

Data File : BG036602.D
Acq On : 7 Sep 2018 18:19
Operator : JU/SJ
Sample : J4798-15RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 08 00:45:39 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

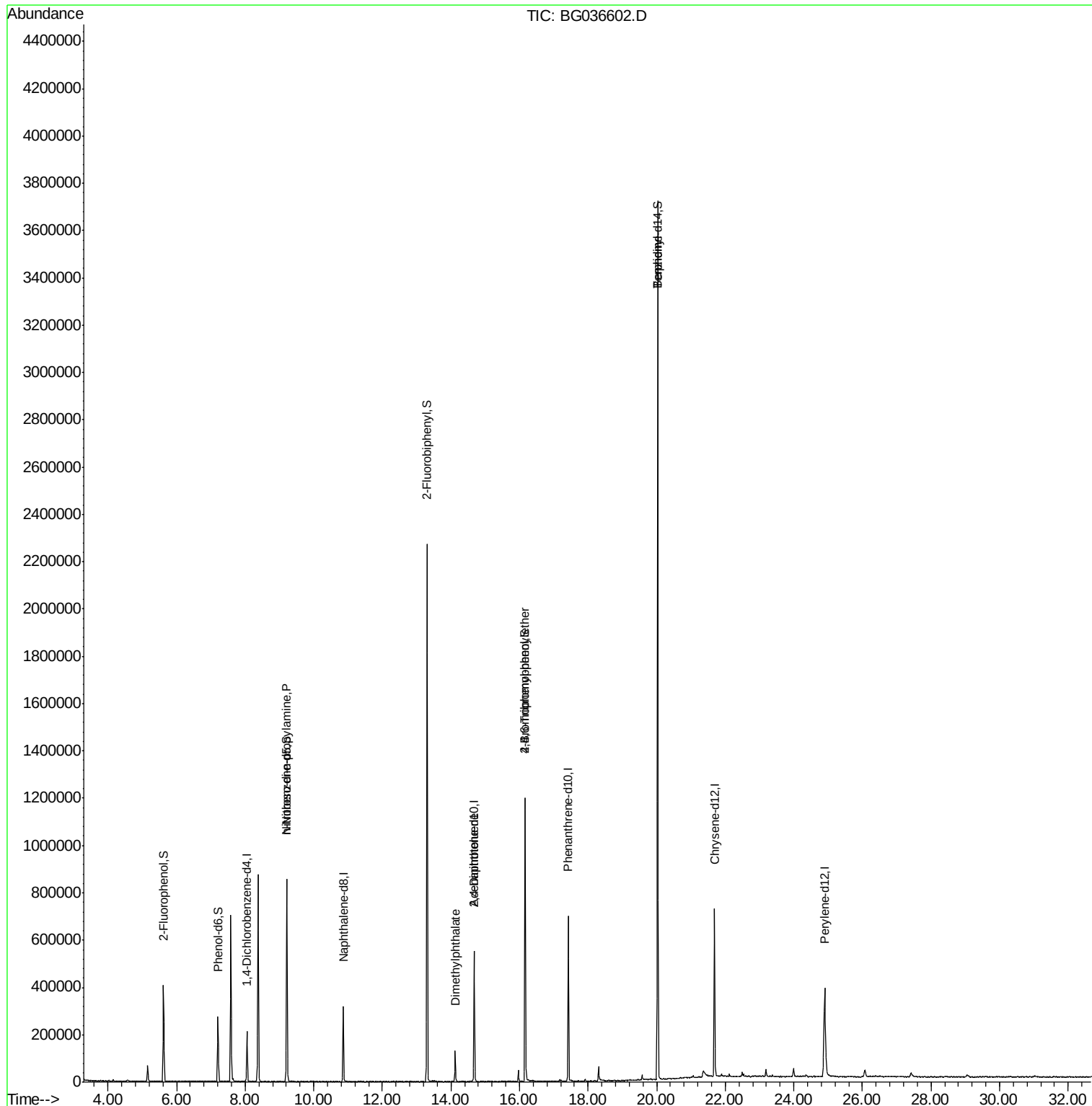
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62374	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	264956	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	184826	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	456469	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	453225	20.00	ng	-0.01
86) Perylene-d12	24.90	264	448603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	171004	43.49	ng	0.00
7) Phenol-d6	7.21	99	159826	28.39	ng	-0.01
23) Nitrobenzene-d5	9.22	82	506568	103.73	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	232933	105.62	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1164742	89.98	ng	0.00
78) Terphenyl-d14	20.03	244	1751013	90.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	66556	15.819	ng	# 71
49) Dimethylphthalate	14.13	163	92744	6.145	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	24241	5.989	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	16574	3.101	ng	# 1
76) Benzidine	20.03	184	30703	2.123	ng	# 92

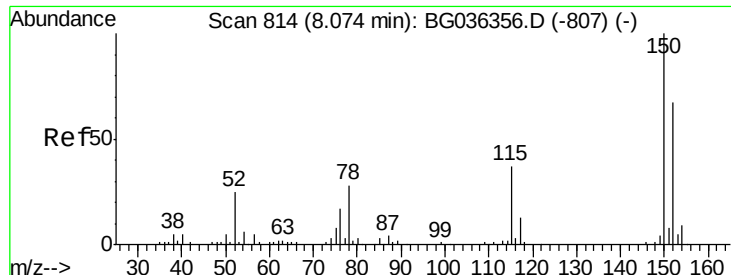
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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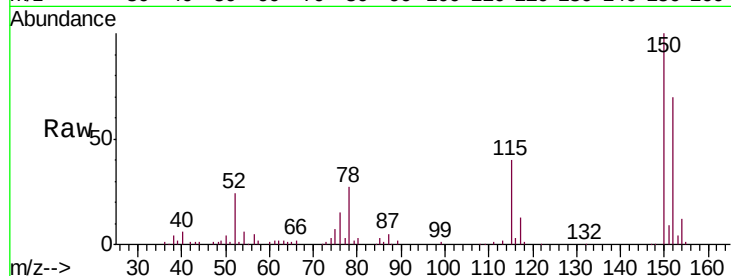




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036602.D
 Acq: 7 Sep 2018 18:19

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.4	119.5	179.3
115	56.7	44.5	66.7

