

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038682.D
 Acq On : 18 Dec 2018 4:15
 Operator : JU/SJ
 Sample : J6403-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-A

Quant Time: Dec 18 07:31:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

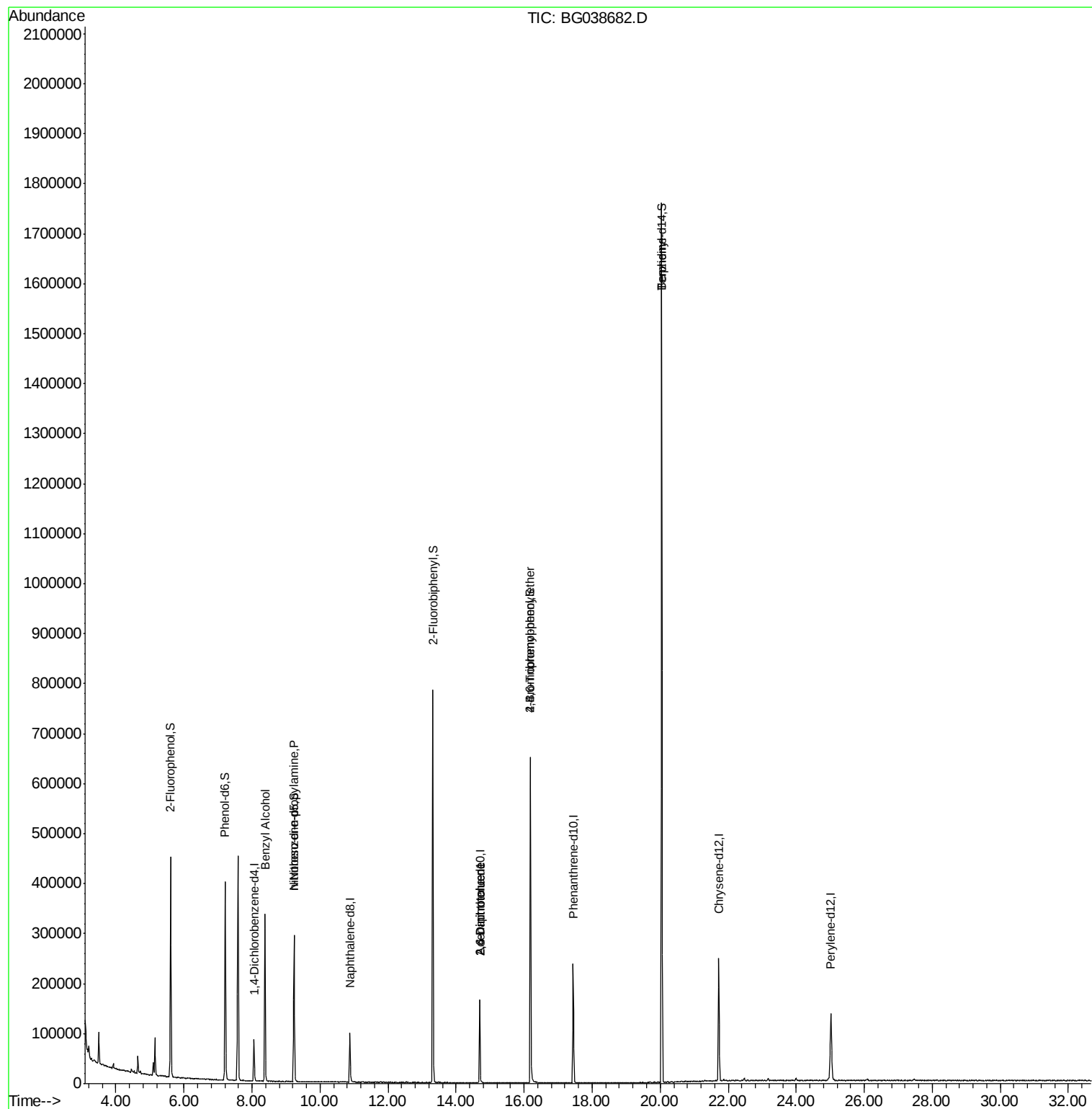
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22792	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	89275	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	59199	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	154797	20.00	ng	0.00
76) Chrysene-d12	21.73	240	165093	20.00	ng	0.00
87) Perylene-d12	25.02	264	171525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	178458	138.87	ng	0.00
7) Phenol-d6	7.21	99	213628	121.10	ng	0.00
23) Nitrobenzene-d5	9.23	82	175882	100.65	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	130424	159.86	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	421154	97.60	ng	0.00
79) Terphenyl-d14	20.04	244	840746	110.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	2866	2.081	ng	# 44
19) n-Nitroso-di-n-propylamine	9.23	70	24736	19.964	ng	# 66
51) 2,6-Dinitrotoluene	14.70	165	7704	7.032	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	7704	4.993	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	8744	4.625	ng	# 1
77) Benzidine	20.04	184	15222	3.118	ng	# 95

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

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QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038682.D

Acq: 18 Dec 2018 4:15

Instrument :

BNA_G

ClientSampled :

