

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
 Data File : BG037161.D
 Acq On : 4 Oct 2018 18:49
 Operator : JU/SJ
 Sample : J5198-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 05 01:42:18 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

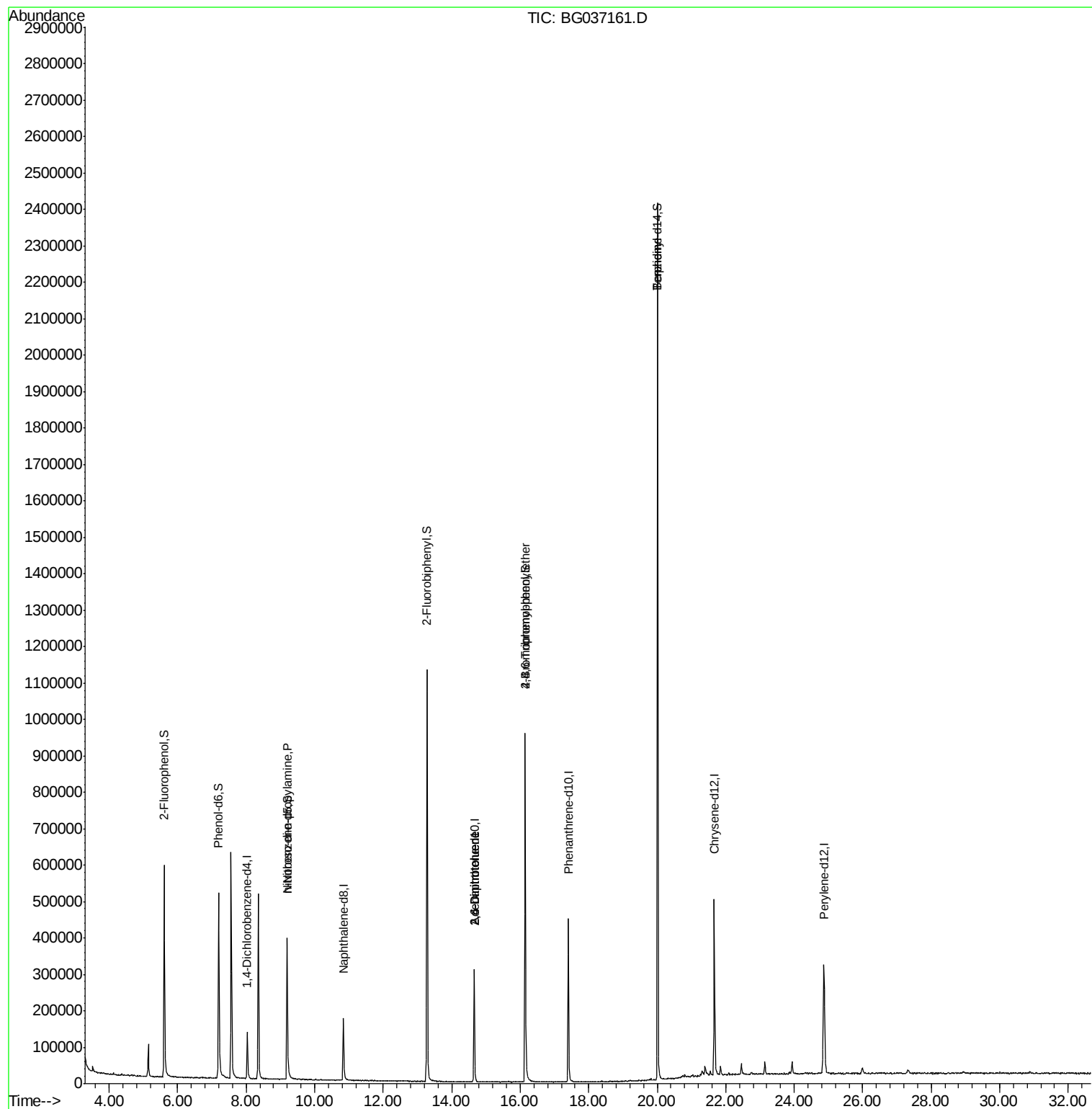
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	41116	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	170616	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	115461	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	308224	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	322642	20.00	ng	-0.02
86) Perylene-d12	24.87	264	321350	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	275336	128.43	ng	-0.02
7) Phenol-d6	7.20	99	343749	103.63	ng	-0.02
23) Nitrobenzene-d5	9.19	82	288416	90.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	189516	137.19	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	631021	81.40	ng	-0.02
78) Terphenyl-d14	20.01	244	1173128	95.61	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	38558	13.973	ng	# 72
50) 2,6-Dinitrotoluene	14.65	165	14996	7.395	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	14996	5.300	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	13515	3.855	ng	# 1
76) Benzidine	20.01	184	20549	2.107	ng	97

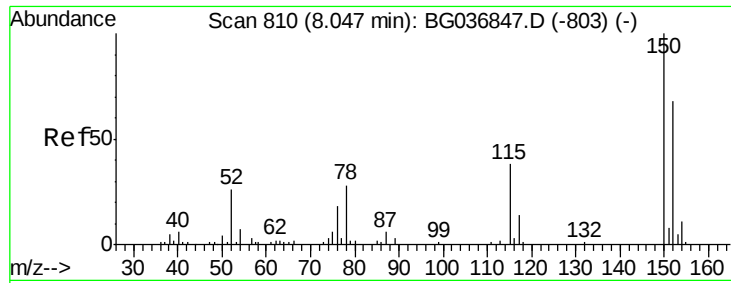
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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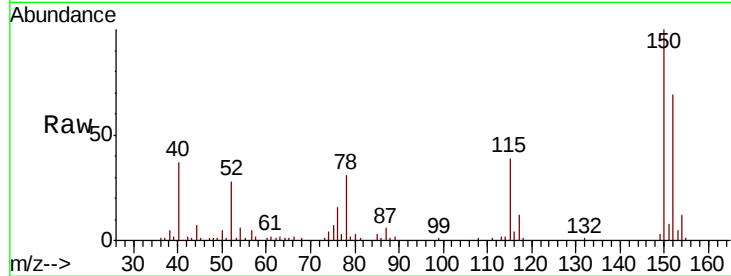


