

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
 Data File : BG036043.D
 Acq On : 1 Aug 2018 21:09
 Operator : JU/SJ
 Sample : J4257-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 02 08:23:37 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

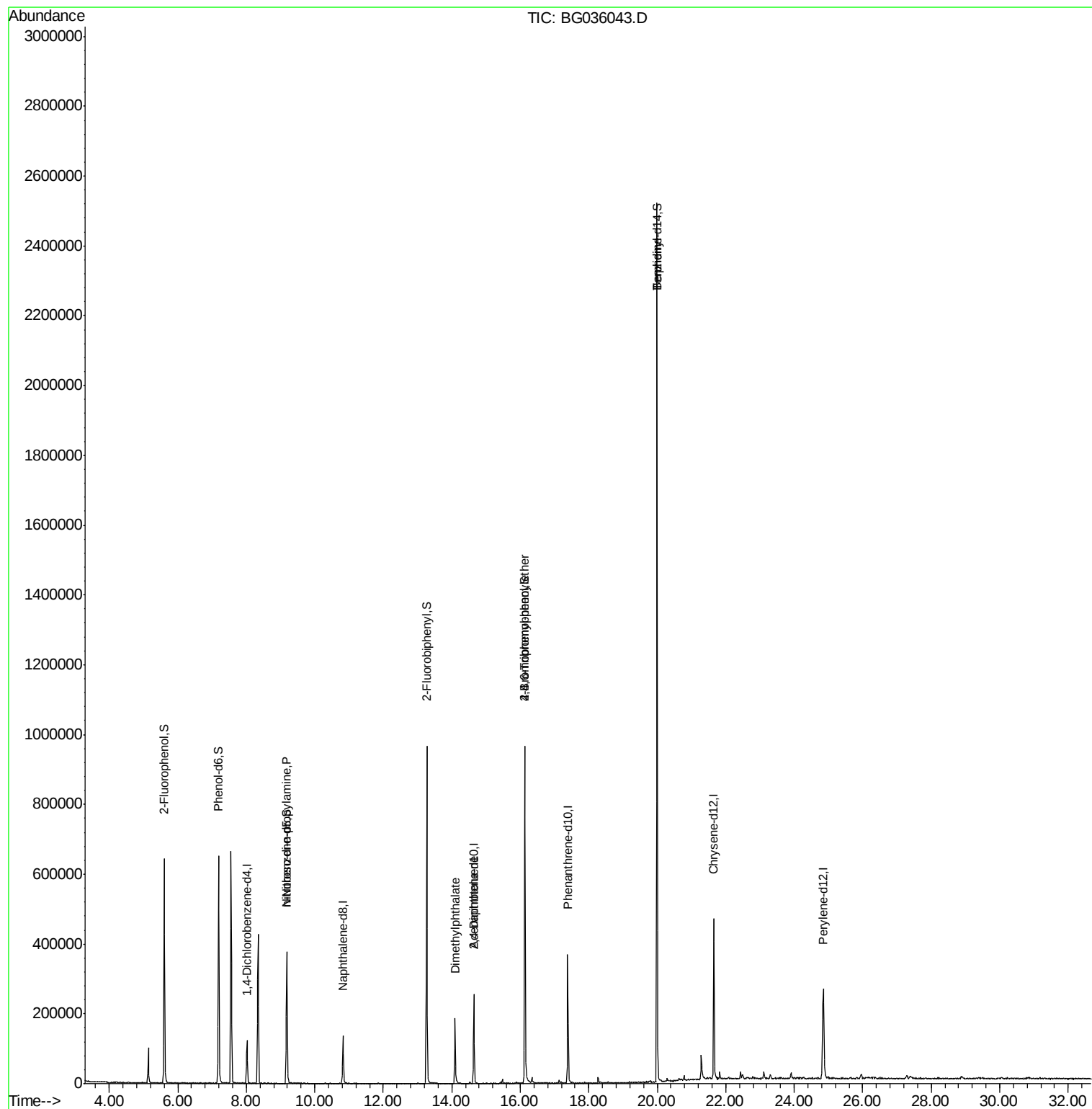
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35249	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	124988	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	94036	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	264680	20.00	ng	0.00
75) Chrysene-d12	21.65	240	305627	20.00	ng	0.00
86) Perylene-d12	24.85	264	298135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	284235	133.88	ng	0.00
7) Phenol-d6	7.19	99	419167	132.33	ng	0.00
23) Nitrobenzene-d5	9.19	82	275314	92.02	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	193853	156.40	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	554404	78.99	ng	0.00
78) Terphenyl-d14	19.99	244	1216451	87.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	37906	14.211	ng	Qvalue # 63
49) Dimethylphthalate	14.10	163	139242	16.900	ng	99
56) 2,4-Dinitrotoluene	14.64	165	13553	5.631	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	15459	5.034	ng	# 1
76) Benzidine	20.00	184	21035	2.618	ng	# 93

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

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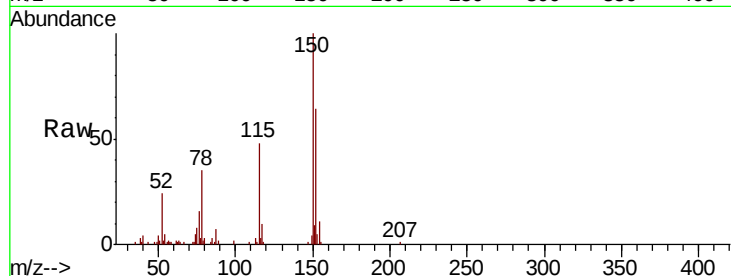