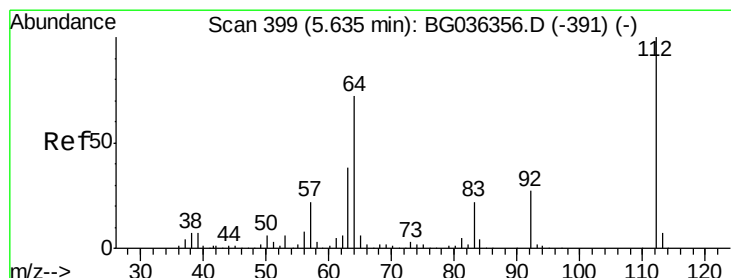
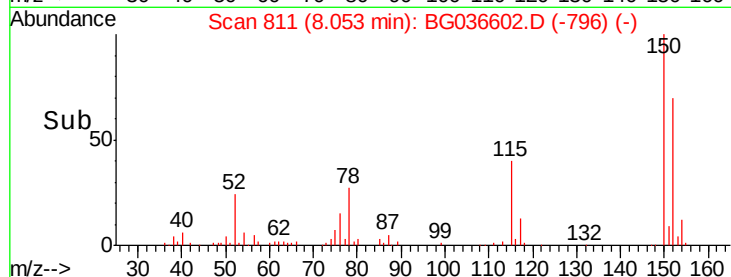
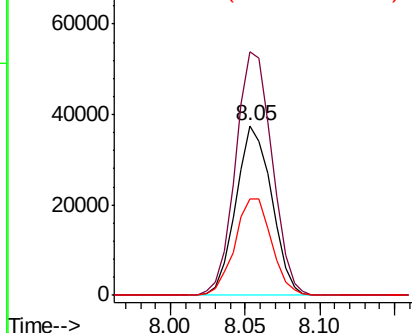


Abundance

Ion 152.00 (151.70 to 152.70): E

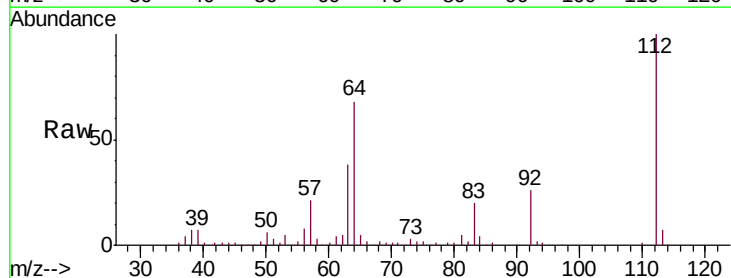
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 43.490 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036602.D
 Acq: 7 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.2	85.8
63	37.5	30.8	46.2

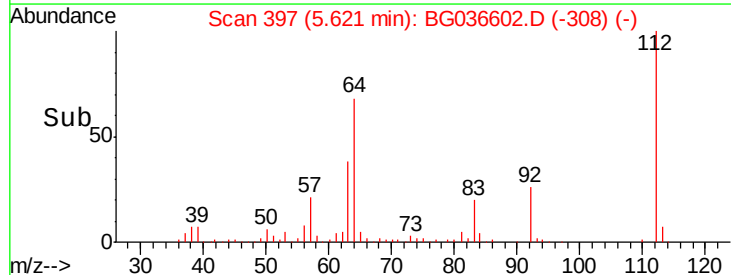
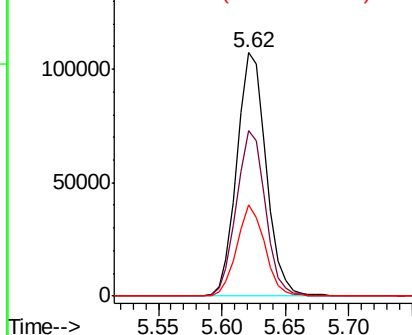


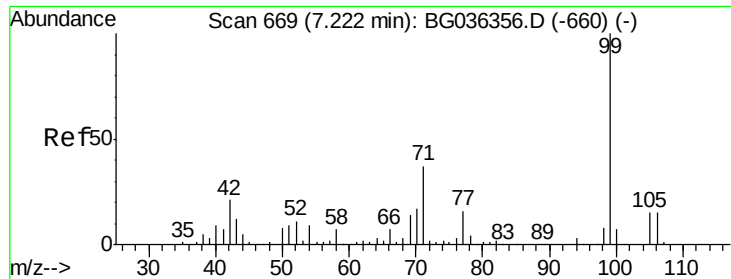
Abundance

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: 28.390 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036602.D

Acq: 7 Sep 2018 18:19

Instrument :

BNA_G

ClientSampleId :

