

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
 Data File : BG036013.D
 Acq On : 31 Jul 2018 22:41
 Operator : JU/SJ
 Sample : J3825-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-073018-C

Quant Time: Aug 01 01:10:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

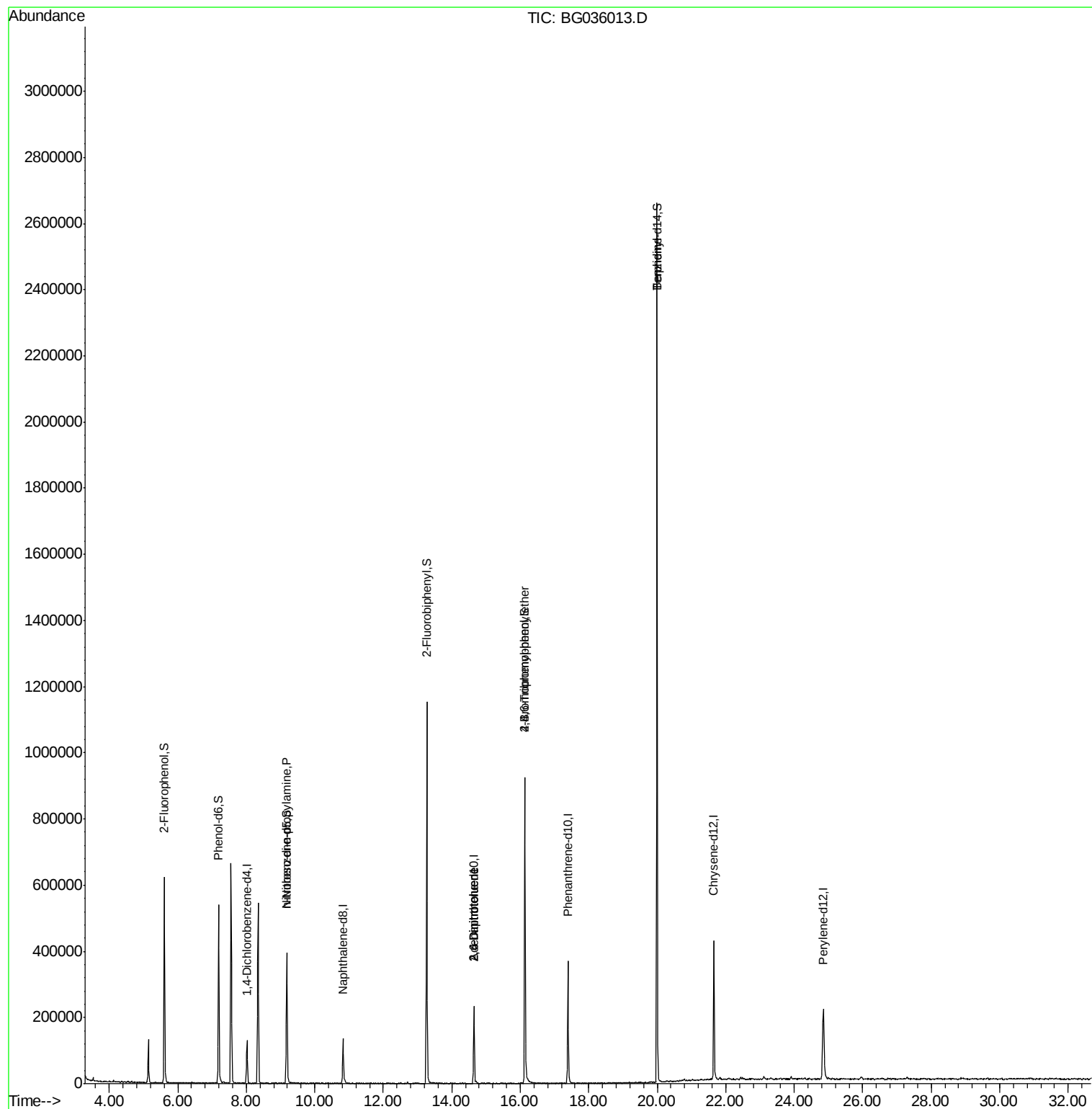
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37337	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	128480	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	90457	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	261895	20.00	ng	0.00
75) Chrysene-d12	21.65	240	295862	20.00	ng	0.00
86) Perylene-d12	24.85	264	269177	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	274368	122.00	ng	0.00
7) Phenol-d6	7.19	99	341618	101.81	ng	0.00
23) Nitrobenzene-d5	9.19	82	279714	90.95	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	188316	157.95	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	637503	94.42	ng	0.00
78) Terphenyl-d14	19.99	244	1285441	95.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	37243	13.181	ng	# 68
50) 2,6-Dinitrotoluene	14.64	165	12746	7.898	ng	# 18
56) 2,4-Dinitrotoluene	14.64	165	12746	5.505	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	14994	4.935	ng	# 1
76) Benzidine	19.99	184	21392	2.750	ng	# 92

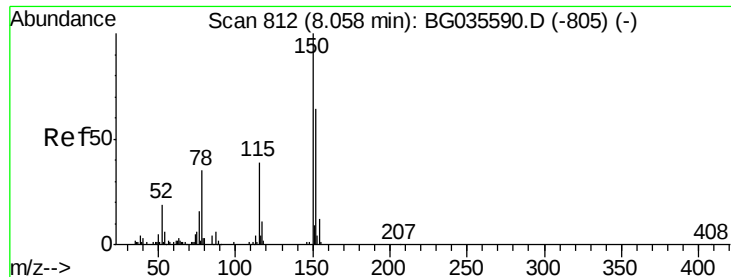
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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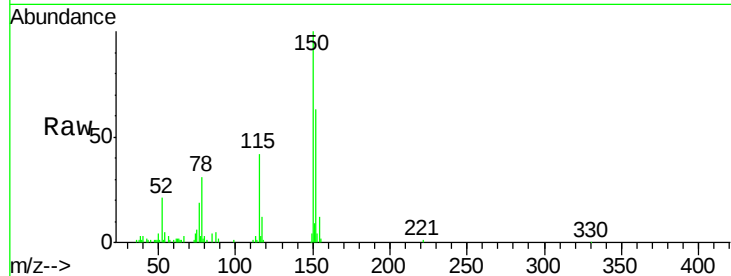