#1

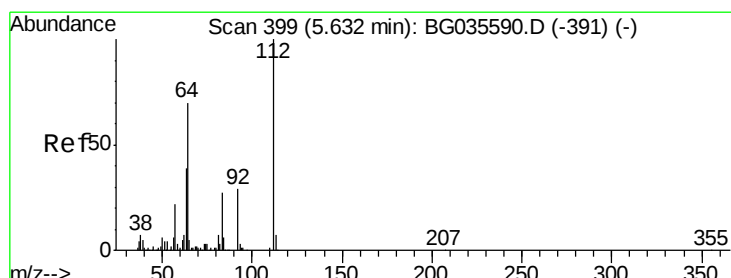
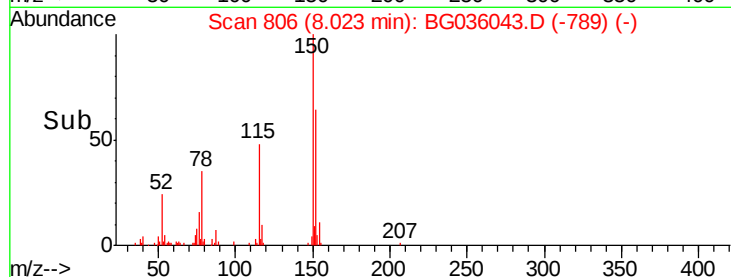
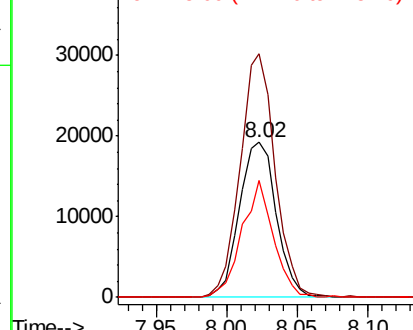
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036043.D
Acq: 1 Aug 2018 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35249
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 75.5 53.0 79.4



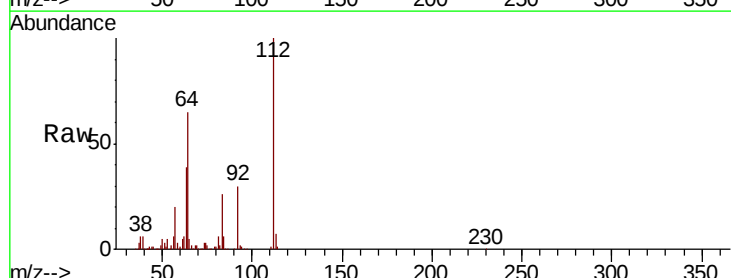
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



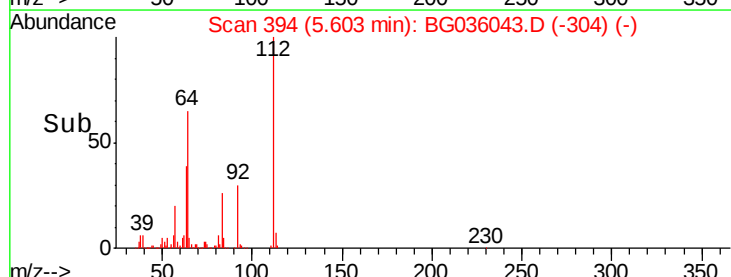
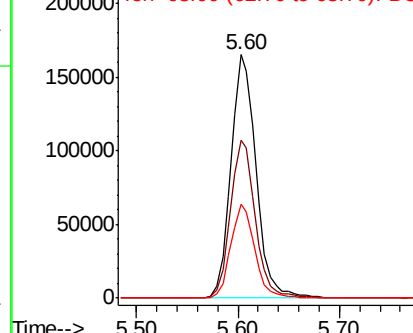
#5

2-Fluorophenol
Concen: 133.875 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036043.D
Acq: 1 Aug 2018 21:09

Tgt Ion:112 Resp: 284235
Ion Ratio Lower Upper
112 100
64 64.9 56.3 84.5
63 38.7 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: 132.326 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036043.D

Acq: 1 Aug 2018 21:09

Instrument :

BNA_G

ClientSampled :

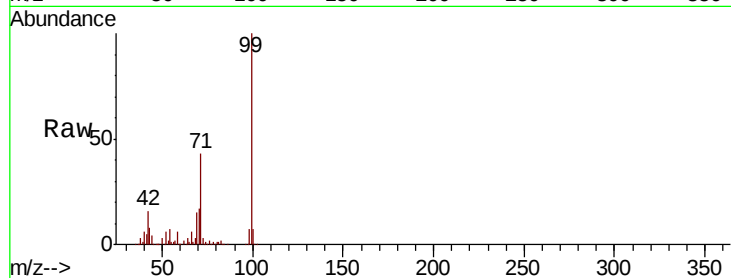
Tot Ion: 99 Resp: 419167

Ion Ratio Lower Upper

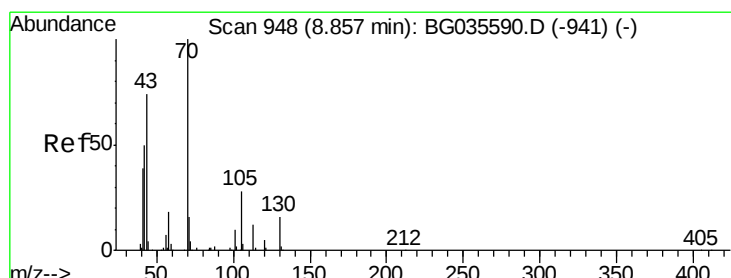
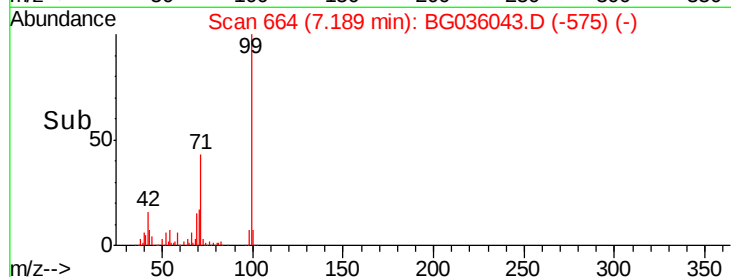
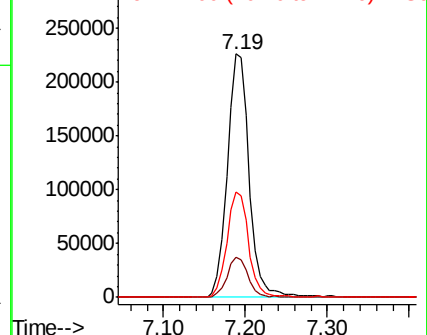
99 100