#1

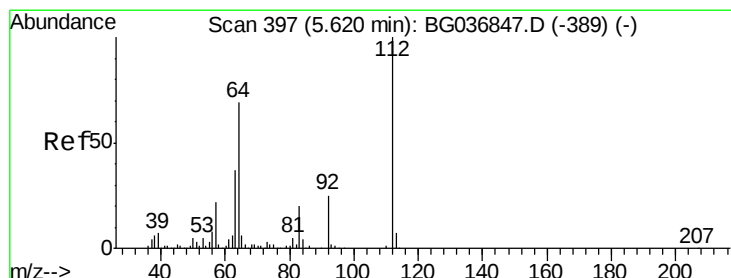
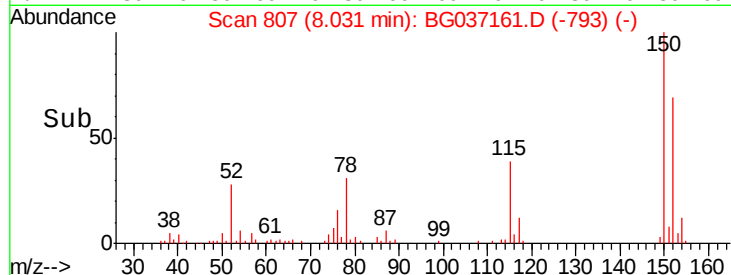
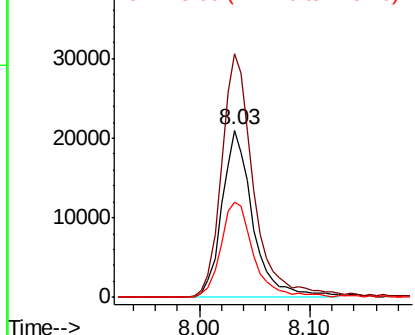
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037161.D
Acq: 4 Oct 2018 18:49

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

Tgt Ion:152 Resp: 41116
Ion Ratio Lower Upper
152 100
150 145.7 119.5 179.3
115 57.0 44.5 66.7



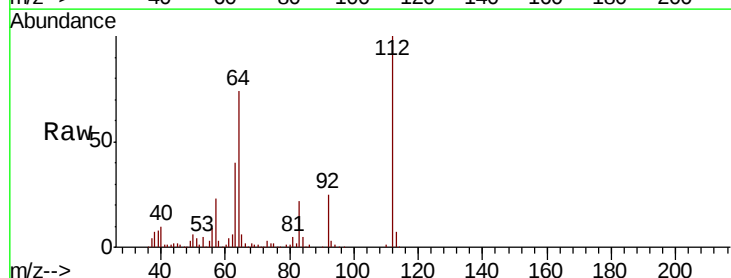
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



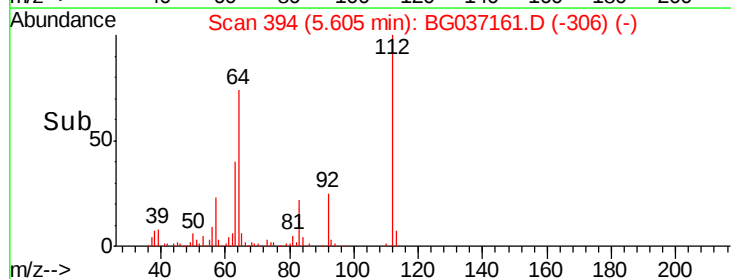
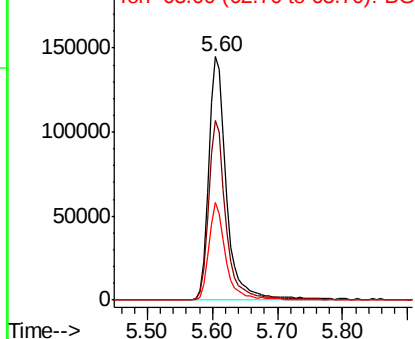
#5

2-Fluorophenol
Concen: 128.426 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037161.D
Acq: 4 Oct 2018 18:49

Tgt Ion:112 Resp: 275336
Ion Ratio Lower Upper
112 100
64 74.0 57.2 85.8
63 40.2 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: 103.632 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037161.D

