

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
 Data File : BG036663.D
 Acq On : 11 Sep 2018 19:29
 Operator : JU/SJ
 Sample : J4841-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:04:07 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

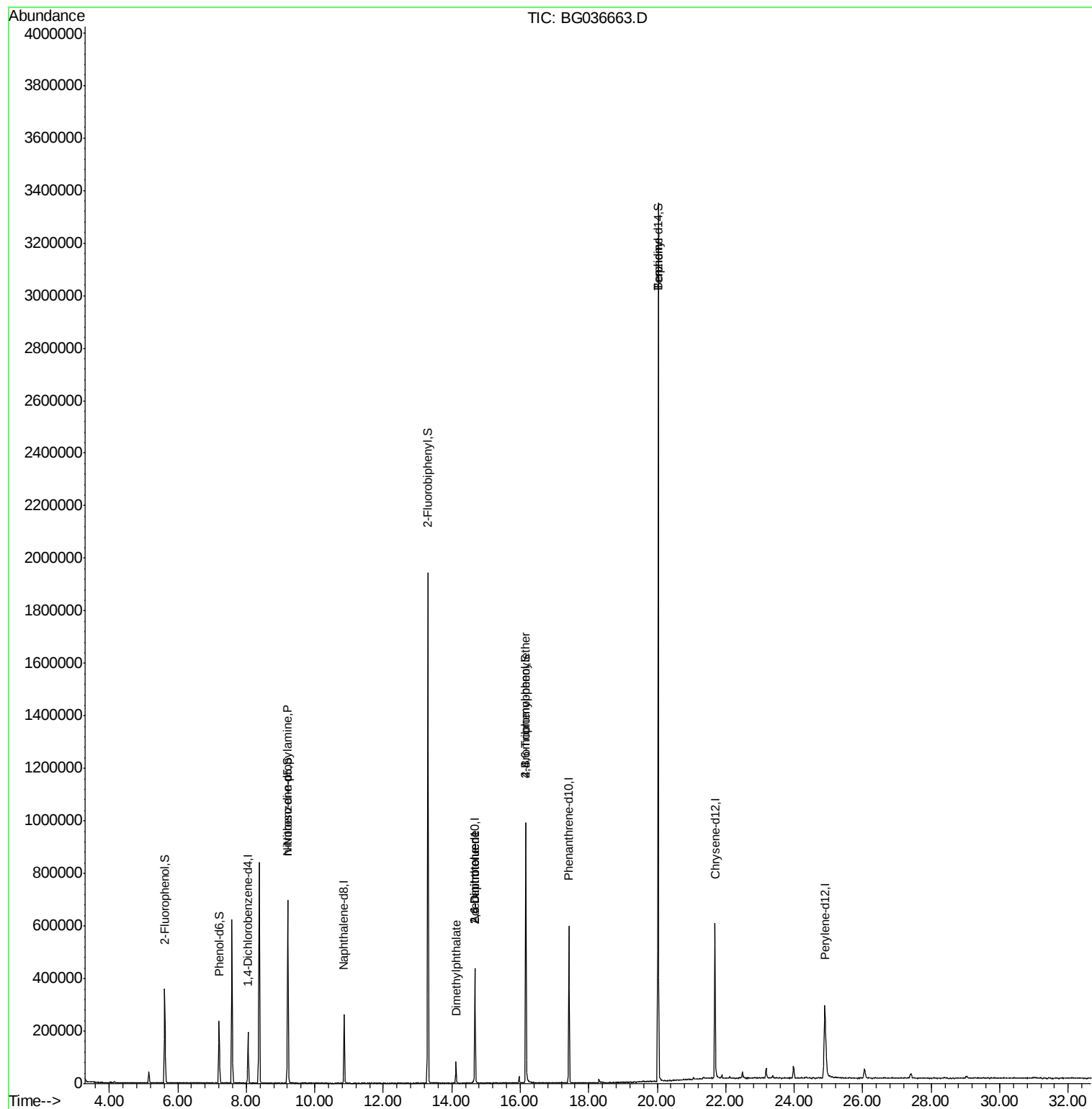
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53369	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	224611	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	149933	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	385605	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	393451	20.00	ng	-0.01
86) Perylene-d12	24.89	264	355751	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	151128	44.92	ng	0.00
7) Phenol-d6	7.21	99	138138	28.68	ng	-0.01
23) Nitrobenzene-d5	9.22	82	435277	105.14	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	185343	103.60	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1017297	96.88	ng	0.00
78) Terphenyl-d14	20.03	244	1568451	93.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	58664	16.295	ng	Qvalue # 67
49) Dimethylphthalate	14.12	163	58467	4.776	ng	97
50) 2,6-Dinitrotoluene	14.67	165	19030	7.554	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	19030	5.796	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	13382	2.964	ng	# 1
76) Benzidine	20.03	184	27657	2.203	ng	# 89

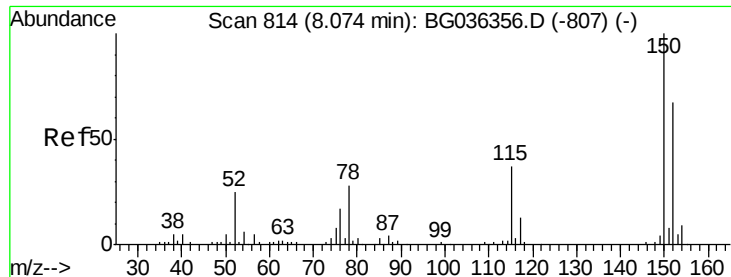
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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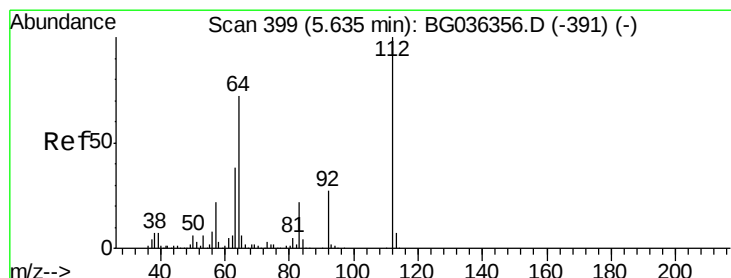
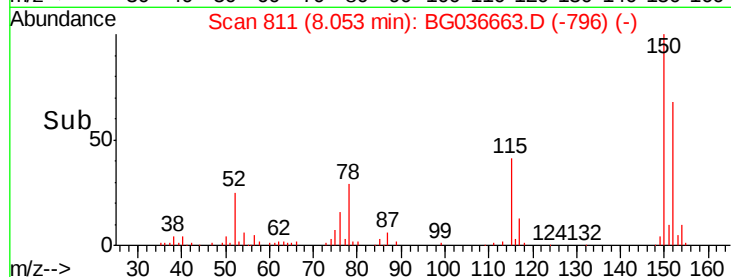
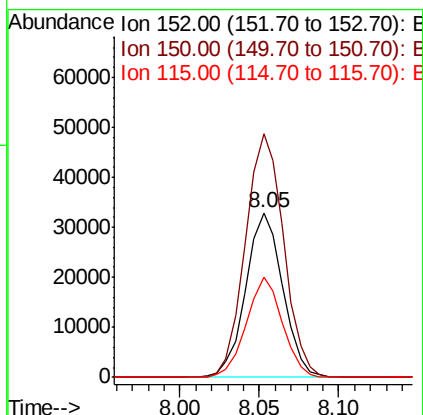
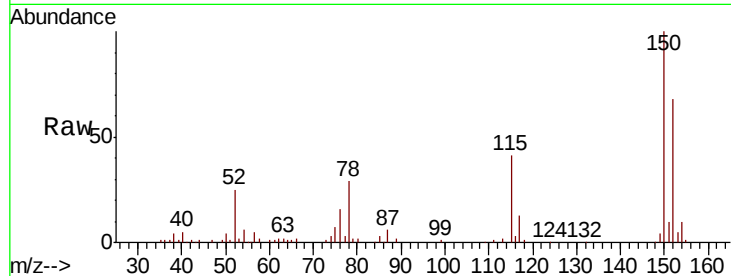


