

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038755.D
 Acq On : 20 Dec 2018 9:35
 Operator : JU/SJ
 Sample : J6445-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 20 11:07:11 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

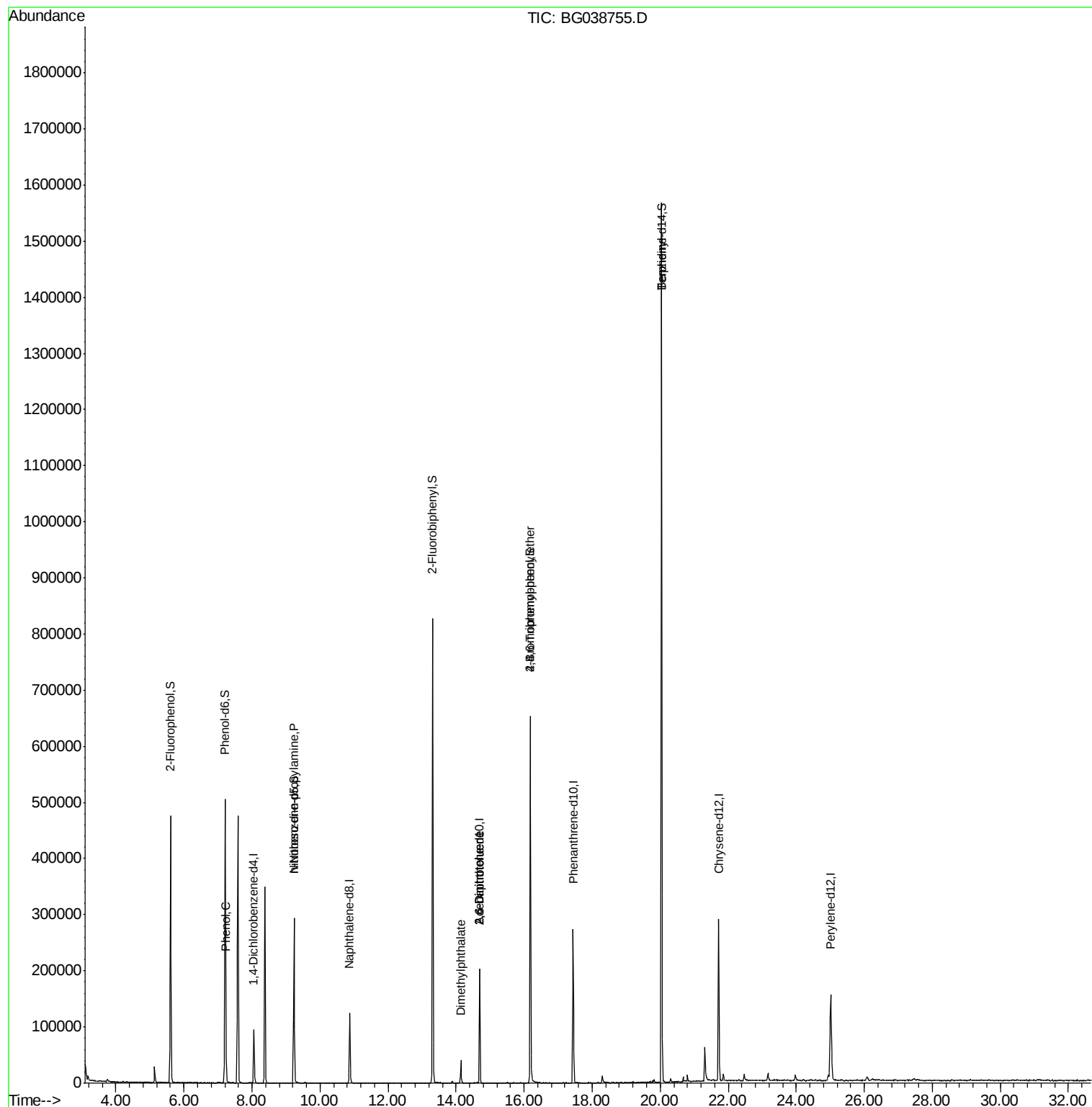
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	28424	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	113311	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	75234	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	187088	20.00	ng	0.00
76) Chrysene-d12	21.72	240	192153	20.00	ng	0.00
87) Perylene-d12	25.02	264	203619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	206761	129.02	ng	0.00
7) Phenol-d6	7.21	99	285014	129.55	ng	0.00
23) Nitrobenzene-d5	9.23	82	173476	78.21	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	137663	132.77	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	451028	82.24	ng	0.00
79) Terphenyl-d14	20.04	244	813498	92.14	ng	0.00
Target Compounds						
10) Phenol	7.24	94	16359	6.999	ng	91
19) n-Nitroso-di-n-propylamine	9.23	70	23696	15.336	ng	# 71
50) Dimethylphthalate	14.14	163	31376	5.107	ng	99
51) 2,6-Dinitrotoluene	14.69	165	9867	7.087	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	9867	5.032	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	8771	3.839	ng	# 1
77) Benzidine	20.04	184	14139	2.488	ng	# 93

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038755.D
Acq On : 20 Dec 2018 9:35
Operator : JU/SJ
Sample : J6445-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 20 11:07:11 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



