42 49.2 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 16.2 24.2#

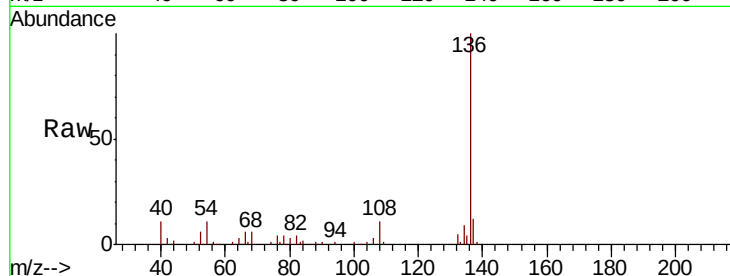




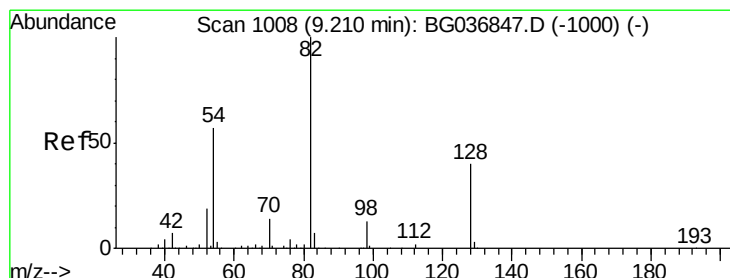
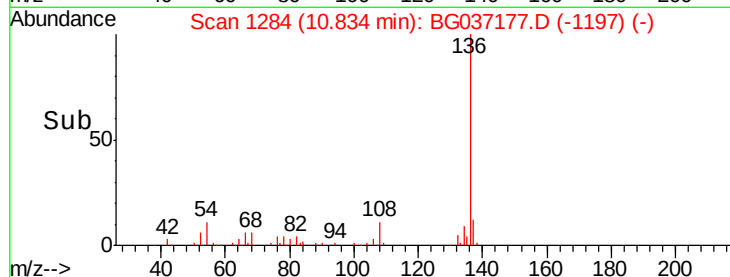
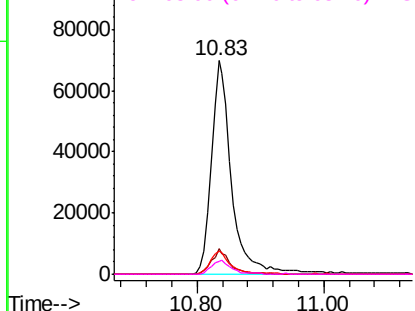
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
100218-DBRI-E-U-B

Tgt Ion:	136	Resp:	157893
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	10.6	9.2	13.8
68	6.3	5.8	8.6

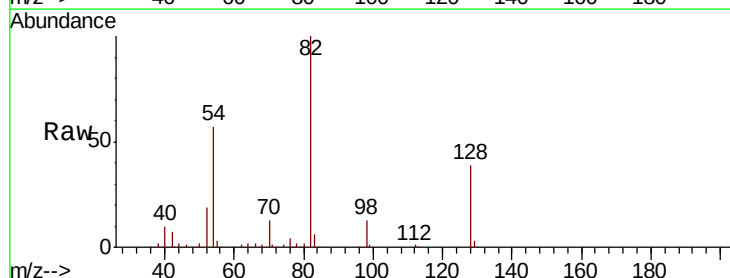


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

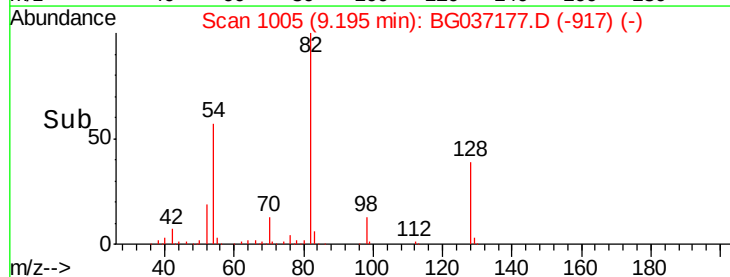
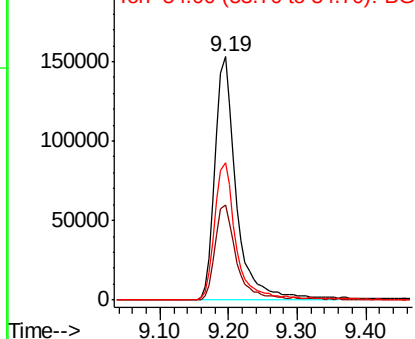