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

Instrument :
BNA_G
ClientSampleId :

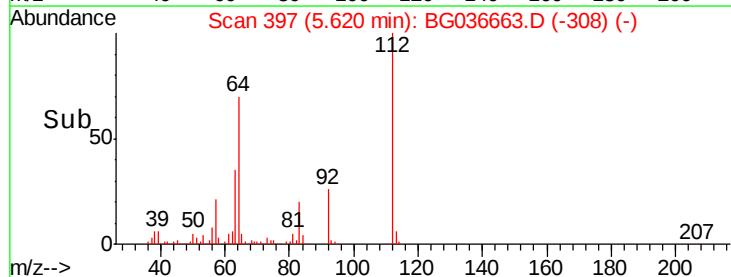
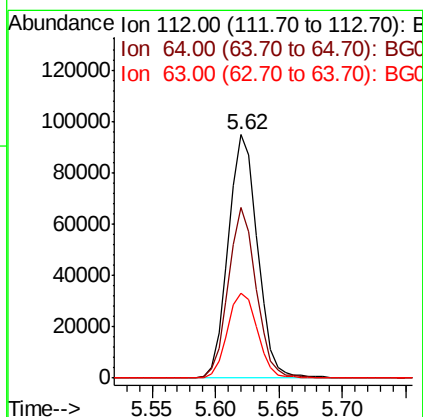
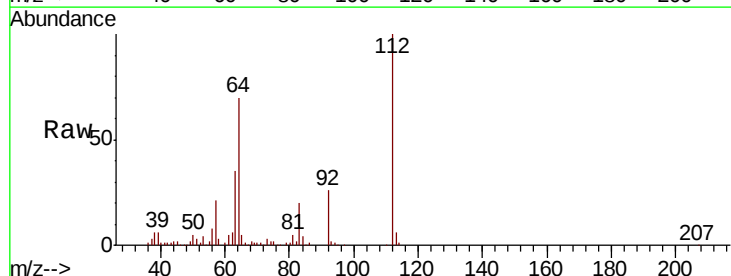
Tot Ion:152 Resp: 53369
Ion Ratio Lower Upper
152 100
150 148.0 119.5 179.3
115 60.6 44.5 66.7

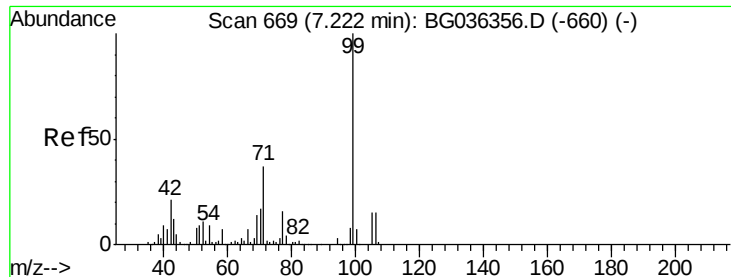


#5

2-Fluorophenol
Concen: 44.920 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

Tgt Ion:112 Resp: 151128
Ion Ratio Lower Upper
112 100
64 70.0 57.2 85.8
63 35.0 30.8 46.2





#7

Phenol-d6

Concen: 28.677 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036663.D

Acq: 11 Sep 2018 19:29

Instrument :

BNA_G

ClientSampled :

