

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036891.D
 Acq On : 22 Sep 2018 12:56
 Operator : JU/SJ
 Sample : J5019-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 24 03:54:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

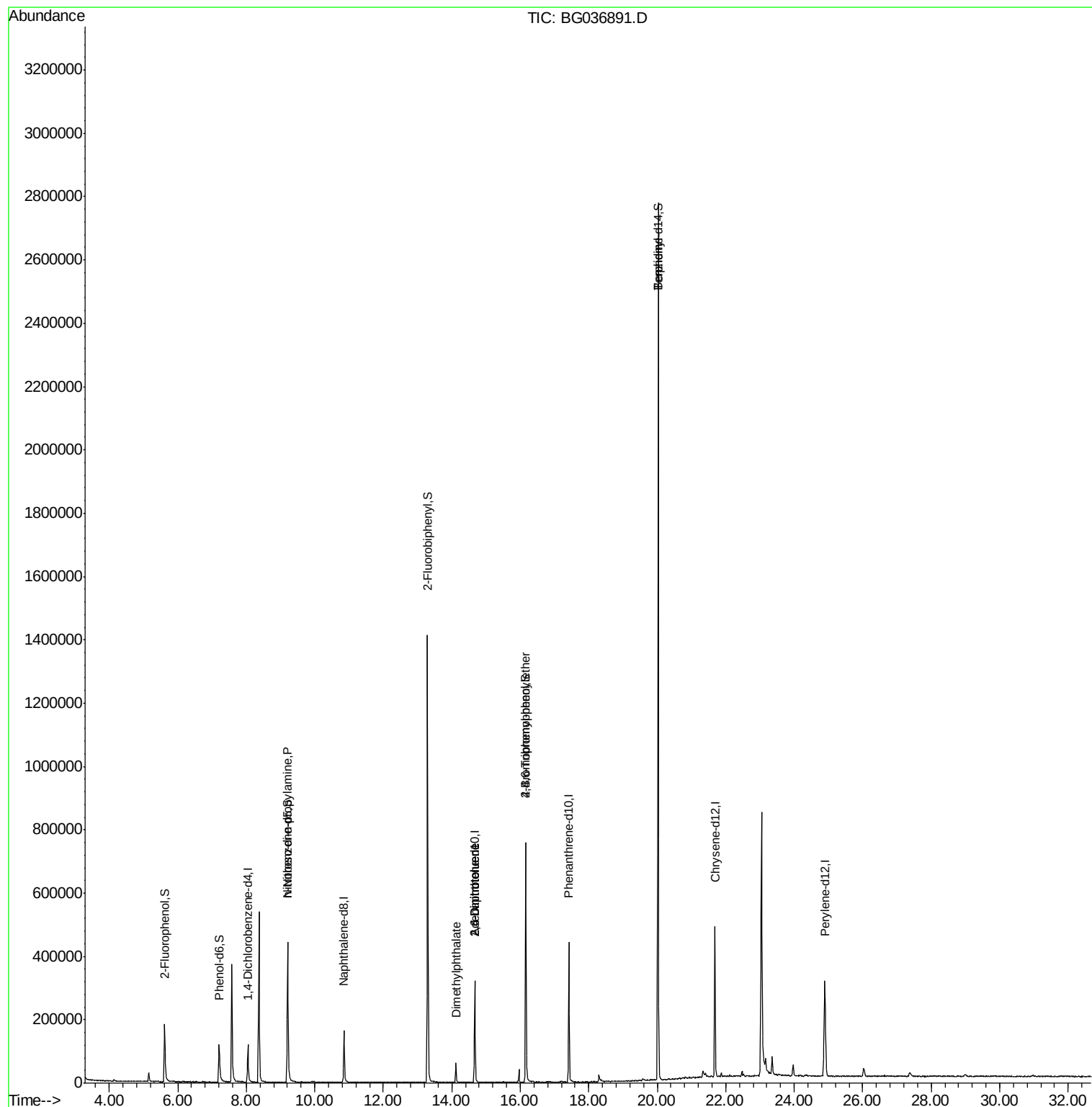
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	37760	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	159768	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	114177	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	295760	20.00	ng	0.00
75) Chrysene-d12	21.68	240	311095	20.00	ng	0.00
86) Perylene-d12	24.89	264	315344	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	98031	49.79	ng	0.00
7) Phenol-d6	7.21	99	90791	29.80	ng	0.00
23) Nitrobenzene-d5	9.21	82	322125	107.97	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	155748	114.01	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	790260	103.09	ng	0.00
78) Terphenyl-d14	20.03	244	1366669	115.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	42259	16.676	ng	# 72
49) Dimethylphthalate	14.12	163	47769	5.198	ng	# 99
50) 2,6-Dinitrotoluene	14.67	165	14890	7.426	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	14890	5.322	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	10913	3.244	ng	# 1
76) Benzidine	20.03	184	23993	2.551	ng	# 95

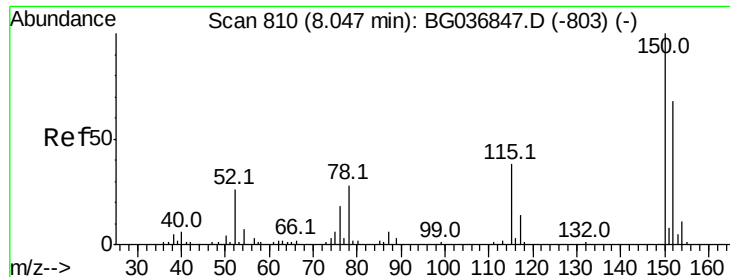
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036891.D
Acq On : 22 Sep 2018 12:56
Operator : JU/SJ
Sample : J5019-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 24 03:54:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration



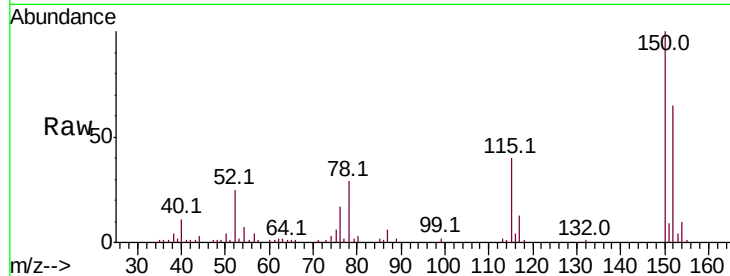


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036891.D
Acq: 22 Sep 2018 12:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	119.5	179.3
115	61.5	44.5	66.7

