

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
 Data File : BG037163.D
 Acq On : 4 Oct 2018 20:06
 Operator : JU/SJ
 Sample : J5198-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 05 01:42:36 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

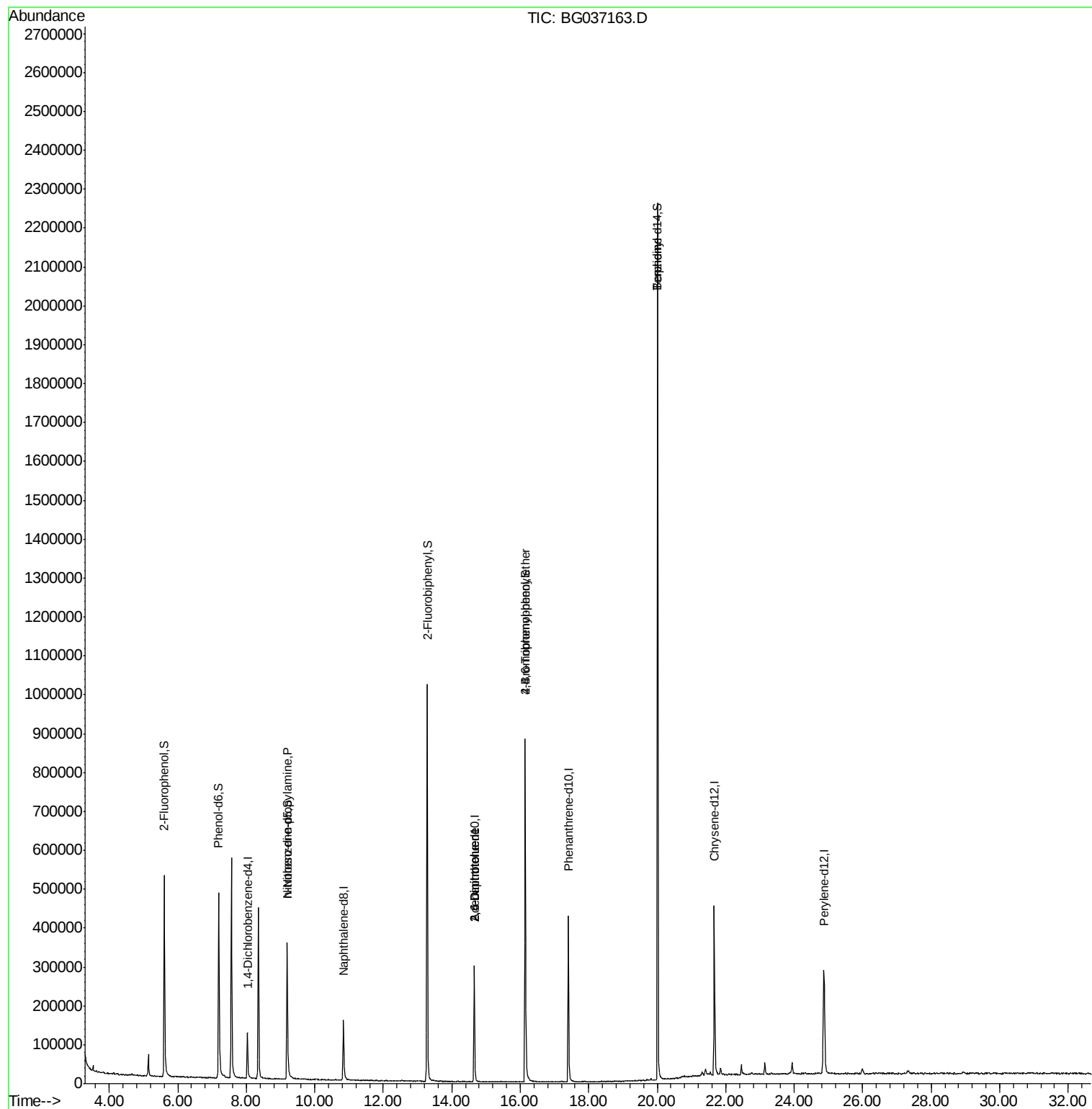
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38267	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	158647	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	111440	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	299762	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	305818	20.00	ng	-0.02
86) Perylene-d12	24.87	264	300945	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	246083	123.33	ng	-0.01
7) Phenol-d6	7.20	99	322671	104.52	ng	-0.02
23) Nitrobenzene-d5	9.19	82	263250	88.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	179628	134.72	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	581671	77.74	ng	-0.02
78) Terphenyl-d14	20.01	244	1110753	95.50	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	34658	13.495	ng	# 74
50) 2,6-Dinitrotoluene	14.66	165	13863	7.083	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	13863	5.076	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	12351	3.622	ng	# 1
76) Benzidine	20.01	184	19666	2.127	ng	# 93

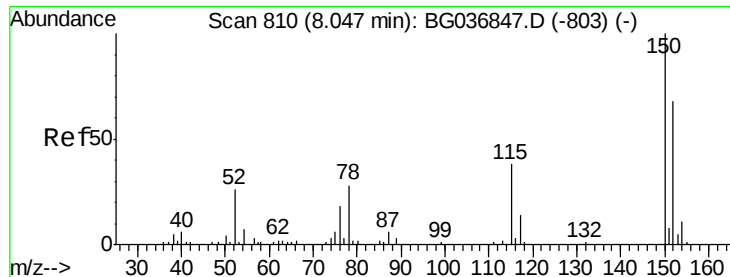
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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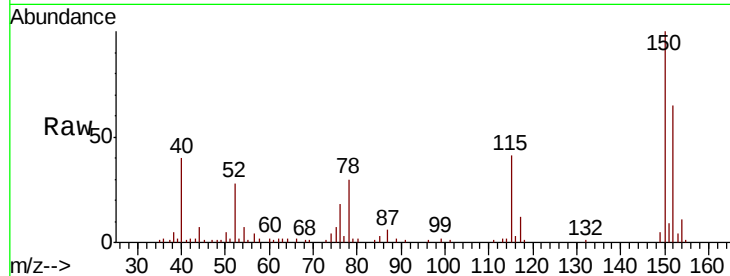


