

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
 Data File : BG037164.D
 Acq On : 4 Oct 2018 20:45
 Operator : JU/SJ
 Sample : J5198-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-E

Quant Time: Oct 05 01:42:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

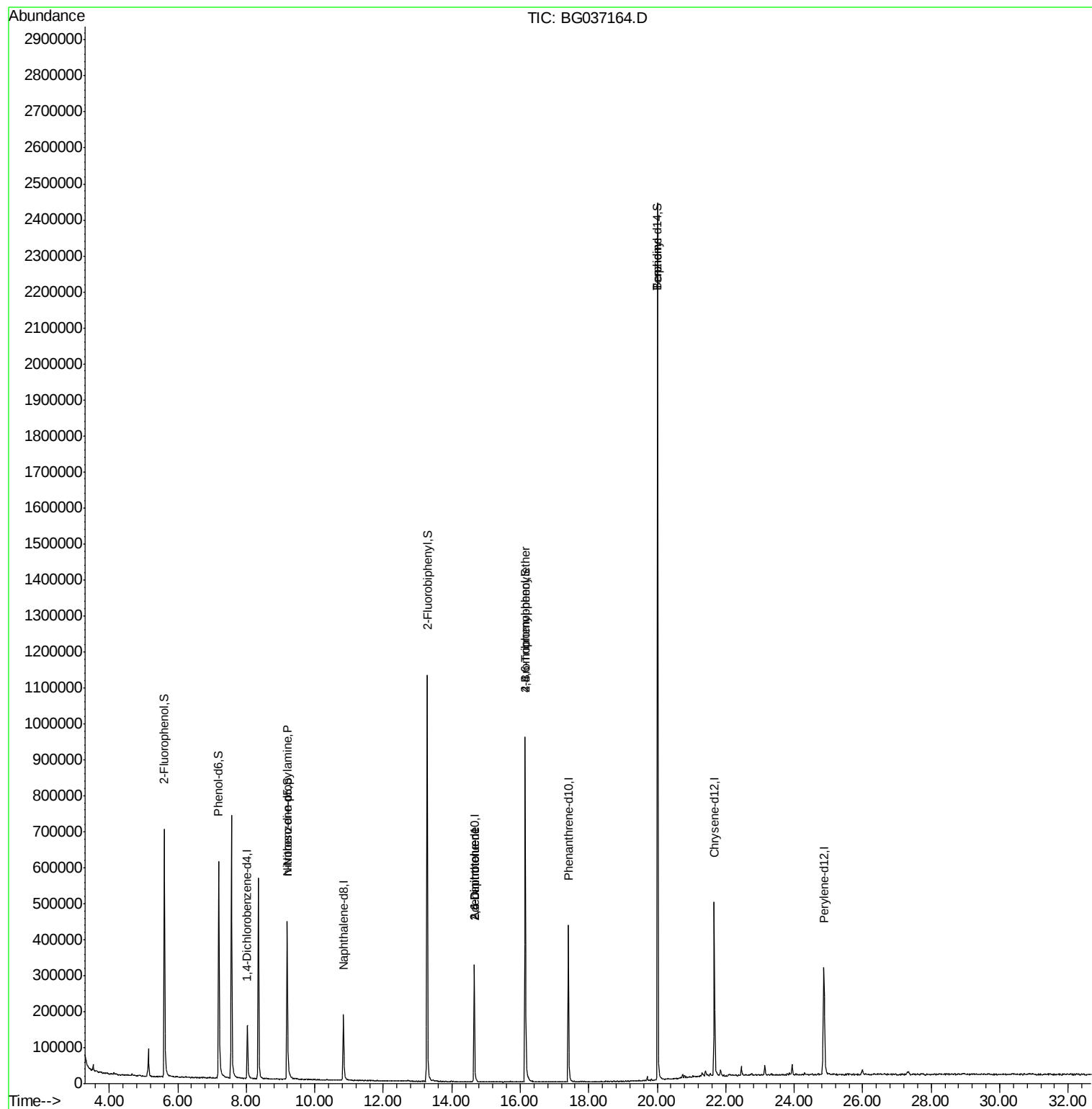
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48119	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	184676	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	118918	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	307809	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	320043	20.00	ng	-0.02
86) Perylene-d12	24.86	264	320158	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	314765	125.45	ng	-0.01
7) Phenol-d6	7.20	99	384901	99.15	ng	-0.02
23) Nitrobenzene-d5	9.19	82	320146	92.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	190092	133.61	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	645617	80.86	ng	-0.02
78) Terphenyl-d14	20.01	244	1166715	95.86	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	41482	12.845	ng	# 75
50) 2,6-Dinitrotoluene	14.66	165	15684	7.510	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	15684	5.382	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	13100	3.742	ng	# 1
76) Benzidine	20.01	184	21009	2.172	ng	# 93

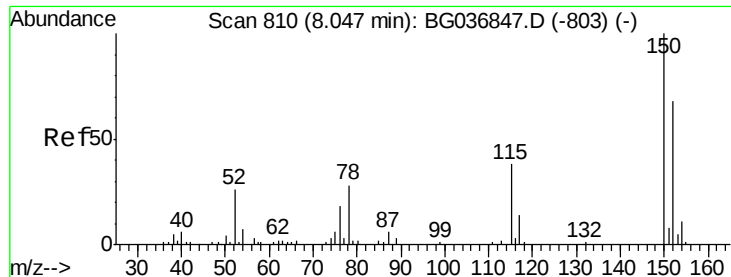
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
Data File : BG037164.D
Acq On : 4 Oct 2018 20:45
Operator : JU/SJ
Sample : J5198-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-100218-E

Quant Time: Oct 05 01:42:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration



