

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
 Data File : BG036669.D
 Acq On : 11 Sep 2018 23:22
 Operator : JU/SJ
 Sample : J4841-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:05:14 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

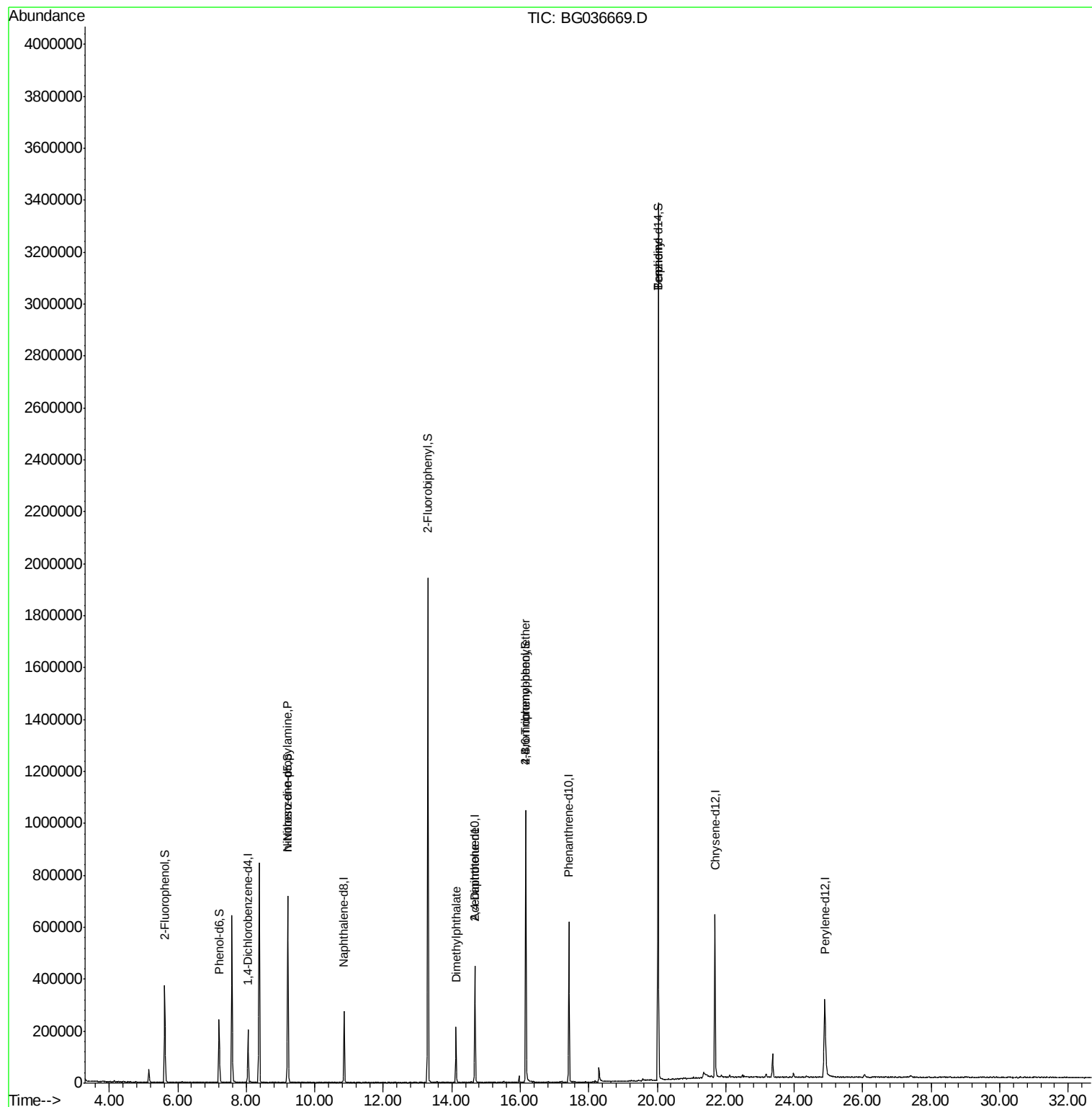
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56559	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	231276	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	155792	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	387878	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	393448	20.00	ng	-0.01
86) Perylene-d12	24.89	264	376417	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	157198	44.09	ng	0.00
7) Phenol-d6	7.21	99	141794	27.78	ng	-0.01
23) Nitrobenzene-d5	9.22	82	437181	102.56	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	195126	104.97	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1015962	93.11	ng	-0.01
78) Terphenyl-d14	20.03	244	1547124	91.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	58780	15.407	ng	# 70
49) Dimethylphthalate	14.12	163	144137	11.330	ng	# 99
56) 2,4-Dinitrotoluene	14.67	165	19803	5.805	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	13699	3.017	ng	# 1
76) Benzidine	20.03	184	26884	2.142	ng	# 95

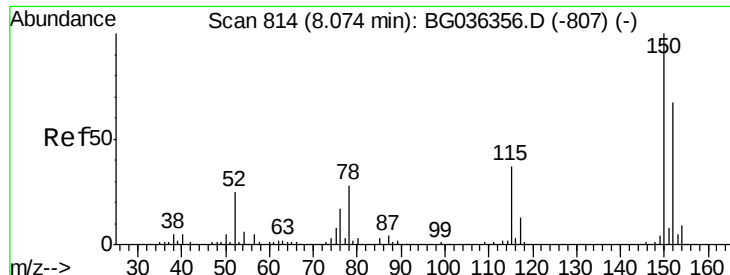
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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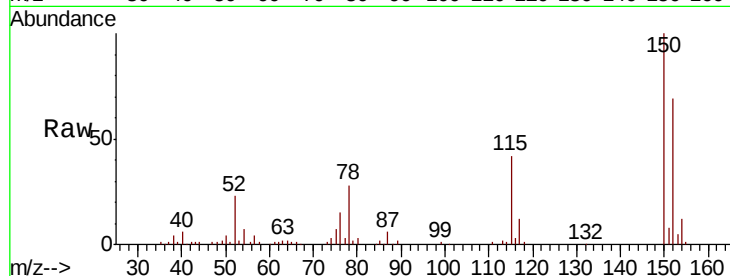