#1

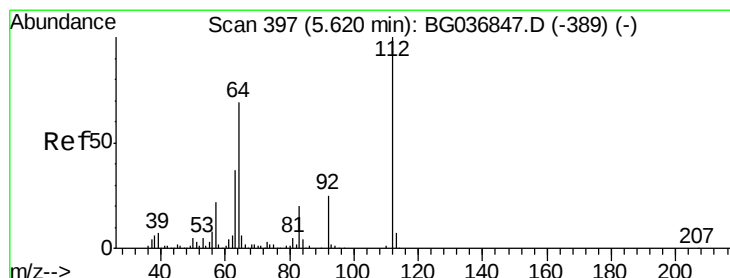
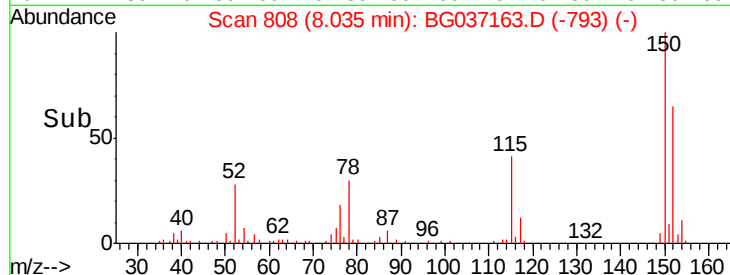
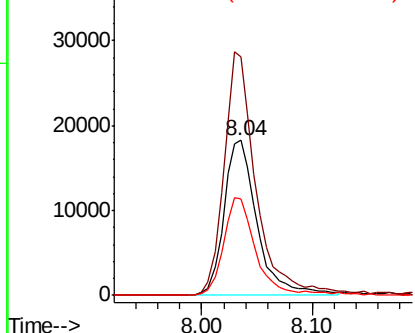
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037163.D
Acq: 4 Oct 2018 20:06

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

Tgt Ion:152 Resp: 38267
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 62.4 44.5 66.7



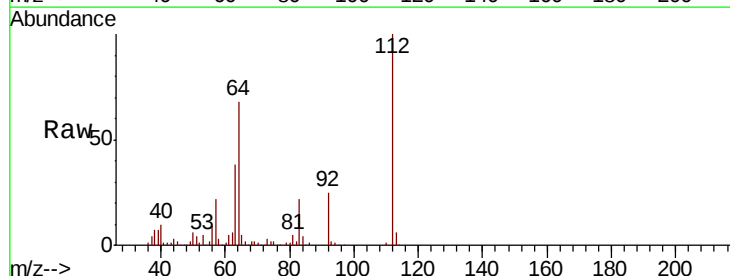
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



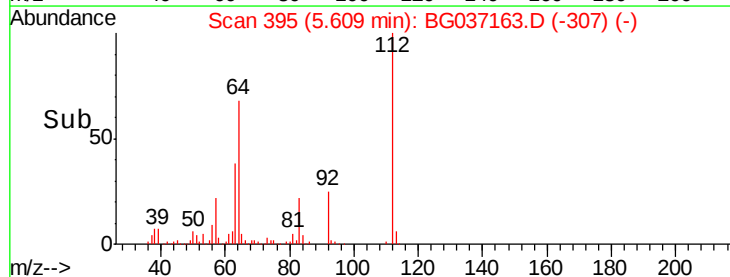
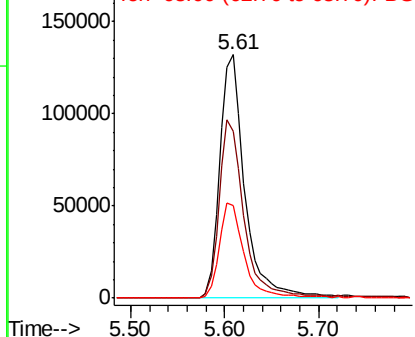
#5

2-Fluorophenol
Concen: 123.327 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037163.D
Acq: 4 Oct 2018 20:06

Tgt Ion:112 Resp: 246083
Ion Ratio Lower Upper
112 100
64 68.3 57.2 85.8
63 38.1 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: 104.519 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037163.D