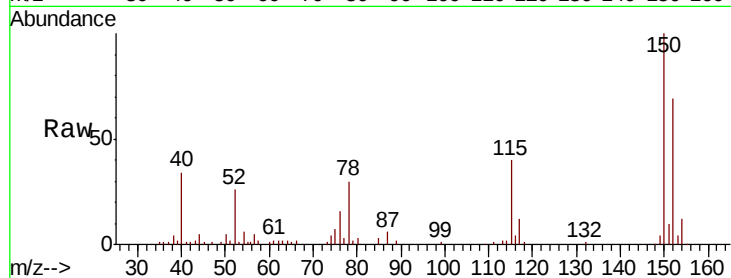


#1

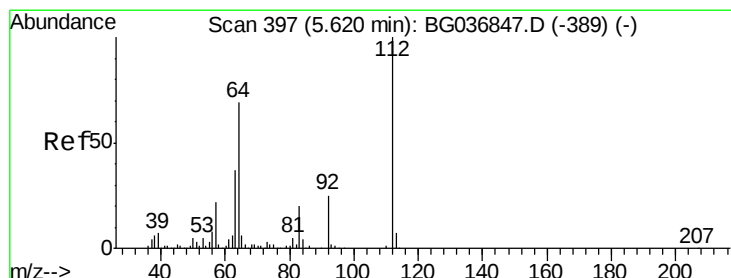
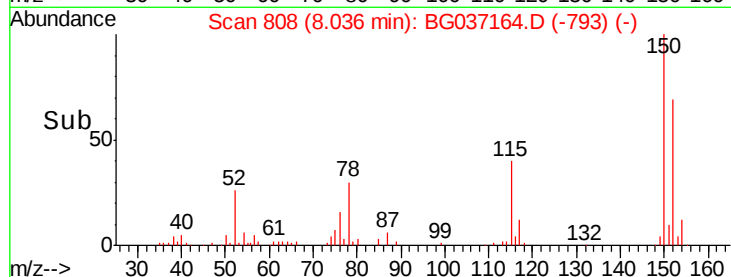
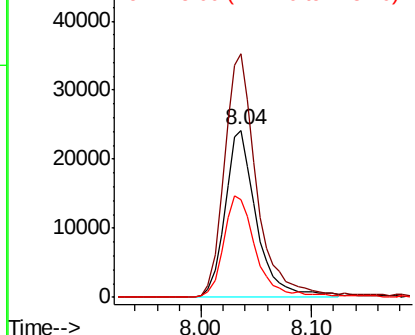
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037164.D
Acq: 4 Oct 2018 20:45

Instrument :
BNA_G
ClientSampleId :
CL-01-100218-E

Tgt Ion:152 Resp: 48119
Ion Ratio Lower Upper
152 100
150 145.8 119.5 179.3
115 58.5 44.5 66.7



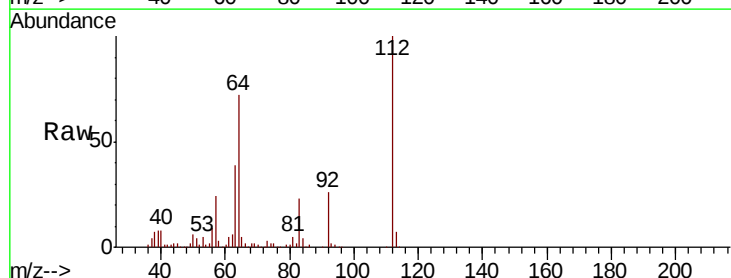
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



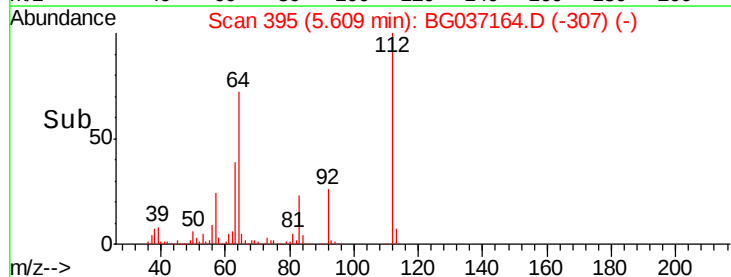
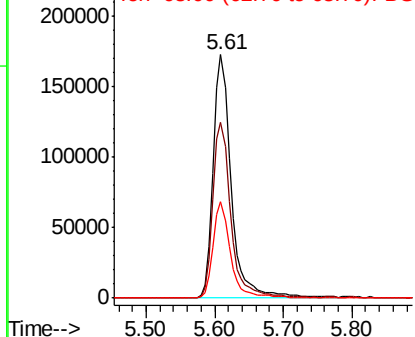
#5

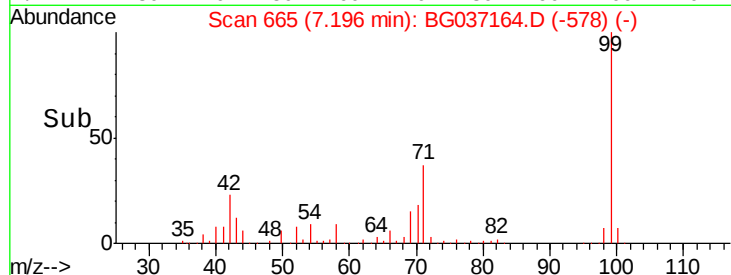
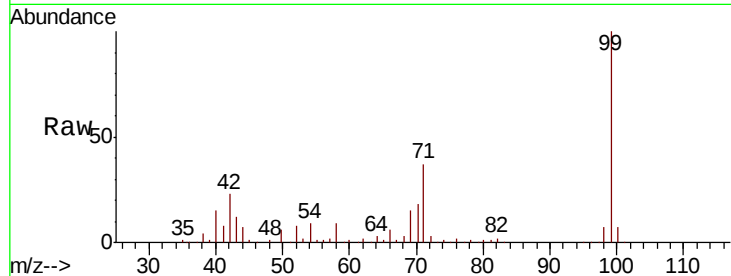
2-Fluorophenol
Concen: 125.450 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037164.D
Acq: 4 Oct 2018 20:45