#1

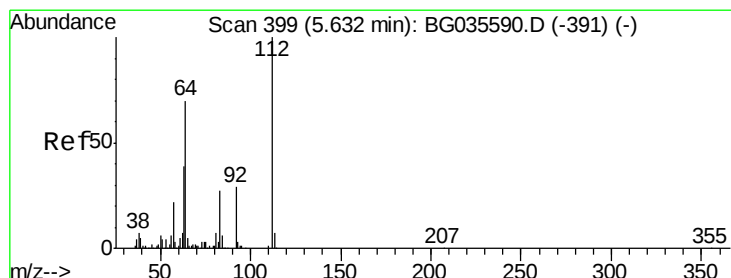
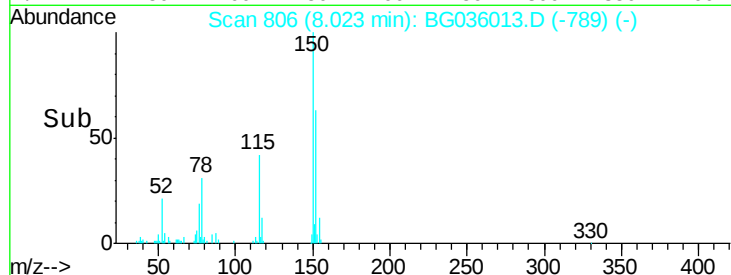
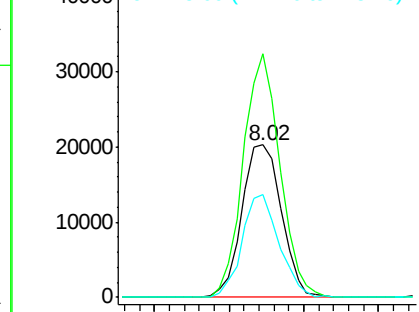
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036013.D
Acq: 31 Jul 2018 22:41

Instrument :
BNA_G
ClientSampleId :
CL-01-073018-C

Tgt Ion:152 Resp: 37337
Ion Ratio Lower Upper
152 100
150 159.8 126.6 189.8
115 67.4 53.0 79.4



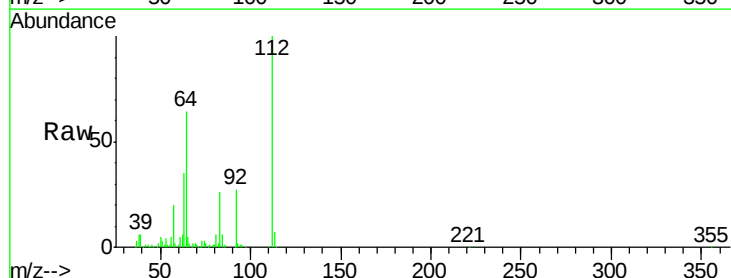
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



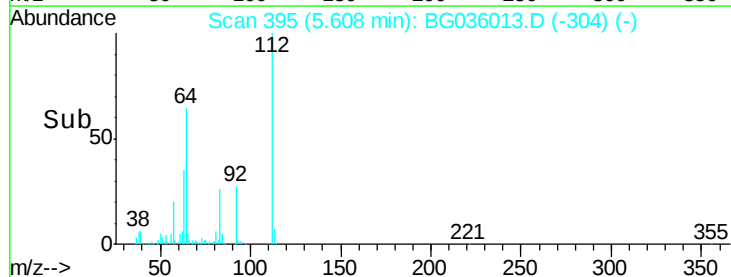
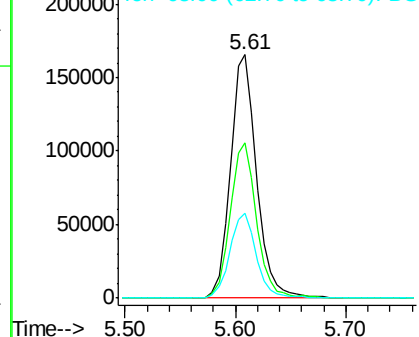
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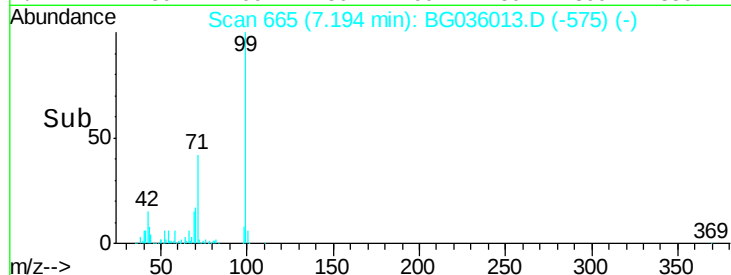
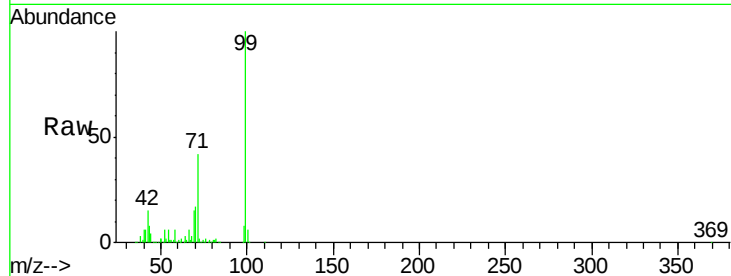
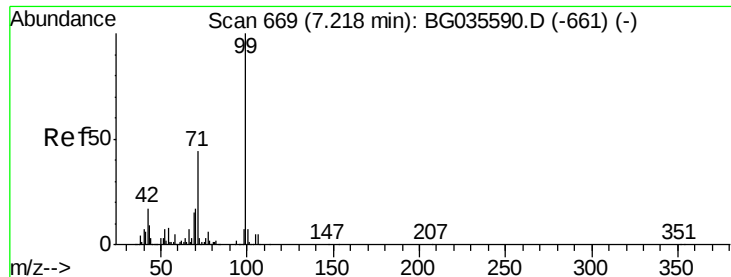
2-Fluorophenol
Concen: 122.001 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG036013.D
Acq: 31 Jul 2018 22:41

Tgt Ion:112 Resp: 274368
Ion Ratio Lower Upper
112 100
64 64.0 56.3 84.5
63 34.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 101.814 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036013.D