Acq: 4 Oct 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-D

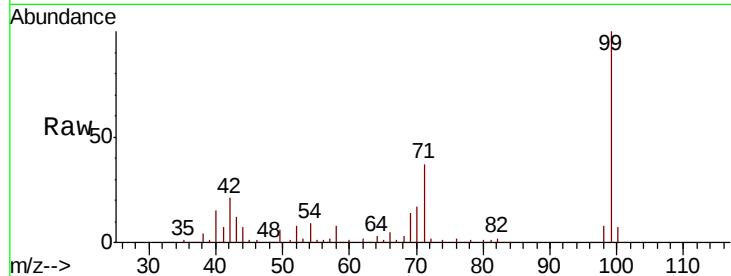
Tgt Ion: 99 Resp: 322671

Ion Ratio Lower Upper

99 100

42 21.3 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

200000

150000

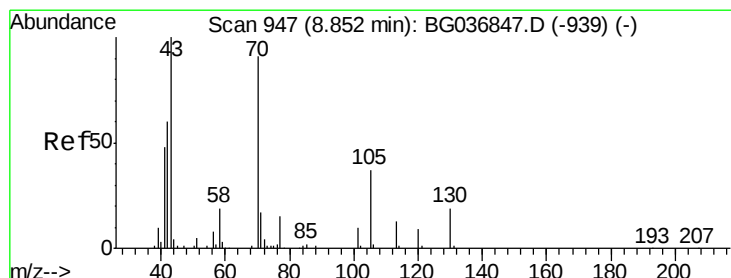
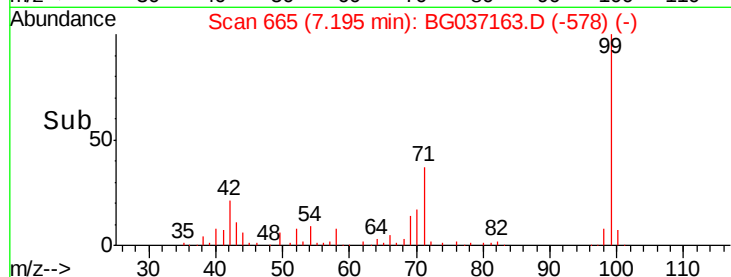
100000

50000

0

7.10 7.20 7.30

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 13.495 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037163.D

Acq: 4 Oct 2018 20:06

Tgt Ion: 70 Resp: 34658

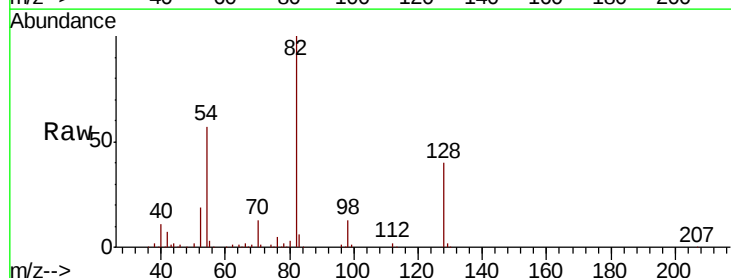
Ion Ratio Lower Upper

70 100

42 51.6 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 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

25000

20000

15000

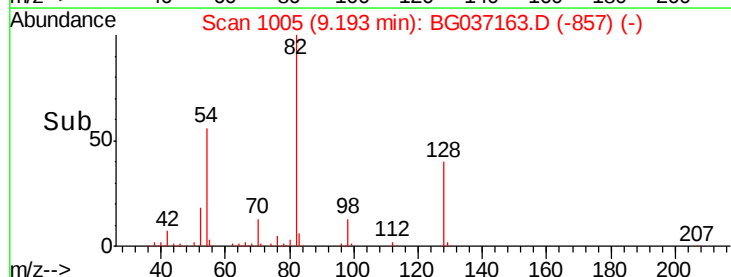
10000

5000

0

9.10 9.20 9.30

Time-->

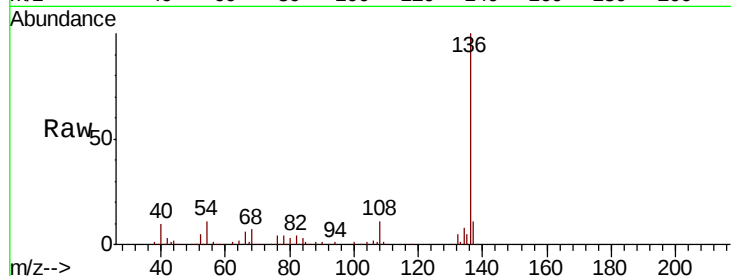




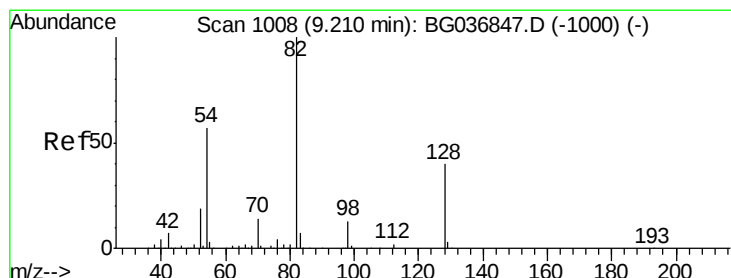
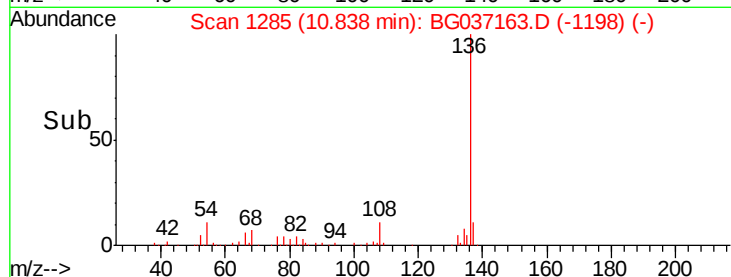
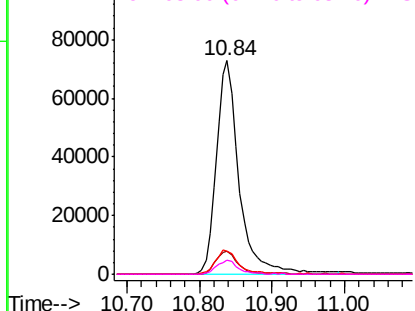
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037163.D
Acq: 4 Oct 2018 20:06

