

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
 Data File : BG037162.D
 Acq On : 4 Oct 2018 19:28
 Operator : JU/SJ
 Sample : J5198-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 05 01:42:27 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

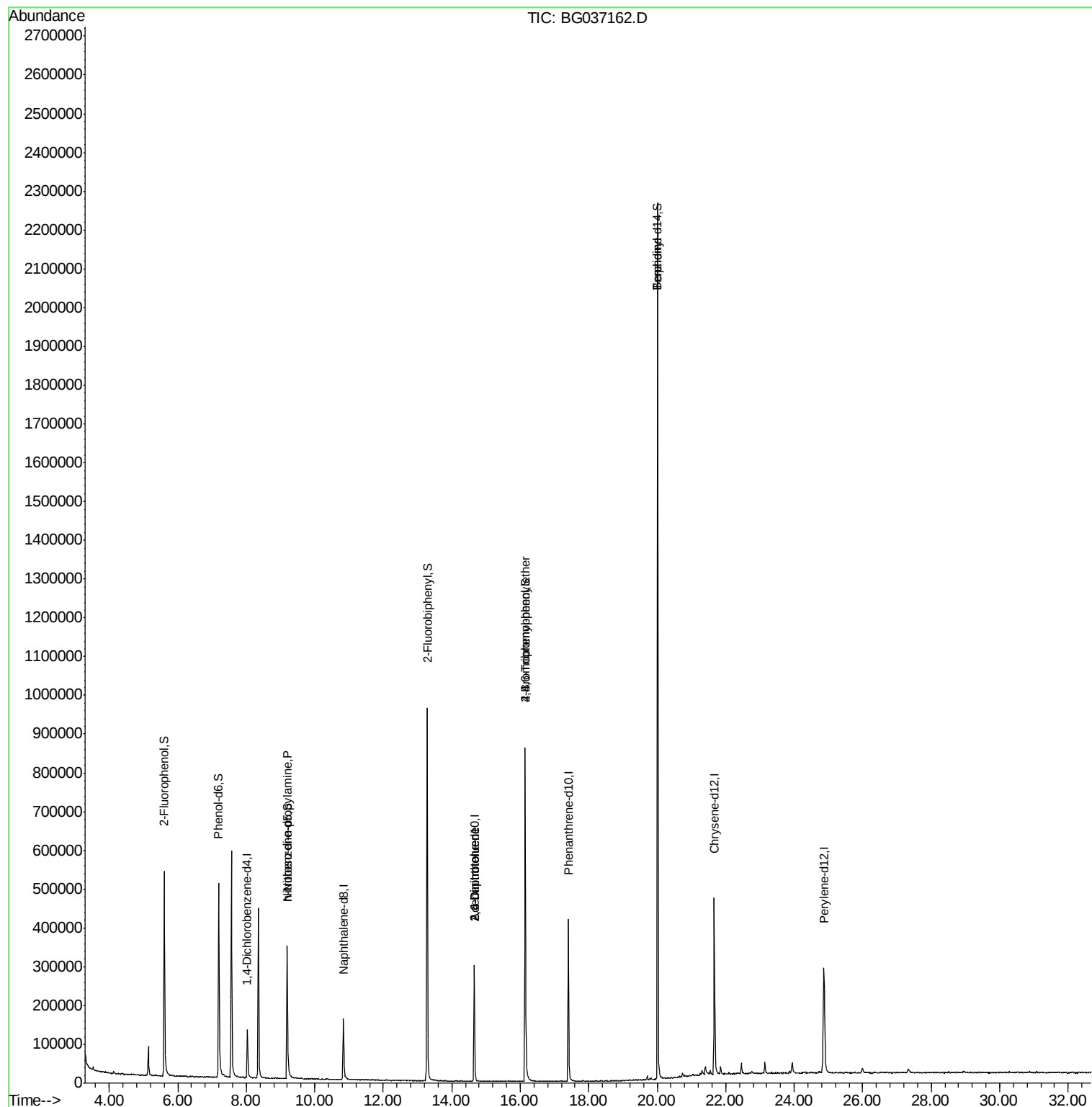
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40646	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	163577	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	112277	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	299773	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	310900	20.00	ng	-0.02
86) Perylene-d12	24.86	264	307727	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	254483	120.07	ng	-0.01
7) Phenol-d6	7.20	99	339303	103.47	ng	-0.02
23) Nitrobenzene-d5	9.19	82	259796	85.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	173647	129.27	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	557494	73.95	ng	-0.02
78) Terphenyl-d14	20.01	244	1089785	92.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	34374	12.601	ng	# 73
50) 2,6-Dinitrotoluene	14.66	165	13544	6.869	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	13544	4.922	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	12217	3.583	ng	# 1
76) Benzidine	20.01	184	19674	2.093	ng	# 88

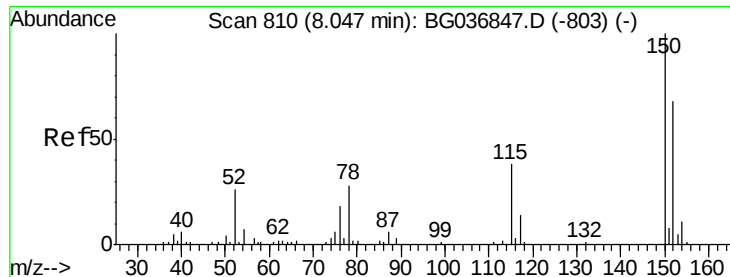
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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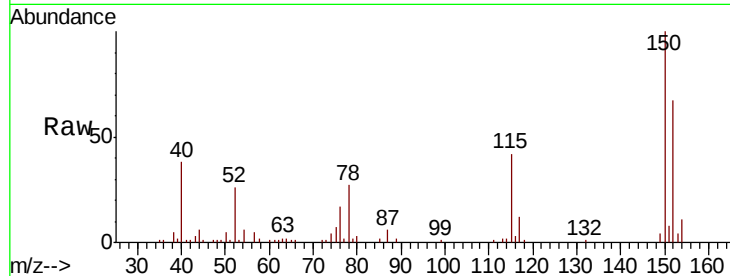


