

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
 Data File : BG036659.D
 Acq On : 11 Sep 2018 16:53
 Operator : JU/SJ
 Sample : J4841-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 17:38:04 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

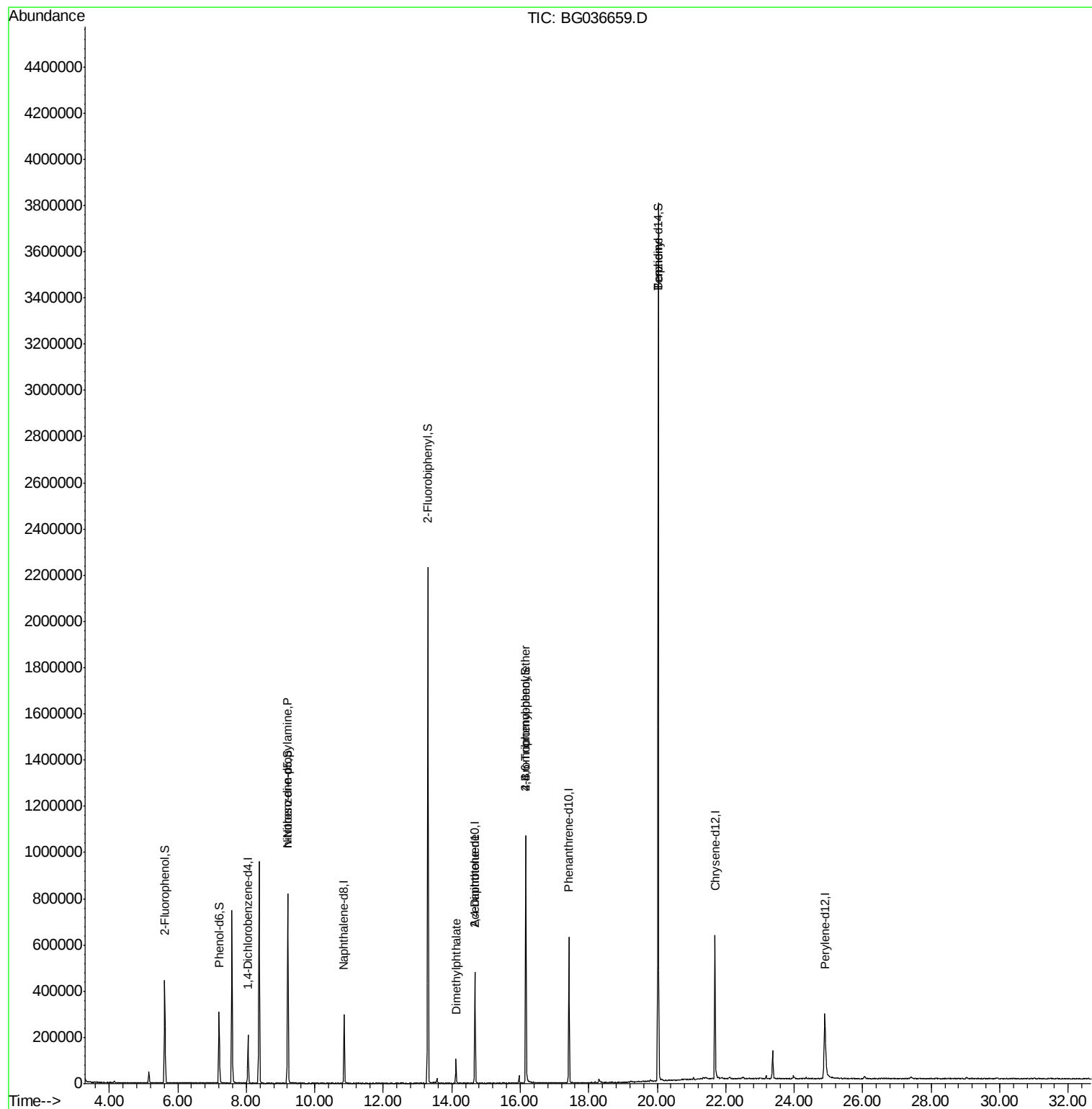
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59327	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	253089	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	167047	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	403302	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	405861	20.00	ng	-0.01
86) Perylene-d12	24.89	264	359926	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	188831	50.49	ng	0.00
7) Phenol-d6	7.21	99	176070	32.88	ng	-0.01
23) Nitrobenzene-d5	9.22	82	499622	107.11	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	204135	102.41	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1174001	100.35	ng	-0.01
78) Terphenyl-d14	20.03	244	1749955	100.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	67613	16.895	ng	Qvalue # 68
49) Dimethylphthalate	14.12	163	68366	5.012	ng	97
56) 2,4-Dinitrotoluene	14.67	165	21200	5.795	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	14356	3.040	ng	# 1
76) Benzidine	20.03	184	31960	2.468	ng	# 94

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

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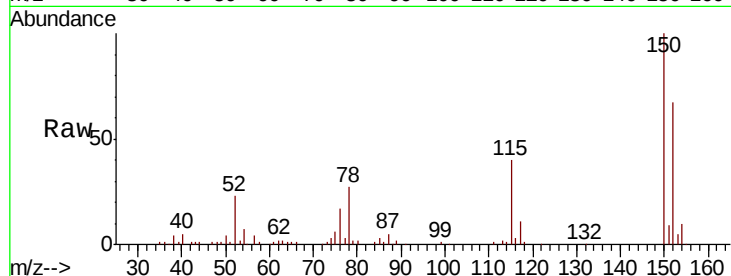




