

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035618.D
 Acq On : 13 Jul 2018 6:54
 Operator : JU/SJ
 Sample : J3825-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-071118-B

Quant Time: Jul 13 08:10:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

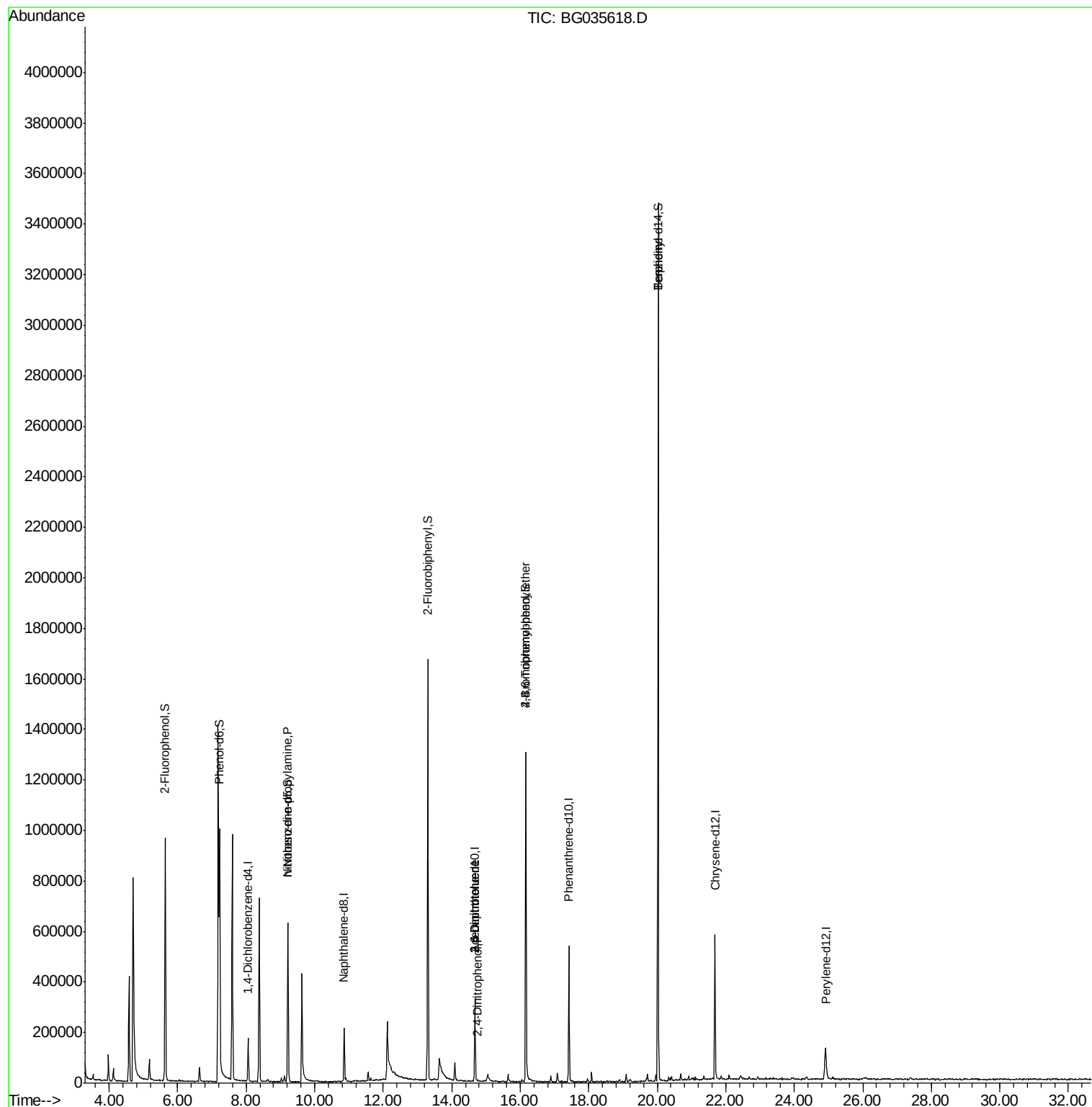
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47651	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	173141	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	107493	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	332293	20.00	ng	0.00
75) Chrysene-d12	21.68	240	340898	20.00	ng	0.00
86) Perylene-d12	24.91	264	101083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	395714	137.87	ng	0.00
7) Phenol-d6	7.22	99	481792	112.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	414765	100.07	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	241690	170.59	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	871059	108.56	ng	0.00
78) Terphenyl-d14	20.03	244	1594969	103.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	58092	16.110	ng	# 70
50) 2,6-Dinitrotoluene	14.68	165	14528	7.575	ng	# 24
53) 2,4-Dinitrophenol	14.74	184	81	6.658	ng	# 41
56) 2,4-Dinitrotoluene	14.68	165	14528	5.280	ng	# 22
66) 4-Bromophenyl-phenylether	16.16	248	20082	5.209	ng	# 1
76) Benzidine	20.02	184	31297	3.492	ng	# 89

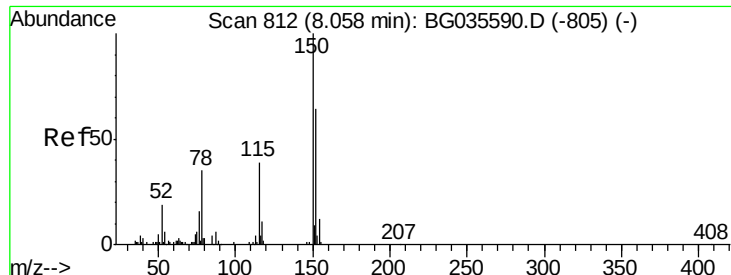
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
Data File : BG035618.D
Acq On : 13 Jul 2018 6:54
Operator : JU/SJ
Sample : J3825-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