42 16.4 14.1 21.1

71 43.1 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: 14.211 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG036043.D

Acq: 1 Aug 2018 21:09

Tgt Ion: 70 Resp: 37906

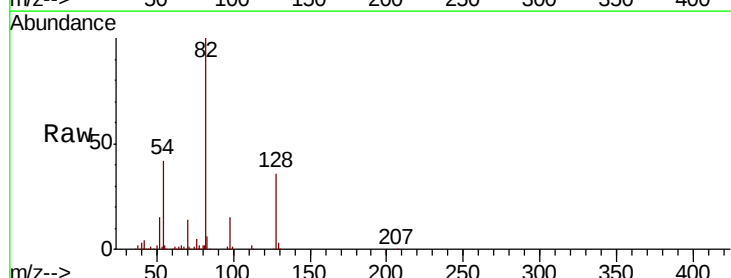
Ion Ratio Lower Upper

70 100

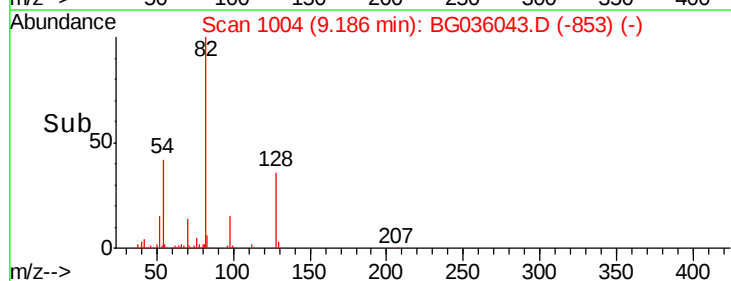
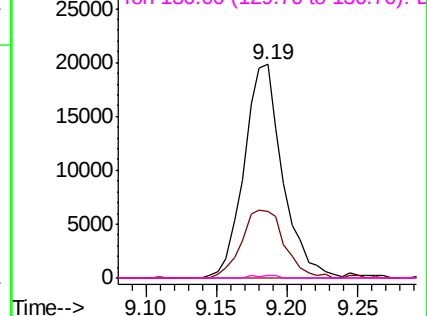
42 31.5 49.1 73.7#

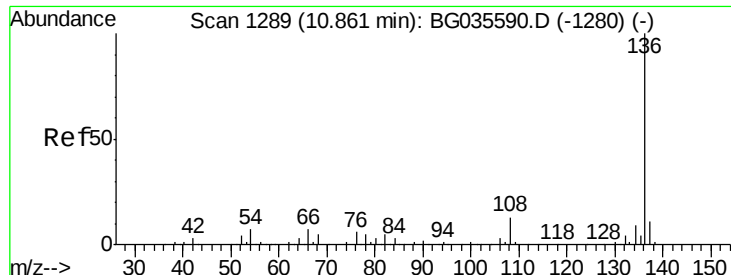
101 0.0 8.5 12.7#

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: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036043.D

Acq: 1 Aug 2018 21:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 124988

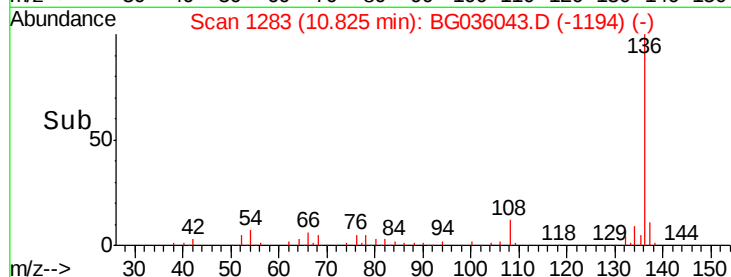
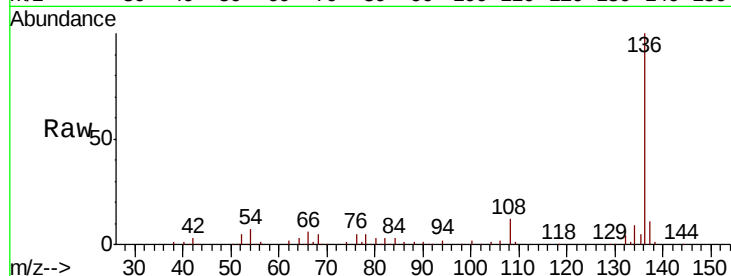
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.0 10.3 15.5#

68 4.7 4.5 6.7

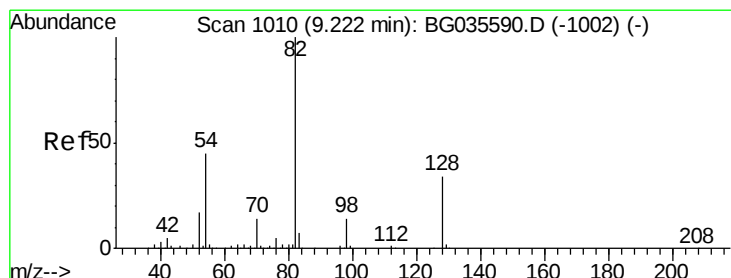
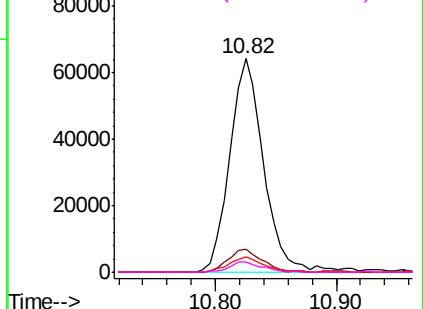