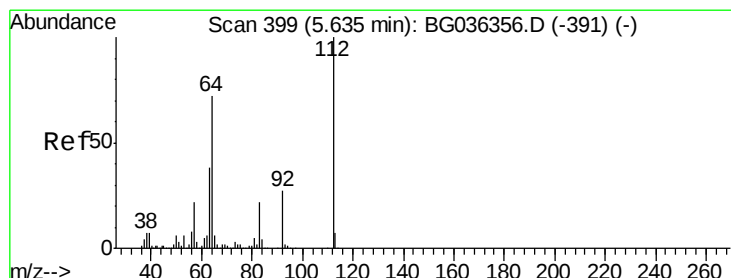
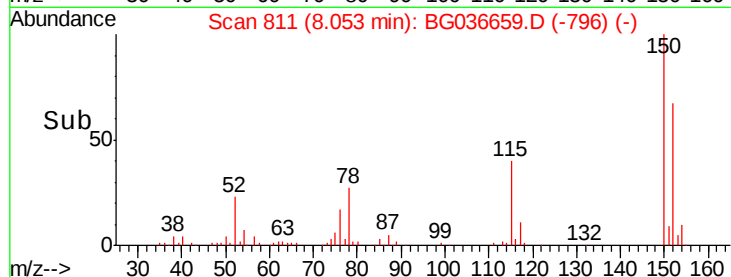
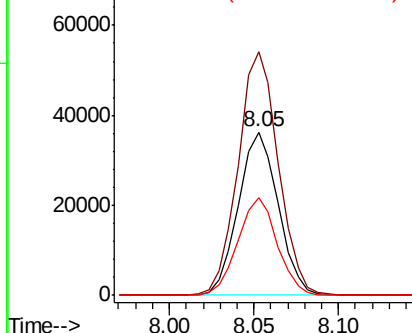
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036659.D
 Acq: 11 Sep 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 59327
 Ion Ratio Lower Upper
 152 100
 150 149.2 119.5 179.3
 115 60.1 44.5 66.7

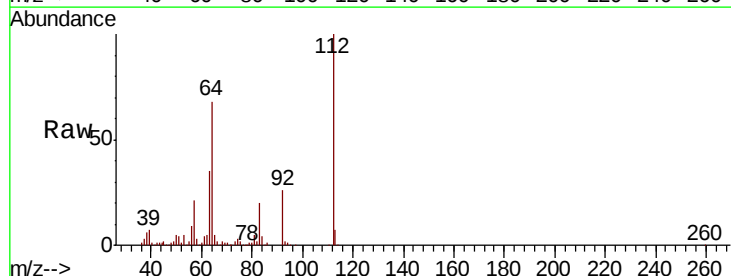


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

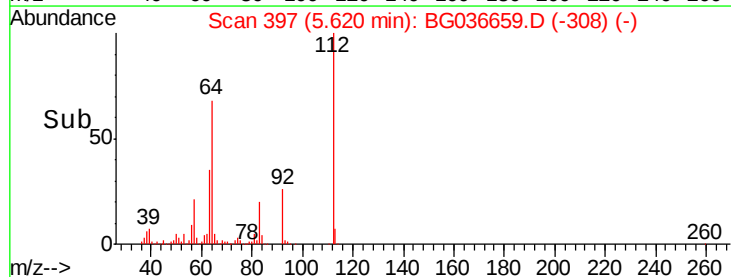
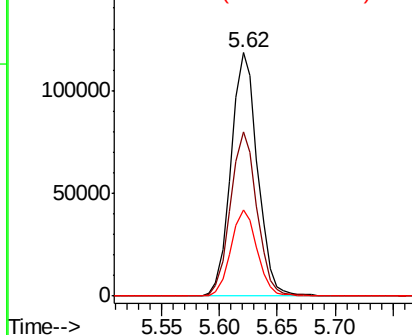


#5
 2-Fluorophenol
 Concen: 50.490 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036659.D
 Acq: 11 Sep 2018 16:53

Tgt Ion:112 Resp: 188831
 Ion Ratio Lower Upper
 112 100
 64 67.5 57.2 85.8
 63 35.4 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.881 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036659.D

Acq: 11 Sep 2018 16:53

Instrument :

BNA_G

ClientSampled :

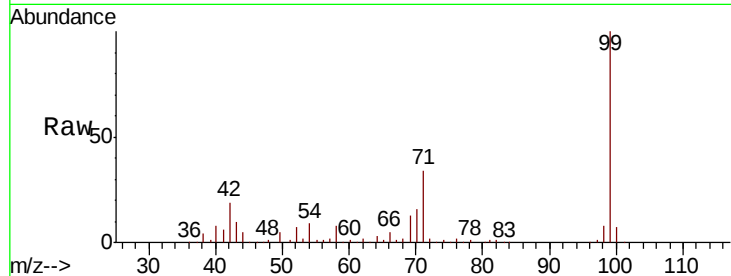
Tot Ion: 99 Resp: 176070

Ion Ratio Lower Upper

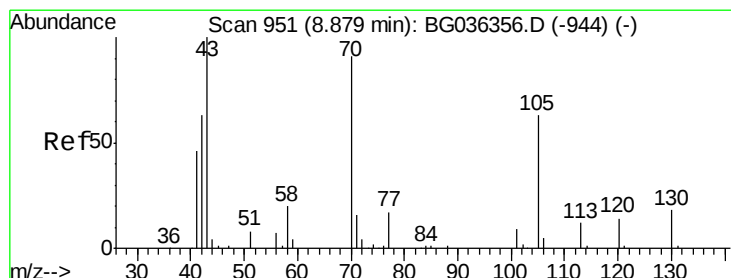
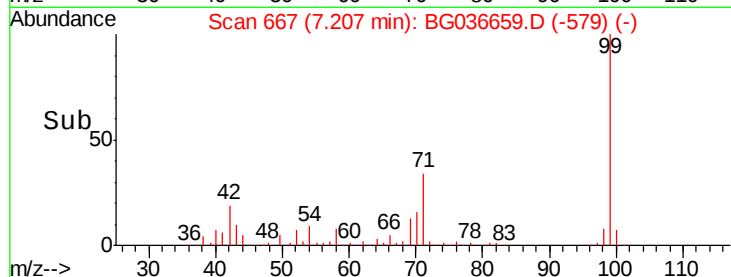
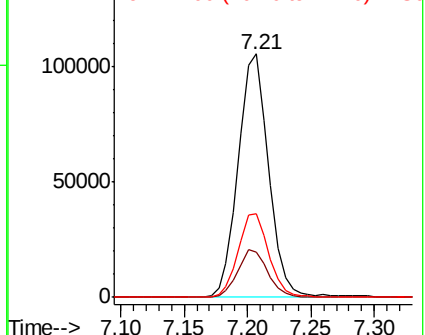
99 100