090418-DBRI-E-U-M

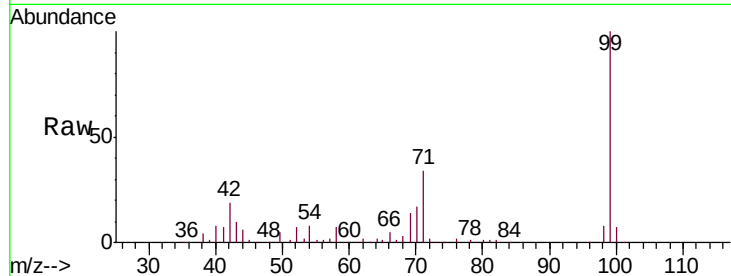
Tgt Ion: 99 Resp: 159826

Ion Ratio Lower Upper

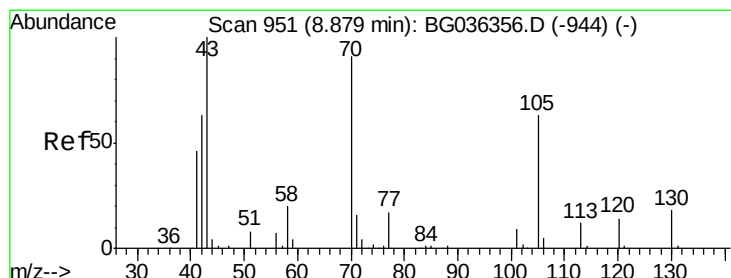
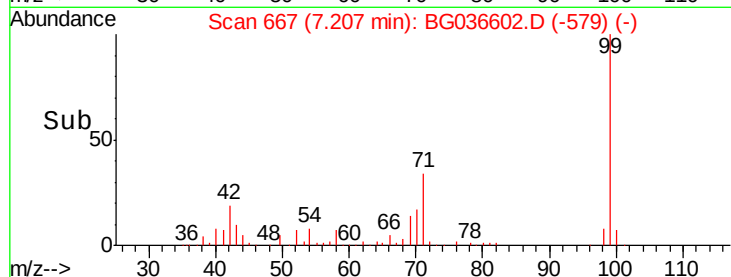
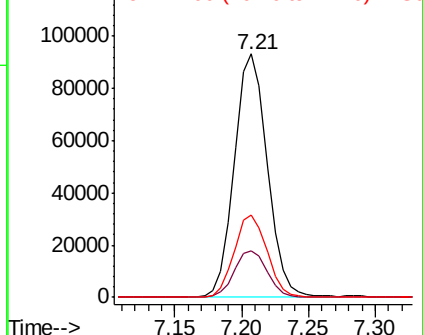
99 100

42 19.3 16.5 24.7

71 34.0 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: 15.819 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036602.D

Acq: 7 Sep 2018 18:19

Tgt Ion: 70 Resp: 66556

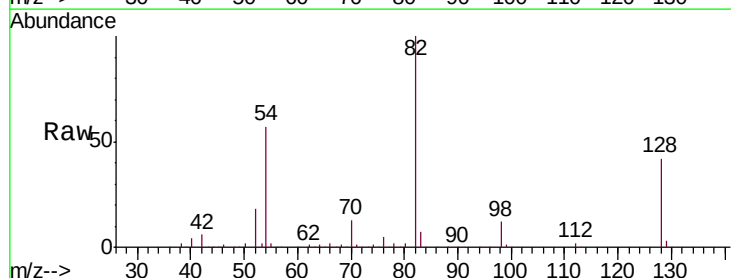
Ion Ratio Lower Upper

70 100

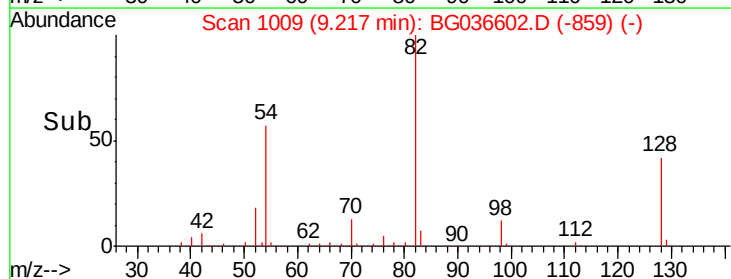
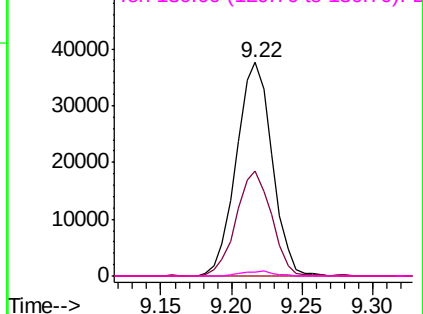
42 48.9 56.2 84.4#

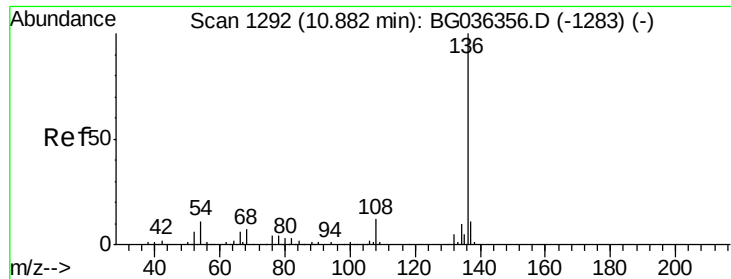
101 0.0 7.8 11.6#

130 1.6 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

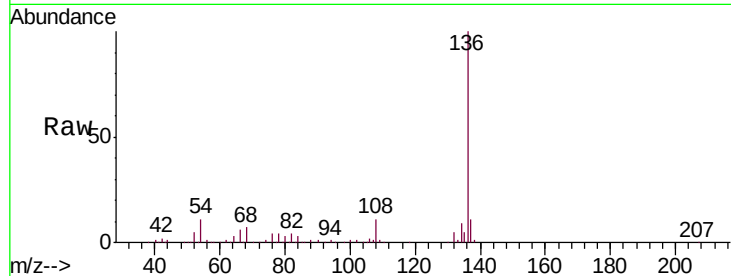




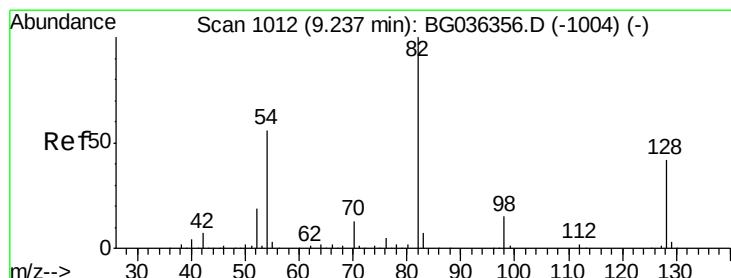
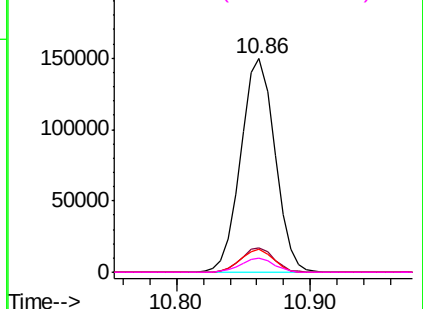
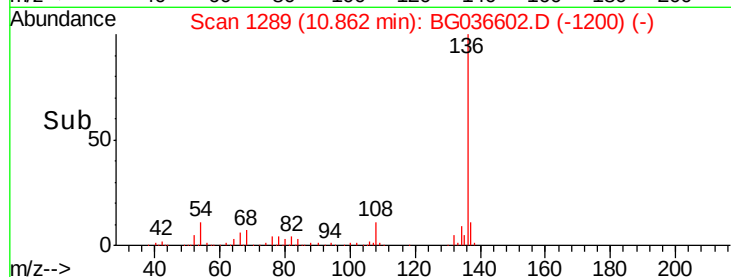
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036602.D
Acq: 7 Sep 2018 18:19