Quant Time: Jul 13 08:10:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



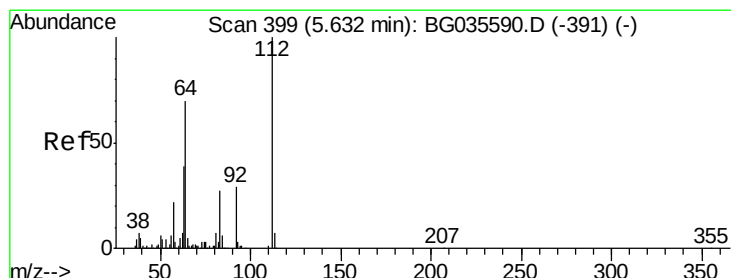
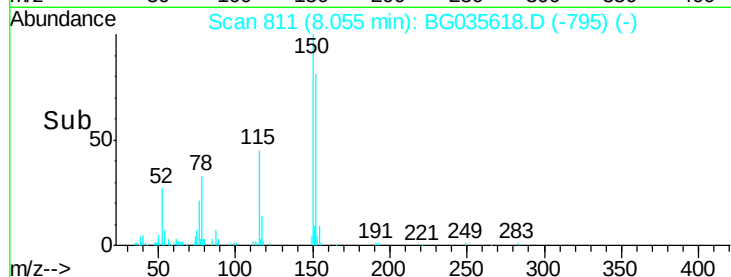
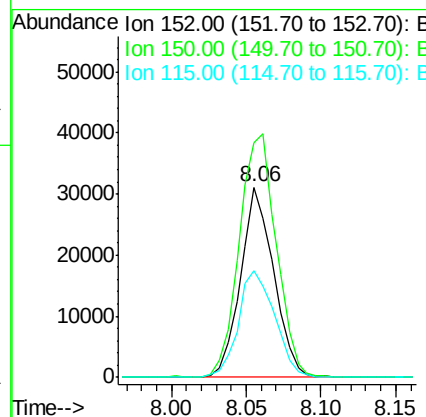
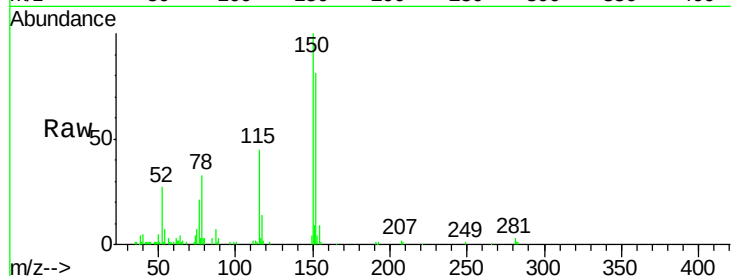


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

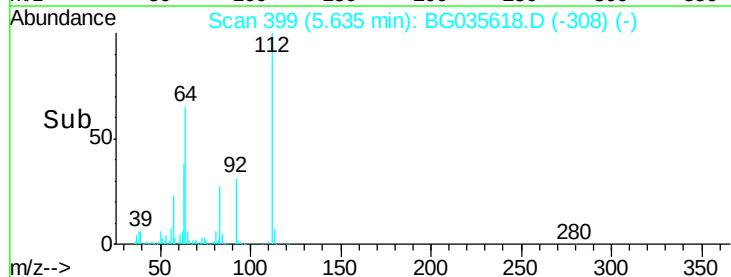
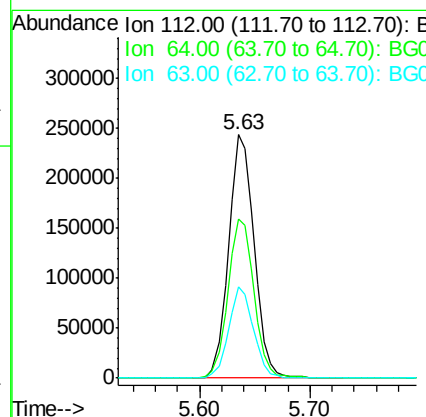
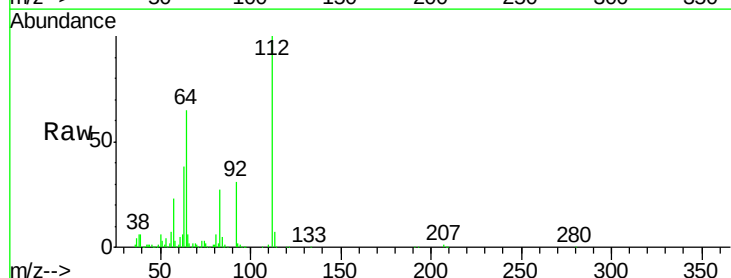
Tgt Ion	Ratio	Lower	Upper
152	100		
150	123.6	126.6	189.8#
115	55.9	53.0	79.4

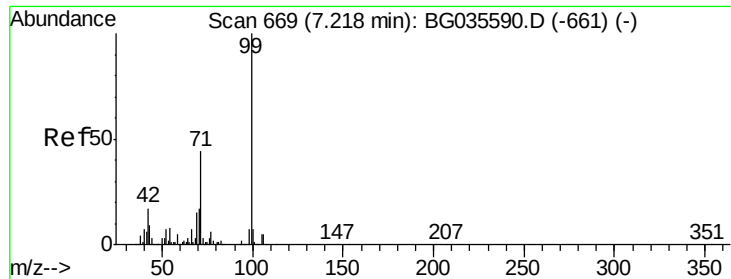


#5

2-Fluorophenol
Concen: 137.873 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	56.3	84.5
63	37.7	30.1	45.1





#7

Phenol-d6

Concen: 112.510 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-B

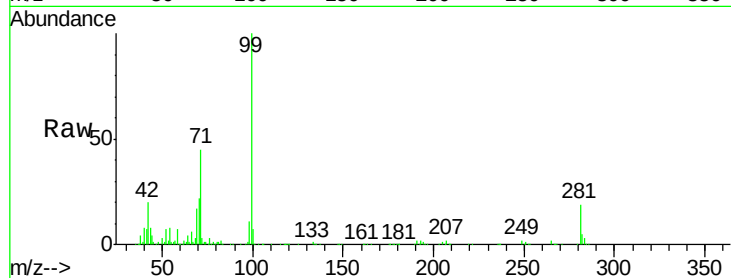
Tgt Ion: 99 Resp: 481792

Ion Ratio Lower Upper

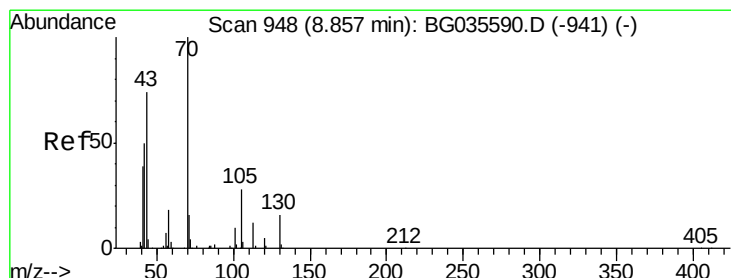
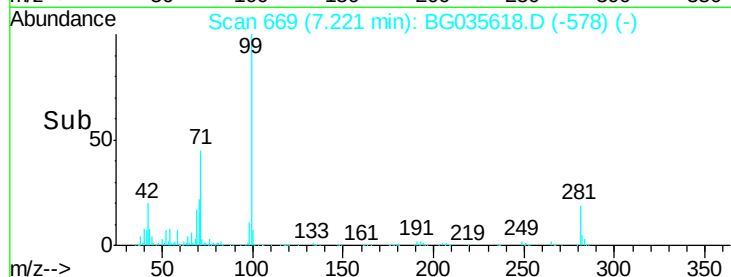
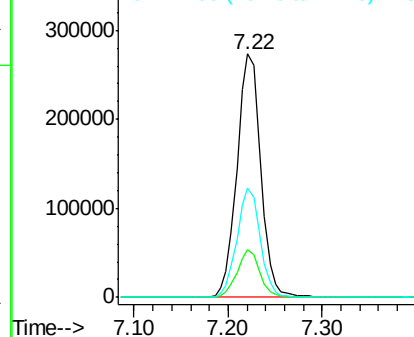
99 100