Tgt Ion:112 Resp: 314765
Ion Ratio Lower Upper
112 100
64 72.4 57.2 85.8
63 39.4 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: 99.150 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037164.D

Acq: 4 Oct 2018 20:45

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-E

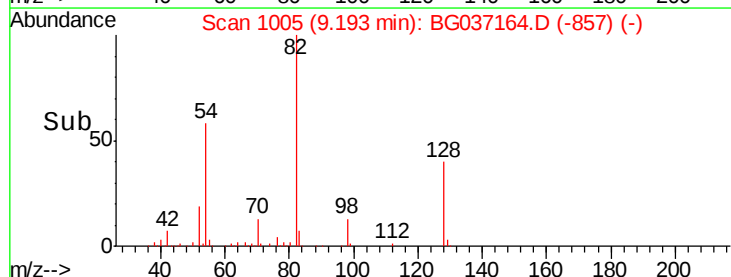
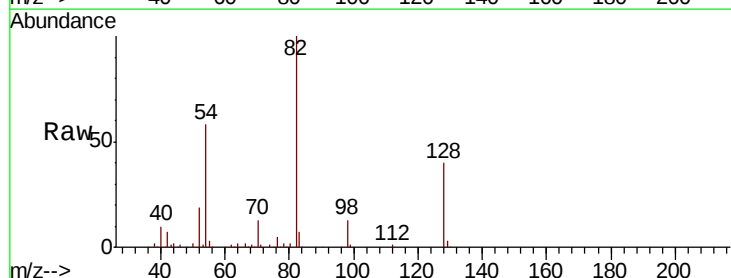
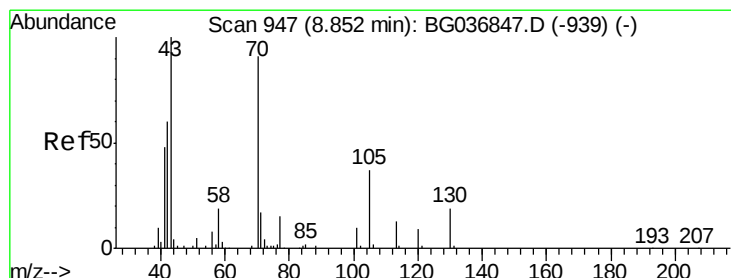
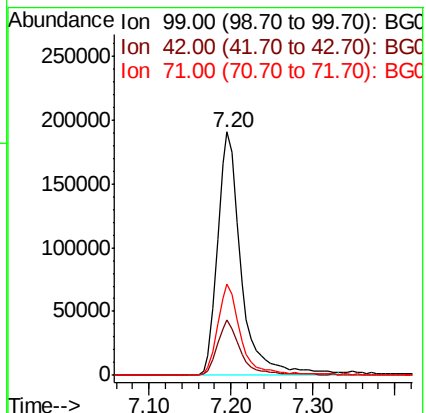
Tgt Ion: 99 Resp: 384901

Ion Ratio Lower Upper

99 100

42 22.7 16.5 24.7

71 37.3 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.845 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037164.D

