

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
 Data File : BG037178.D
 Acq On : 5 Oct 2018 7:22
 Operator : JU/SJ
 Sample : J5241-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 05 08:43:19 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

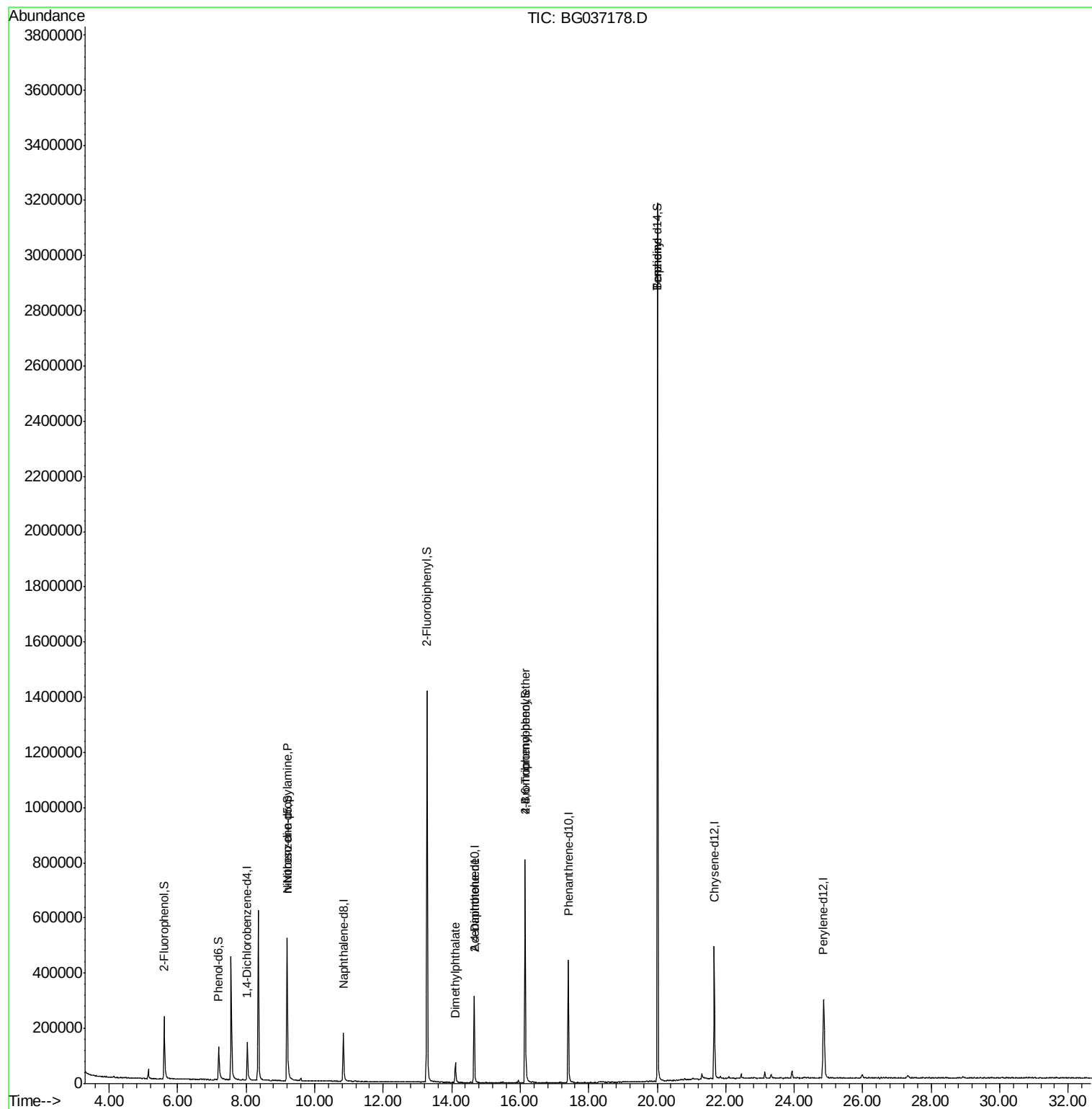
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44767	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	181275	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	118973	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	315443	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	327593	20.00	ng	-0.02
86) Perylene-d12	24.86	264	327155	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	117038	50.14	ng	-0.02
7) Phenol-d6	7.20	99	97607	27.03	ng	-0.02
23) Nitrobenzene-d5	9.19	82	384409	113.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	163959	115.19	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	794014	99.40	ng	-0.02
78) Terphenyl-d14	20.01	244	1467505	117.79	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	50149	16.692	ng	# 76
49) Dimethylphthalate	14.11	163	61856	6.459	ng	# 99
56) 2,4-Dinitrotoluene	14.65	165	15354	5.266	ng	# 21
66) 4-Bromophenyl-phenylether	16.15	248	11512	3.208	ng	# 1
76) Benzidine	20.01	184	27330	2.760	ng	# 93