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.018 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG036043.D

Acq: 1 Aug 2018 21:09

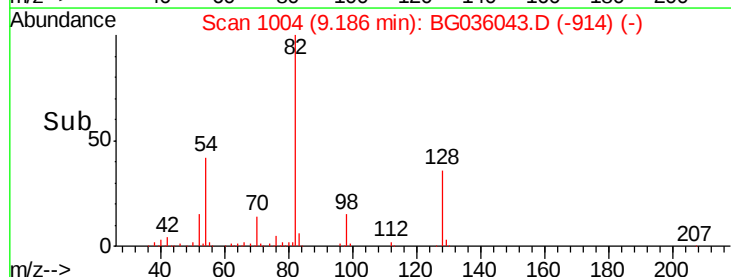
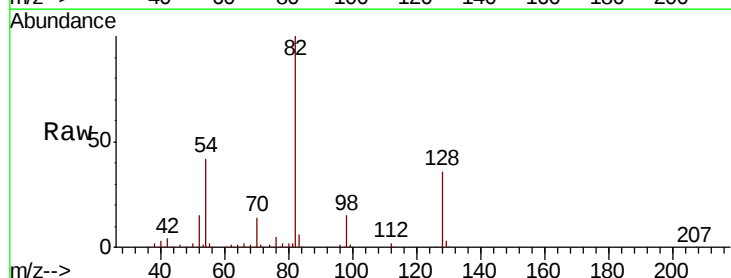
Tgt Ion: 82 Resp: 275314

Ion Ratio Lower Upper

82 100

128 35.9 29.7 44.5

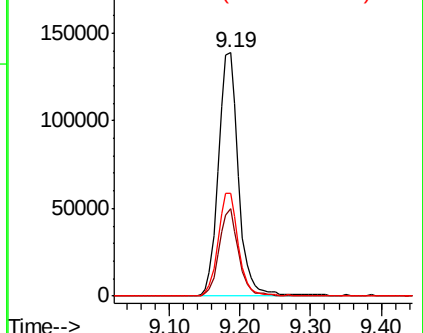
54 42.0 43.1 64.7#



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: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036043.D

Acq: 1 Aug 2018 21:09

Instrument :

BNA_G

ClientSampleId :

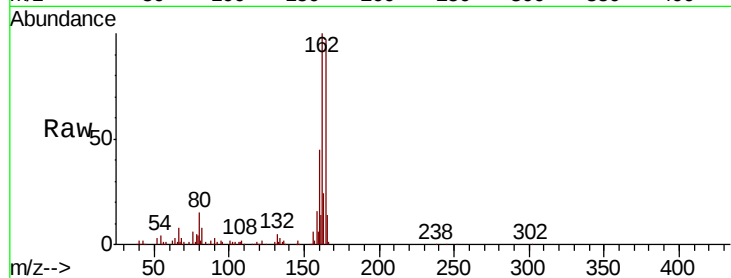
Tot Ion:164 Resp: 94036

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

160 46.3 35.4 53.0

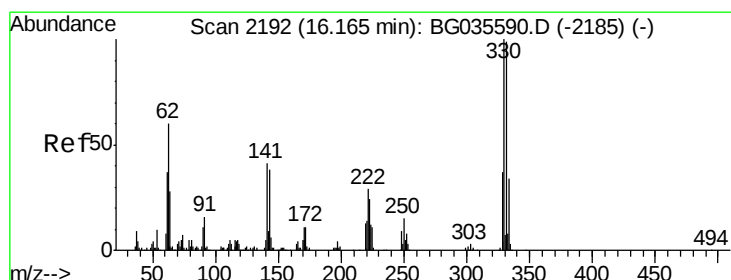
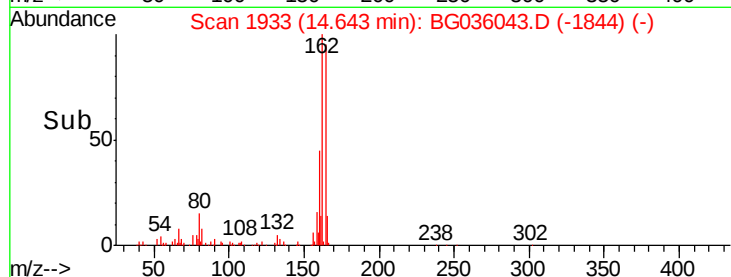
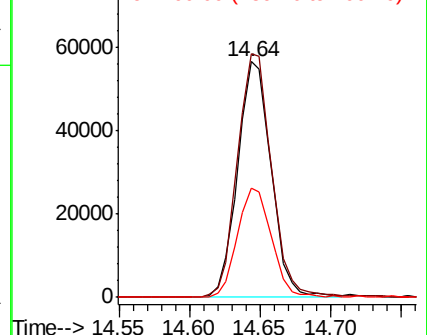


Abundance

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: 156.402 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036043.D