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

Tgt Ion:	136	Resp:	158647
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.0	9.2	13.8
68	6.8	5.8	8.6

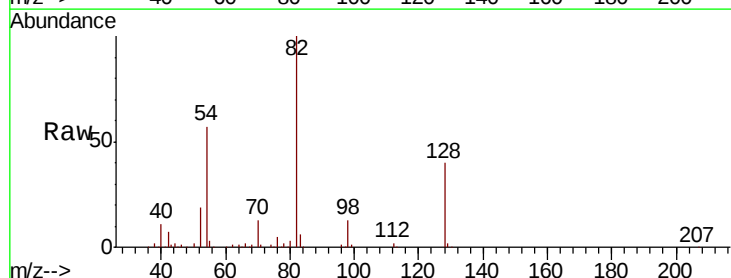


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

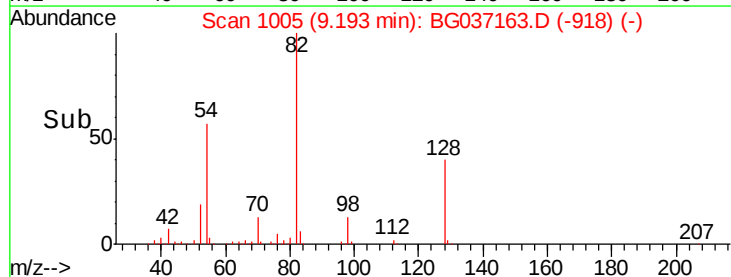
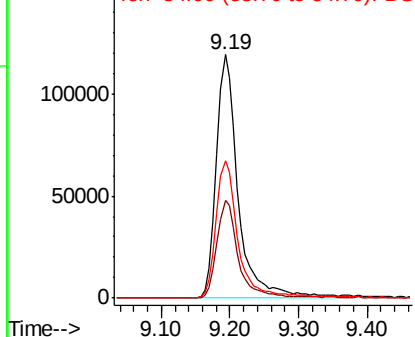


#23
Nitrobenzene-d5
Concen: 88.860 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037163.D
Acq: 4 Oct 2018 20:06

Tgt Ion:	82	Resp:	263250
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	56.6	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: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037163.D

Acq: 4 Oct 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-D

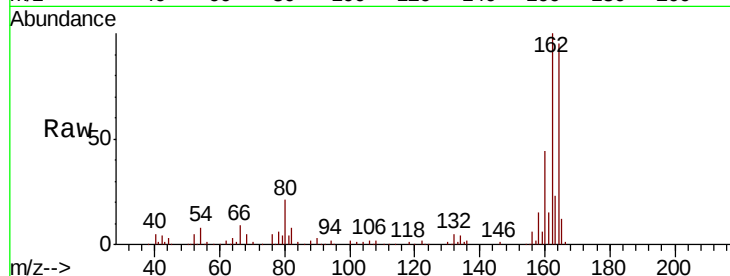
Tgt Ion:164 Resp: 111440

Ion Ratio Lower Upper

164 100

162 104.9 80.7 121.1

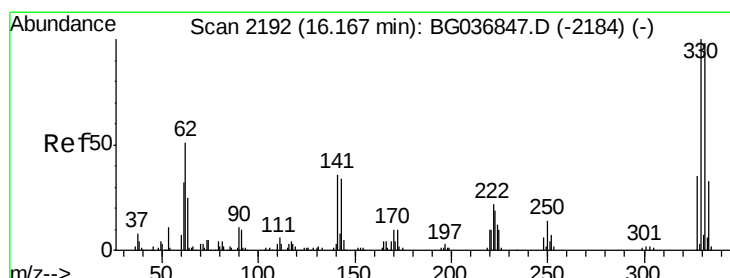
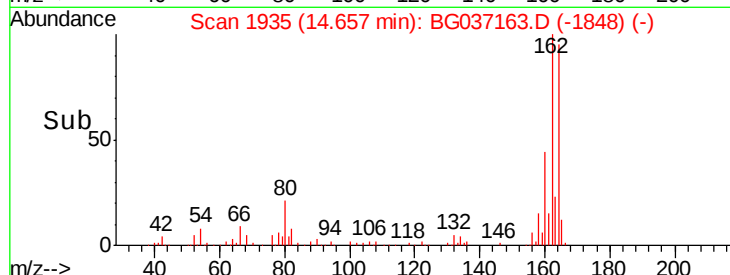
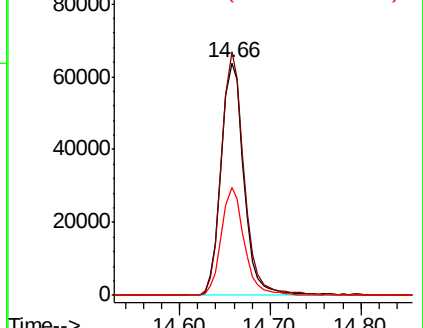
160 46.5 35.3 52.9



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: 134.723 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037163.D