Acq: 31 Jul 2018 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-C

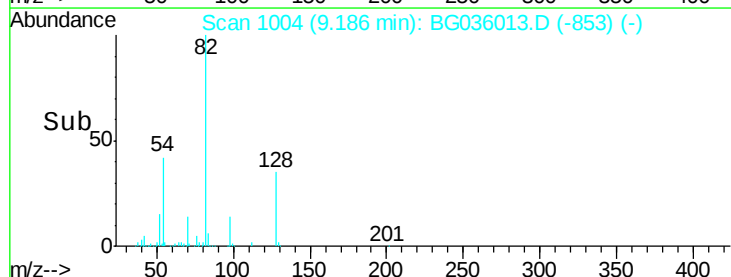
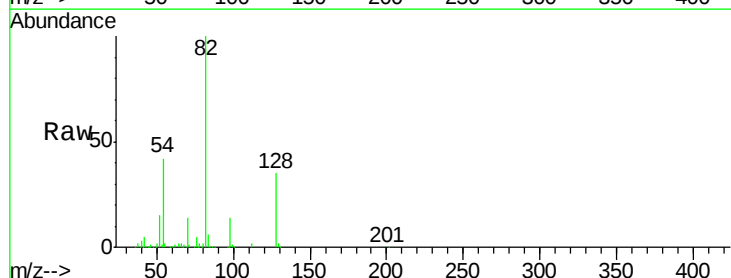
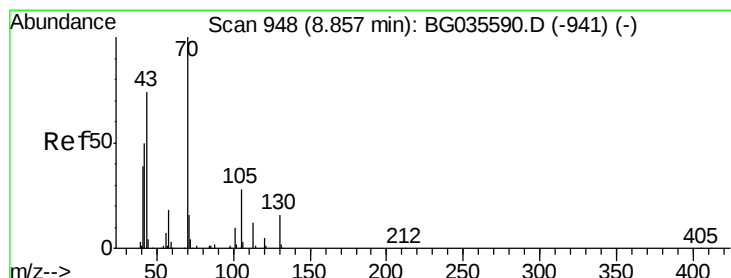
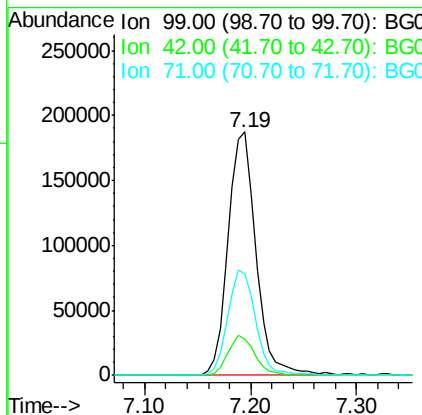
Tgt Ion: 99 Resp: 341618

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

71 41.5 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.181 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG036013.D

Acq: 31 Jul 2018 22:41

Tgt Ion: 70 Resp: 37243

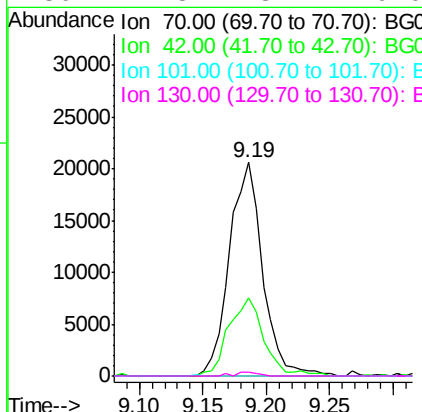
Ion Ratio Lower Upper

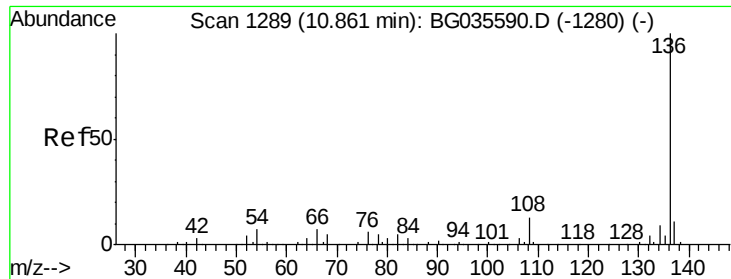
70 100

42 36.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#

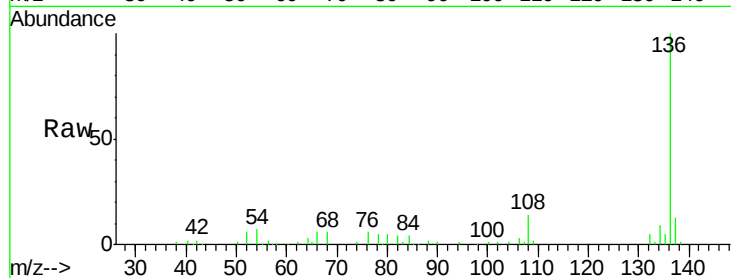




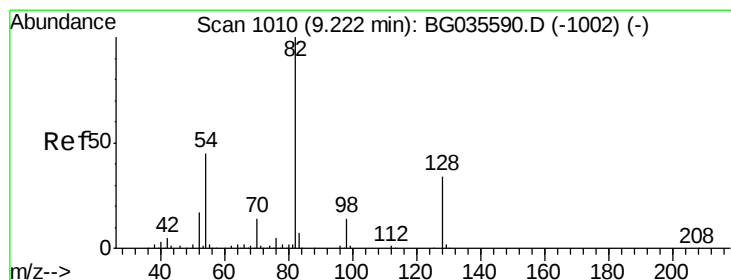
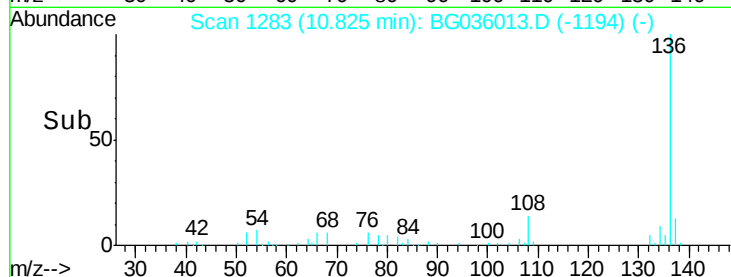
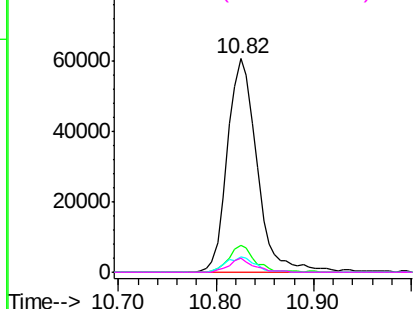
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036013.D
Acq: 31 Jul 2018 22:41

