

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
 Data File : BG036014.D
 Acq On : 31 Jul 2018 23:20
 Operator : JU/SJ
 Sample : J3825-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 01 01:10:19 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

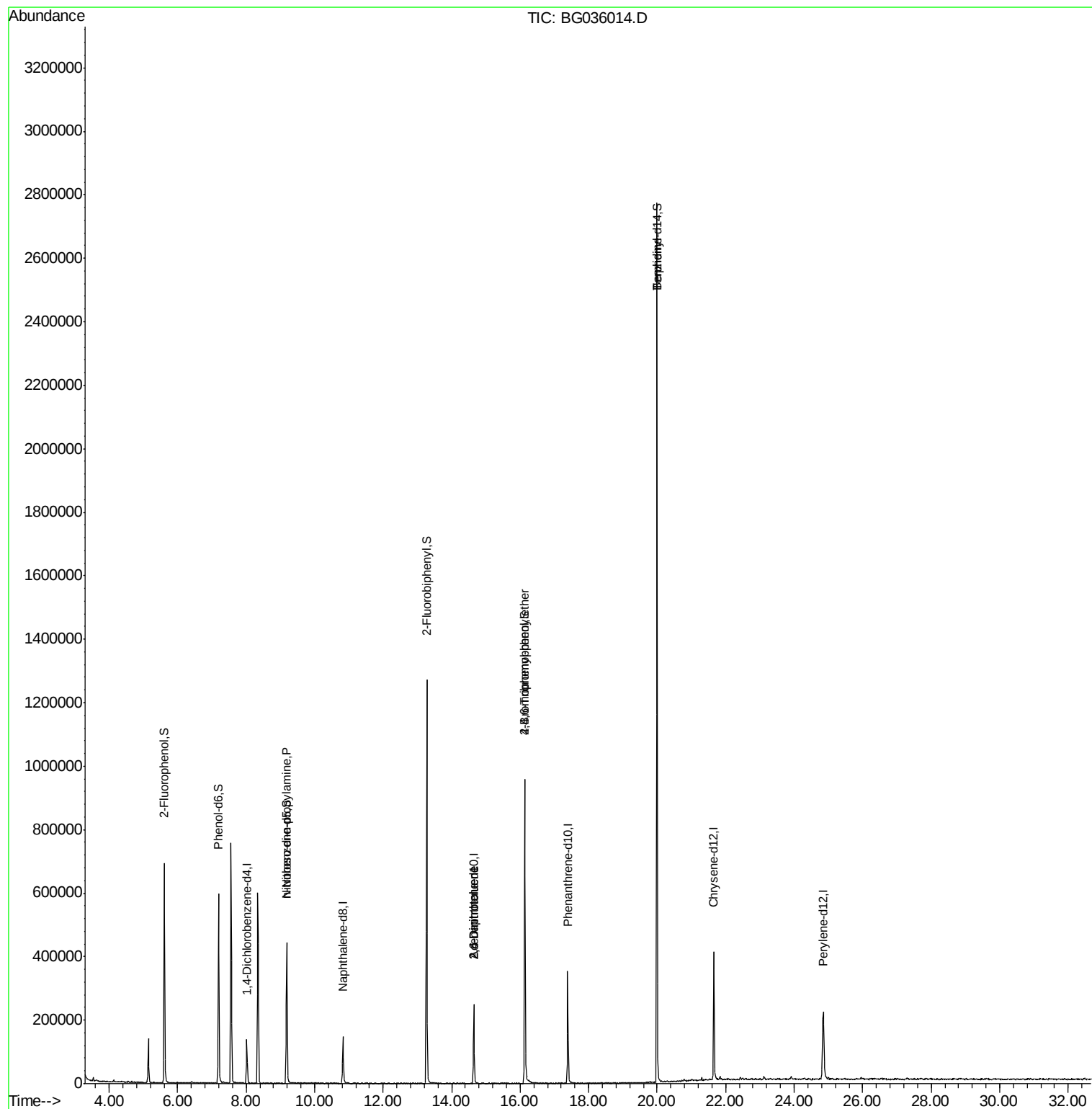
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39437	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	136136	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	95154	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	261837	20.00	ng	0.00
75) Chrysene-d12	21.65	240	283269	20.00	ng	0.00
86) Perylene-d12	24.85	264	263112	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	299961	126.28	ng	0.00
7) Phenol-d6	7.19	99	373139	105.29	ng	0.00
23) Nitrobenzene-d5	9.18	82	309953	95.11	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	200092	159.54	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	713371	100.44	ng	0.00
78) Terphenyl-d14	20.00	244	1322578	102.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	44204	14.812	ng	# 70
50) 2,6-Dinitrotoluene	14.64	165	12262	7.223	ng	# 21
56) 2,4-Dinitrotoluene	14.64	165	12262	5.035	ng	# 19
66) 4-Bromophenyl-phenylether	16.13	248	16436	5.411	ng	# 1
76) Benzidine	20.00	184	22859	3.069	ng	# 92

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
Data File : BG036014.D
Acq On : 31 Jul 2018 23:20
Operator : JU/SJ
Sample : J3825-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 01 01:10:19 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