Acq: 4 Oct 2018 20:06

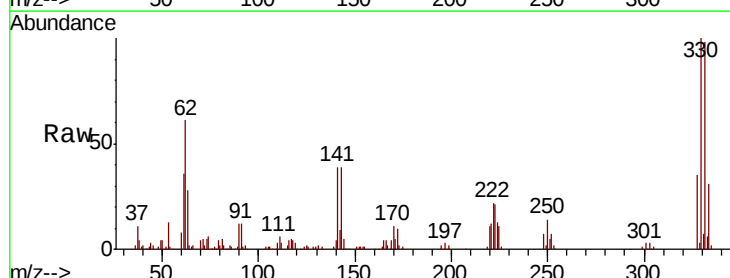
Tgt Ion:330 Resp: 179628

Ion Ratio Lower Upper

330 100

332 95.8 75.4 113.2

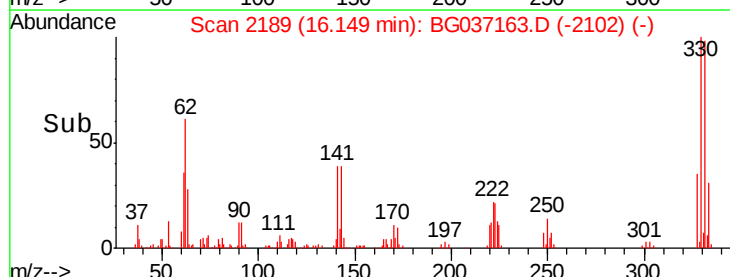
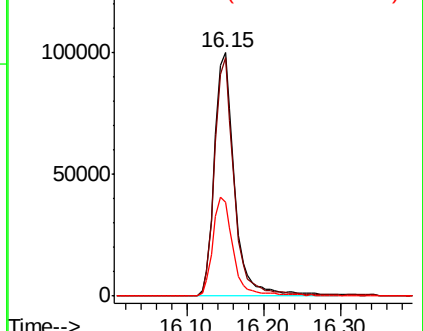
141 41.3 30.7 46.1



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

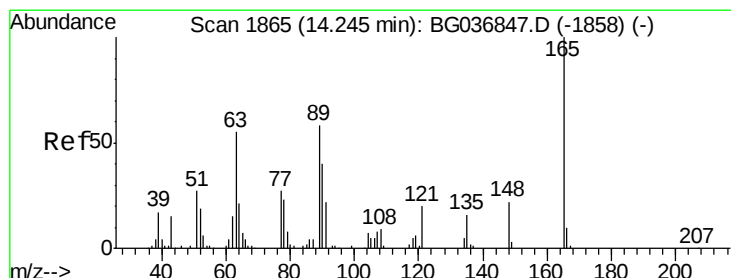
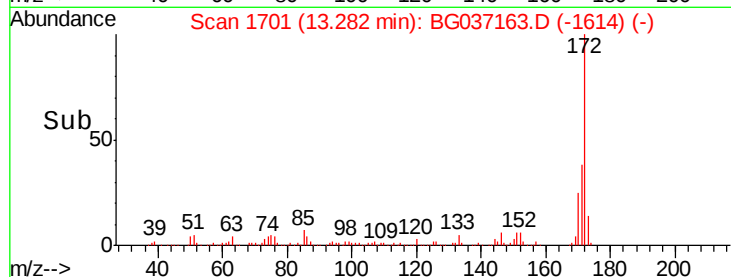
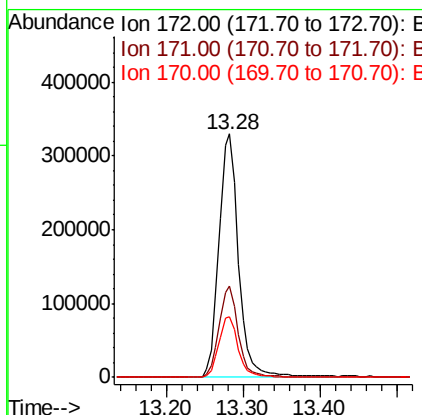
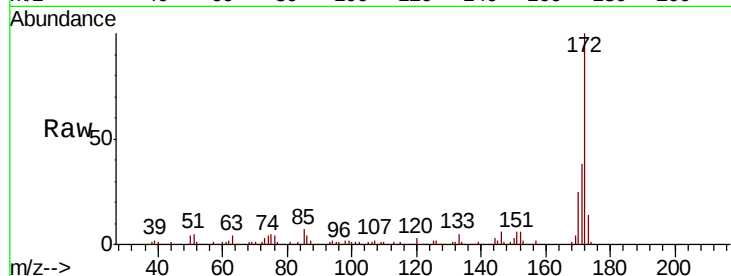




#44
 2-Fluorobiphenyl
 Concen: 77.740 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037163.D
 Acq: 4 Oct 2018 20:06

