

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
 Data File : BG037159.D
 Acq On : 4 Oct 2018 17:31
 Operator : JU/SJ
 Sample : J5194-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-B

Quant Time: Oct 05 01:42:00 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

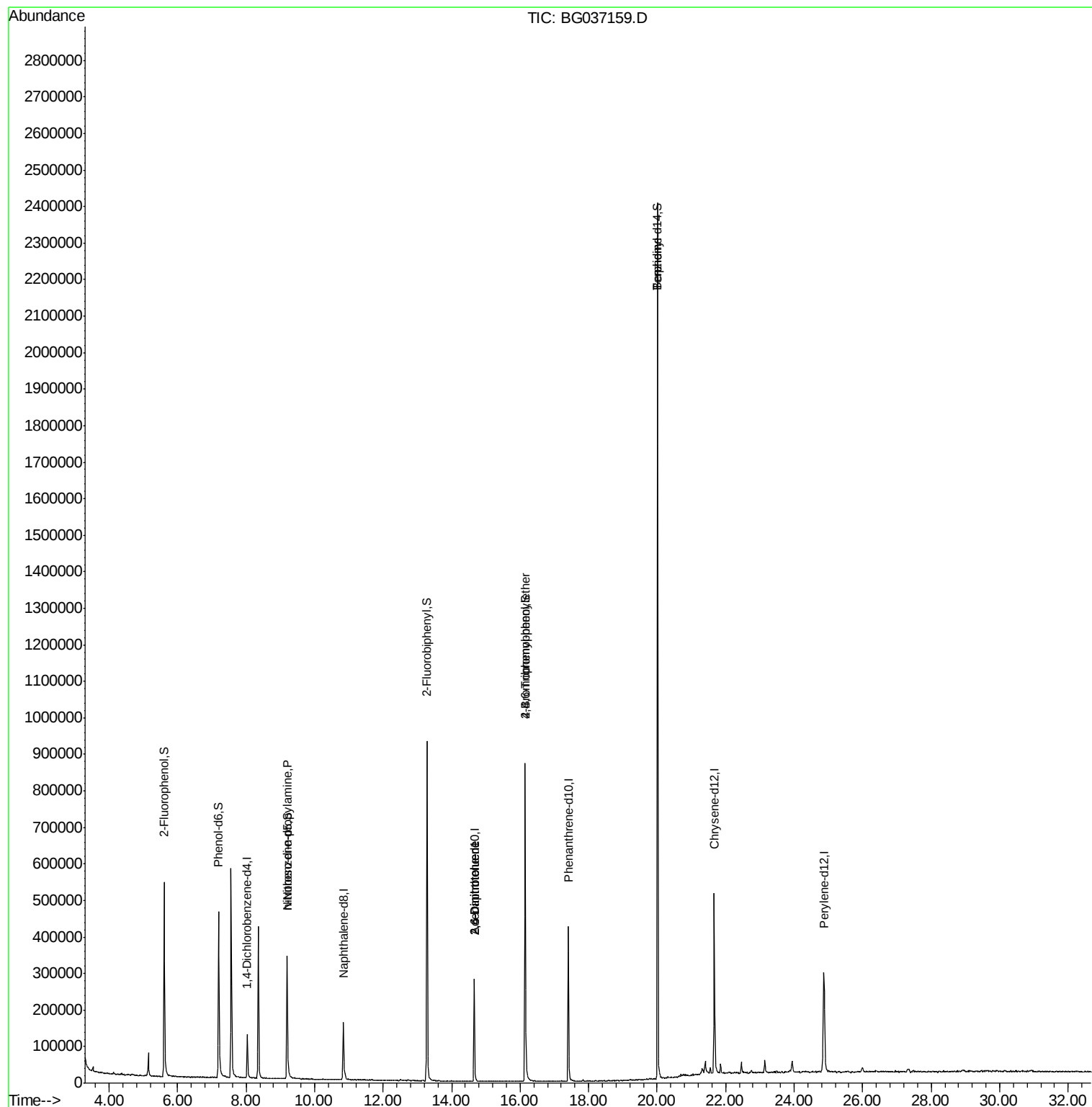
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38189	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	154889	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	103349	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	291487	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	313198	20.00	ng	-0.02
86) Perylene-d12	24.87	264	312454	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	246153	123.61	ng	-0.02
7) Phenol-d6	7.19	99	304105	98.71	ng	-0.02
23) Nitrobenzene-d5	9.20	82	254489	87.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	169488	137.07	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	512651	73.88	ng	-0.02
78) Terphenyl-d14	20.01	244	1096438	92.05	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	33391	13.028	ng	# 73
50) 2,6-Dinitrotoluene	14.66	165	13270	7.311	ng	# 22
56) 2,4-Dinitrotoluene	14.66	165	13270	5.240	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	12054	3.636	ng	# 1
76) Benzidine	20.01	184	19632	2.074	ng	# 92

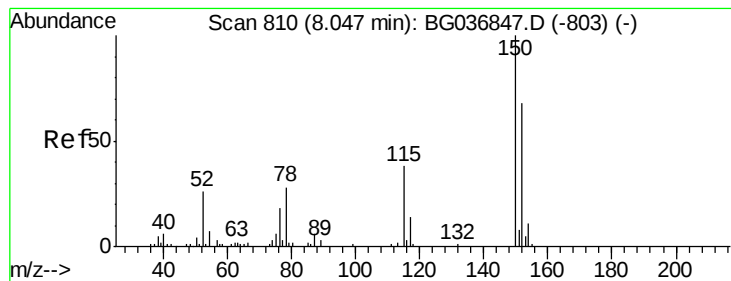
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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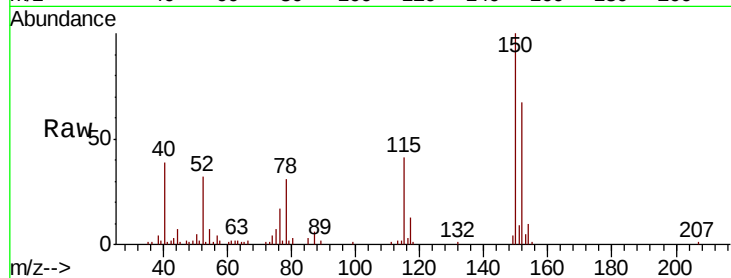