TP-2-A

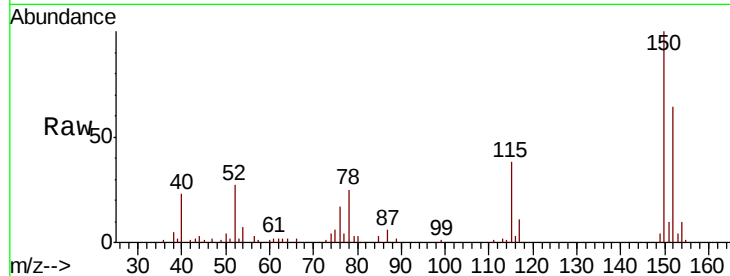
Tgt Ion:152 Resp: 22792

Ion Ratio Lower Upper

152 100

150 156.1 119.5 179.3

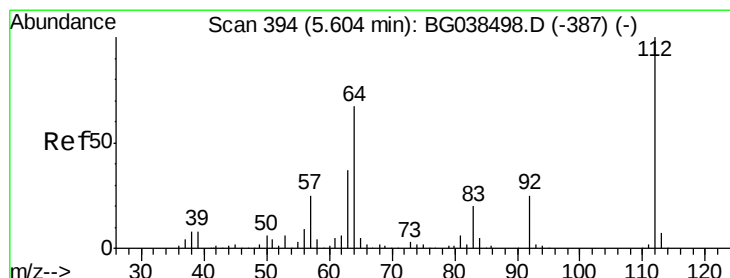
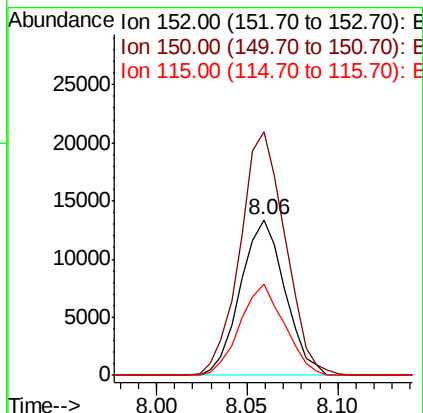
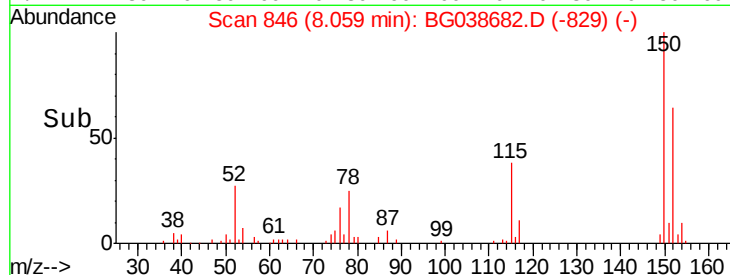
115 58.9 49.6 74.4



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: 138.874 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038682.D

Acq: 18 Dec 2018 4:15

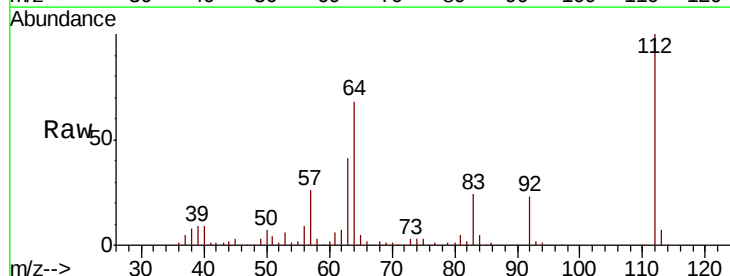
Tgt Ion:112 Resp: 178458

Ion Ratio Lower Upper

112 100

64 68.5 53.4 80.2

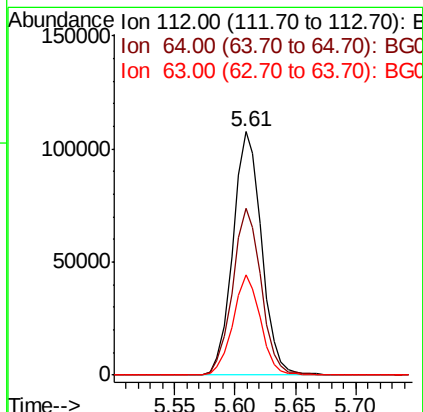
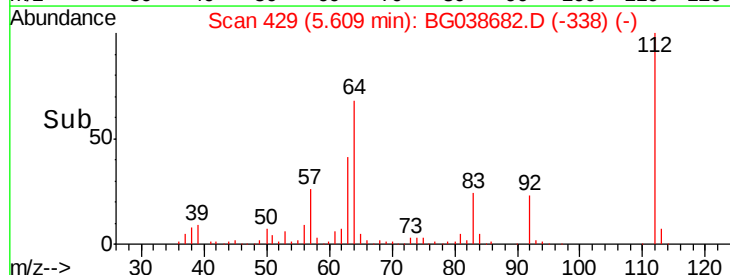
63 41.2 29.3 43.9



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: 121.097 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038682.D

Acq: 18 Dec 2018 4:15

Instrument :

BNA_G

ClientSampleId :

TP-2-A

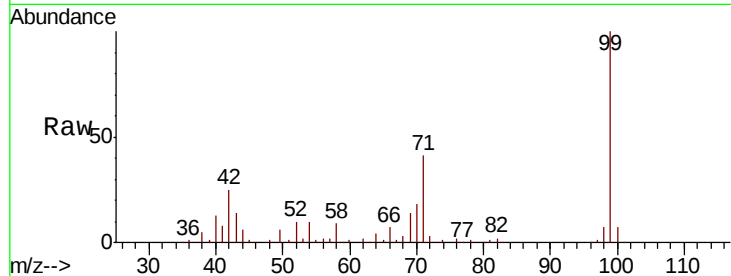
Tgt Ion: 99 Resp: 213628

Ion Ratio Lower Upper

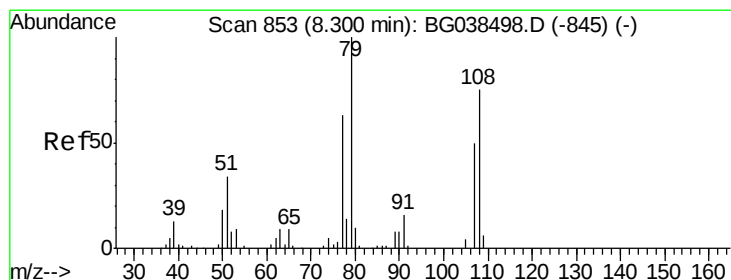
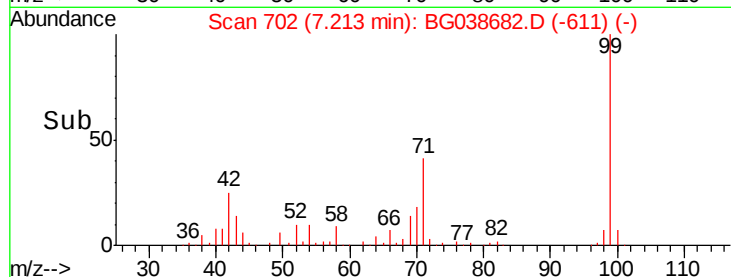
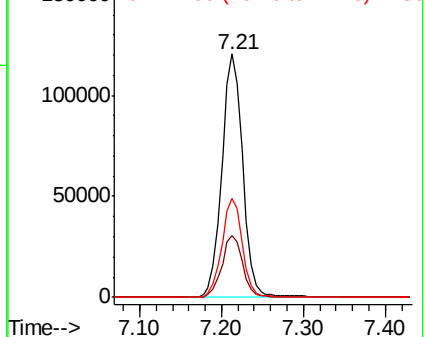
99 100