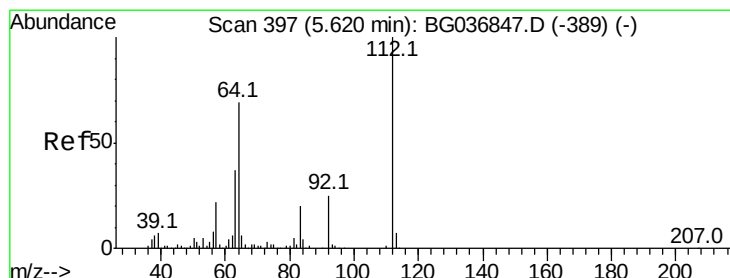
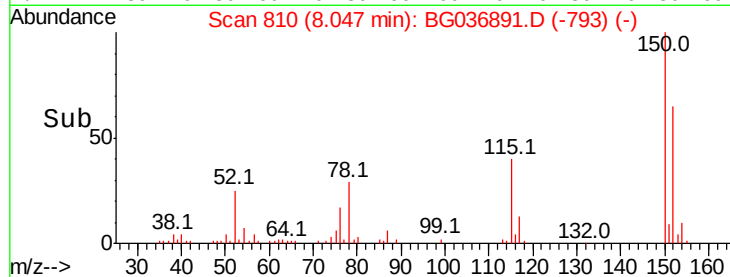
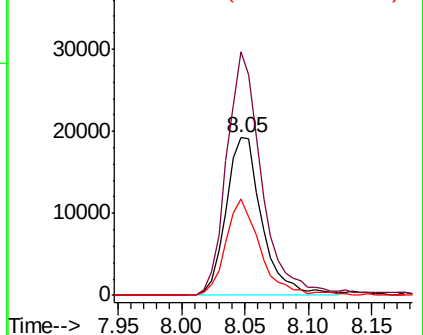


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

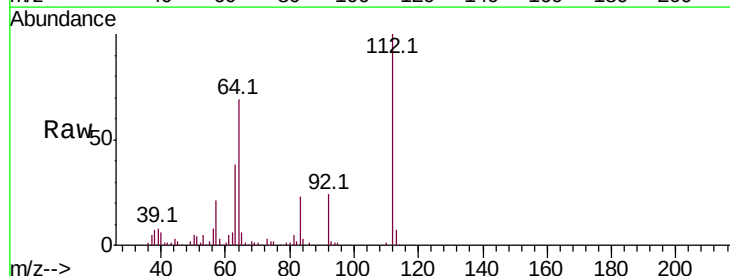
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.789 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036891.D
Acq: 22 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.2	85.8
63	37.8	30.8	46.2

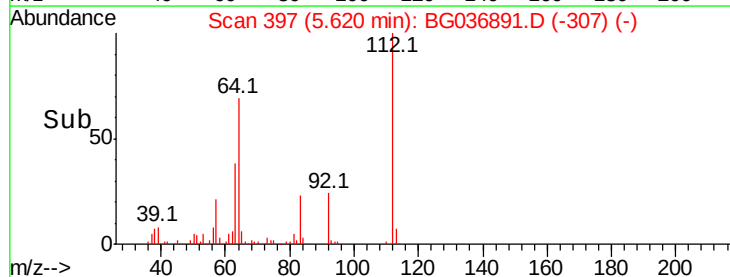
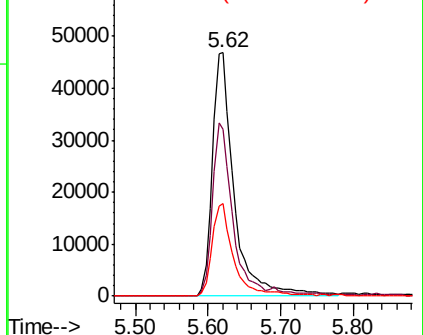


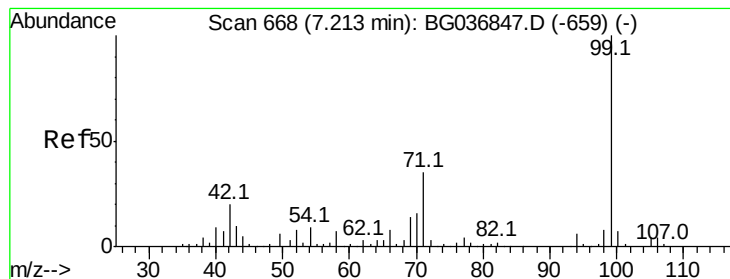
Abundance

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: 29.804 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

Instrument :

BNA_G

ClientSampled :

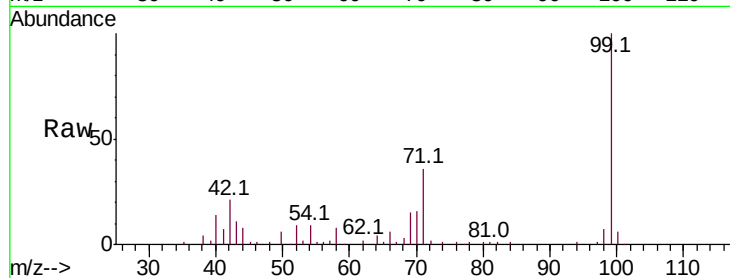
Tot Ion: 99 Resp: 90791

Ion Ratio Lower Upper

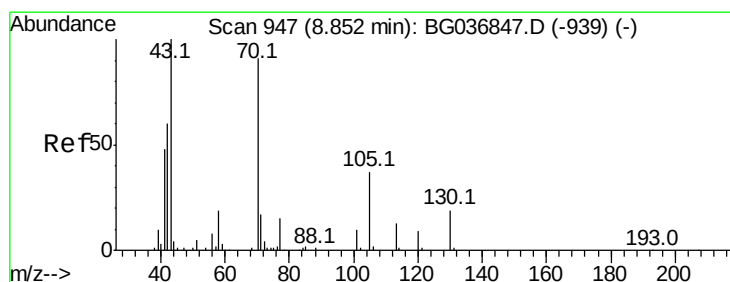
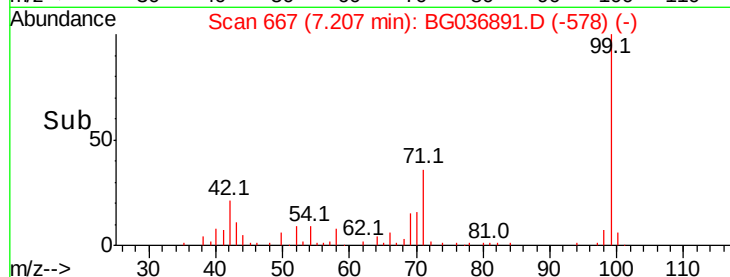
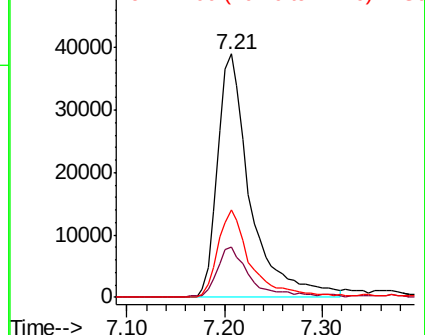
99 100