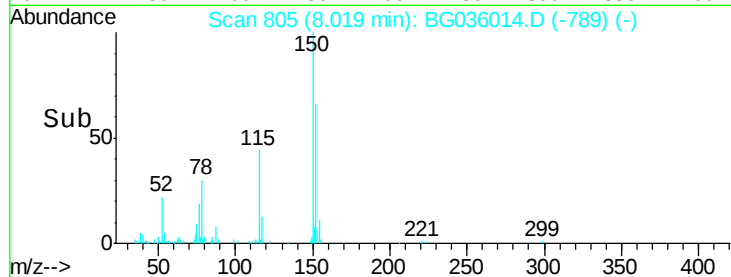
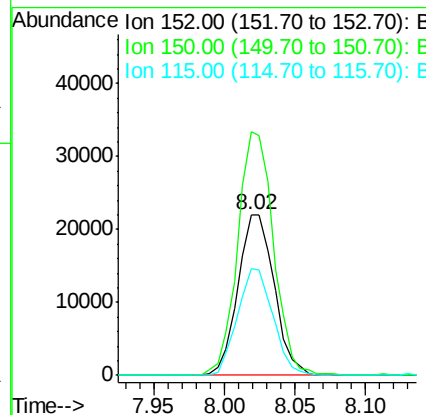
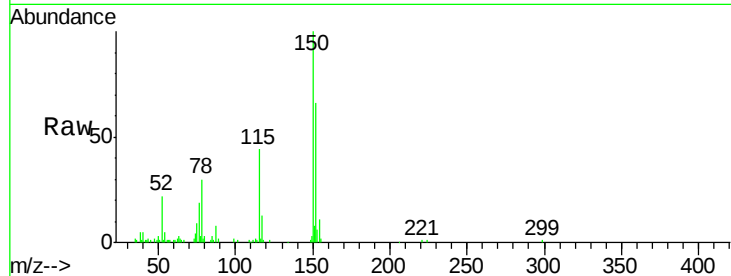


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036014.D
Acq: 31 Jul 2018 23:20

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

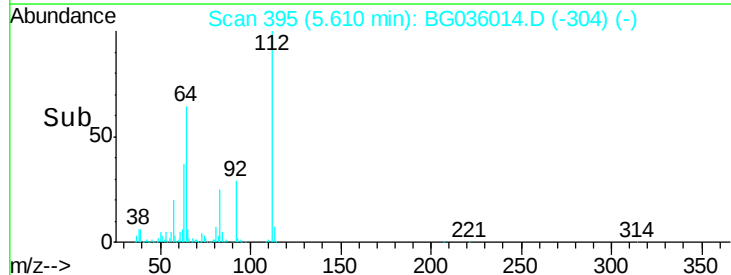
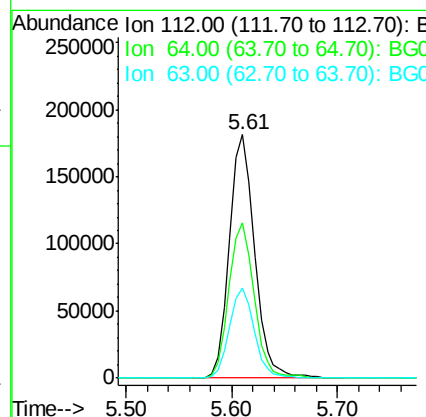
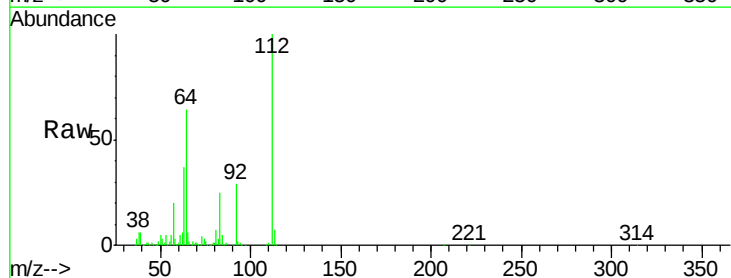
Tgt Ion:152 Resp: 39437
Ion Ratio Lower Upper
152 100
150 151.3 126.6 189.8
115 66.1 53.0 79.4



#5

2-Fluorophenol
Concen: 126.279 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.01 min
Lab File: BG036014.D
Acq: 31 Jul 2018 23:20

Tgt Ion:112 Resp: 299961
Ion Ratio Lower Upper
112 100
64 63.6 56.3 84.5
63 37.2 30.1 45.1





#7

Phenol-d6

Concen: 105.286 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-D

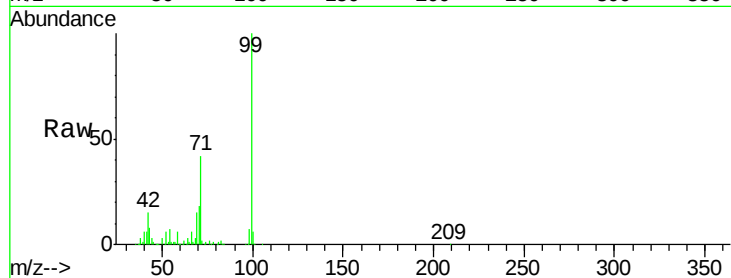
Tgt Ion: 99 Resp: 373139

Ion Ratio Lower Upper

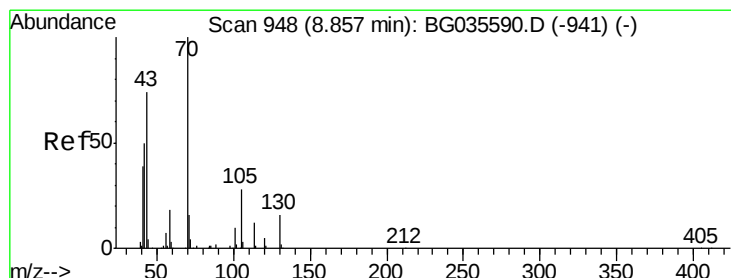
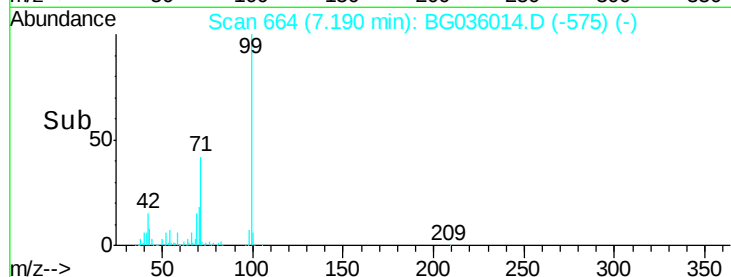
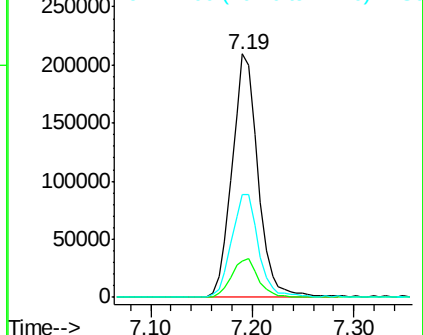
99 100