42 25.4 18.5 27.7

71 40.6 31.1 46.7



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



#15

Benzyl Alcohol

Concen: 2.081 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.08 min

Lab File: BG038682.D

Acq: 18 Dec 2018 4:15

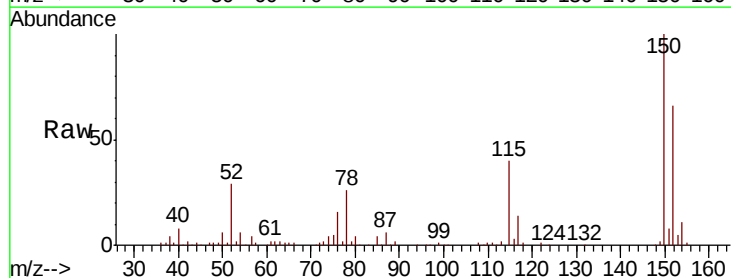
Tgt Ion: 79 Resp: 2866

Ion Ratio Lower Upper

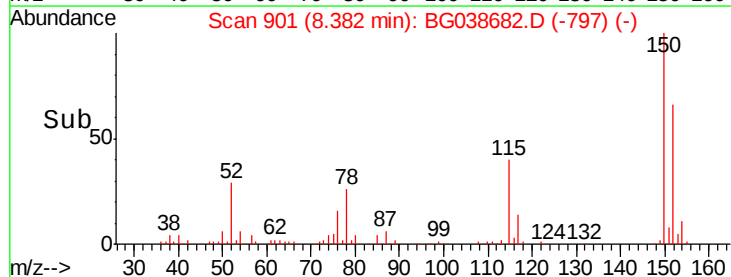
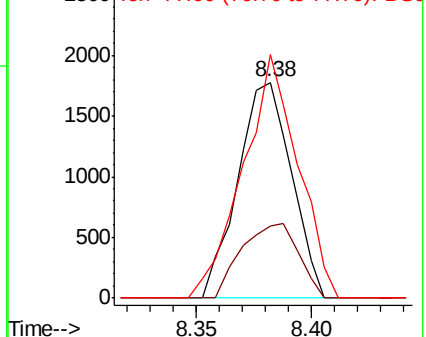
79 100

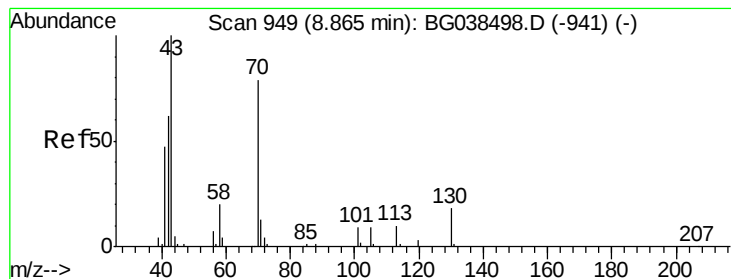
108 33.6 60.2 90.4#

77 113.0 50.7 76.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 19.964 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038682.D

Acq: 18 Dec 2018 4:15

Instrument :

BNA_G

ClientSampleId :

TP-2-A

Tgt Ion: 70 Resp: 24736

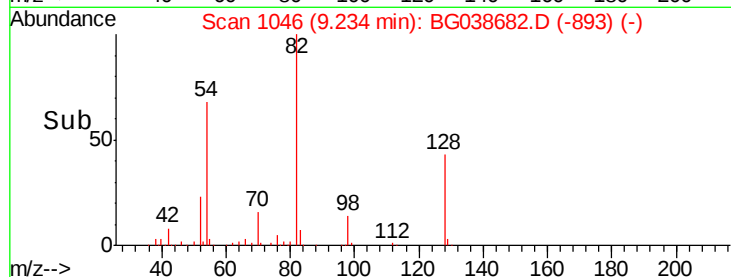
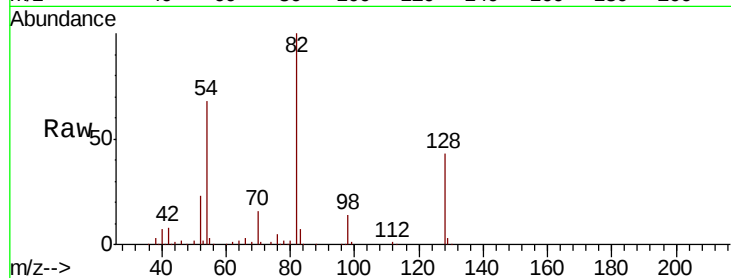
Ion Ratio Lower Upper

70 100

42 50.8 63.6 95.4#

101 0.0 9.2 13.8#

130 2.8 18.5 27.7#

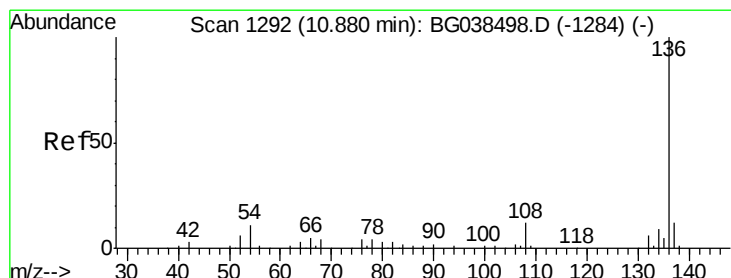
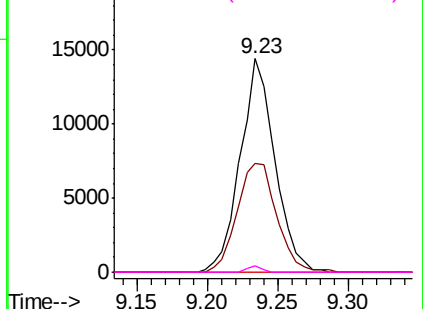


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038682.D

Acq: 18 Dec 2018 4:15

Tgt Ion: 136 Resp: 89275

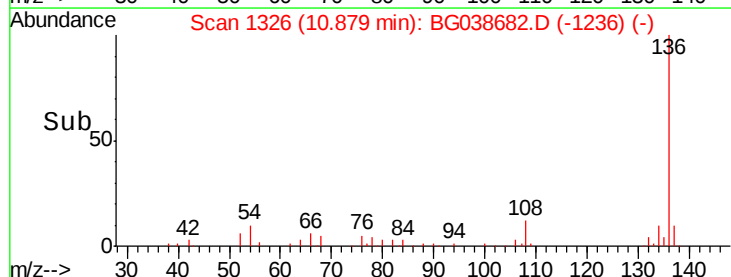
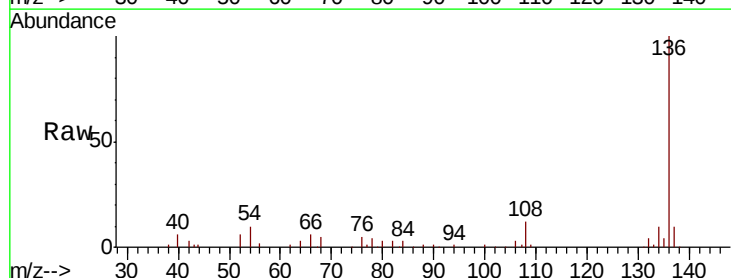
Ion Ratio Lower Upper