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

Tgt Ion:	136	Resp:	264956
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.0	9.2	13.8
68	6.6	5.8	8.6

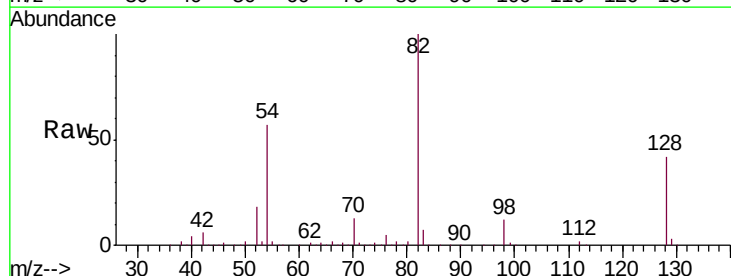


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

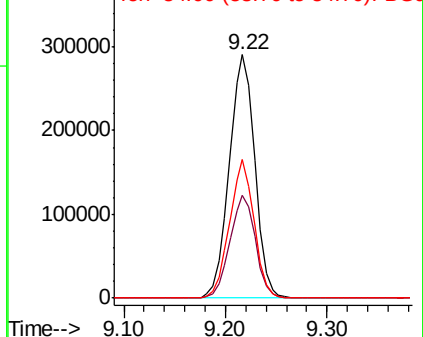
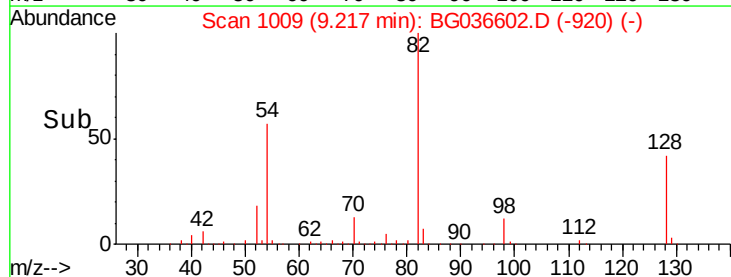


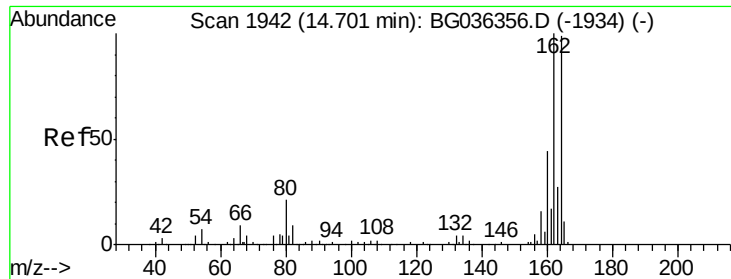
#23
Nitrobenzene-d5
Concen: 103.733 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036602.D
Acq: 7 Sep 2018 18:19

Tgt Ion:	82	Resp:	506568
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.3	49.9
54	56.8	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: BG036602.D

Acq: 7 Sep 2018 18:19

Instrument :

BNA_G

ClientSampleId :

090418-DBRI-E-U-M

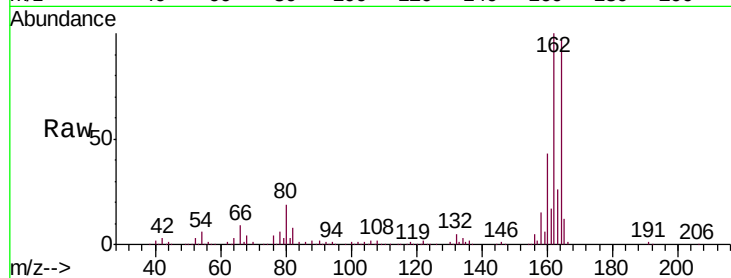
Tgt Ion:164 Resp: 184826

Ion Ratio Lower Upper

164 100

162 102.8 80.7 121.1

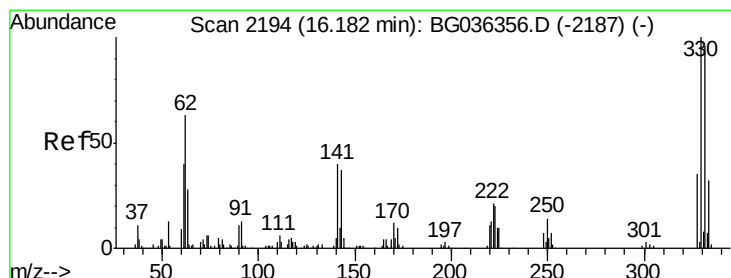
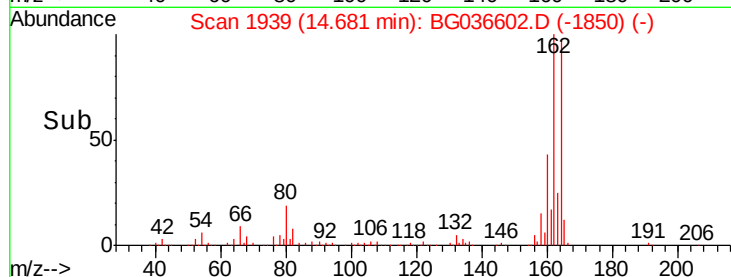
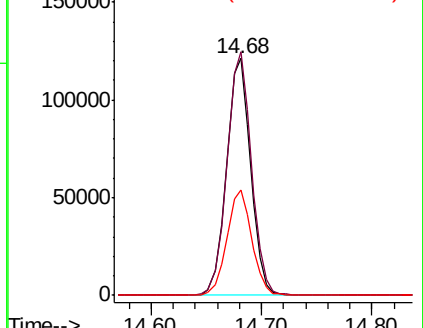
160 44.5 35.3 52.9



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: 105.620 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036602.D

