

Data File : BG036603.D
Acq On : 7 Sep 2018 18:58
Operator : JU/SJ
Sample : J4798-16RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
090418-DBRI-E-U-S

Quant Time: Sep 08 00:45:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

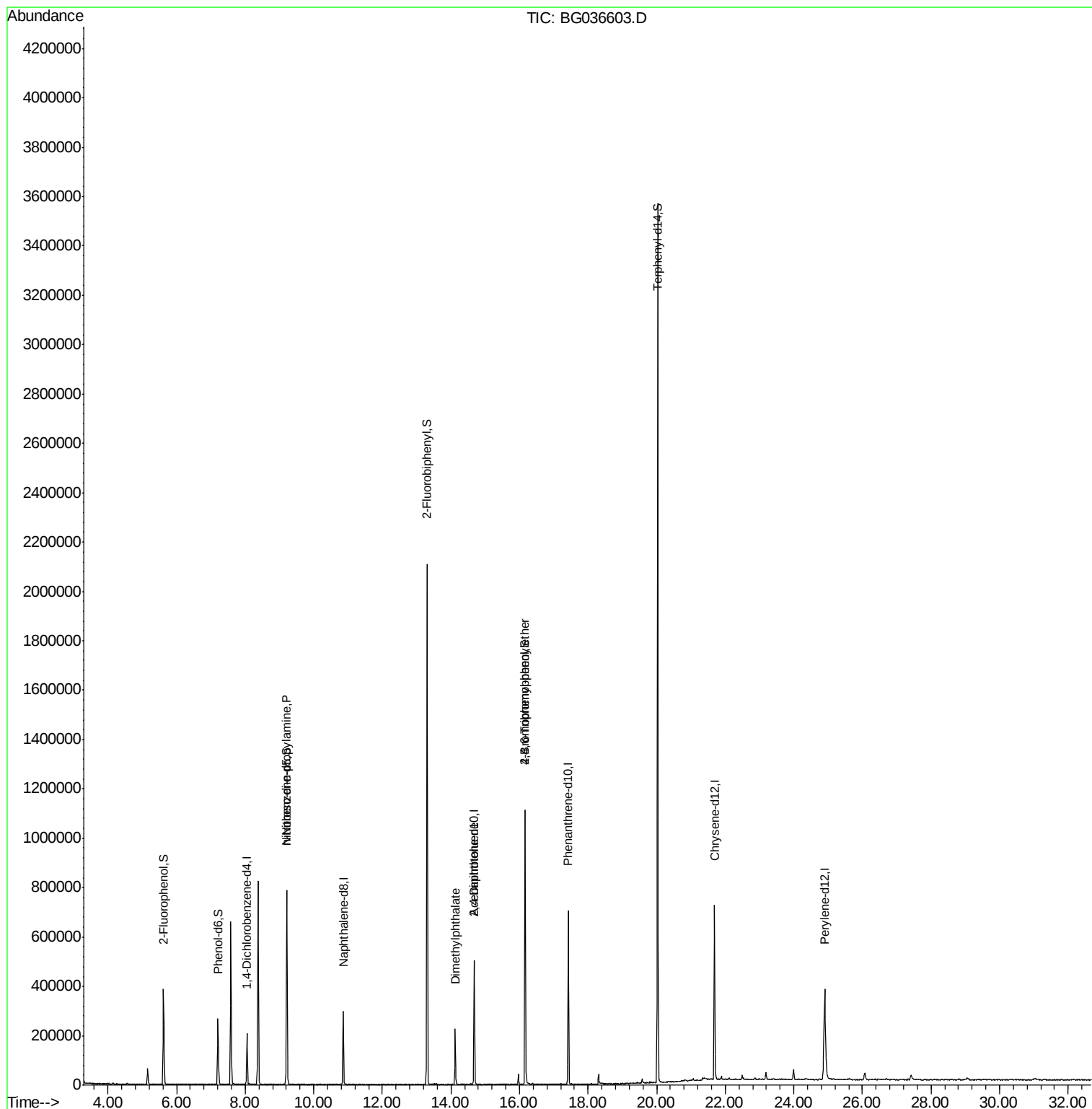
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59111	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	259487	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	179181	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	451584	20.00	ng	0.00
75) Chrysene-d12	21.68	240	455474	20.00	ng	-0.01
86) Perylene-d12	24.90	264	451642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	163896	43.98	ng	0.00
7) Phenol-d6	7.21	99	152607	28.60	ng	-0.01
23) Nitrobenzene-d5	9.22	82	469480	98.16	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	213225	99.73	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1101677	87.79	ng	0.00
78) Terphenyl-d14	20.03	244	1659261	85.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	63020	15.805	ng	# 69
49) Dimethylphthalate	14.13	163	155917	10.656	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	23570	6.007	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	15289	2.892	ng	# 1

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

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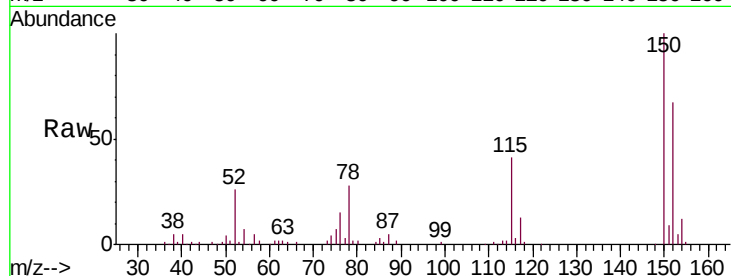