Acq: 4 Oct 2018 20:45

Tgt Ion: 70 Resp: 41482

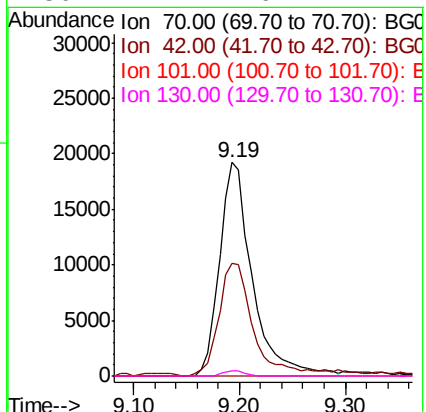
Ion Ratio Lower Upper

70 100

42 53.0 56.2 84.4#

101 0.0 7.8 11.6#

130 2.4 16.2 24.2#

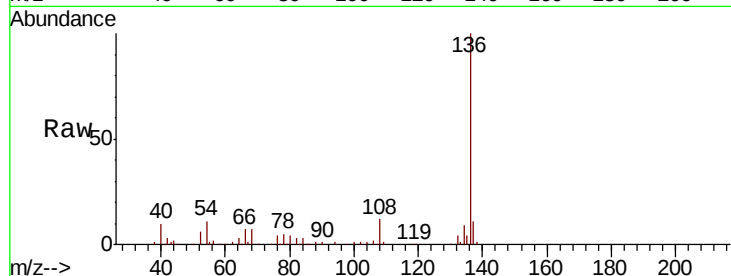




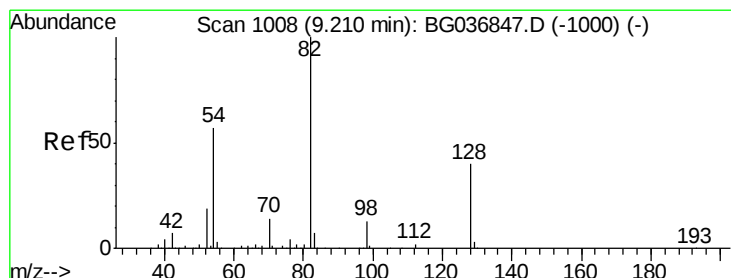
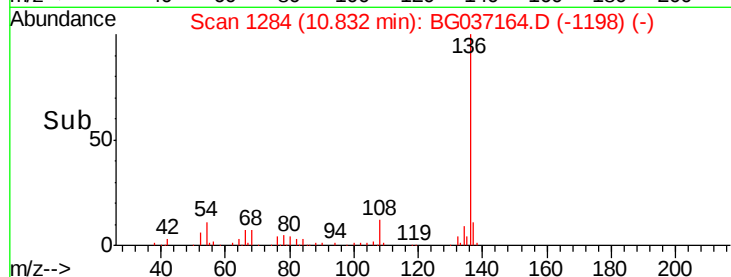
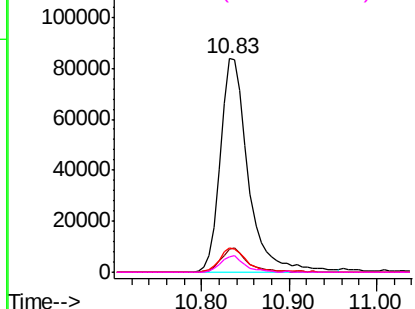
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037164.D
Acq: 4 Oct 2018 20:45

Instrument :
BNA_G
ClientSampleId :
CL-01-100218-E

Tgt Ion:	136	Resp:	184676
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	11.1	9.2	13.8
68	7.4	5.8	8.6

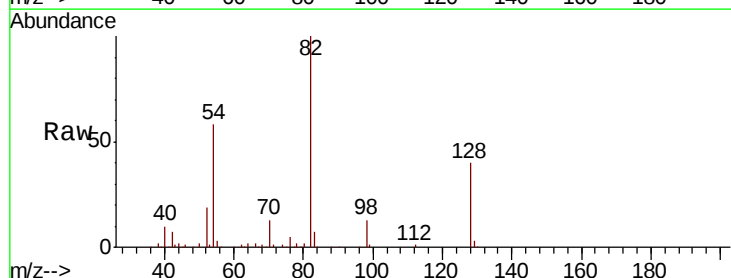


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

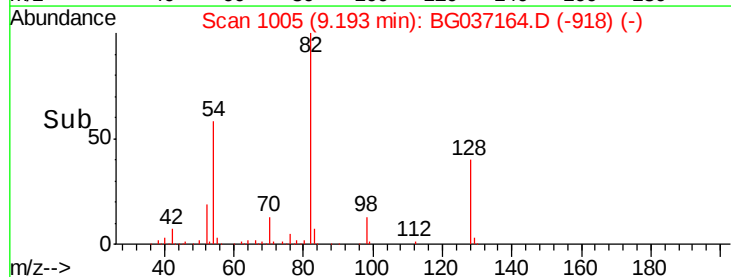
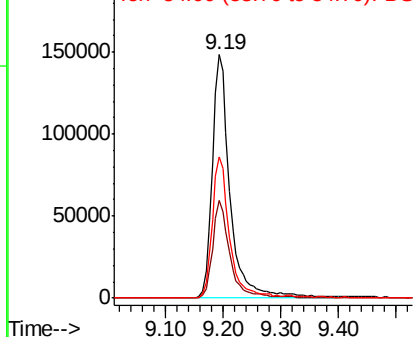


#23
Nitrobenzene-d5
Concen: 92.834 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037164.D
Acq: 4 Oct 2018 20:45

Tgt Ion:	82	Resp:	320146
Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.3	49.9
54	57.9	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: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037164.D

Acq: 4 Oct 2018 20:45

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-E

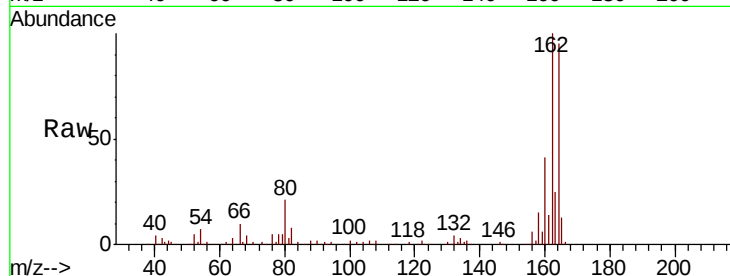
Tgt Ion:164 Resp: 118918

Ion Ratio Lower Upper

164 100

162 105.0 80.7 121.1

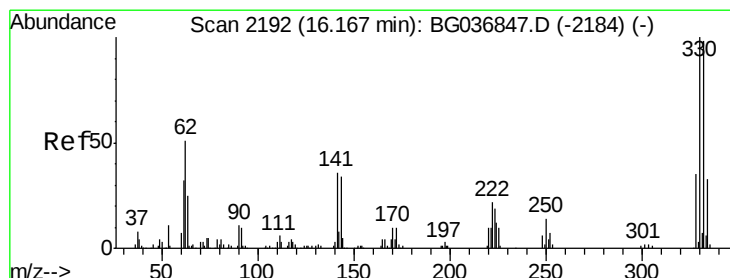
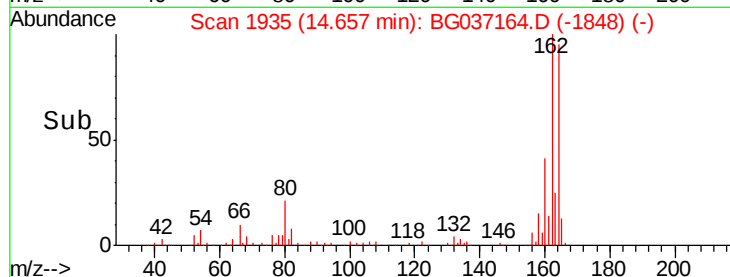
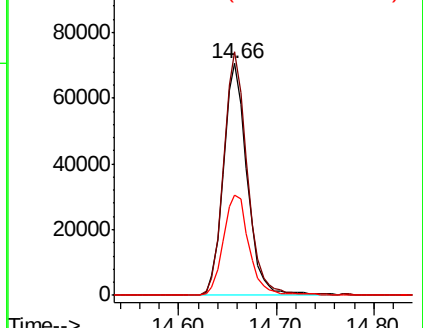
160 43.1 35.3 52.9