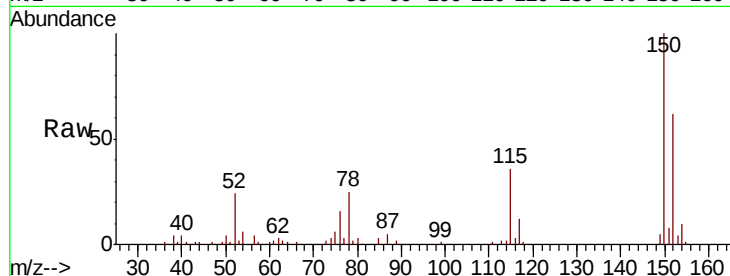


#1

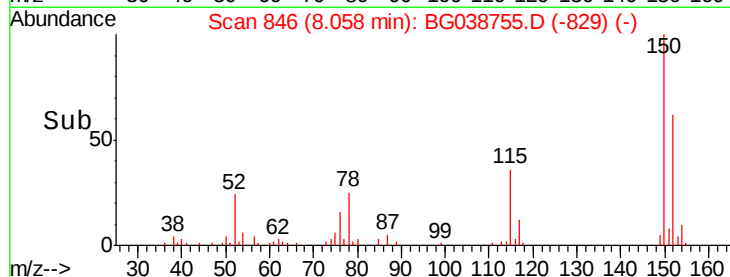
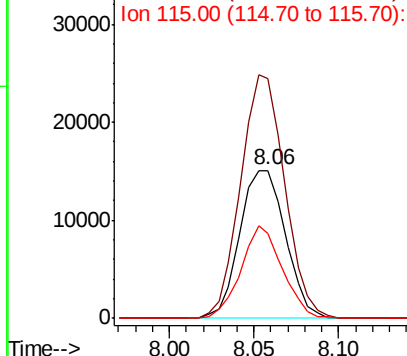
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28424
Ion Ratio Lower Upper
152 100
150 161.8 119.5 179.3
115 57.7 49.6 74.4



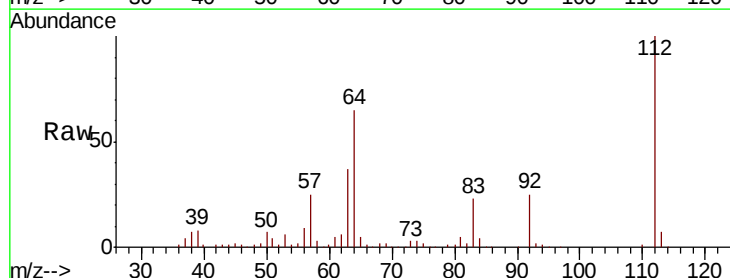
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



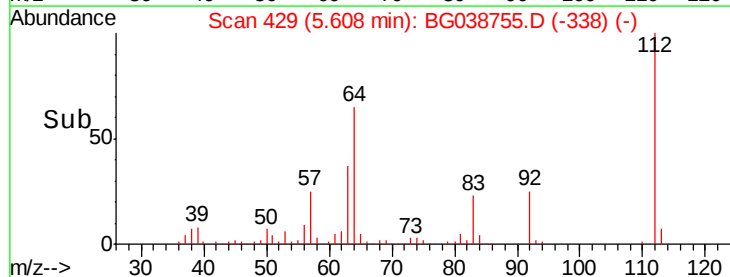
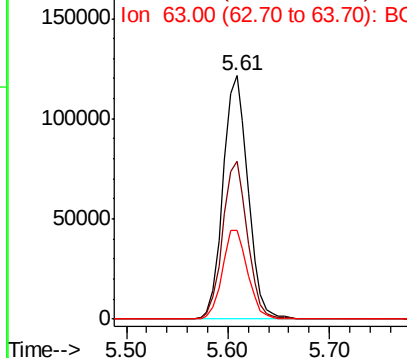
#5

2-Fluorophenol
Concen: 129.018 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Tgt Ion:112 Resp: 206761
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 36.6 29.3 43.9



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





#7

Phenol-d6

Concen: 129.551 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038755.D

Acq: 20 Dec 2018 9:35

Instrument :

BNA_G

ClientSampled :