Acq: 4 Oct 2018 18:49

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-B

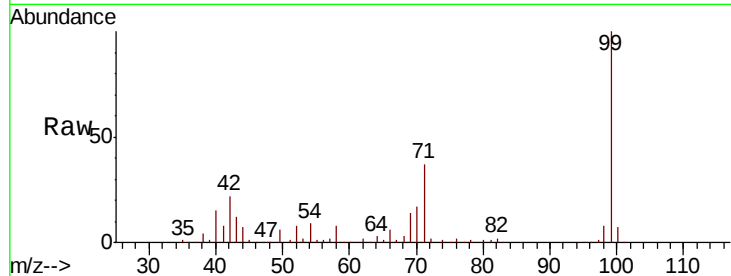
Tgt Ion: 99 Resp: 343749

Ion Ratio Lower Upper

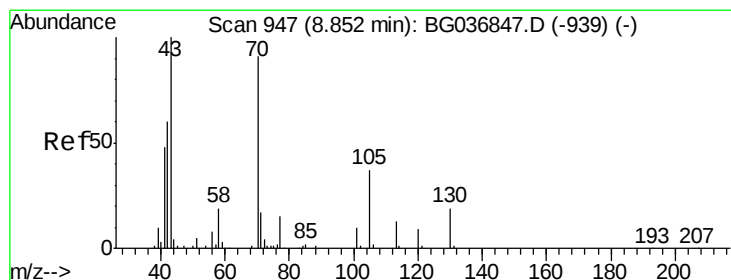
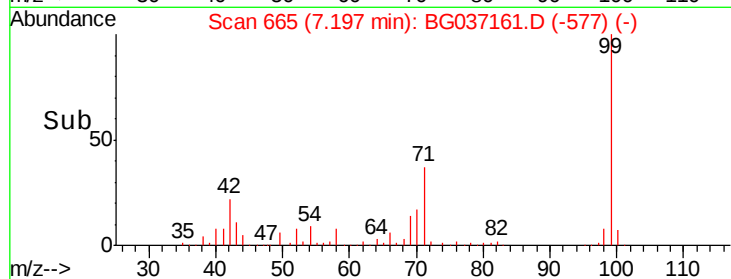
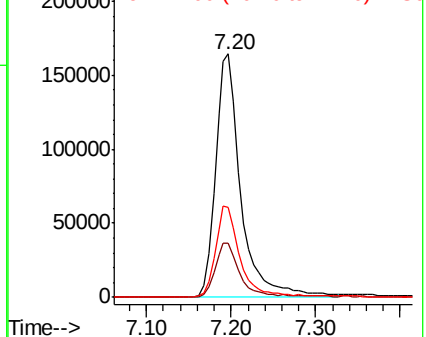
99 100

42 22.0 16.5 24.7

71 36.9 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: 13.973 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037161.D

Acq: 4 Oct 2018 18:49

Tgt Ion: 70 Resp: 38558

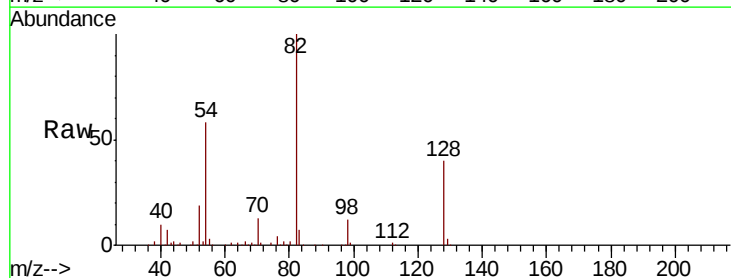
Ion Ratio Lower Upper

70 100

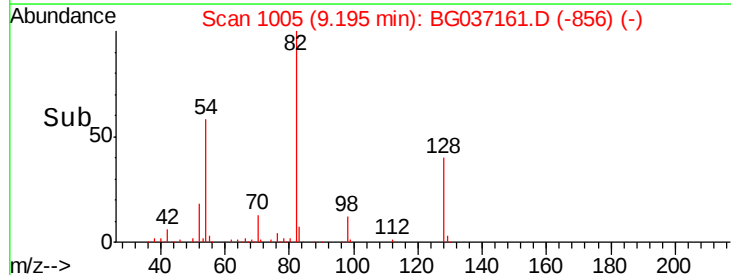
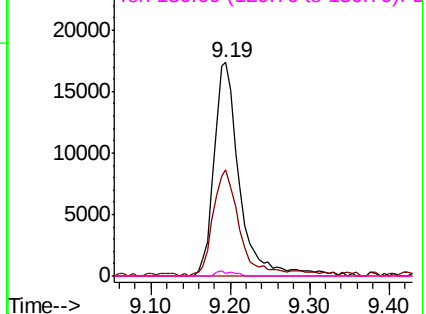
42 50.0 56.2 84.4#

101 0.0 7.8 11.6#

130 1.3 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

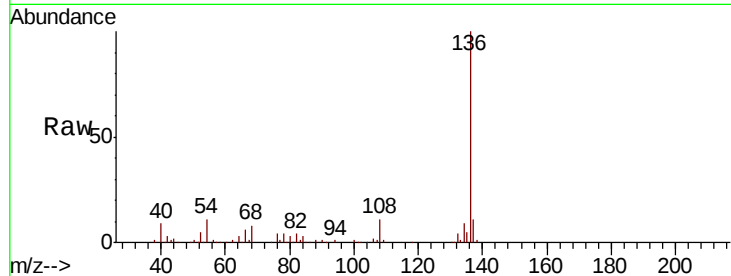




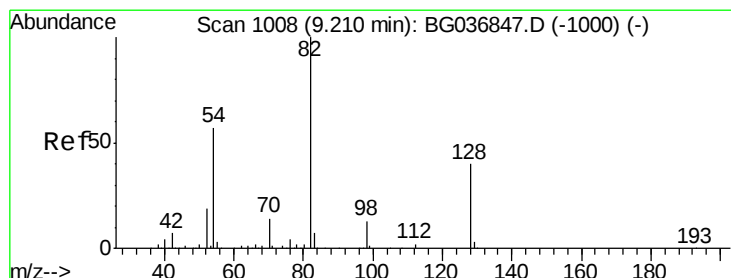
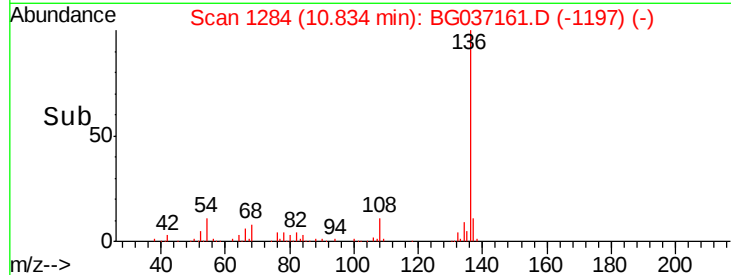
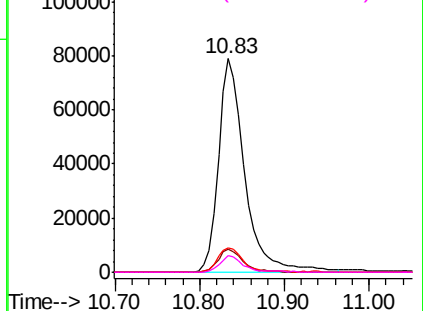
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037161.D
Acq: 4 Oct 2018 18:49