42 20.6 16.5 24.7

71 35.7 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: 16.676 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

Tgt Ion: 70 Resp: 42259

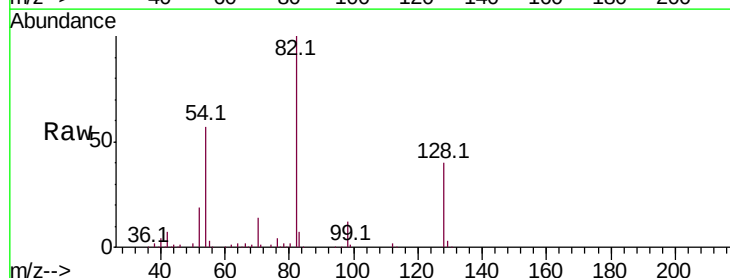
Ion Ratio Lower Upper

70 100

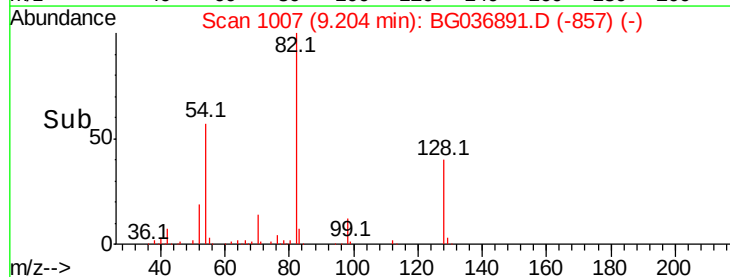
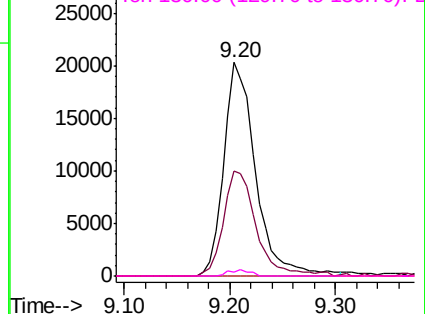
42 49.4 56.2 84.4#

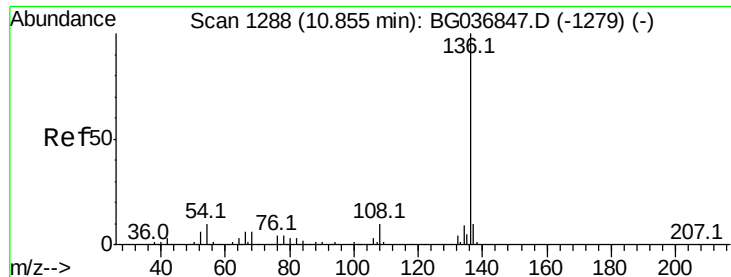
101 0.0 7.8 11.6#

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

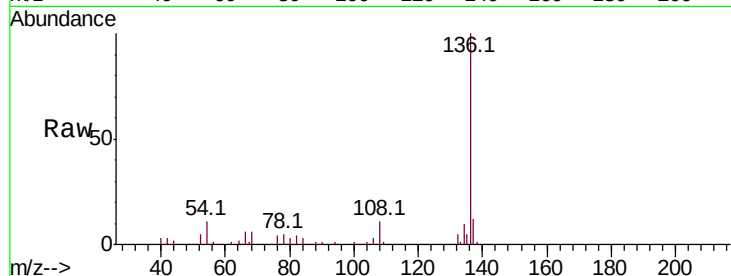




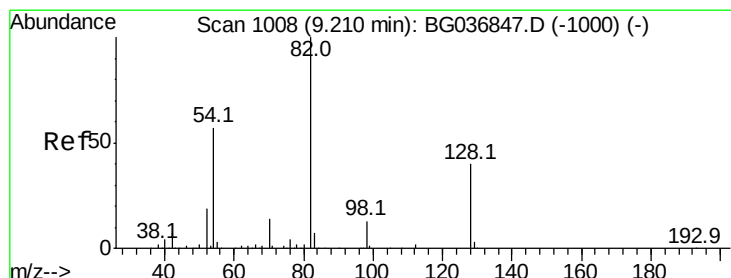
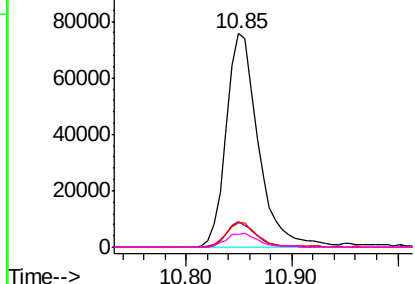
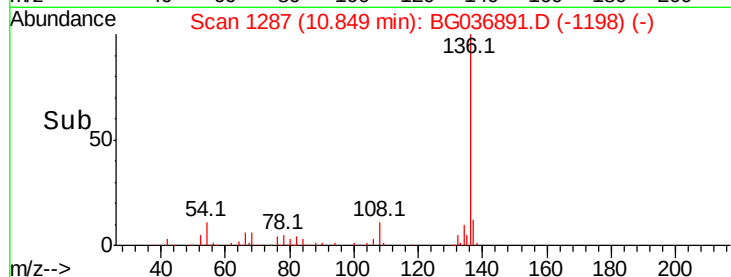
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036891.D
Acq: 22 Sep 2018 12:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	159768
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	11.5	9.2	13.8
68	6.0	5.8	8.6