#1

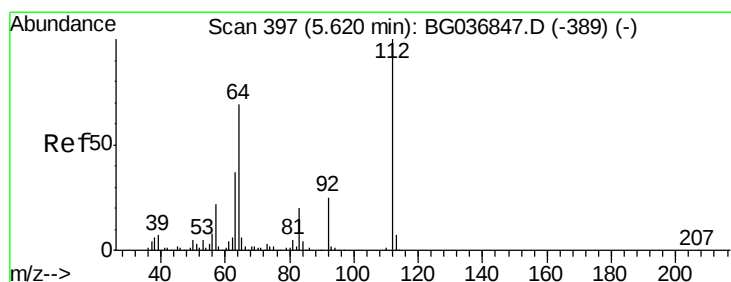
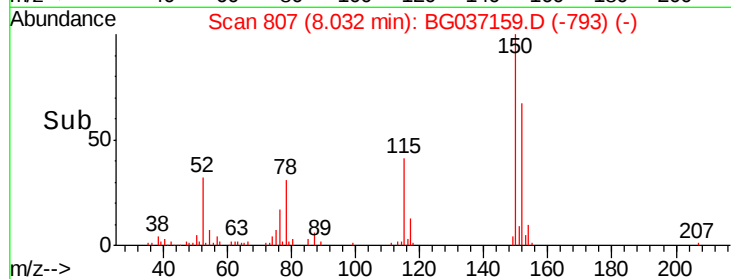
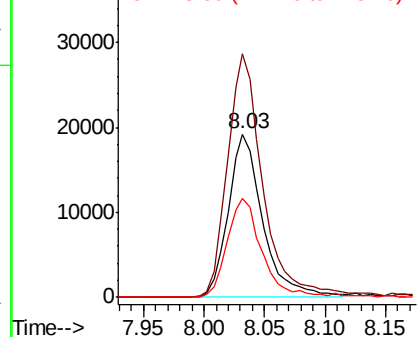
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-B

Tgt Ion:152 Resp: 38189
Ion Ratio Lower Upper
152 100
150 148.9 119.5 179.3
115 60.5 44.5 66.7



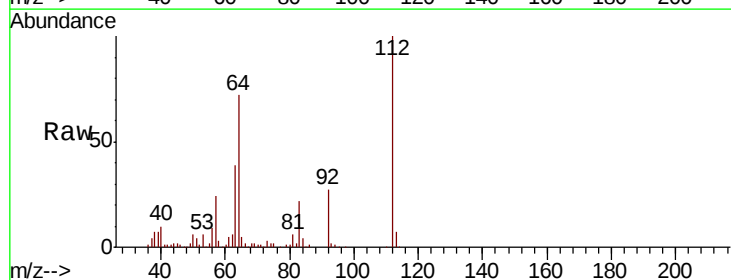
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



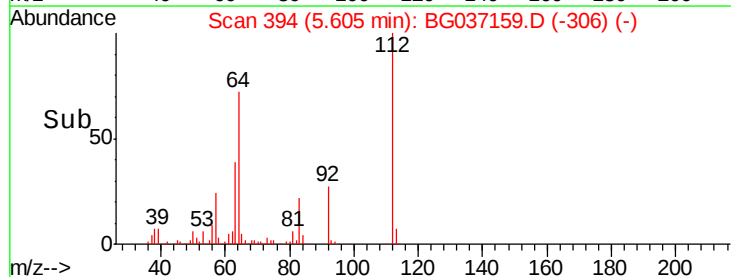
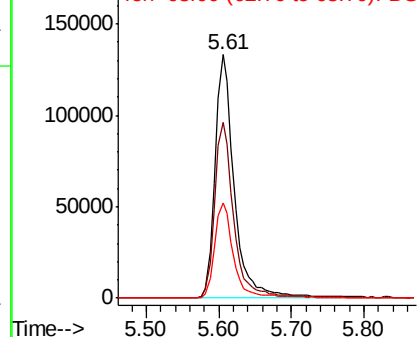
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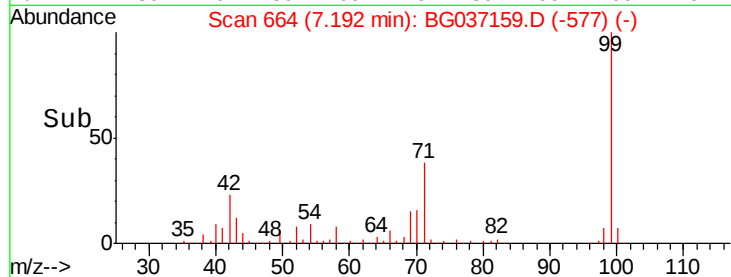
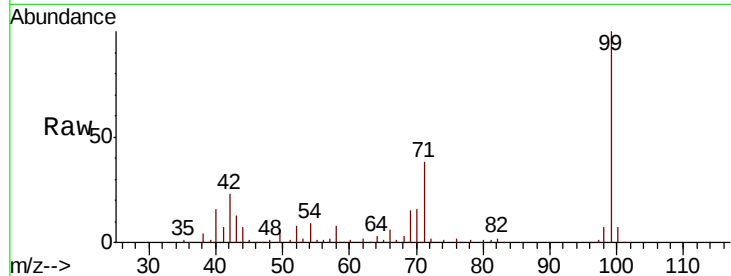
2-Fluorophenol
Concen: 123.614 ng
RT: 5.61 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Tgt Ion:112 Resp: 246153
Ion Ratio Lower Upper
112 100
64 72.1 57.2 85.8
63 39.2 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: 98.707 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037159.D