42 18.6 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: 16.895 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036659.D

Acq: 11 Sep 2018 16:53

Tgt Ion: 70 Resp: 67613

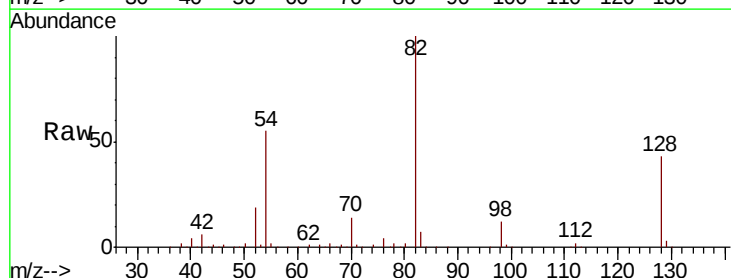
Ion Ratio Lower Upper

70 100

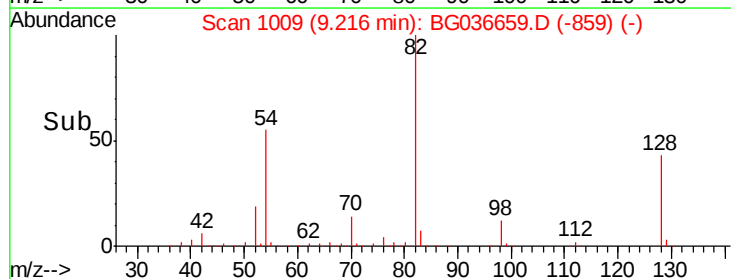
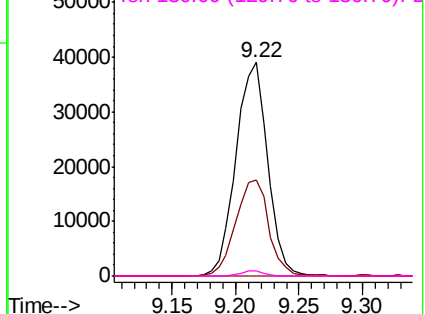
42 45.0 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 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

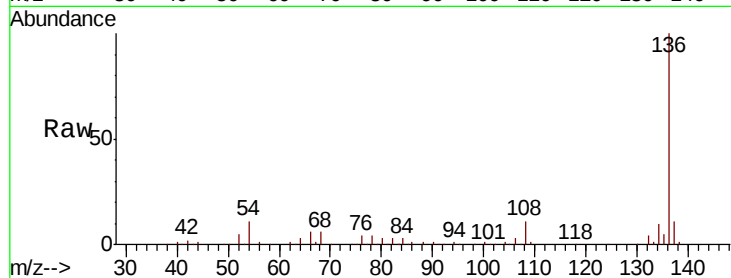




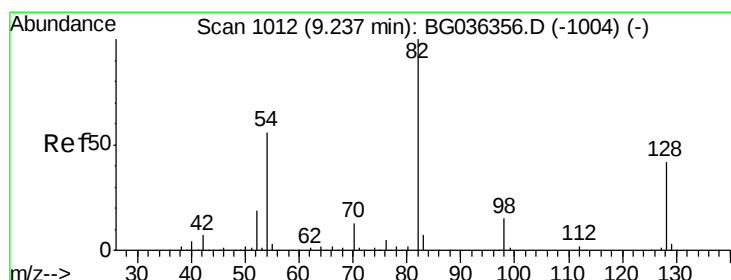
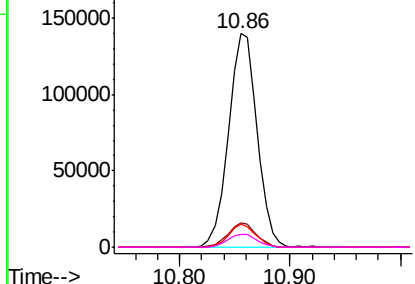
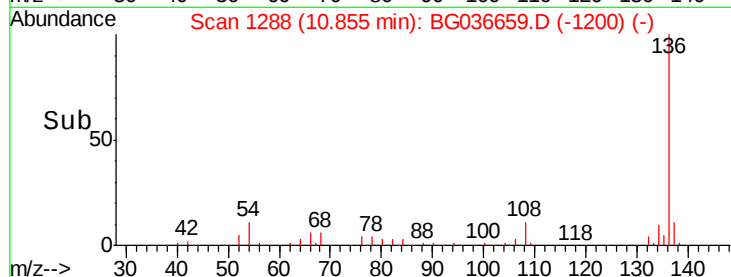
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036659.D
Acq: 11 Sep 2018 16:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	253089
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.9	9.2	13.8
68	6.2	5.8	8.6