42 19.6 14.1 21.1

71 44.8 26.1 39.1#



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: 16.110 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

Tgt Ion: 70 Resp: 58092

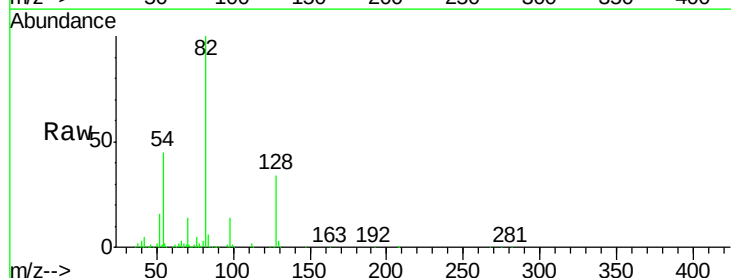
Ion Ratio Lower Upper

70 100

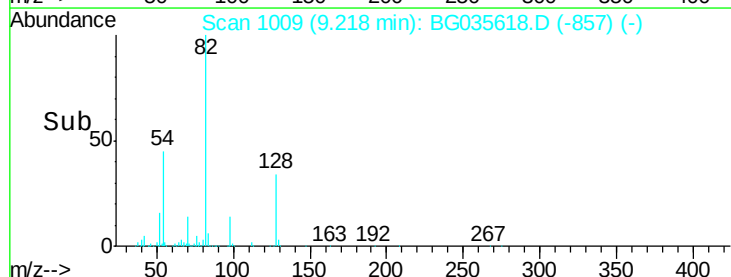
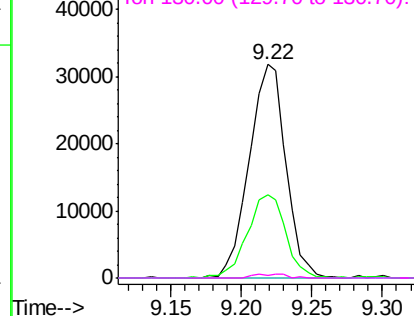
42 39.0 49.1 73.7#

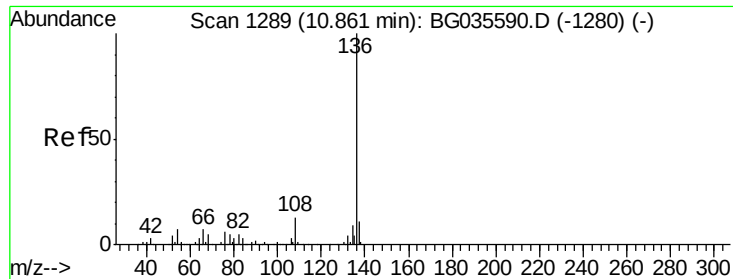
101 0.0 8.5 12.7#

130 1.5 13.4 20.0#



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

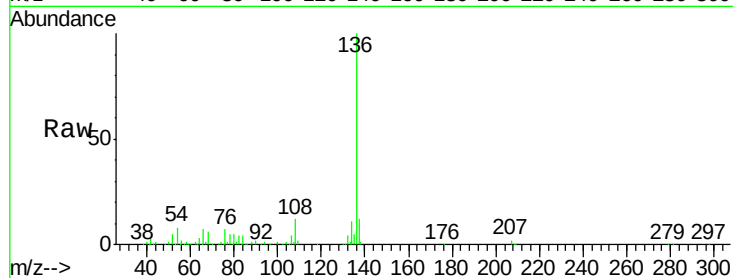




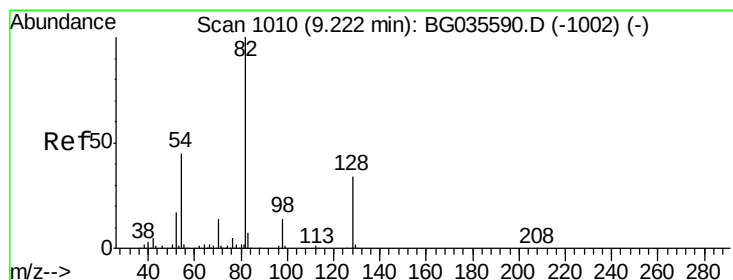
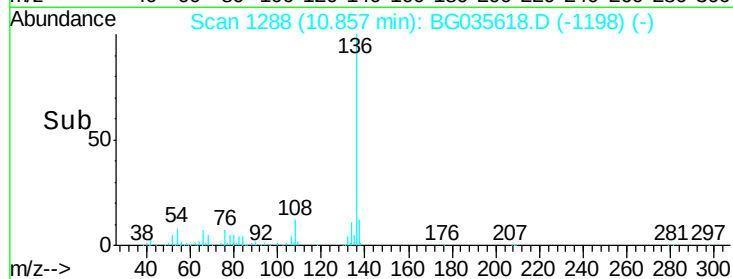
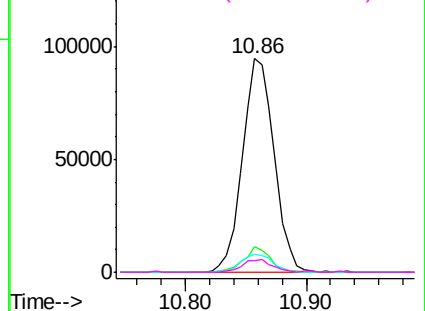
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

Tgt Ion:	136	Resp:	173141
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	8.2	10.3	15.5
68	5.5	4.5	6.7