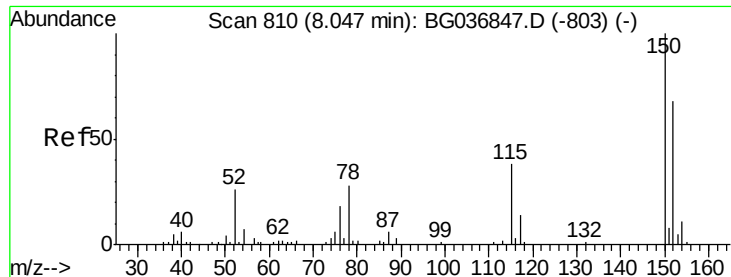
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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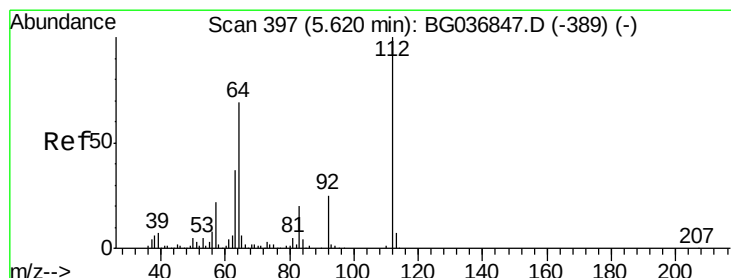
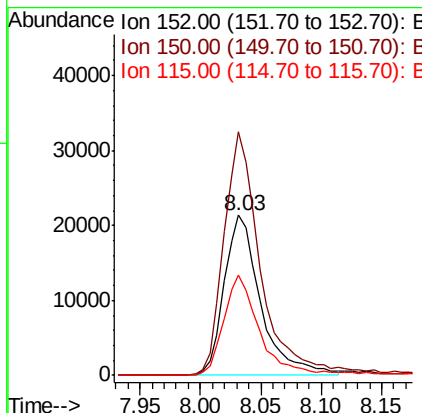
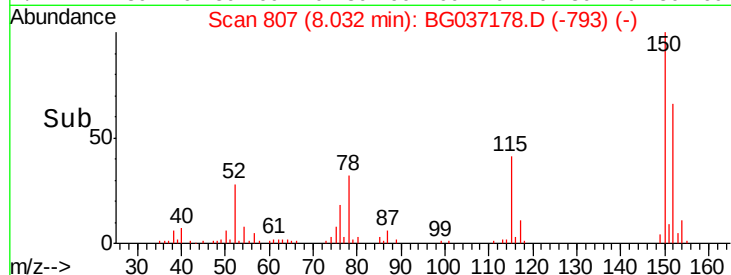
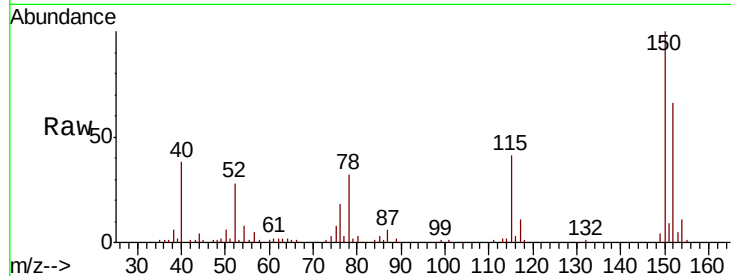


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037178.D
Acq: 5 Oct 2018 7:22

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

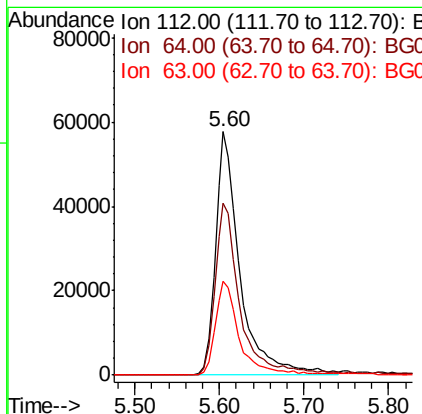
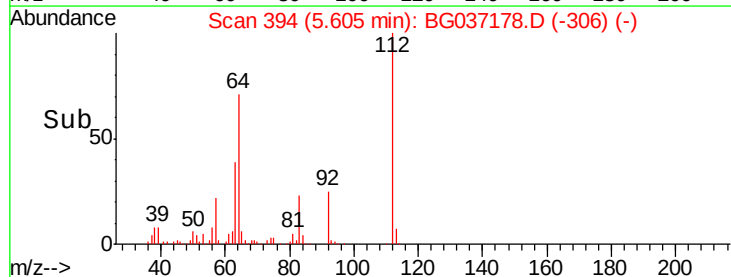
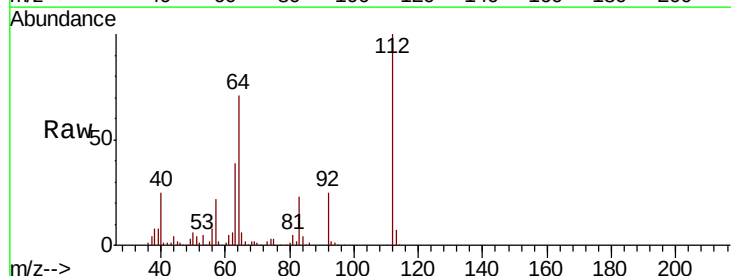
Tgt Ion:152 Resp: 44767
Ion Ratio Lower Upper
152 100
150 151.9 119.5 179.3
115 62.2 44.5 66.7

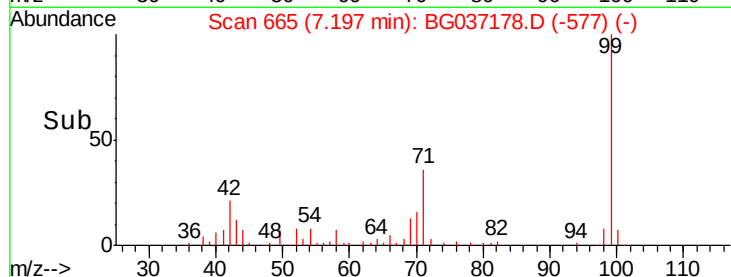
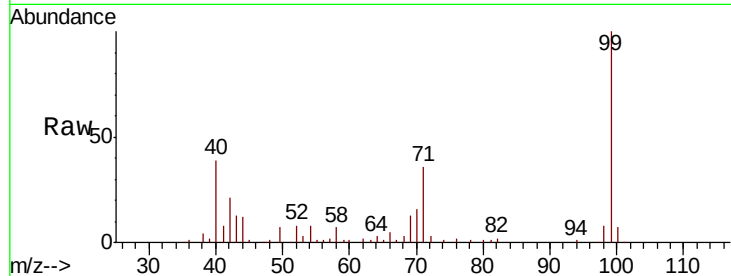
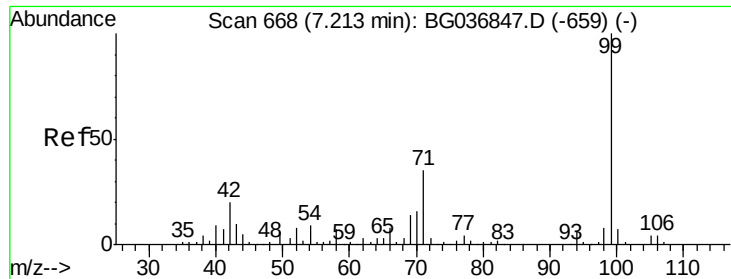


#5

2-Fluorophenol
Concen: 50.138 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037178.D
Acq: 5 Oct 2018 7:22

Tgt Ion:112 Resp: 117038
Ion Ratio Lower Upper
112 100
64 70.6 57.2 85.8
63 38.6 30.8 46.2





#7

Phenol-d6

Concen: 27.026 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037178.D

Acq: 5 Oct 2018 7:22

Instrument :

BNA_G

ClientSampleId :