Acq: 4 Oct 2018 17:31

Instrument :

BNA_G

ClientSampleId :

HR-06-100218-B

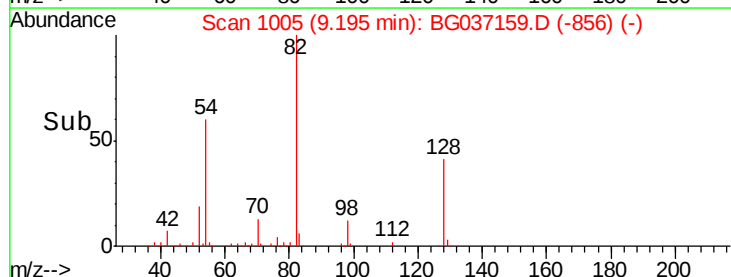
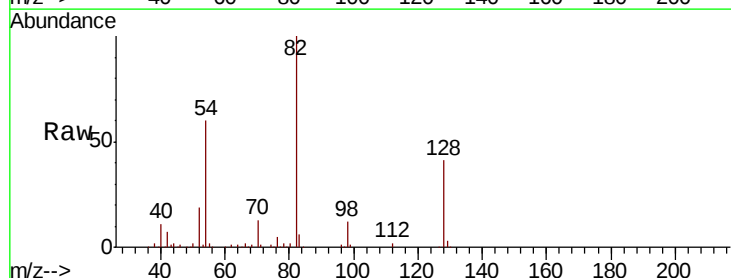
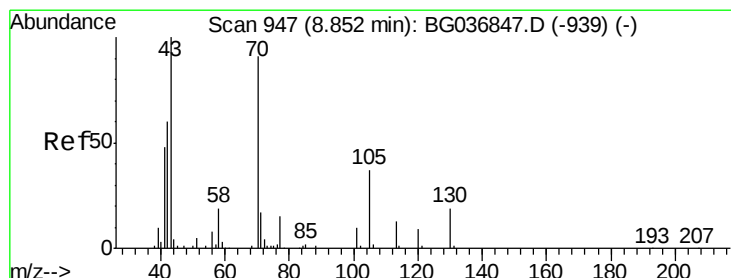
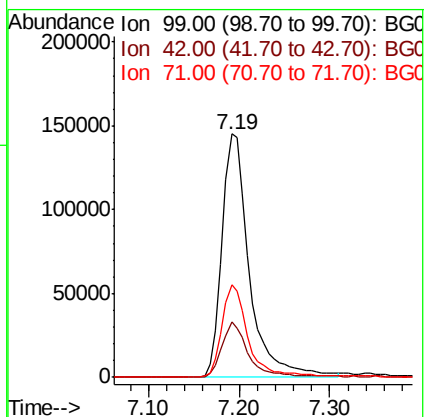
Tgt Ion: 99 Resp: 304105

Ion Ratio Lower Upper

99 100

42 22.7 16.5 24.7

71 37.9 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.028 ng

RT: 9.20 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037159.D

Acq: 4 Oct 2018 17:31

Tgt Ion: 70 Resp: 33391

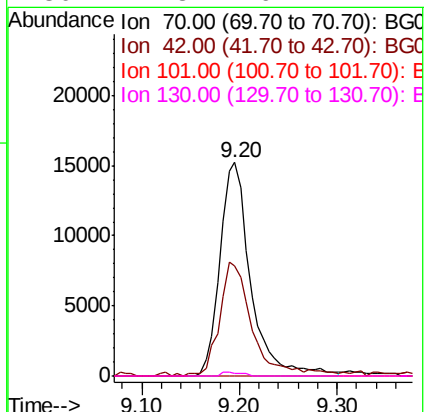
Ion Ratio Lower Upper

70 100

42 51.6 56.2 84.4#

101 0.0 7.8 11.6#

130 1.3 16.2 24.2#

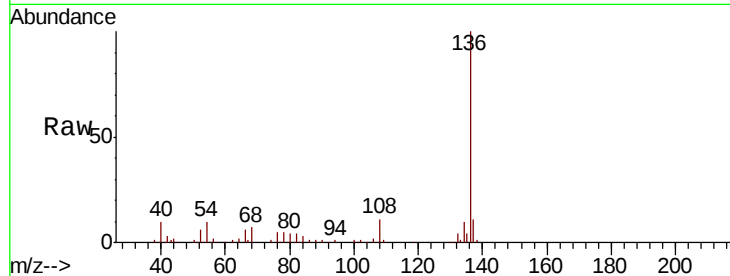




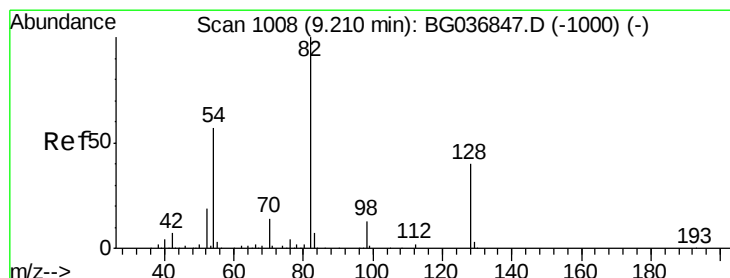
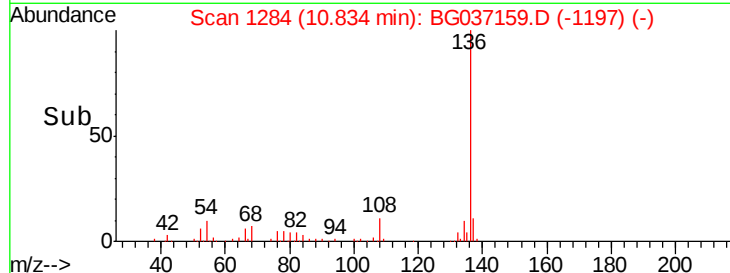
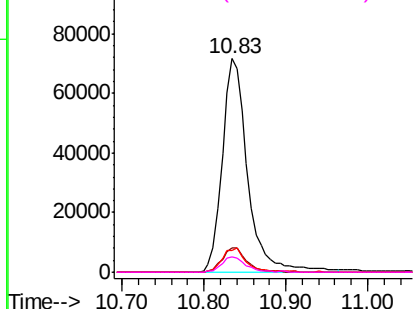
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-B