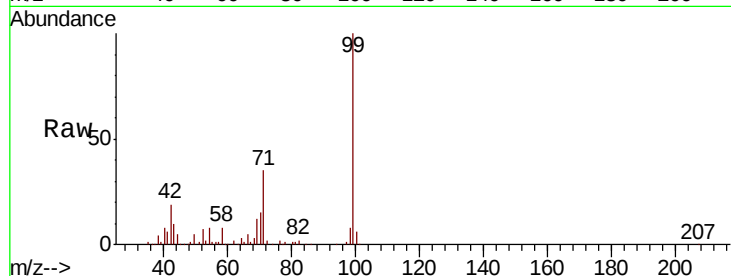
Tot Ion: 99 Resp: 138138

Ion Ratio Lower Upper

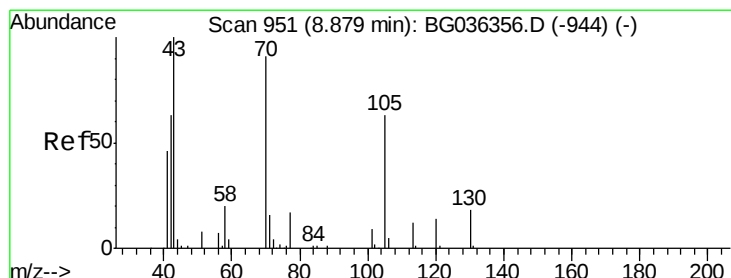
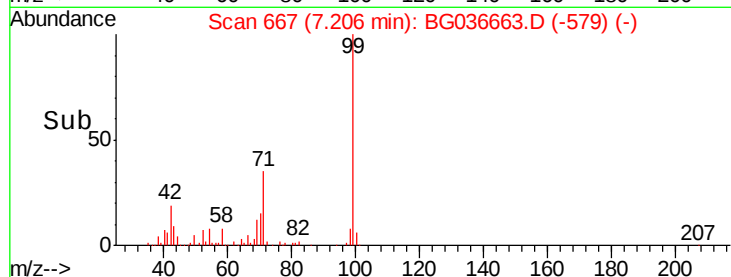
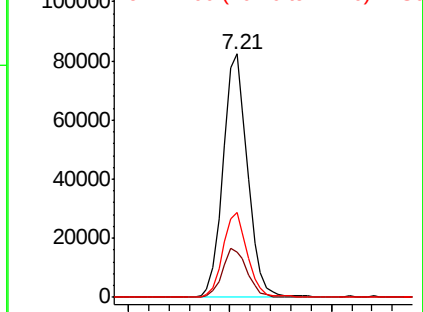
99 100

42 18.5 16.5 24.7

71 34.7 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: 16.295 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036663.D

Acq: 11 Sep 2018 19:29

Tgt Ion: 70 Resp: 58664

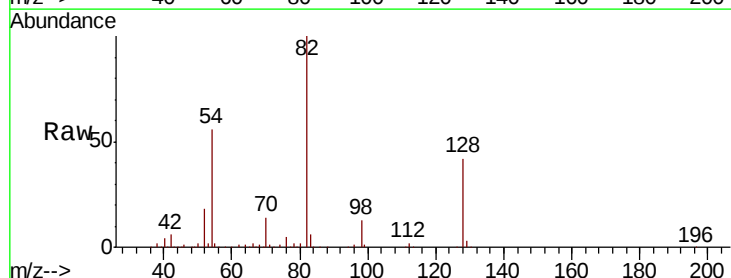
Ion Ratio Lower Upper

70 100

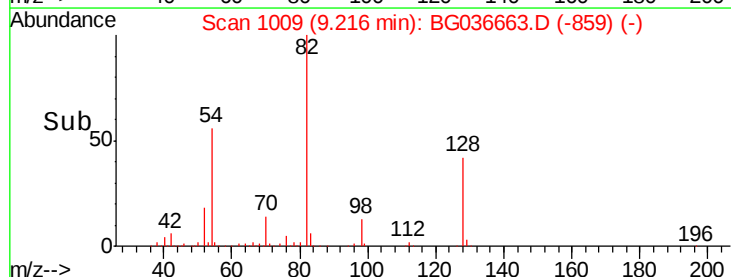
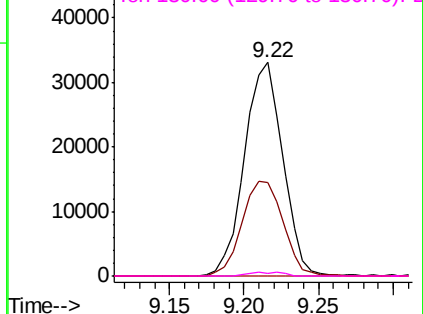
42 43.7 56.2 84.4#

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

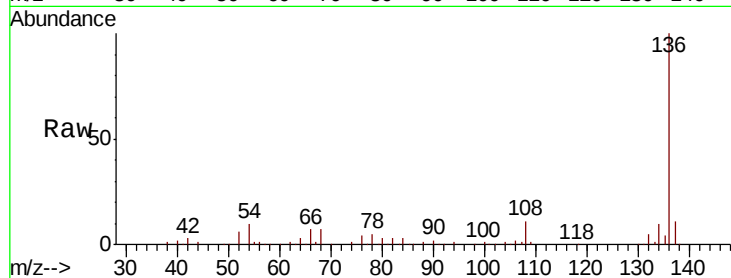




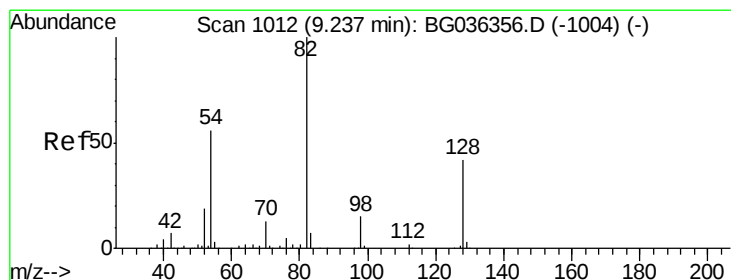
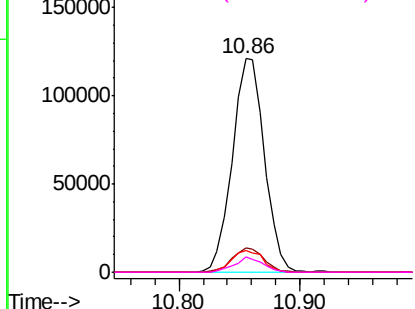
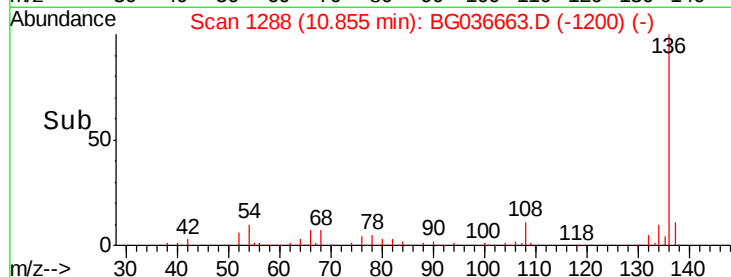
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	224611
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	10.4	9.2 13.8
68	7.5	5.8 8.6