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

Tgt Ion:	136	Resp:	170616
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.2	9.2	13.8
68	8.1	5.8	8.6

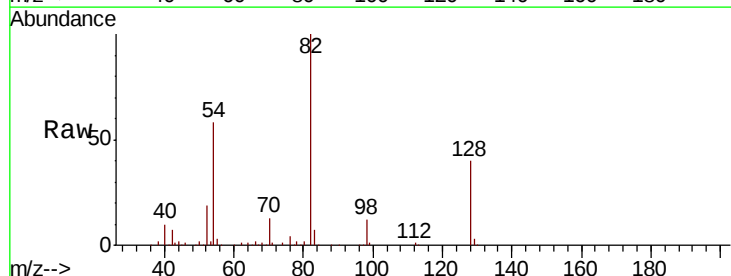


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

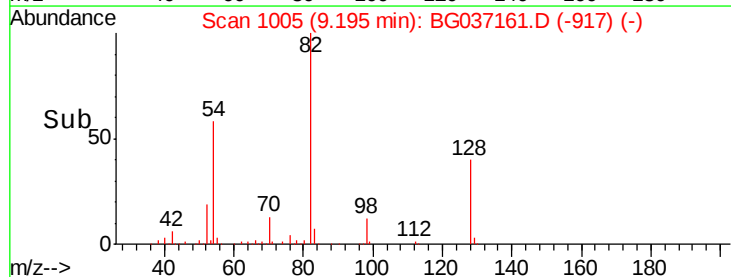
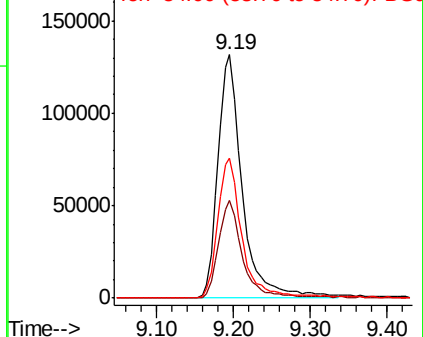


#23
Nitrobenzene-d5
Concen: 90.525 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037161.D
Acq: 4 Oct 2018 18:49

Tgt Ion:	82	Resp:	288416
Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	57.7	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: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037161.D

Acq: 4 Oct 2018 18:49

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-B

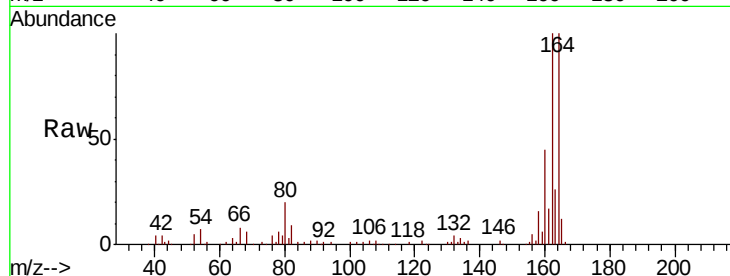
Tgt Ion:164 Resp: 115461

Ion Ratio Lower Upper

164 100

162 99.8 80.7 121.1

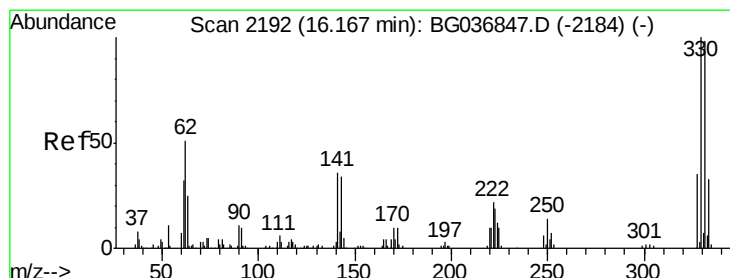
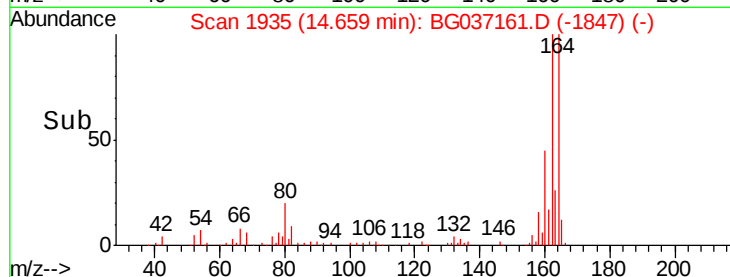
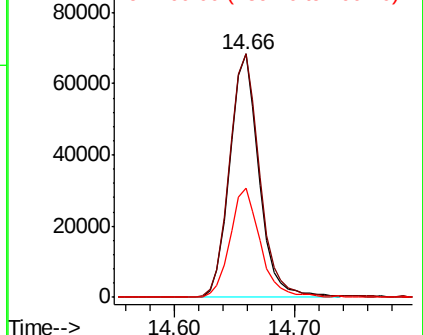
160 44.9 35.3 52.9