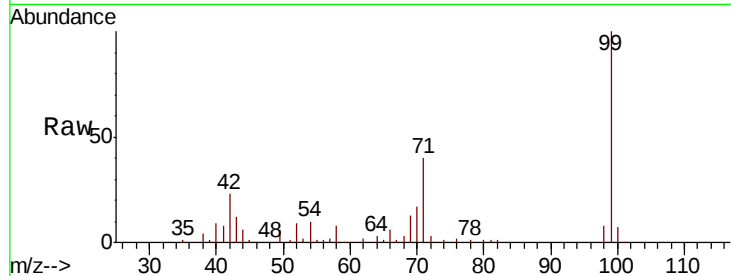
Tot Ion: 99 Resp: 285014

Ion Ratio Lower Upper

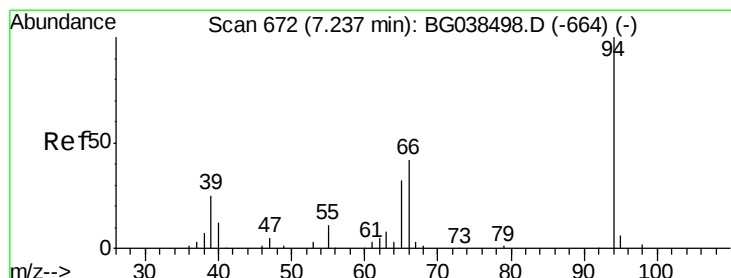
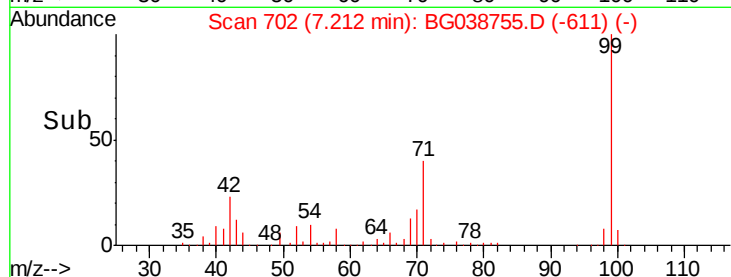
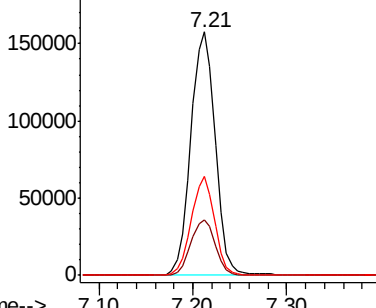
99 100

42 22.8 18.5 27.7

71 40.4 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



#10

Phenol

Concen: 6.999 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038755.D

Acq: 20 Dec 2018 9:35

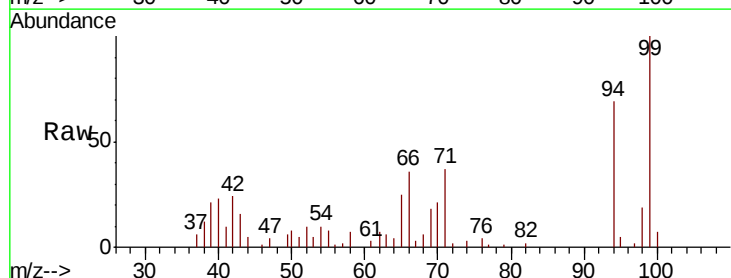
Tgt Ion: 94 Resp: 16359

Ion Ratio Lower Upper

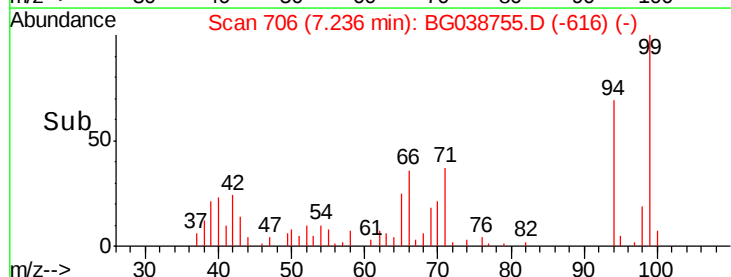
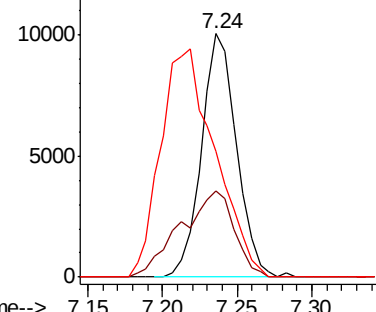
94 100

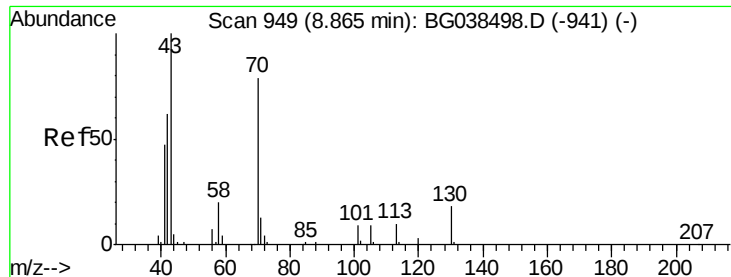
65 35.5 12.6 52.6

66 51.9 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

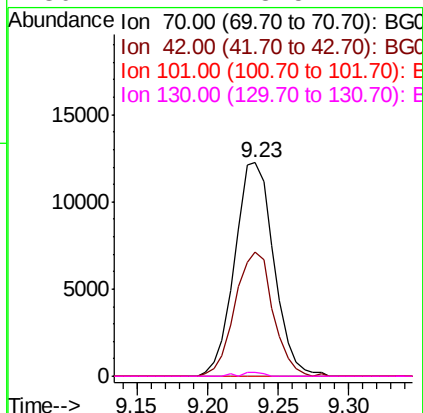
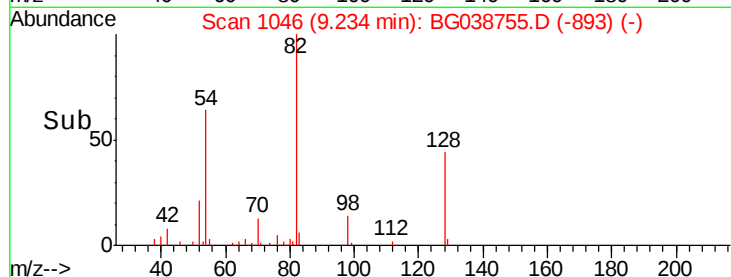
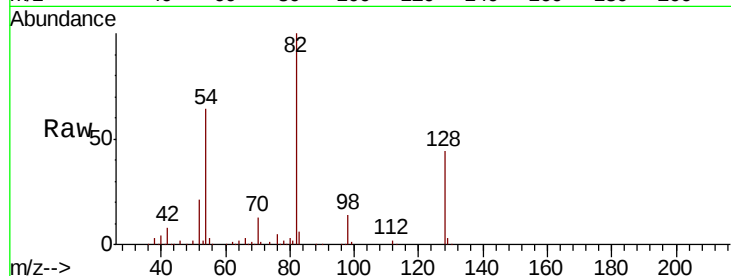