136 100

137 10.0 9.3 13.9

54 9.6 8.5 12.7

68 4.7 3.5 5.3

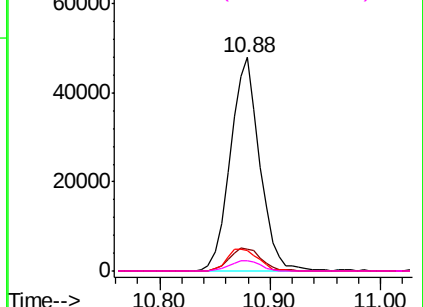


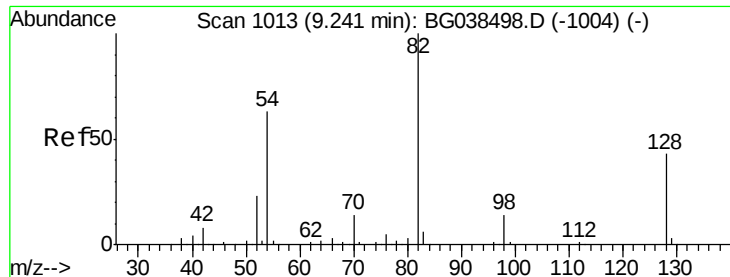
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

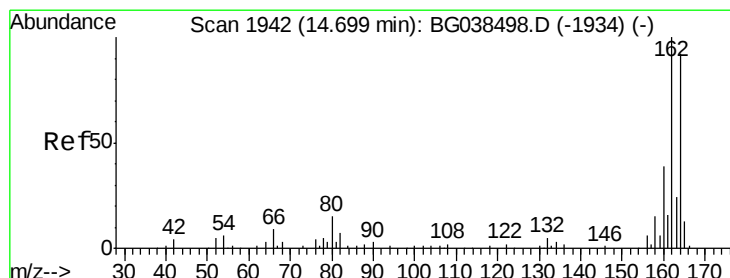
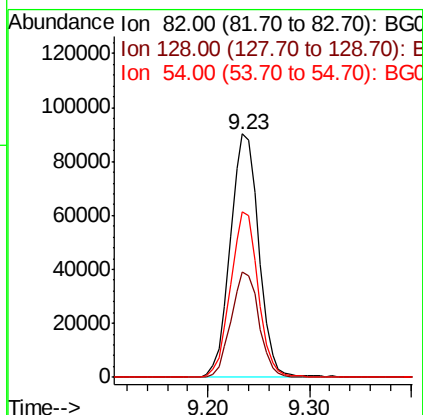
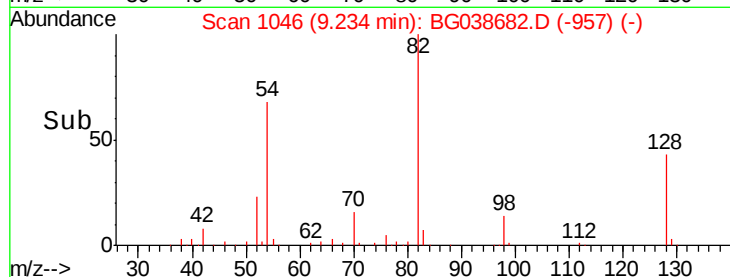
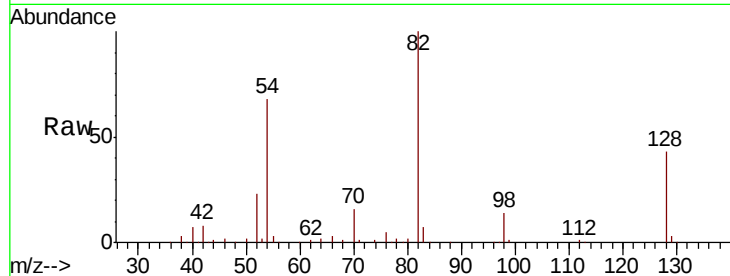




#23
Nitrobenzene-d5
Concen: 100.647 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038682.D
Acq: 18 Dec 2018 4:15

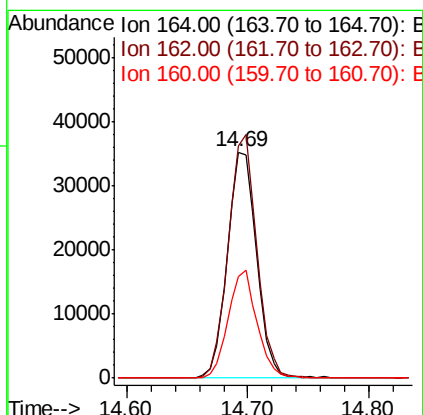
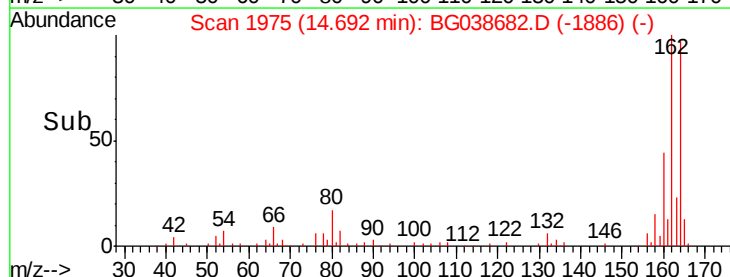
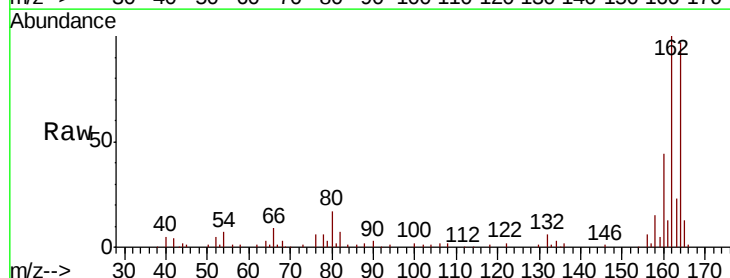
Instrument :
BNA_G
ClientSampleId :
TP-2-A

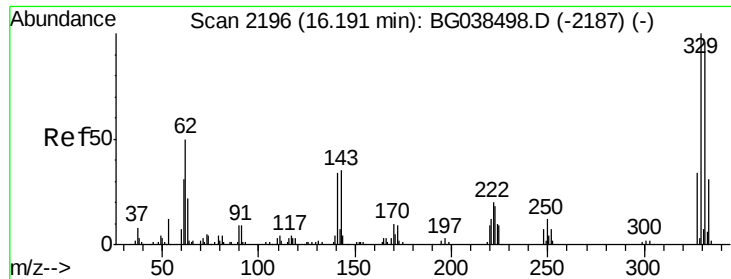
Tgt Ion: 82 Resp: 175882
Ion Ratio Lower Upper
82 100
128 43.1 34.6 52.0
54 68.2 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038682.D
Acq: 18 Dec 2018 4:15