Instrument :
BNA_G
ClientSampleId :
CL-01-073018-C

Tgt Ion: 136 Resp: 128480
Ion Ratio Lower Upper
136 100
137 12.8 9.2 13.8
54 7.4 10.3 15.5#
68 6.4 4.5 6.7

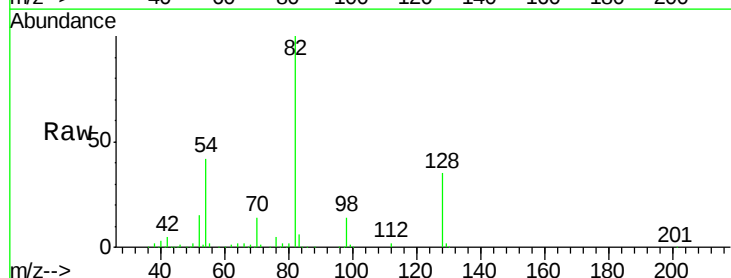


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

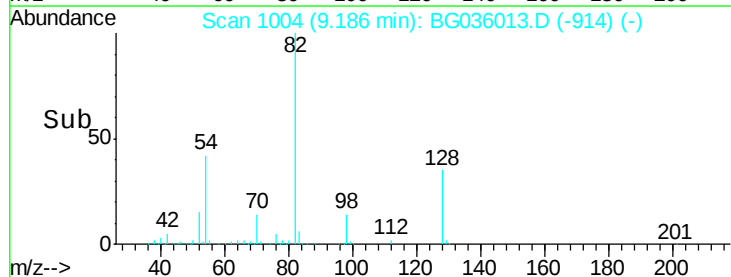
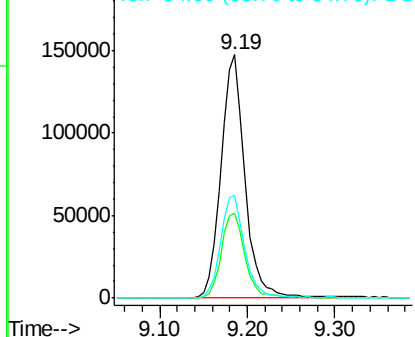


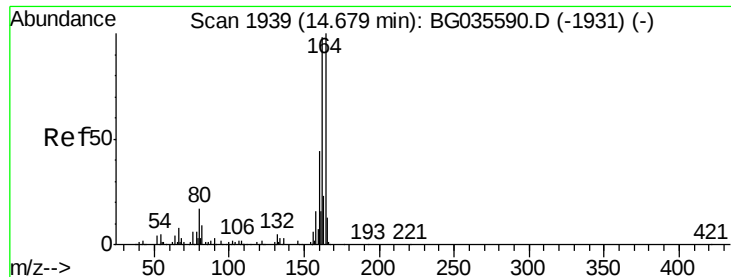
#23
Nitrobenzene-d5
Concen: 90.948 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036013.D
Acq: 31 Jul 2018 22:41

Tgt Ion: 82 Resp: 279714
Ion Ratio Lower Upper
82 100
128 34.9 29.7 44.5
54 42.4 43.1 64.7#



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: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036013.D

Acq: 31 Jul 2018 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-C

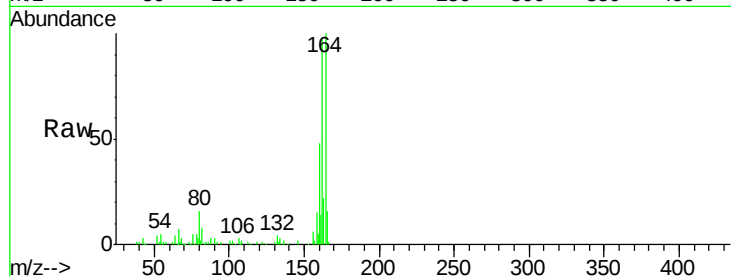
Tgt Ion:164 Resp: 90457

Ion Ratio Lower Upper

164 100

162 96.7 78.8 118.2

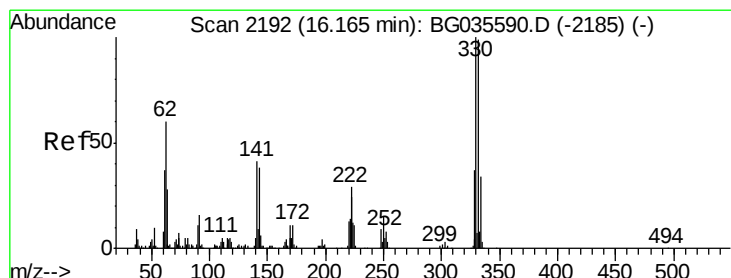
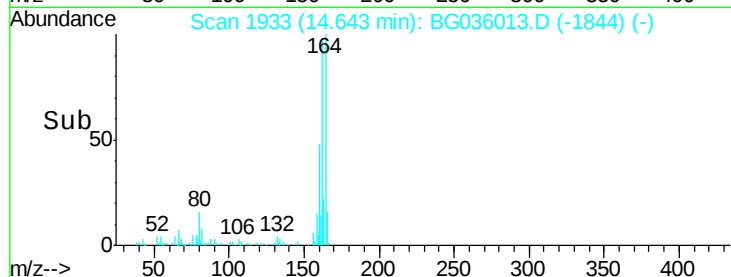
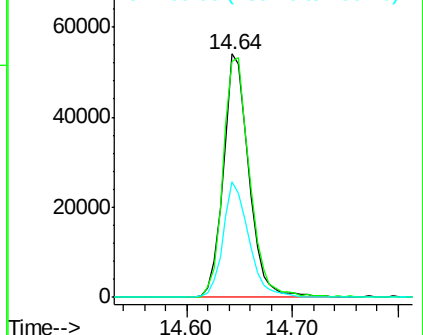
160 47.7 35.4 53.0



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: 157.946 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036013.D