#1

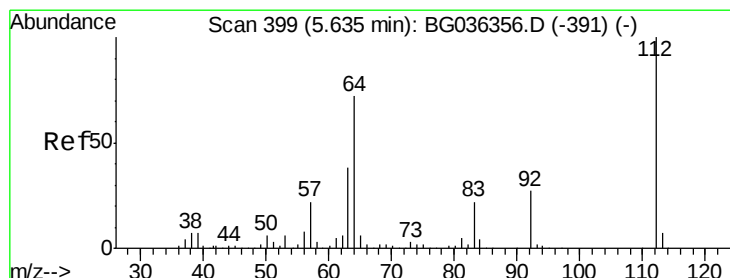
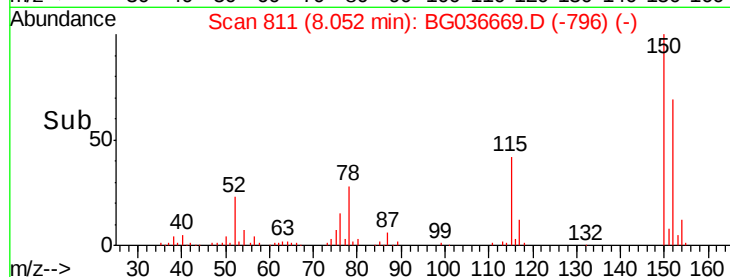
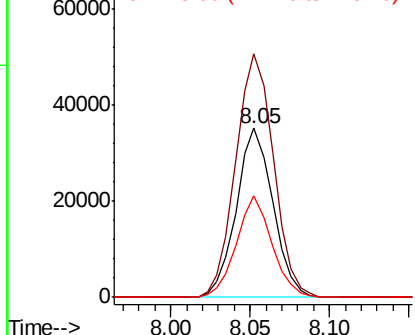
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036669.D
 Acq: 11 Sep 2018 23:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	119.5	179.3
115	60.2	44.5	66.7



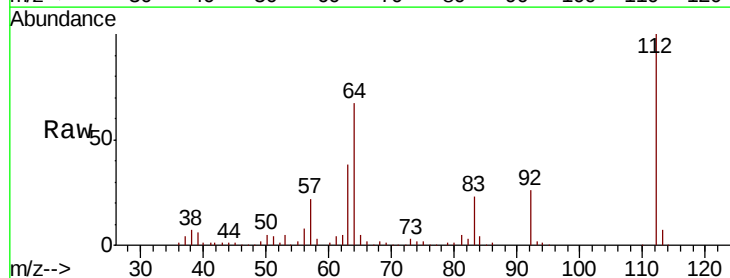
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



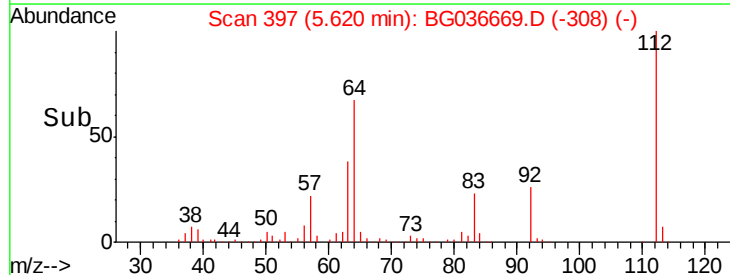
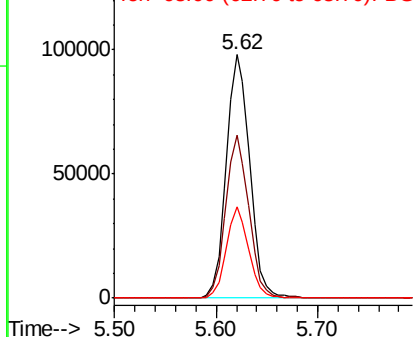
#5

2-Fluorophenol
 Concen: 44.089 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036669.D
 Acq: 11 Sep 2018 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	57.2	85.8
63	37.6	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: 27.776 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036669.D

Acq: 11 Sep 2018 23:22

Instrument :

BNA_G

ClientSampleId :

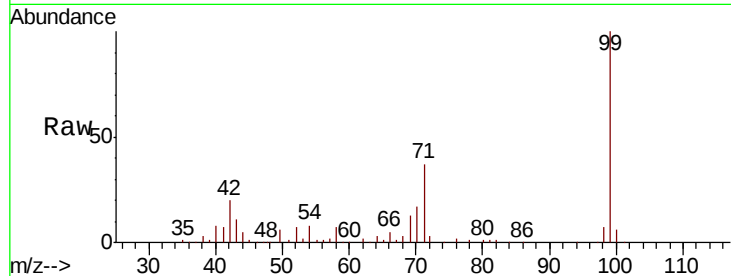
Tot Ion: 99 Resp: 141794

Ion Ratio Lower Upper

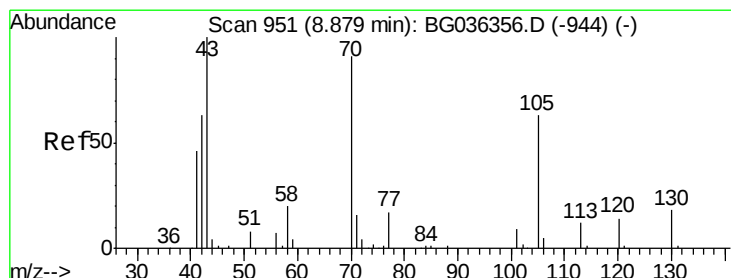
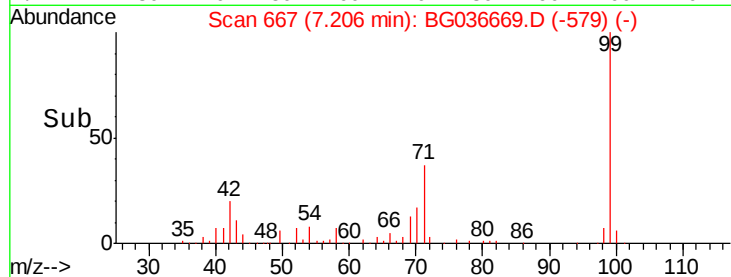
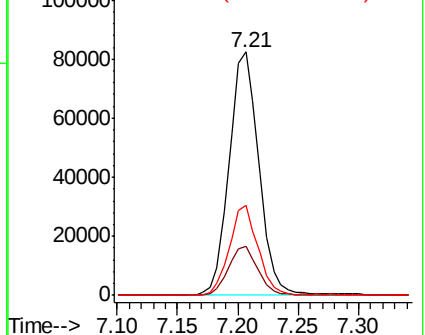
99 100