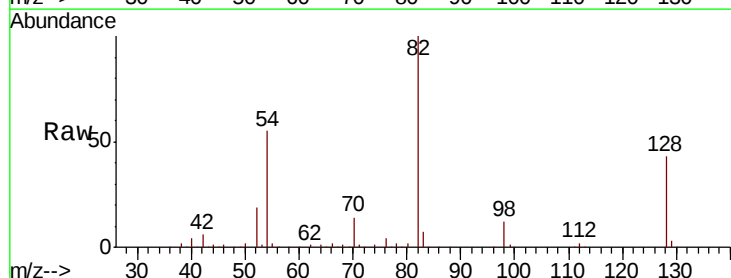


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

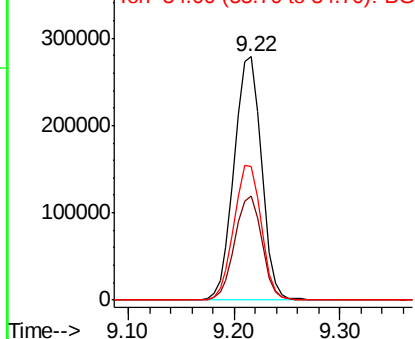
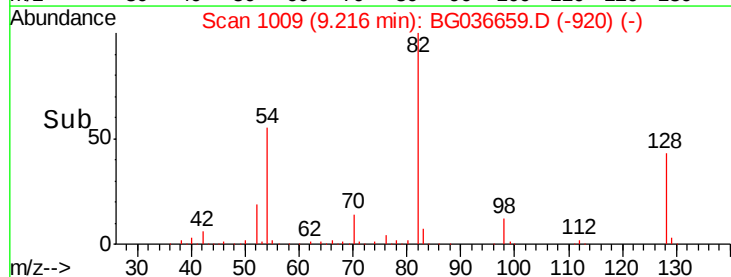


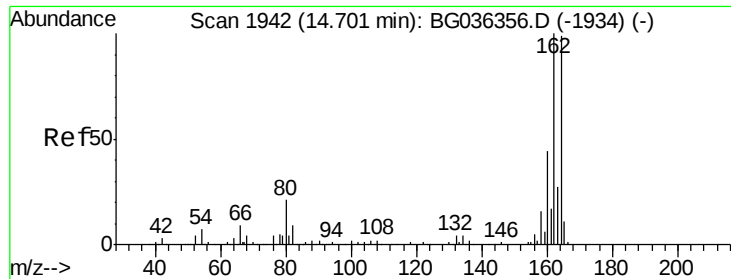
#23
Nitrobenzene-d5
Concen: 107.108 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036659.D
Acq: 11 Sep 2018 16:53

Tgt Ion:	82	Resp:	499622
Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.3	49.9
54	54.9	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: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036659.D

Acq: 11 Sep 2018 16:53

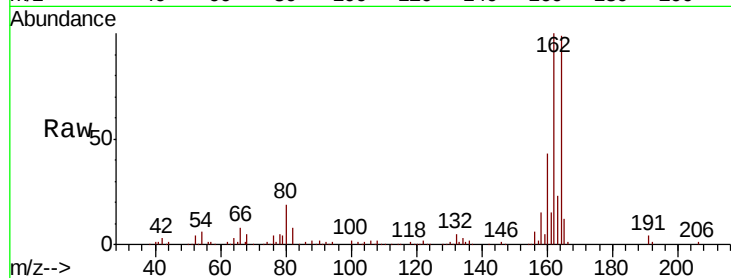
Instrument :

BNA_G

ClientSampled :

Tot Ion:164 Resp: 167047

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.7	121.1
160	43.8	35.3	52.9

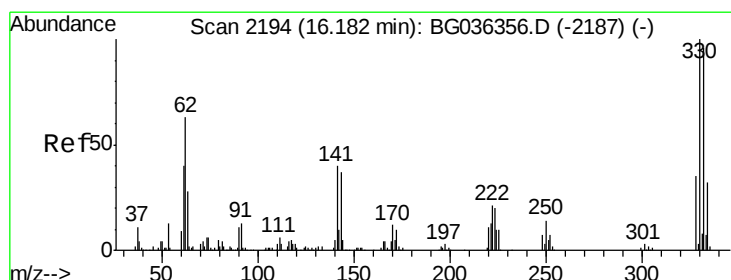
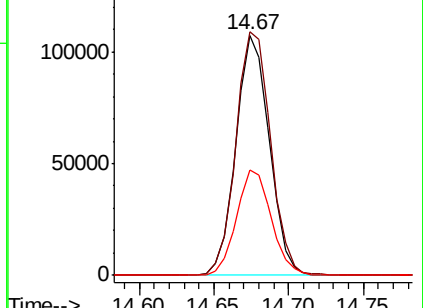
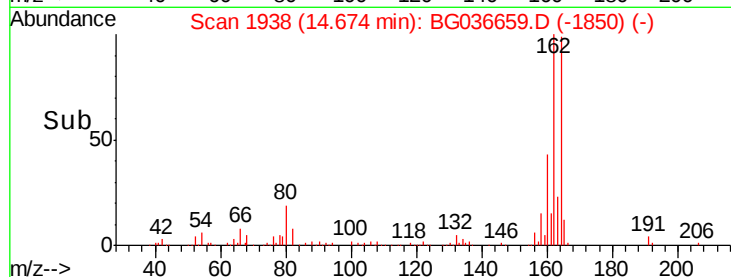