Tgt Ion: 164 Resp: 59199
Ion Ratio Lower Upper
164 100
162 102.9 86.6 130.0
160 45.1 34.2 51.2

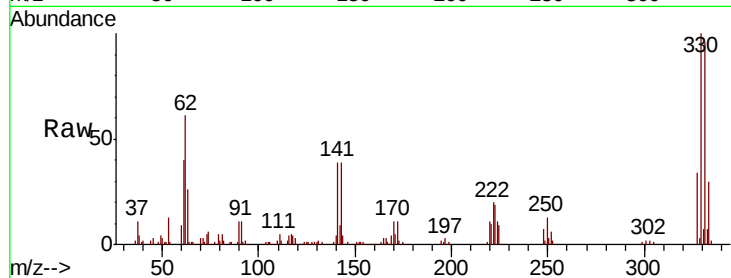




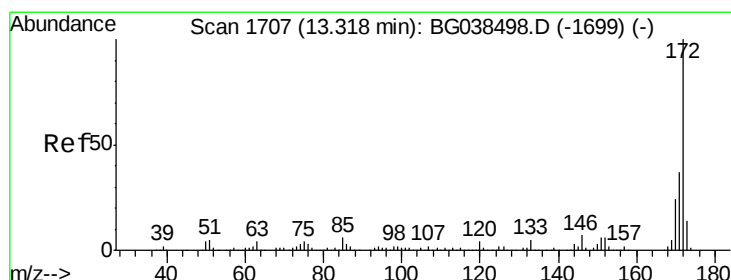
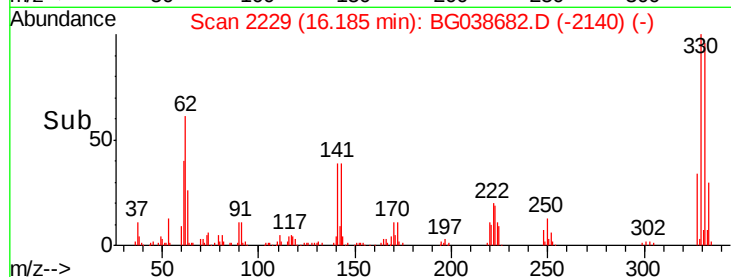
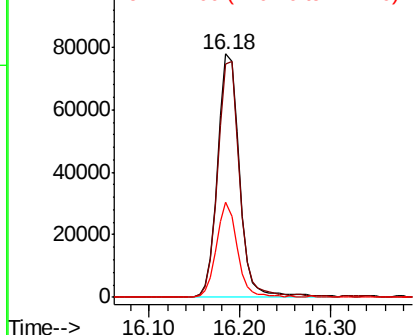
#42
 2,4,6-Tribromophenol
 Concen: 159.859 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038682.D
 Acq: 18 Dec 2018 4:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-A

Tgt Ion:330 Resp: 130424
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.9 115.3
 141 37.1 28.8 43.2

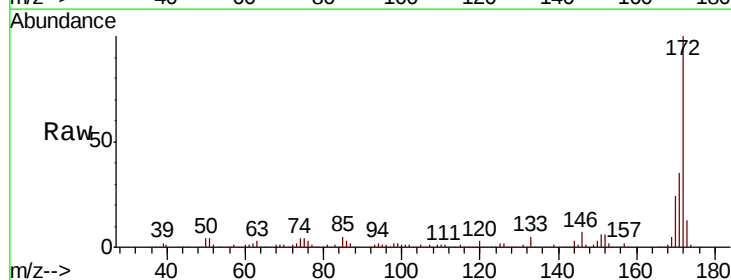


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

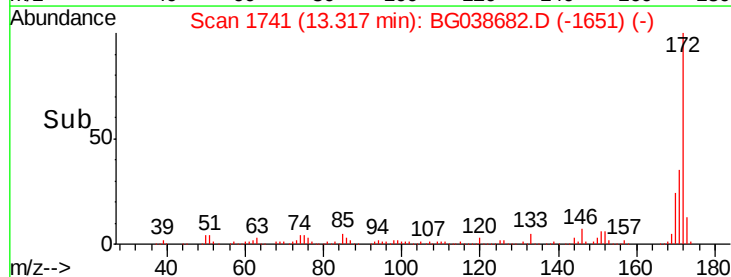
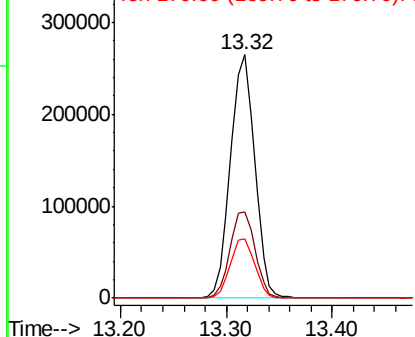


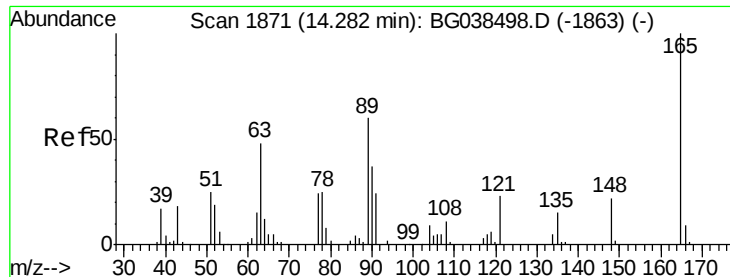
#45
 2-Fluorobiphenyl
 Concen: 97.596 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038682.D
 Acq: 18 Dec 2018 4:15

Tgt Ion:172 Resp: 421154
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.8 44.6
 170 24.1 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