Tgt Ion:	136	Resp:	154889
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.5	9.2	13.8
68	7.3	5.8	8.6

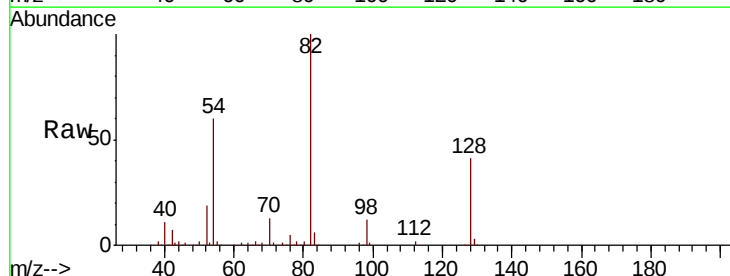


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

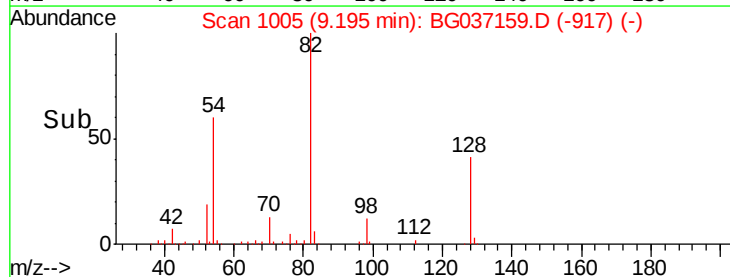
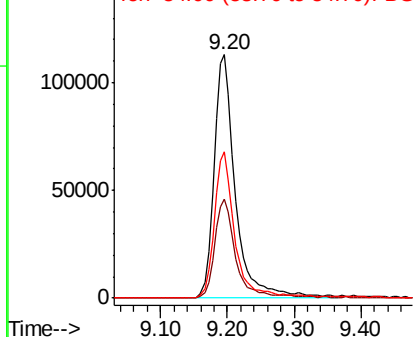


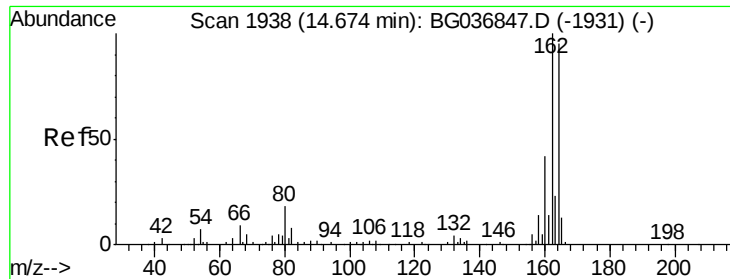
#23
Nitrobenzene-d5
Concen: 87.987 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Tgt Ion:	82	Resp:	254489
Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.3	49.9
54	60.0	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: BG037159.D

Acq: 4 Oct 2018 17:31

Instrument :

BNA_G

ClientSampleId :

HR-06-100218-B

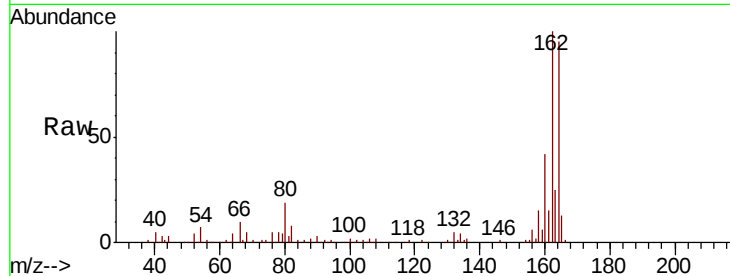
Tgt Ion:164 Resp: 103349

Ion Ratio Lower Upper

164 100

162 105.4 80.7 121.1

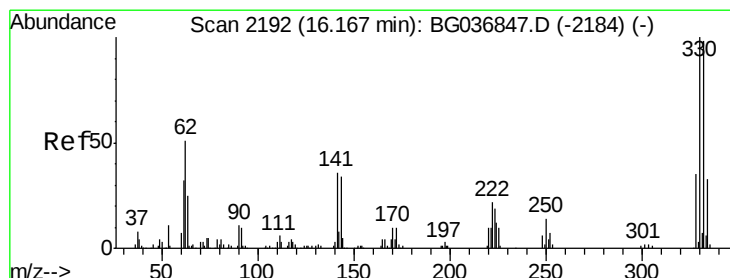
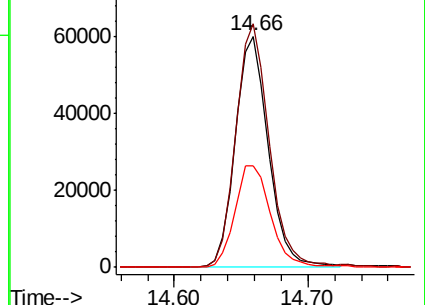
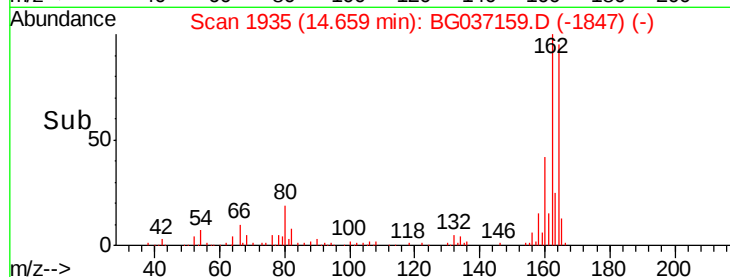
160 43.9 35.3 52.9