100218-DBRI-E-U-S

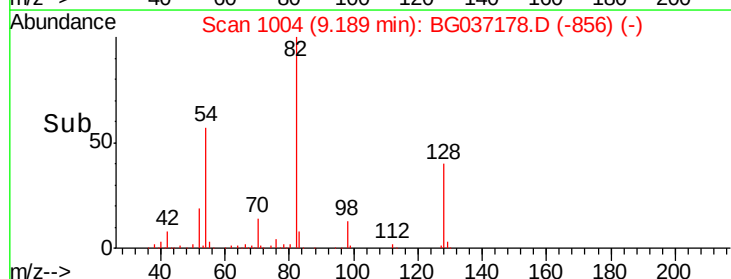
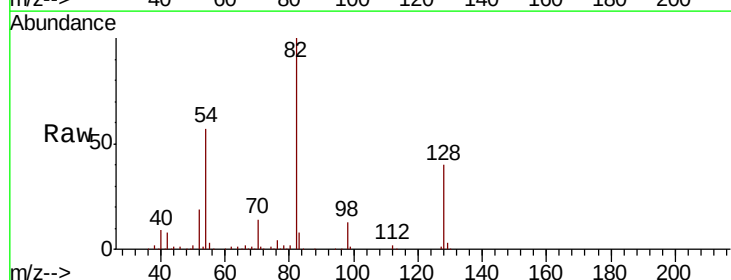
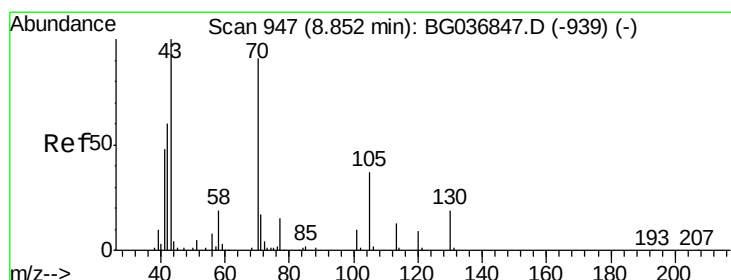
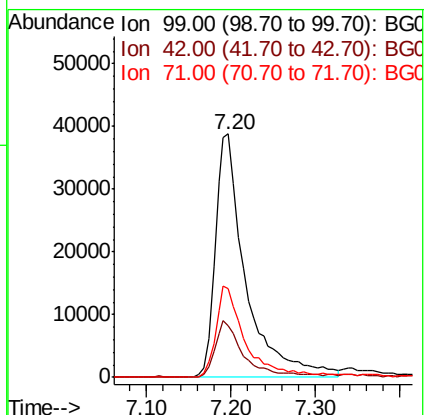
Tgt Ion: 99 Resp: 97607

Ion Ratio Lower Upper

99 100

42 21.3 16.5 24.7

71 36.3 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.692 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.34 min

Lab File: BG037178.D

Acq: 5 Oct 2018 7:22

Tgt Ion: 70 Resp: 50149

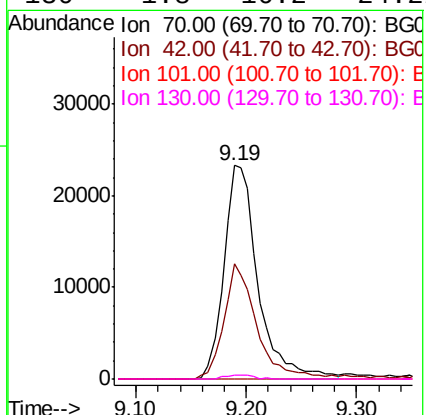
Ion Ratio Lower Upper

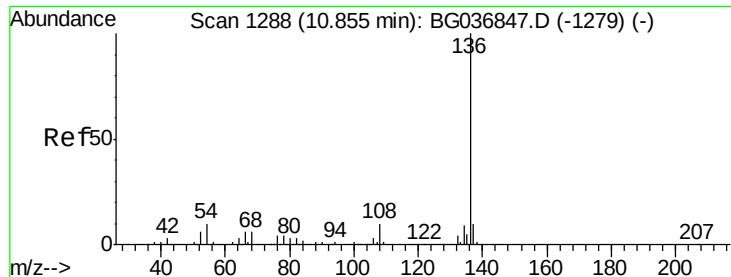
70 100

42 54.1 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 16.2 24.2#

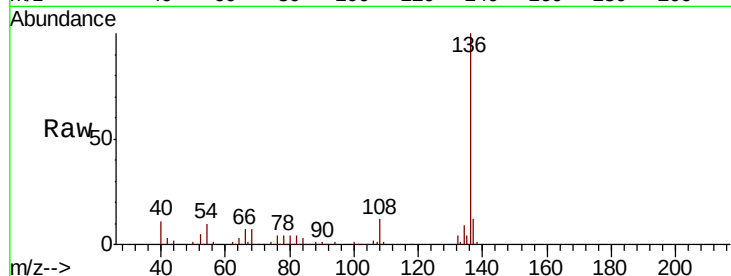




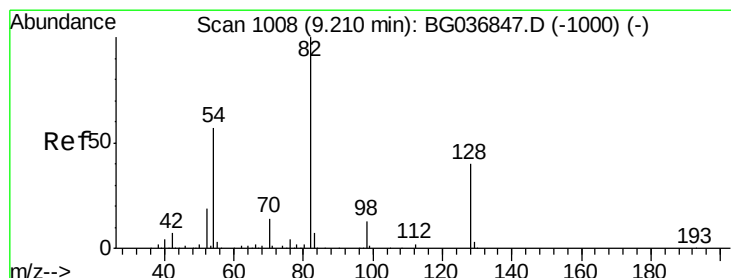
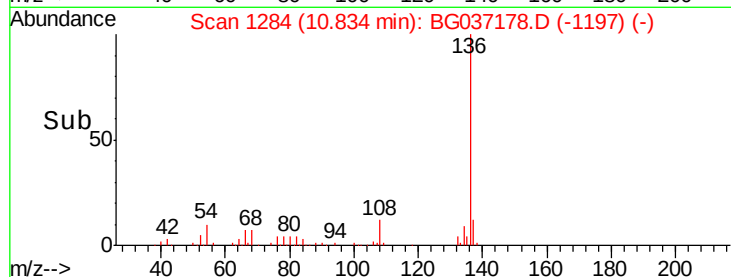
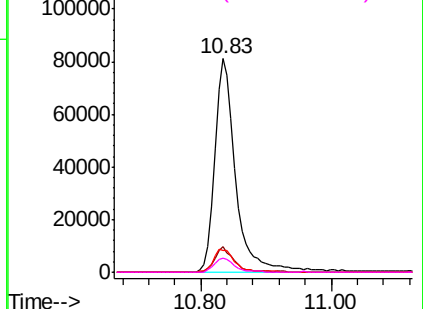
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037178.D
Acq: 5 Oct 2018 7:22