#1

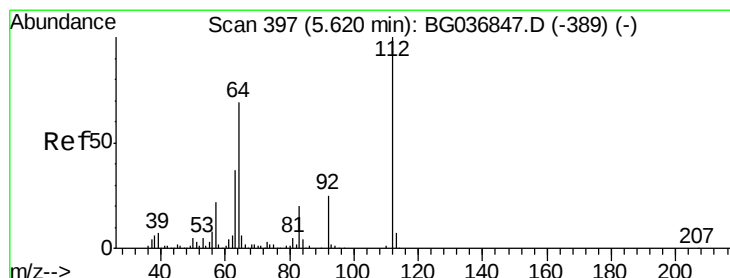
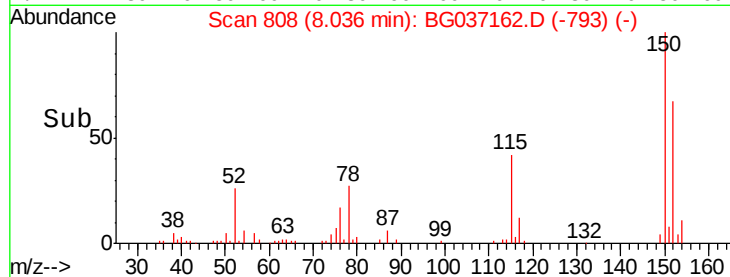
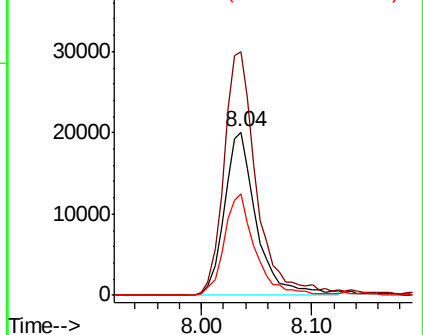
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037162.D
Acq: 4 Oct 2018 19:28

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

Tgt Ion:152 Resp: 40646
Ion Ratio Lower Upper
152 100
150 149.2 119.5 179.3
115 62.5 44.5 66.7



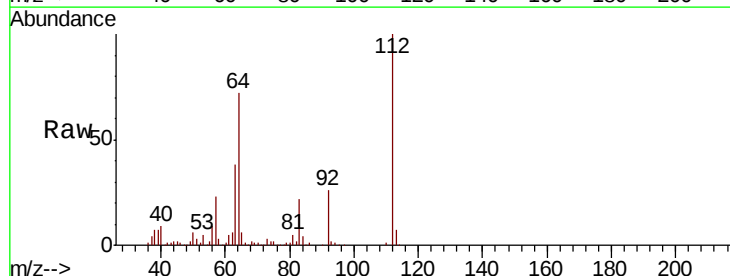
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



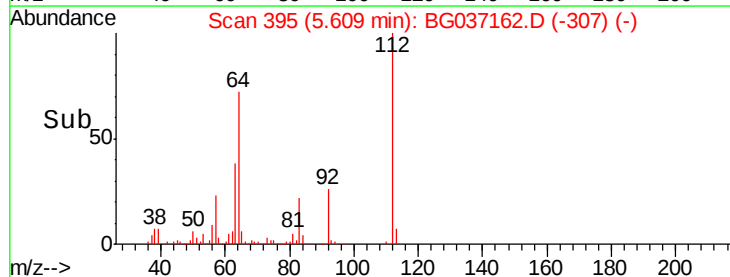
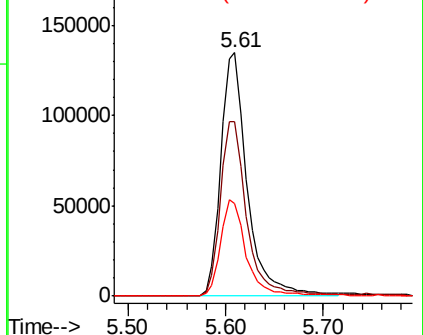
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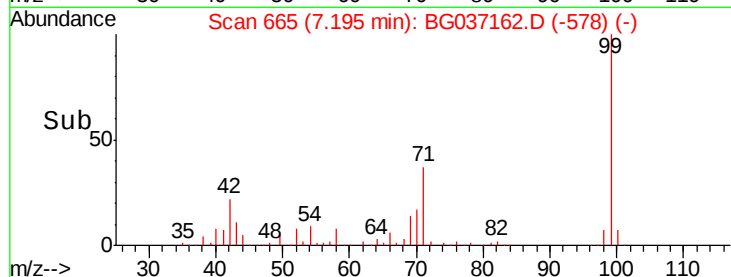
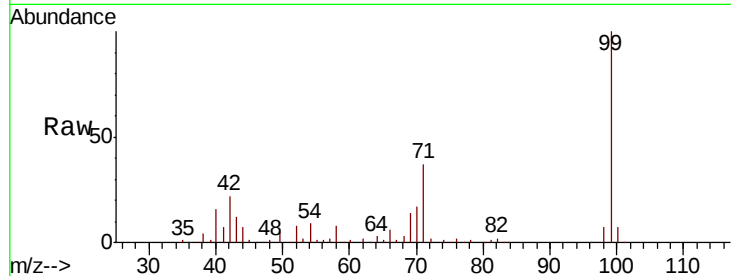
2-Fluorophenol
Concen: 120.072 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037162.D
Acq: 4 Oct 2018 19:28

Tgt Ion:112 Resp: 254483
Ion Ratio Lower Upper
112 100
64 71.7 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 103.474 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037162.D