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: 137.070 ng

RT: 16.15 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037159.D

Acq: 4 Oct 2018 17:31

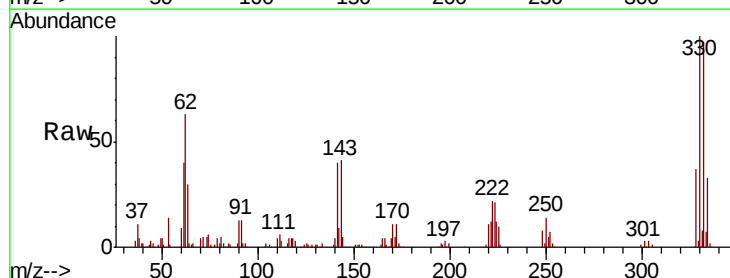
Tgt Ion:330 Resp: 169488

Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.2

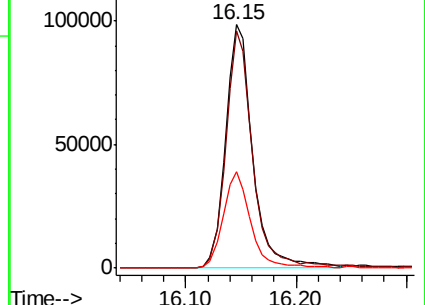
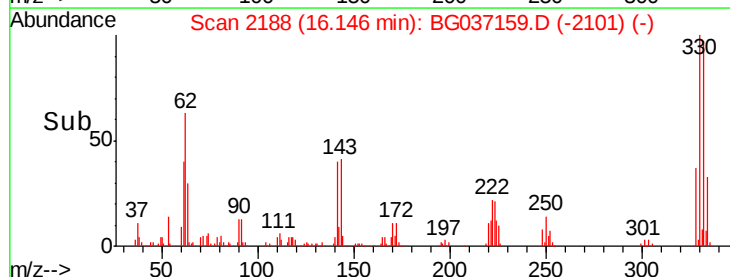
141 39.8 30.7 46.1

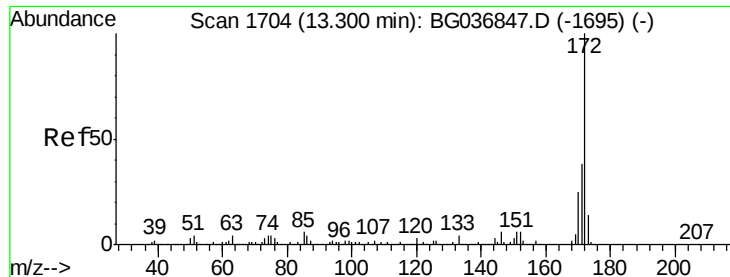


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

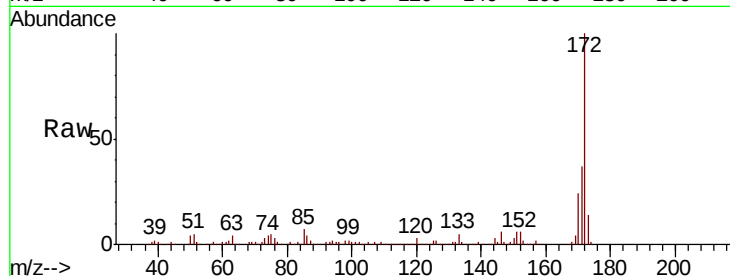




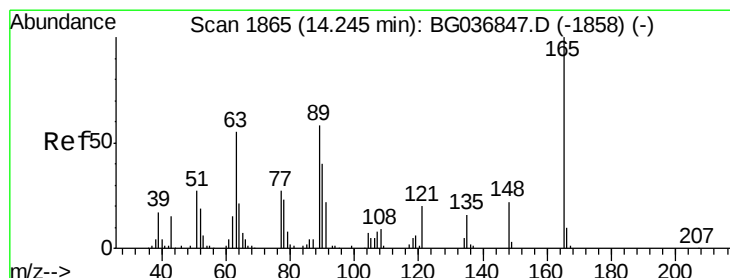
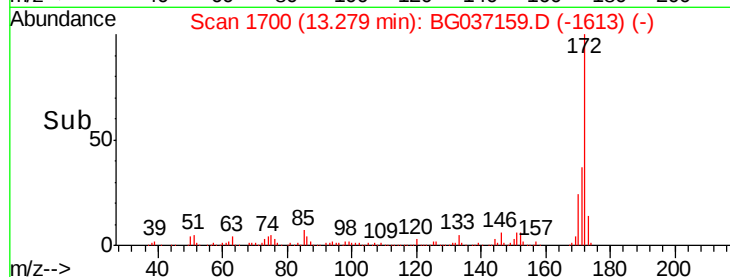
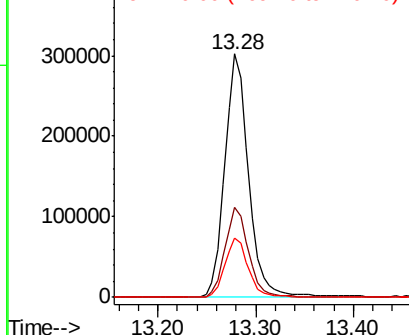
#44
 2-Fluorobiphenyl
 Concen: 73.879 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037159.D
 Acq: 4 Oct 2018 17:31

Instrument :
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 ClientSampleId :
 HR-06-100218-B

Tgt Ion:172 Resp: 512651
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.3 46.9
 170 24.3 21.0 31.6