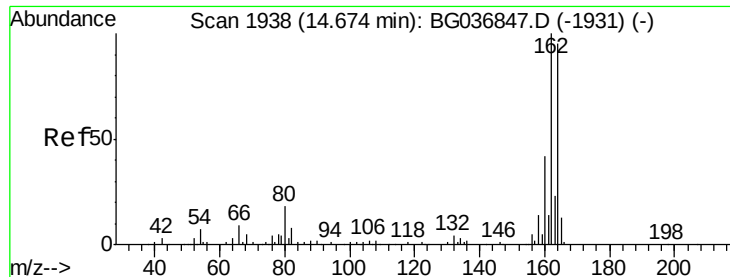
#23
Nitrobenzene-d5
Concen: 112.528 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

Tgt Ion:	82	Resp:	331783
Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.3	49.9
54	56.5	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: 14.65 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BG037177.D

Acq: 5 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

100218-DBRI-E-U-B

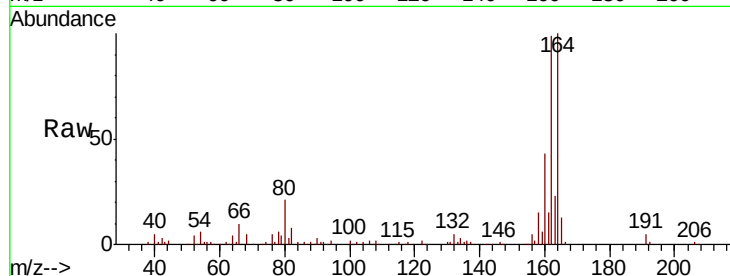
Tgt Ion:164 Resp: 103291

Ion Ratio Lower Upper

164 100

162 99.3 80.7 121.1

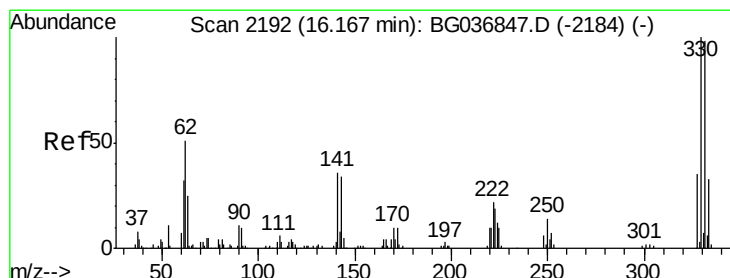
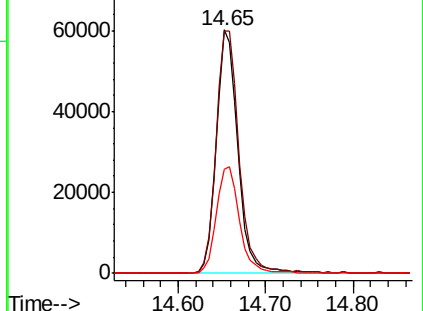
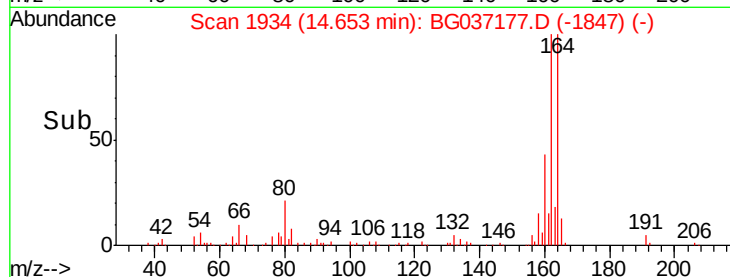
160 42.9 35.3 52.9