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: 133.606 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037164.D

Acq: 4 Oct 2018 20:45

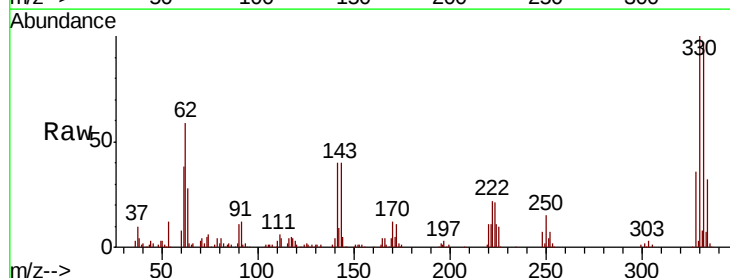
Tgt Ion:330 Resp: 190092

Ion Ratio Lower Upper

330 100

332 97.0 75.4 113.2

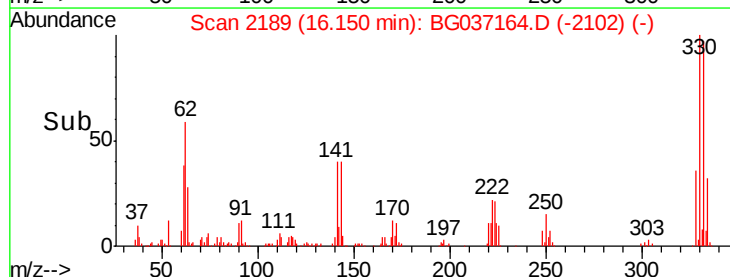
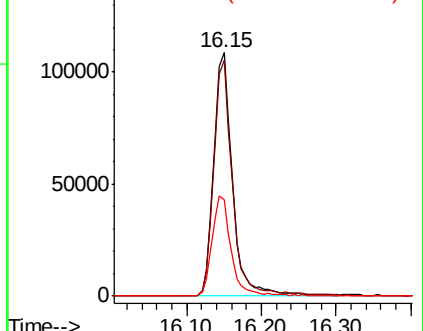
141 41.6 30.7 46.1



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

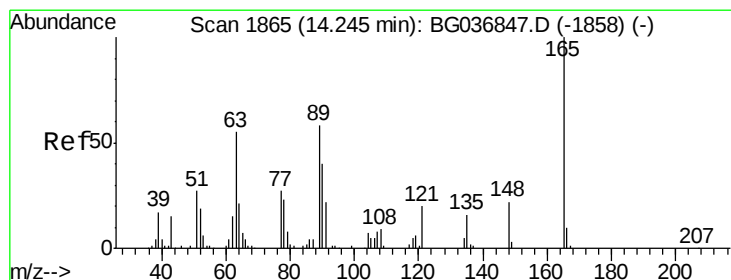
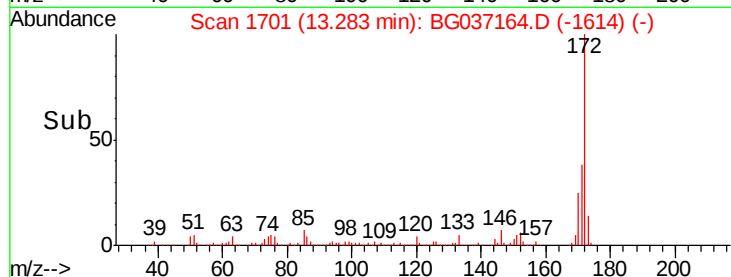
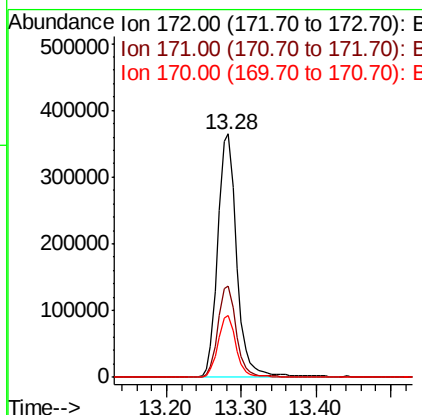
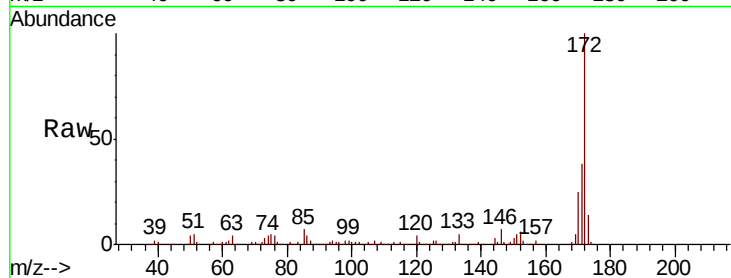




#44
2-Fluorobiphenyl
Concen: 80.860 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.02 min
Lab File: BG037164.D
Acq: 4 Oct 2018 20:45