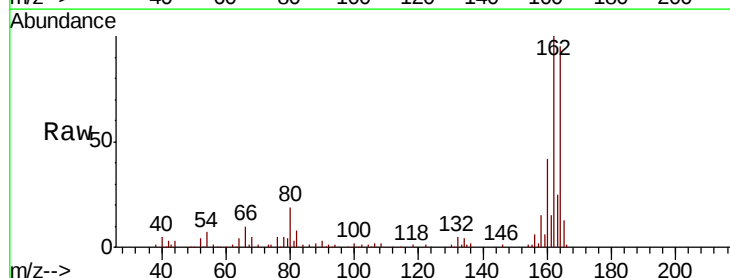


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

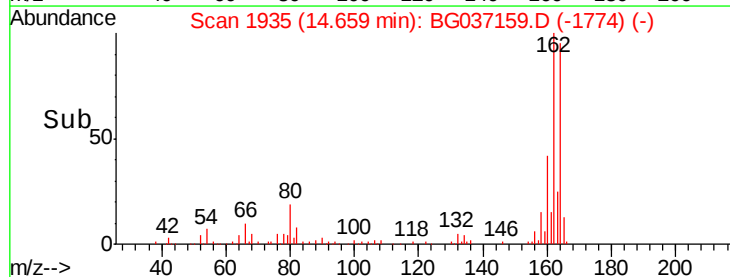
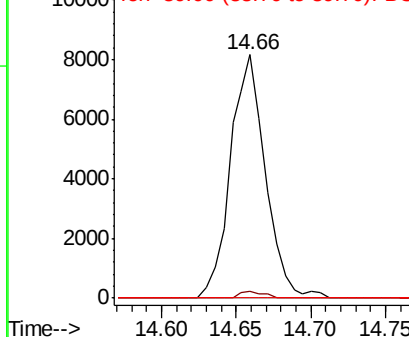


#50
 2,6-Dinitrotoluene
 Concen: 7.311 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.41 min
 Lab File: BG037159.D
 Acq: 4 Oct 2018 17:31

Tgt Ion:165 Resp: 13270
 Ion Ratio Lower Upper
 165 100
 63 2.6 50.1 75.1#
 89 0.0 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

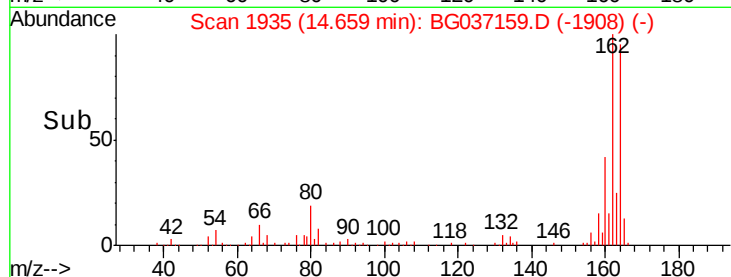
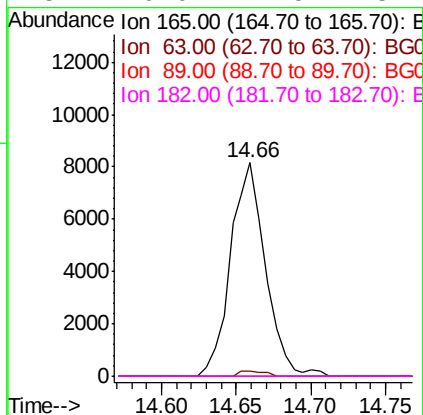
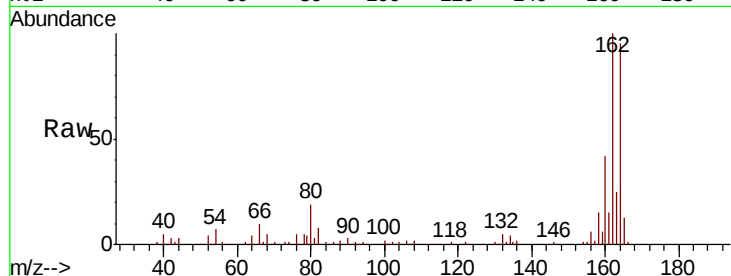




#56
 2,4-Dinitrotoluene
 Concen: 5.240 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.37 min
 Lab File: BG037159.D
 Acq: 4 Oct 2018 17:31

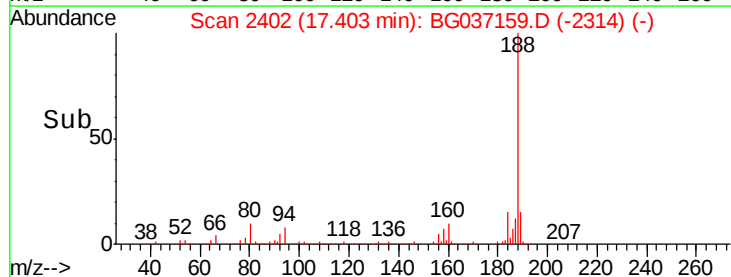
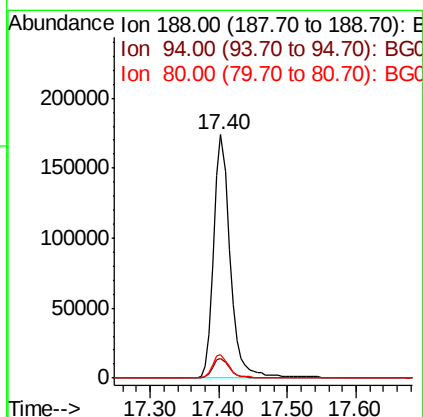
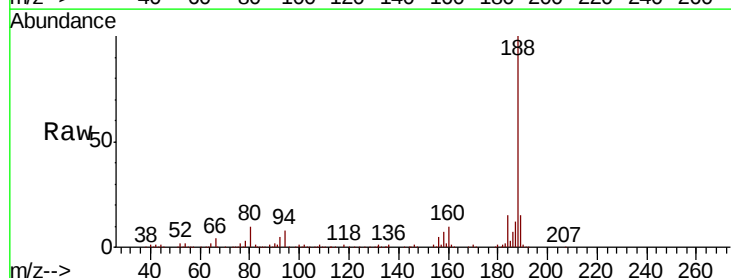
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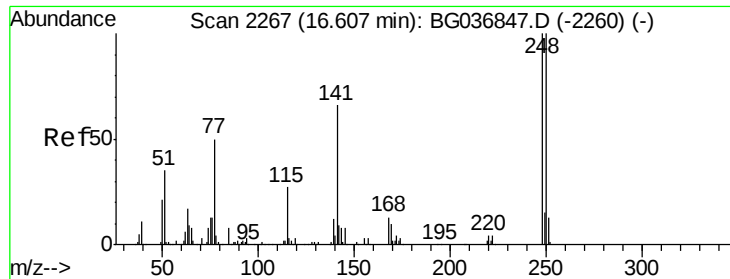
Tgt Ion:	165	Resp:	13270
Ion	Ratio	Lower	Upper
165	100		
63	2.6	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037159.D
 Acq: 4 Oct 2018 17:31