Acq: 4 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-C

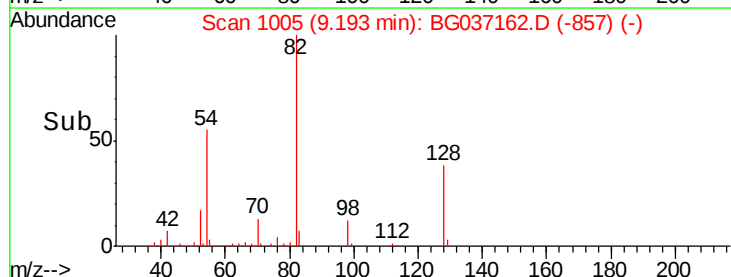
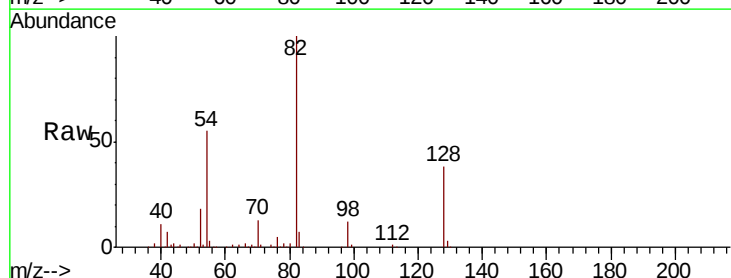
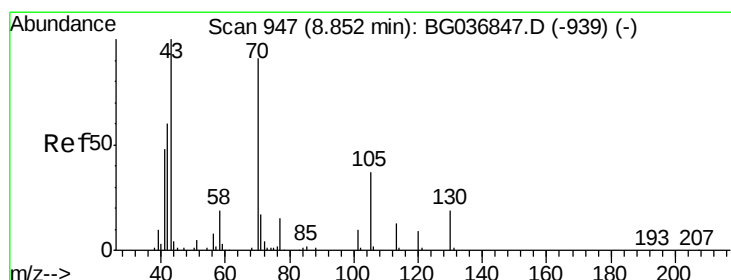
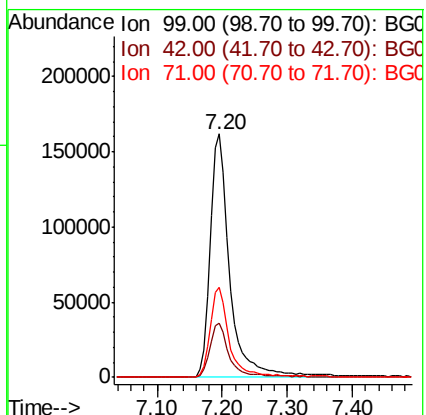
Tgt Ion: 99 Resp: 339303

Ion Ratio Lower Upper

99 100

42 22.2 16.5 24.7

71 36.8 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.601 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037162.D

Acq: 4 Oct 2018 19:28

Tgt Ion: 70 Resp: 34374

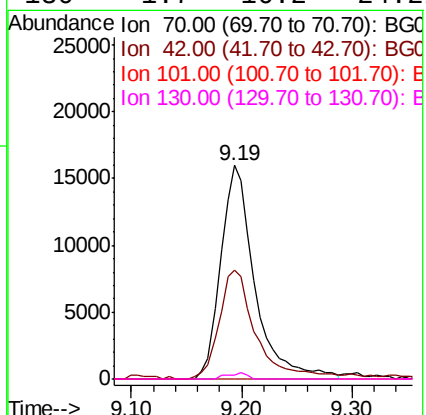
Ion Ratio Lower Upper

70 100

42 51.1 56.2 84.4#

101 0.0 7.8 11.6#

130 1.7 16.2 24.2#

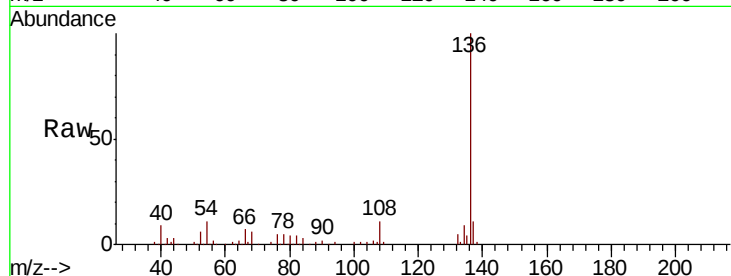




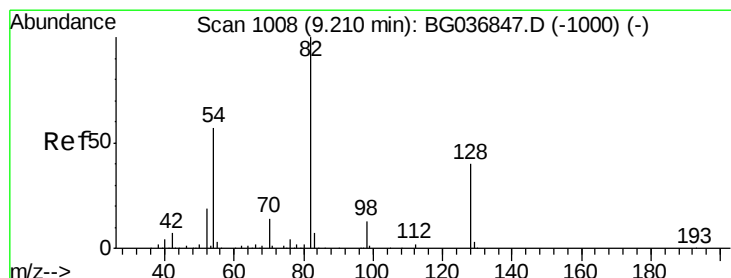
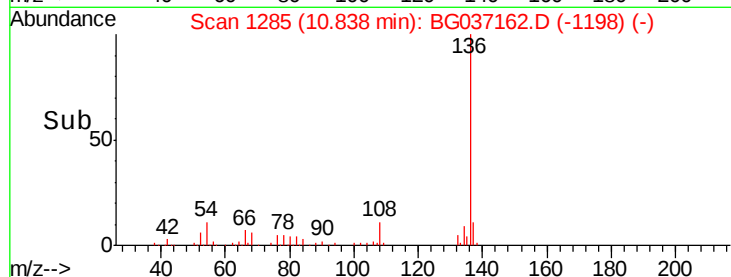
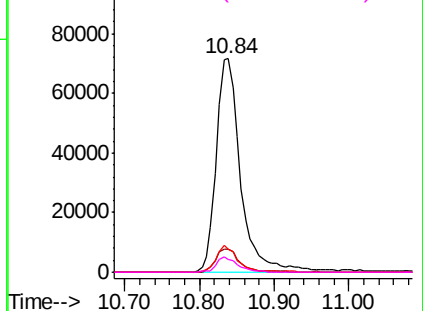
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037162.D
Acq: 4 Oct 2018 19:28