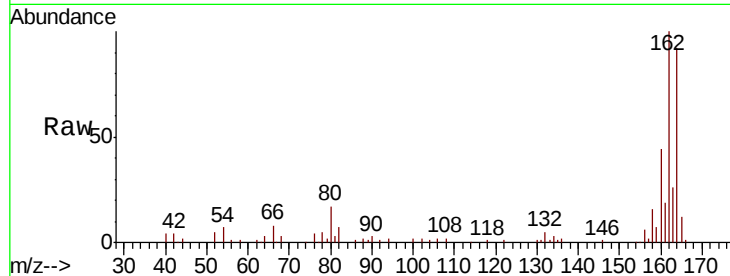




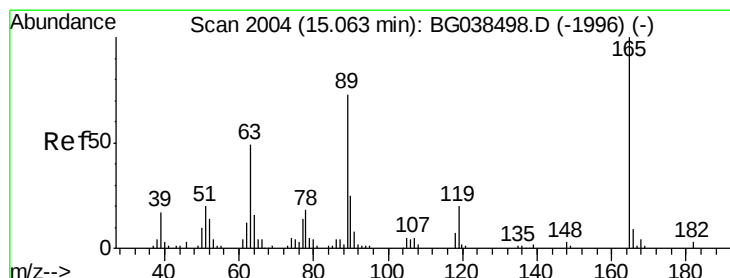
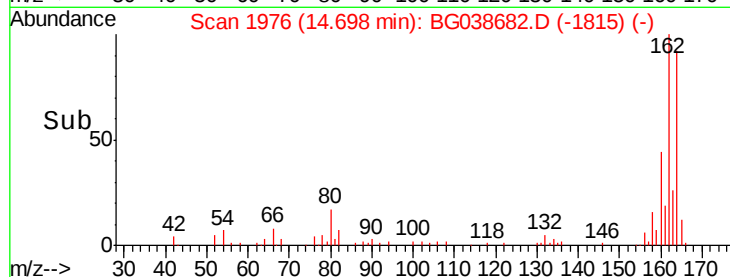
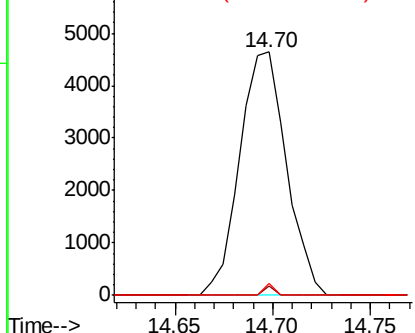
#51
 2,6-Dinitrotoluene
 Concen: 7.032 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.42 min
 Lab File: BG038682.D
 Acq: 18 Dec 2018 4:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-A

Tgt Ion:165 Resp: 7704
 Ion Ratio Lower Upper
 165 100
 63 3.6 51.8 77.6#
 89 4.7 47.9 71.9#

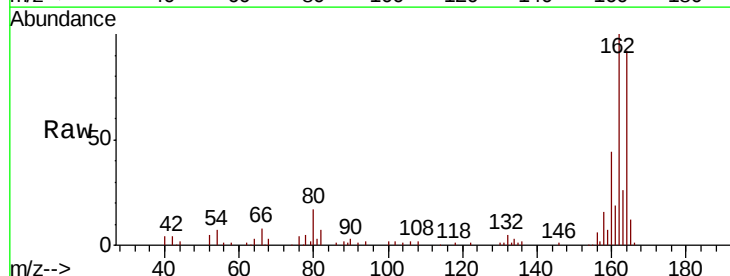


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

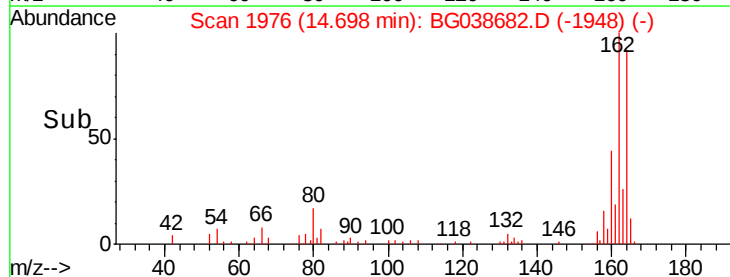
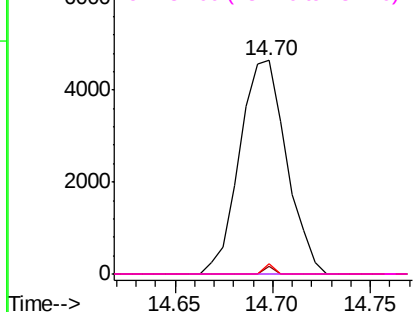


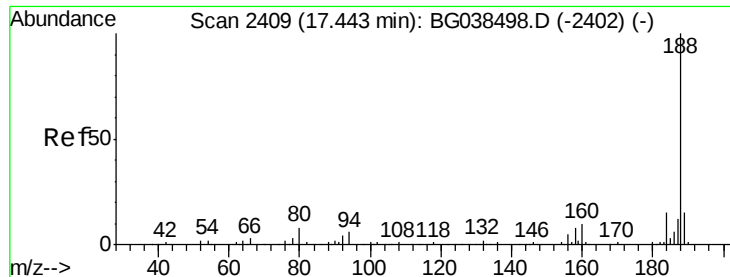
#57
 2,4-Dinitrotoluene
 Concen: 4.993 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG038682.D
 Acq: 18 Dec 2018 4:15

Tgt Ion:165 Resp: 7704
 Ion Ratio Lower Upper
 165 100
 63 3.6 39.0 58.4#
 89 4.7 58.0 87.0#
 182 0.0 2.3 3.5#



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

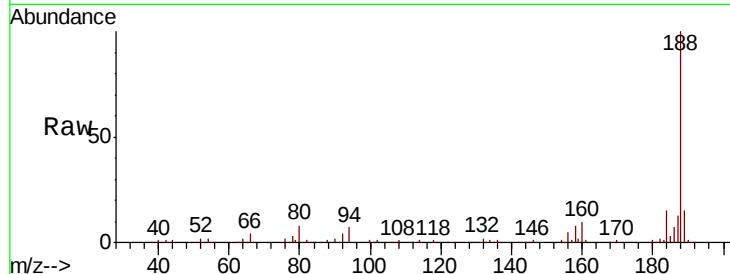




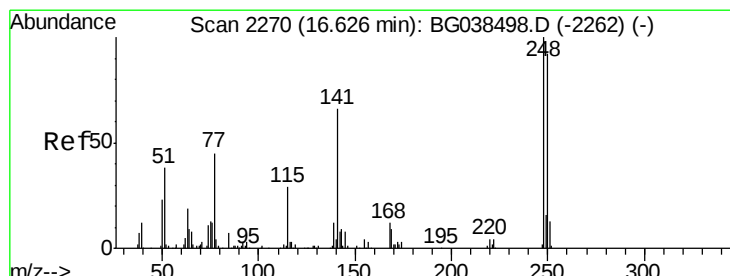
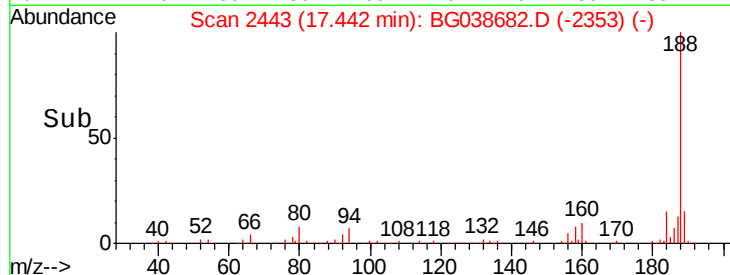
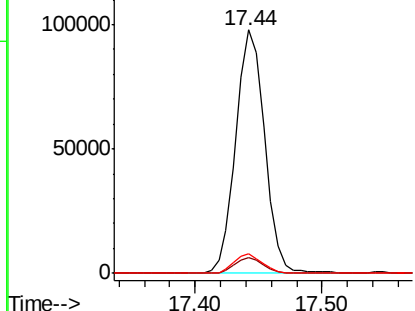
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038682.D
 Acq: 18 Dec 2018 4:15