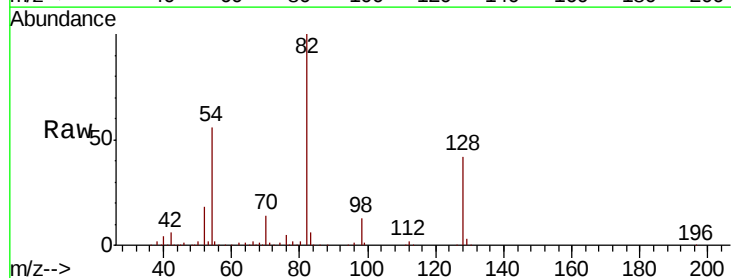


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

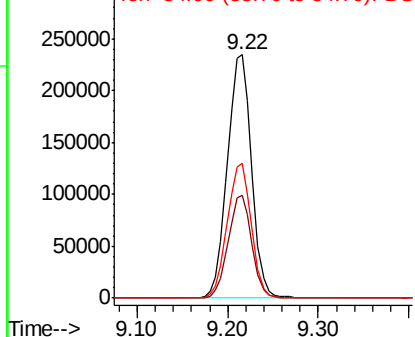
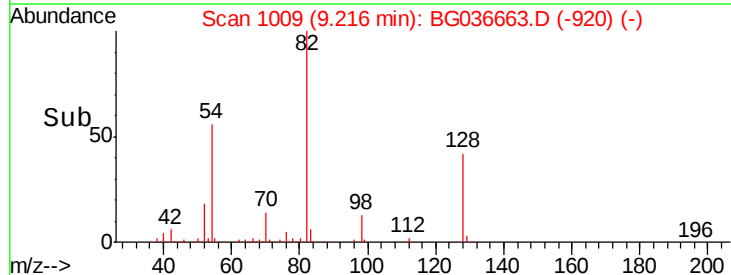


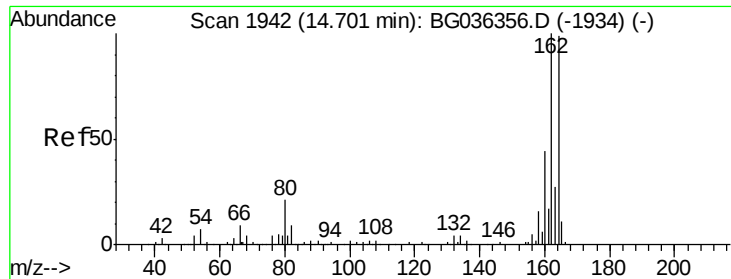
#23
Nitrobenzene-d5
Concen: 105.145 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

Tgt Ion: 82	Resp:	435277
Ion Ratio	Lower	Upper
82	100	
128	42.2	33.3 49.9
54	55.6	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

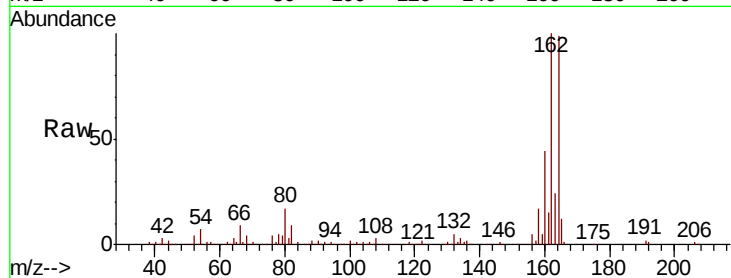




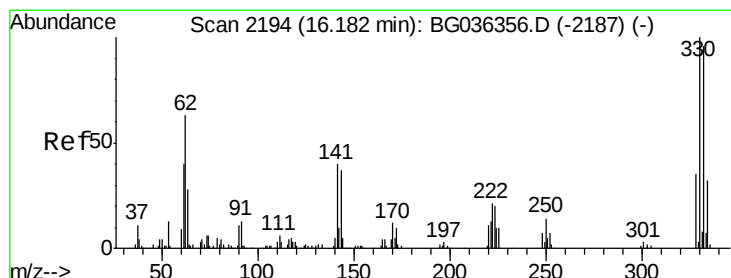
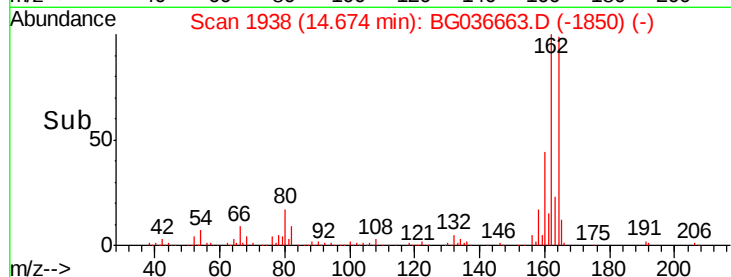
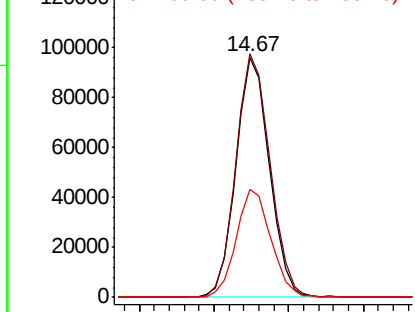
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036663.D
 Acq: 11 Sep 2018 19:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 149933
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.7 121.1
 160 44.9 35.3 52.9

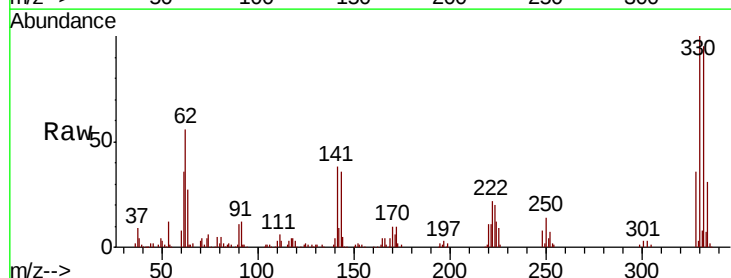


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

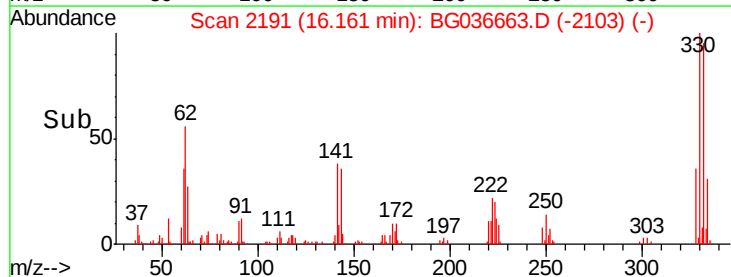
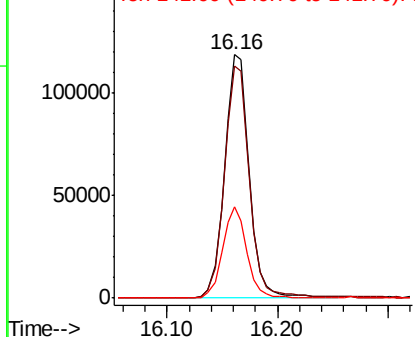