Tgt Ion:	188	Resp:	291487
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.6	8.1	12.1

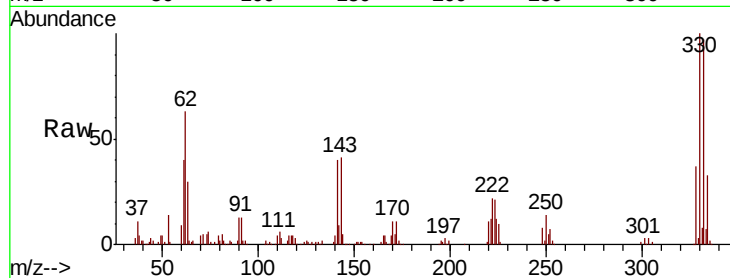




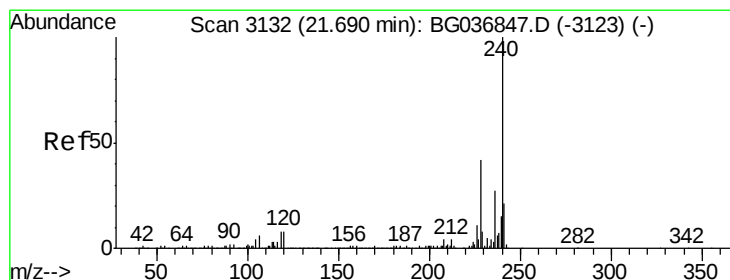
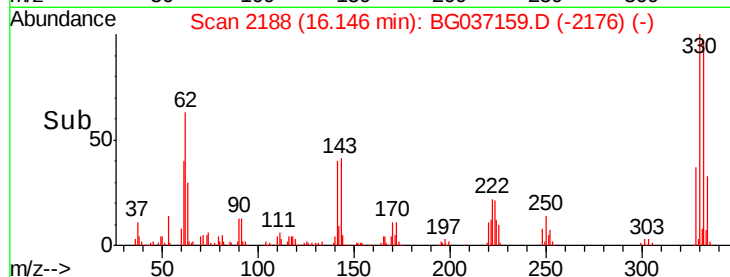
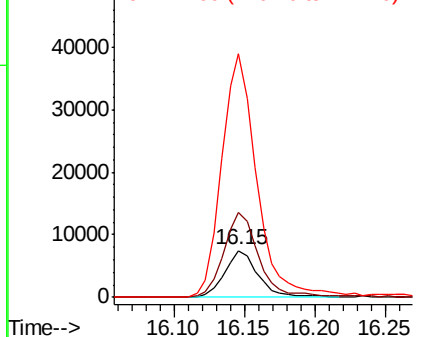
#66
 4-Bromophenyl-phenylether
 Concen: 3.636 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.46 min
 Lab File: BG037159.D
 Acq: 4 Oct 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-B

Tgt Ion:248 Resp: 12054
 Ion Ratio Lower Upper
 248 100
 250 183.9 78.1 117.1#
 141 523.4 53.7 80.5#

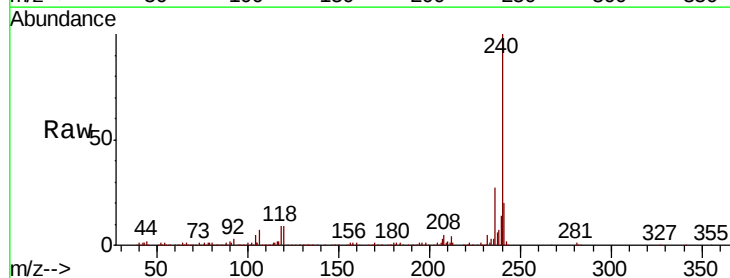


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

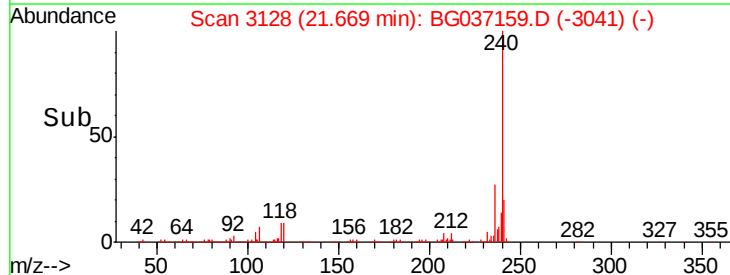
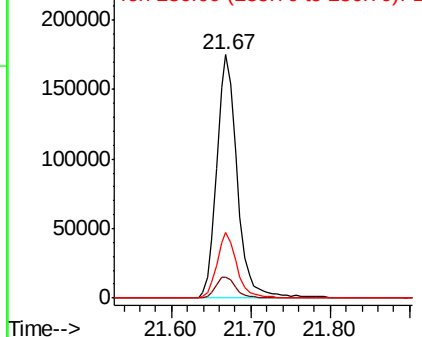