42 14.8 14.1 21.1

71 42.2 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: 14.812 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

Tgt Ion: 70 Resp: 44204

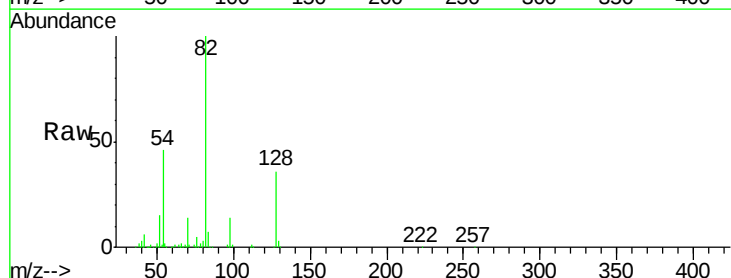
Ion Ratio Lower Upper

70 100

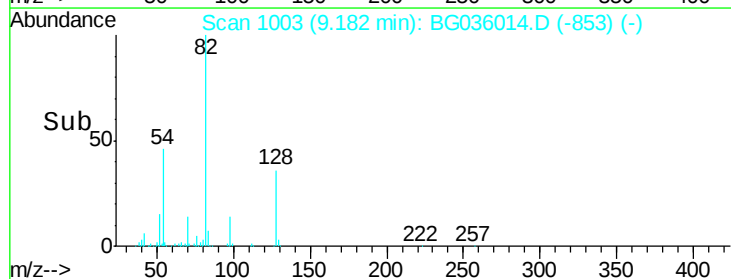
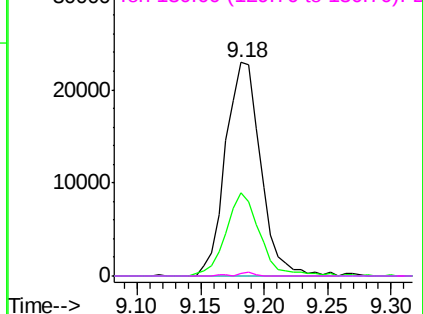
42 38.8 49.1 73.7#

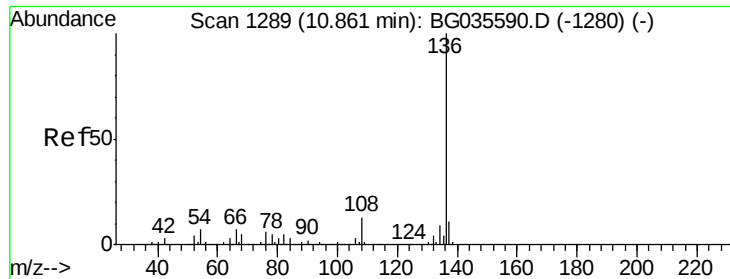
101 0.0 8.5 12.7#

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

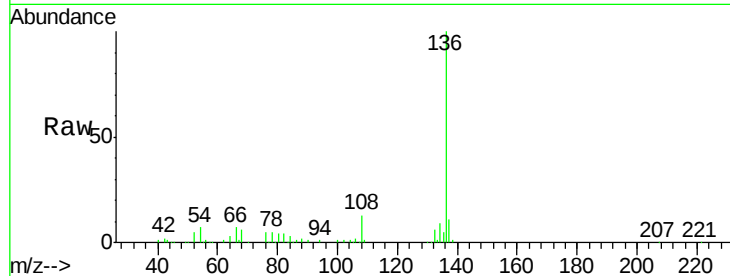




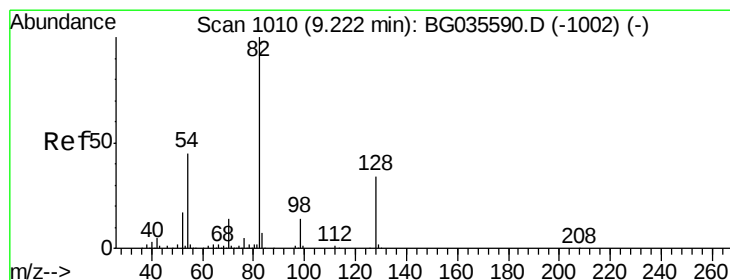
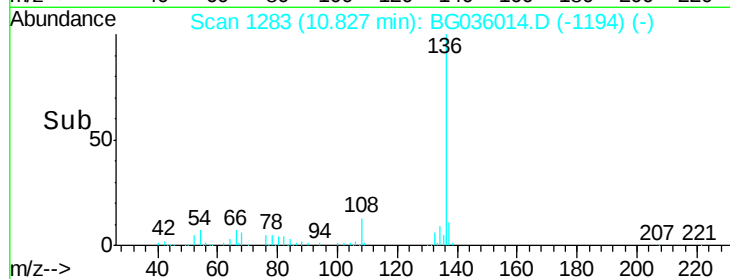
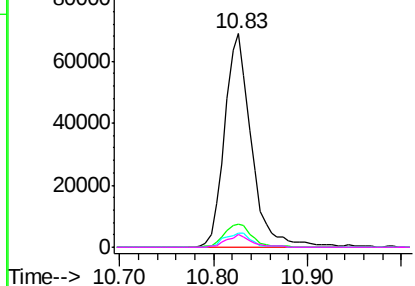
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036014.D
Acq: 31 Jul 2018 23:20