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: 118.236 ng

RT: 16.15 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037177.D

Acq: 5 Oct 2018 6:44

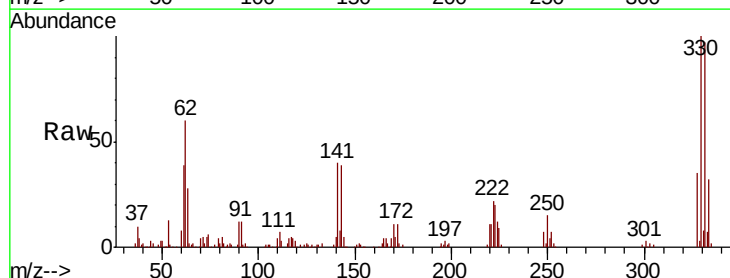
Tgt Ion:330 Resp: 146118

Ion Ratio Lower Upper

330 100

332 96.2 75.4 113.2

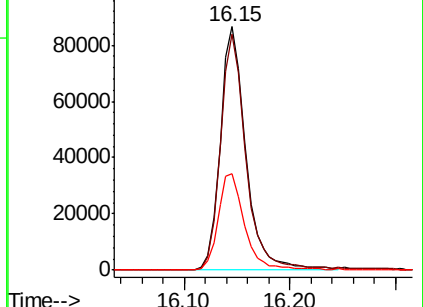
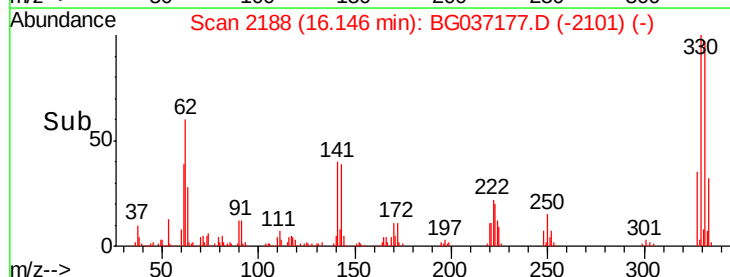
141 41.5 30.7 46.1

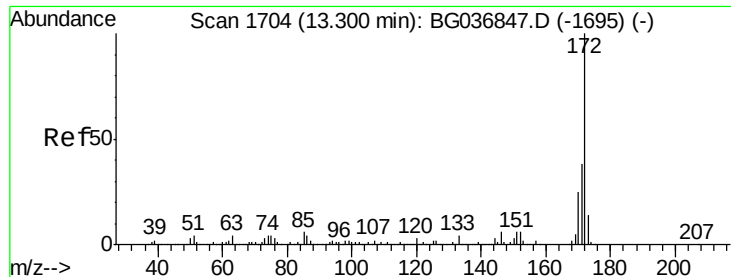


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

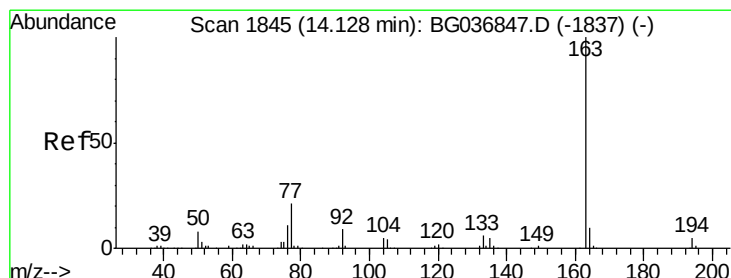
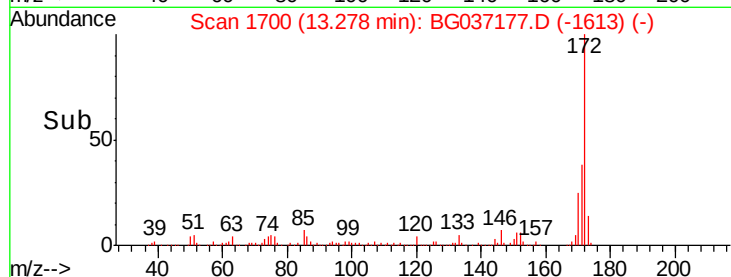
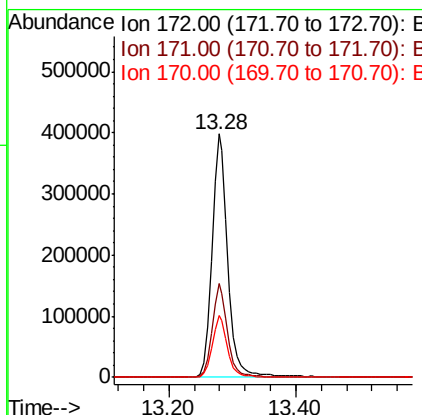
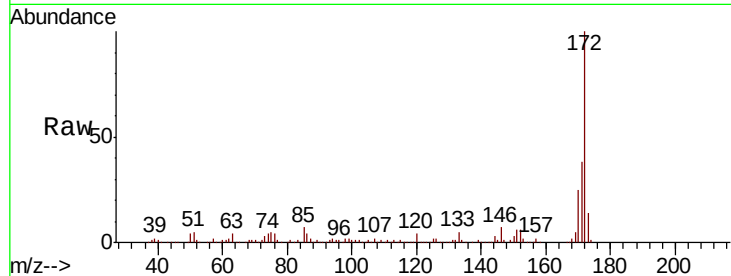