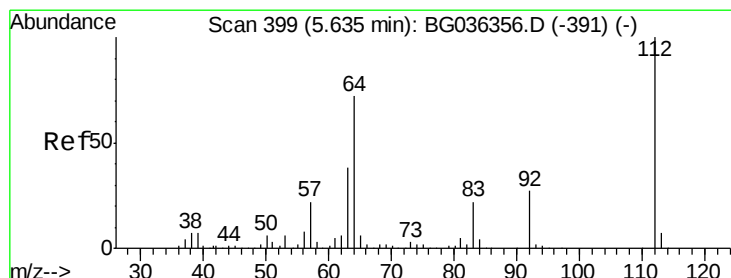
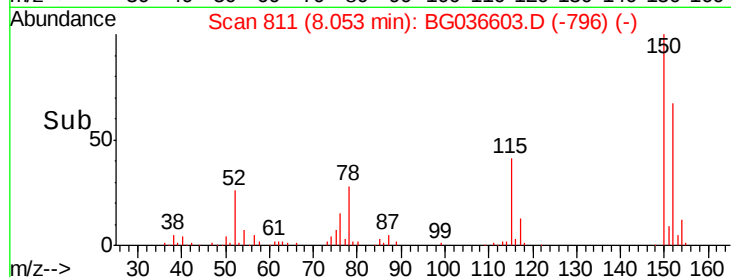
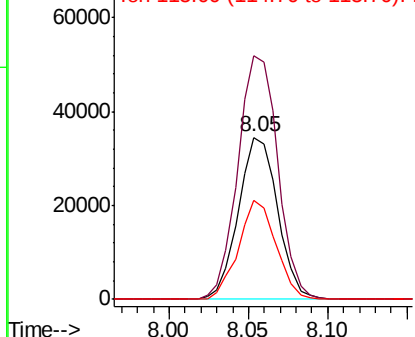
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036603.D
 Acq: 7 Sep 2018 18:58

Instrument :
 BNA_G
 ClientSampleId :
 090418-DBRI-E-U-S

Tgt Ion:152 Resp: 59111
 Ion Ratio Lower Upper
 152 100
 150 150.3 119.5 179.3
 115 61.4 44.5 66.7

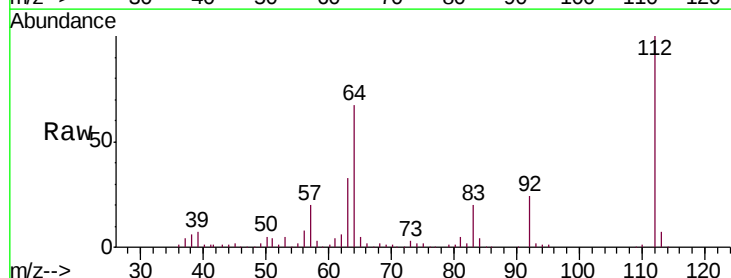


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

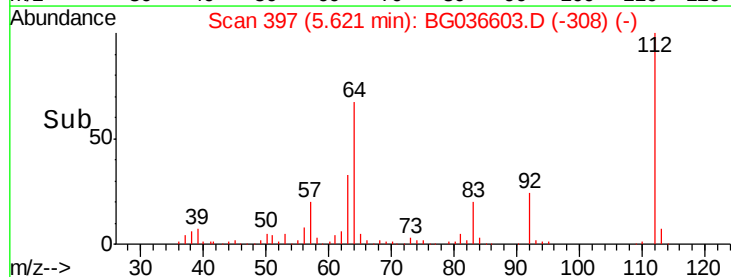
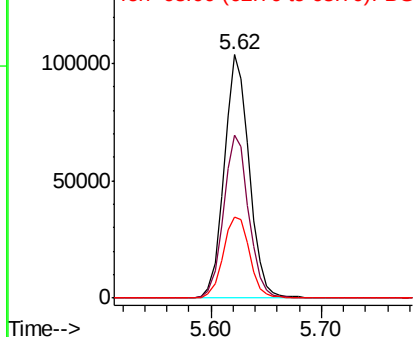


#5
 2-Fluorophenol
 Concen: 43.983 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036603.D
 Acq: 7 Sep 2018 18:58

Tgt Ion:112 Resp: 163896
 Ion Ratio Lower Upper
 112 100
 64 66.9 57.2 85.8
 63 33.3 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: 28.604 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036603.D

Acq: 7 Sep 2018 18:58

Instrument :

BNA_G

ClientSampleId :