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

Tgt Ion:	136	Resp:	136136
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	6.6	10.3	15.5
68	6.2	4.5	6.7

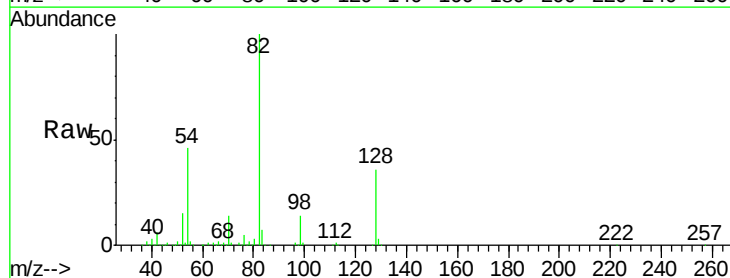


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

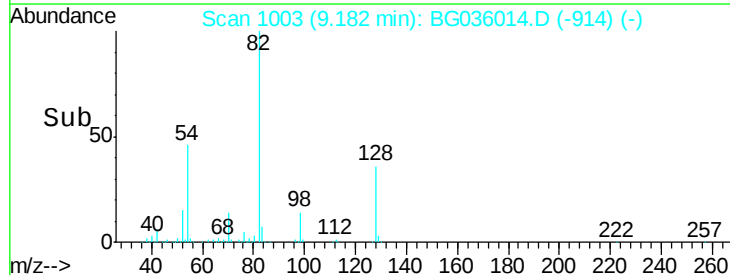
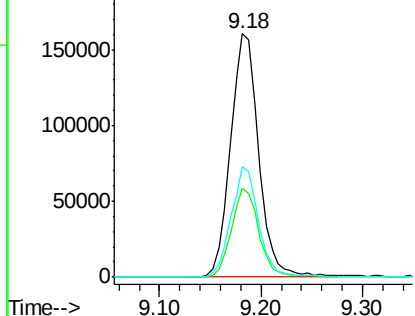


#23
Nitrobenzene-d5
Concen: 95.112 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036014.D
Acq: 31 Jul 2018 23:20

Tgt Ion:	82	Resp:	309953
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	45.6	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-D

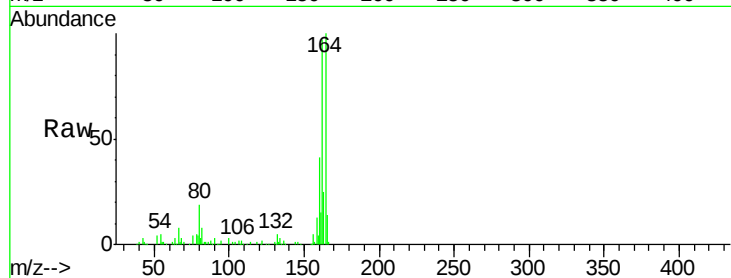
Tgt Ion:164 Resp: 95154

Ion Ratio Lower Upper

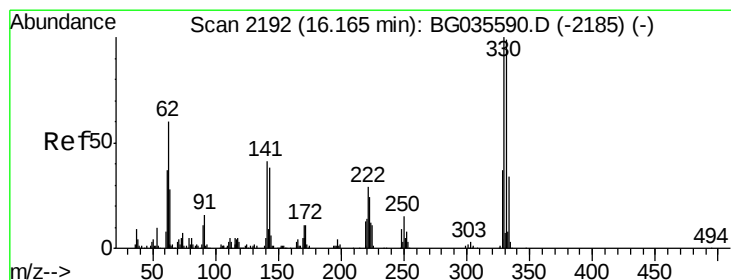
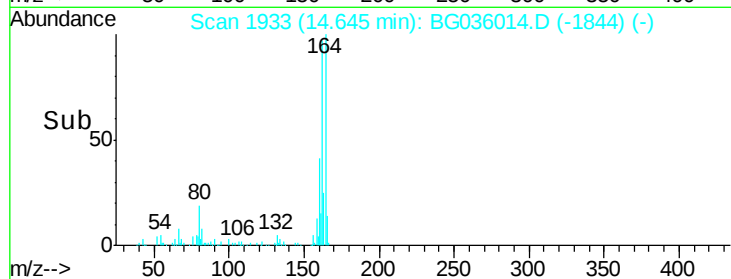
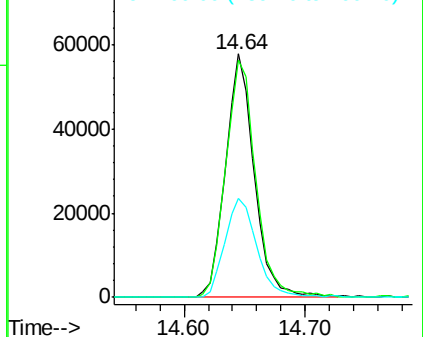
164 100

162 97.2 78.8 118.2

160 40.9 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: 159.539 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