#44
2-Fluorobiphenyl
Concen: 101.525 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

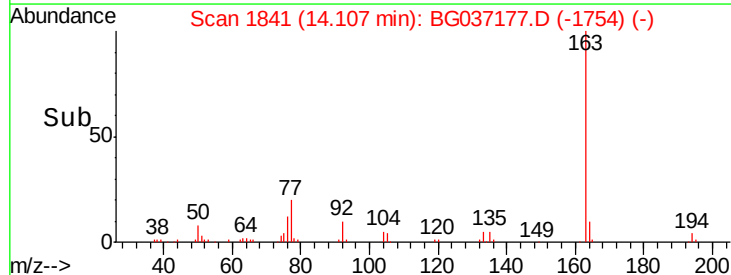
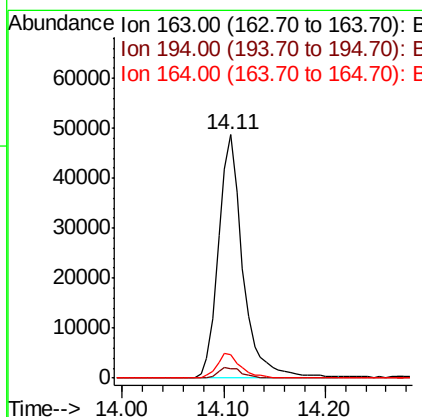
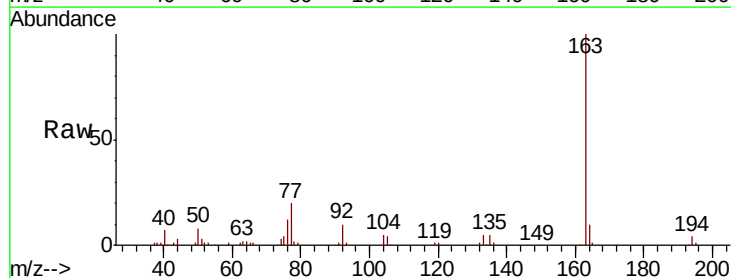
Instrument :
BNA_G
ClientSampleId :
100218-DBRI-E-U-B

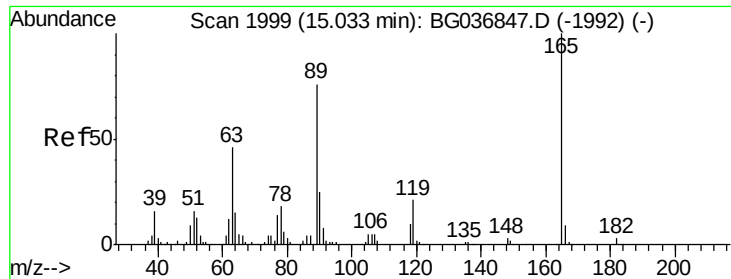
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.5	21.0	31.6



#49
Dimethylphthalate
Concen: 9.844 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	4.0	6.0#
164	9.6	8.1	12.1