090418-DBRI-E-U-S

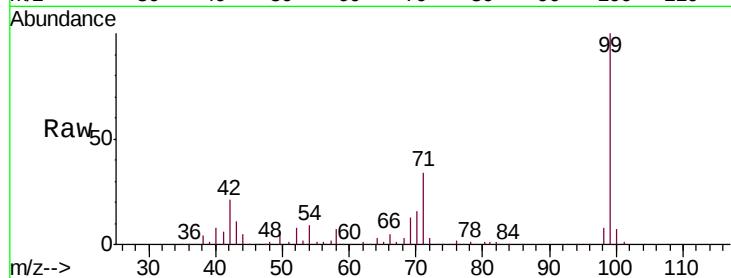
Tgt Ion: 99 Resp: 152607

Ion Ratio Lower Upper

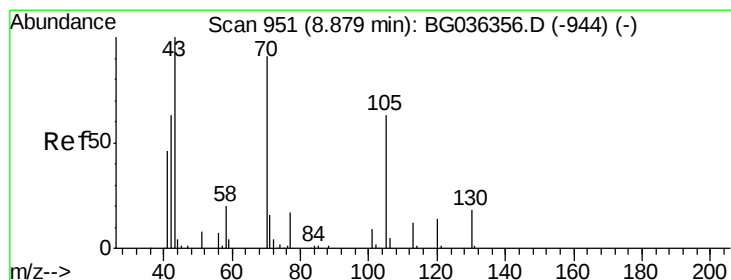
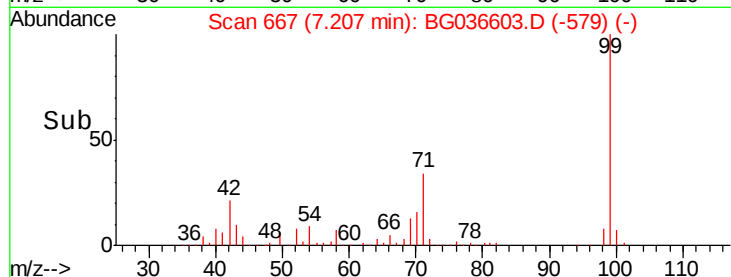
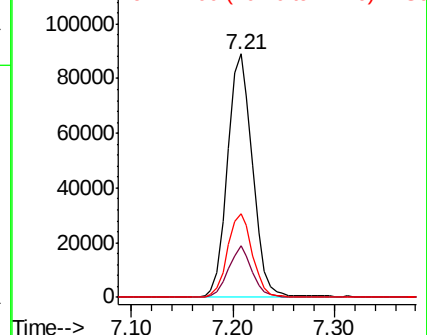
99 100

42 21.3 16.5 24.7

71 34.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.805 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036603.D

Acq: 7 Sep 2018 18:58

Tgt Ion: 70 Resp: 63020

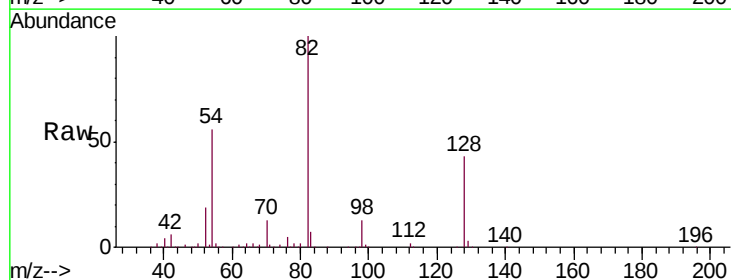
Ion Ratio Lower Upper

70 100

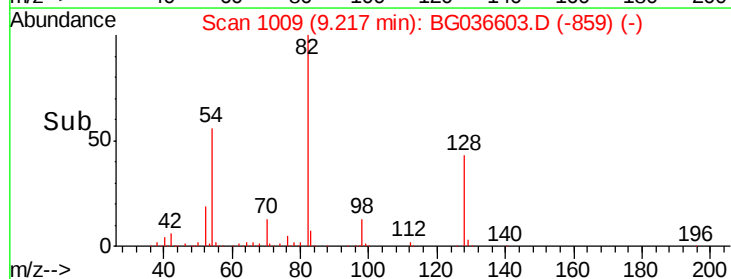
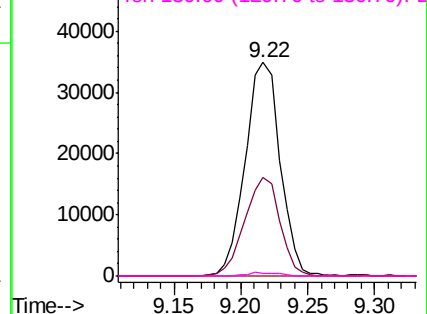
42 46.1 56.2 84.4#

101 0.0 7.8 11.6#

130 1.4 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

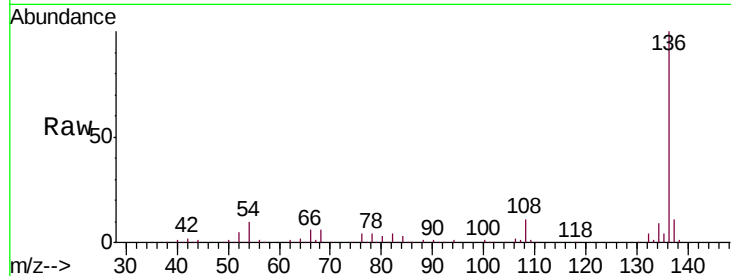




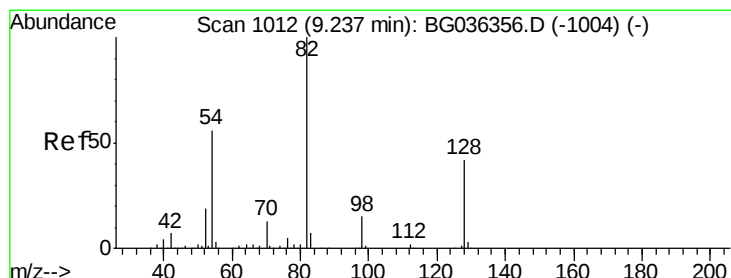
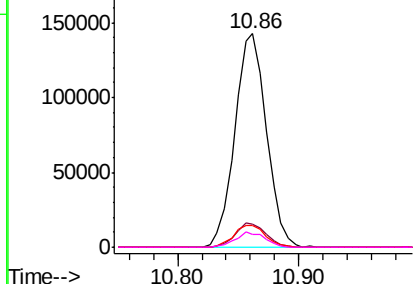
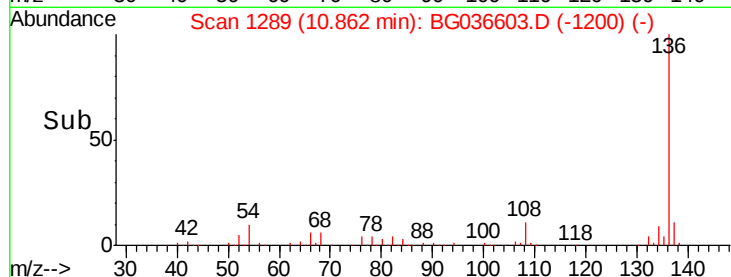
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036603.D
Acq: 7 Sep 2018 18:58