Abundance

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: 102.413 ng

RT: 16.16 min Scan# 2191

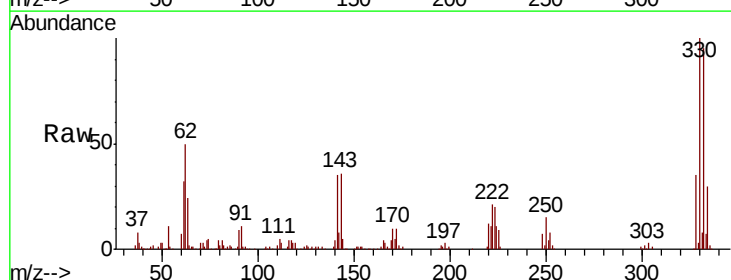
Delta R.T. -0.01 min

Lab File: BG036659.D

Acq: 11 Sep 2018 16:53

Tgt Ion:330 Resp: 204135

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.2
141	36.2	30.7	46.1

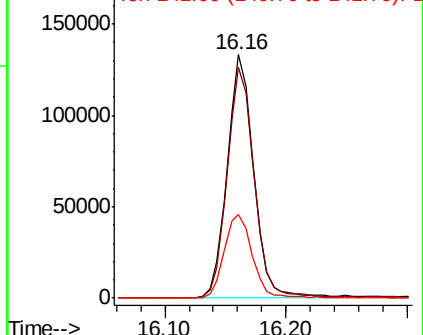
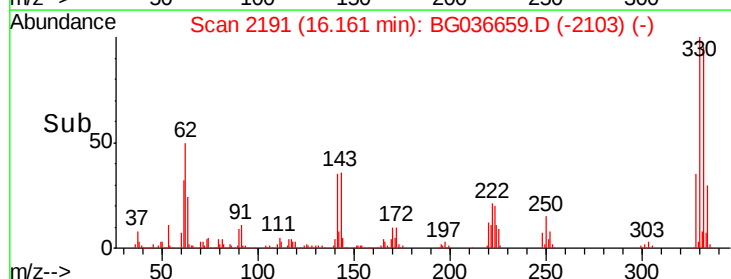


Abundance

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



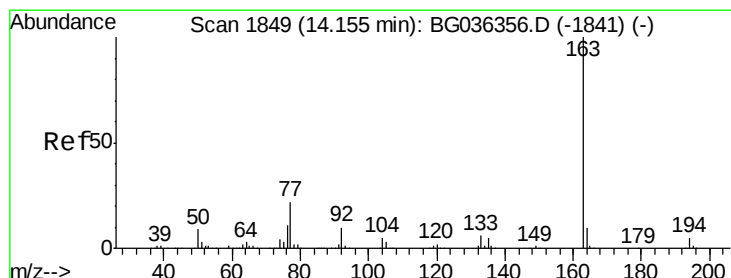
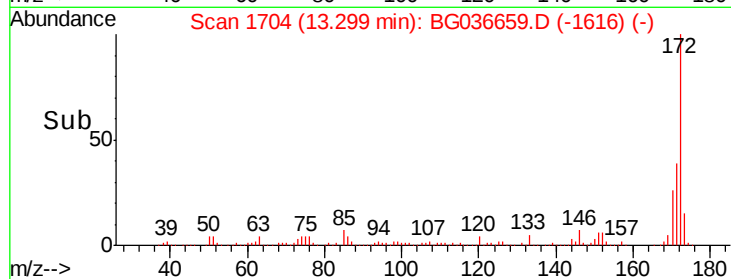
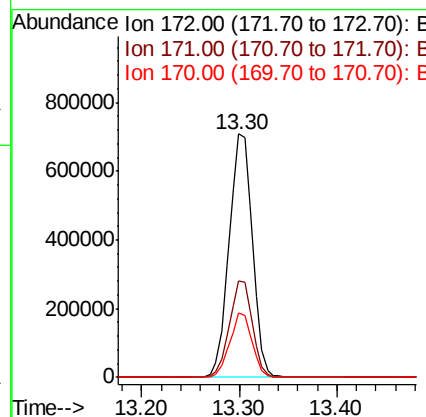
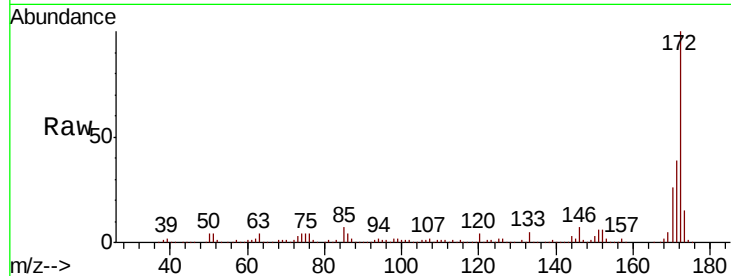


#44
 2-Fluorobiphenyl
 Concen: 100.347 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036659.D
 Acq: 11 Sep 2018 16:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1174001

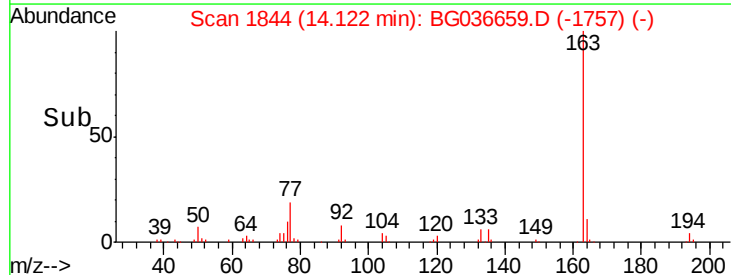
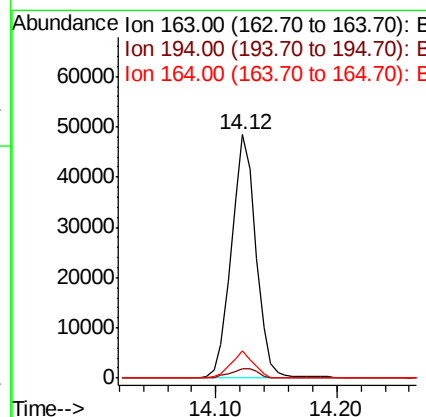
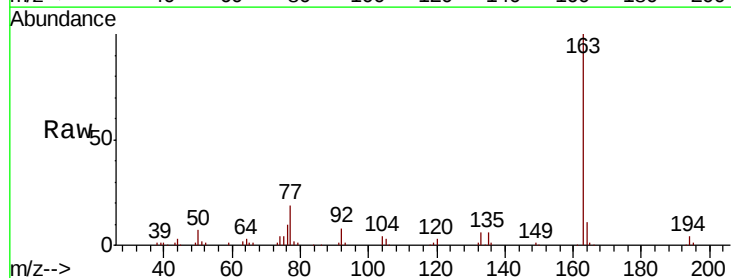
Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.3	46.9
170	26.4	21.0	31.6