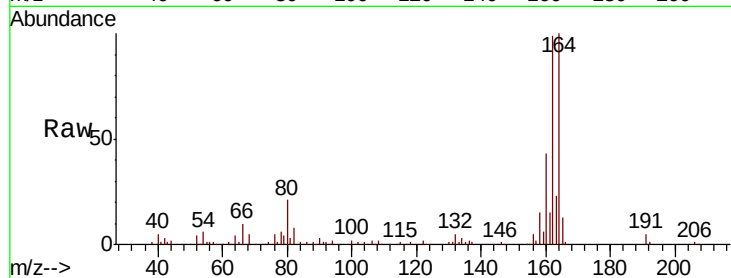




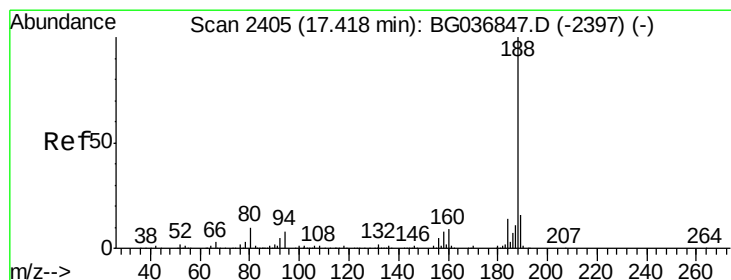
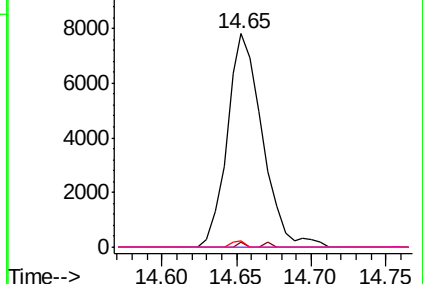
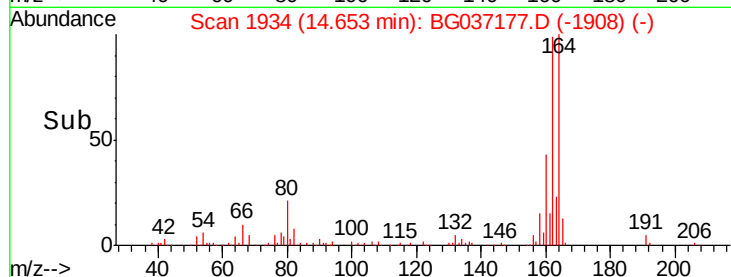
#56
2,4-Dinitrotoluene
Concen: 5.074 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.38 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
100218-DBRI-E-U-B

Tgt Ion:165 Resp: 12844
Ion Ratio Lower Upper
165 100
63 2.6 40.1 60.1#
89 3.3 63.7 95.5#
182 0.0 2.5 3.7#

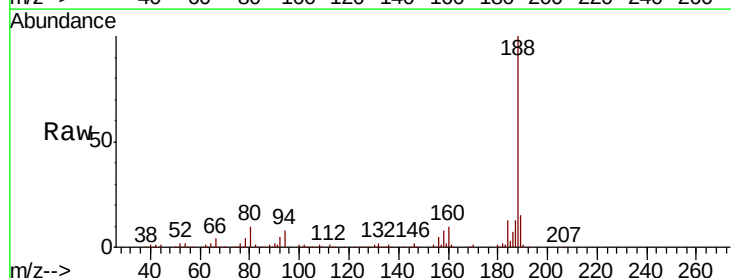


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

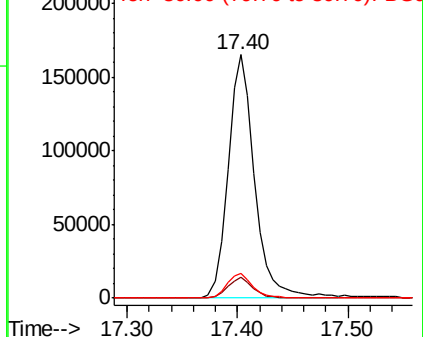
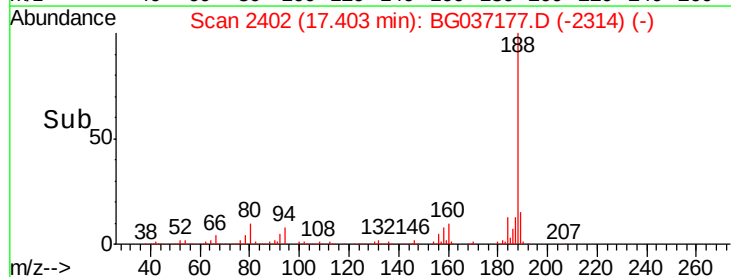