#19
n-Nitroso-di-n-propylamine
Concen: 15.336 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

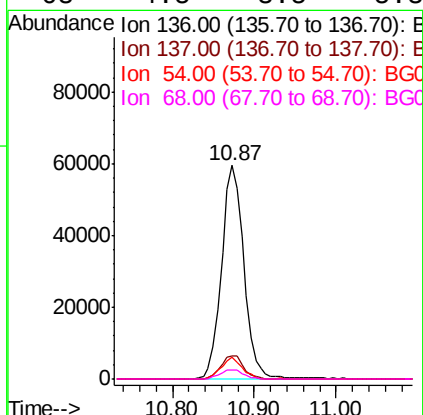
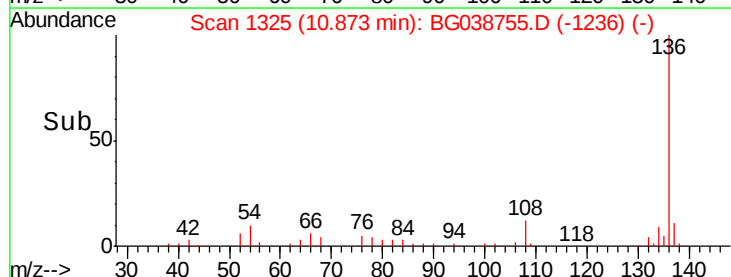
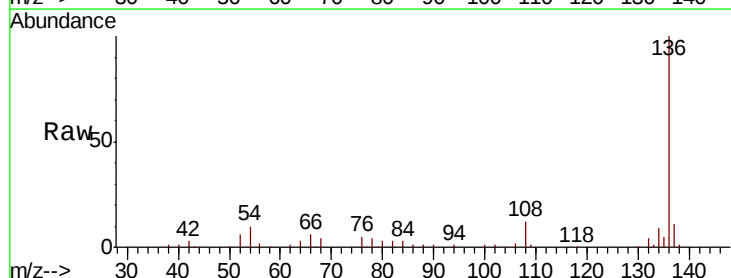
Instrument :
BNA_G
ClientSampleId :

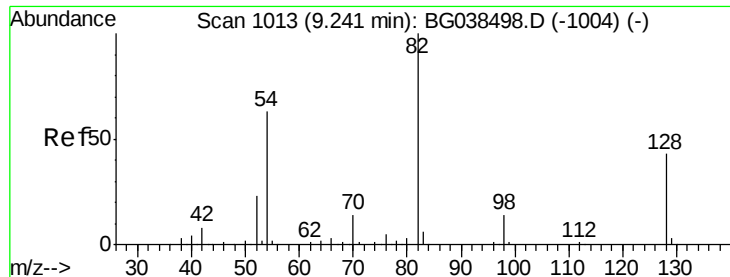
Tot Ion: 70 Resp: 23696
Ion Ratio Lower Upper
70 100
42 57.9 63.6 95.4#
101 0.0 9.2 13.8#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Tgt Ion: 136 Resp: 113311
Ion Ratio Lower Upper
136 100
137 10.6 9.3 13.9
54 10.3 8.5 12.7
68 4.5 3.5 5.3





#23

Nitrobenzene-d5

Concen: 78.213 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038755.D

Acq: 20 Dec 2018 9:35

Instrument :

BNA_G

ClientSampleId :

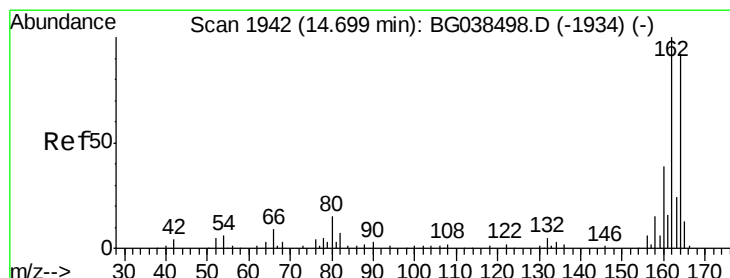
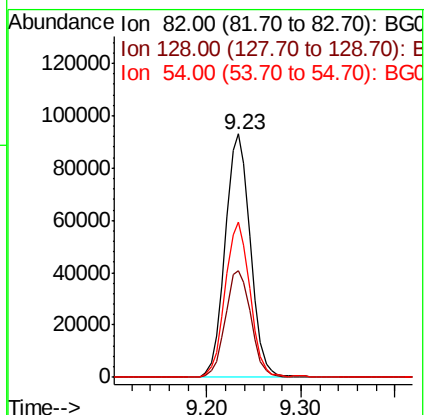
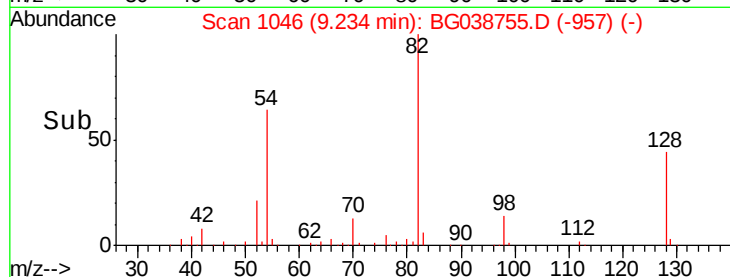
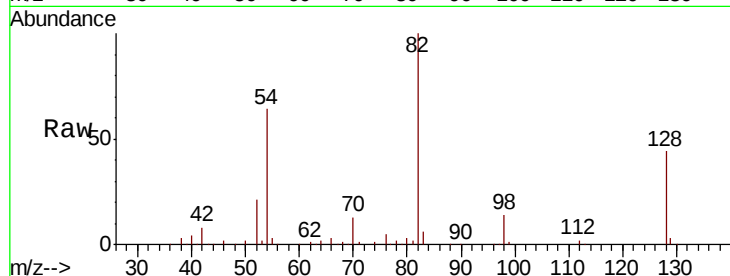
Tot Ion: 82 Resp: 173476