Instrument :
BNA_G
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090418-DBRI-E-U-S

Tgt Ion:	136	Resp:	259487
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.3	9.2	13.8
68	6.3	5.8	8.6

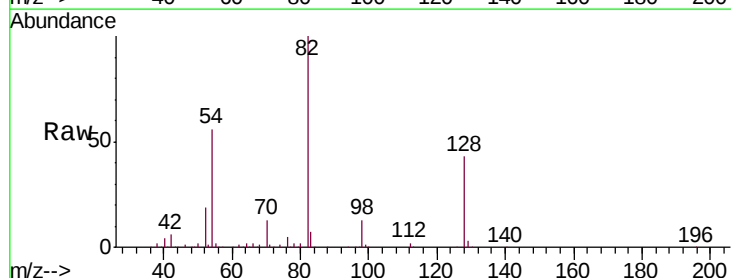


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

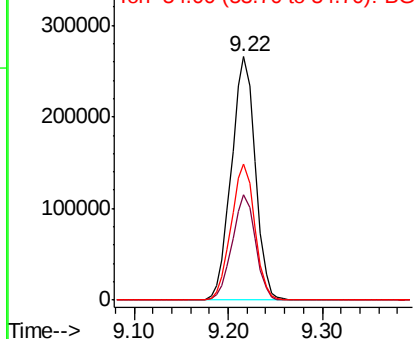
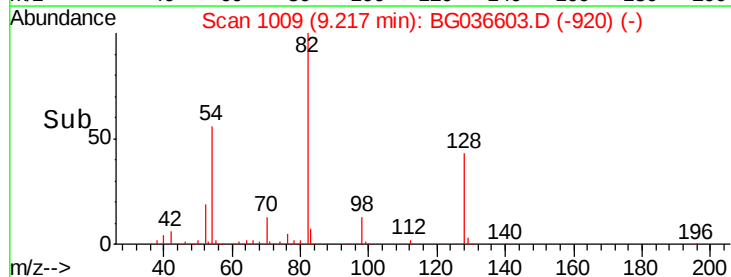


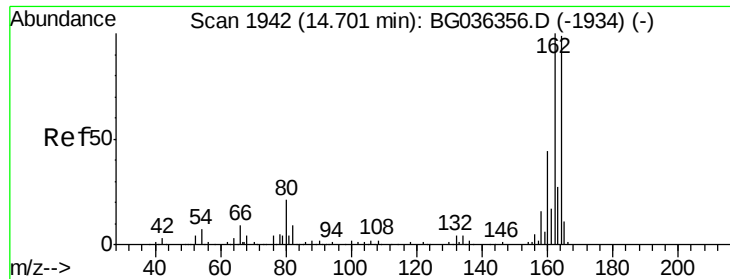
#23
Nitrobenzene-d5
Concen: 98.165 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036603.D
Acq: 7 Sep 2018 18:58

Tgt Ion:	82	Resp:	469480
Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.3	49.9
54	55.9	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: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036603.D

Acq: 7 Sep 2018 18:58

Instrument :

BNA_G

ClientSampleId :

090418-DBRI-E-U-S

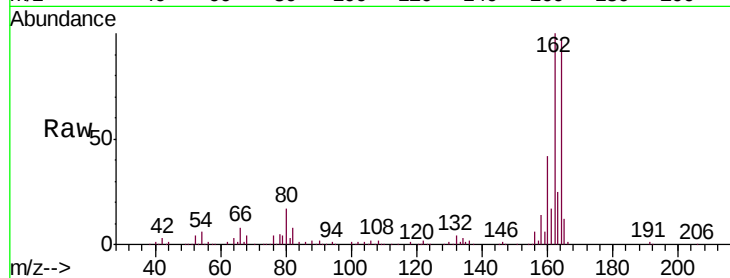
Tgt Ion:164 Resp: 179181

Ion Ratio Lower Upper

164 100

162 103.5 80.7 121.1

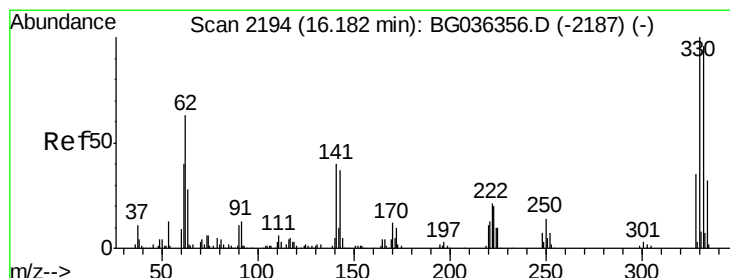
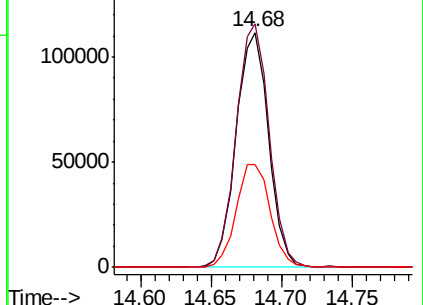
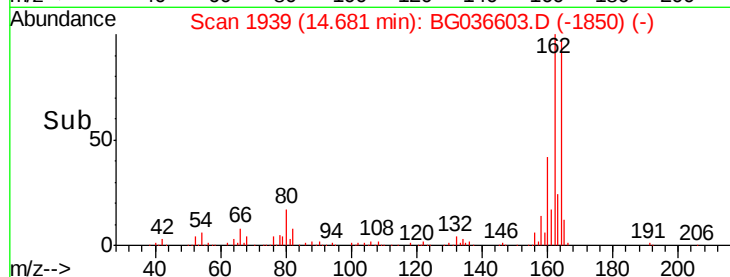
160 43.7 35.3 52.9