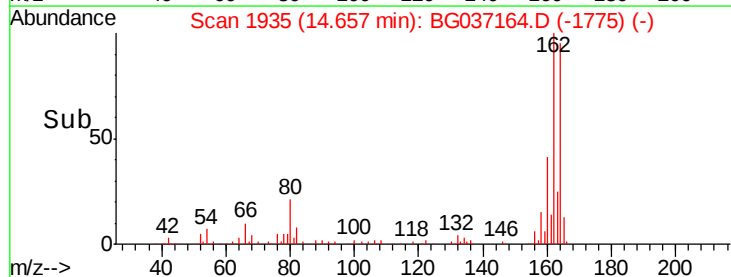
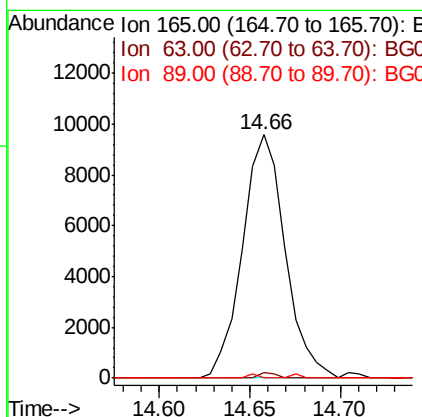
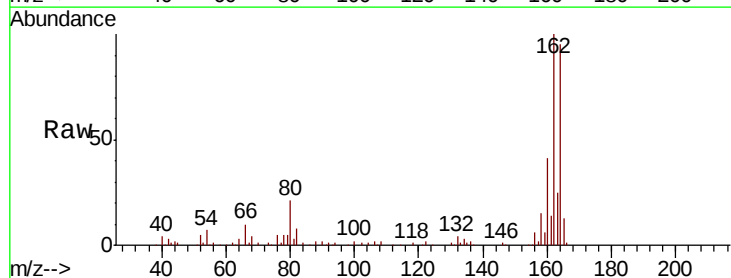
Instrument :
BNA_G
ClientSampleId :
CL-01-100218-E

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	25.4	21.0	31.6



#50
2,6-Dinitrotoluene
Concen: 7.510 ng
RT: 14.66 min Scan# 1935
Delta R.T. 0.41 min
Lab File: BG037164.D
Acq: 4 Oct 2018 20:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	50.1	75.1#
89	0.0	47.8	71.6#

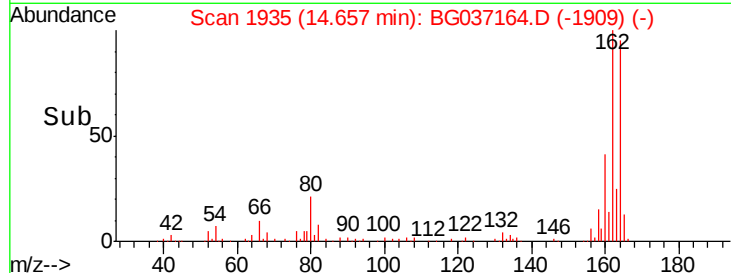
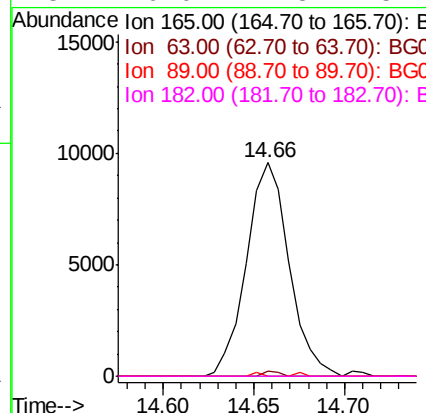
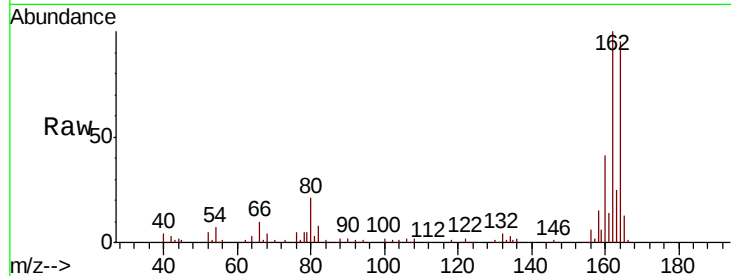




#56
 2,4-Dinitrotoluene
 Concen: 5.382 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.38 min
 Lab File: BG037164.D
 Acq: 4 Oct 2018 20:45

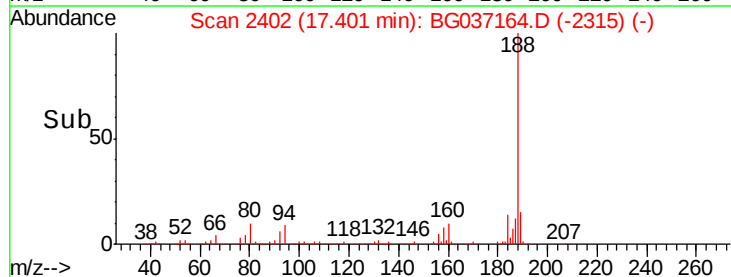
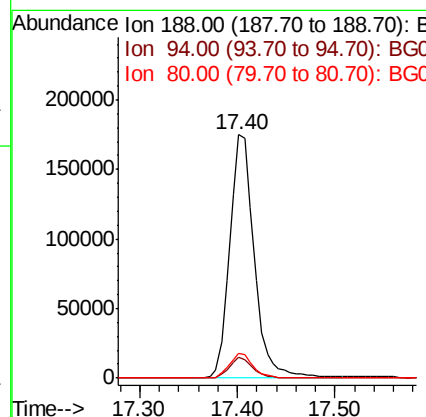
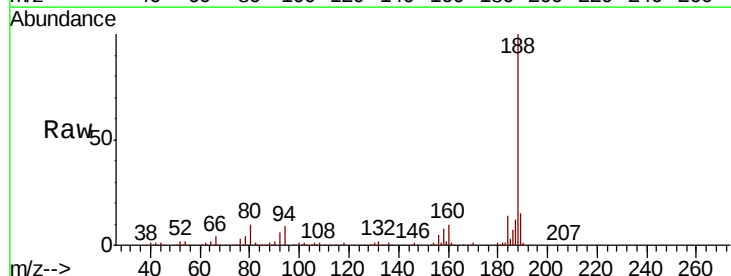
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-E