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

Tgt Ion:	136	Resp:	163577
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.7	9.2	13.8
68	6.3	5.8	8.6

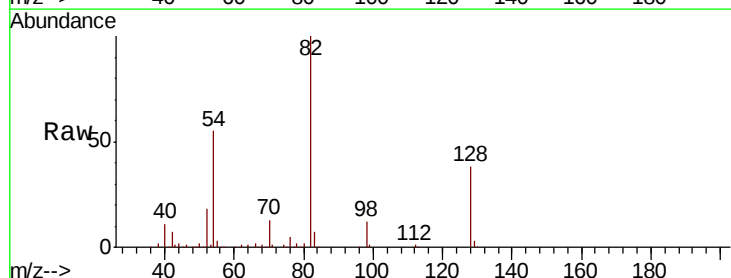


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

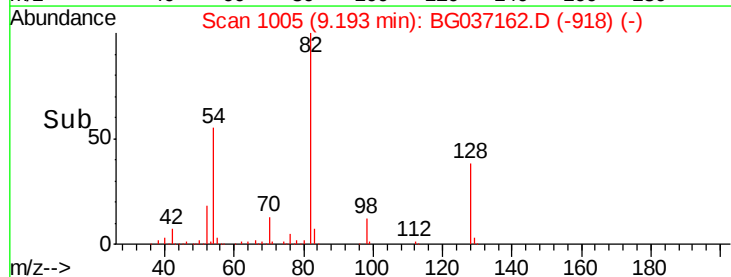
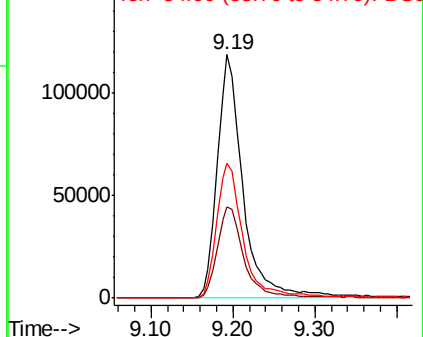


#23
Nitrobenzene-d5
Concen: 85.051 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037162.D
Acq: 4 Oct 2018 19:28

Tgt Ion:	82	Resp:	259796
Ion	Ratio	Lower	Upper
82	100		
128	37.7	33.3	49.9
54	55.2	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: BG037162.D

Acq: 4 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-C

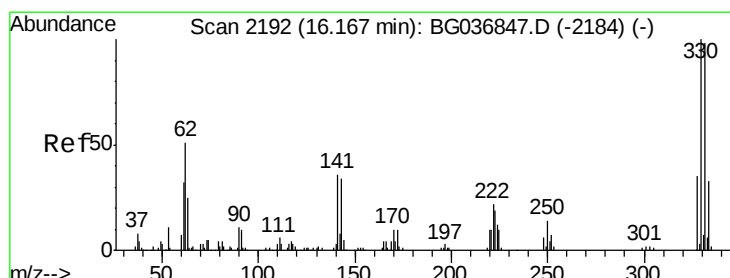
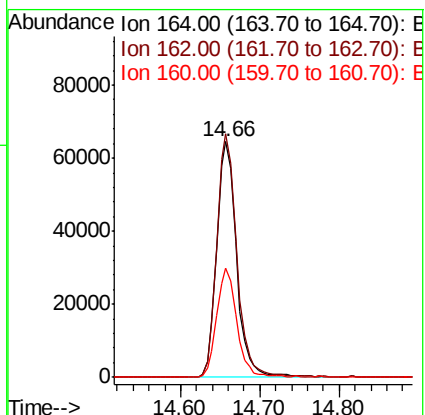
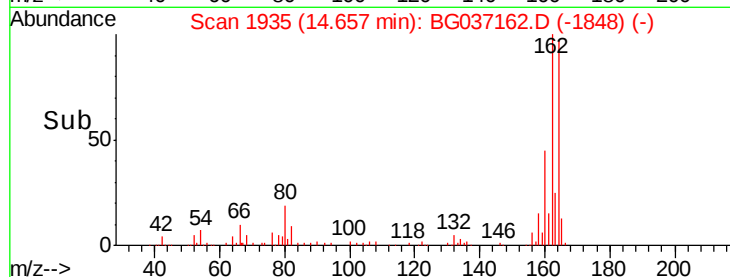
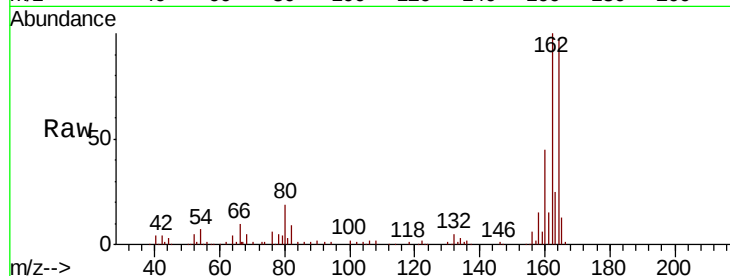
Tgt Ion:164 Resp: 112277

Ion Ratio Lower Upper

164 100

162 103.3 80.7 121.1

160 46.5 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 129.267 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037162.D