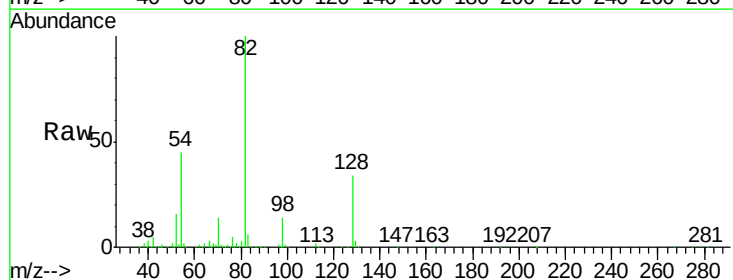


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

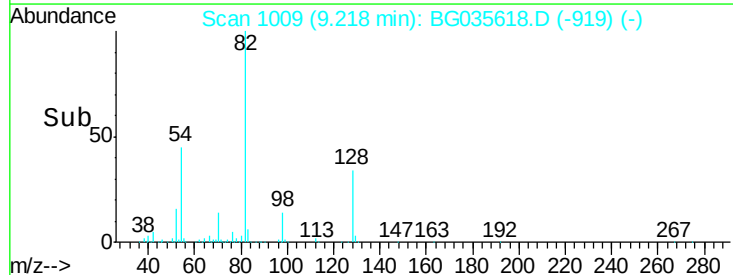
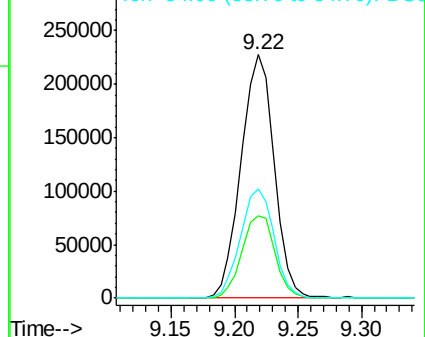


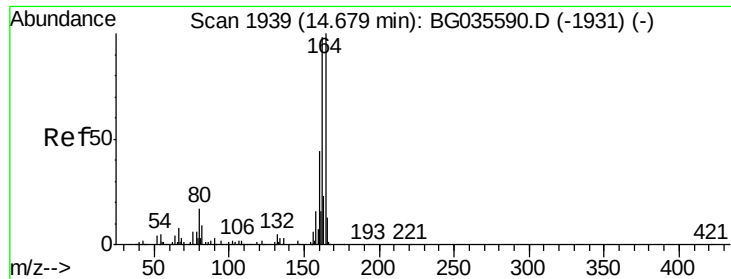
#23
Nitrobenzene-d5
Concen: 100.073 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion:	82	Resp:	414765
Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	45.0	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: 14.68 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-B

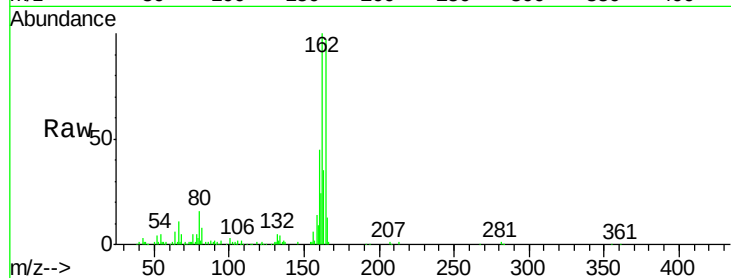
Tgt Ion:164 Resp: 107493

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

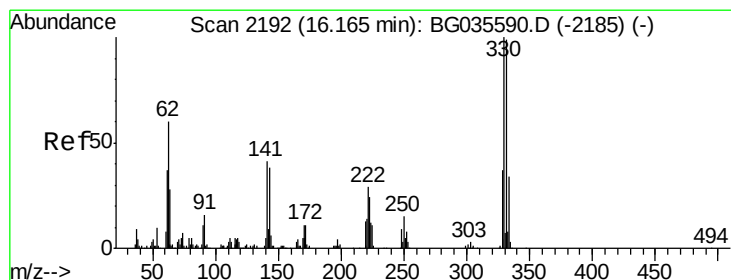
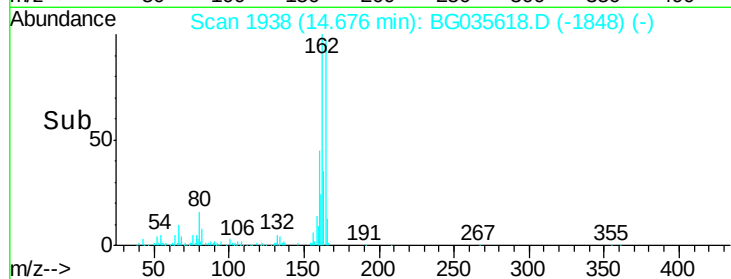
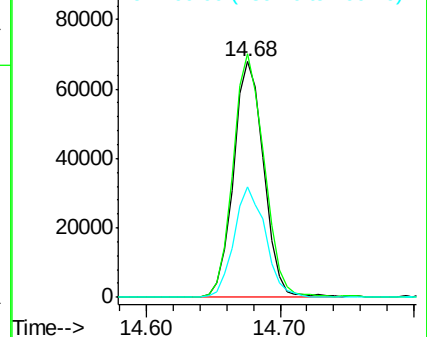
160 46.7 35.4 53.0



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: 170.585 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

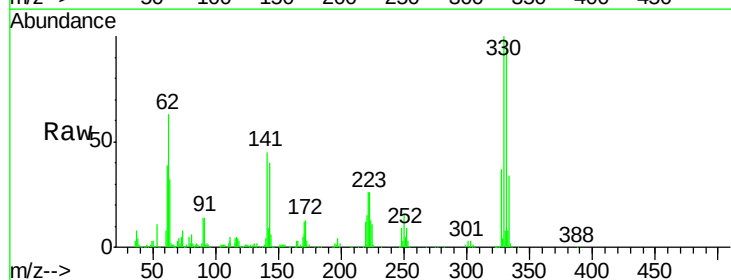
Tgt Ion:330 Resp: 241690

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

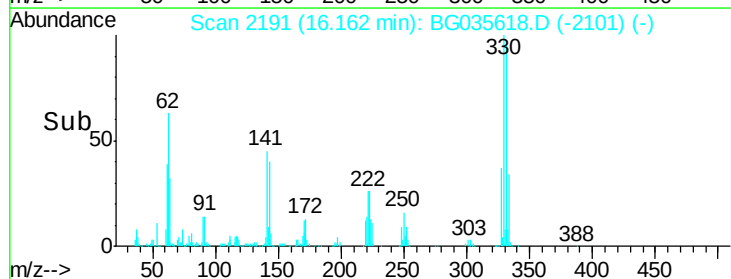
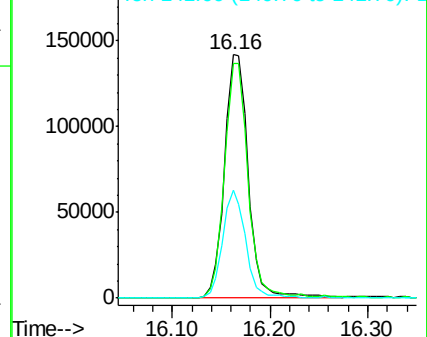
141 42.4 25.2 37.8#