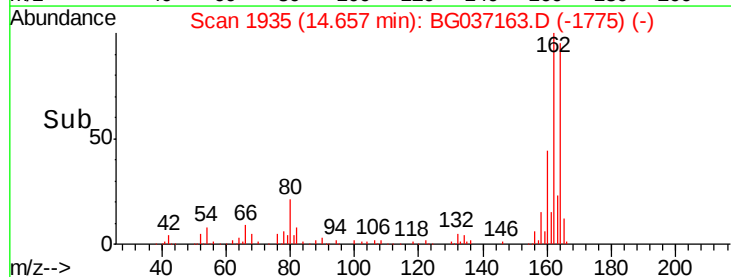
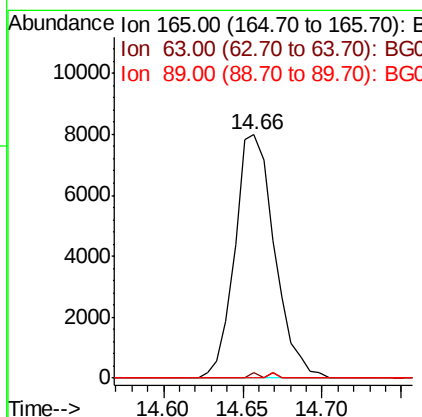
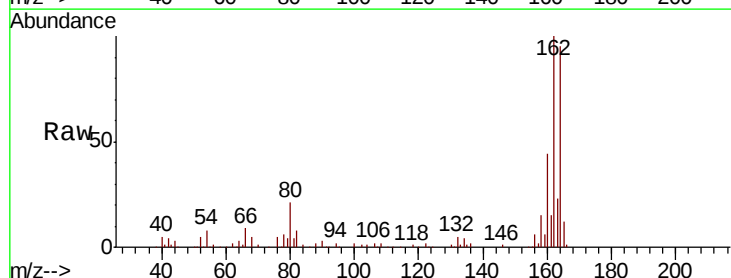
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-D

Tgt Ion:172 Resp: 581671
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.3 46.9
 170 24.7 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.083 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.41 min
 Lab File: BG037163.D
 Acq: 4 Oct 2018 20:06

Tgt Ion:165 Resp: 13863
 Ion Ratio Lower Upper
 165 100
 63 2.3 50.1 75.1#
 89 0.0 47.8 71.6#

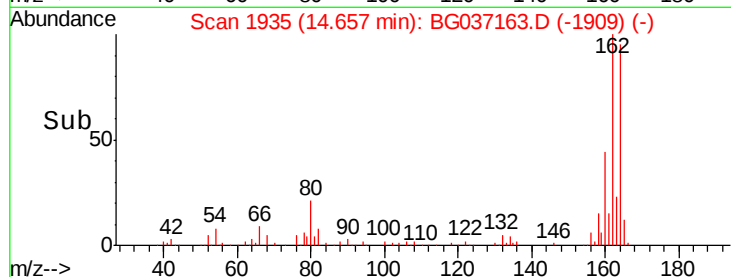
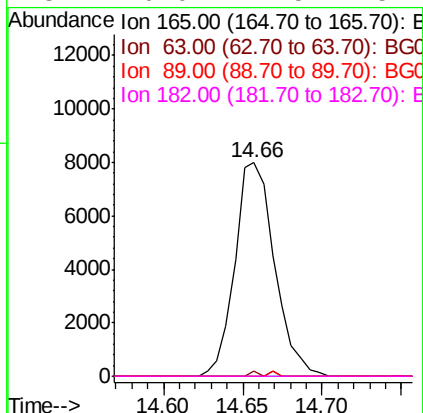
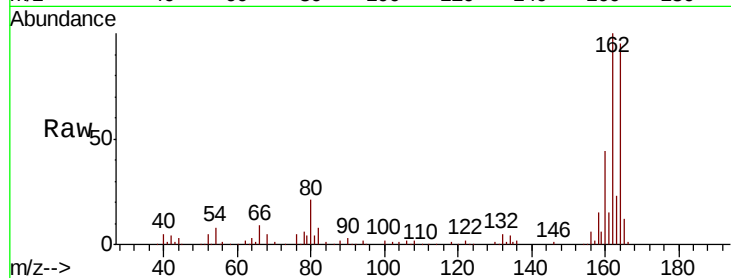




#56
2,4-Dinitrotoluene
Concen: 5.076 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.38 min
Lab File: BG037163.D
Acq: 4 Oct 2018 20:06

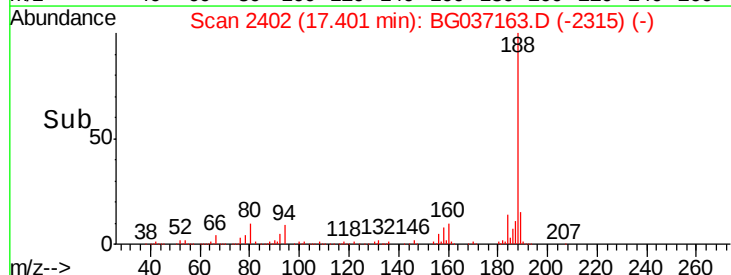
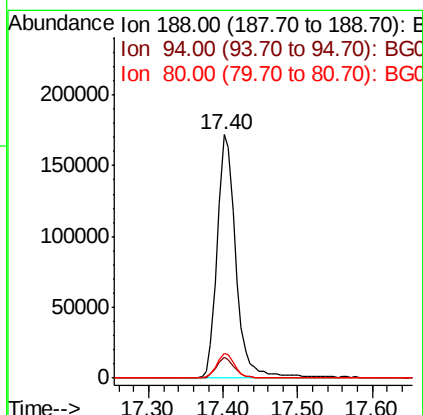
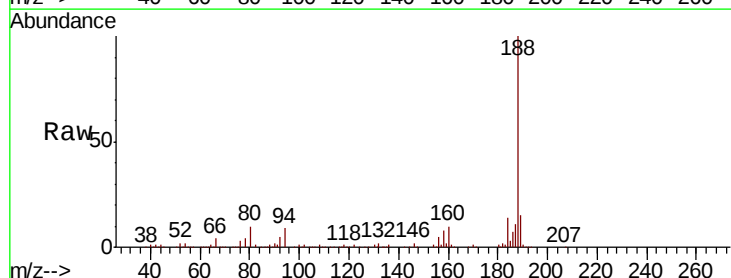
Instrument :
BNA_G
ClientSampleId :
CL-01-100218-D