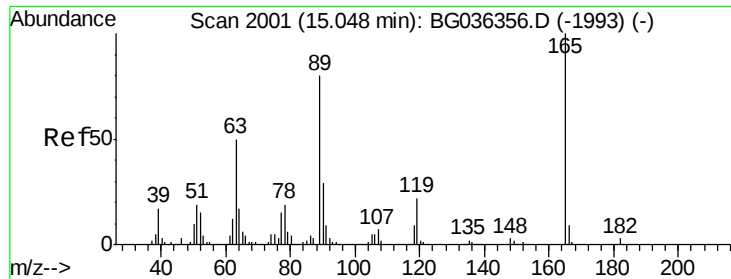


#49
 Dimethylphthalate
 Concen: 5.012 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BG036659.D
 Acq: 11 Sep 2018 16:53

Tgt Ion:163 Resp: 68366

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.0	6.0
164	11.2	8.1	12.1

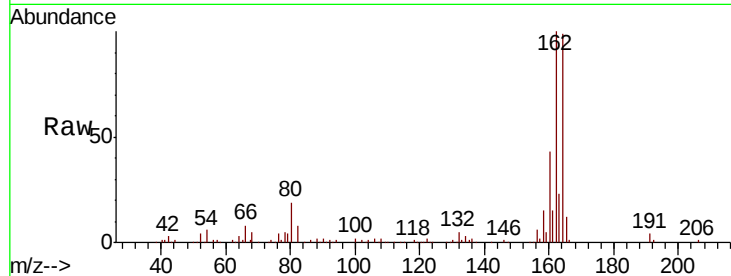




#56
 2,4-Dinitrotoluene
 Concen: 5.795 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036659.D
 Acq: 11 Sep 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.7	40.1	60.1#
89	2.3	63.7	95.5#
182	0.0	2.5	3.7#



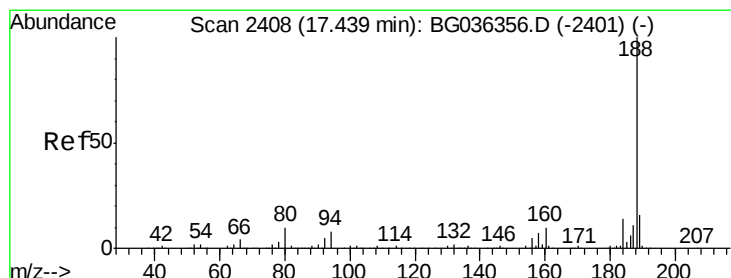
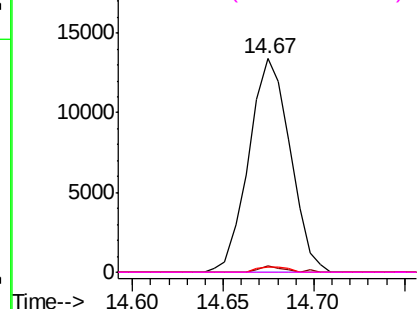
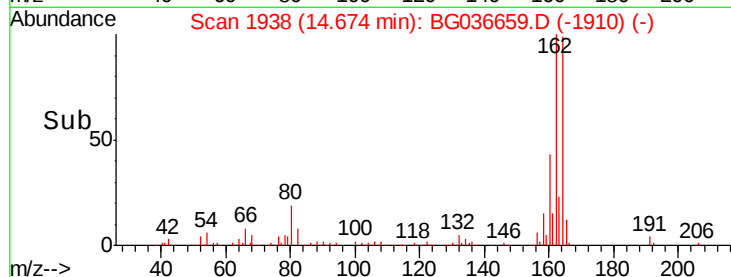
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

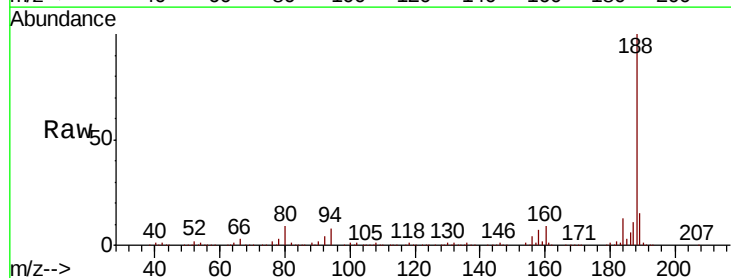
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036659.D
 Acq: 11 Sep 2018 16:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.9	8.1	12.1

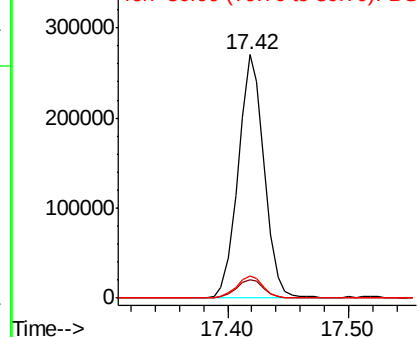
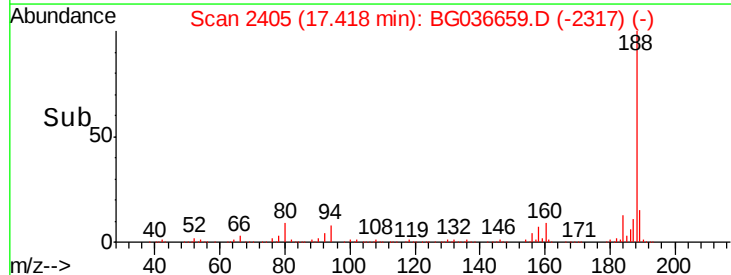