Acq: 4 Oct 2018 19:28

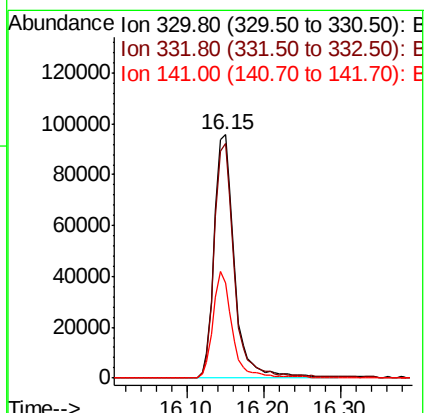
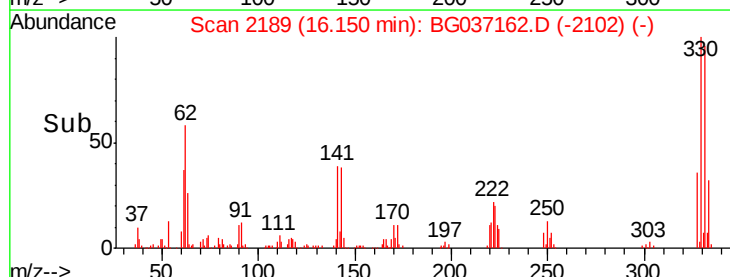
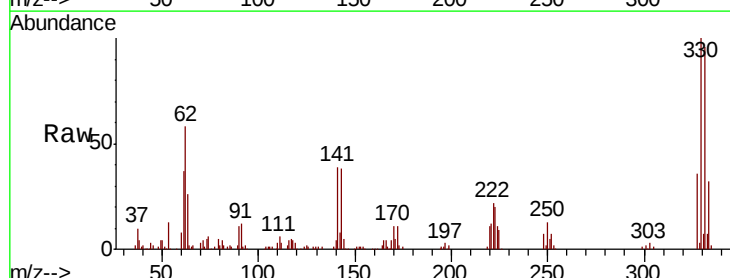
Tgt Ion:330 Resp: 173647

Ion Ratio Lower Upper

330 100

332 96.1 75.4 113.2

141 42.0 30.7 46.1

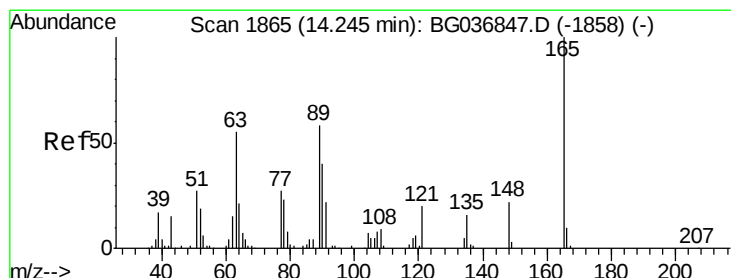
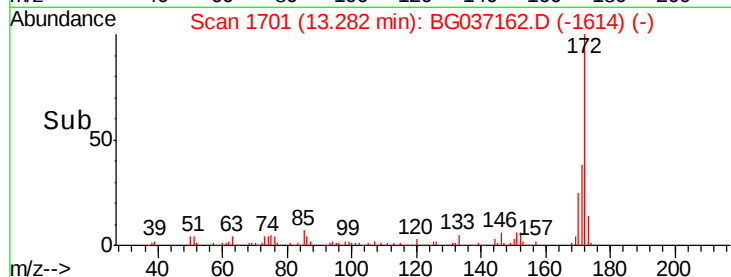
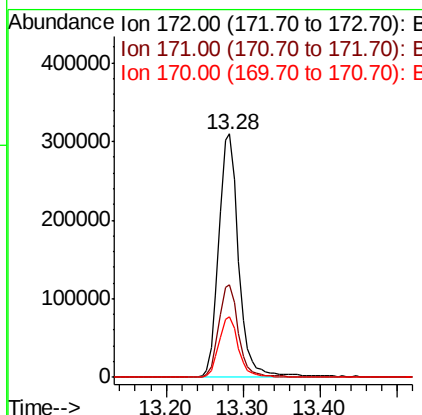
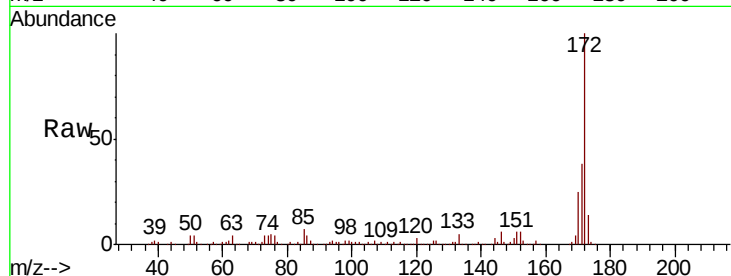




#44
 2-Fluorobiphenyl
 Concen: 73.953 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037162.D
 Acq: 4 Oct 2018 19:28

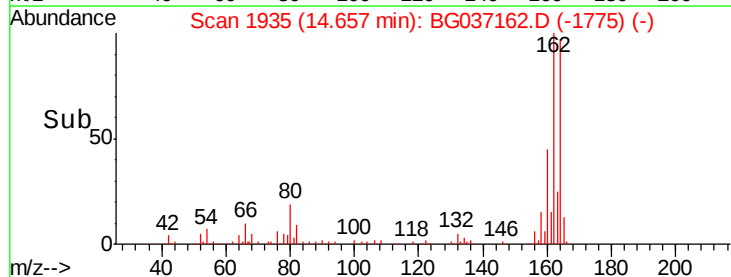
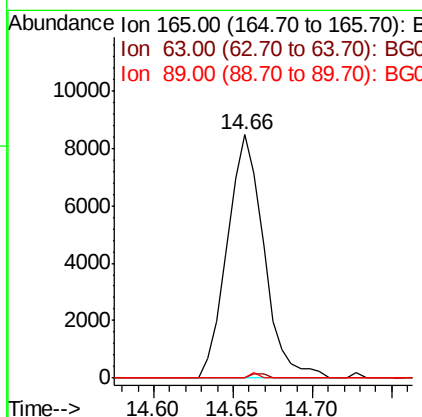
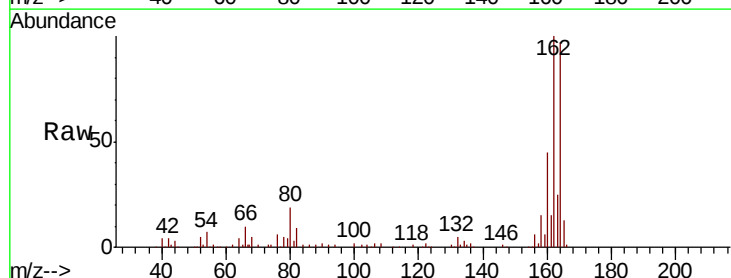
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-C