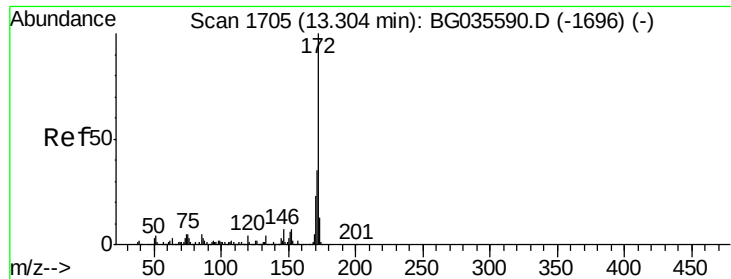


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

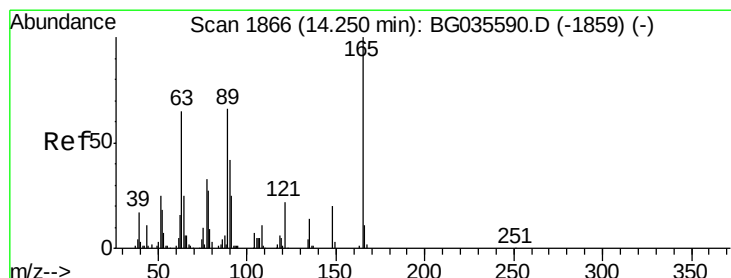
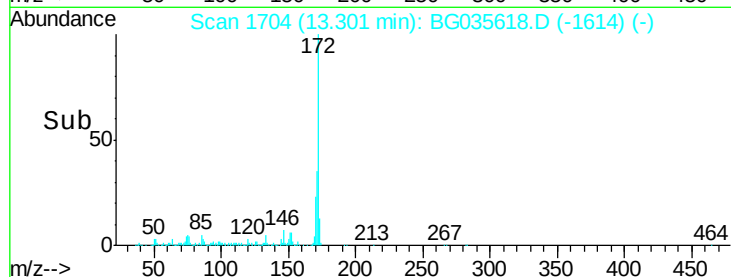
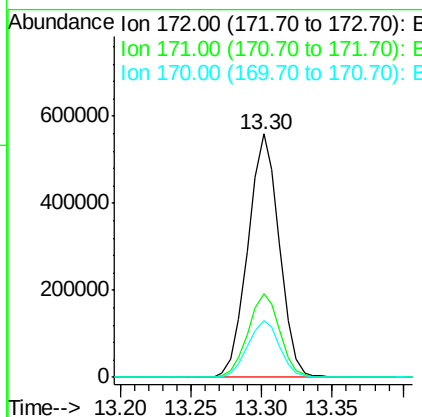
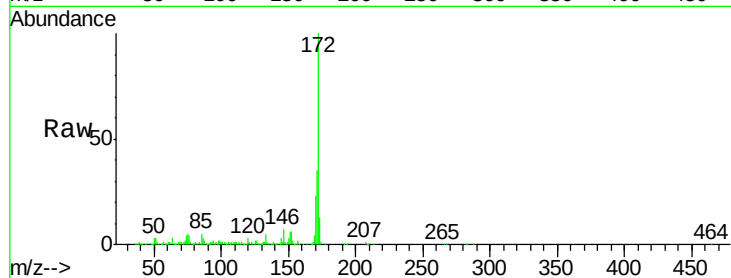




#44
 2-Fluorobiphenyl
 Concen: 108.565 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG035618.D
 Acq: 13 Jul 2018 6:54

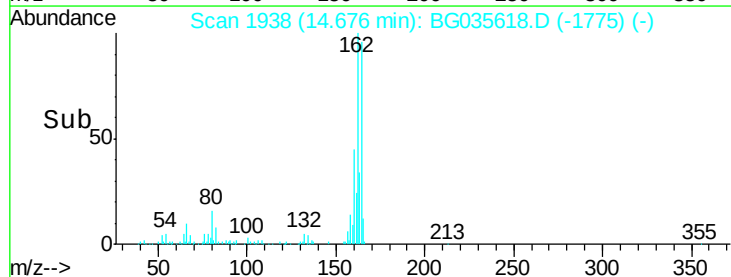
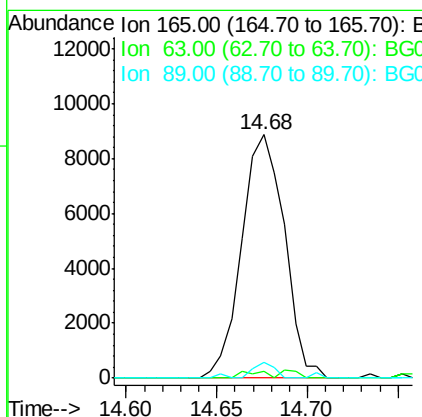
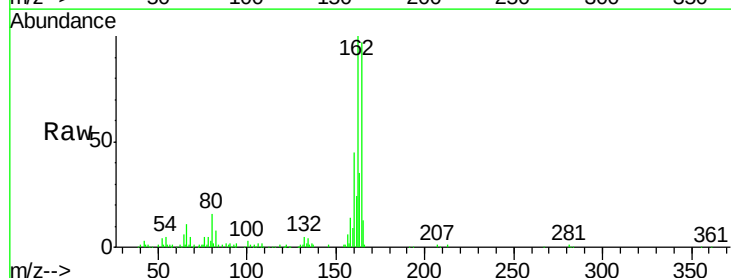
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-071118-B

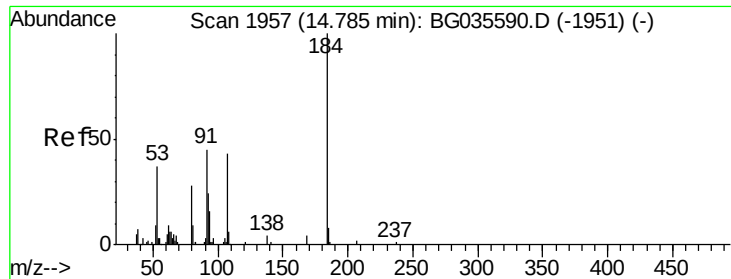
Tgt Ion:172 Resp: 871059
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.0 45.0
 170 23.5 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.575 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. 0.43 min
 Lab File: BG035618.D
 Acq: 13 Jul 2018 6:54