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: 99.730 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036603.D

Acq: 7 Sep 2018 18:58

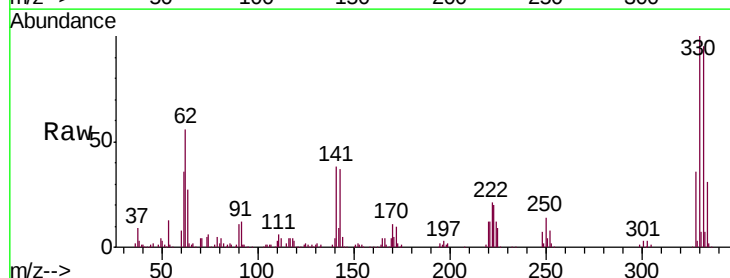
Tgt Ion:330 Resp: 213225

Ion Ratio Lower Upper

330 100

332 97.2 75.4 113.2

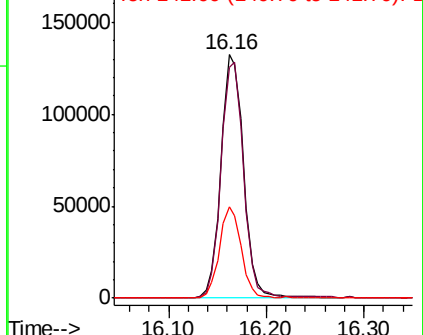
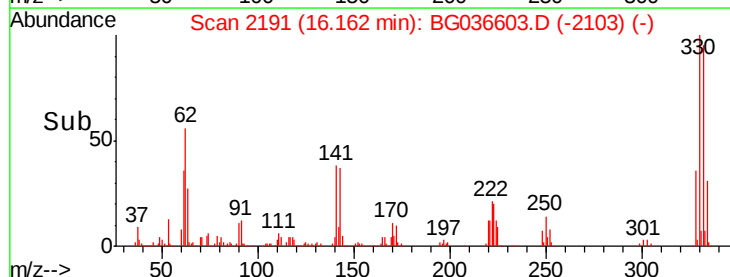
141 36.2 30.7 46.1



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

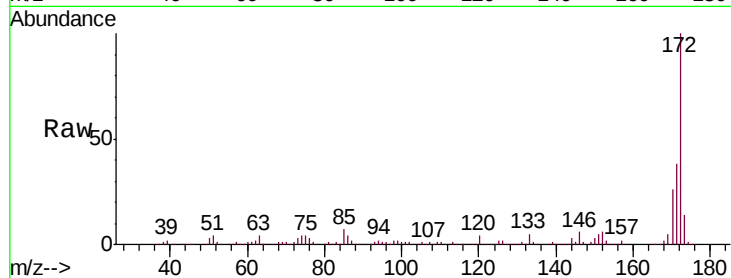




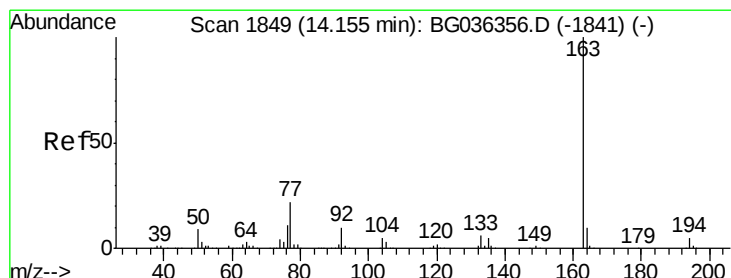
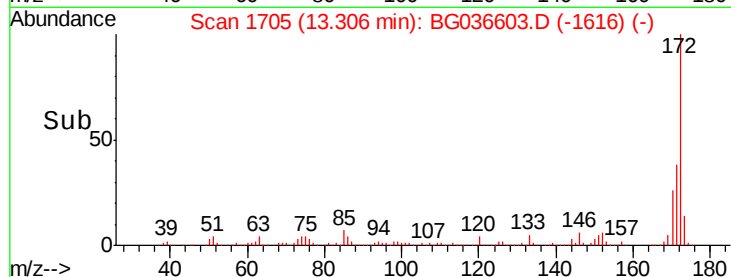
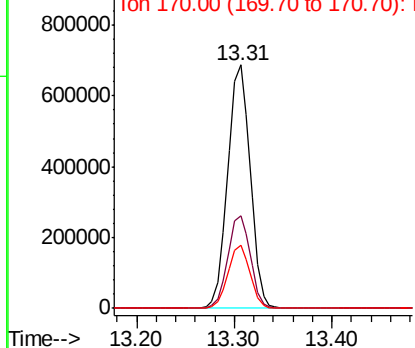
#44
2-Fluorobiphenyl
Concen: 87.788 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036603.D
Acq: 7 Sep 2018 18:58

Instrument :
BNA_G
ClientSampleId :
090418-DBRI-E-U-S

Tgt Ion:172 Resp: 1101677
Ion Ratio Lower Upper
172 100
171 38.1 31.3 46.9
170 26.0 21.0 31.6