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: 137.189 ng

RT: 16.15 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037161.D

Acq: 4 Oct 2018 18:49

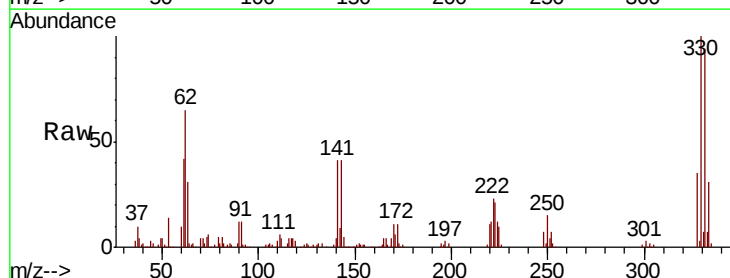
Tgt Ion:330 Resp: 189516

Ion Ratio Lower Upper

330 100

332 94.5 75.4 113.2

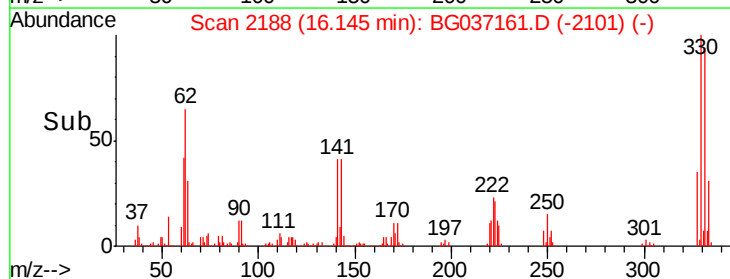
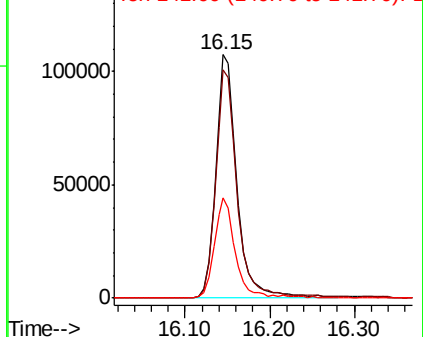
141 41.1 30.7 46.1

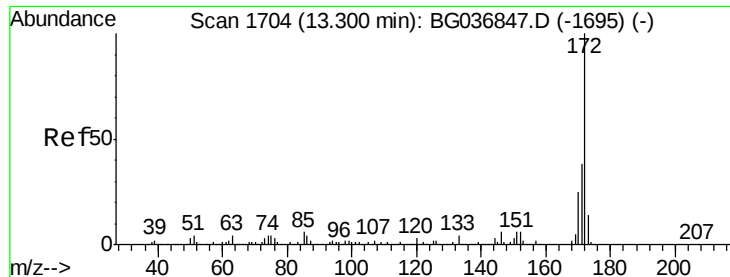


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

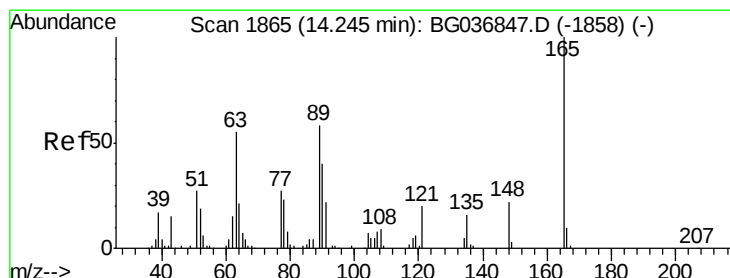
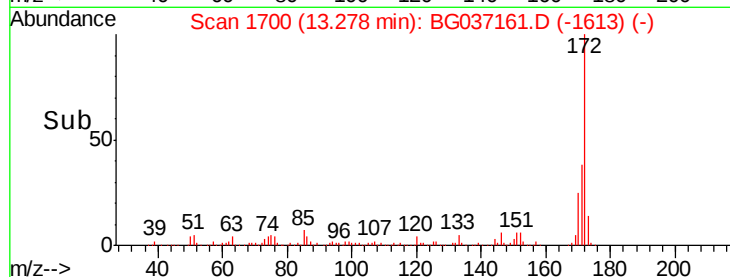
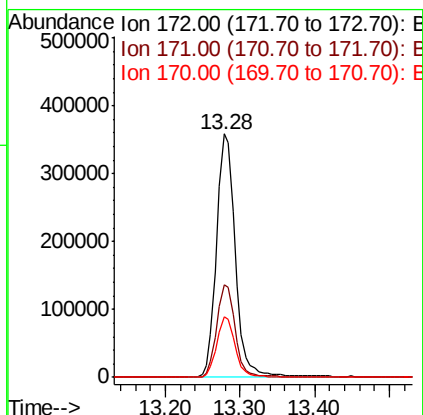
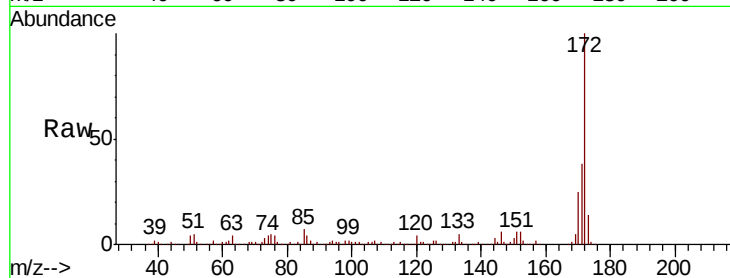




#44
 2-Fluorobiphenyl
 Concen: 81.399 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037161.D
 Acq: 4 Oct 2018 18:49