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

Tgt Ion:	136	Resp:	181275
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	10.4	9.2	13.8
68	6.8	5.8	8.6

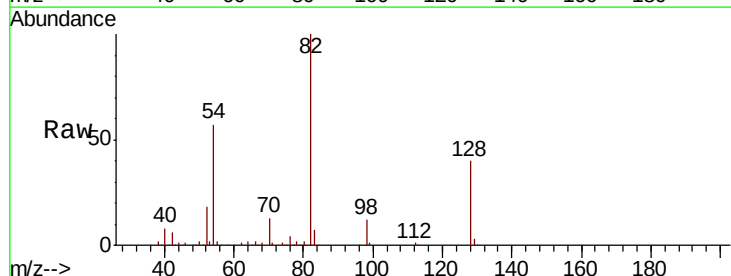


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

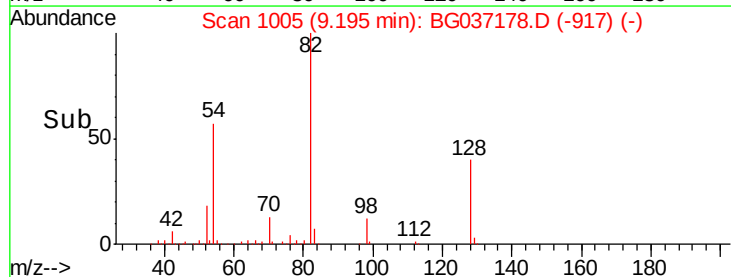
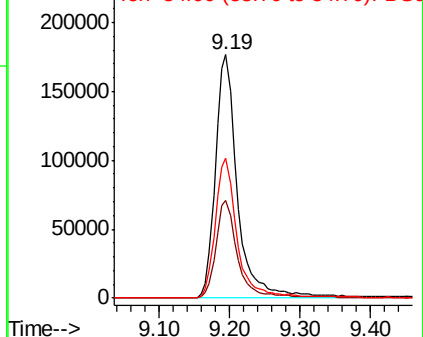


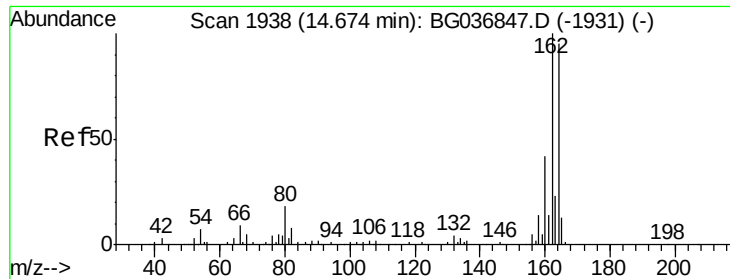
#23
Nitrobenzene-d5
Concen: 113.559 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037178.D
Acq: 5 Oct 2018 7:22

Tgt Ion:	82	Resp:	384409
Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.3	49.9
54	57.3	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: BG037178.D

Acq: 5 Oct 2018 7:22

Instrument :

BNA_G

ClientSampleId :

100218-DBRI-E-U-S

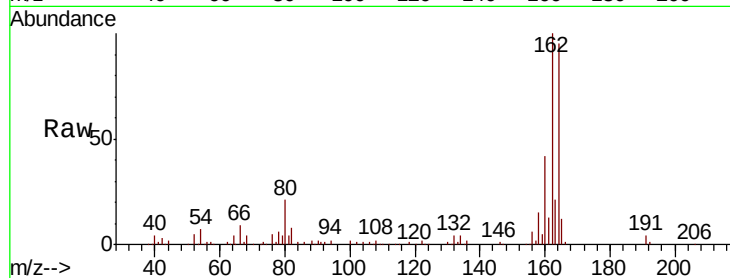
Tgt Ion:164 Resp: 118973

Ion Ratio Lower Upper

164 100

162 104.8 80.7 121.1

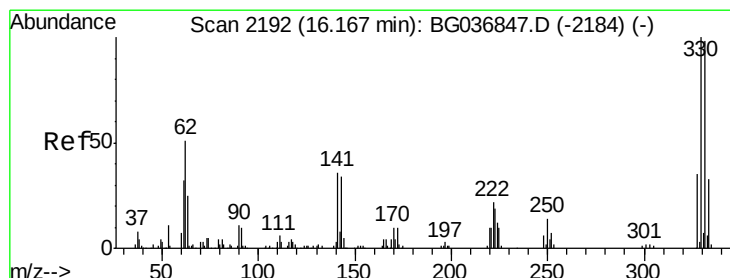
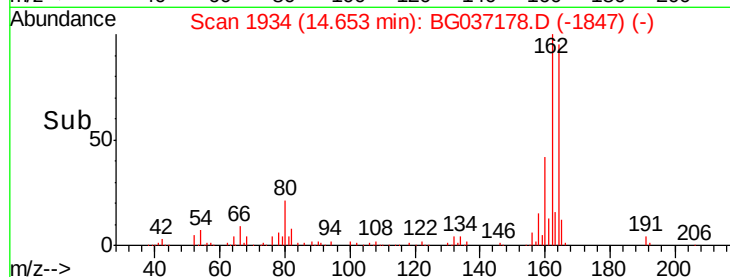
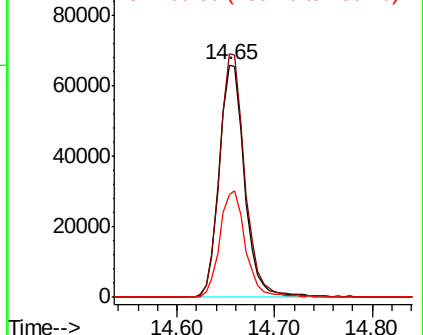
160 44.1 35.3 52.9