Acq: 1 Aug 2018 21:09

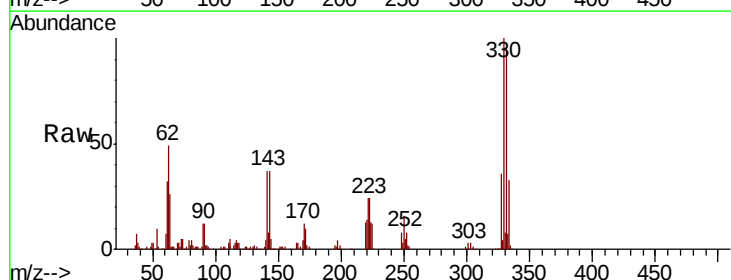
Tgt Ion:330 Resp: 193853

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

141 38.7 25.2 37.8#

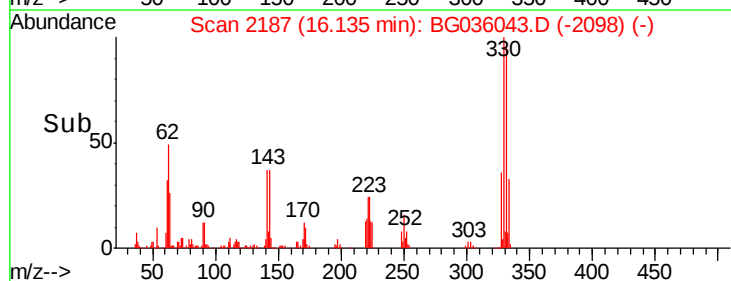
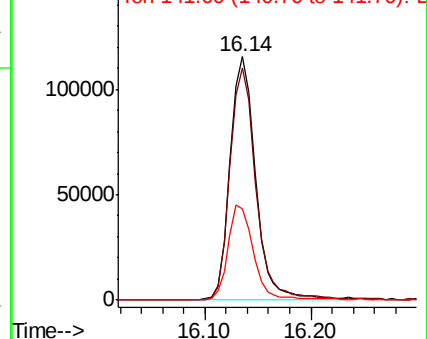


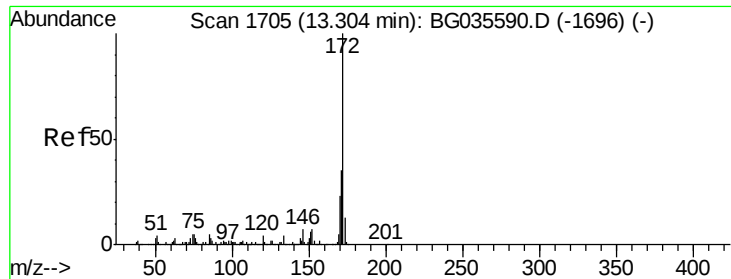
Abundance

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

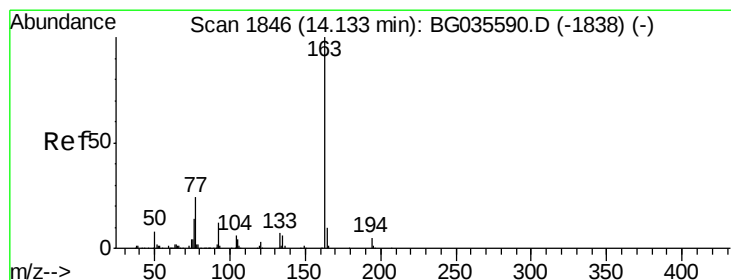
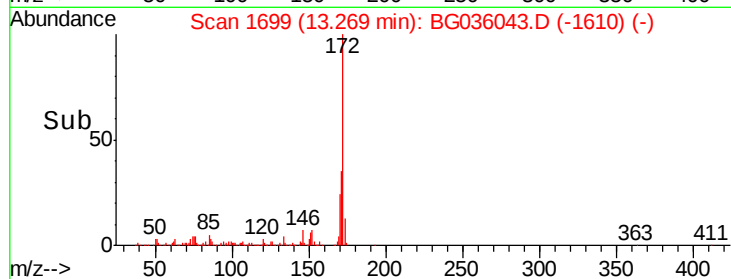
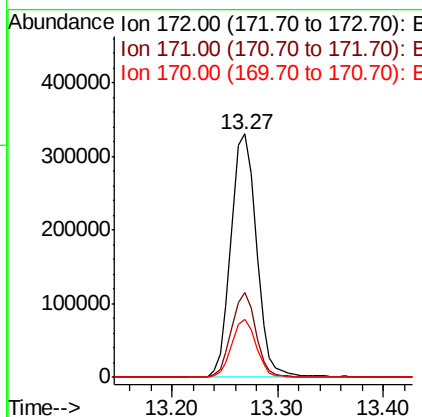
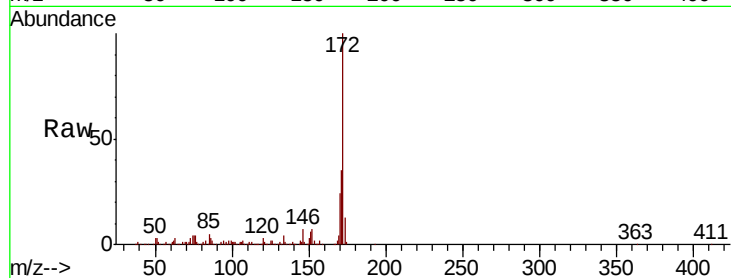




#44
2-Fluorobiphenyl
Concen: 78.987 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036043.D
Acq: 1 Aug 2018 21:09

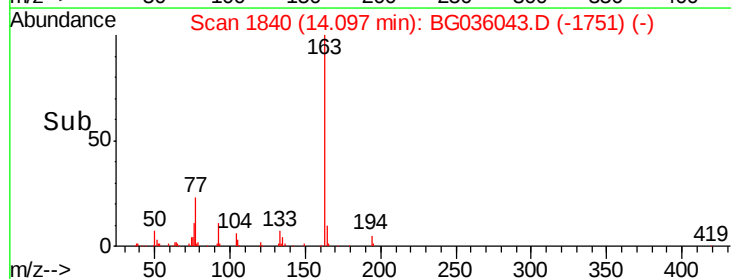
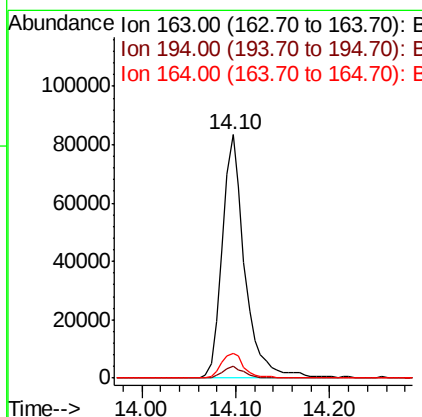
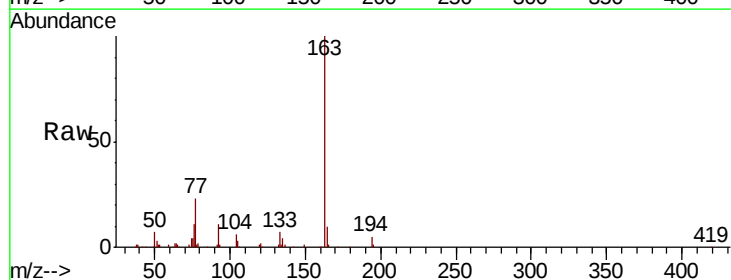
Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 554404
Ion Ratio Lower Upper
172 100
171 34.8 30.0 45.0
170 23.7 19.5 29.3