Acq: 31 Jul 2018 22:41

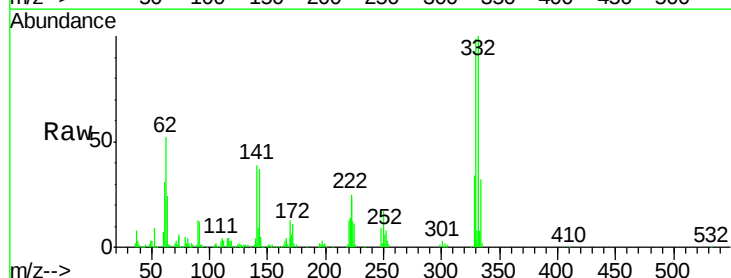
Tgt Ion:330 Resp: 188316

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

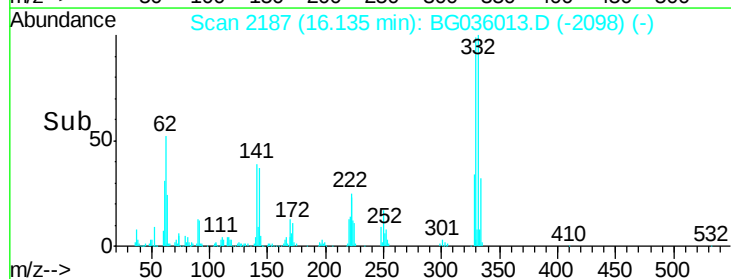
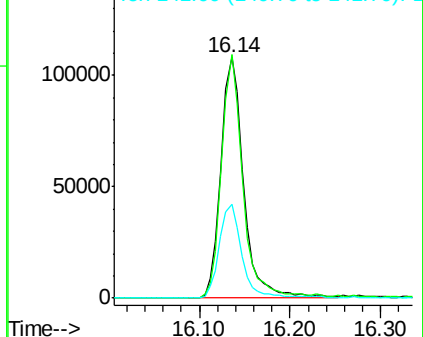
141 39.1 25.2 37.8#

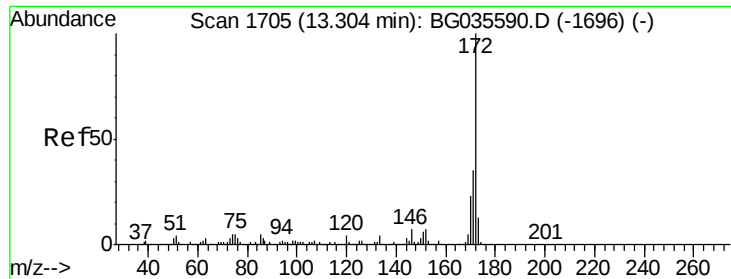


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

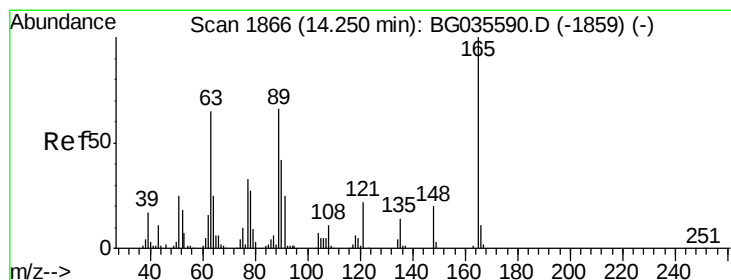
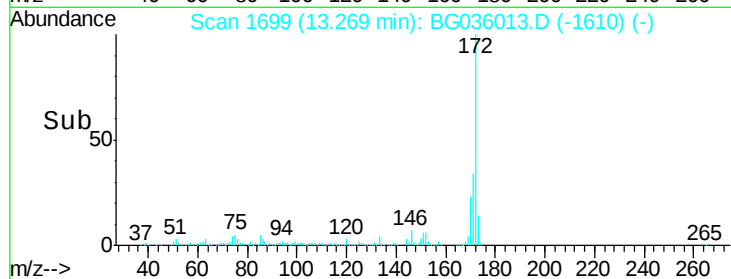
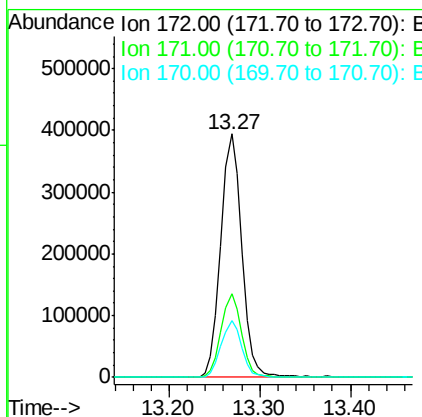
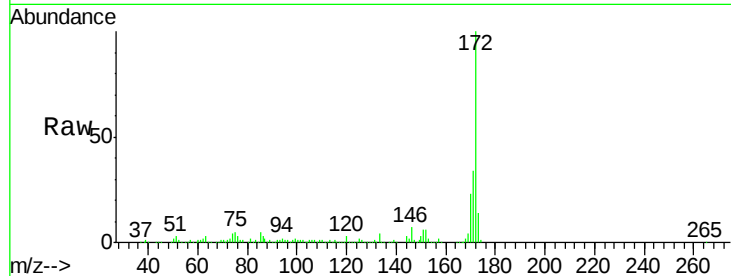




#44
 2-Fluorobiphenyl
 Concen: 94.419 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036013.D
 Acq: 31 Jul 2018 22:41

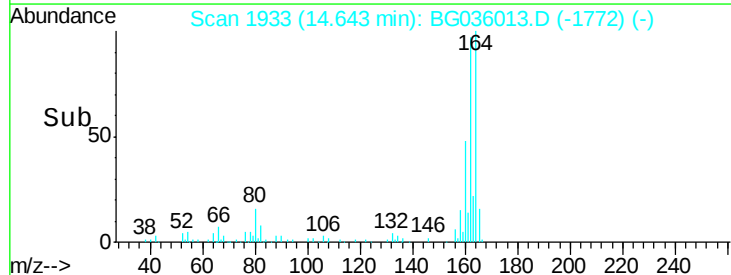
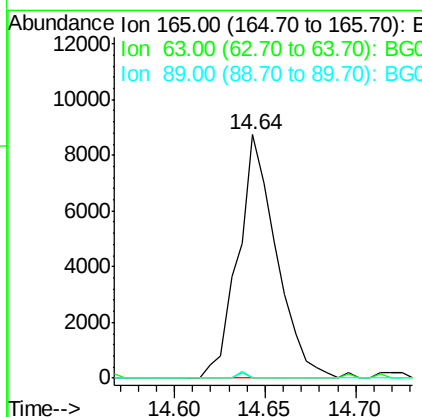
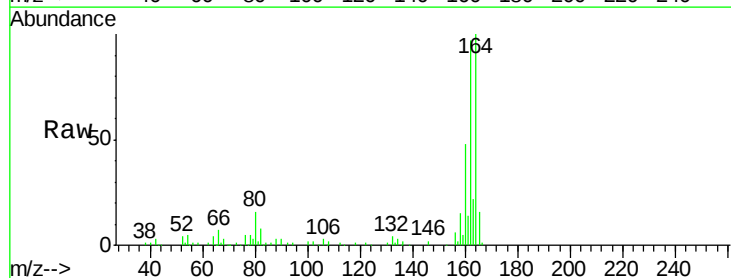
Instrument :
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 CL-01-073018-C