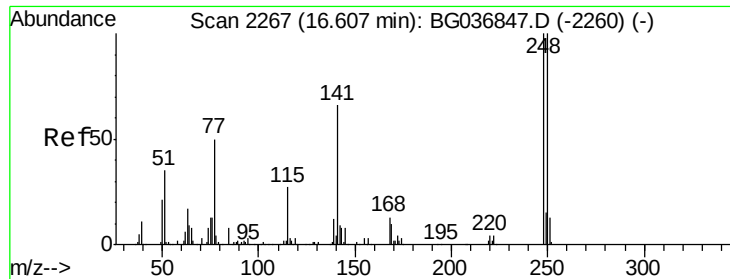
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

Tgt Ion:188 Resp: 276590
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 10.0 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

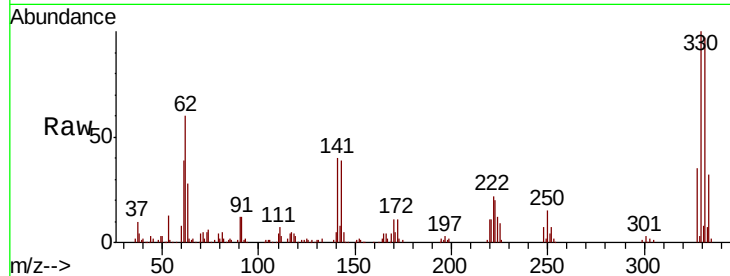




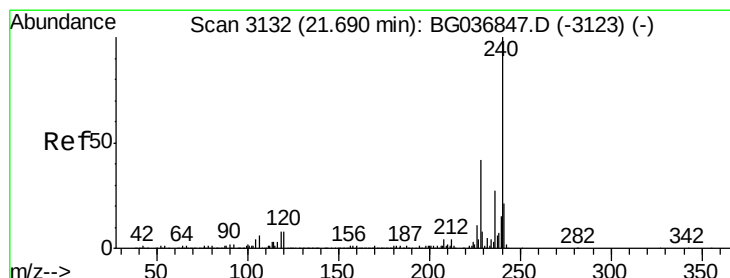
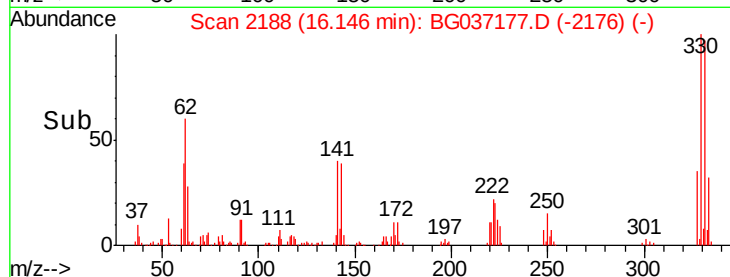
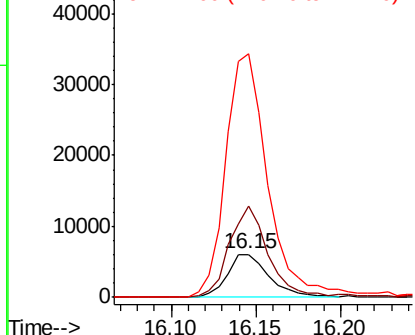
#66
 4-Bromophenyl-phenylether
 Concen: 3.311 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.46 min
 Lab File: BG037177.D
 Acq: 5 Oct 2018 6:44

Instrument :
 BNA_G
 ClientSampleId :
 100218-DBRI-E-U-B

Tgt Ion:248 Resp: 10418
 Ion Ratio Lower Upper
 248 100
 250 211.5 78.1 117.1#
 141 567.4 53.7 80.5#