42 20.4 16.5 24.7

71 37.1 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: 15.407 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036669.D

Acq: 11 Sep 2018 23:22

Tgt Ion: 70 Resp: 58780

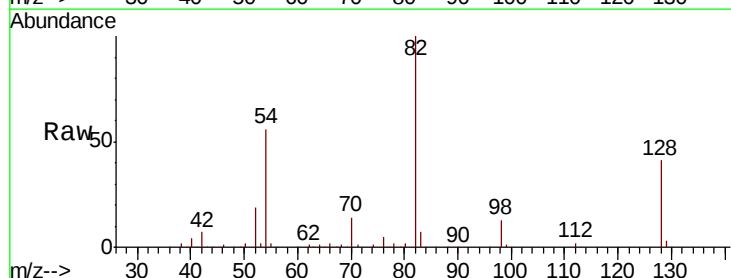
Ion Ratio Lower Upper

70 100

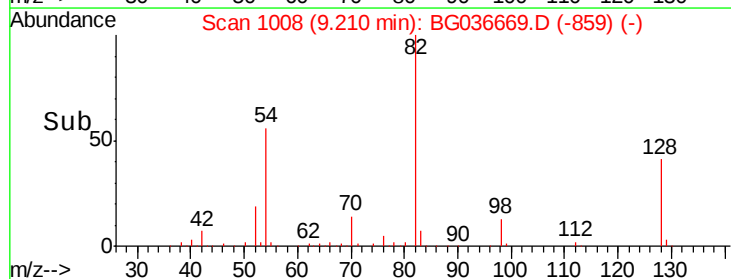
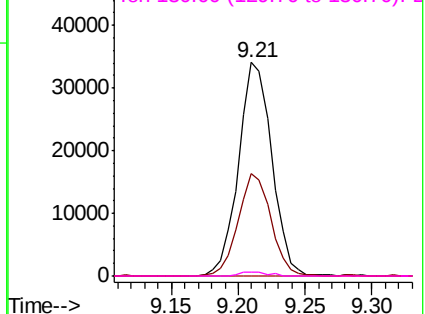
42 48.0 56.2 84.4#

101 0.0 7.8 11.6#

130 1.9 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

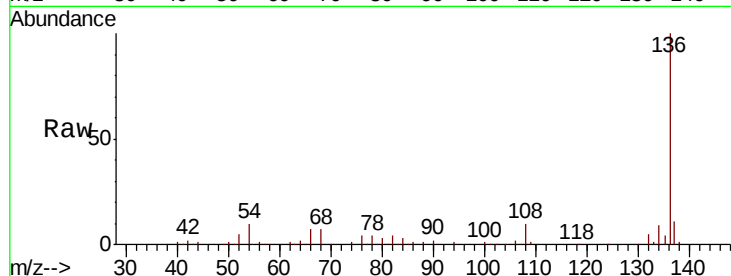




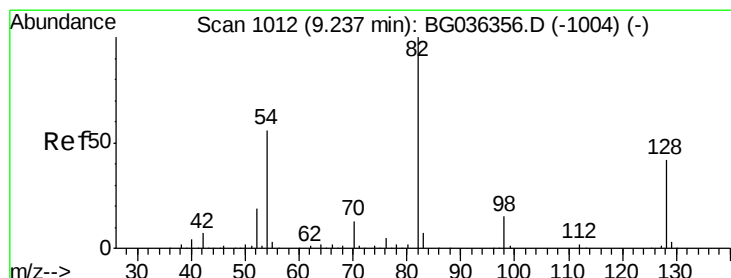
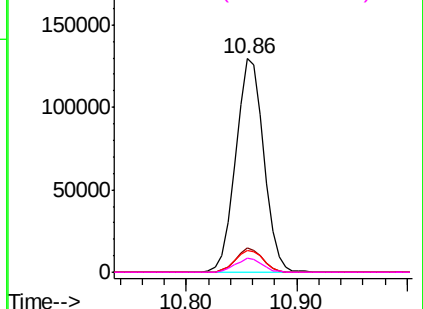
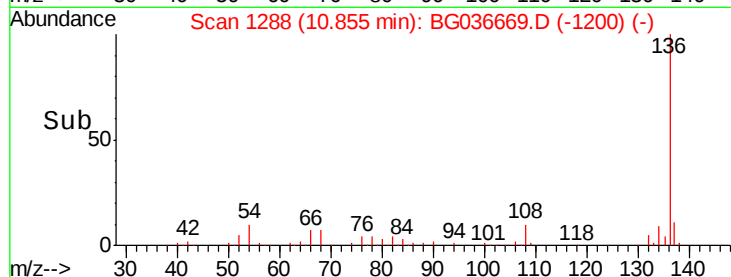
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036669.D
Acq: 11 Sep 2018 23:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	231276
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.8 13.2
54	10.4	9.2 13.8
68	6.6	5.8 8.6