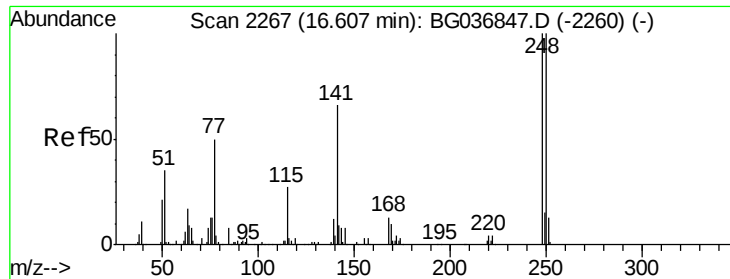
Tgt Ion:	165	Resp:	15684
Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037164.D
 Acq: 4 Oct 2018 20:45

Tgt Ion:	188	Resp:	307809
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	10.2	8.1	12.1

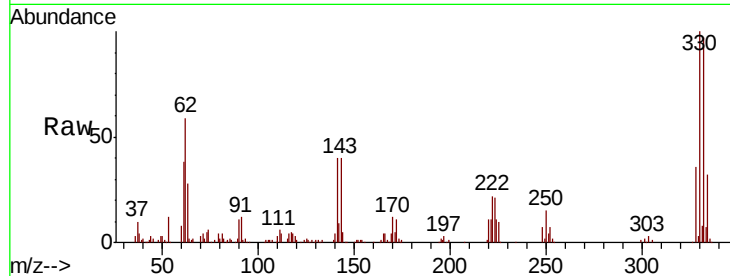




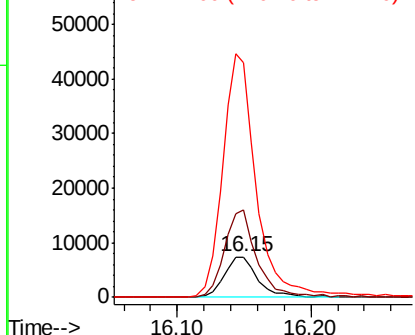
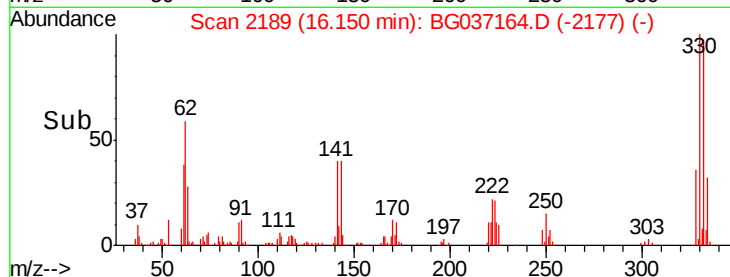
#66
 4-Bromophenyl-phenylether
 Concen: 3.742 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037164.D
 Acq: 4 Oct 2018 20:45

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-E

Tgt Ion:248 Resp: 13100
 Ion Ratio Lower Upper
 248 100
 250 215.6 78.1 117.1#
 141 576.3 53.7 80.5#

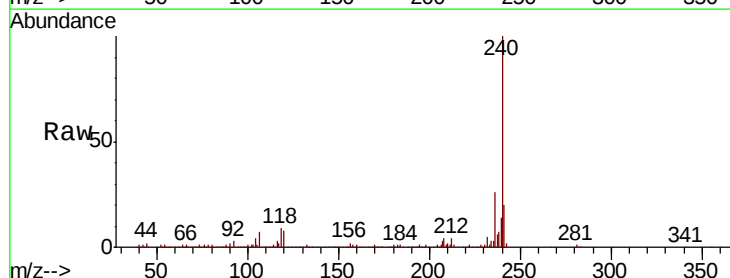


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

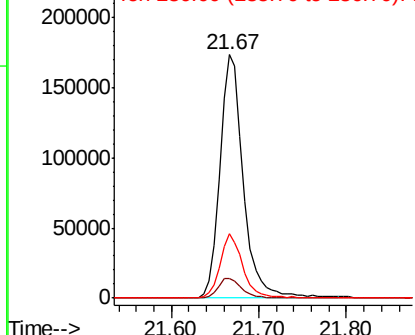
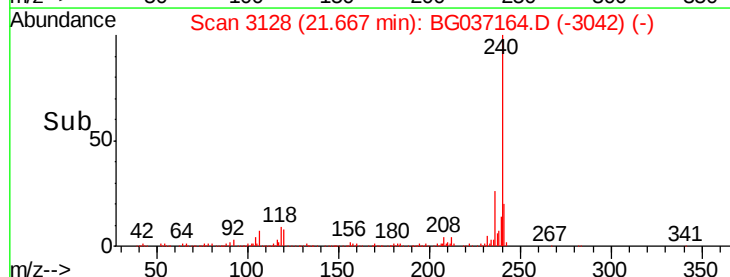


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG037164.D
 Acq: 4 Oct 2018 20:45

Tgt Ion:240 Resp: 320043
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.9 10.3
 236 26.3 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