Ion Ratio Lower Upper

82 100

128 43.7 34.6 52.0

54 63.9 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: BG038755.D

Acq: 20 Dec 2018 9:35

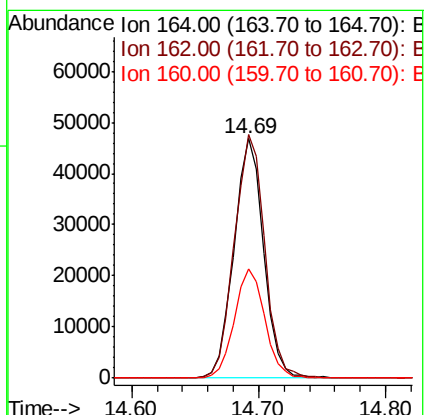
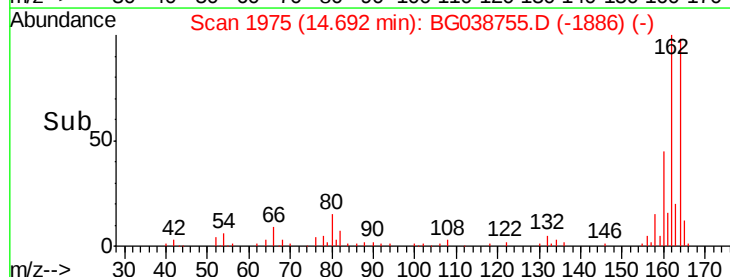
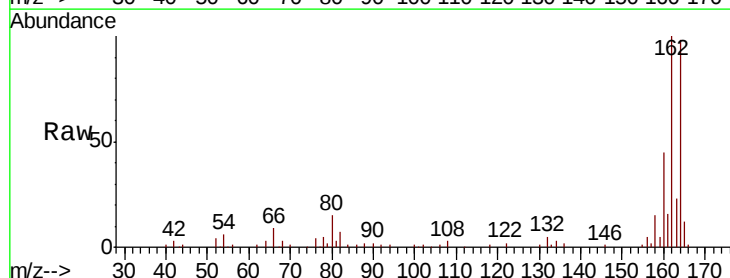
Tgt Ion: 164 Resp: 75234

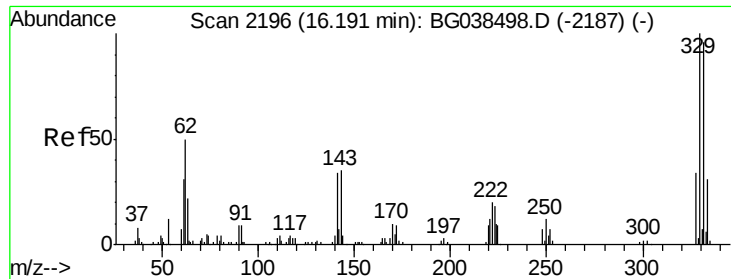
Ion Ratio Lower Upper

164 100

162 101.6 86.6 130.0

160 45.8 34.2 51.2

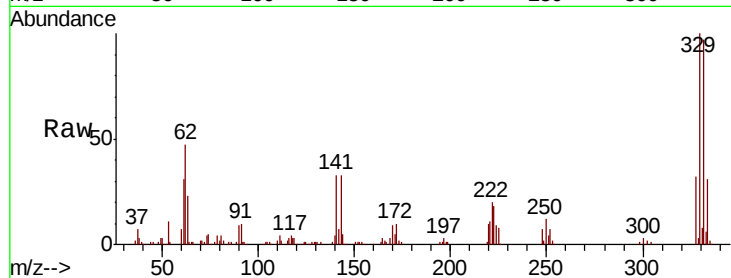




#42
 2,4,6-Tribromophenol
 Concen: 132.769 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038755.D
 Acq: 20 Dec 2018 9:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.9	115.3
141	33.5	28.8	43.2