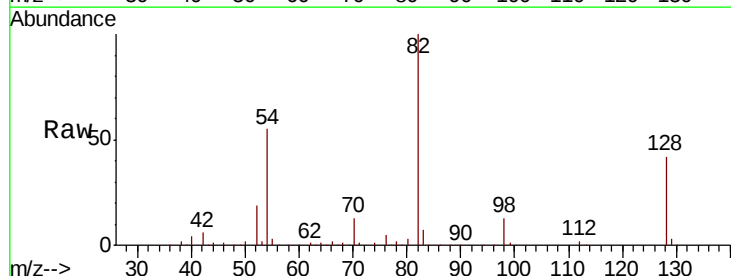


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

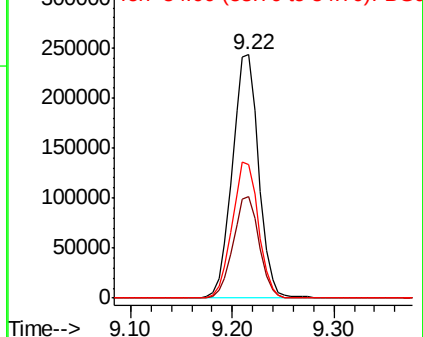
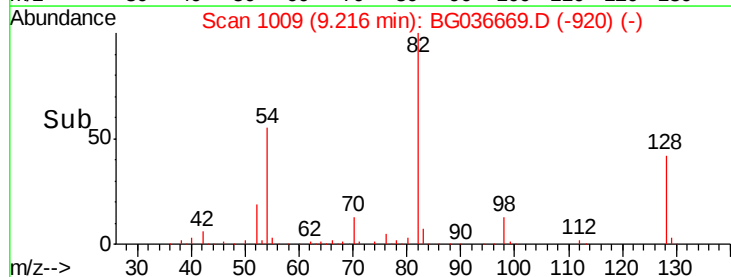


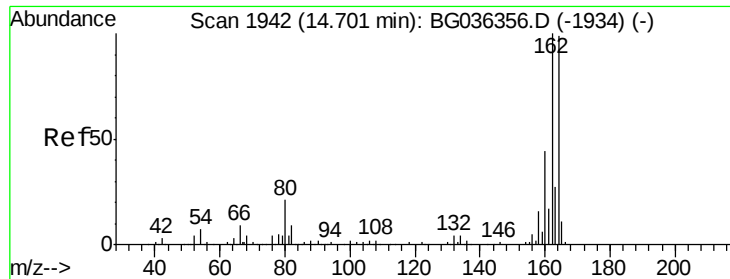
#23
Nitrobenzene-d5
Concen: 102.561 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036669.D
Acq: 11 Sep 2018 23:22

Tgt Ion: 82	Resp:	437181
Ion	Ratio	Lower Upper
82	100	
128	41.9	33.3 49.9
54	54.7	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG

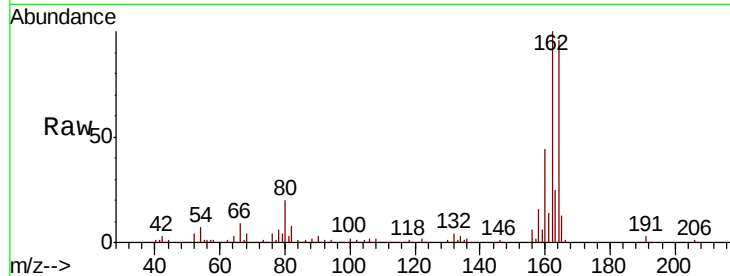




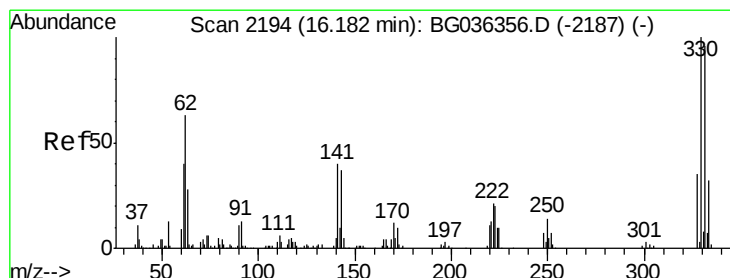
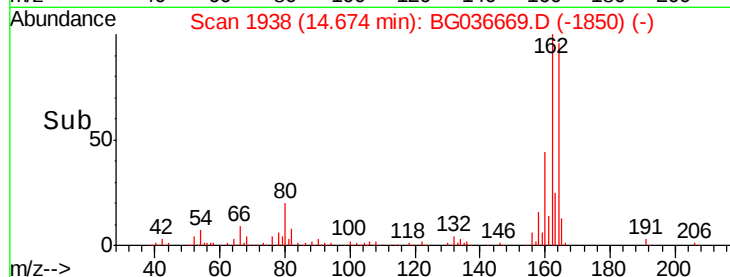
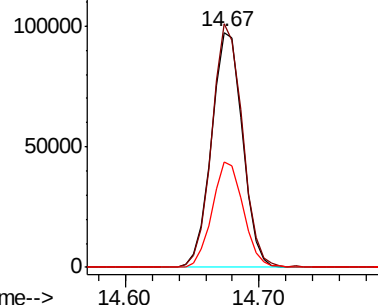
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036669.D
 Acq: 11 Sep 2018 23:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 155792
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.7 121.1
 160 45.2 35.3 52.9

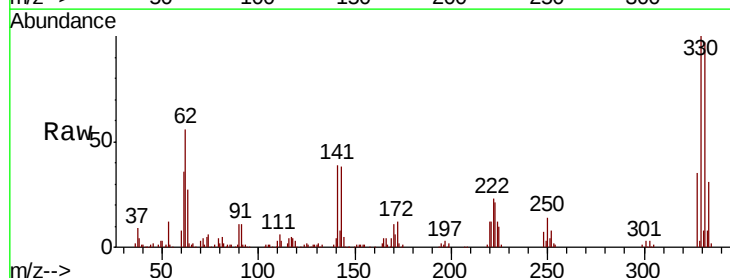


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

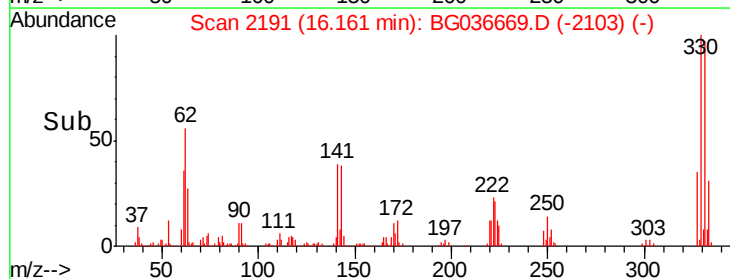
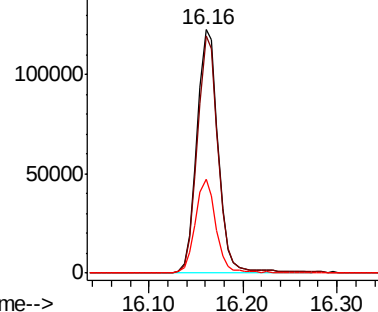