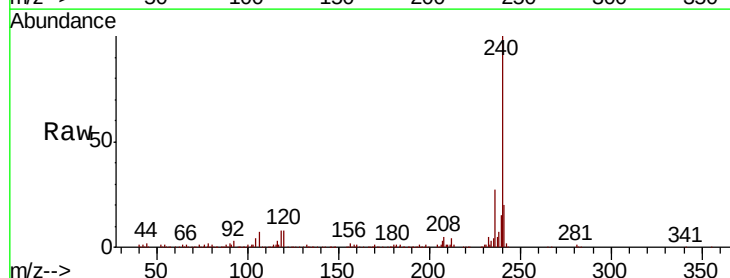


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

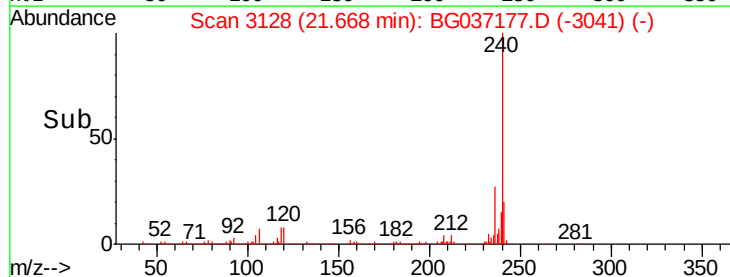
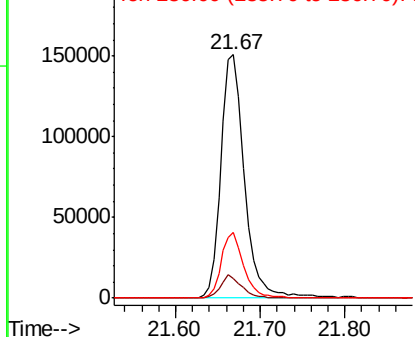


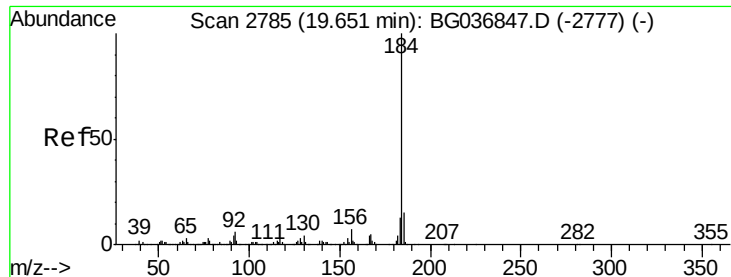
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG037177.D
 Acq: 5 Oct 2018 6:44

Tgt Ion:240 Resp: 292762
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.9 10.3
 236 26.9 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

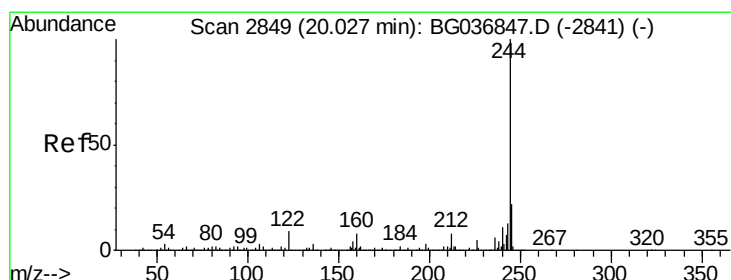
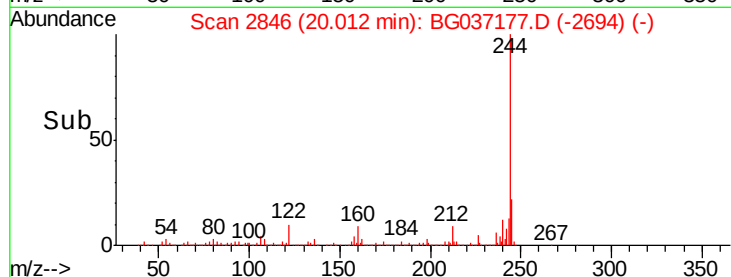
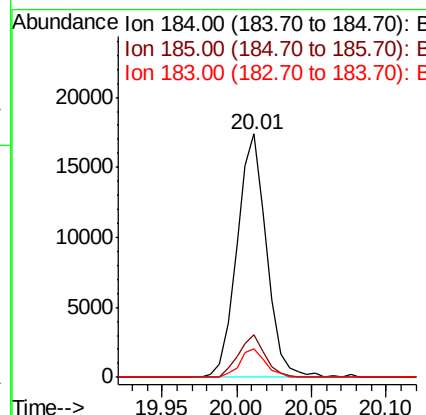
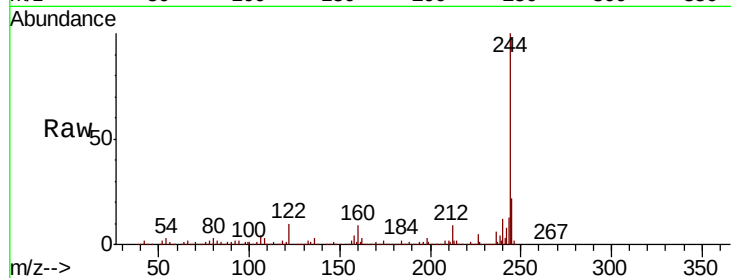