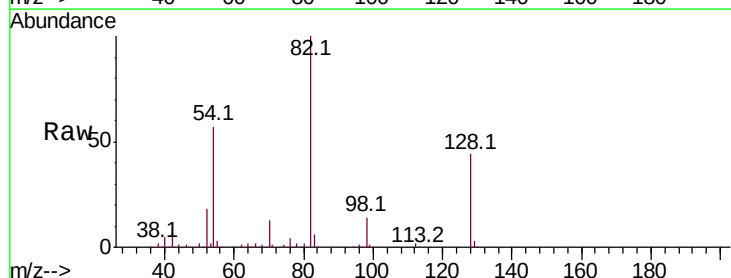


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

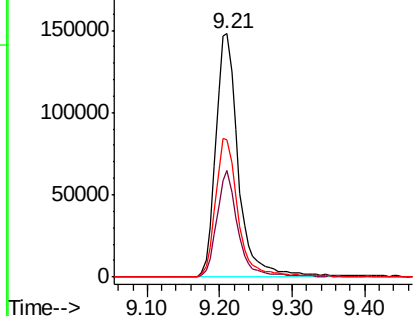
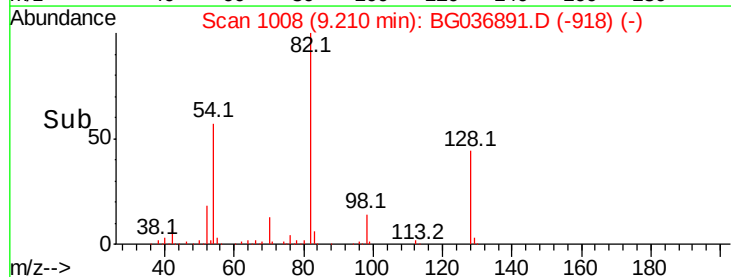


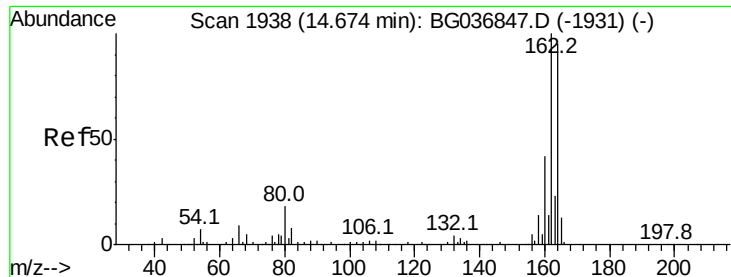
#23
Nitrobenzene-d5
Concen: 107.970 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG036891.D
Acq: 22 Sep 2018 12:56

Tgt Ion:	82	Resp:	322125
Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.3	49.9
54	56.5	45.1	67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

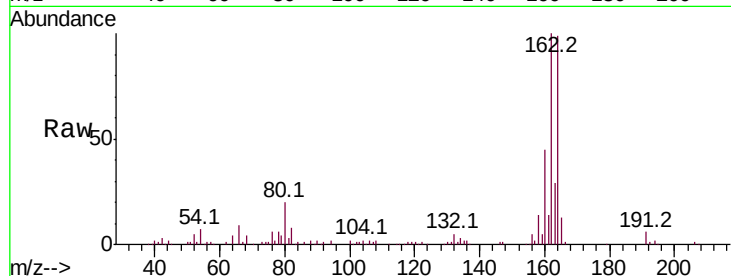
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 114177

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.7	121.1
160	45.2	35.3	52.9

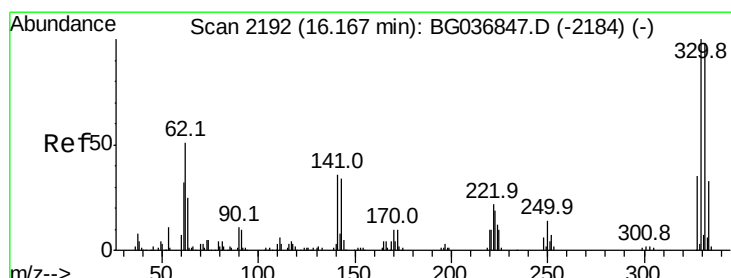
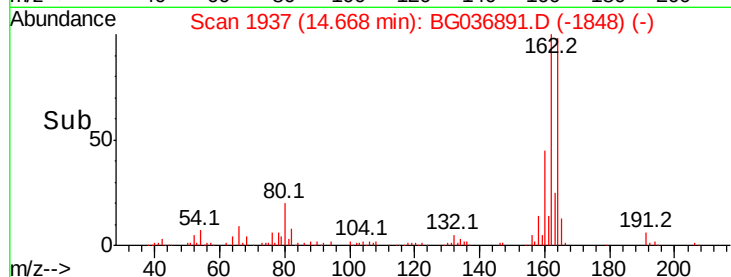
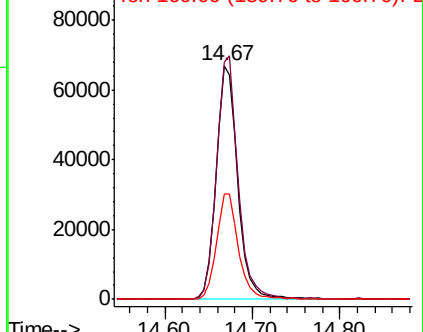


Abundance

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: 114.013 ng

RT: 16.16 min Scan# 2191

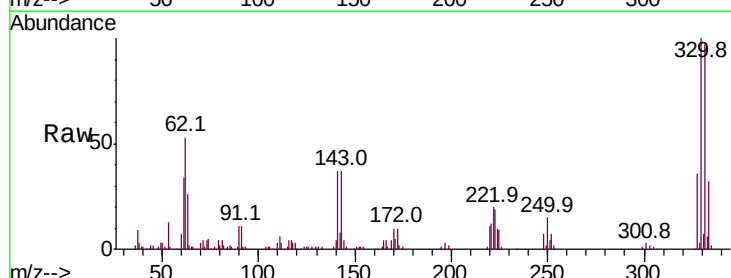
Delta R.T. -0.01 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

Tgt Ion:330 Resp: 155748

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.2
141	37.5	30.7	46.1

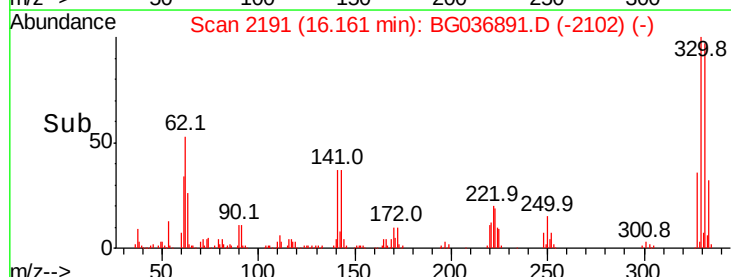
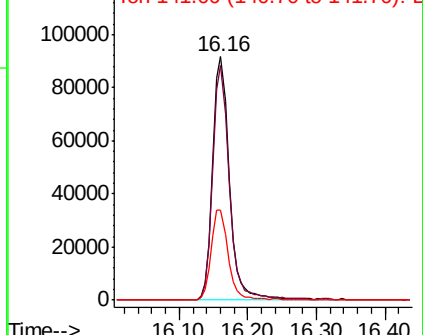