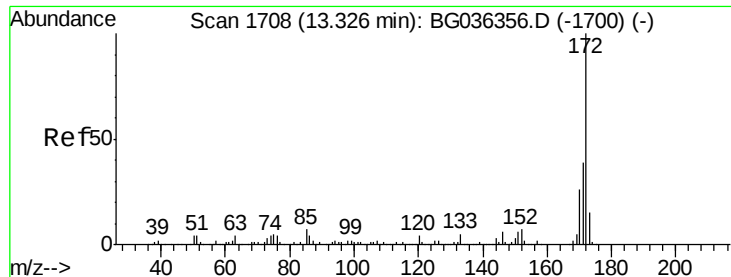
#41
 2,4,6-Tribromophenol
 Concen: 104.966 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036669.D
 Acq: 11 Sep 2018 23:22

Tgt Ion:330 Resp: 195126
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.2
 141 37.1 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

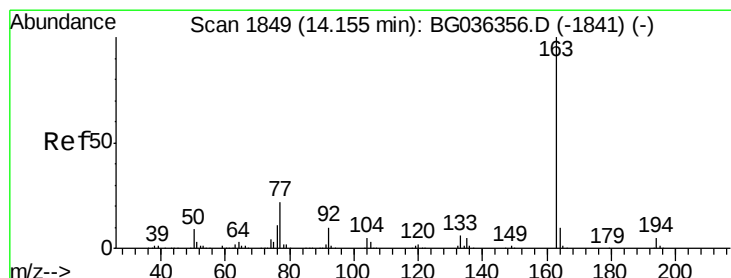
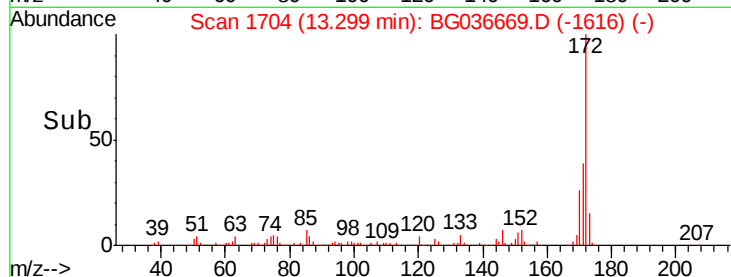
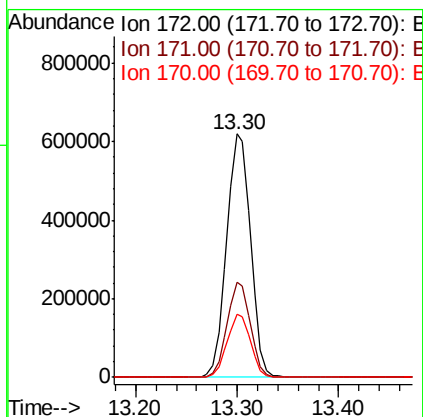
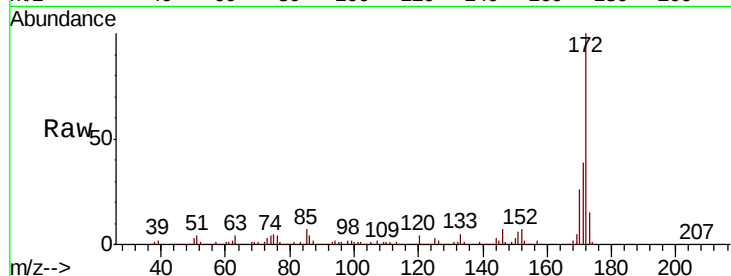




#44
2-Fluorobiphenyl
Concen: 93.112 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036669.D
Acq: 11 Sep 2018 23:22

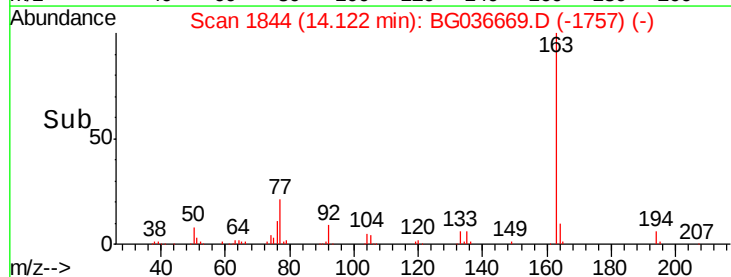
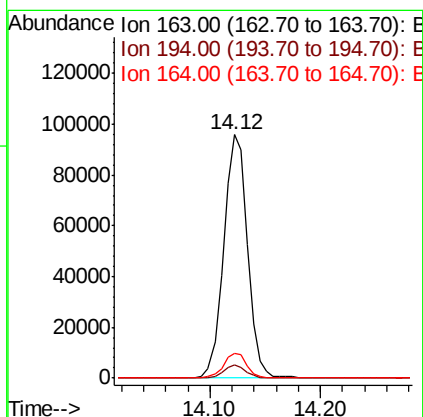
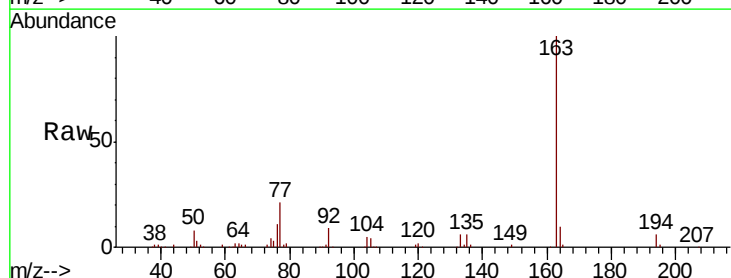
Instrument :
BNA_G
ClientSampleId :