#76
Benzidine
Concen: 2.705 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

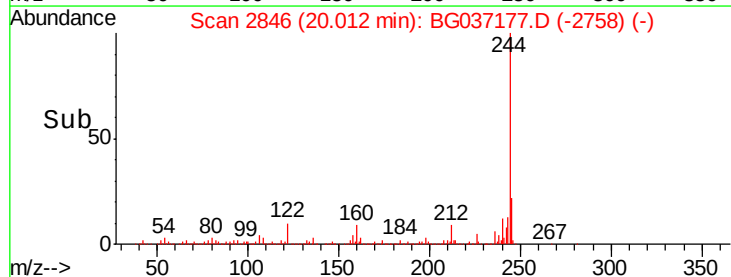
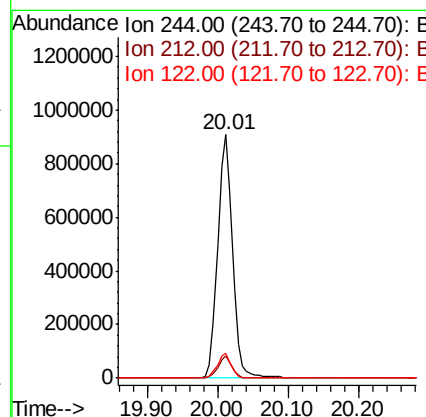
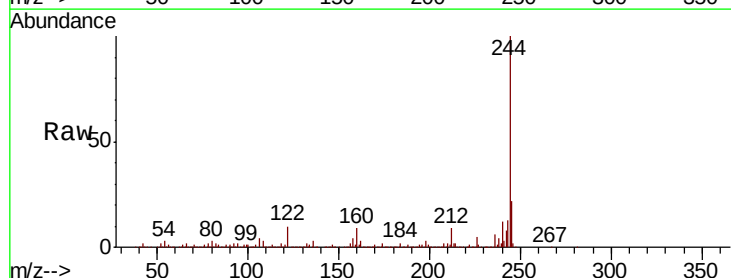
Instrument :
BNA_G
ClientSampleId :
100218-DBRI-E-U-B

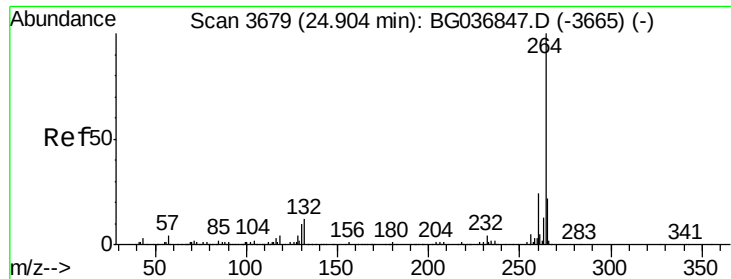
Tgt Ion:184 Resp: 23940
Ion Ratio Lower Upper
184 100
185 17.3 12.6 18.8
183 11.9 10.9 16.3



#78
Terphenyl-d14
Concen: 119.835 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

Tgt Ion:244 Resp: 1334217
Ion Ratio Lower Upper
244 100
212 9.2 7.0 10.6
122 10.1 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.04 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
100218-DBRI-E-U-B

Tgt Ion:	264	Resp:	284508
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	20.9	17.4	26.0