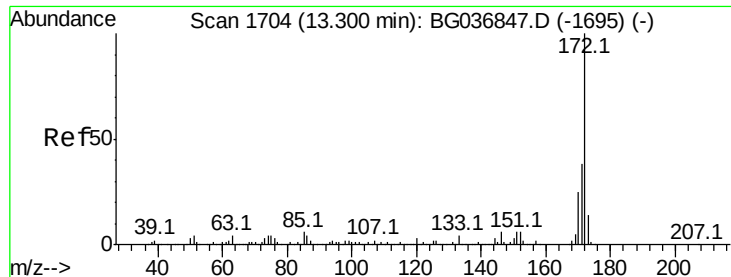
Abundance

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

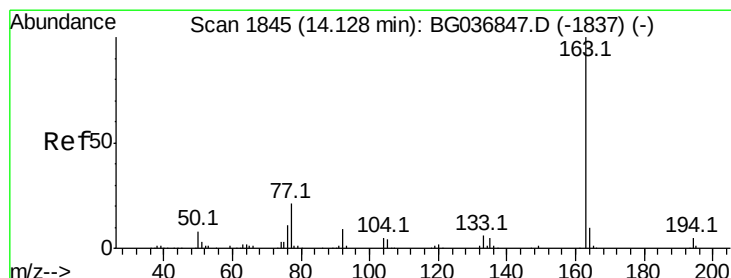
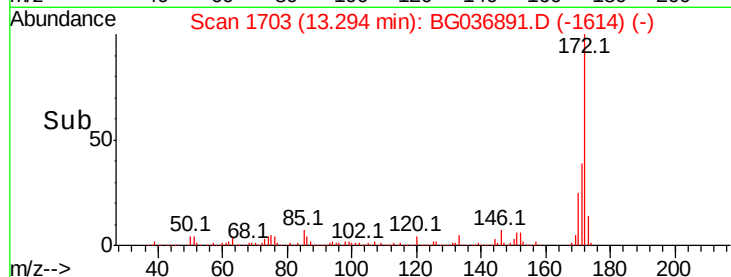
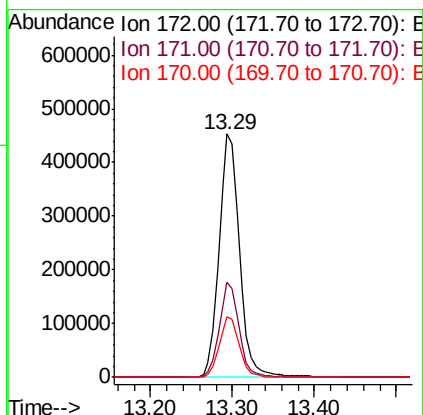
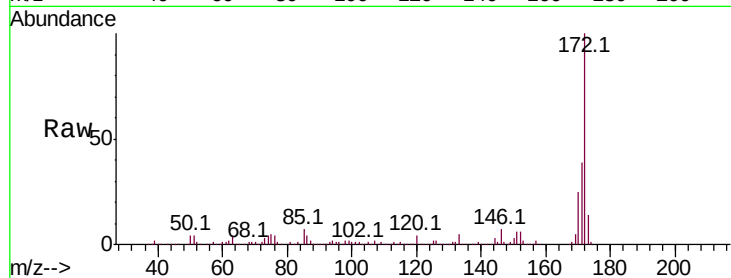




#44
2-Fluorobiphenyl
Concen: 103.086 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036891.D
Acq: 22 Sep 2018 12:56

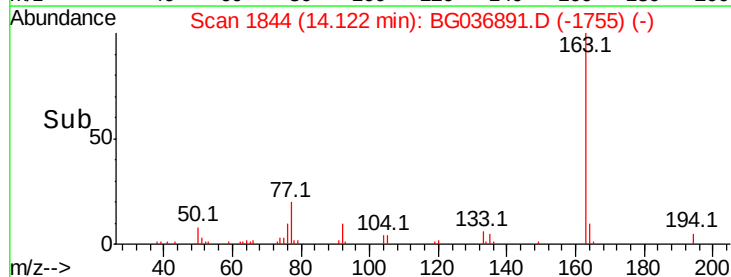
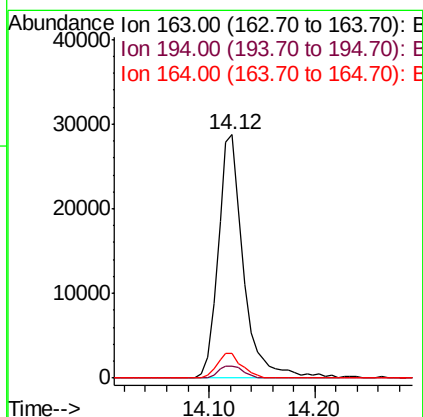
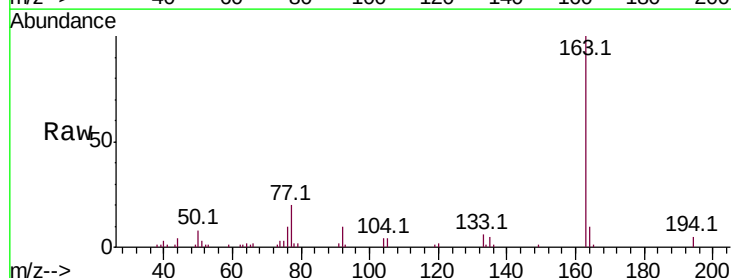
Instrument :
BNA_G
ClientSampleId :

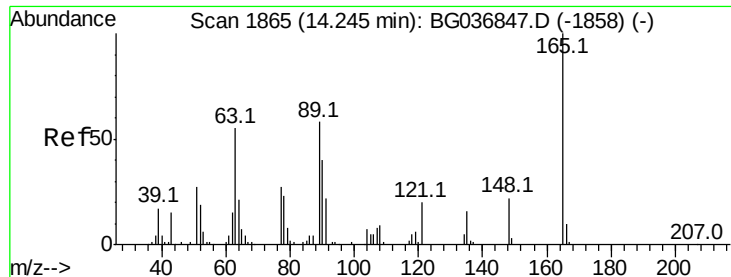
Tot Ion:172 Resp: 790260
Ion Ratio Lower Upper
172 100
171 39.3 31.3 46.9
170 25.0 21.0 31.6



#49
Dimethylphthalate
Concen: 5.198 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036891.D
Acq: 22 Sep 2018 12:56

Tgt Ion:163 Resp: 47769
Ion Ratio Lower Upper
163 100
194 4.7 4.0 6.0
164 10.4 8.1 12.1