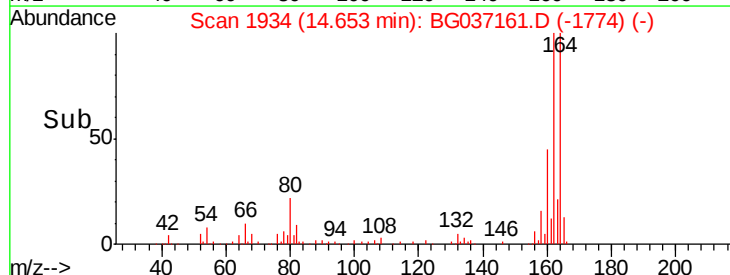
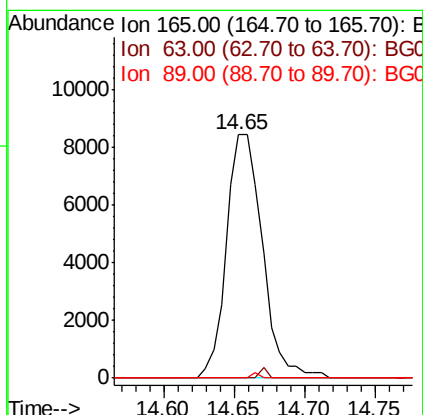
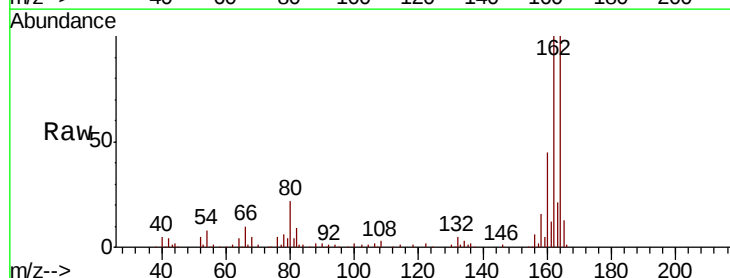
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-B

Tgt Ion:172 Resp: 631021
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.3 46.9
 170 24.8 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.395 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.41 min
 Lab File: BG037161.D
 Acq: 4 Oct 2018 18:49

Tgt Ion:165 Resp: 14996
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 0.0 47.8 71.6#

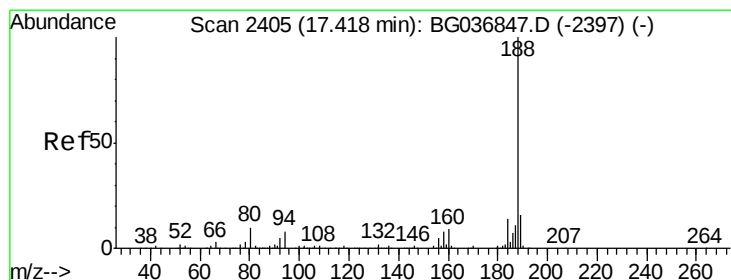
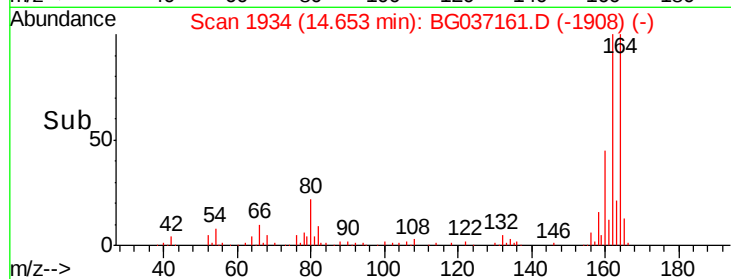
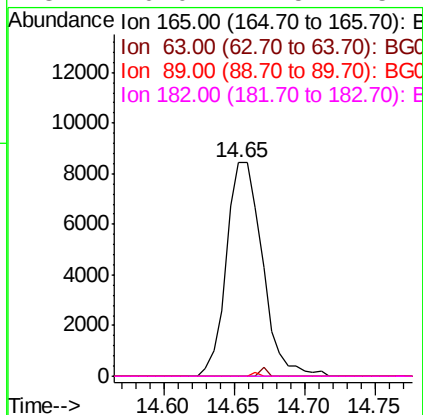
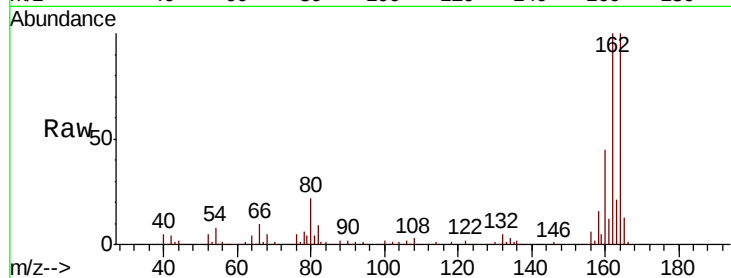




#56
2,4-Dinitrotoluene
Concen: 5.300 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.38 min
Lab File: BG037161.D
Acq: 4 Oct 2018 18:49