#49
Dimethylphthalate
Concen: 16.900 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG036043.D
Acq: 1 Aug 2018 21:09

Tgt Ion:163 Resp: 139242
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 10.4 8.2 12.4

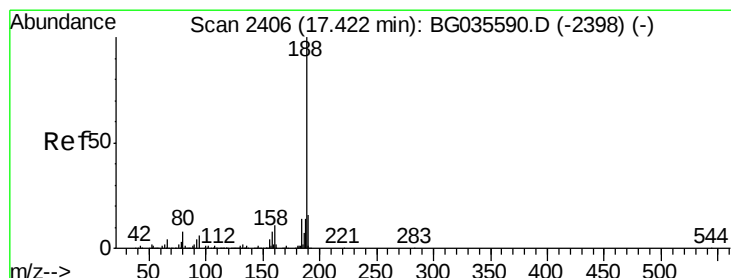
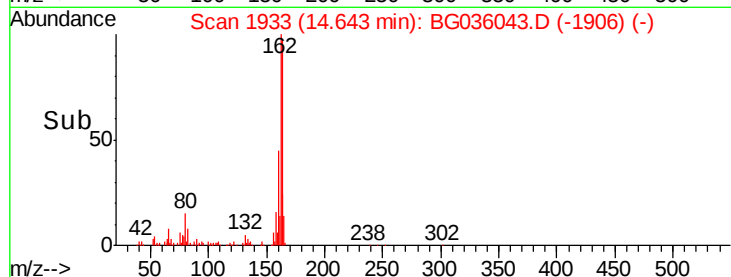
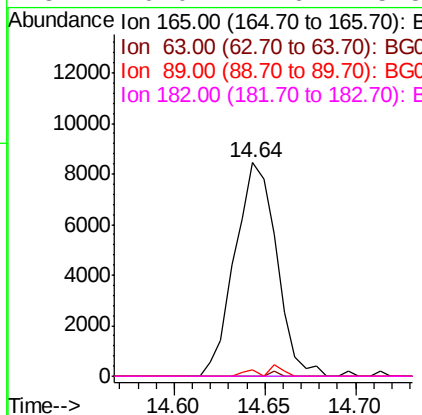
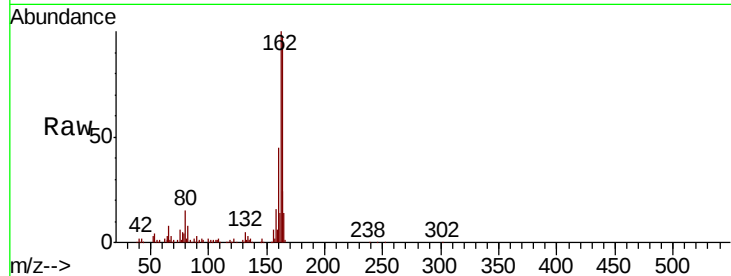




#56
 2,4-Dinitrotoluene
 Concen: 5.631 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.37 min
 Lab File: BG036043.D
 Acq: 1 Aug 2018 21:09

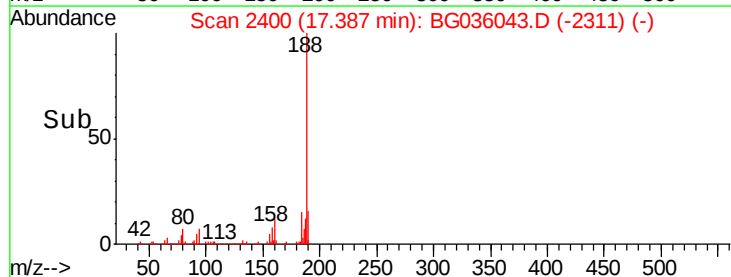
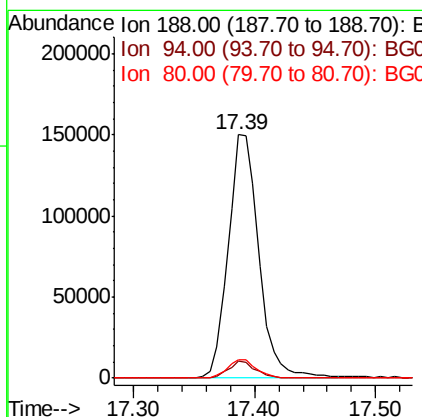
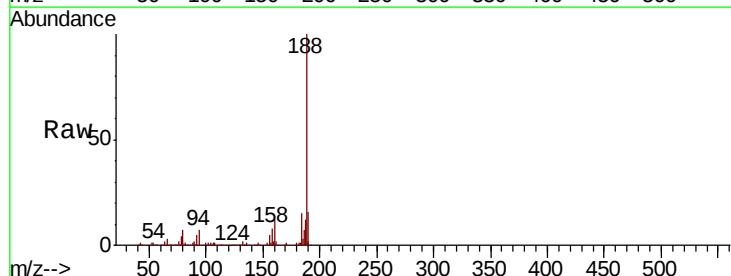
Instrument :
 BNA_G
 ClientSampleId :