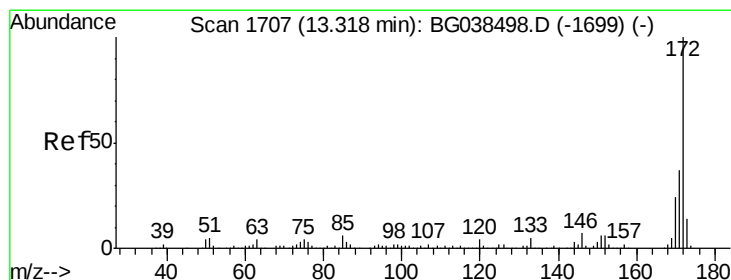
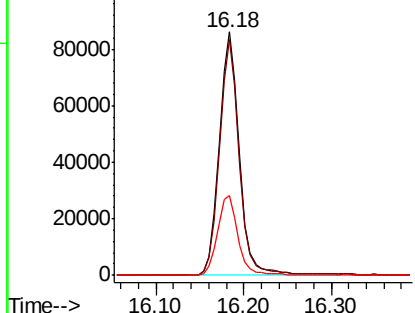
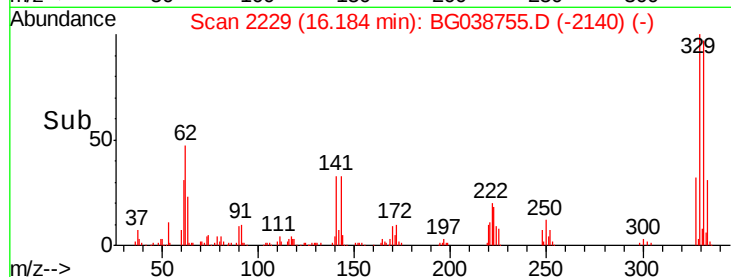


Abundance

Ion 329.80 (329.50 to 330.50): E

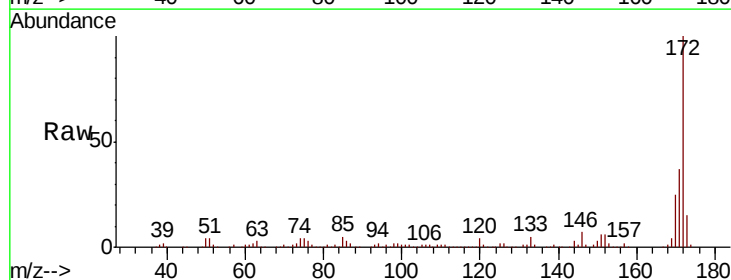
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.242 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038755.D
 Acq: 20 Dec 2018 9:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	24.6	19.5	29.3

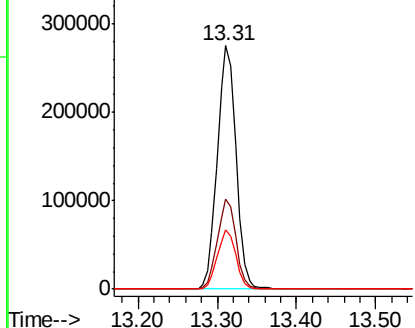
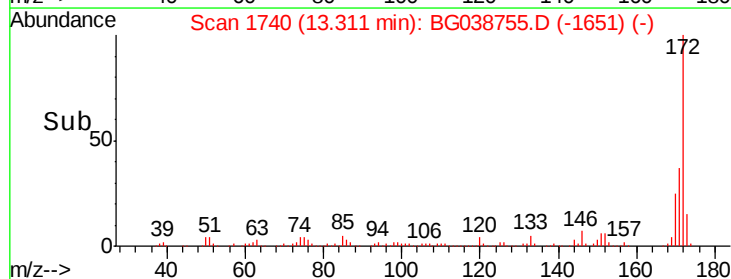


Abundance

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

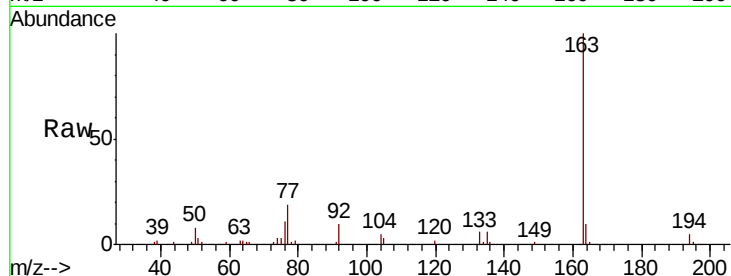




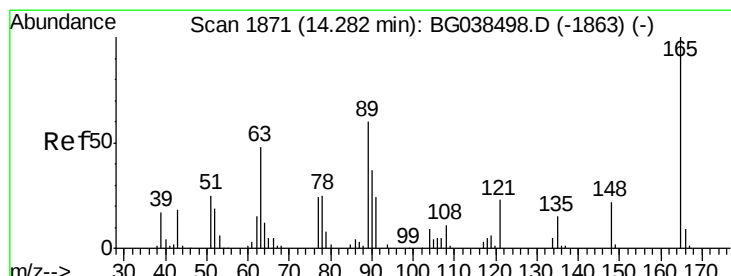
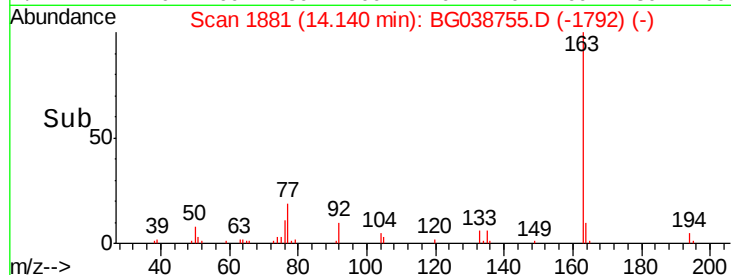
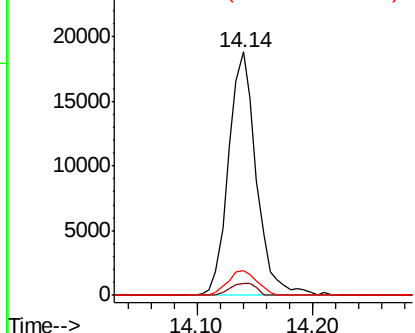
#50
Dimethylphthalate
Concen: 5.107 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 31376
Ion Ratio Lower Upper
163 100
194 4.7 3.7 5.5
164 9.9 8.6 12.8