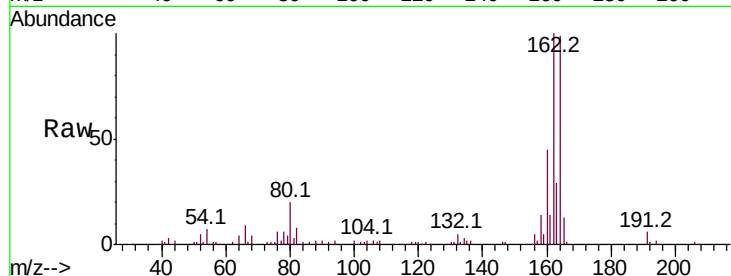




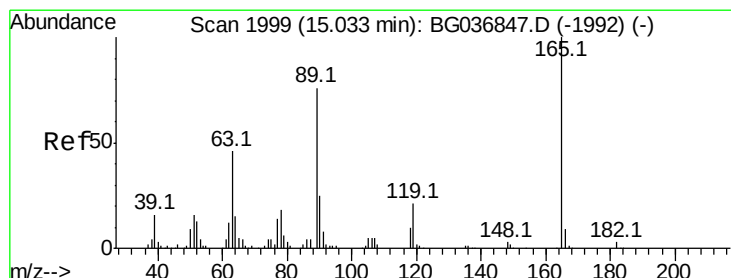
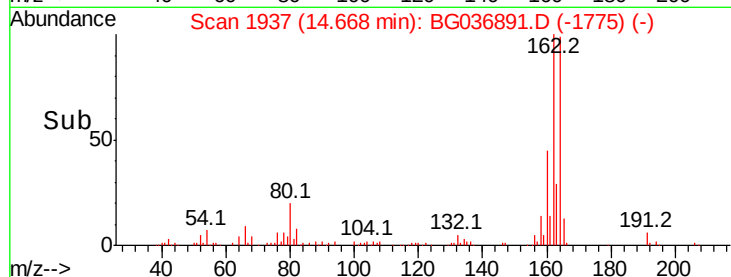
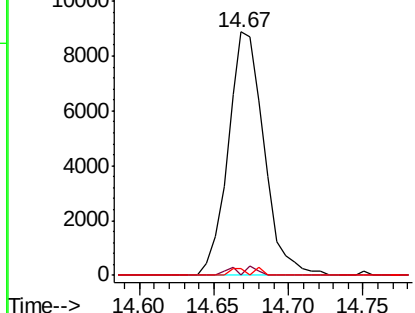
#50
2,6-Dinitrotoluene
Concen: 7.426 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.42 min
Lab File: BG036891.D
Acq: 22 Sep 2018 12:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.9	47.8	71.6#



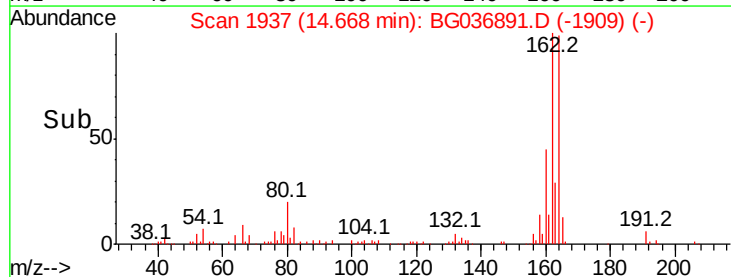
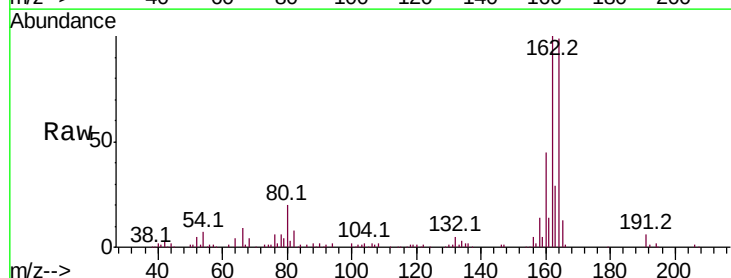
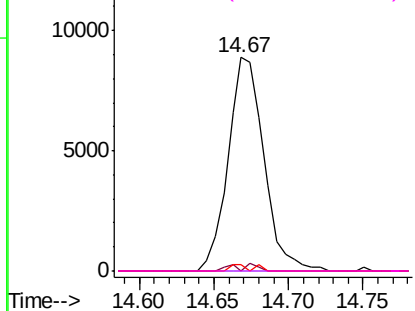
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

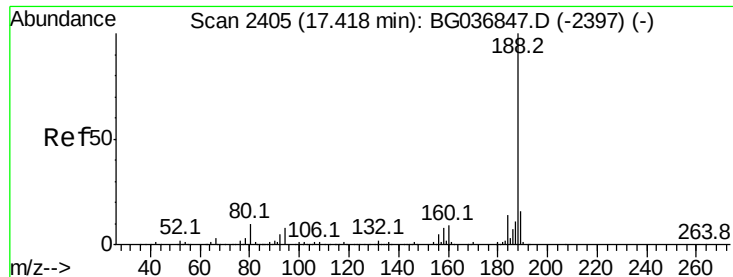


#56
2,4-Dinitrotoluene
Concen: 5.322 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.36 min
Lab File: BG036891.D
Acq: 22 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.9	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

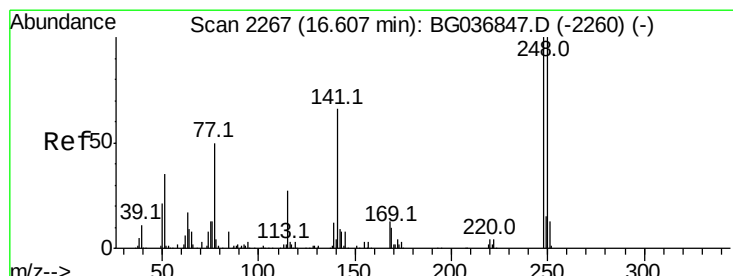
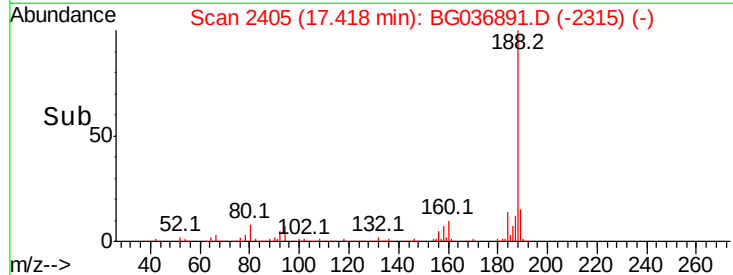
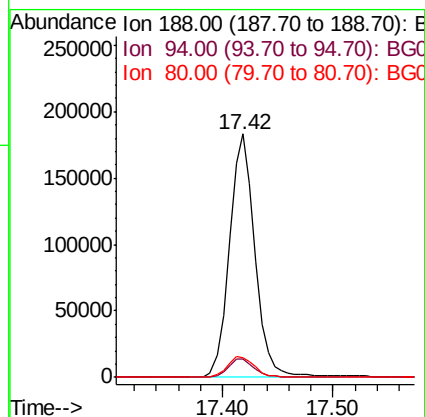
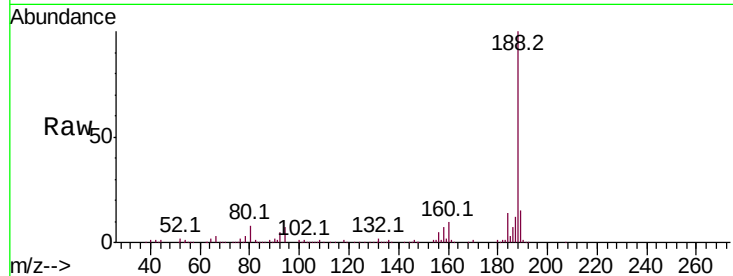