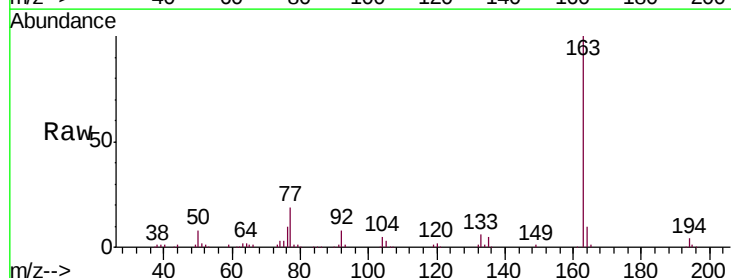


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

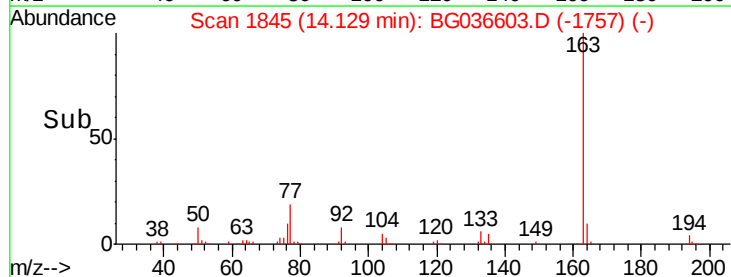
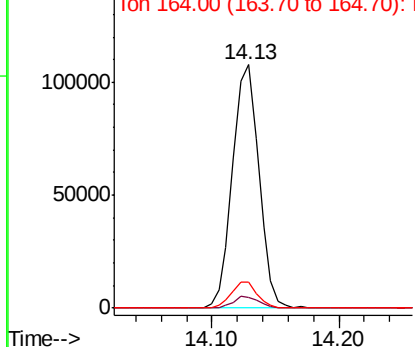


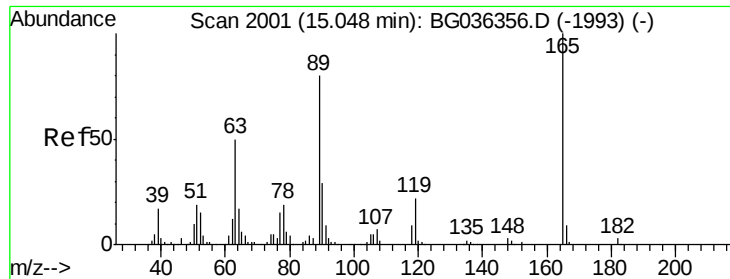
#49
Dimethylphthalate
Concen: 10.656 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036603.D
Acq: 7 Sep 2018 18:58

Tgt Ion:163 Resp: 155917
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 10.4 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

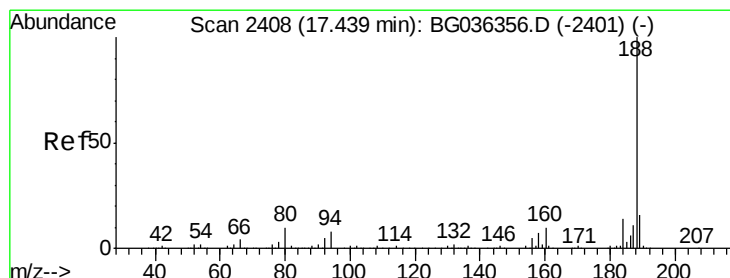
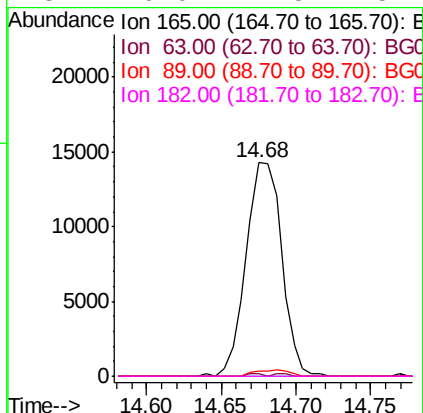
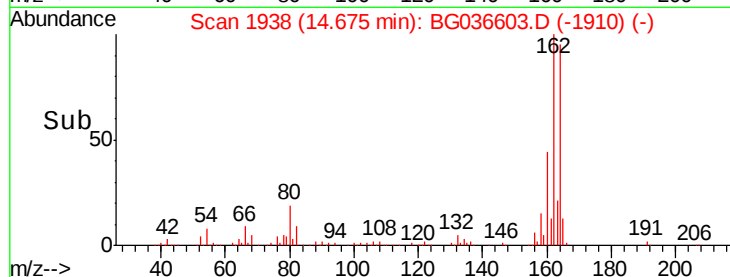
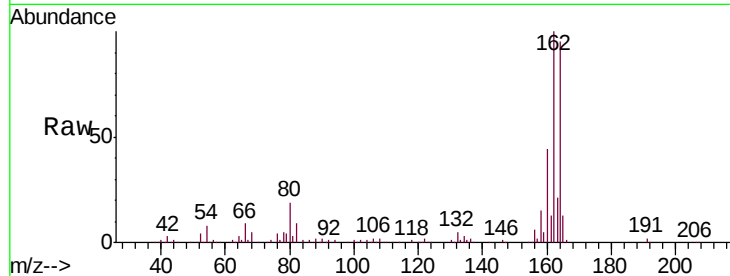




#56
 2,4-Dinitrotoluene
 Concen: 6.007 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036603.D
 Acq: 7 Sep 2018 18:58