Acq: 7 Sep 2018 18:19

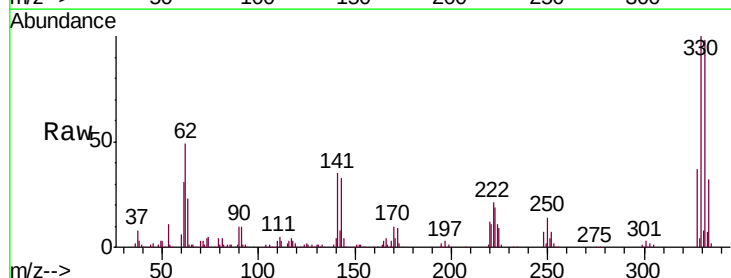
Tgt Ion:330 Resp: 232933

Ion Ratio Lower Upper

330 100

332 96.9 75.4 113.2

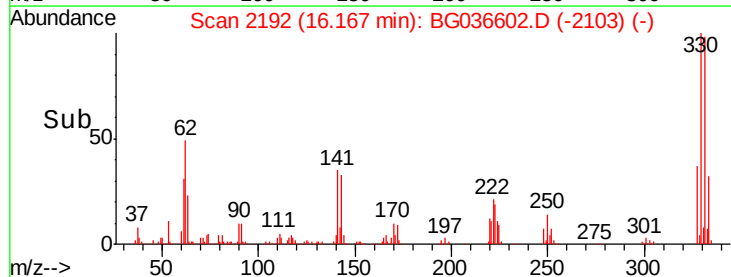
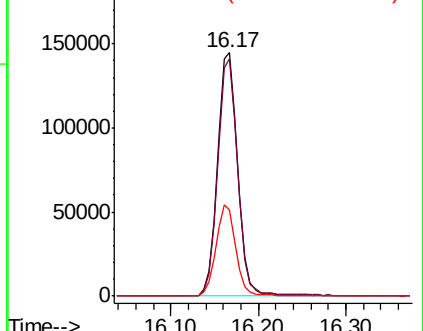
141 36.8 30.7 46.1

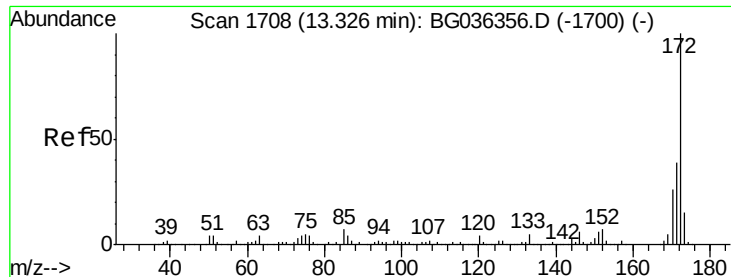


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

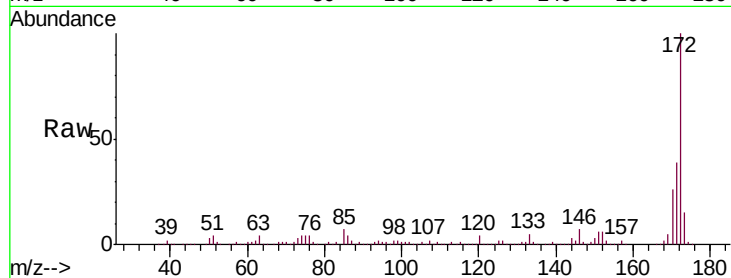




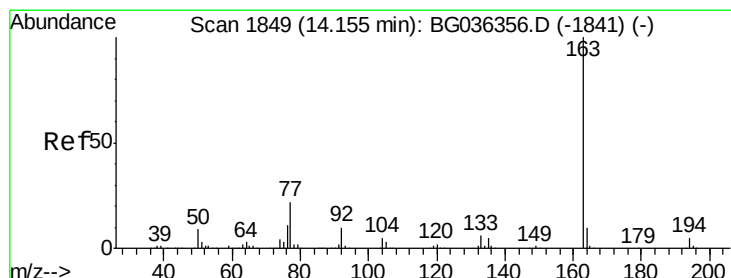
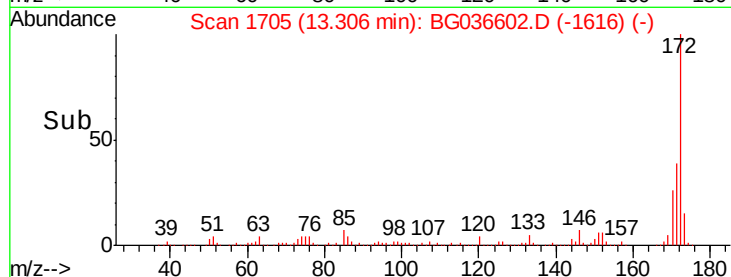
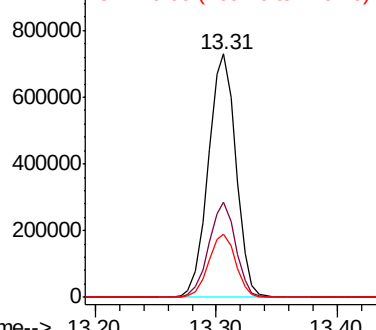
#44
2-Fluorobiphenyl
Concen: 89.979 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036602.D
Acq: 7 Sep 2018 18:19

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

Tgt Ion:172 Resp: 1164742
Ion Ratio Lower Upper
172 100
171 39.1 31.3 46.9
170 26.1 21.0 31.6

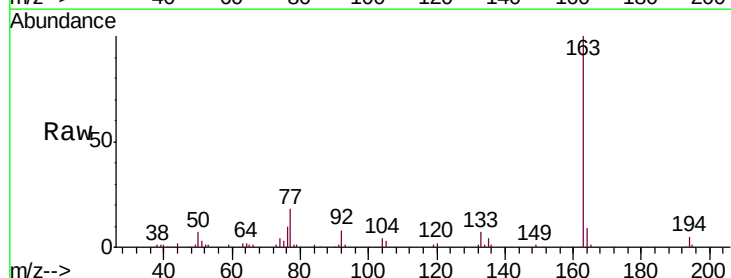


Abundance Ion 172.00 (171.70 to 172.70): E
1000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