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BG036891.D
 Acq: 22 Sep 2018 12:56

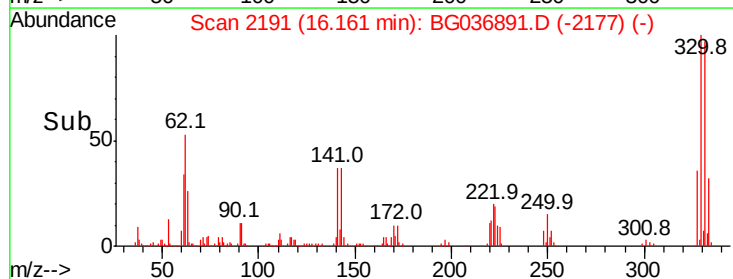
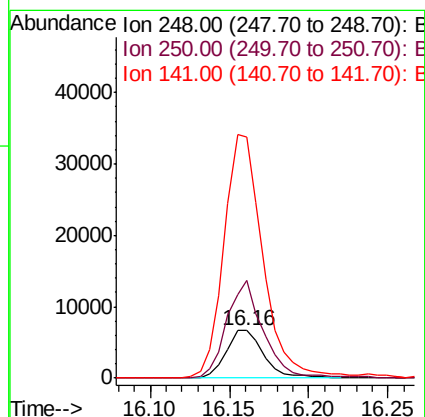
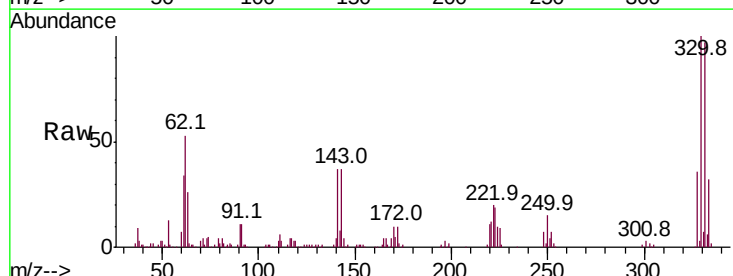
Instrument :
 BNA_G
 ClientSampled :

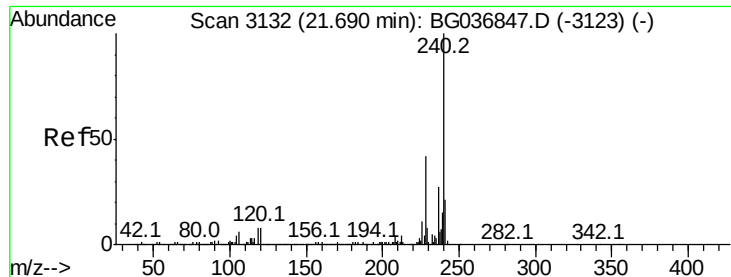
Tot Ion:188 Resp: 295760
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.7 10.1
 80 8.2 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.244 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.45 min
 Lab File: BG036891.D
 Acq: 22 Sep 2018 12:56

Tgt Ion:248 Resp: 10913
 Ion Ratio Lower Upper
 248 100
 250 204.7 78.1 117.1#
 141 506.1 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: BG036891.D

Acq: 22 Sep 2018 12:56

Instrument :

BNA_G

ClientSampleId :

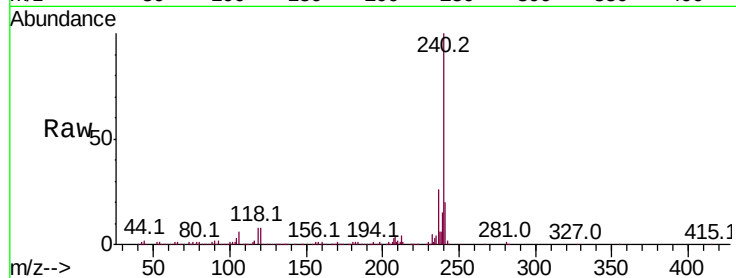
Tot Ion:240 Resp: 311095

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

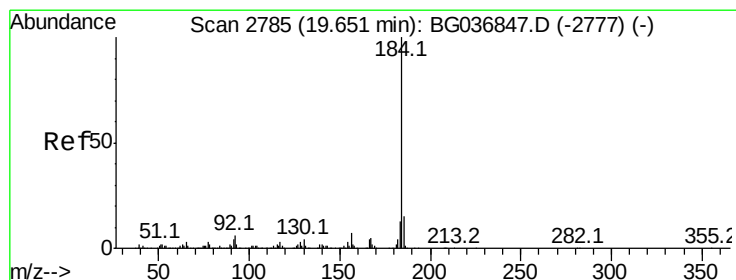
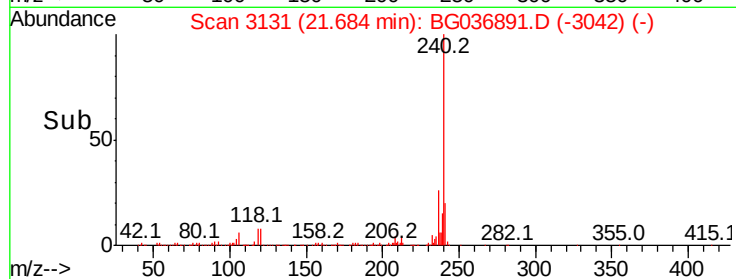
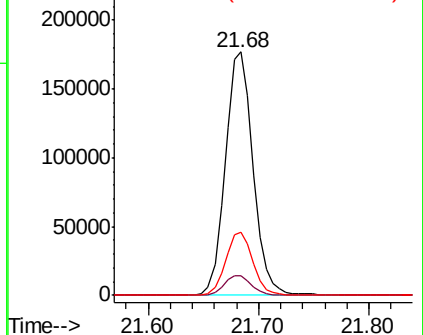
236 26.0 21.2 31.8