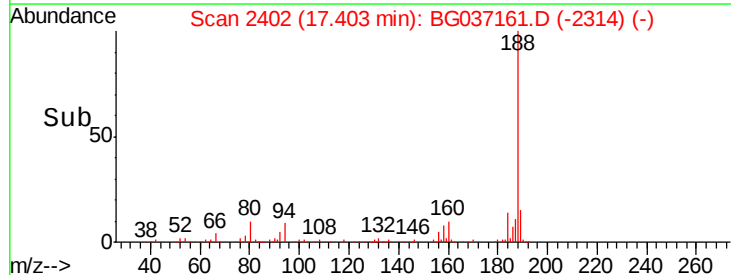
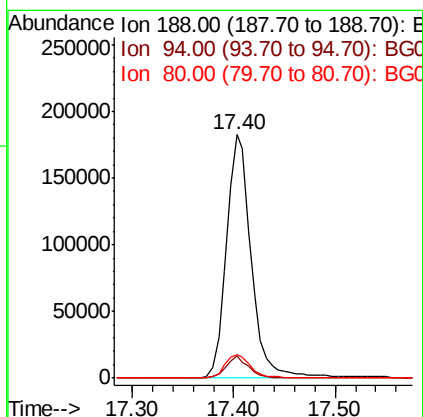
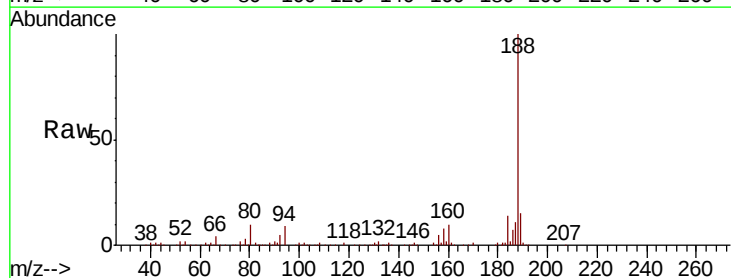
Instrument :
BNA_G
ClientSampleId :
CL-01-100218-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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: BG037161.D
Acq: 4 Oct 2018 18:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.7	10.1
80	9.5	8.1	12.1

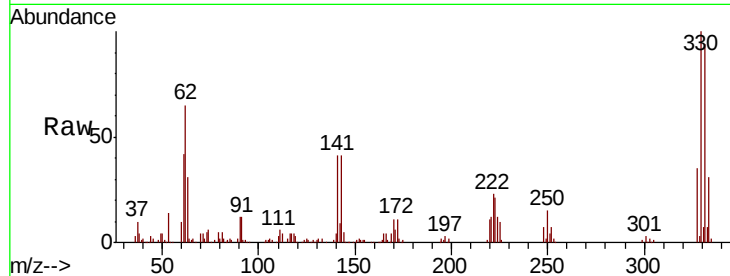




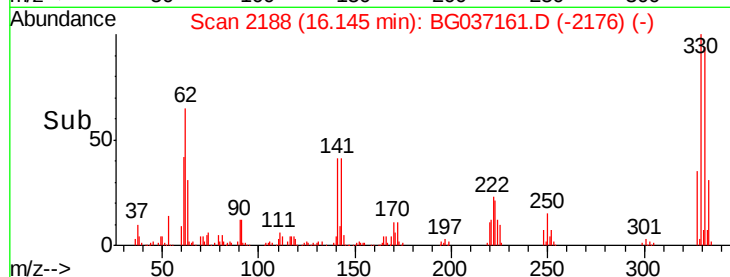
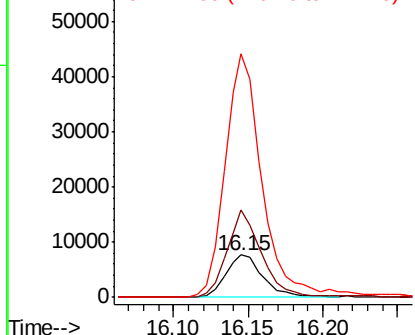
#66
 4-Bromophenyl-phenylether
 Concen: 3.855 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.46 min
 Lab File: BG037161.D
 Acq: 4 Oct 2018 18:49

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

Tgt Ion:248 Resp: 13515
 Ion Ratio Lower Upper
 248 100
 250 206.0 78.1 117.1#
 141 572.5 53.7 80.5#

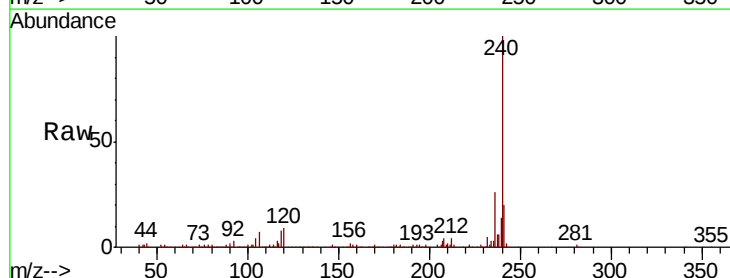


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

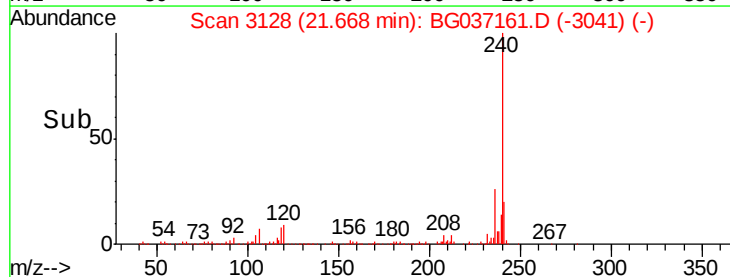
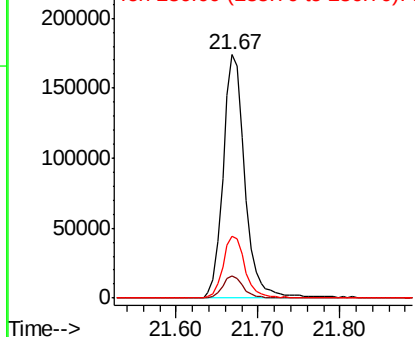


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG037161.D
 Acq: 4 Oct 2018 18:49

Tgt Ion:240 Resp: 322642
 Ion Ratio Lower Upper
 240 100
 120 9.3 6.9 10.3
 236 25.7 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