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG037159.D
 Acq: 4 Oct 2018 17:31

Tgt Ion:240 Resp: 313198
 Ion Ratio Lower Upper
 240 100
 120 8.6 6.9 10.3
 236 27.1 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: 2.074 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.36 min

Lab File: BG037159.D

Acq: 4 Oct 2018 17:31

Instrument :

BNA_G

ClientSampleId :

HR-06-100218-B

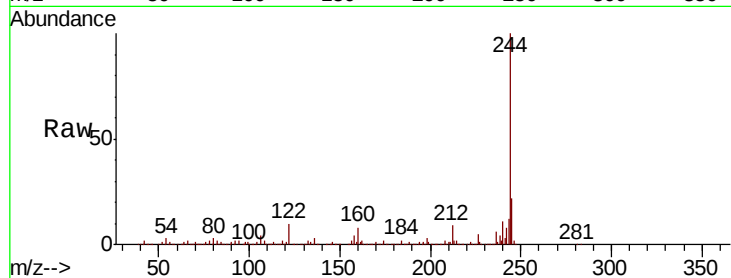
Tgt Ion:184 Resp: 19632

Ion Ratio Lower Upper

184 100

185 17.2 12.6 18.8

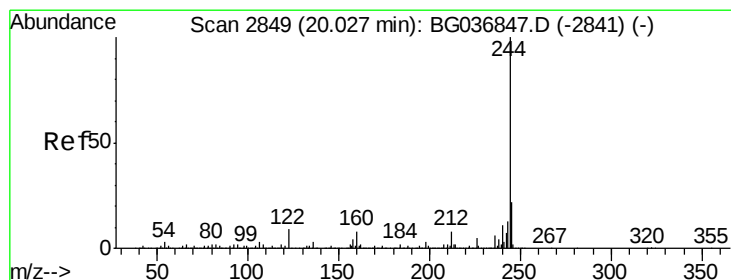
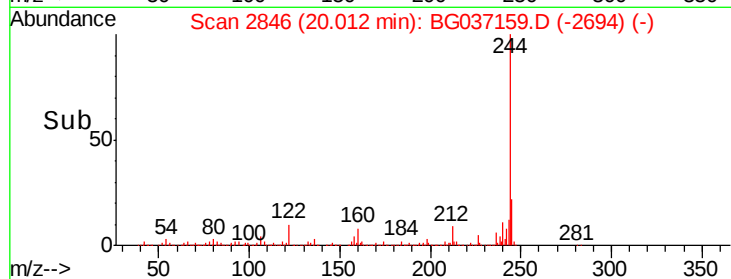
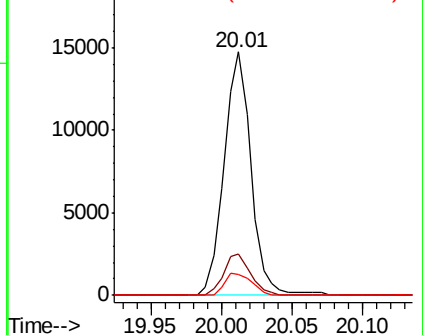
183 8.4 10.9 16.3#



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: 92.053 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037159.D

Acq: 4 Oct 2018 17:31

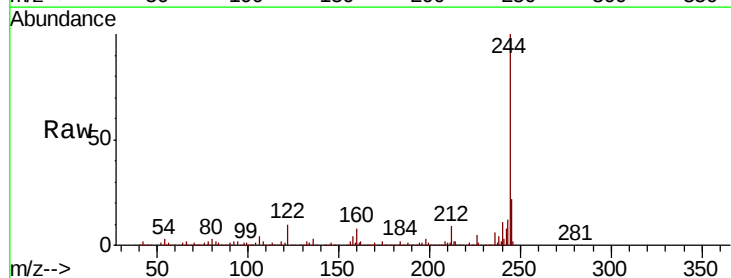
Tgt Ion:244 Resp: 1096438

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

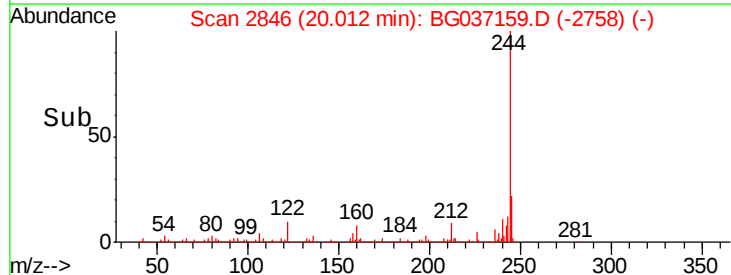
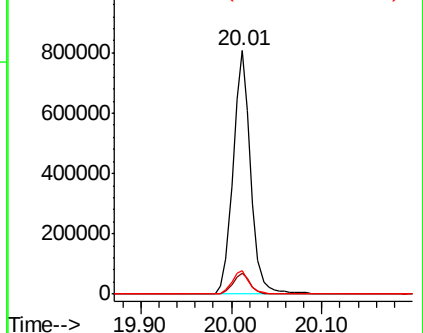
122 9.6 7.1 10.7

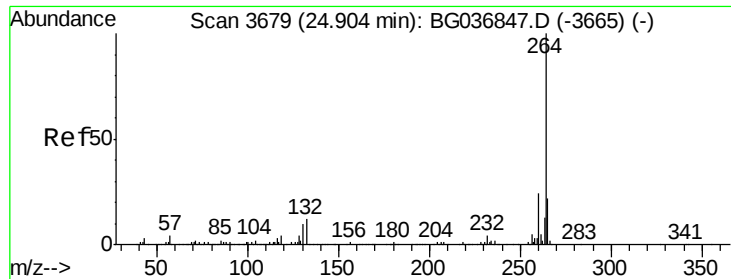


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.87 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG037159.D
Acq: 4 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-B

Tgt Ion: 264 Resp: 312454
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 20.5 17.4 26.0