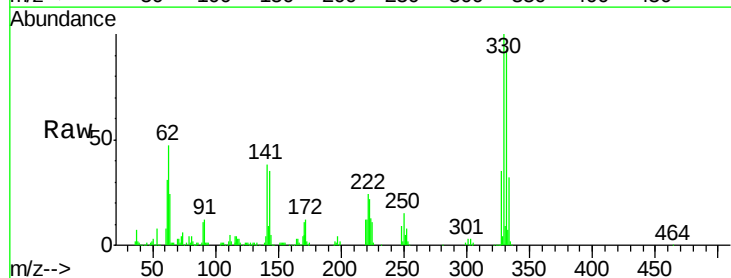
Tgt Ion:330 Resp: 200092

Ion Ratio Lower Upper

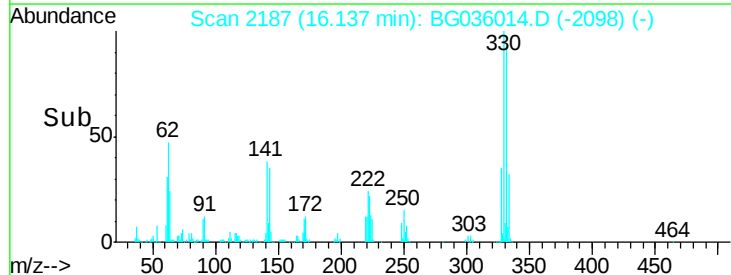
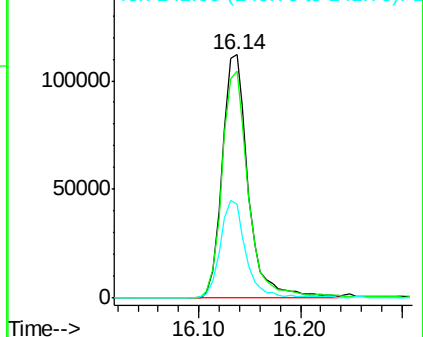
330 100

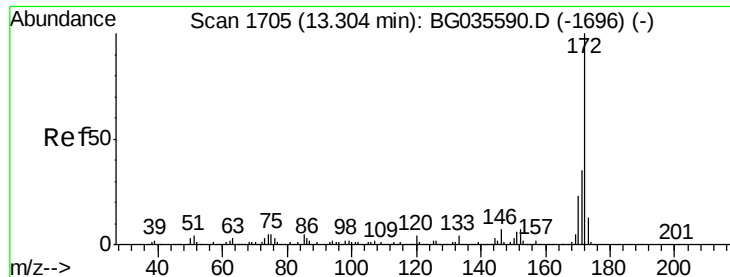
332 94.7 77.0 115.6

141 38.9 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

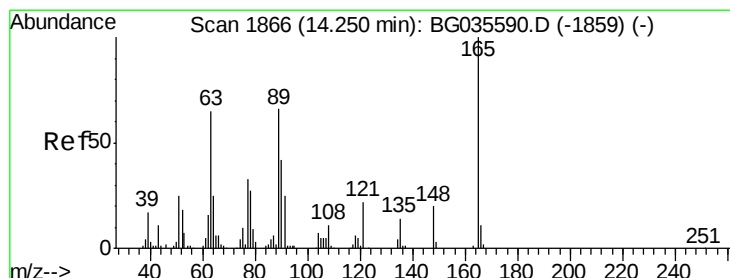
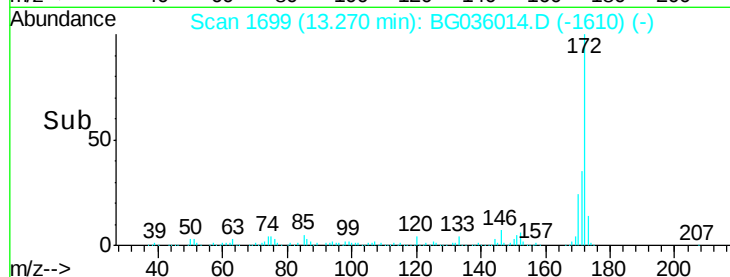
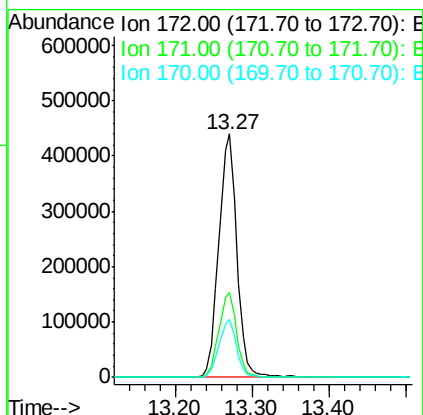
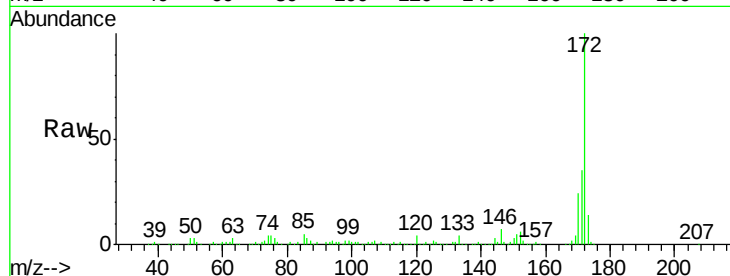




#44
 2-Fluorobiphenyl
 Concen: 100.441 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036014.D
 Acq: 31 Jul 2018 23:20

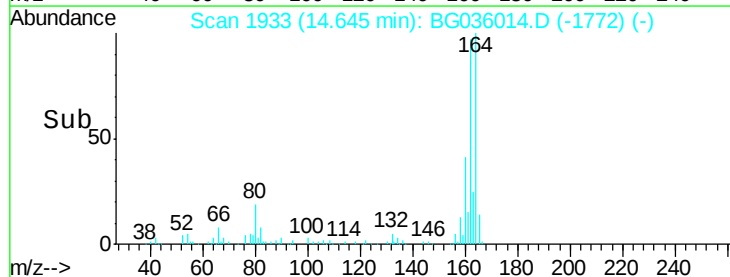
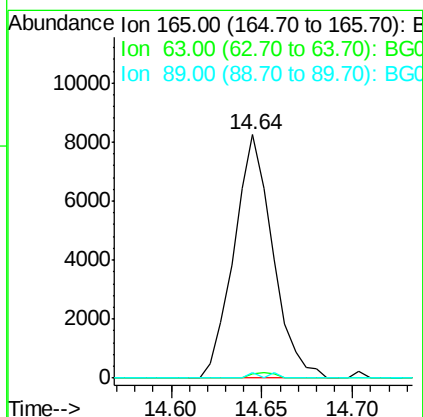
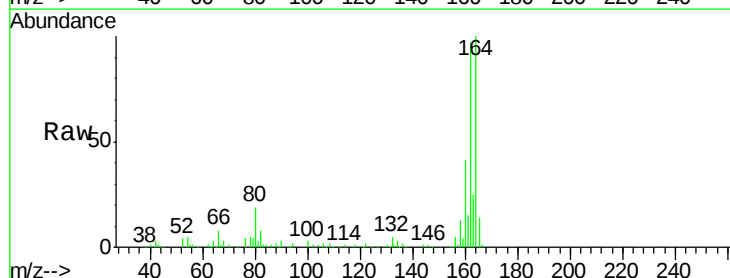
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-073018-D