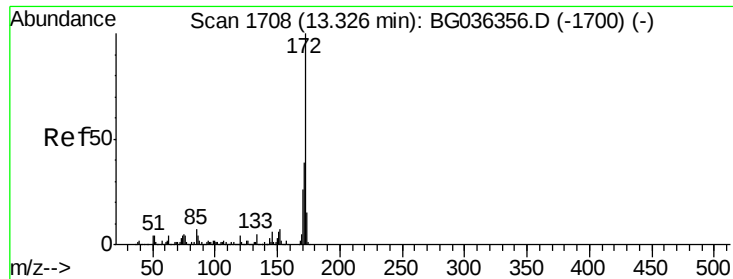
#41
 2,4,6-Tribromophenol
 Concen: 103.599 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036663.D
 Acq: 11 Sep 2018 19:29

Tgt Ion:330 Resp: 185343
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.4 113.2
 141 36.6 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

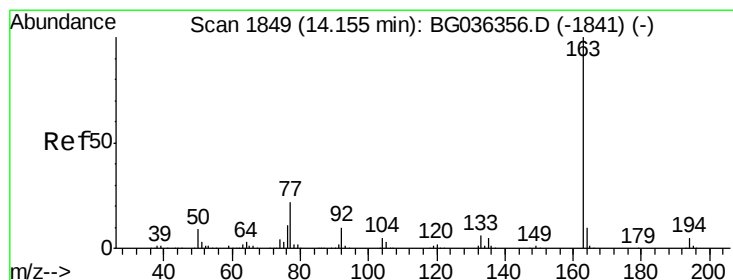
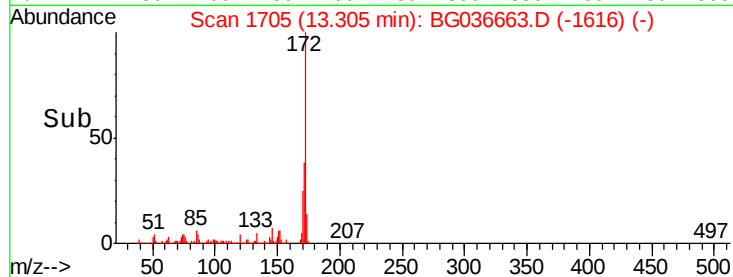
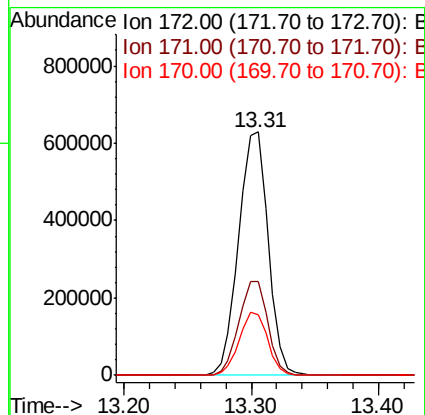
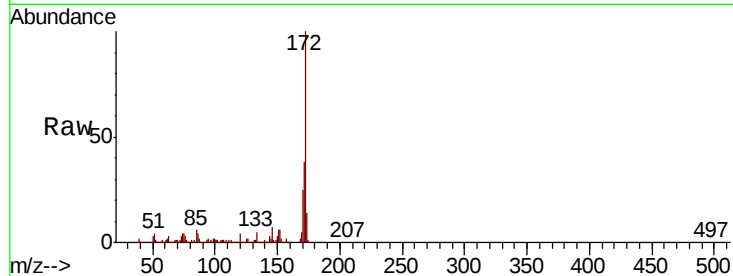




#44
2-Fluorobiphenyl
Concen: 96.878 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

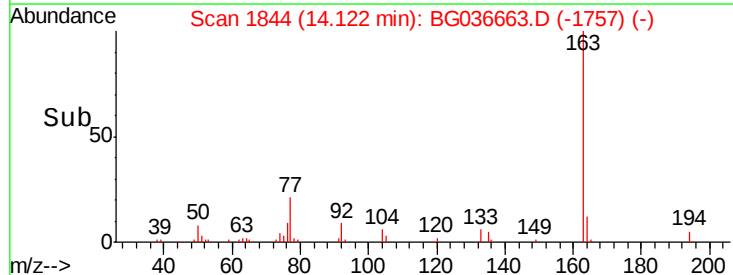
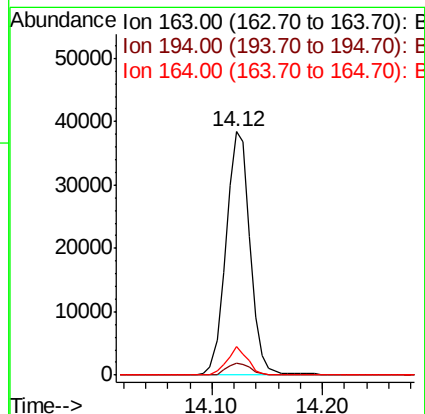
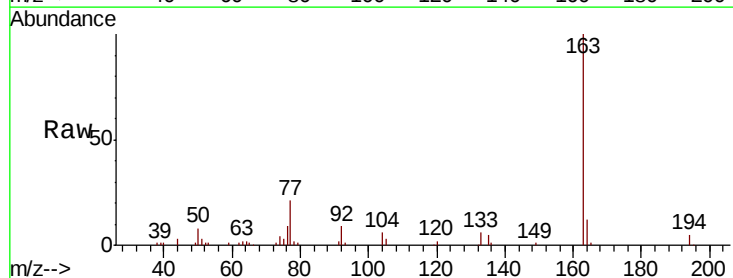
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1017297
Ion Ratio Lower Upper
172 100
171 38.4 31.3 46.9
170 25.1 21.0 31.6



#49
Dimethylphthalate
Concen: 4.776 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

Tgt Ion:163 Resp: 58467
Ion Ratio Lower Upper
163 100
194 5.1 4.0 6.0
164 11.9 8.1 12.1