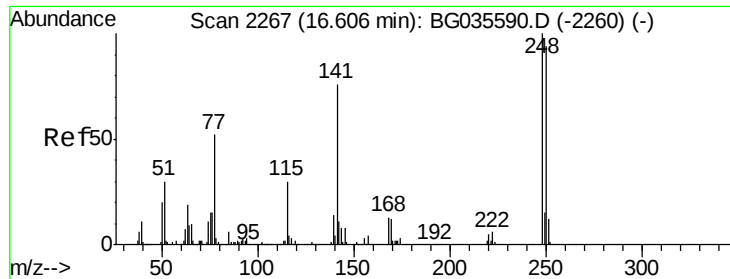
Tot Ion:165 Resp: 13553
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.8 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BG036043.D
 Acq: 1 Aug 2018 21:09

Tgt Ion:188 Resp: 264680
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.9 10.3
 80 7.5 7.7 11.5#

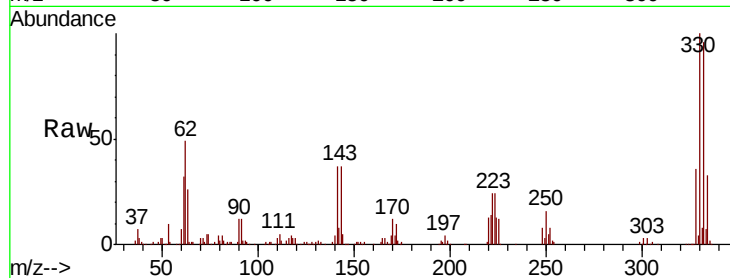




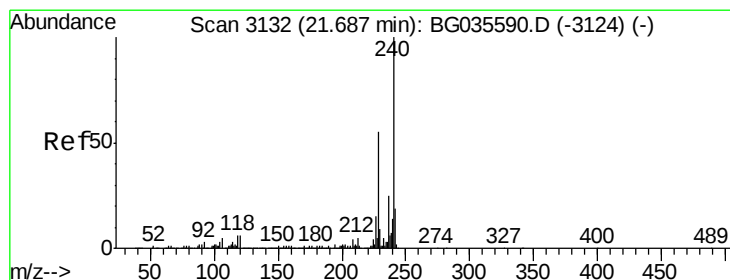
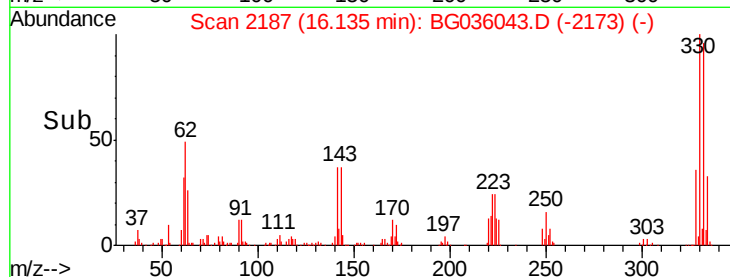
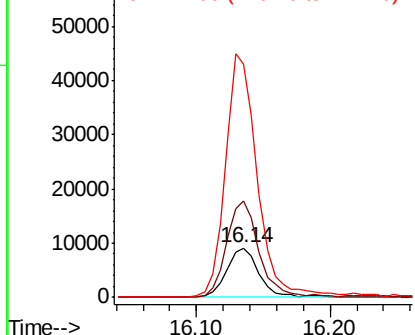
#66
4-Bromophenyl-phenylether
Concen: 5.034 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG036043.D
Acq: 1 Aug 2018 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15459
Ion Ratio Lower Upper
248 100
250 197.8 77.1 115.7#
141 475.4 50.8 76.2#

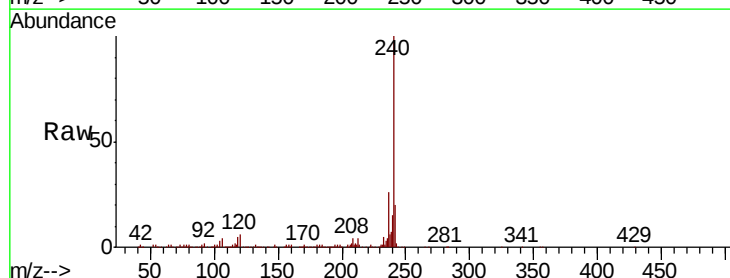


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

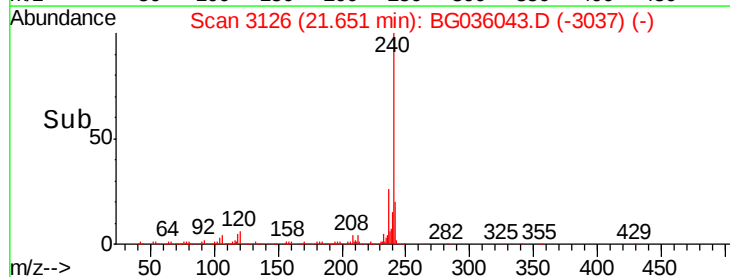
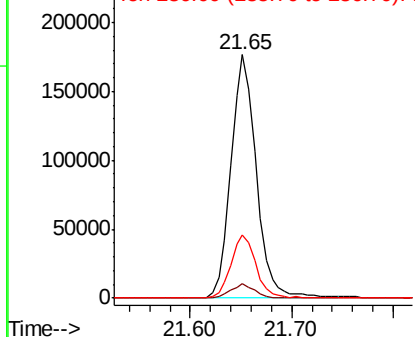


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036043.D
Acq: 1 Aug 2018 21:09

Tgt Ion:240 Resp: 305627
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 26.2 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: 2.618 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG036043.D

Acq: 1 Aug 2018 21:09

Instrument :

BNA_G

ClientSampleId :