Tgt Ion:165 Resp: 14528
 Ion Ratio Lower Upper
 165 100
 63 3.0 52.7 79.1#
 89 6.4 49.2 73.8#





#53

2,4-Dinitrophenol

Concen: 6.658 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.04 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-B

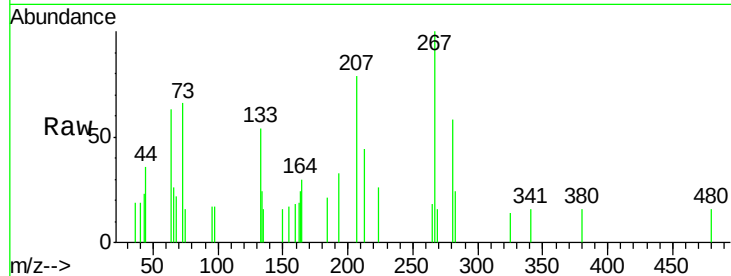
Tgt Ion:184 Resp: 81

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

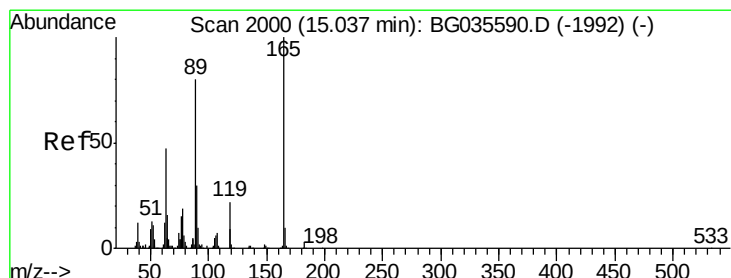
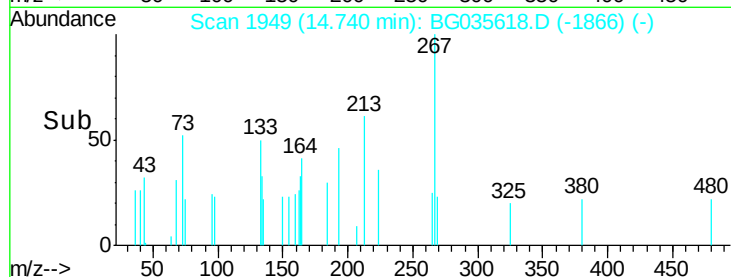
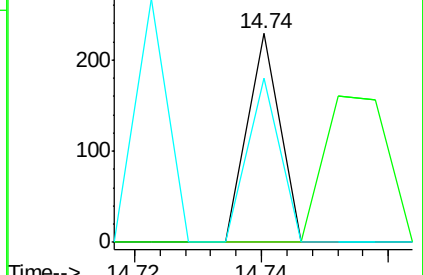
154 78.6 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#56

2,4-Dinitrotoluene

Concen: 5.280 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.36 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

Tgt Ion:165 Resp: 14528

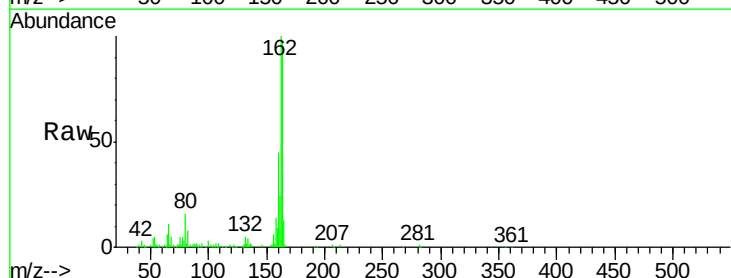
Ion Ratio Lower Upper

165 100

63 3.0 42.0 63.0#

89 6.4 66.9 100.3#

182 0.0 2.6 3.8#

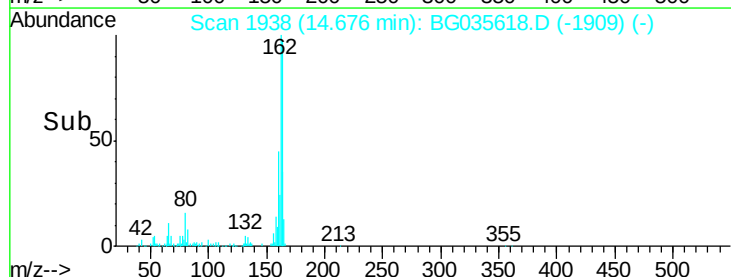
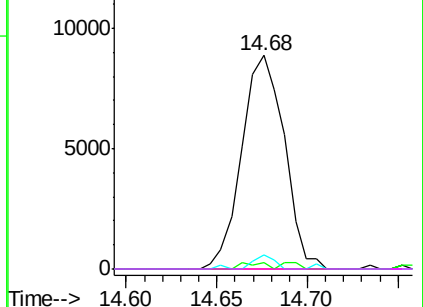


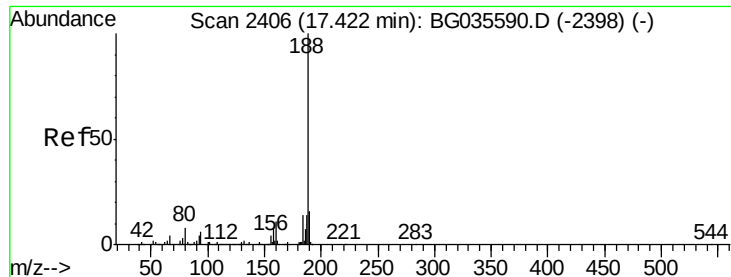
Abundance Ion 165.00 (164.70 to 165.70): E