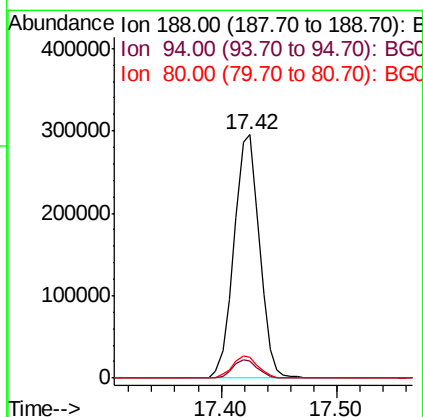
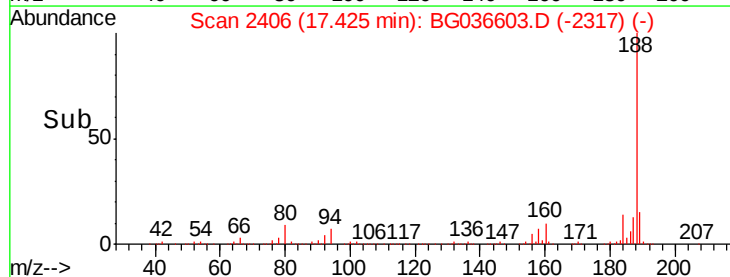
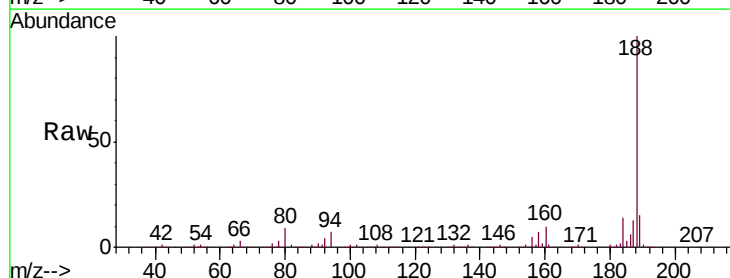
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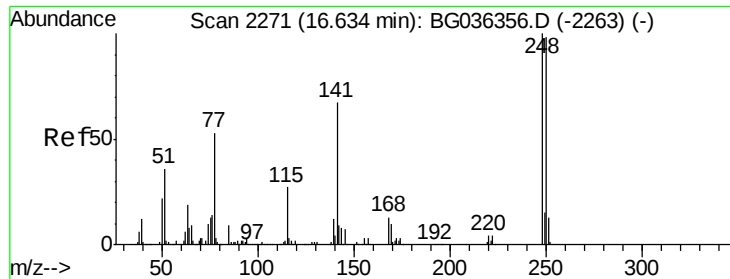
Tgt Ion:165 Resp: 23570
 Ion Ratio Lower Upper
 165 100
 63 1.1 40.1 60.1#
 89 2.5 63.7 95.5#
 182 0.0 2.5 3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036603.D
 Acq: 7 Sep 2018 18:58

Tgt Ion:188 Resp: 451584
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.7 10.1
 80 8.5 8.1 12.1

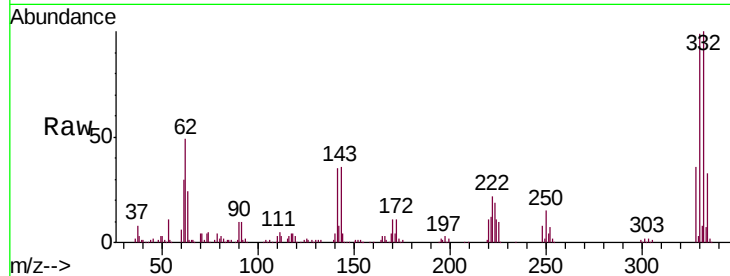




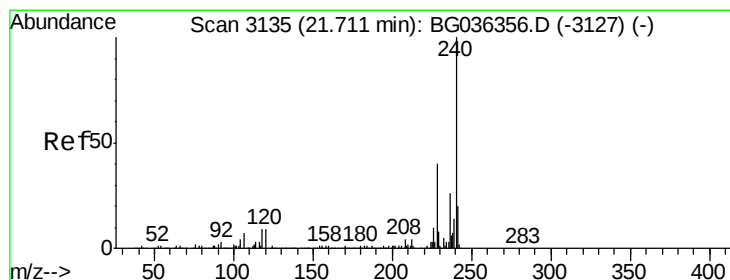
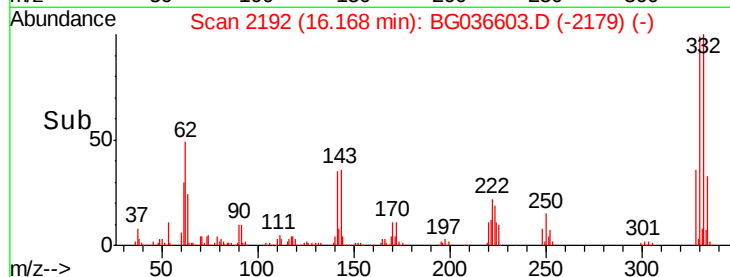
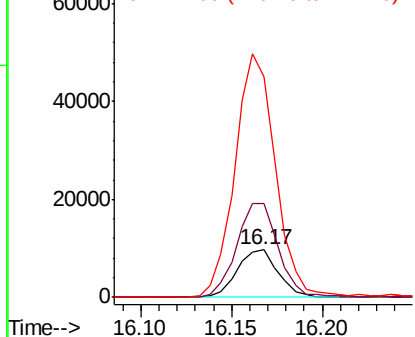
#66
4-Bromophenyl-phenylether
Concen: 2.892 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036603.D
Acq: 7 Sep 2018 18:58

Instrument :
BNA_G
ClientSampleId :
090418-DBRI-E-U-S

Tgt Ion:248 Resp: 15289
Ion Ratio Lower Upper
248 100
250 195.8 78.1 117.1#
141 462.2 53.7 80.5#