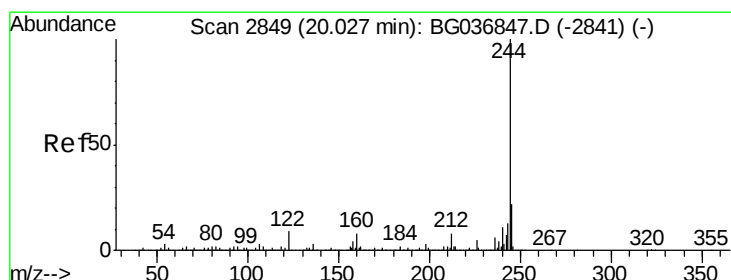
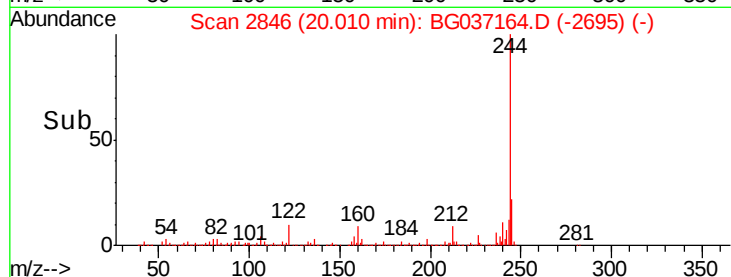
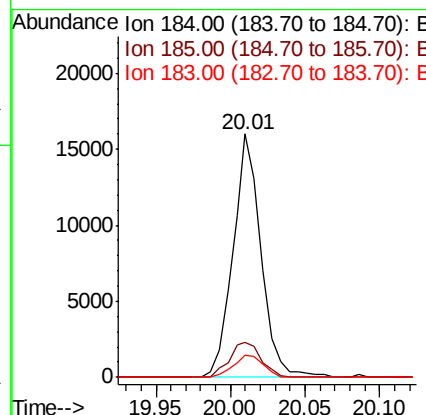
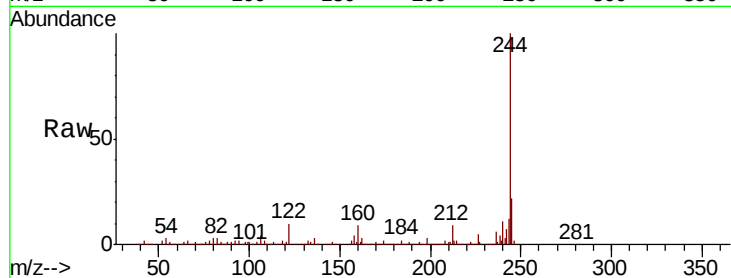




#76
Benzidine
Concen: 2.172 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG037164.D
Acq: 4 Oct 2018 20:45

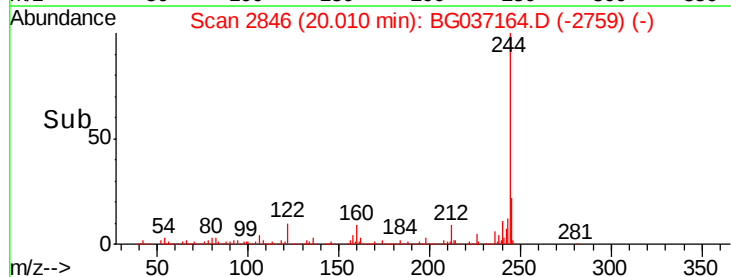
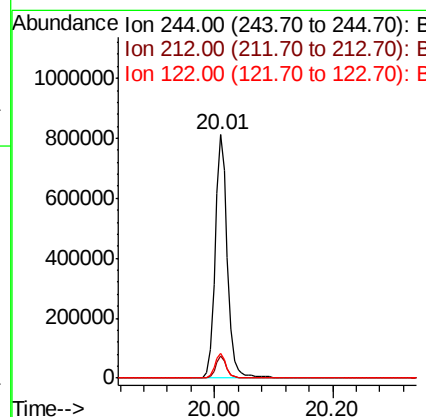
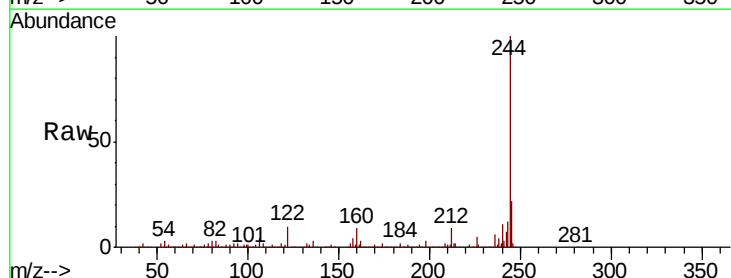
Instrument :
BNA_G
ClientSampleId :
CL-01-100218-E

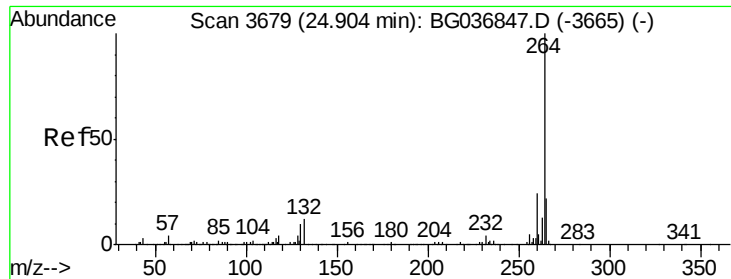
Tgt Ion:184 Resp: 21009
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 8.9 10.9 16.3#



#78
Terphenyl-d14
Concen: 95.858 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037164.D
Acq: 4 Oct 2018 20:45

Tgt Ion:244 Resp: 1166715
Ion Ratio Lower Upper
244 100
212 8.9 7.0 10.6
122 10.0 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. -0.04 min
 Lab File: BG037164.D
 Acq: 4 Oct 2018 20:45

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-E

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.0	17.4	26.0