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

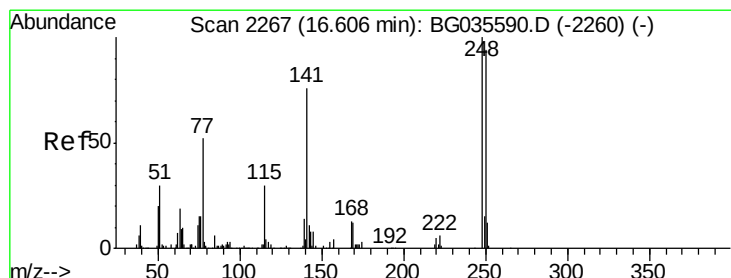
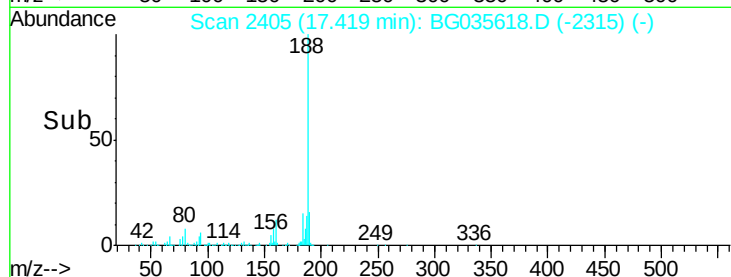
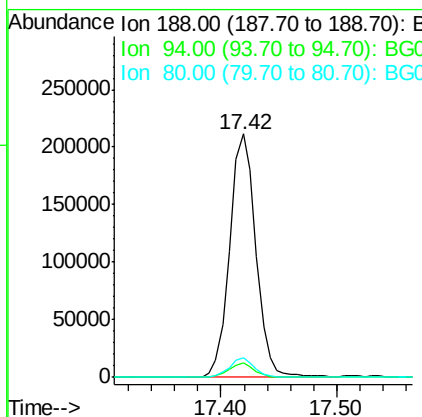
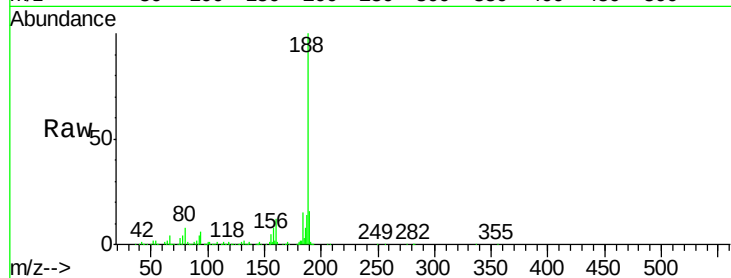




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

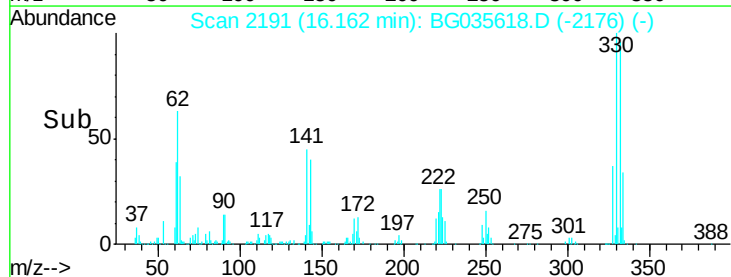
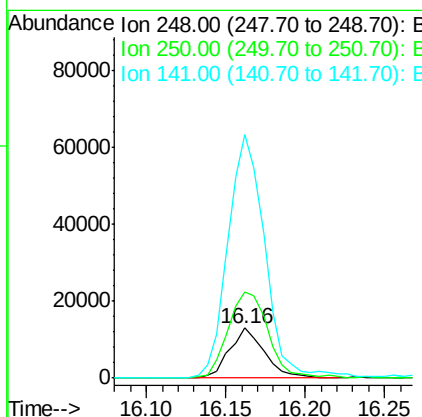
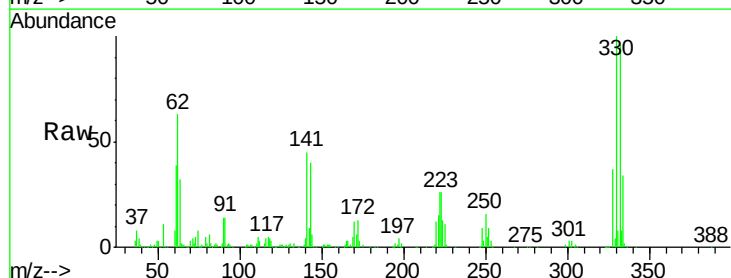
Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

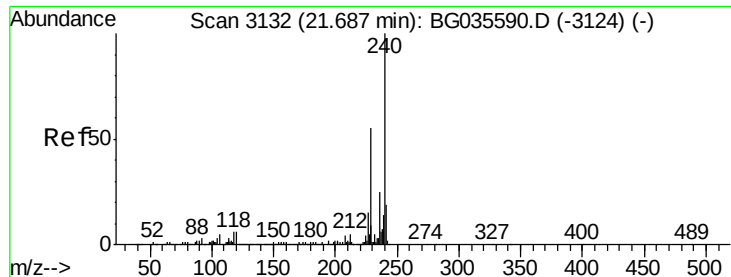
Tgt Ion:188 Resp: 332293
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 8.0 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 5.209 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.44 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion:248 Resp: 20082
Ion Ratio Lower Upper
248 100
250 171.7 77.1 115.7#
141 484.6 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-B

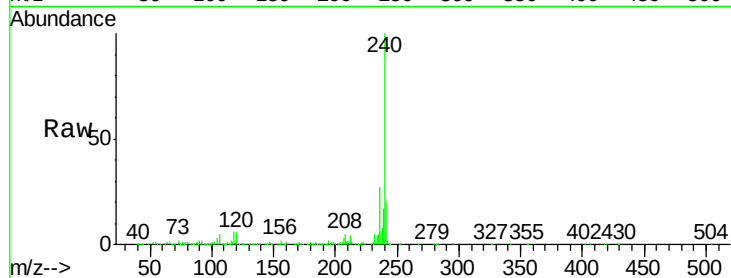
Tgt Ion:240 Resp: 340898

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

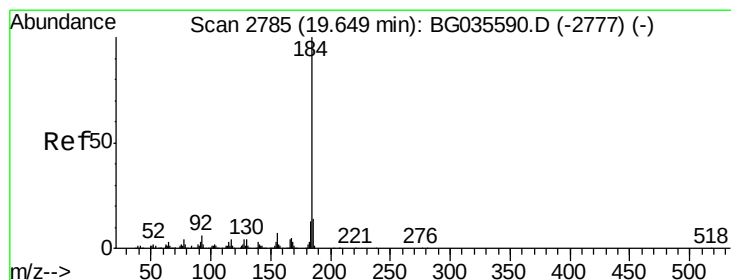
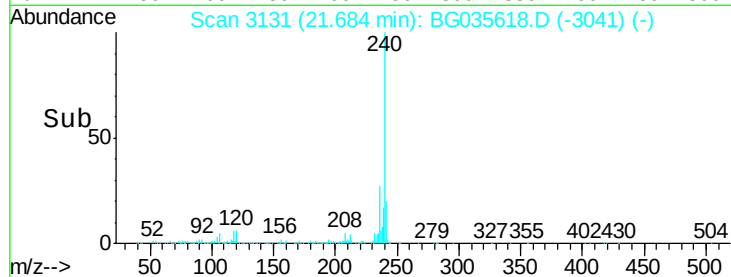
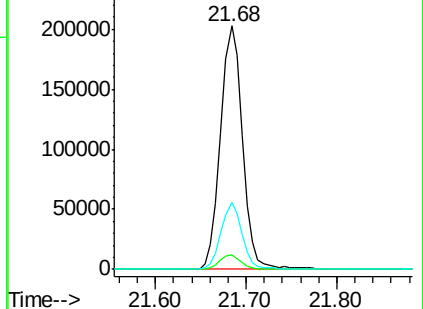
236 27.3 20.9 31.3