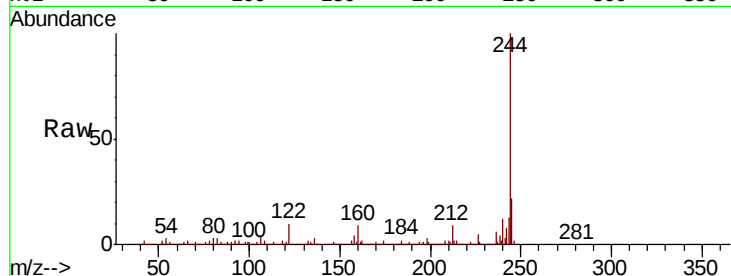




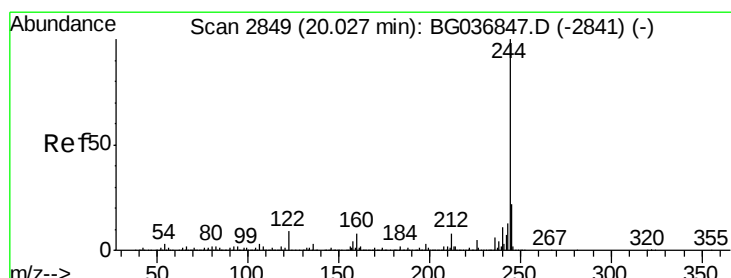
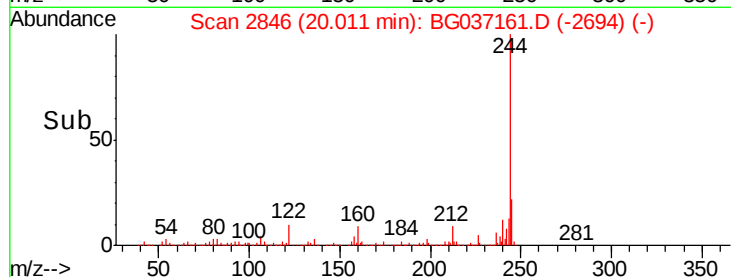
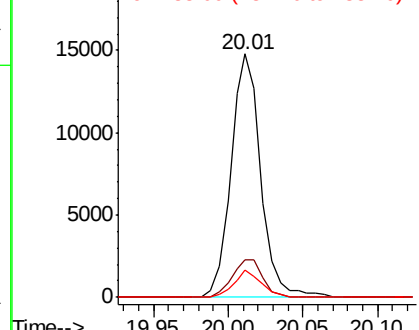
#76
Benzidine
Concen: 2.107 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG037161.D
Acq: 4 Oct 2018 18:49

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

Tgt Ion:184 Resp: 20549
Ion Ratio Lower Upper
184 100
185 15.5 12.6 18.8
183 11.0 10.9 16.3

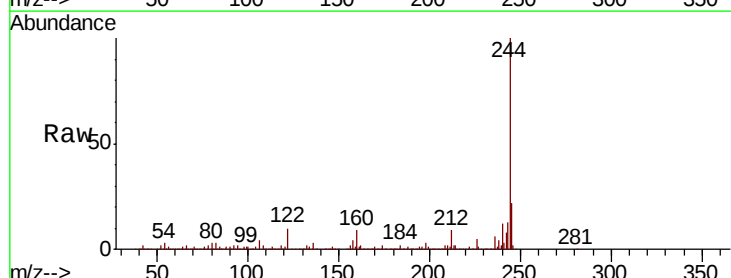


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

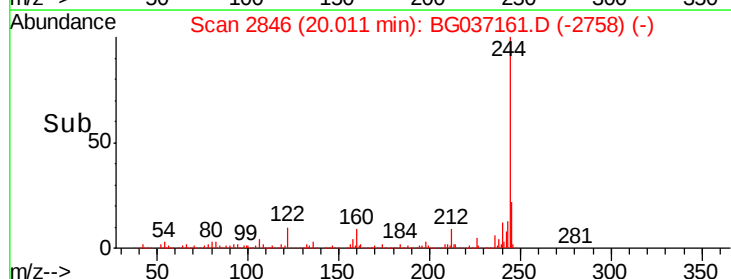
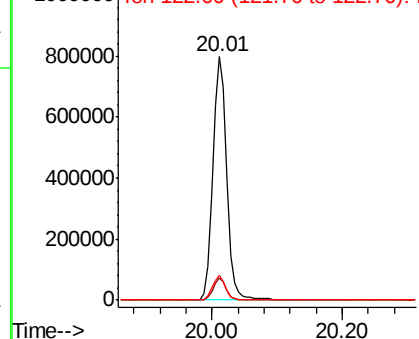


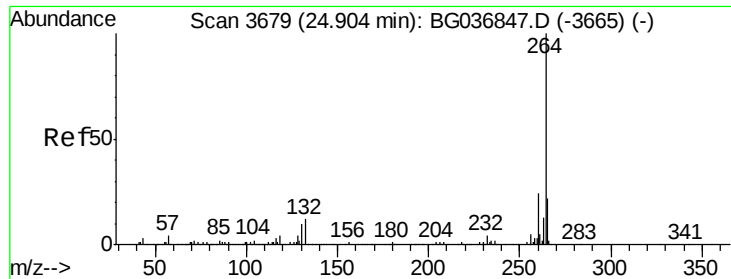
#78
Terphenyl-d14
Concen: 95.608 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037161.D
Acq: 4 Oct 2018 18:49

Tgt Ion:244 Resp: 1173128
Ion Ratio Lower Upper
244 100
212 8.9 7.0 10.6
122 10.4 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: 24.87 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG037161.D
Acq: 4 Oct 2018 18:49

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.2	17.4	26.0