Tgt Ion:172 Resp: 713371
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.0 45.0
 170 23.7 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.223 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. 0.42 min
 Lab File: BG036014.D
 Acq: 31 Jul 2018 23:20

Tgt Ion:165 Resp: 12262
 Ion Ratio Lower Upper
 165 100
 63 2.0 52.7 79.1#
 89 2.2 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 5.035 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.37 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-D

Tgt Ion:165 Resp: 12262

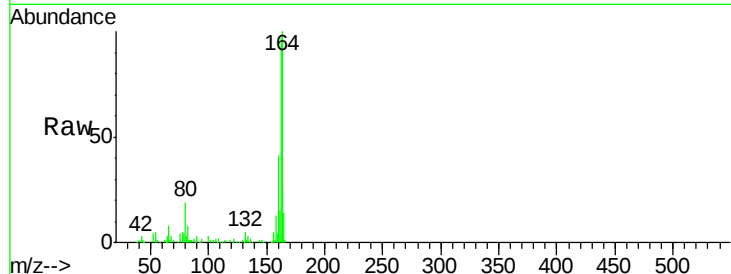
Ion Ratio Lower Upper

165 100

63 2.0 42.0 63.0#

89 2.2 66.9 100.3#

182 0.0 2.6 3.8#

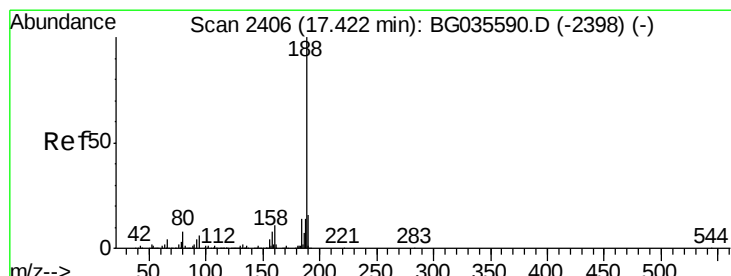
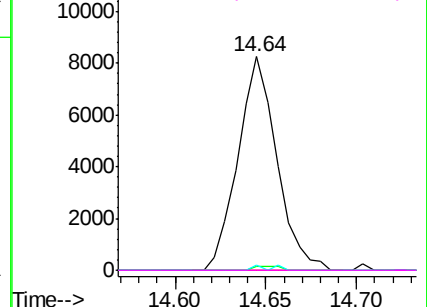
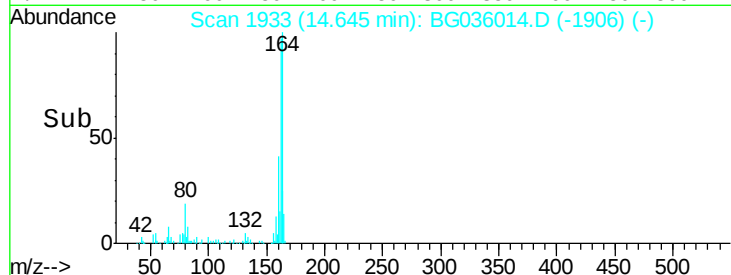


Abundance Ion 165.00 (164.70 to 165.70): E

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# 2400

Delta R.T. -0.01 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

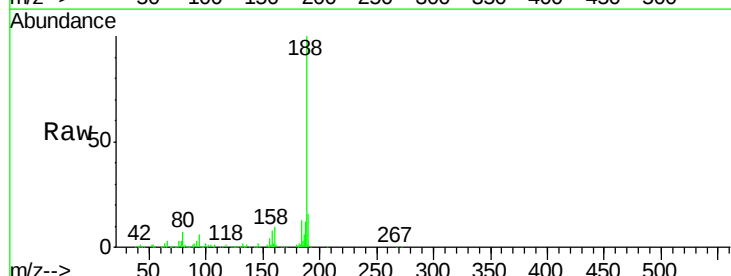
Tgt Ion:188 Resp: 261837

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

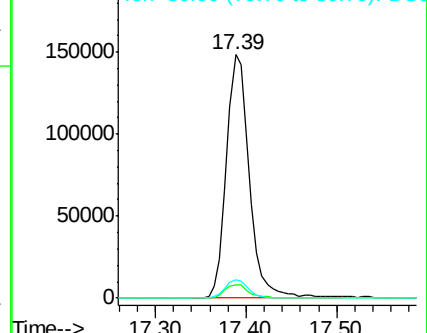
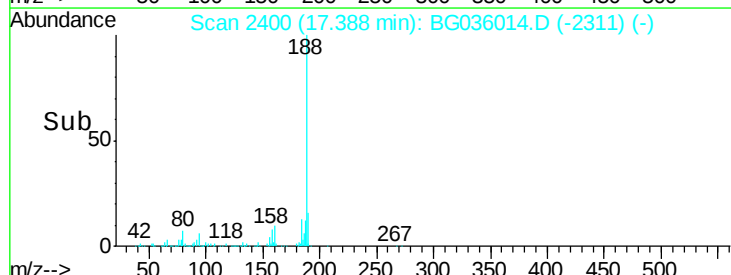
80 7.3 7.7 11.5#