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: 3.492 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

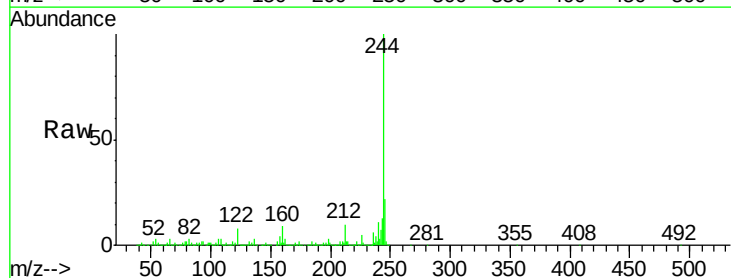
Tgt Ion:184 Resp: 31297

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

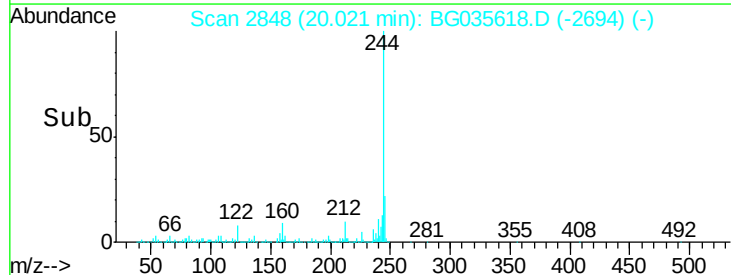
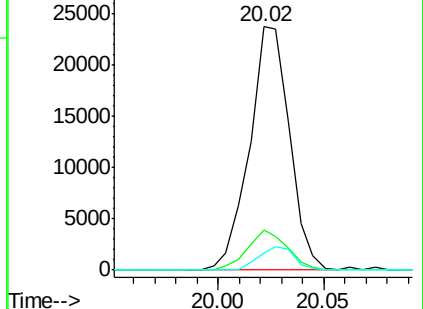
183 7.2 10.6 16.0#

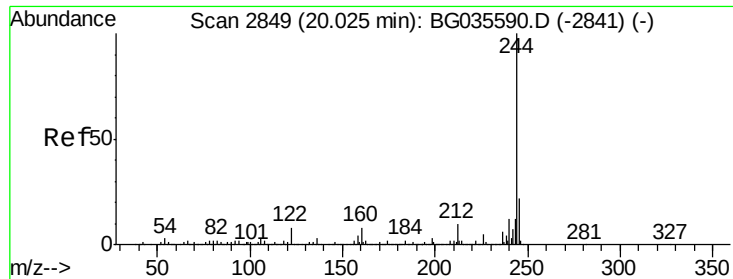


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 103.133 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-B

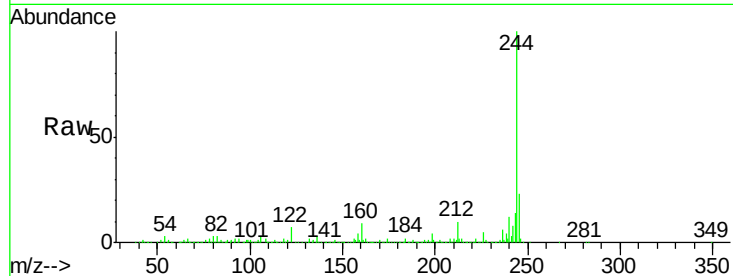
Tgt Ion:244 Resp: 1594969

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

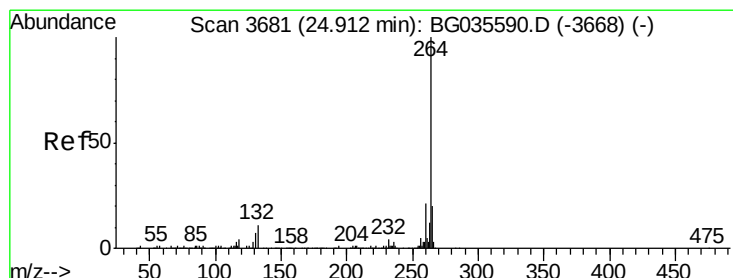
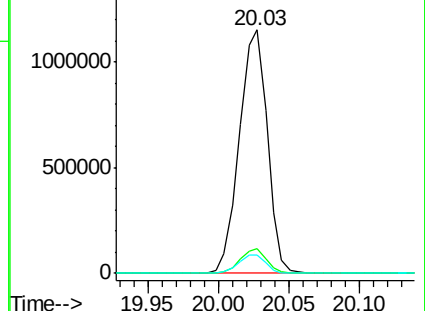
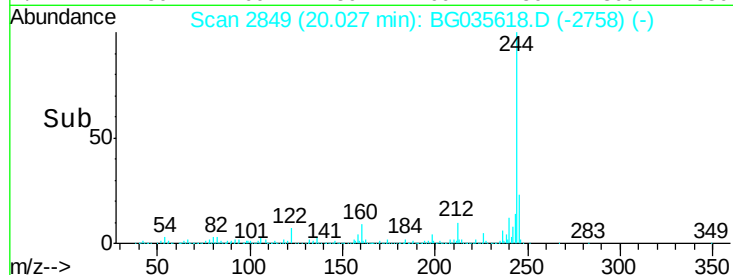
122 7.4 7.0 10.4



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: 24.91 min Scan# 3680

Delta R.T. -0.00 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

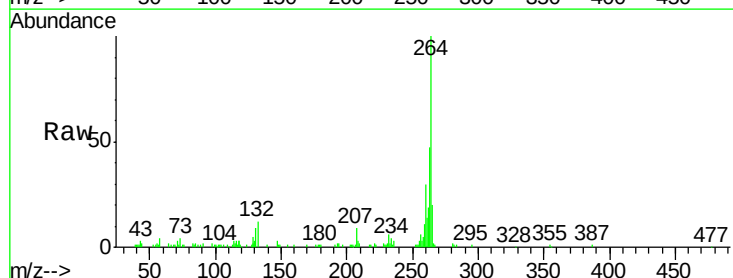
Tgt Ion:264 Resp: 101083

Ion Ratio Lower Upper

264 100

260 29.9 17.4 26.0#

265 20.2 17.7 26.5



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