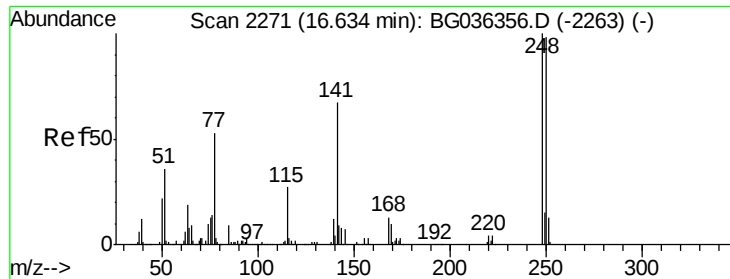
Abundance

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

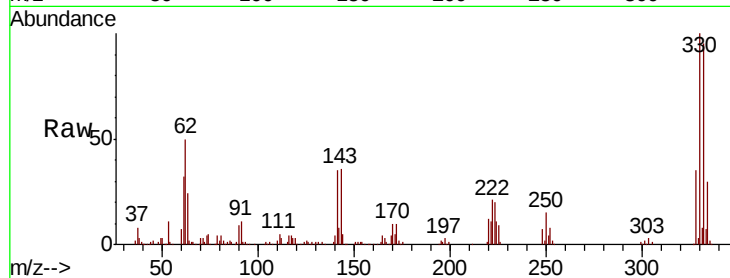




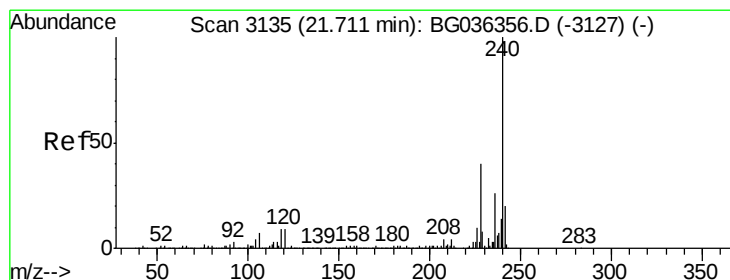
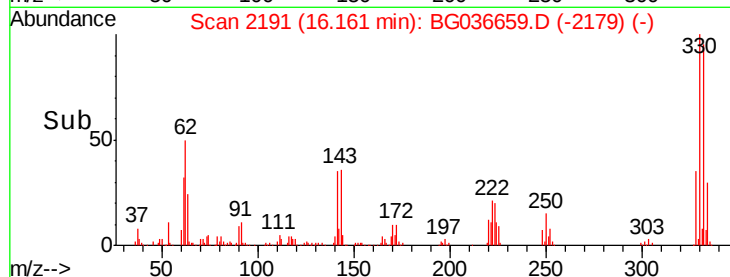
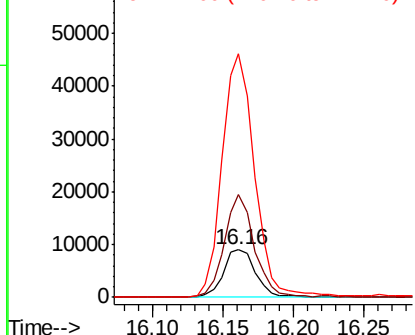
#66
 4-Bromophenyl-phenylether
 Concen: 3.040 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036659.D
 Acq: 11 Sep 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 14356
 Ion Ratio Lower Upper
 248 100
 250 216.0 78.1 117.1#
 141 514.3 53.7 80.5#

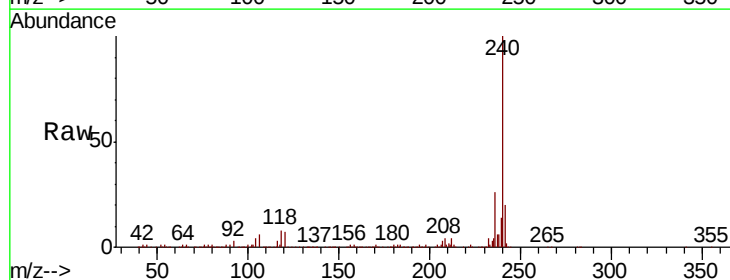


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

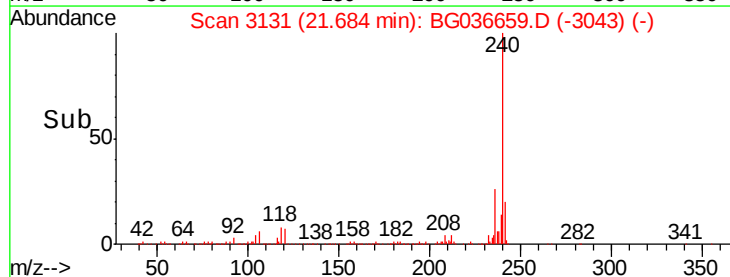
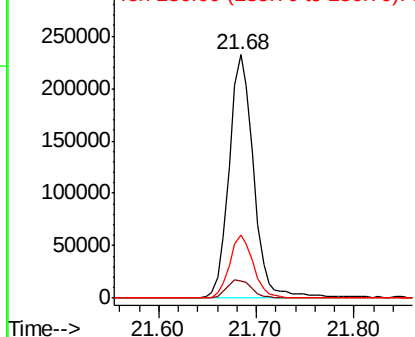


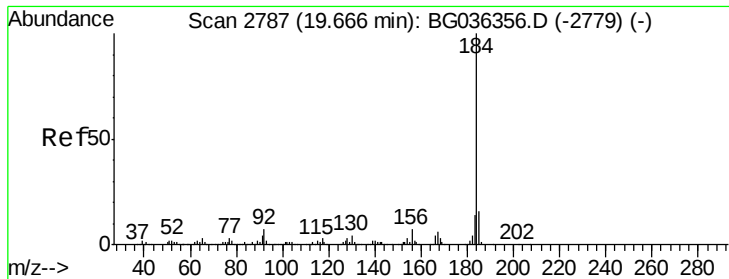
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036659.D
 Acq: 11 Sep 2018 16:53