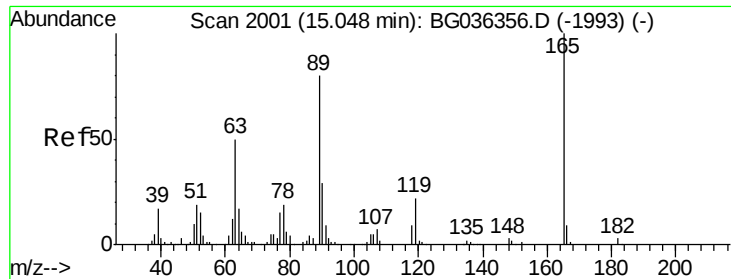
Tot Ion:172 Resp: 1015962
Ion Ratio Lower Upper
172 100
171 39.2 31.3 46.9
170 25.9 21.0 31.6



#49
Dimethylphthalate
Concen: 11.330 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036669.D
Acq: 11 Sep 2018 23:22

Tgt Ion:163 Resp: 144137
Ion Ratio Lower Upper
163 100
194 5.5 4.0 6.0
164 10.2 8.1 12.1

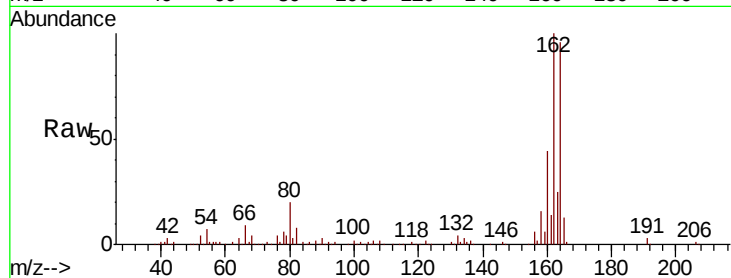




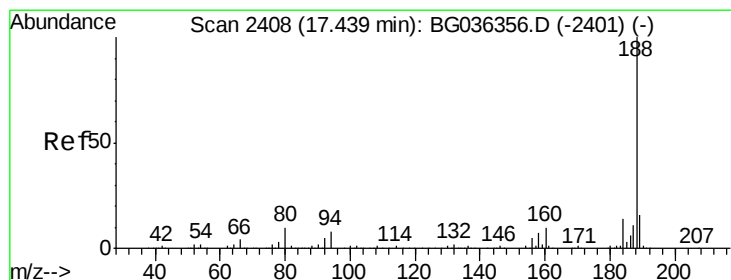
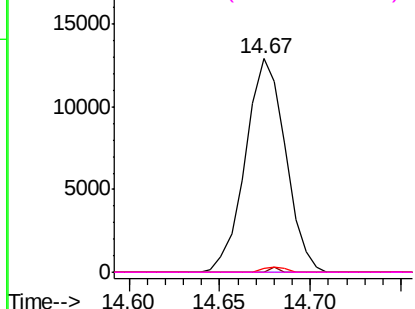
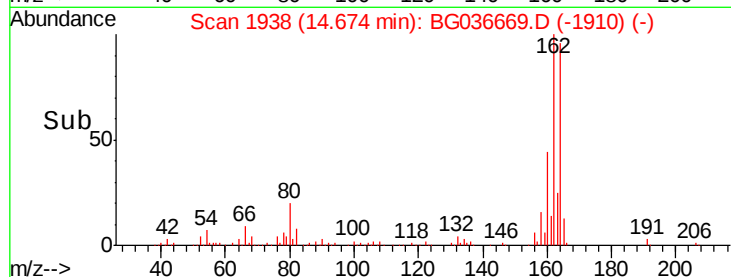
#56
 2,4-Dinitrotoluene
 Concen: 5.805 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036669.D
 Acq: 11 Sep 2018 23:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#

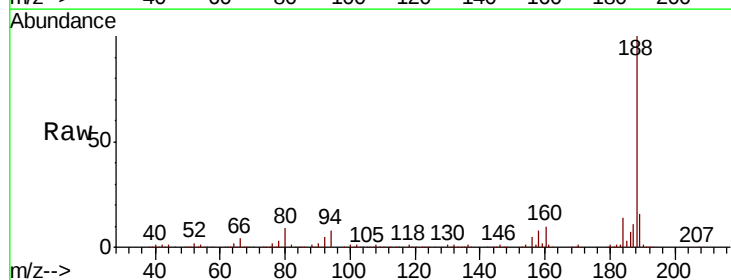


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

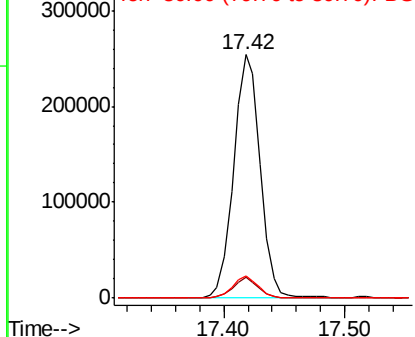
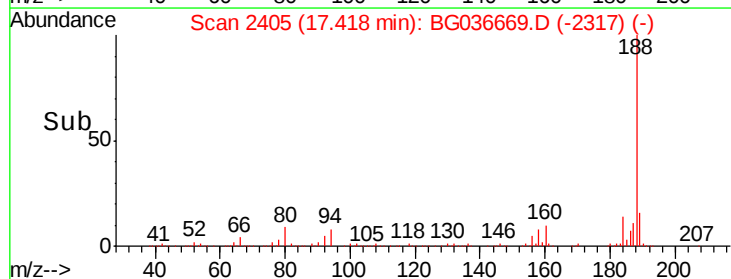


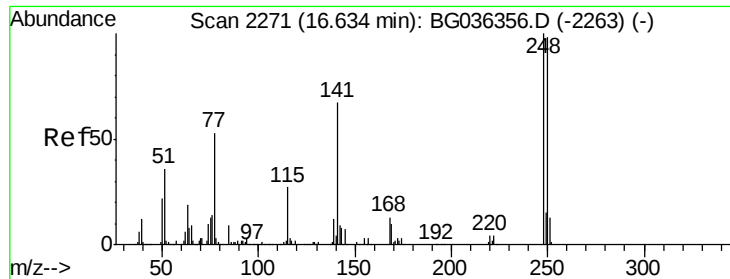
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036669.D
 Acq: 11 Sep 2018 23:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	9.0	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