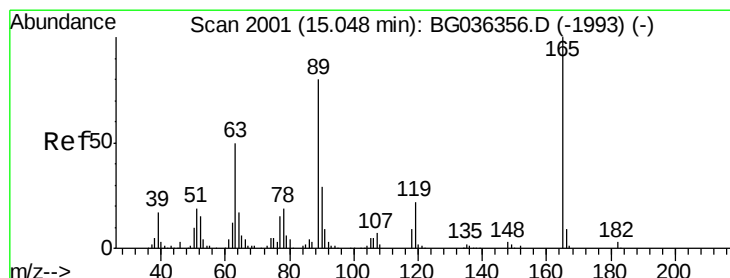
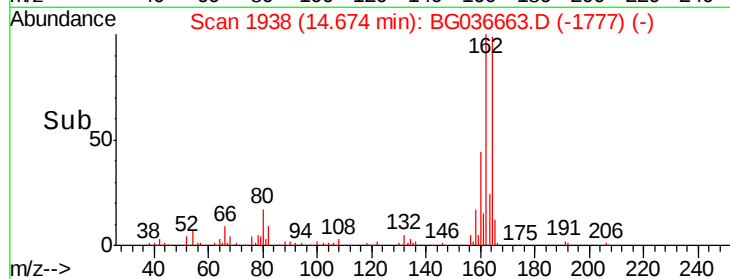
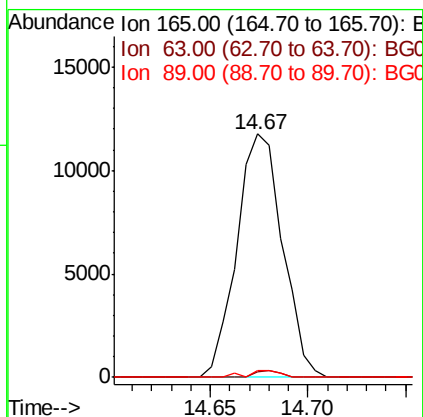
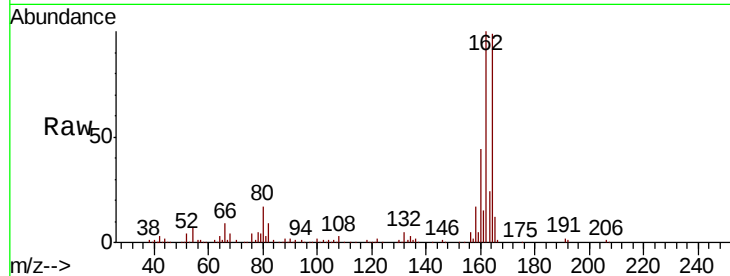




#50
2,6-Dinitrotoluene
Concen: 7.554 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

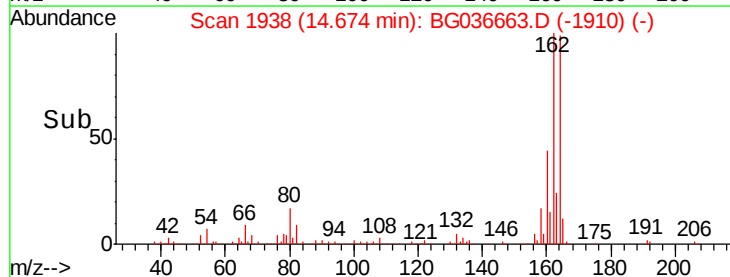
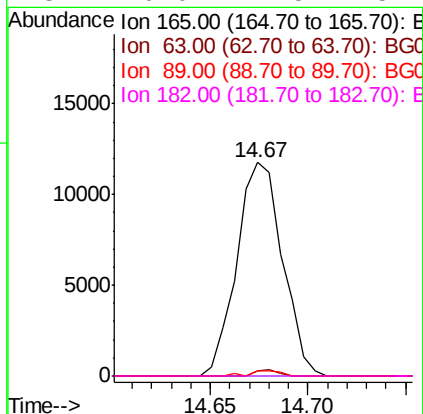
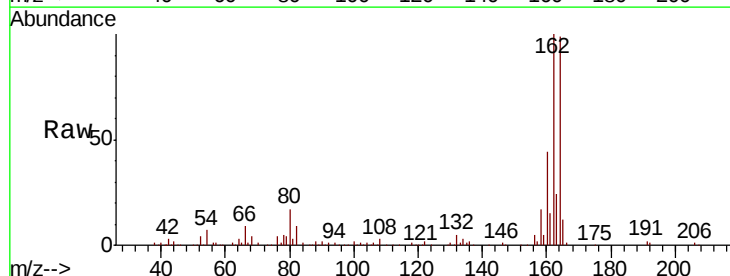
Instrument :
BNA_G
ClientSampleId :

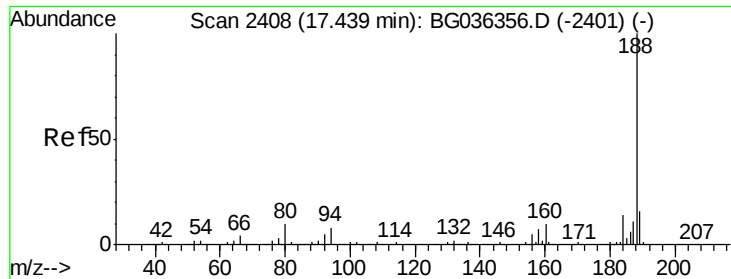
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	50.1	75.1#
89	2.7	47.8	71.6#



#56
2,4-Dinitrotoluene
Concen: 5.796 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.1	60.1#
89	2.7	63.7	95.5#
182	0.0	2.5	3.7#

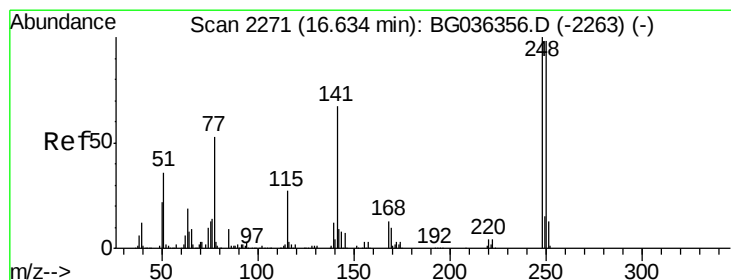
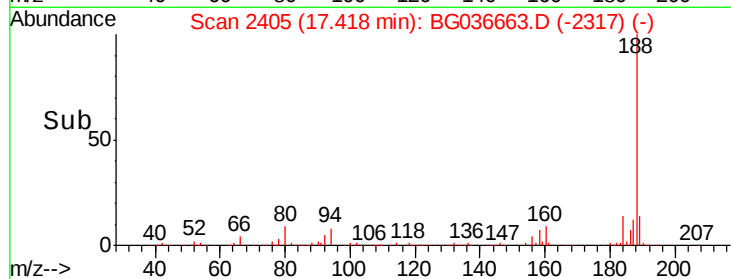
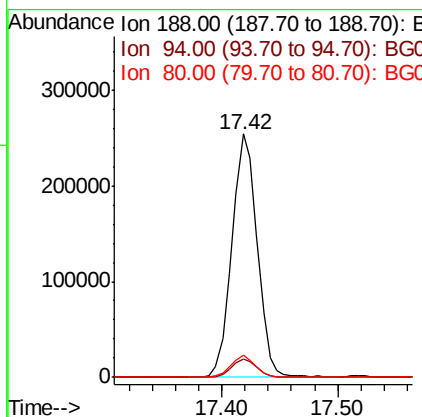
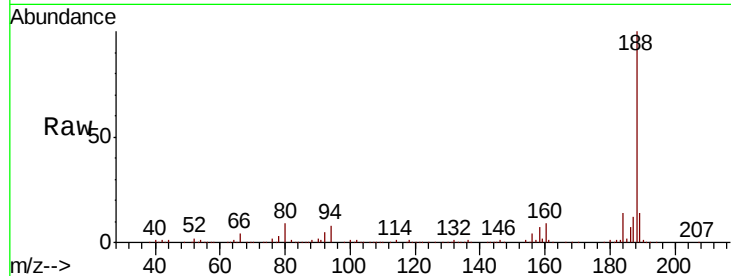