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: 115.185 ng

RT: 16.15 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037178.D

Acq: 5 Oct 2018 7:22

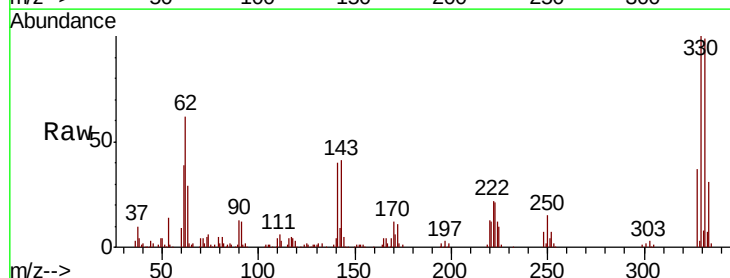
Tgt Ion:330 Resp: 163959

Ion Ratio Lower Upper

330 100

332 95.9 75.4 113.2

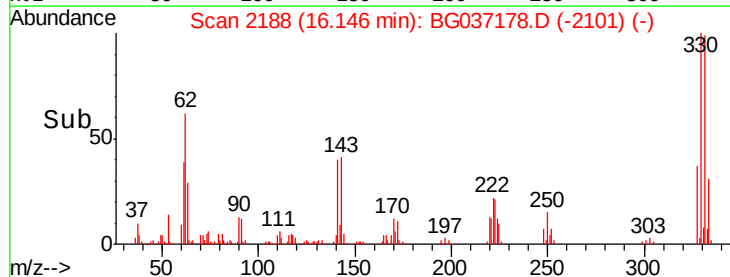
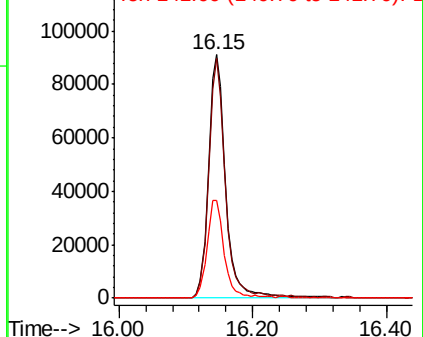
141 40.5 30.7 46.1

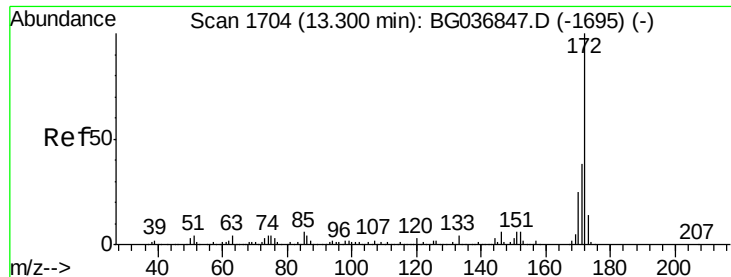


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

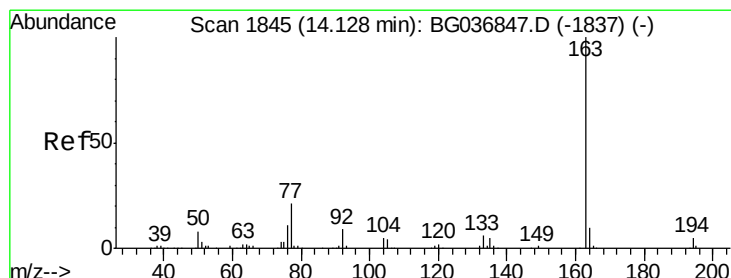
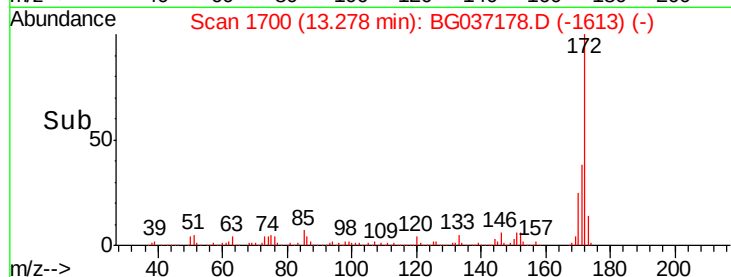
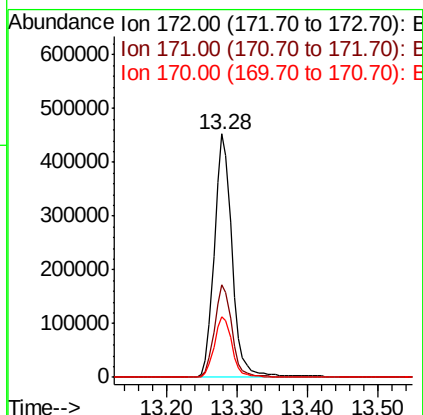
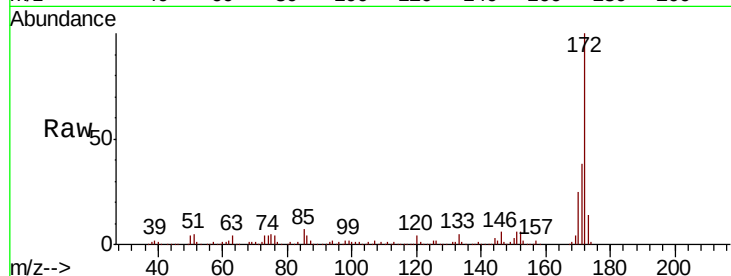




#44
2-Fluorobiphenyl
Concen: 99.400 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037178.D
Acq: 5 Oct 2018 7:22

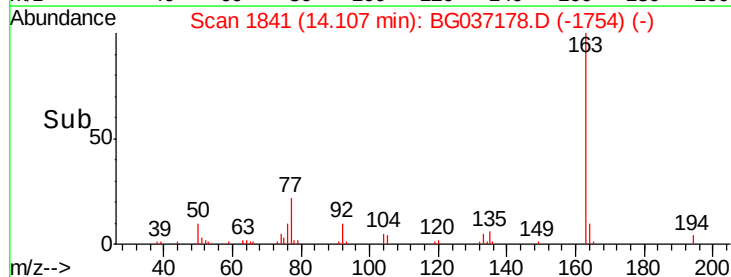
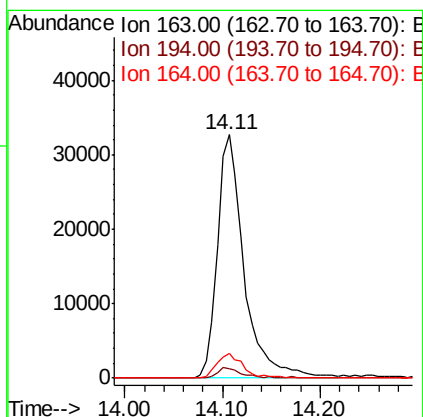
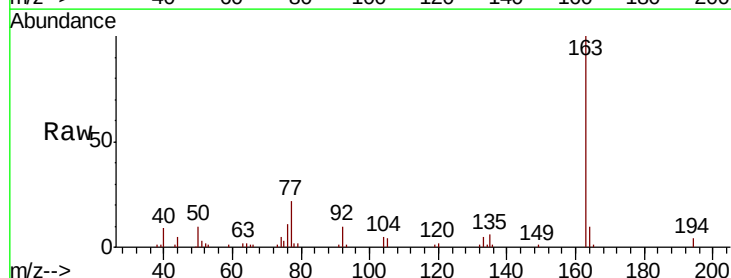
Instrument :
BNA_G
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100218-DBRI-E-U-S