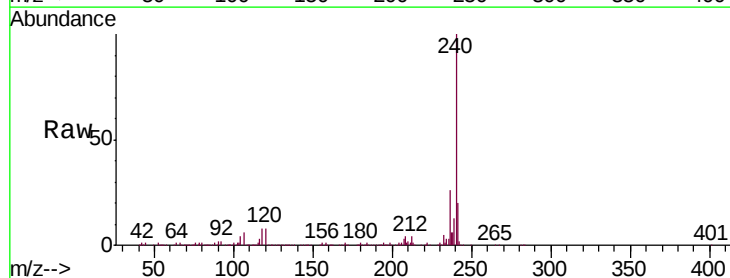


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

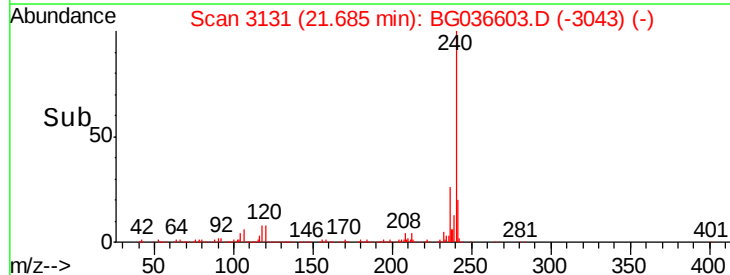
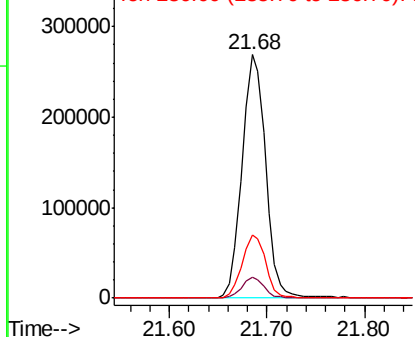


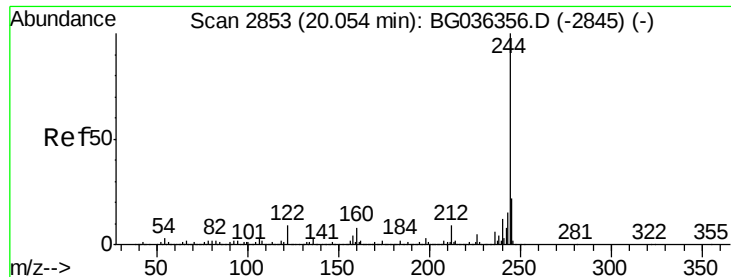
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036603.D
Acq: 7 Sep 2018 18:58

Tgt Ion:240 Resp: 455474
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 26.0 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





#78

Terphenyl-d14

Concen: 85.148 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036603.D

Acq: 7 Sep 2018 18:58

Instrument :

BNA_G

ClientSampleId :

090418-DBRI-E-U-S

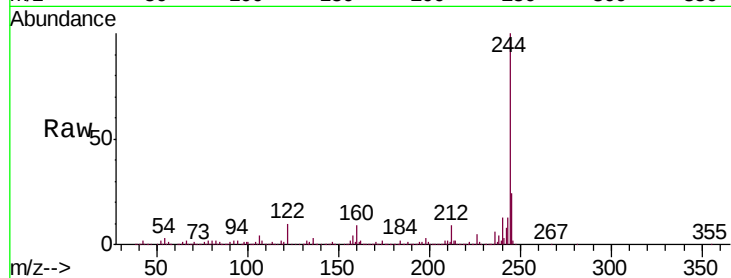
Tgt Ion:244 Resp: 1659261

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

122 9.8 7.1 10.7

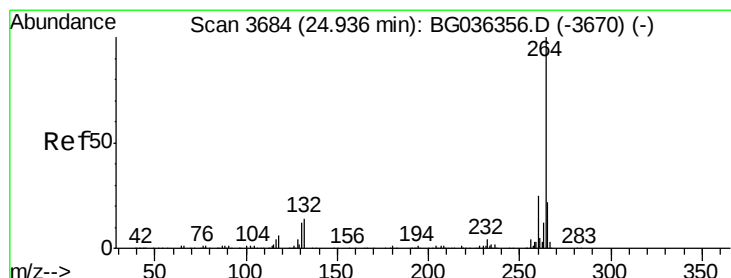
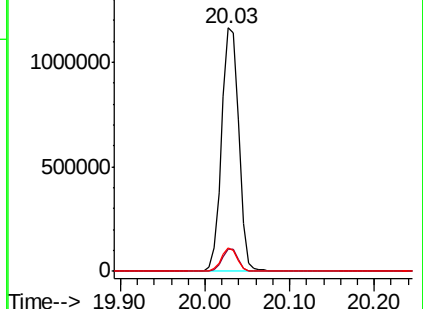
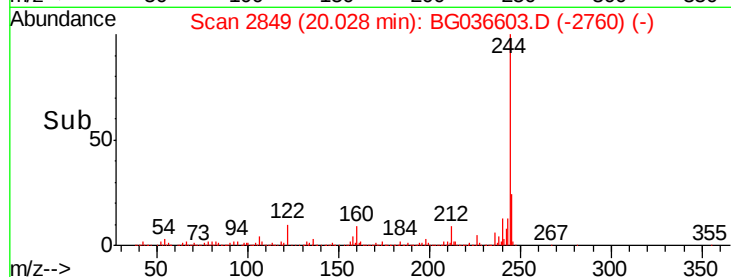


Abundance

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: 24.90 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG036603.D

Acq: 7 Sep 2018 18:58

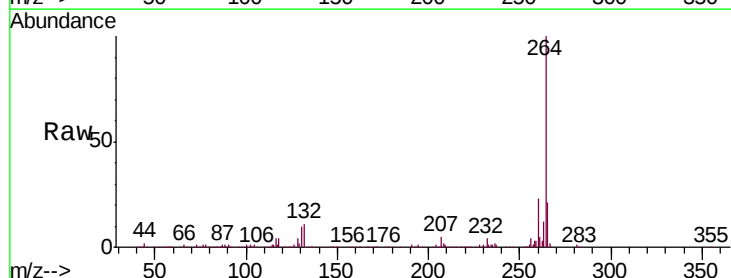
Tgt Ion:264 Resp: 451642

Ion Ratio Lower Upper

264 100

260 22.8 19.6 29.4

265 21.1 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