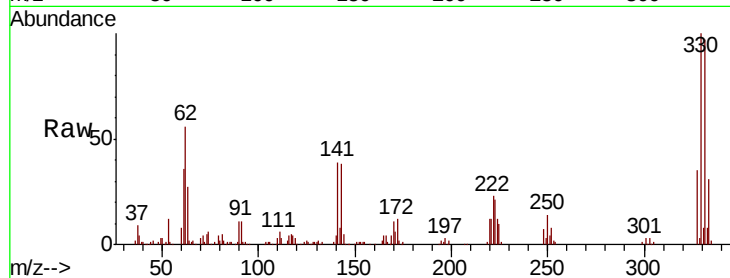




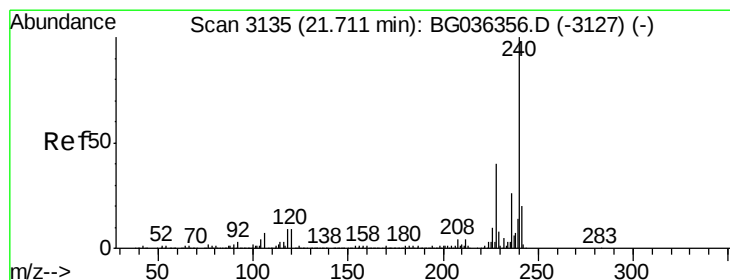
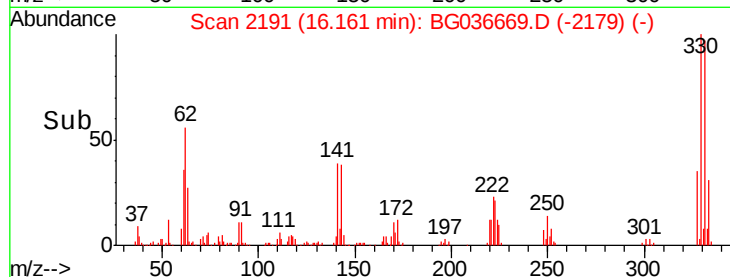
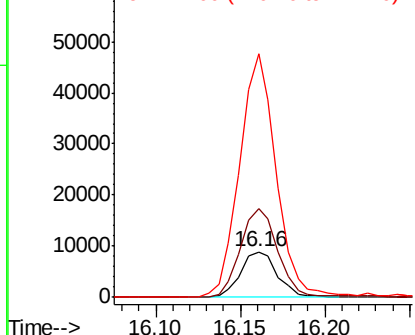
#66
4-Bromophenyl-phenylether
Concen: 3.017 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036669.D
Acq: 11 Sep 2018 23:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 13699
Ion Ratio Lower Upper
248 100
250 194.0 78.1 117.1#
141 531.3 53.7 80.5#

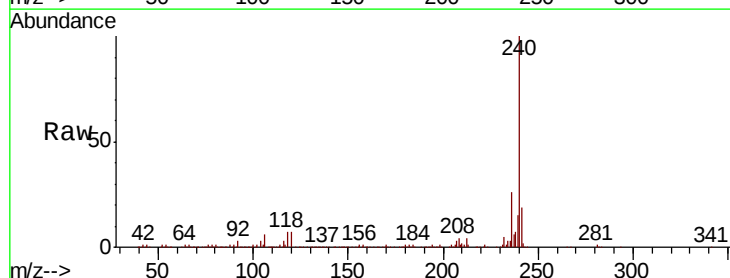


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

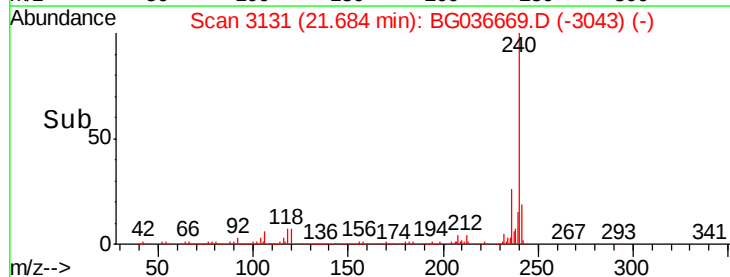
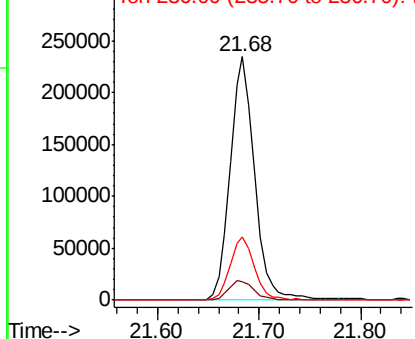


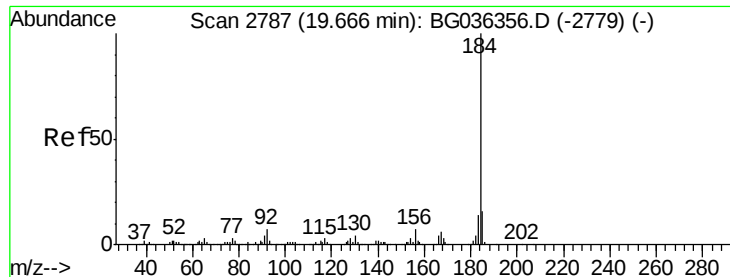
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036669.D
Acq: 11 Sep 2018 23:22

Tgt Ion:240 Resp: 393448
Ion Ratio Lower Upper
240 100
120 7.4 6.9 10.3
236 25.8 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: 2.142 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036669.D

Acq: 11 Sep 2018 23:22

Instrument :

BNA_G

ClientSampleId :