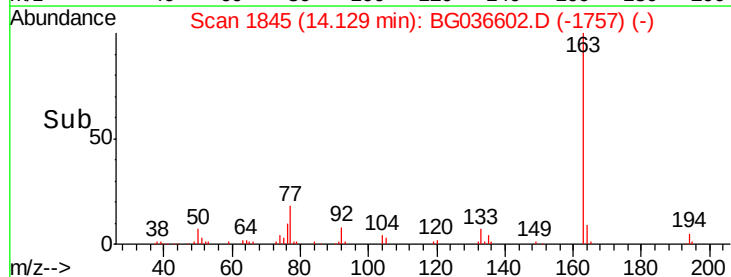
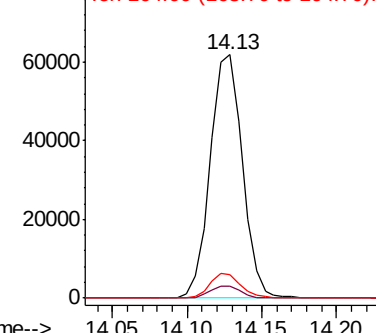


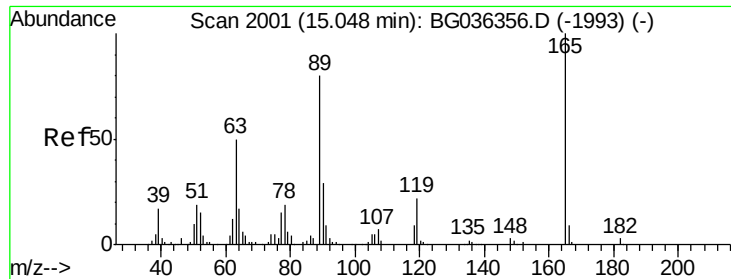
#49
Dimethylphthalate
Concen: 6.145 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036602.D
Acq: 7 Sep 2018 18:19

Tgt Ion:163 Resp: 92744
Ion Ratio Lower Upper
163 100
194 5.0 4.0 6.0
164 9.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
80000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

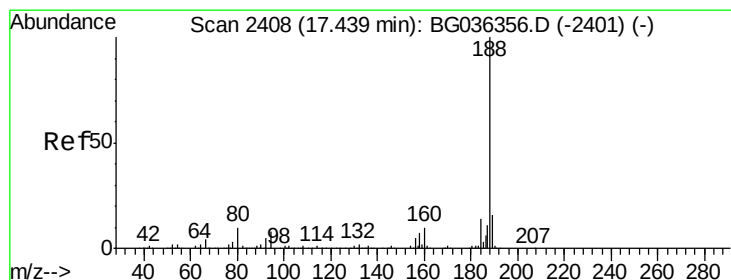
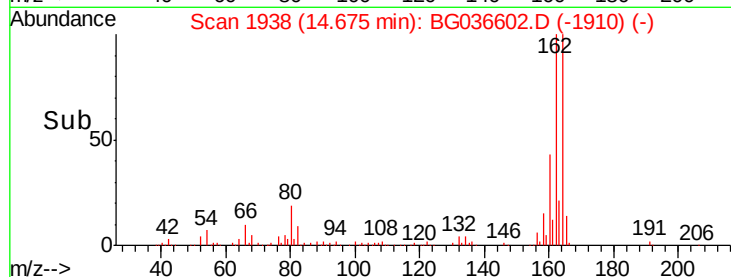
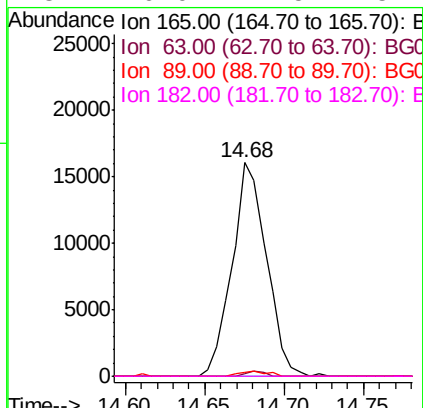
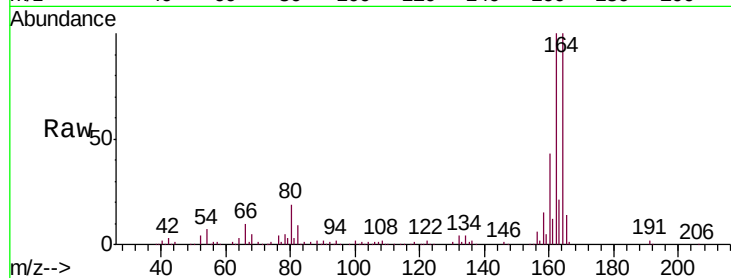




#56
 2,4-Dinitrotoluene
 Concen: 5.989 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036602.D
 Acq: 7 Sep 2018 18:19

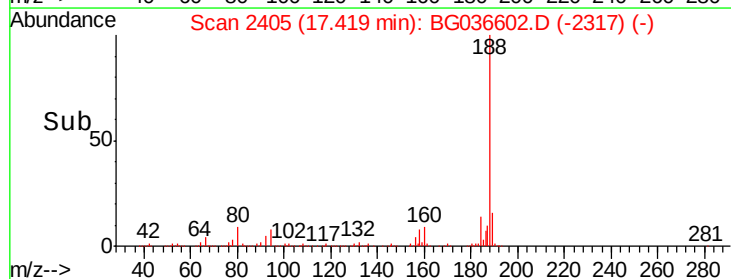
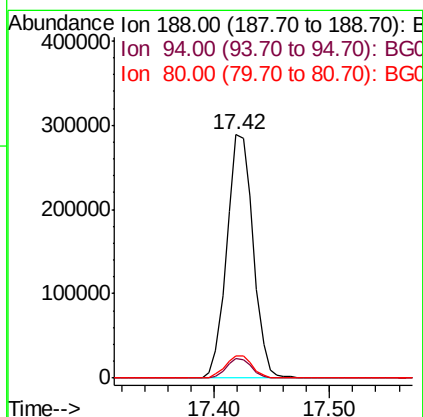
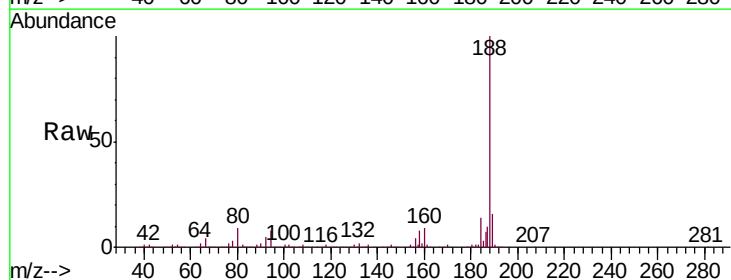
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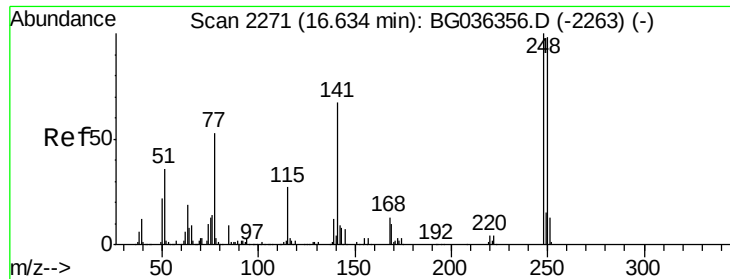
Tgt Ion:165 Resp: 24241
 Ion Ratio Lower Upper
 165 100
 63 1.0 40.1 60.1#
 89 1.5 63.7 95.5#
 182 0.0 2.5 3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036602.D
 Acq: 7 Sep 2018 18:19