Tgt Ion:240 Resp: 405861
 Ion Ratio Lower Upper
 240 100
 120 7.2 6.9 10.3
 236 26.1 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: 2.468 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036659.D

Acq: 11 Sep 2018 16:53

Instrument :

BNA_G

ClientSampleId :

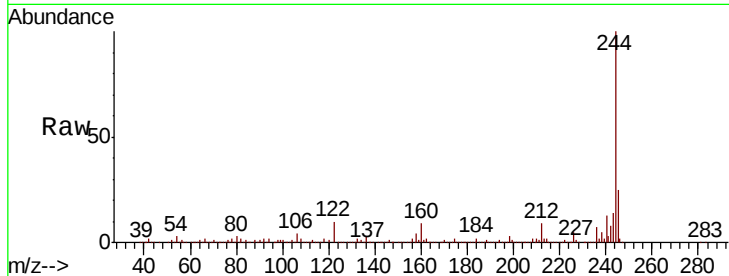
Tot Ion:184 Resp: 31960

Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

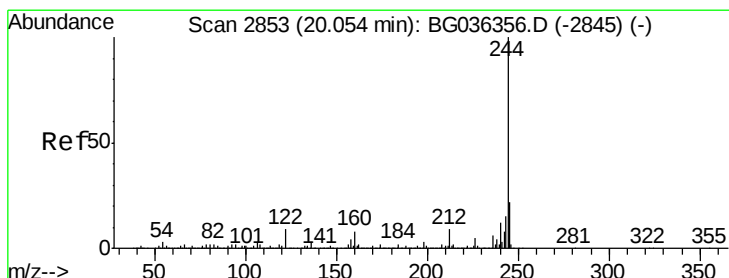
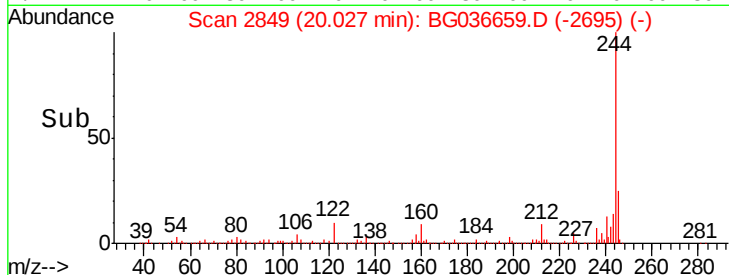
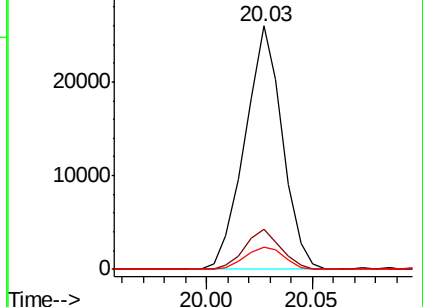
183 8.9 10.9 16.3#



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: 100.779 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036659.D

Acq: 11 Sep 2018 16:53

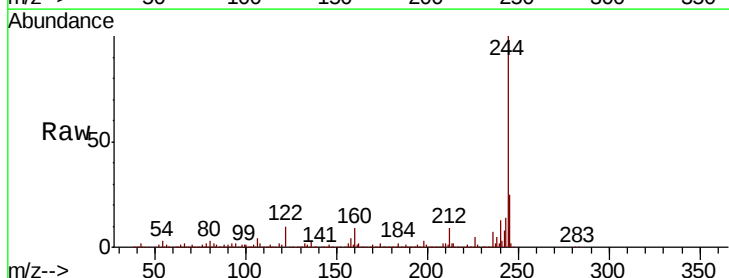
Tgt Ion:244 Resp: 1749955

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

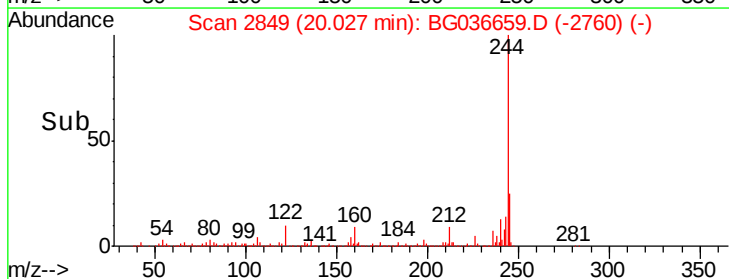
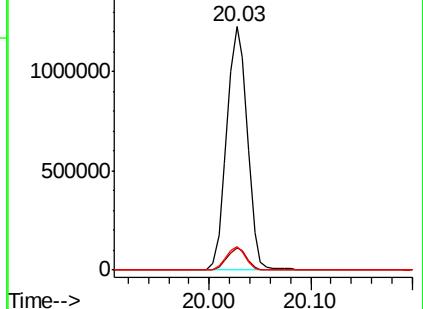
122 9.6 7.1 10.7

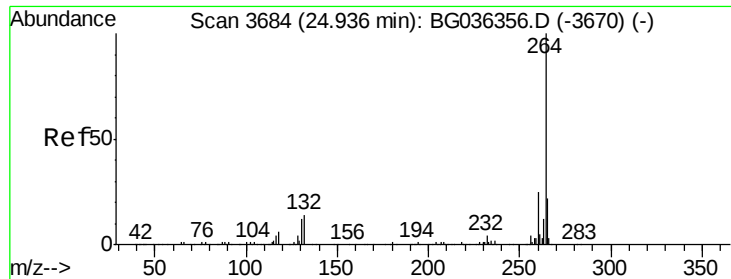


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036659.D
Acq: 11 Sep 2018 16:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	23.1	17.4	26.0