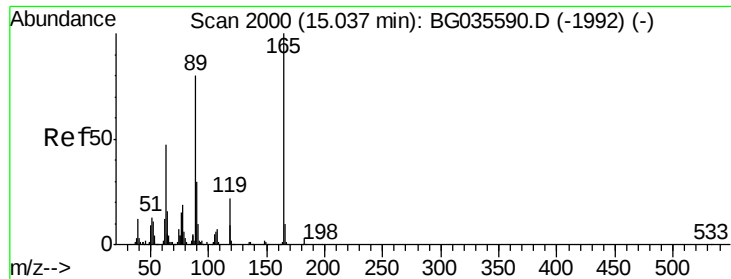
Tgt Ion:172 Resp: 637503
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.0 45.0
 170 23.1 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.898 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. 0.42 min
 Lab File: BG036013.D
 Acq: 31 Jul 2018 22:41

Tgt Ion:165 Resp: 12746
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 5.505 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.37 min

Lab File: BG036013.D

Acq: 31 Jul 2018 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-C

Tgt Ion:165 Resp: 12746

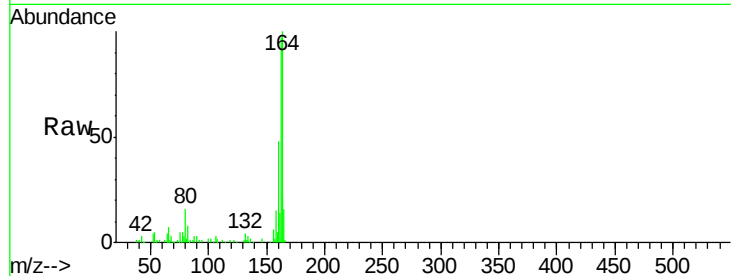
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

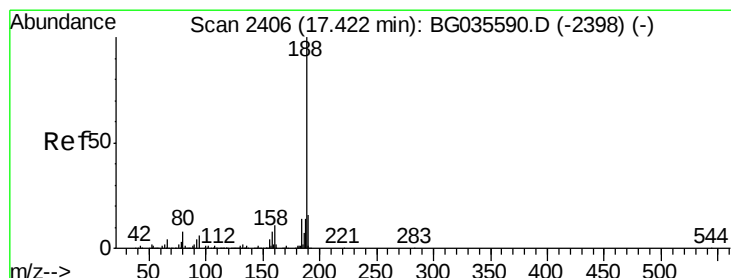
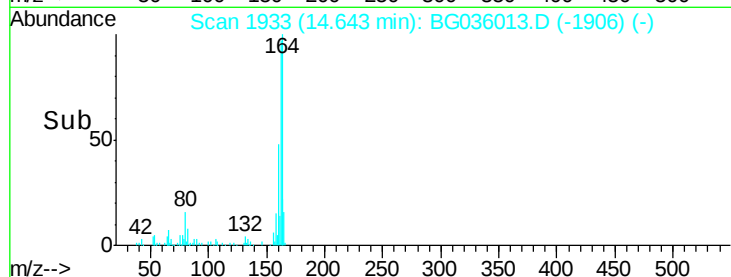
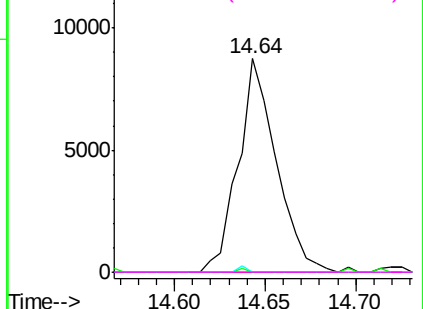


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036013.D

Acq: 31 Jul 2018 22:41

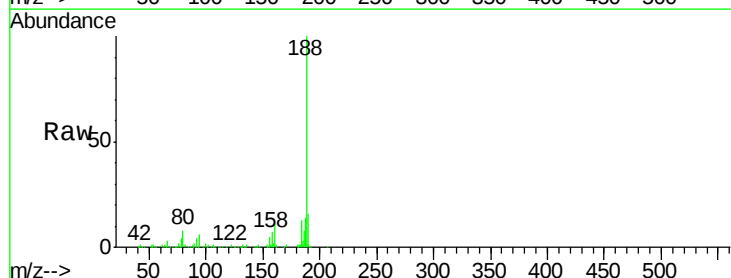
Tgt Ion:188 Resp: 261895

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

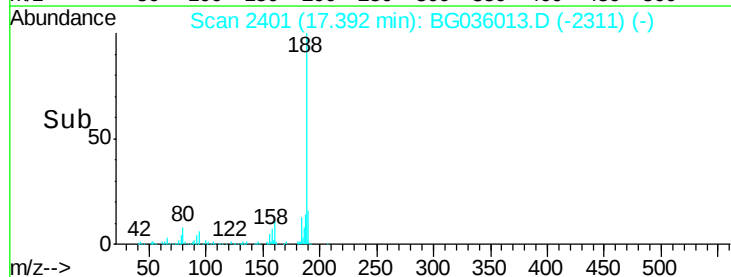
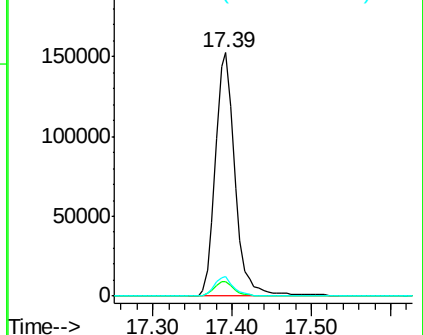
80 8.2 7.7 11.5