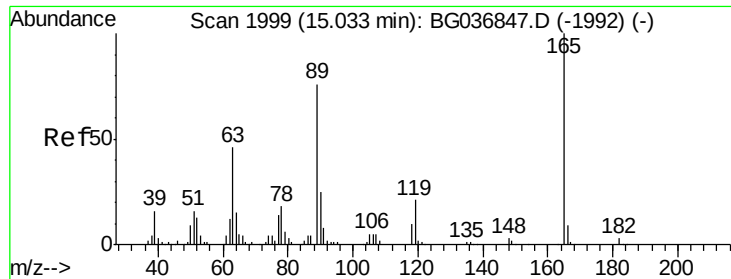
Tgt Ion:172 Resp: 794014
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 25.1 21.0 31.6



#49
Dimethylphthalate
Concen: 6.459 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BG037178.D
Acq: 5 Oct 2018 7:22

Tgt Ion:163 Resp: 61856
Ion Ratio Lower Upper
163 100
194 3.9 4.0 6.0#
164 9.9 8.1 12.1

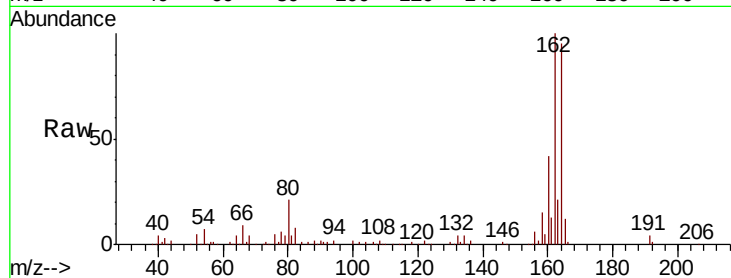




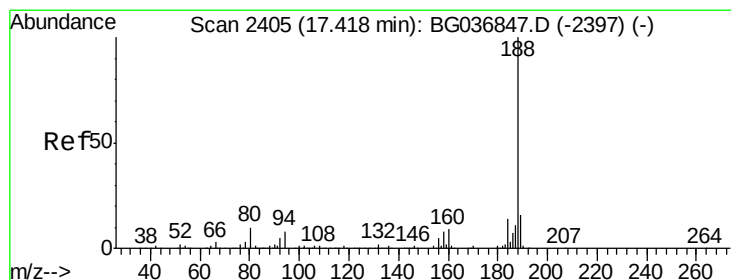
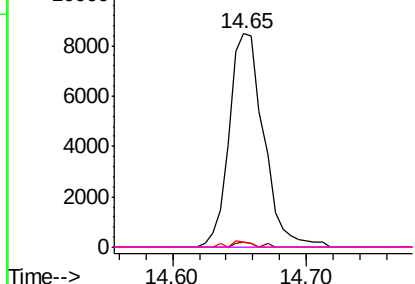
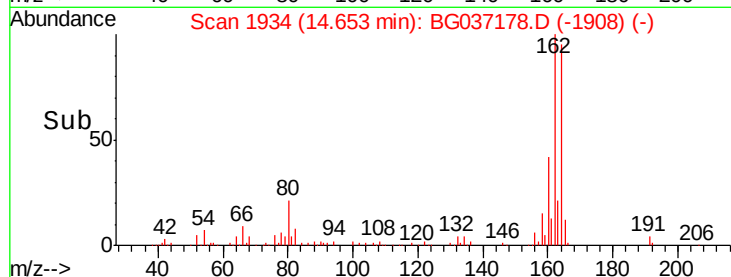
#56
 2,4-Dinitrotoluene
 Concen: 5.266 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.38 min
 Lab File: BG037178.D
 Acq: 5 Oct 2018 7:22

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

Tgt Ion:165 Resp: 15354
 Ion Ratio Lower Upper
 165 100
 63 2.7 40.1 60.1#
 89 2.4 63.7 95.5#
 182 0.0 2.5 3.7#

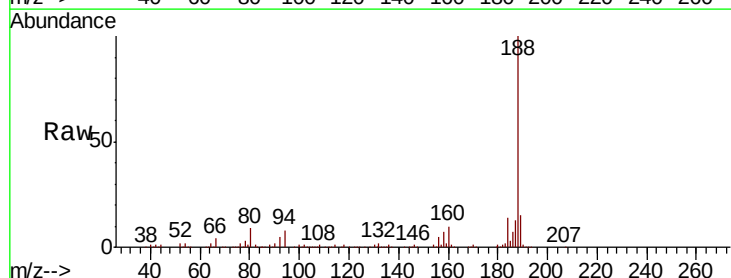


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

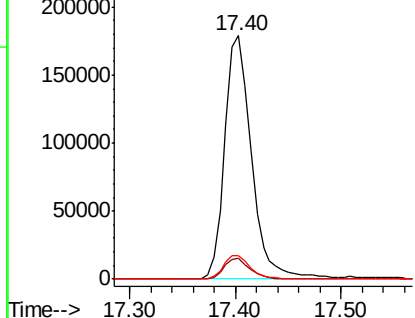
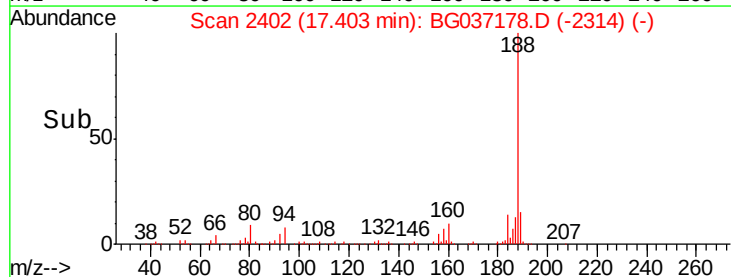