Tgt Ion:172 Resp: 557494
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 25.1 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 6.869 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.41 min
 Lab File: BG037162.D
 Acq: 4 Oct 2018 19:28

Tgt Ion:165 Resp: 13544
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 0.0 47.8 71.6#

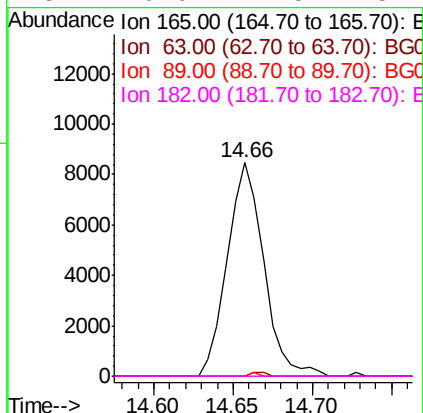
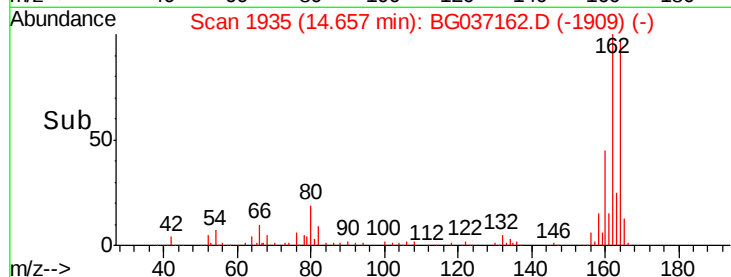
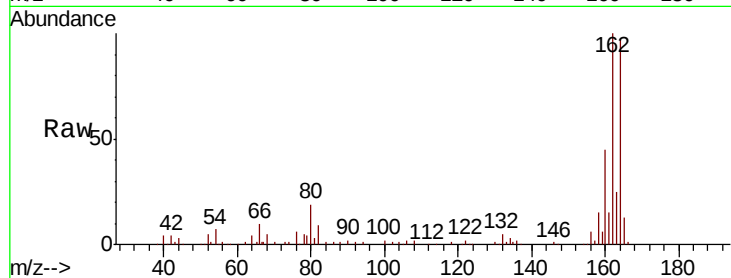




#56
 2,4-Dinitrotoluene
 Concen: 4.922 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.38 min
 Lab File: BG037162.D
 Acq: 4 Oct 2018 19:28

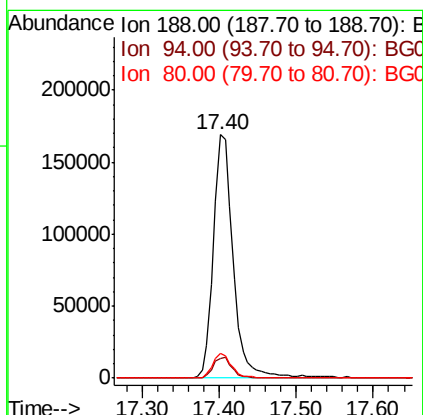
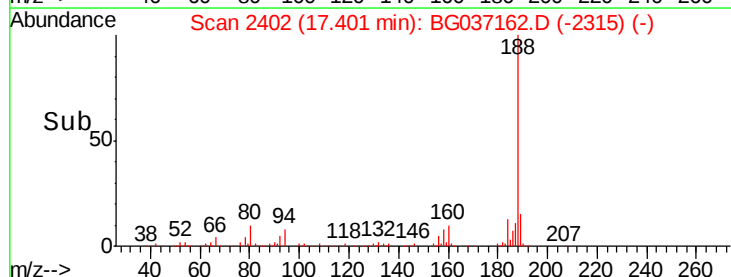
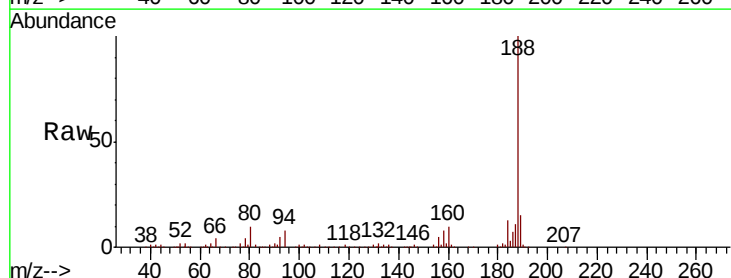
Instrument :
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 ClientSampleId :
 CL-01-100218-C

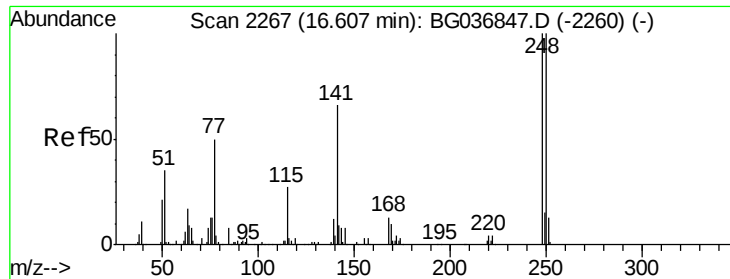
Tgt Ion:	165	Resp:	13544
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037162.D
 Acq: 4 Oct 2018 19:28