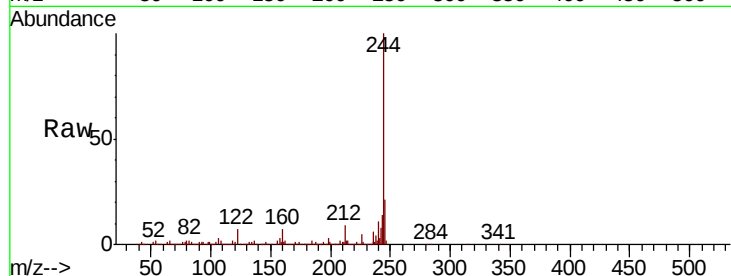
Tot Ion:184 Resp: 21035

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

183 10.1 10.6 16.0#

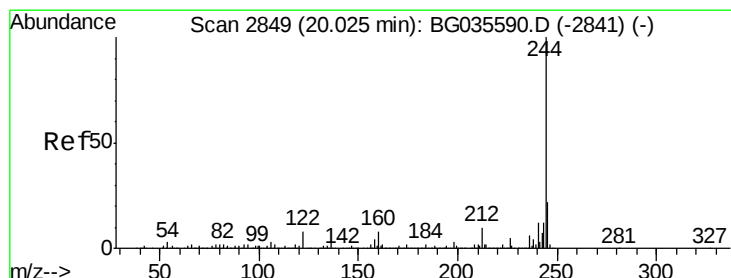
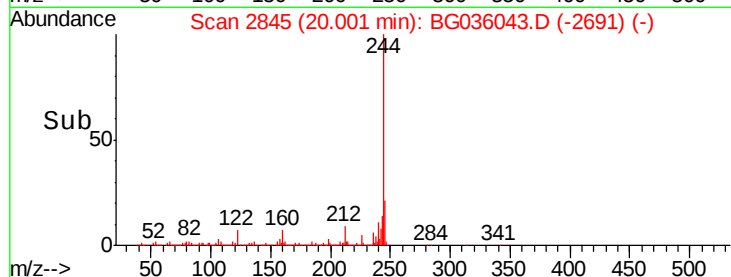
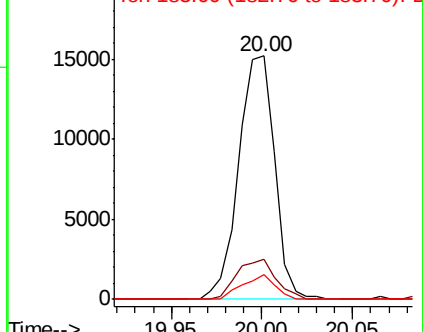


Abundance

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: 87.735 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036043.D

Acq: 1 Aug 2018 21:09

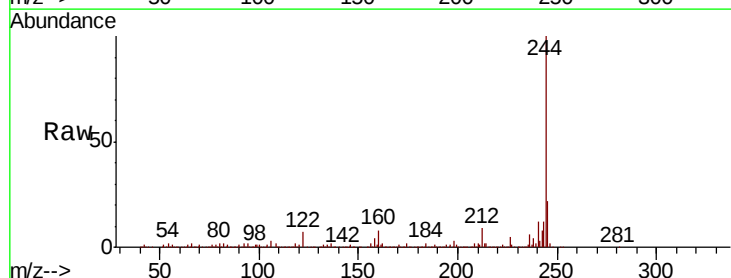
Tgt Ion:244 Resp: 1216451

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

122 6.7 7.0 10.4#

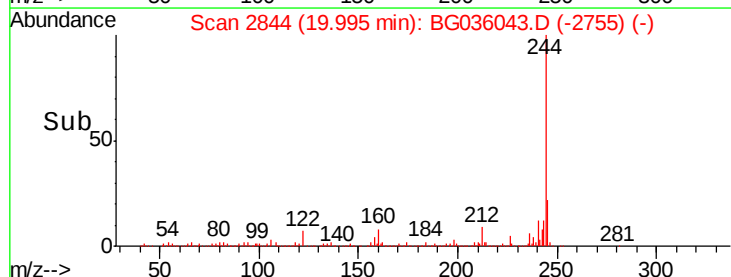
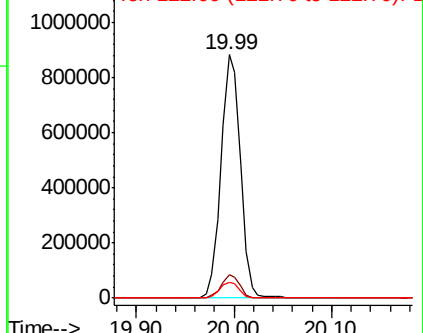


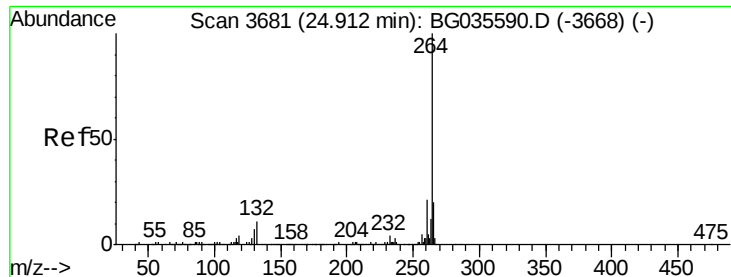
Abundance

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

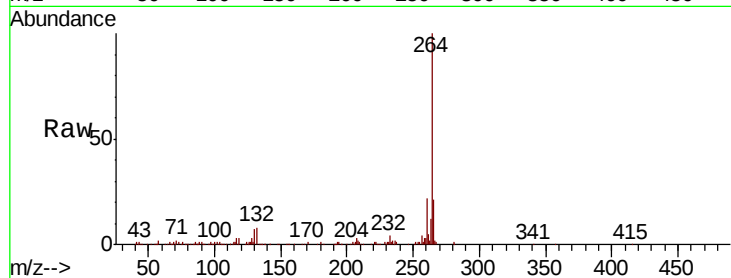




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG036043.D
Acq: 1 Aug 2018 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.1	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