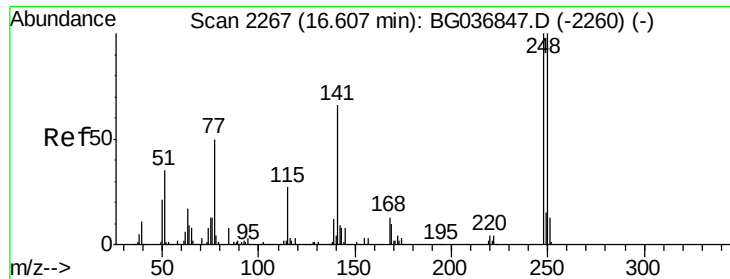
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037178.D
 Acq: 5 Oct 2018 7:22

Tgt Ion:188 Resp: 315443
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.7 10.1
 80 9.5 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

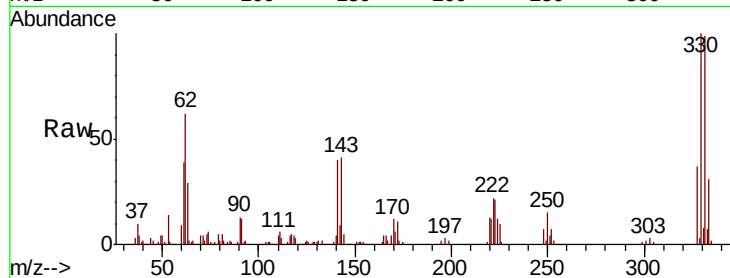




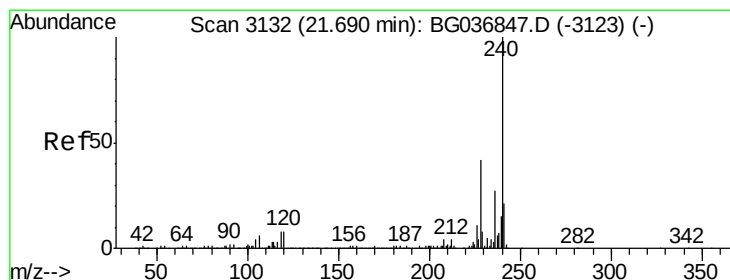
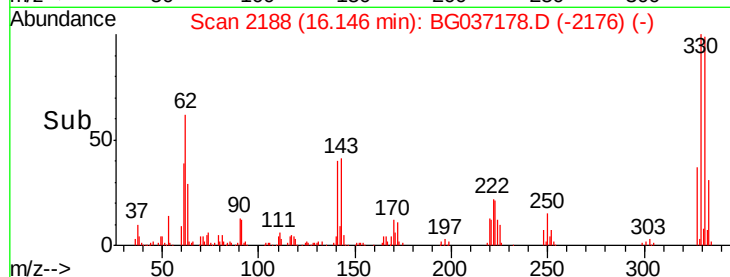
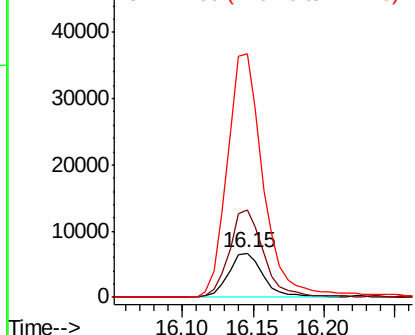
#66
 4-Bromophenyl-phenylether
 Concen: 3.208 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.46 min
 Lab File: BG037178.D
 Acq: 5 Oct 2018 7:22

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

Tgt Ion:248 Resp: 11512
 Ion Ratio Lower Upper
 248 100
 250 198.8 78.1 117.1#
 141 550.6 53.7 80.5#

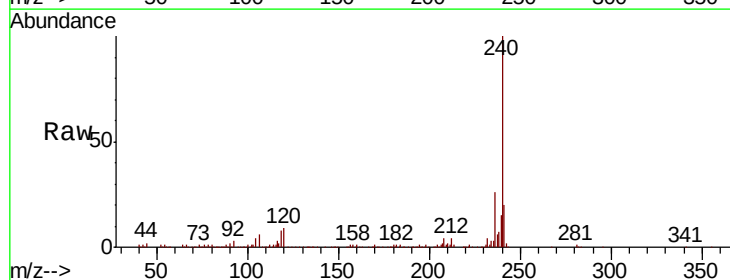


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

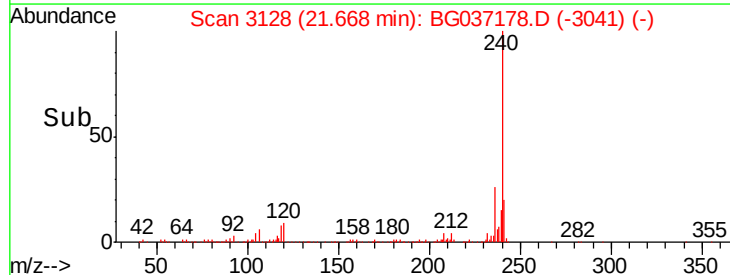
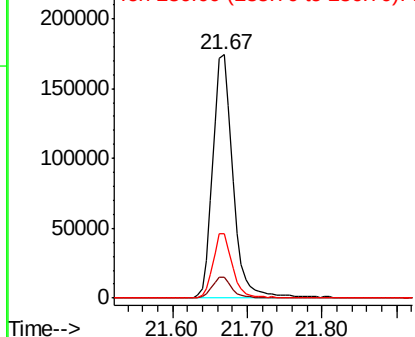


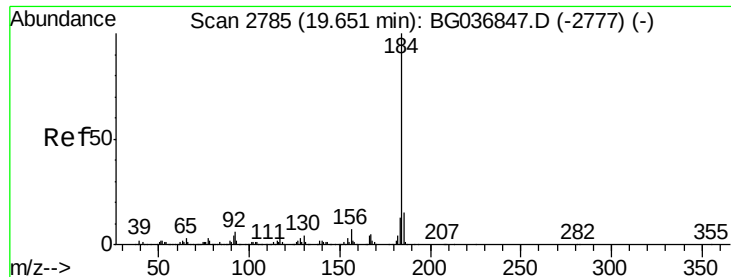
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG037178.D
 Acq: 5 Oct 2018 7:22

Tgt Ion:240 Resp: 327593
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.9 10.3
 236 26.5 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: 2.760 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.36 min