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	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: BG037163.D
Acq: 4 Oct 2018 20:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	10.3	8.1	12.1

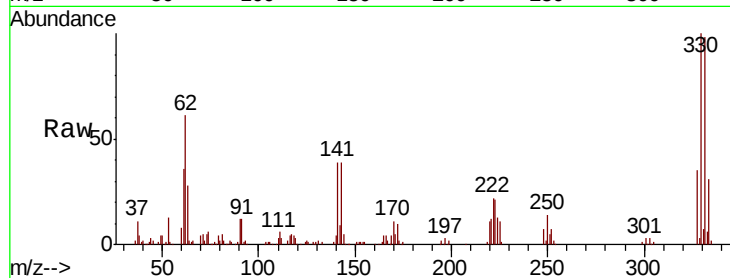




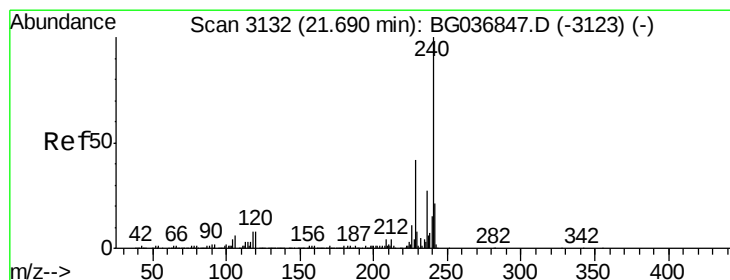
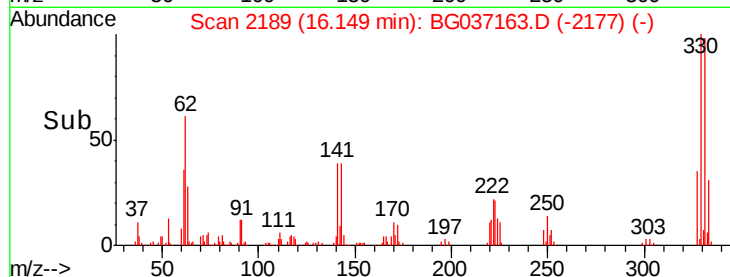
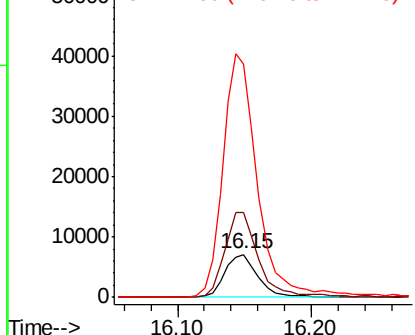
#66
 4-Bromophenyl-phenylether
 Concen: 3.622 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037163.D
 Acq: 4 Oct 2018 20:06

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

Tgt Ion:248 Resp: 12351
 Ion Ratio Lower Upper
 248 100
 250 196.9 78.1 117.1#
 141 543.0 53.7 80.5#

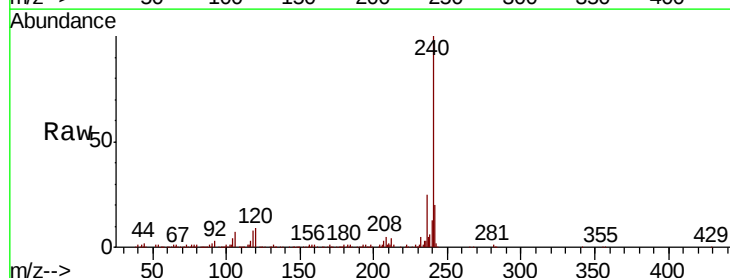


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

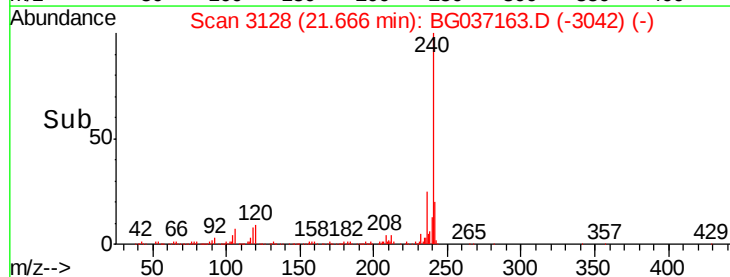
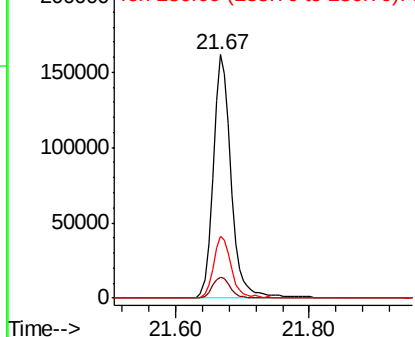


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG037163.D
 Acq: 4 Oct 2018 20:06

Tgt Ion:240 Resp: 305818
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.9 10.3
 236 25.4 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