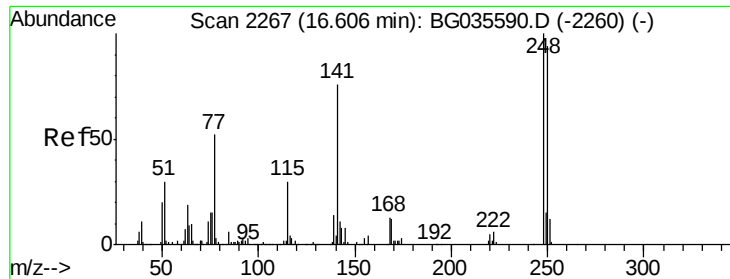


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

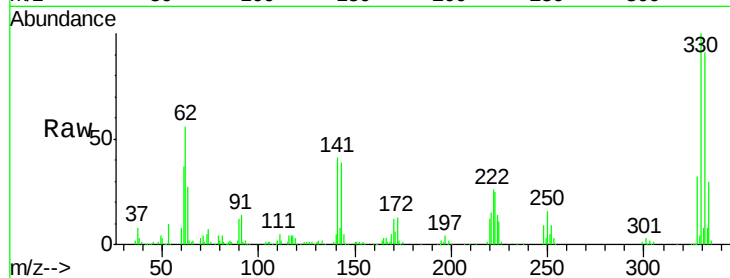




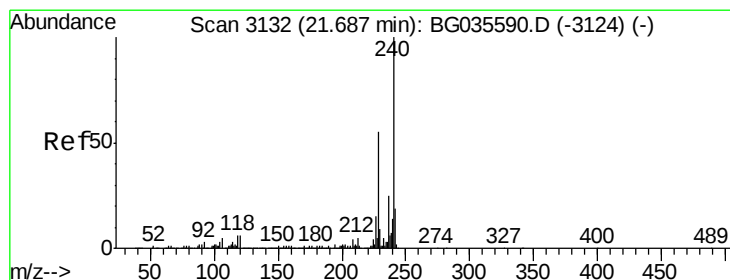
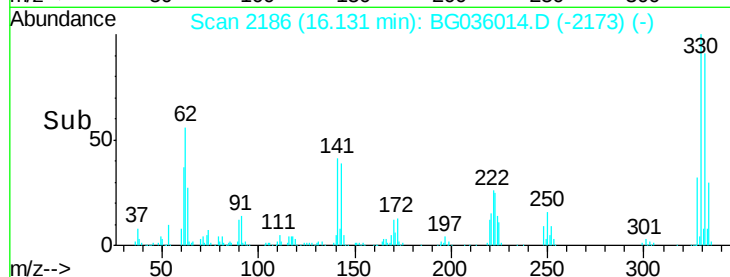
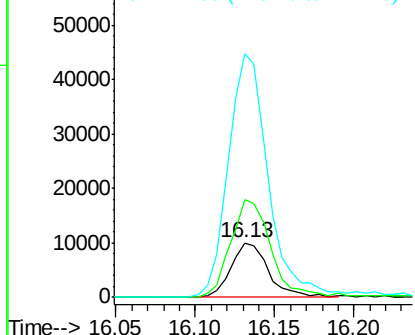
#66
4-Bromophenyl-phenylether
Concen: 5.411 ng
RT: 16.13 min Scan# 2186
Delta R.T. -0.45 min
Lab File: BG036014.D
Acq: 31 Jul 2018 23:20

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

Tgt Ion:248 Resp: 16436
Ion Ratio Lower Upper
248 100
250 178.9 77.1 115.7#
141 448.1 50.8 76.2#

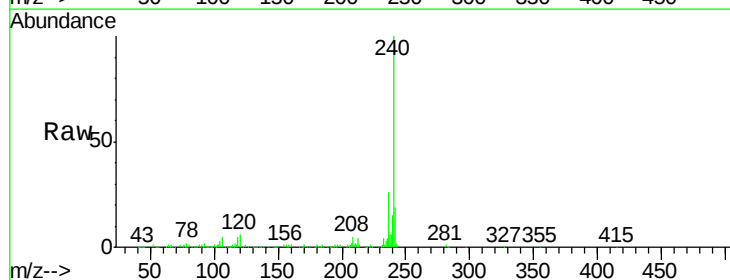


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

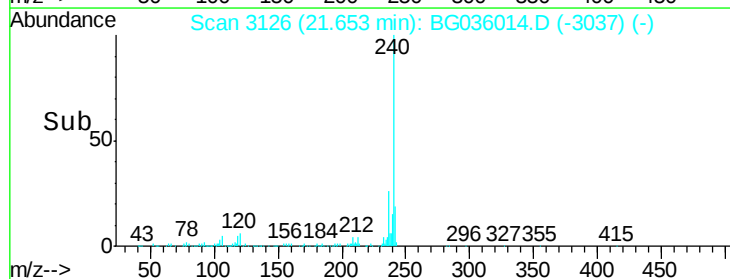
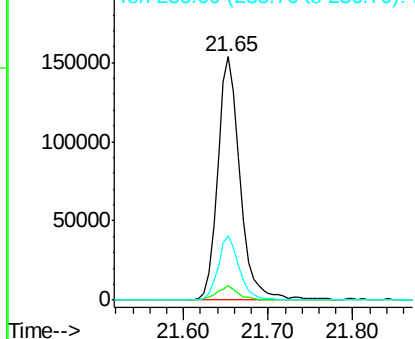


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036014.D
Acq: 31 Jul 2018 23:20