Lab File: BG037178.D

Acq: 5 Oct 2018 7:22

Instrument :

BNA_G

ClientSampleId :

100218-DBRI-E-U-S

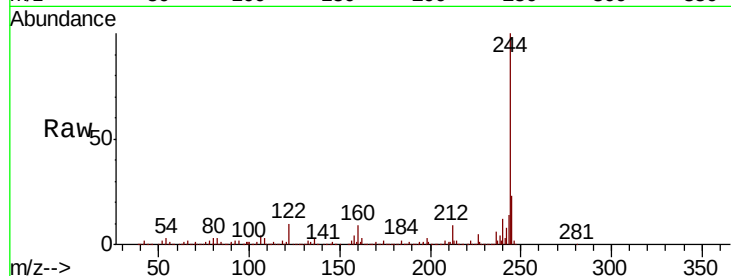
Tgt Ion:184 Resp: 27330

Ion Ratio Lower Upper

184 100

185 16.7 12.6 18.8

183 9.1 10.9 16.3#

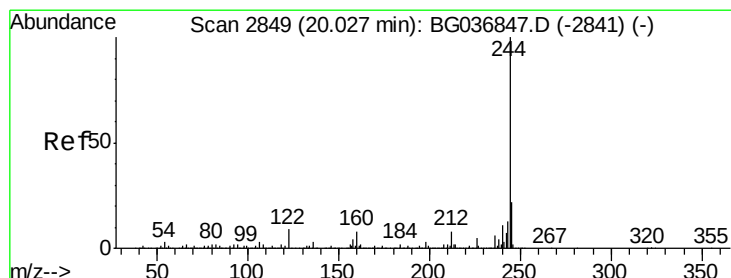
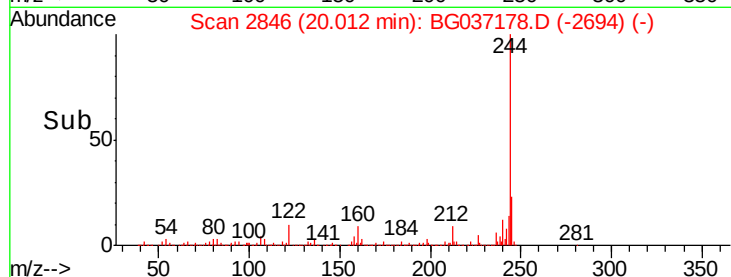
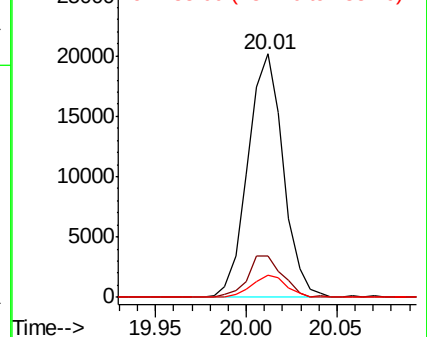


Abundance

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: 117.792 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037178.D

Acq: 5 Oct 2018 7:22

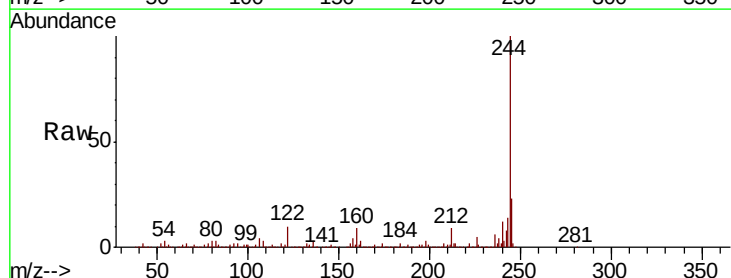
Tgt Ion:244 Resp: 1467505

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

122 9.8 7.1 10.7

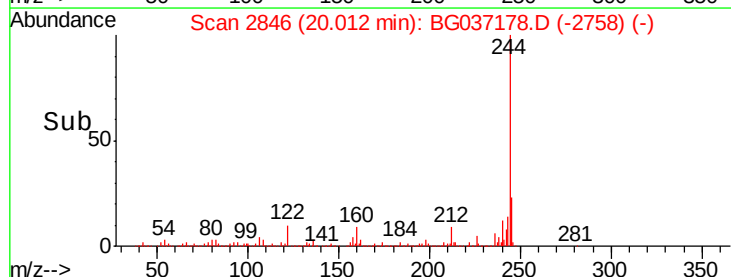
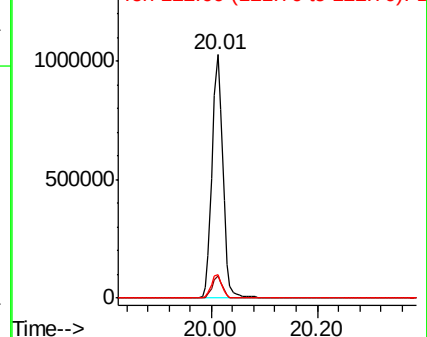


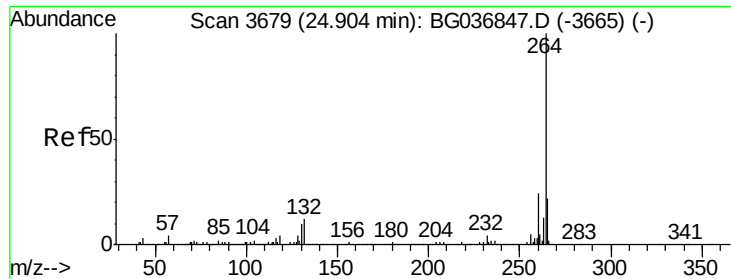
Abundance

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

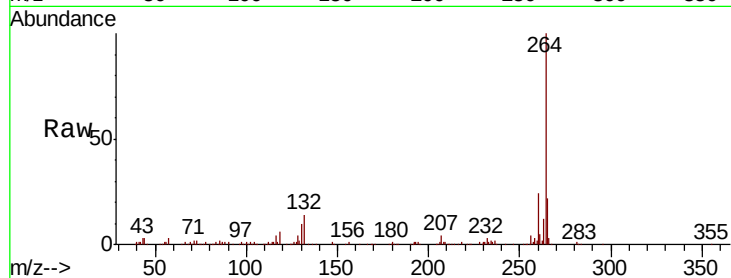




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.04 min
Lab File: BG037178.D
Acq: 5 Oct 2018 7:22

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.6	17.4	26.0



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