Tgt Ion:188 Resp: 456469
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.7 10.1
 80 9.1 8.1 12.1

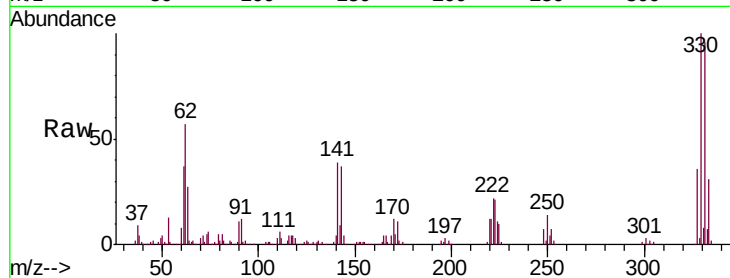




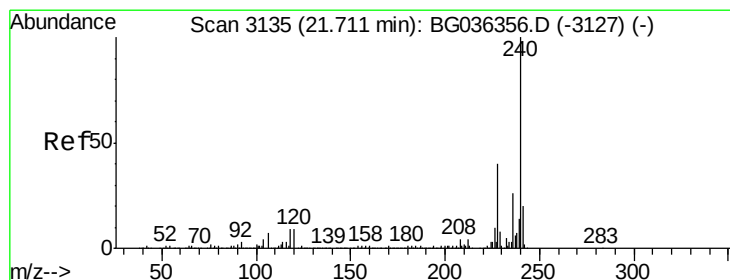
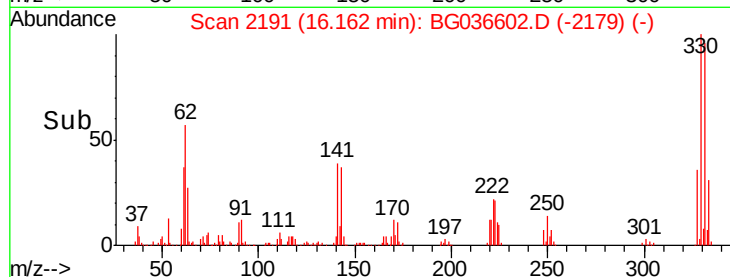
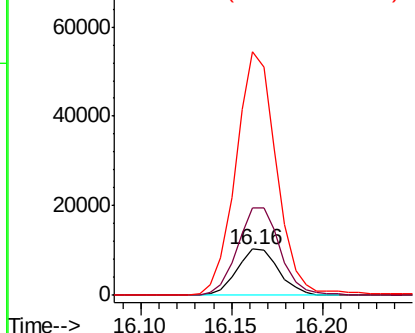
#66
 4-Bromophenyl-phenylether
 Concen: 3.101 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036602.D
 Acq: 7 Sep 2018 18:19

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

Tgt Ion:248 Resp: 16574
 Ion Ratio Lower Upper
 248 100
 250 190.7 78.1 117.1#
 141 527.6 53.7 80.5#

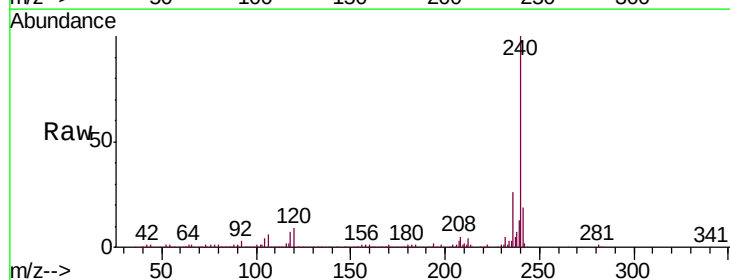


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

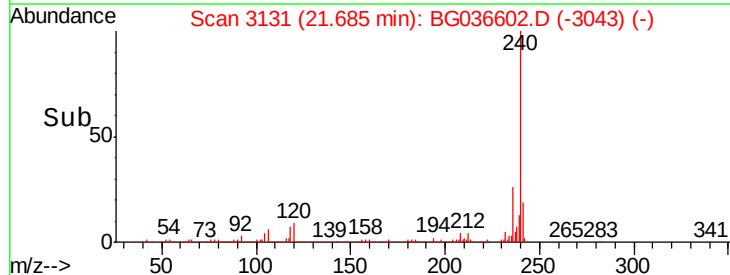
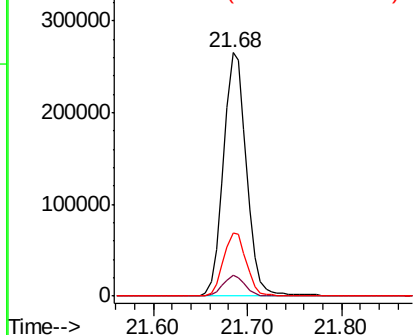