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

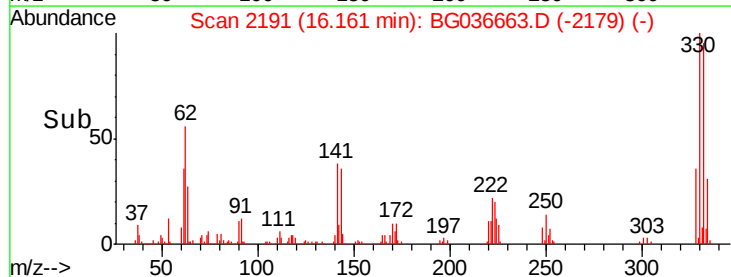
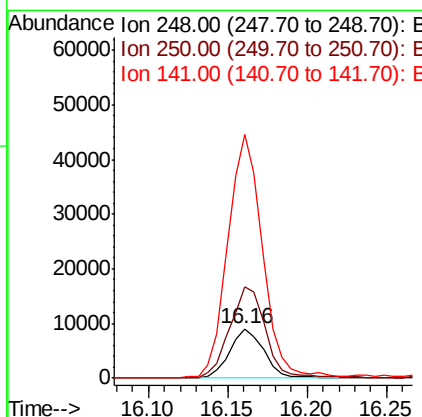
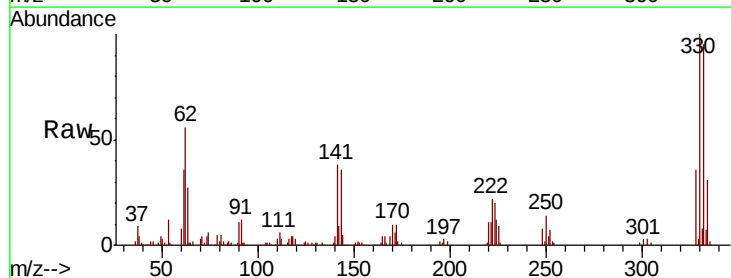
Instrument :
BNA_G
ClientSampleId :

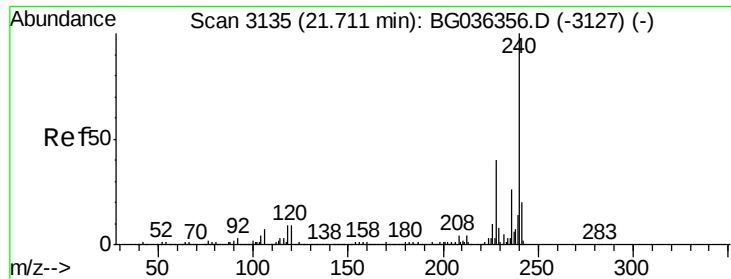
Tot Ion:188 Resp: 385605
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 9.1 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 2.964 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036663.D
Acq: 11 Sep 2018 19:29

Tgt Ion:248 Resp: 13382
Ion Ratio Lower Upper
248 100
250 184.0 78.1 117.1#
141 494.1 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036663.D

Acq: 11 Sep 2018 19:29

Instrument :

BNA_G

ClientSampleId :

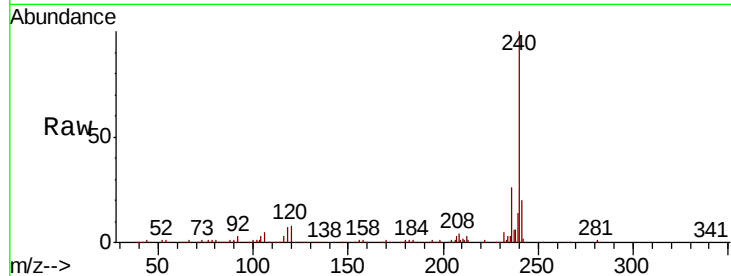
Tot Ion:240 Resp: 393451

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

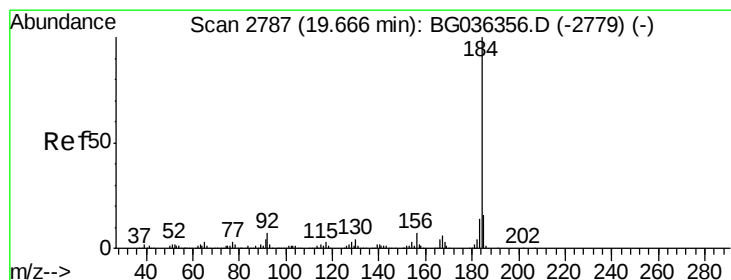
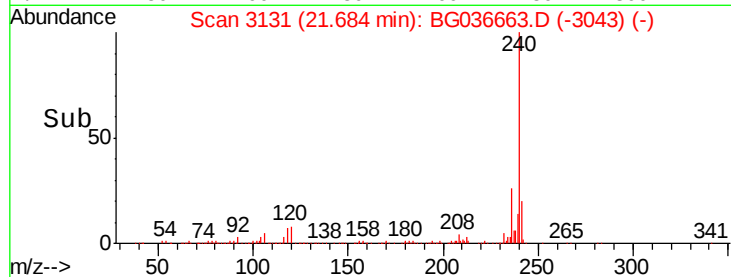
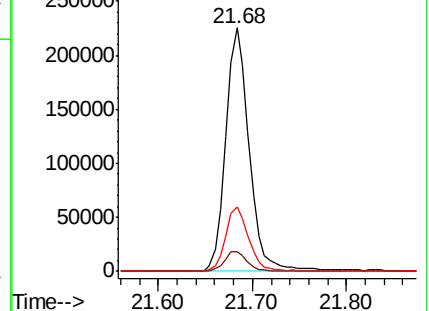
236 26.4 21.2 31.8