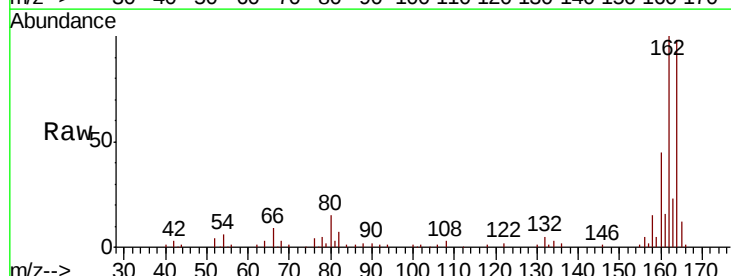


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

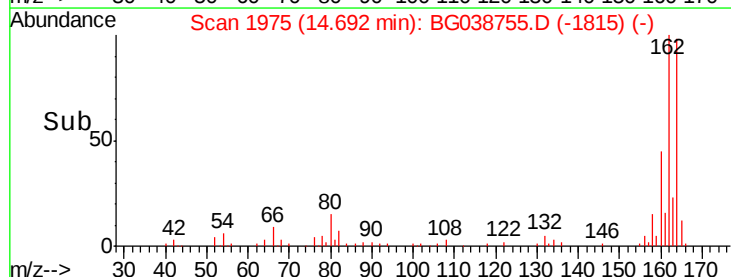
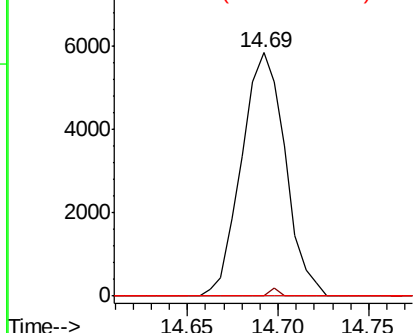


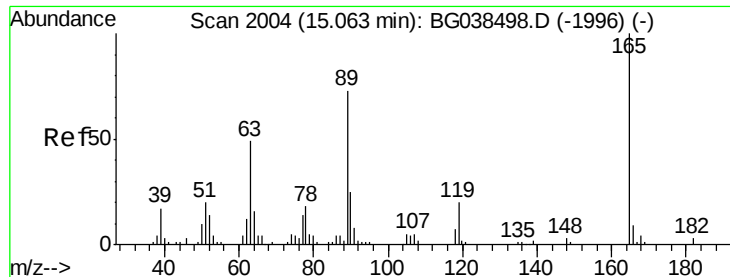
#51
2,6-Dinitrotoluene
Concen: 7.087 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Tgt Ion:165 Resp: 9867
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 0.0 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

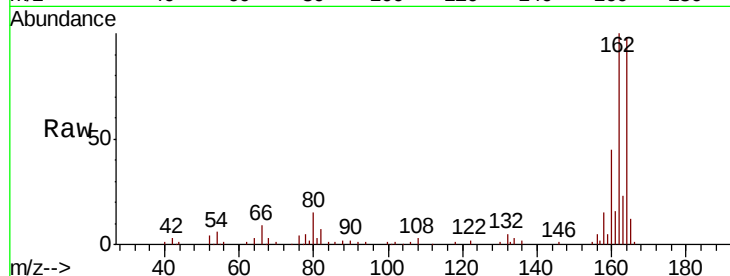




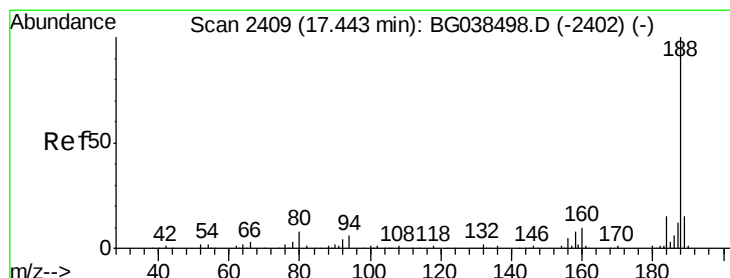
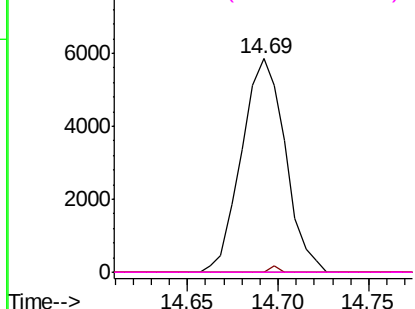
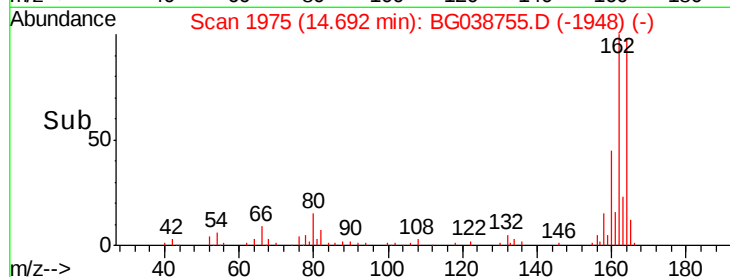
#57
 2,4-Dinitrotoluene
 Concen: 5.032 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038755.D
 Acq: 20 Dec 2018 9:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