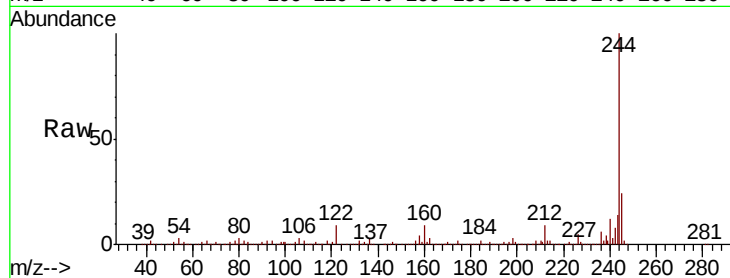
Tot Ion:184 Resp: 26884

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

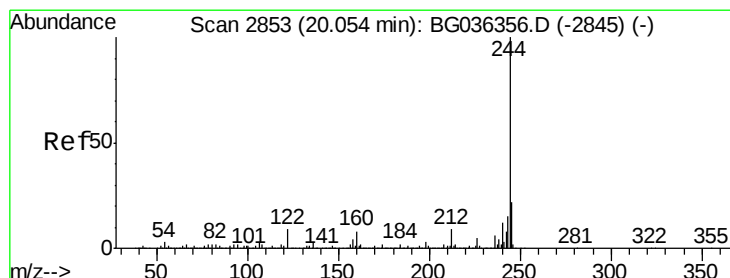
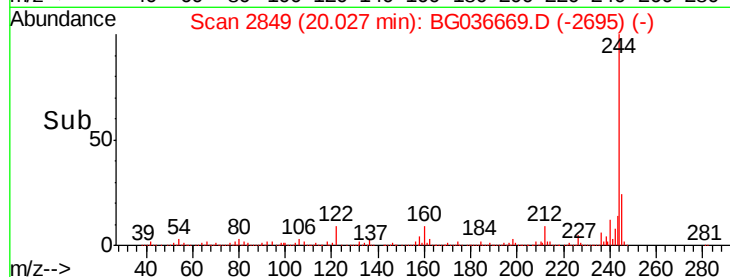
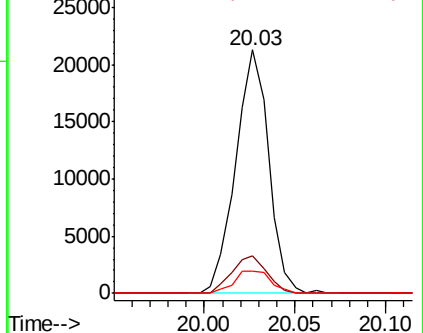
183 9.1 10.9 16.3#



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: 91.909 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036669.D

Acq: 11 Sep 2018 23:22

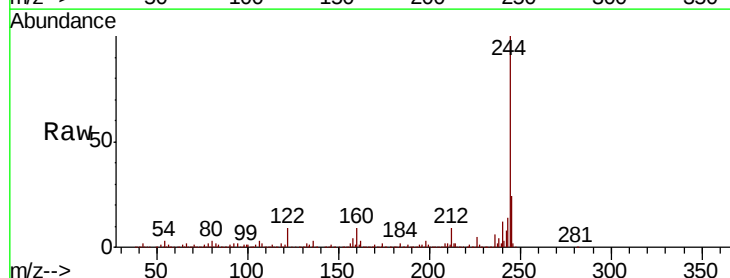
Tgt Ion:244 Resp: 1547124

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

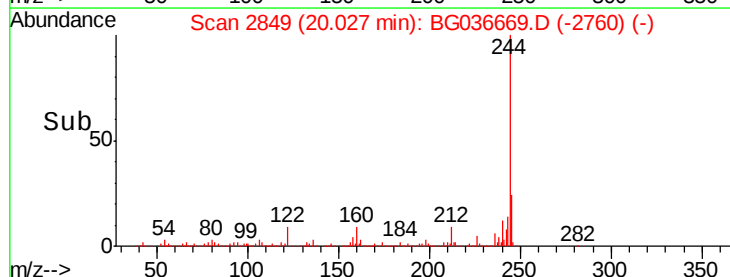
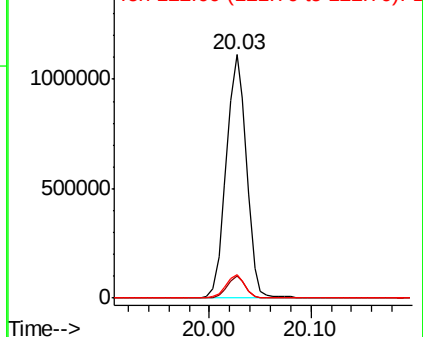
122 9.5 7.1 10.7

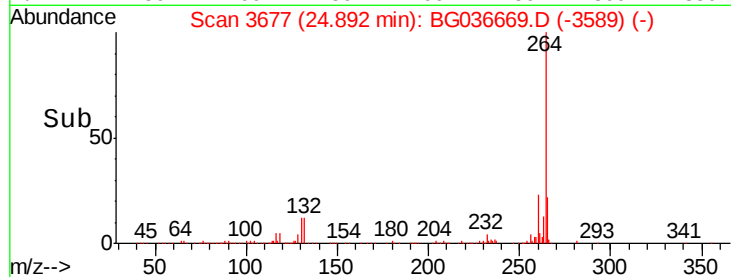
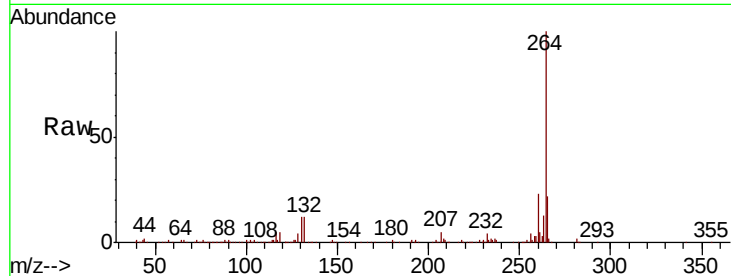
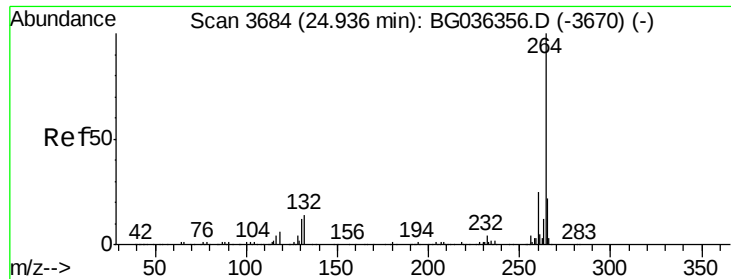


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036669.D

Acq: 11 Sep 2018 23:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 376417

Ion Ratio Lower Upper

264 100

260 22.9 19.6 29.4

265 21.8 17.4 26.0