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: 2.203 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036663.D

Acq: 11 Sep 2018 19:29

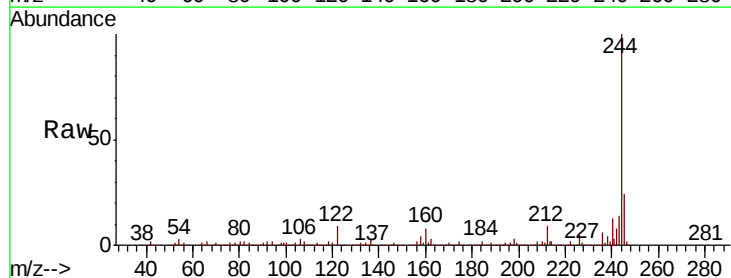
Tgt Ion:184 Resp: 27657

Ion Ratio Lower Upper

184 100

185 20.9 12.6 18.8#

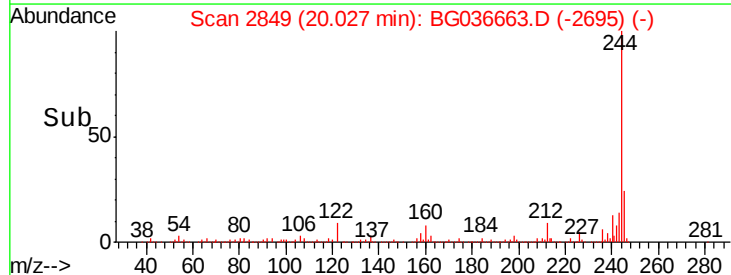
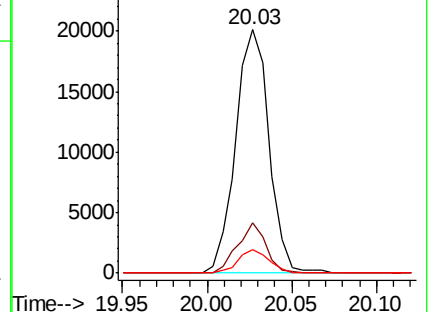
183 9.5 10.9 16.3#

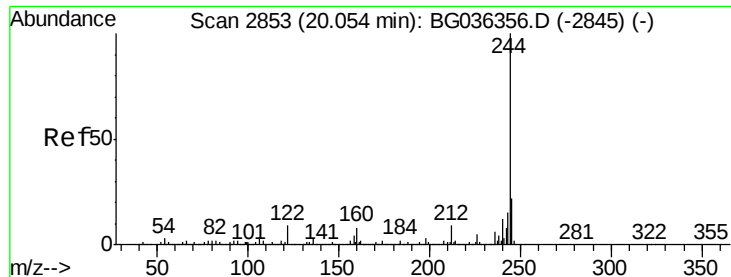


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 93.176 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036663.D

Acq: 11 Sep 2018 19:29

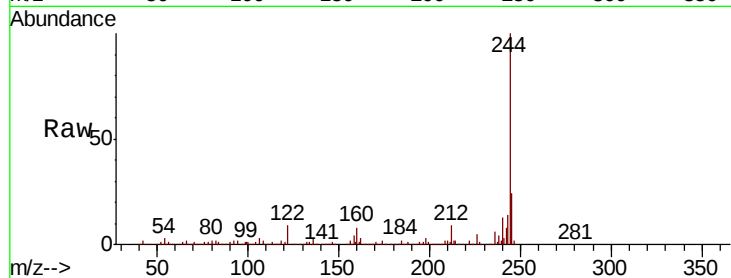
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1568451

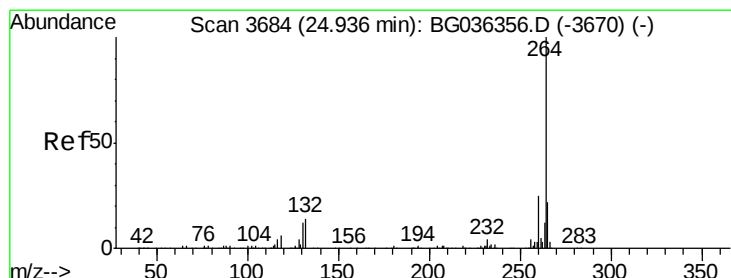
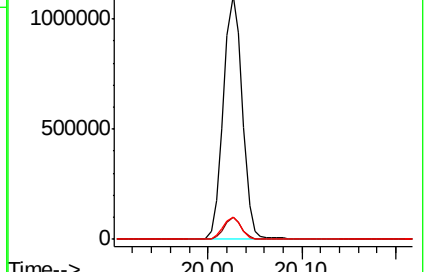
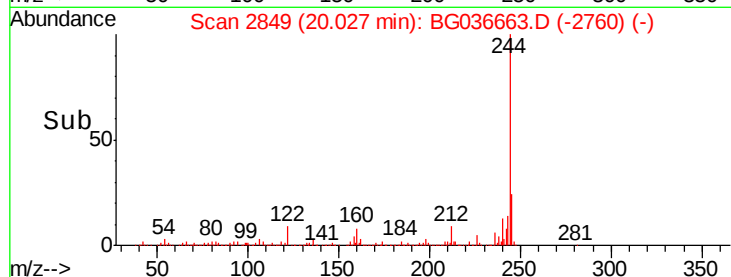
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	9.3	7.1	10.7



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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: 24.89 min Scan# 3677

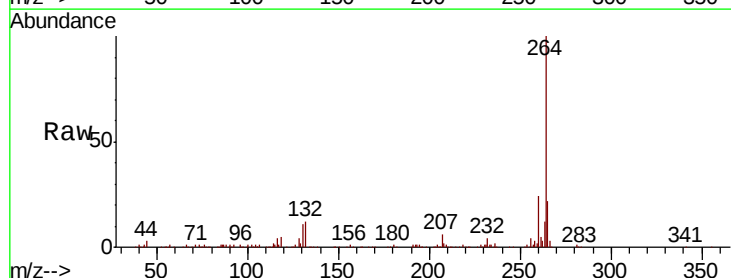
Delta R.T. -0.01 min

Lab File: BG036663.D

Acq: 11 Sep 2018 19:29

Tgt Ion:264 Resp: 355751

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.2	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