Tgt Ion:240 Resp: 283269
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 26.3 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: 3.069 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-D

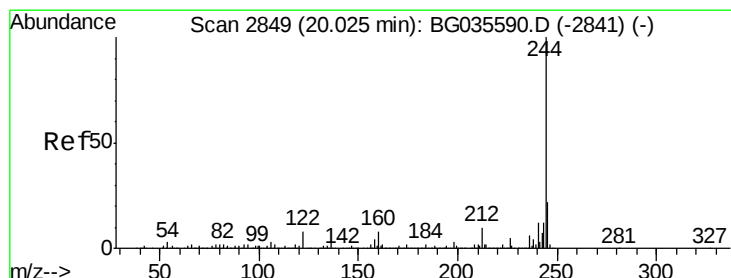
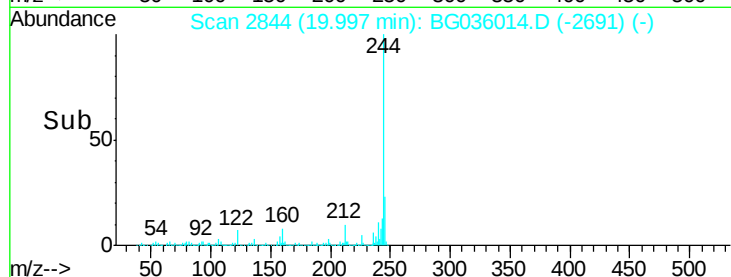
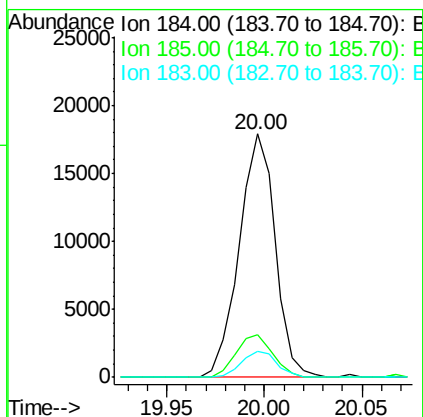
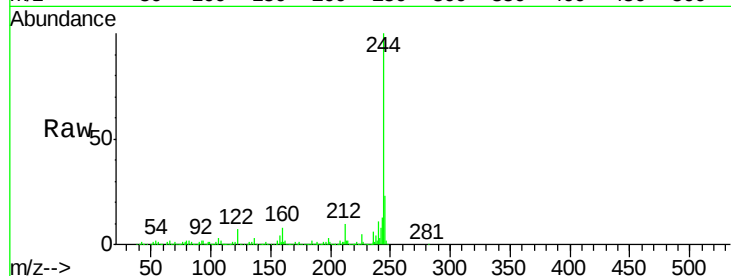
Tgt Ion:184 Resp: 22859

Ion Ratio Lower Upper

184 100

185 17.4 11.1 16.7#

183 10.6 10.6 16.0#



#78

Terphenyl-d14

Concen: 102.918 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

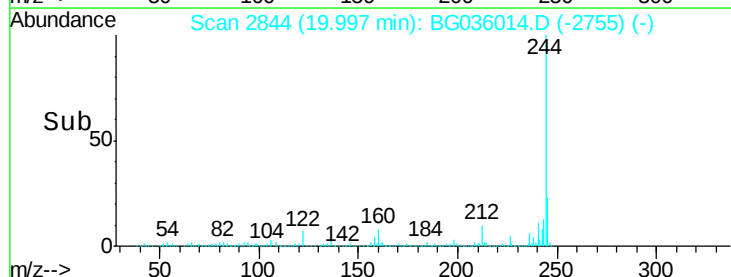
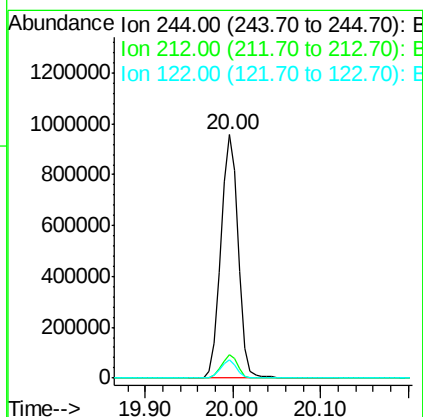
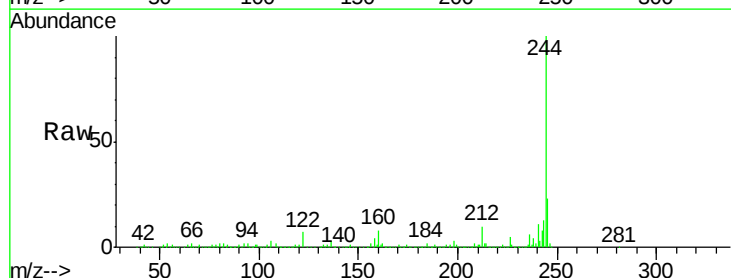
Tgt Ion:244 Resp: 1322578

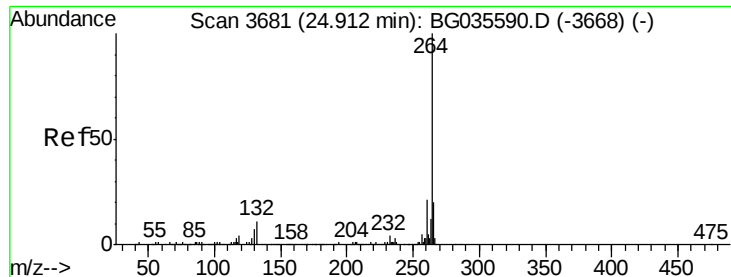
Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

122 7.3 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: BG036014.D
Acq: 31 Jul 2018 23:20

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	20.3	17.7	26.5