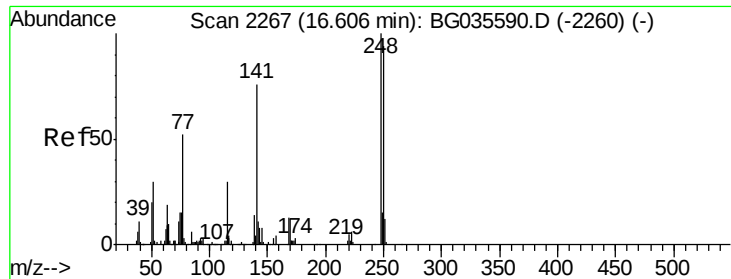


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

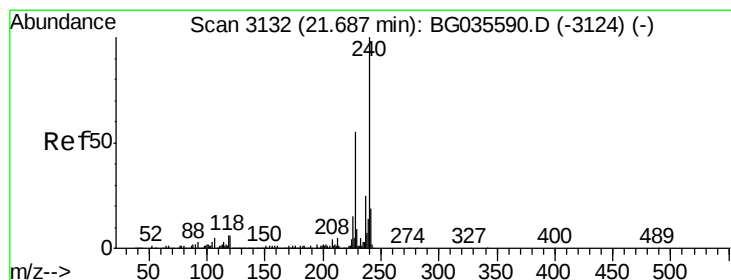
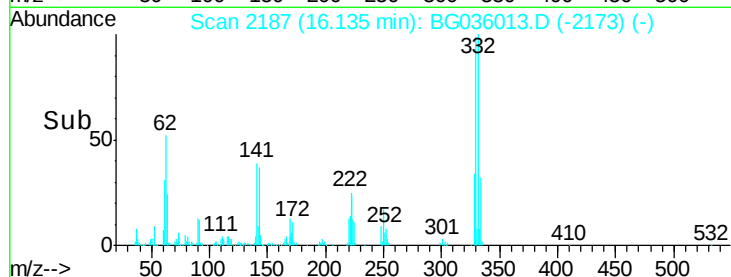
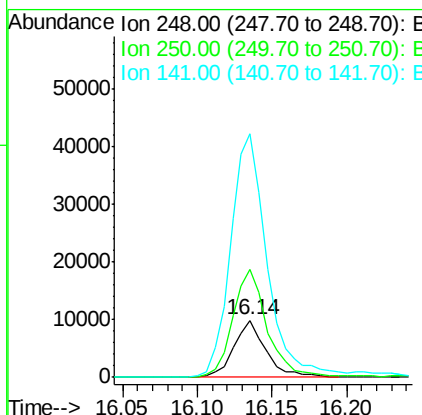
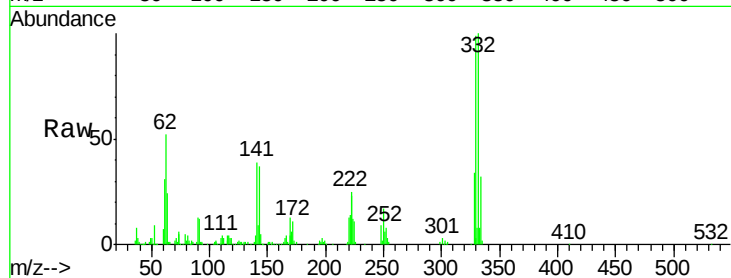




#66
 4-Bromophenyl-phenylether
 Concen: 4.935 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG036013.D
 Acq: 31 Jul 2018 22:41

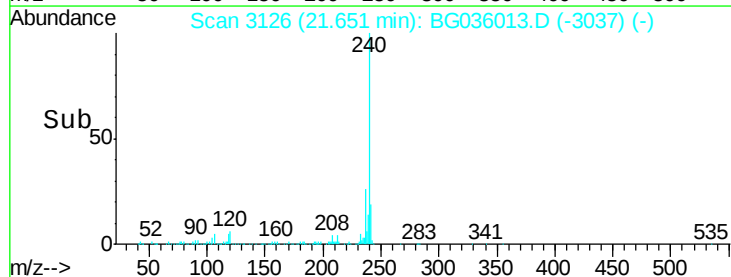
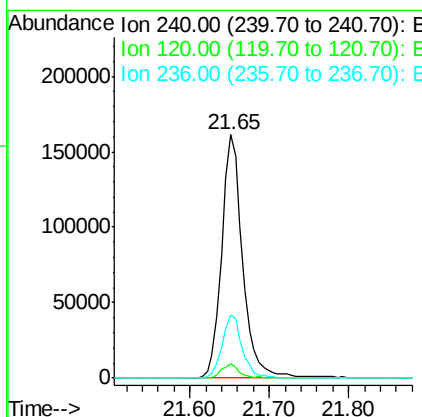
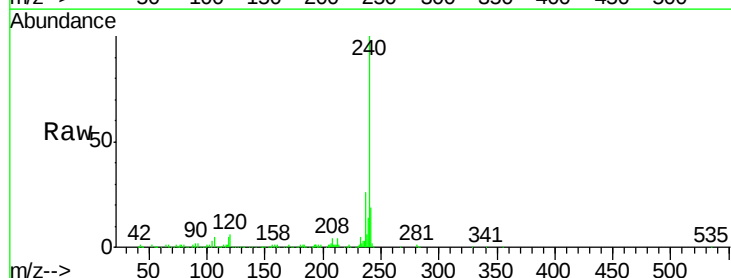
Instrument :
 BNA_G
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 CL-01-073018-C

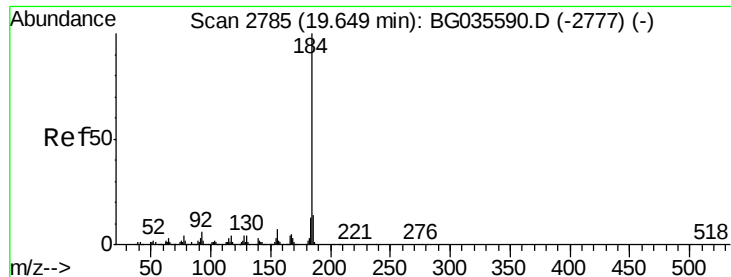
Tgt Ion:248 Resp: 14994
 Ion Ratio Lower Upper
 248 100
 250 189.1 77.1 115.7#
 141 424.9 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG036013.D
 Acq: 31 Jul 2018 22:41