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



#76

Benzidine

Concen: 2.551 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

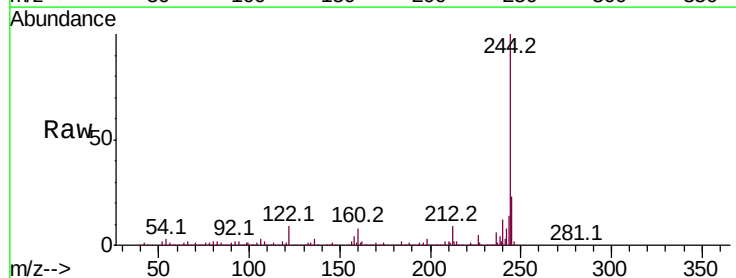
Tgt Ion:184 Resp: 23993

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

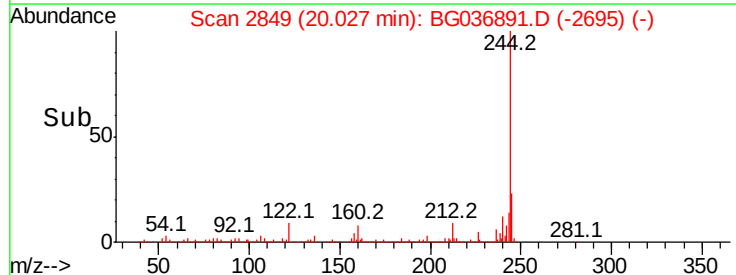
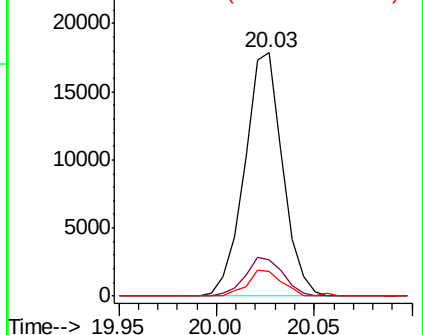
183 10.1 10.9 16.3#

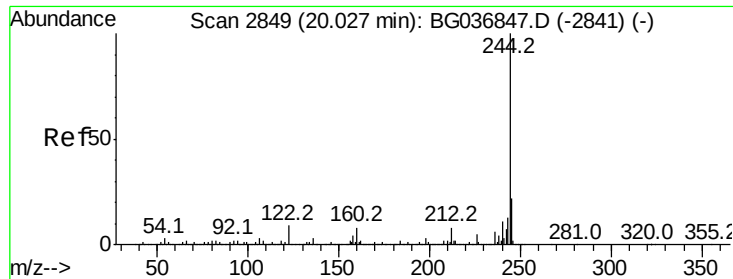


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 115.516 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

Instrument :

BNA_G

ClientSampleId :

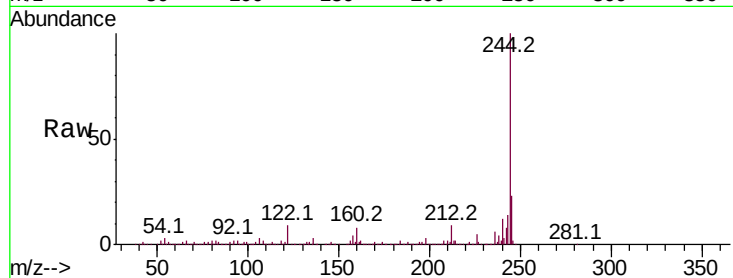
Tot Ion:244 Resp: 1366669

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	8.7	7.1	10.7

244 100

212 8.9 7.0 10.6

122 8.7 7.1 10.7

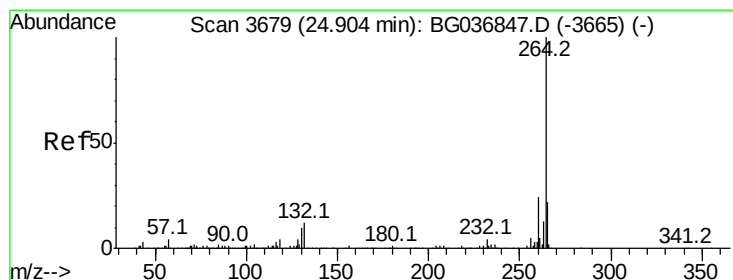
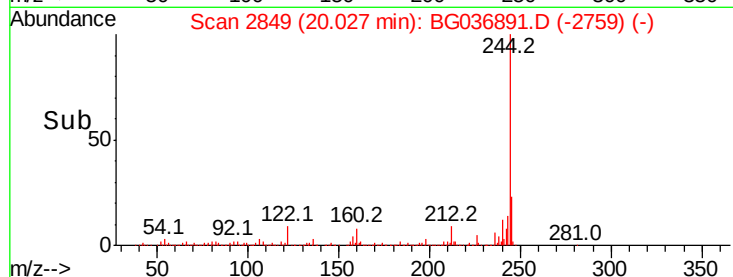
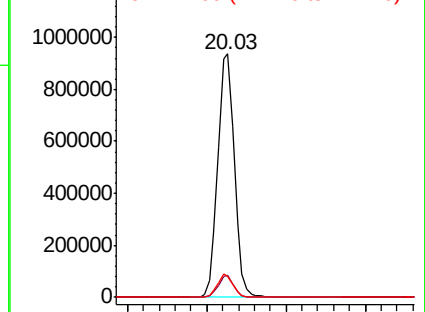


Abundance

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: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036891.D

Acq: 22 Sep 2018 12:56

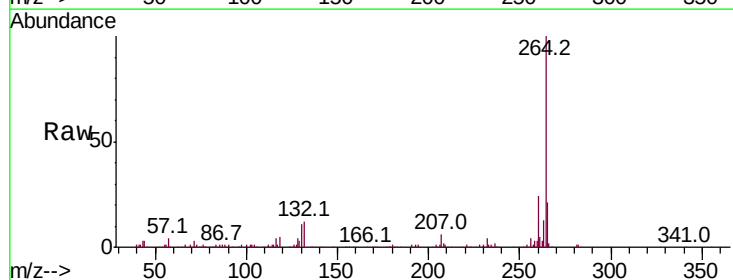
Tgt Ion:264 Resp: 315344

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.3	17.4	26.0

264 100

260 24.0 19.6 29.4

265 21.3 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