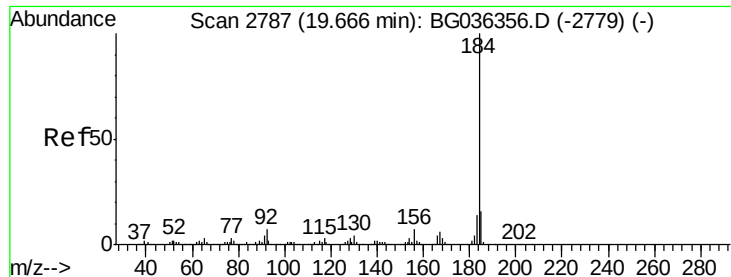
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036602.D
 Acq: 7 Sep 2018 18:19

Tgt Ion:240 Resp: 453225
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.9 10.3
 236 25.9 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: 2.123 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036602.D

Acq: 7 Sep 2018 18:19

Instrument :

BNA_G

ClientSampleId :

090418-DBRI-E-U-M

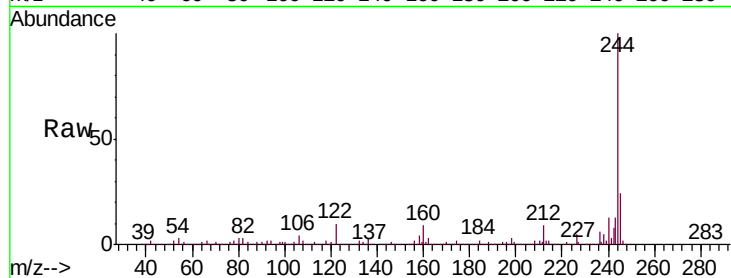
Tgt Ion:184 Resp: 30703

Ion Ratio Lower Upper

184 100

185 17.0 12.6 18.8

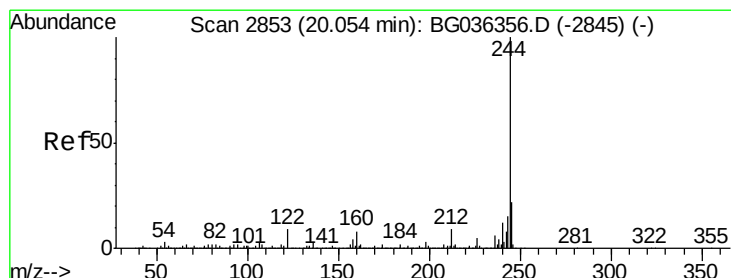
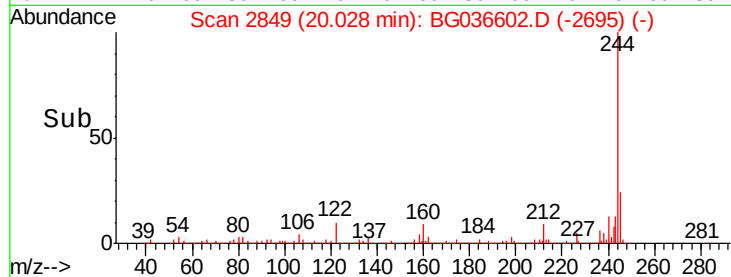
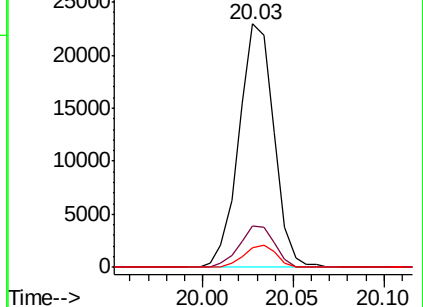
183 8.2 10.9 16.3#



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: 90.302 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036602.D

Acq: 7 Sep 2018 18:19

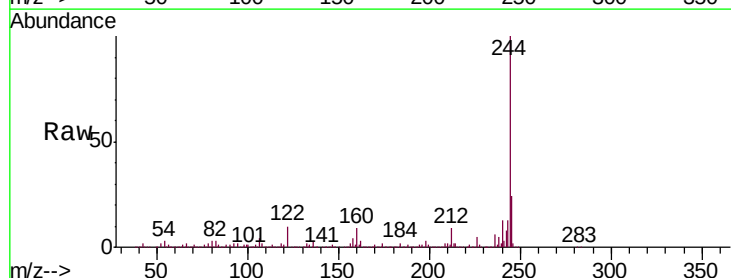
Tgt Ion:244 Resp: 1751013

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

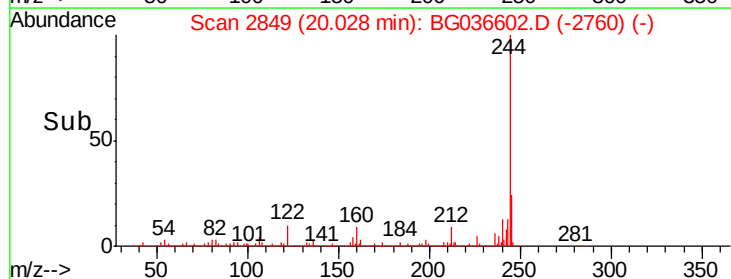
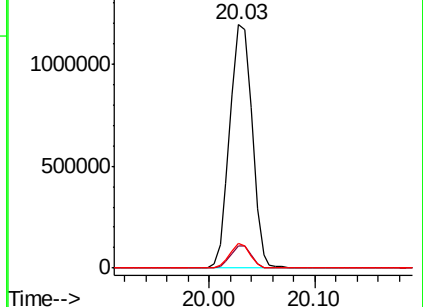
122 10.2 7.1 10.7

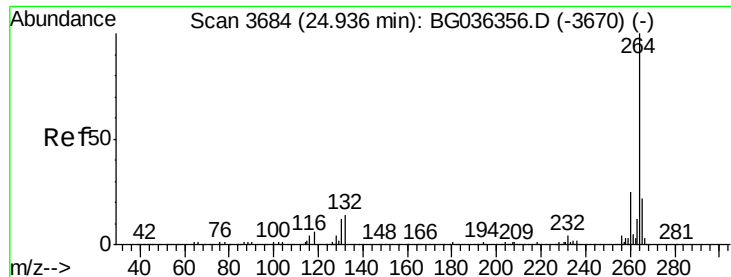


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036602.D
Acq: 7 Sep 2018 18:19

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

Tgt Ion:	264	Resp:	448603
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	20.7	17.4	26.0