Tgt Ion:	188	Resp:	299773
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	10.4	8.1	12.1

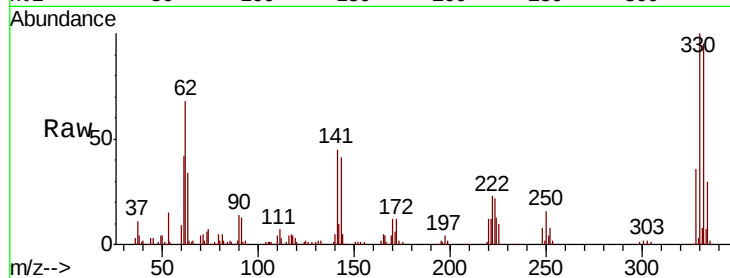




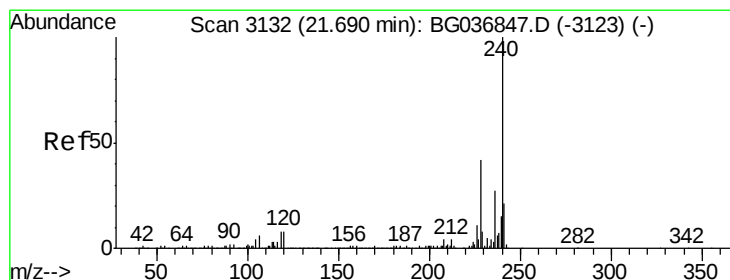
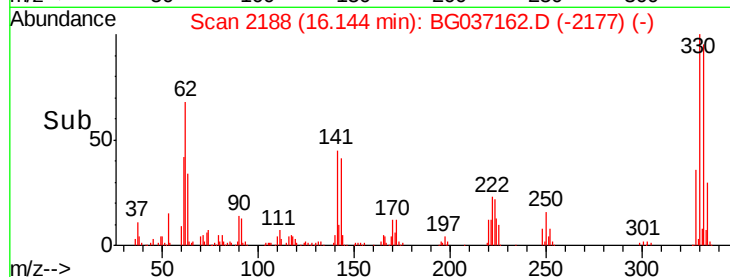
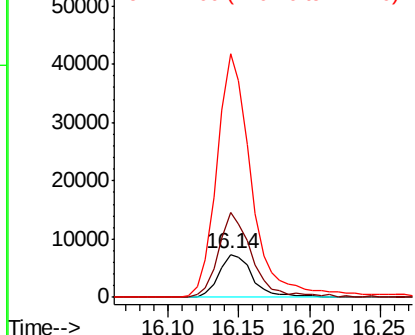
#66
 4-Bromophenyl-phenylether
 Concen: 3.583 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.46 min
 Lab File: BG037162.D
 Acq: 4 Oct 2018 19:28

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

Tgt Ion:248 Resp: 12217
 Ion Ratio Lower Upper
 248 100
 250 198.8 78.1 117.1#
 141 569.5 53.7 80.5#

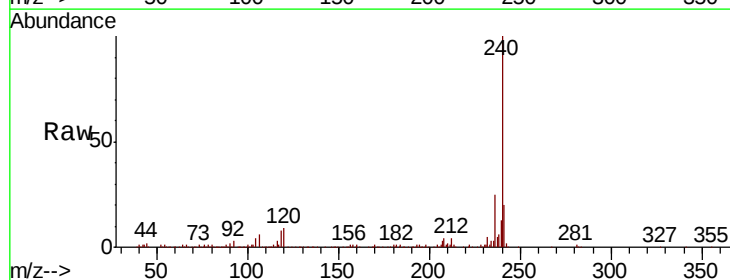


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

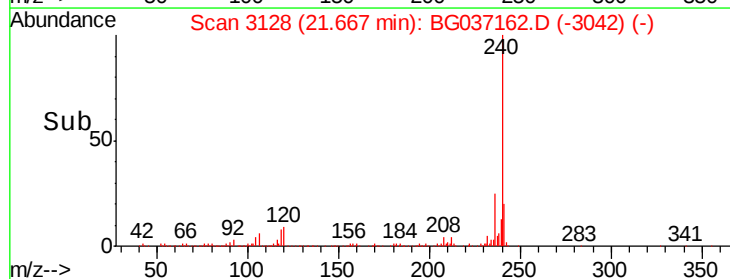
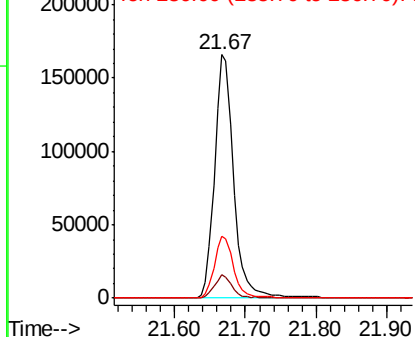


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG037162.D
 Acq: 4 Oct 2018 19:28

Tgt Ion:240 Resp: 310900
 Ion Ratio Lower Upper
 240 100
 120 9.4 6.9 10.3
 236 25.3 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