Tgt Ion:240 Resp: 295862
 Ion Ratio Lower Upper
 240 100
 120 6.0 6.8 10.2#
 236 26.0 20.9 31.3

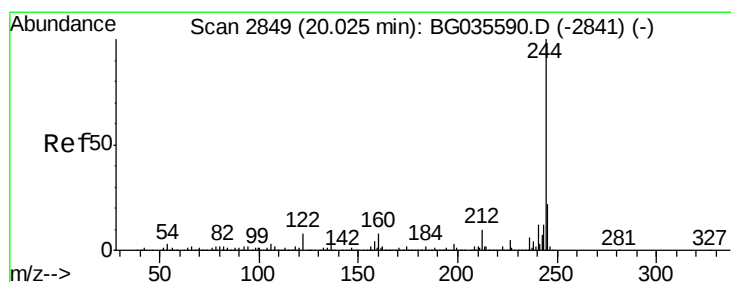
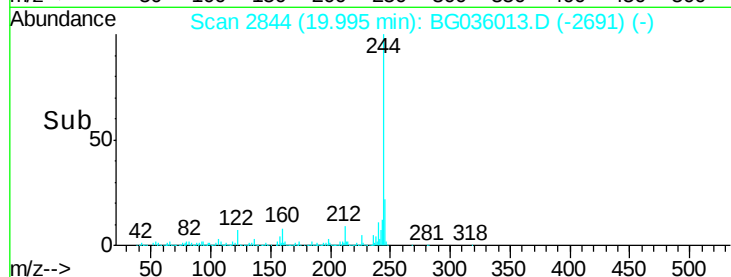
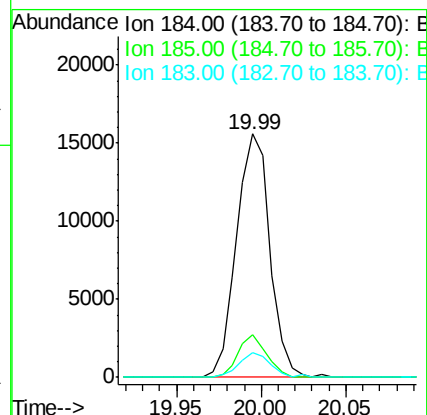
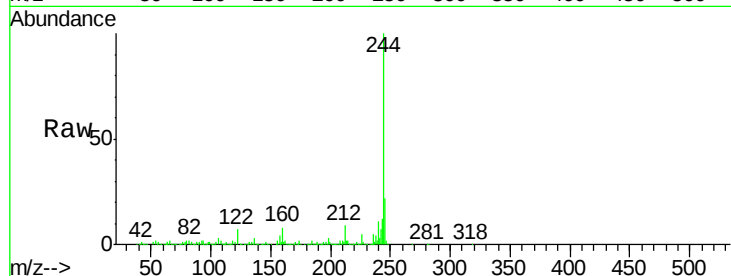




#76
Benzidine
Concen: 2.750 ng
RT: 19.99 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG036013.D
Acq: 31 Jul 2018 22:41

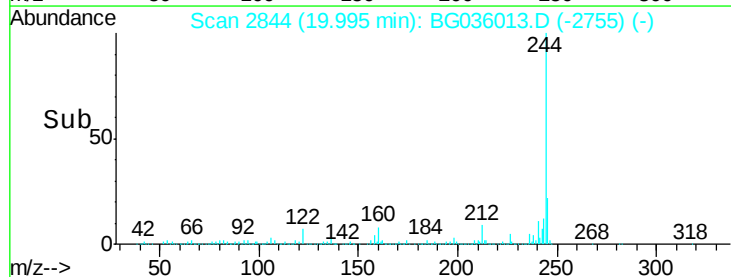
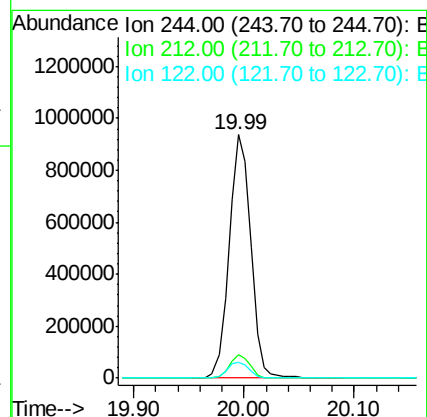
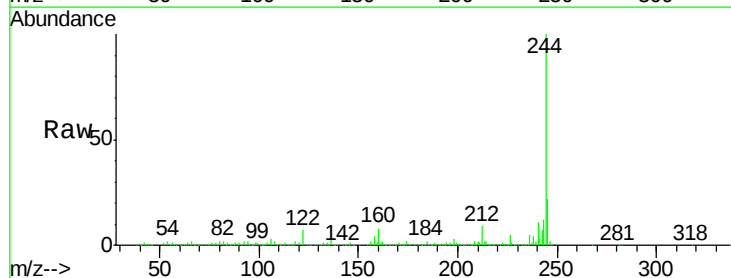
Instrument :
BNA_G
ClientSampleId :
CL-01-073018-C

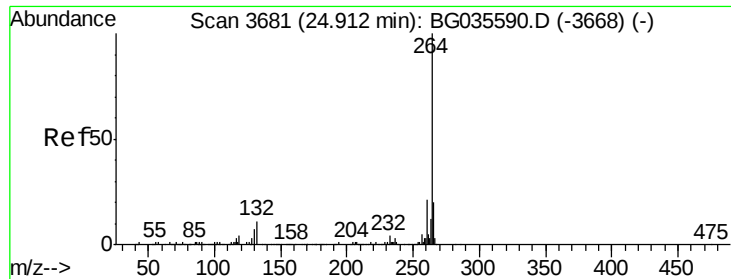
Tgt Ion:184 Resp: 21392
Ion Ratio Lower Upper
184 100
185 17.6 11.1 16.7#
183 10.4 10.6 16.0#



#78
Terphenyl-d14
Concen: 95.771 ng
RT: 19.99 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG036013.D
Acq: 31 Jul 2018 22:41

Tgt Ion:244 Resp: 1285441
Ion Ratio Lower Upper
244 100
212 9.4 5.8 8.8#
122 6.6 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG036013.D
Acq: 31 Jul 2018 22:41

Instrument :
BNA_G
ClientSampleId :
CL-01-073018-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.4	26.0
265	20.5	17.7	26.5