Instrument :
 BNA_G
 ClientSampled :
 TP-2-A

Tgt Ion:188 Resp: 154797
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.1 7.7
 80 7.9 6.1 9.1

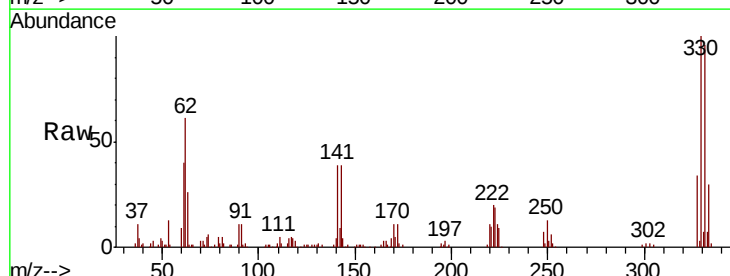


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

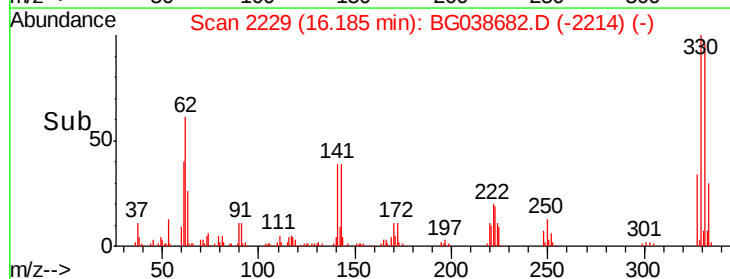
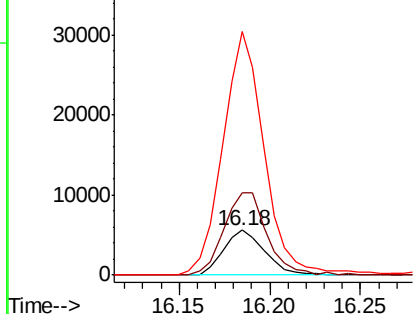


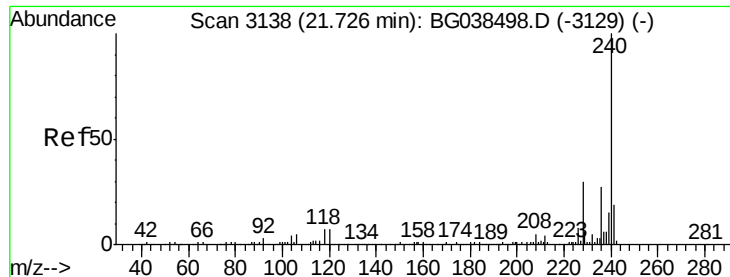
#67
 4-Bromophenyl-phenylether
 Concen: 4.625 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038682.D
 Acq: 18 Dec 2018 4:15

Tgt Ion:248 Resp: 8744
 Ion Ratio Lower Upper
 248 100
 250 178.8 73.4 110.2#
 141 420.6 52.9 79.3#



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

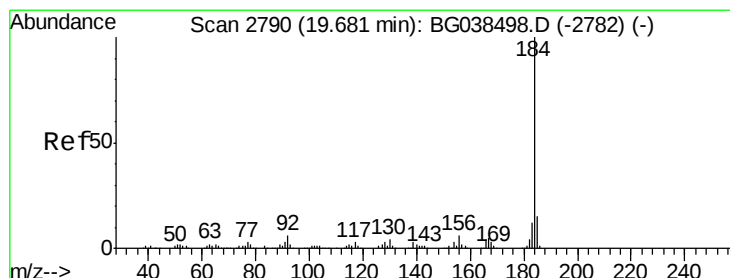
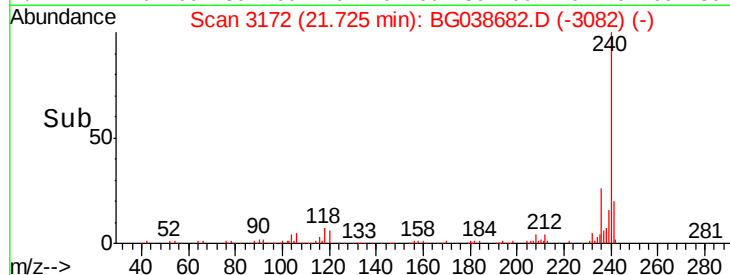
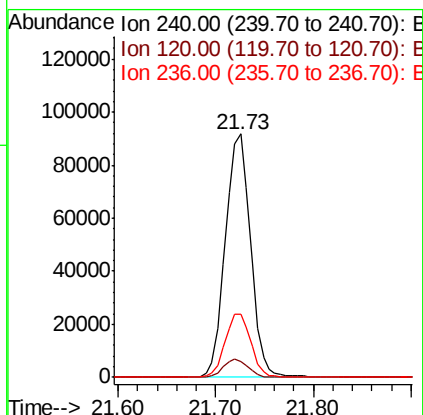
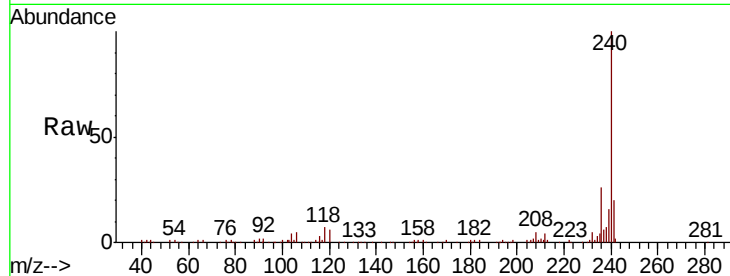




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038682.D
Acq: 18 Dec 2018 4:15