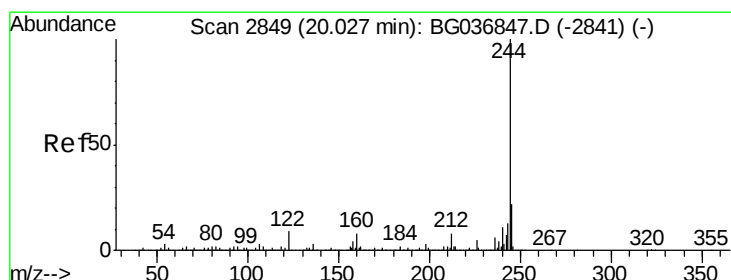
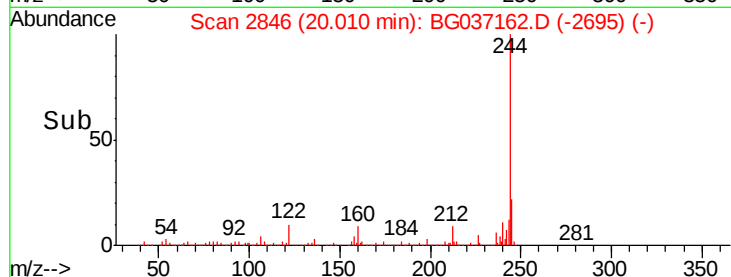
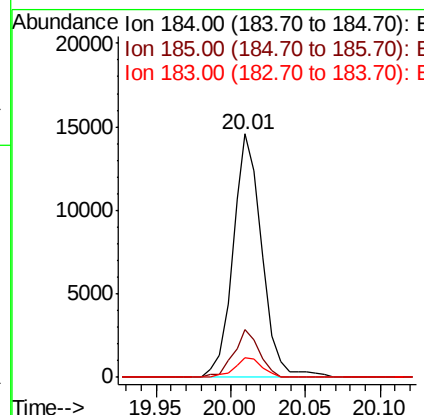
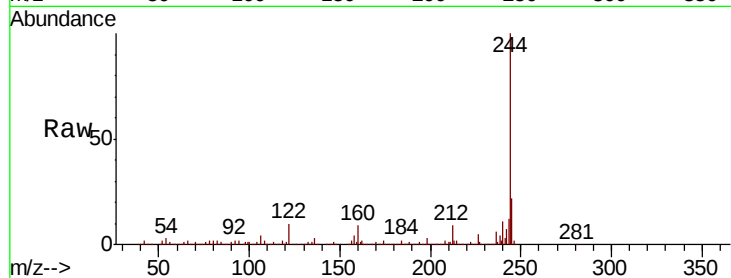




#76
Benzidine
Concen: 2.093 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG037162.D
Acq: 4 Oct 2018 19:28

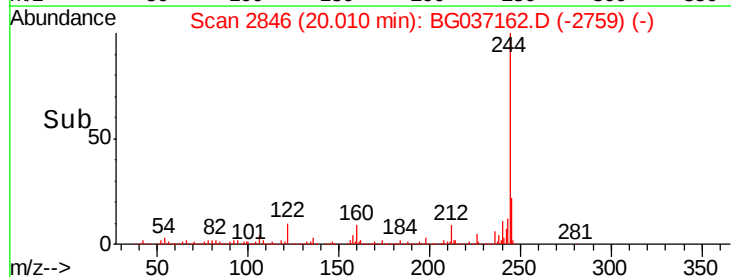
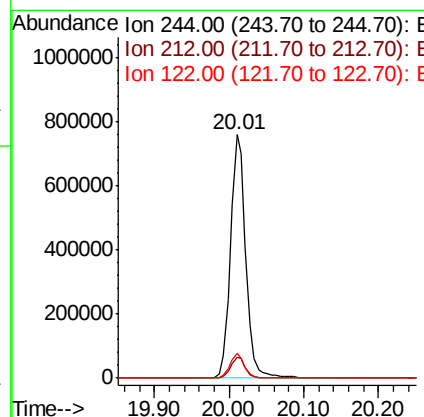
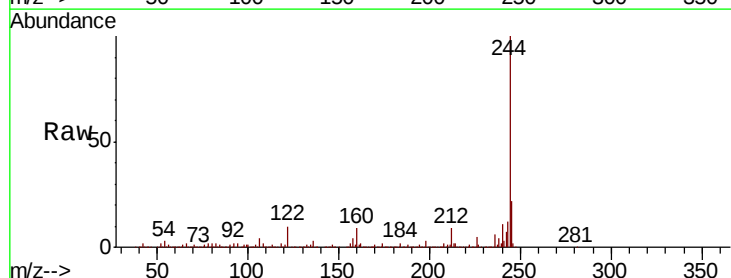
Instrument :
BNA_G
ClientSampleId :
CL-01-100218-C

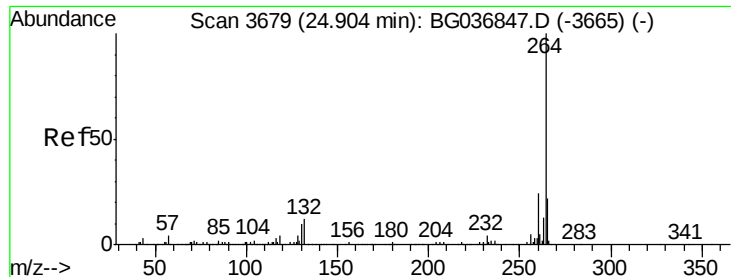
Tgt Ion:184 Resp: 19674
Ion Ratio Lower Upper
184 100
185 19.7 12.6 18.8#
183 7.9 10.9 16.3#



#78
Terphenyl-d14
Concen: 92.170 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037162.D
Acq: 4 Oct 2018 19:28

Tgt Ion:244 Resp: 1089785
Ion Ratio Lower Upper
244 100
212 8.6 7.0 10.6
122 10.0 7.1 10.7

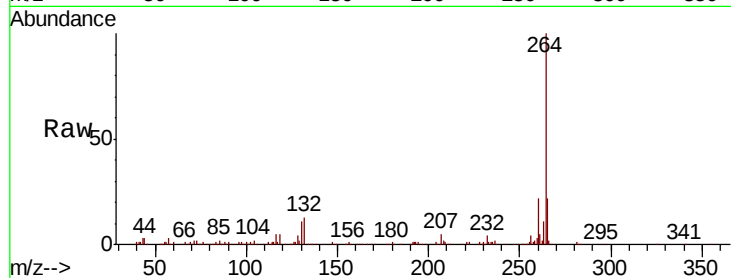




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.04 min
Lab File: BG037162.D
Acq: 4 Oct 2018 19:28

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

Tgt Ion:	264	Resp:	307727
Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.6	29.4
265	21.6	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