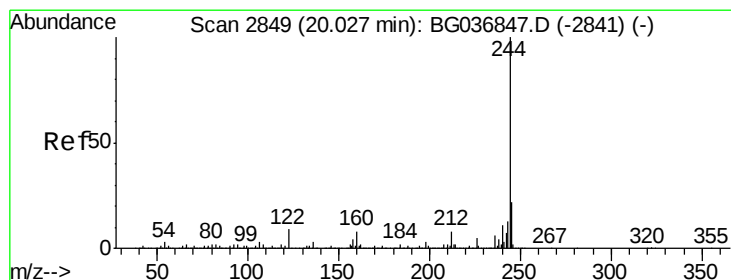
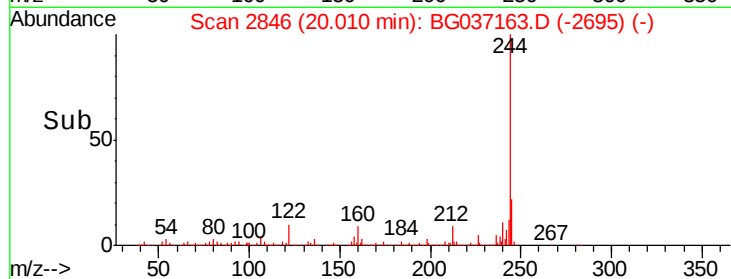
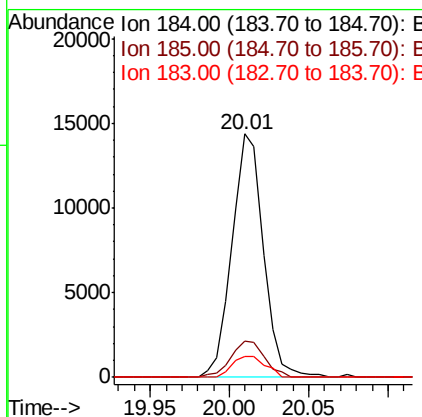
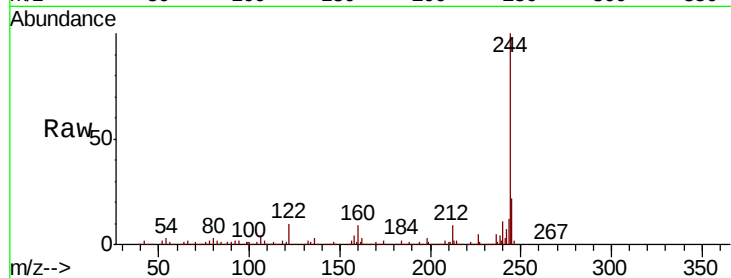




#76
Benzidine
Concen: 2.127 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG037163.D
Acq: 4 Oct 2018 20:06

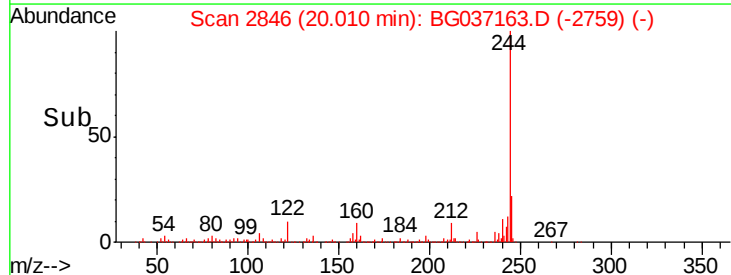
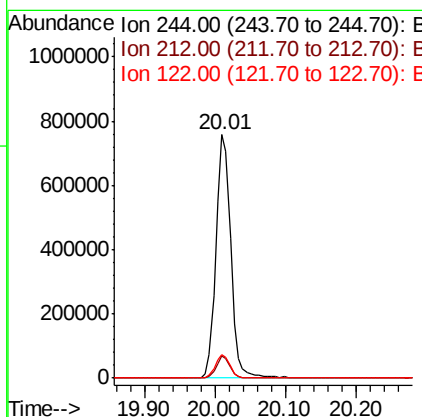
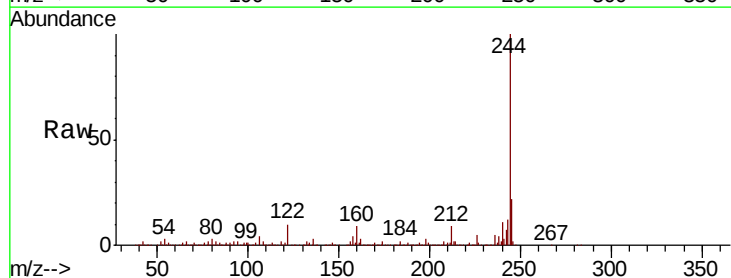
Instrument :
BNA_G
ClientSampleId :
CL-01-100218-D

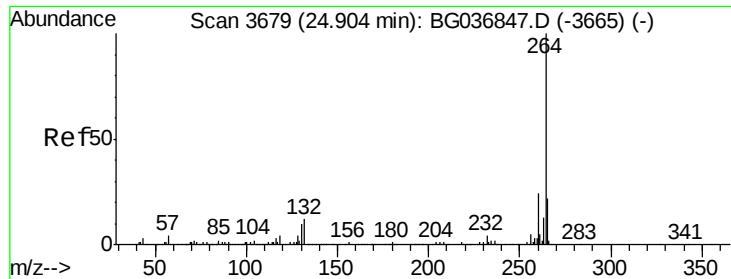
Tgt Ion:184 Resp: 19666
Ion Ratio Lower Upper
184 100
185 14.9 12.6 18.8
183 8.7 10.9 16.3#



#78
Terphenyl-d14
Concen: 95.505 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037163.D
Acq: 4 Oct 2018 20:06

Tgt Ion:244 Resp: 1110753
Ion Ratio Lower Upper
244 100
212 9.0 7.0 10.6
122 9.6 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG037163.D
Acq: 4 Oct 2018 20:06

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.2	17.4	26.0