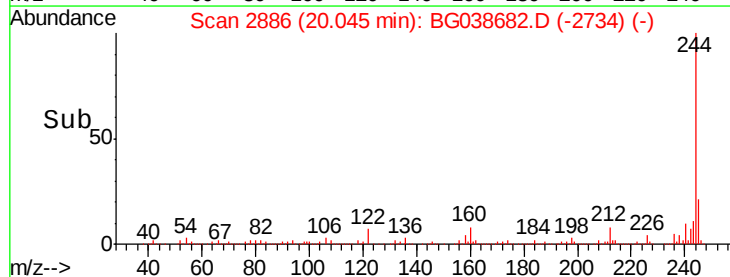
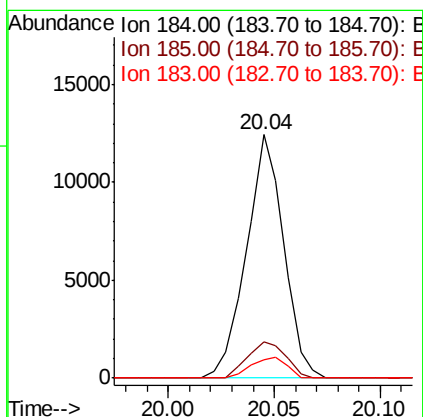
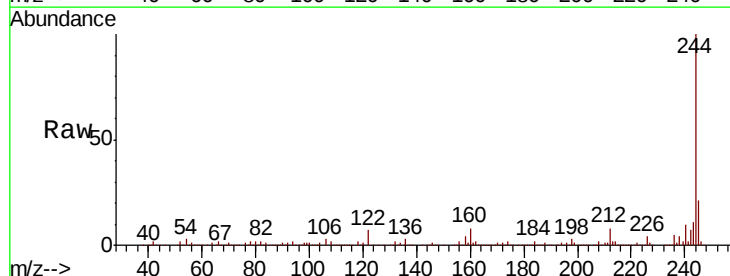
Instrument :
BNA_G
ClientSampleId :
TP-2-A

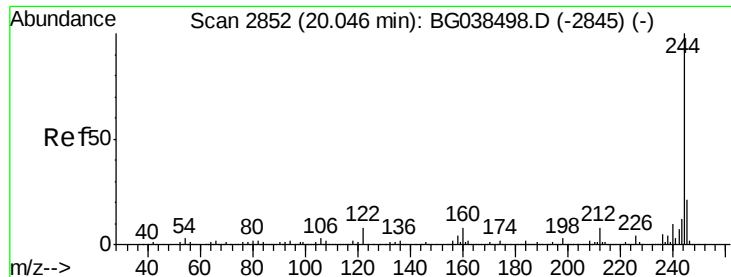
Tgt Ion:240 Resp: 165093
Ion Ratio Lower Upper
240 100
120 6.5 5.3 7.9
236 25.9 21.4 32.2



#77
Benzidine
Concen: 3.118 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038682.D
Acq: 18 Dec 2018 4:15

Tgt Ion:184 Resp: 15222
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 7.8 9.6 14.4#





#79

Terphenyl-d14

Concen: 110.831 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038682.D

Acq: 18 Dec 2018 4:15

Instrument :

BNA_G

ClientSampleId :

TP-2-A

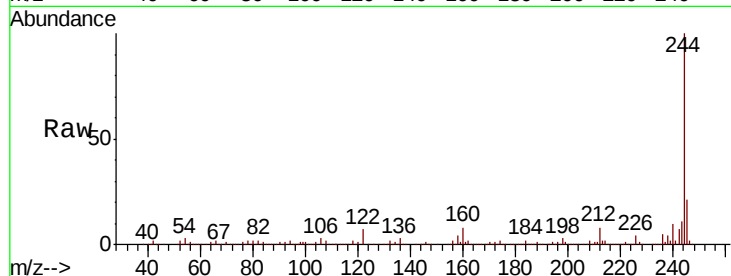
Tgt Ion:244 Resp: 840746

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

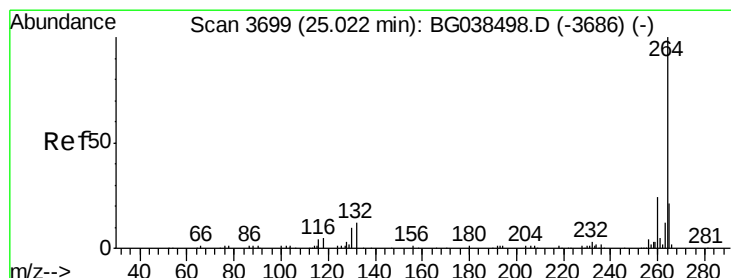
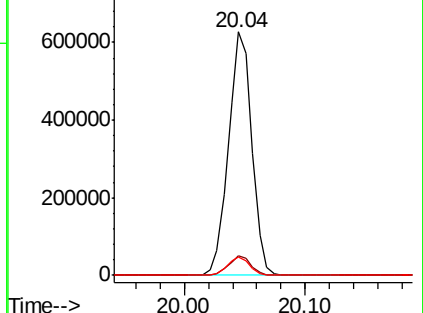
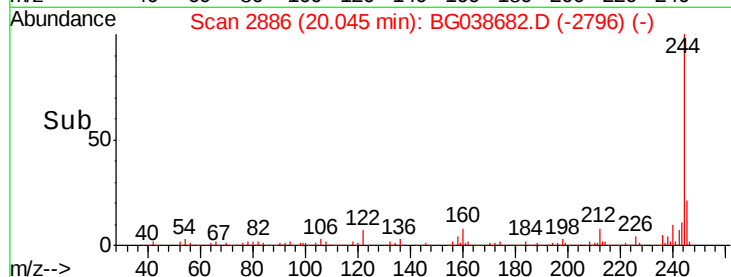
122 7.5 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038682.D

Acq: 18 Dec 2018 4:15

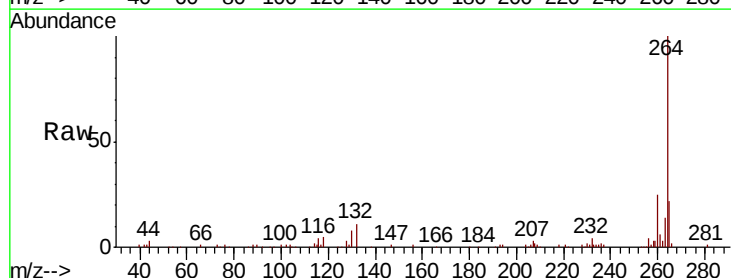
Tgt Ion:264 Resp: 171525

Ion Ratio Lower Upper

264 100

260 24.8 18.9 28.3

265 22.2 17.0 25.4



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