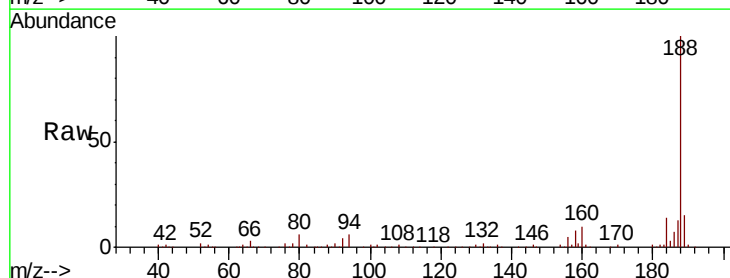


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

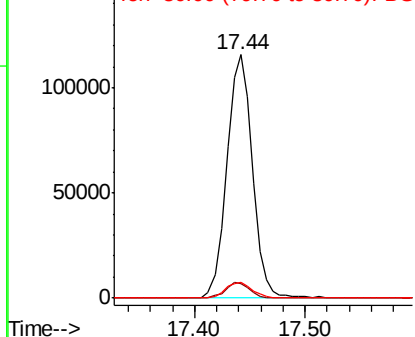
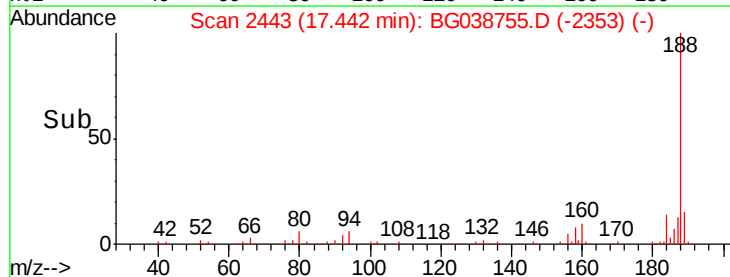


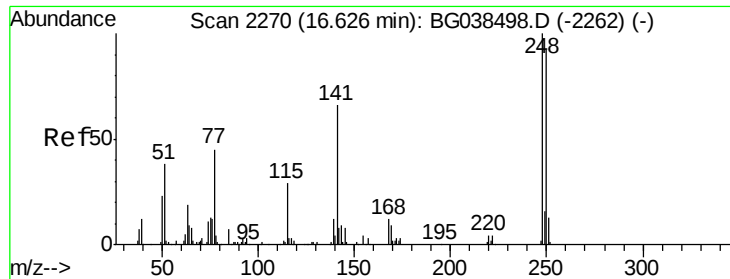
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038755.D
 Acq: 20 Dec 2018 9:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.1	7.7
80	6.4	6.1	9.1



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

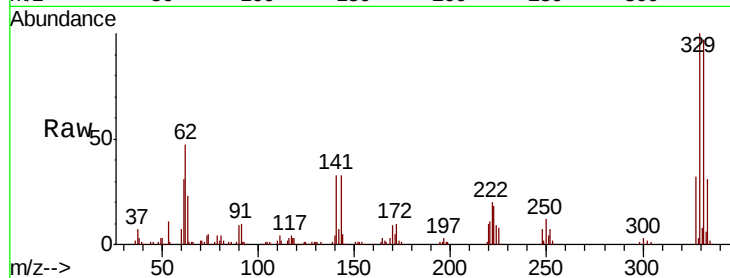




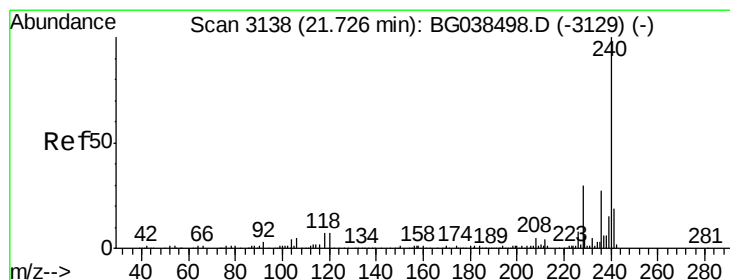
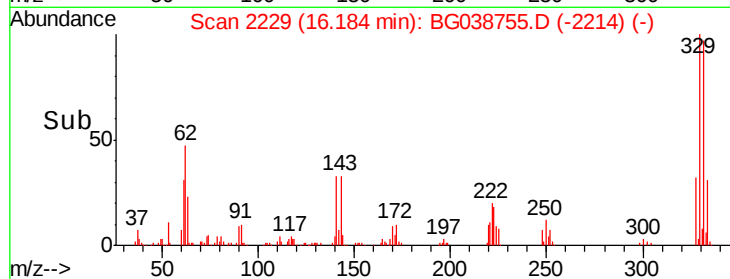
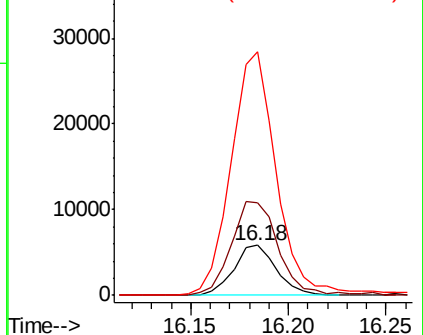
#67
 4-Bromophenyl-phenylether
 Concen: 3.839 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038755.D
 Acq: 20 Dec 2018 9:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 8771
 Ion Ratio Lower Upper
 248 100
 250 188.4 73.4 110.2#
 141 371.6 52.9 79.3#

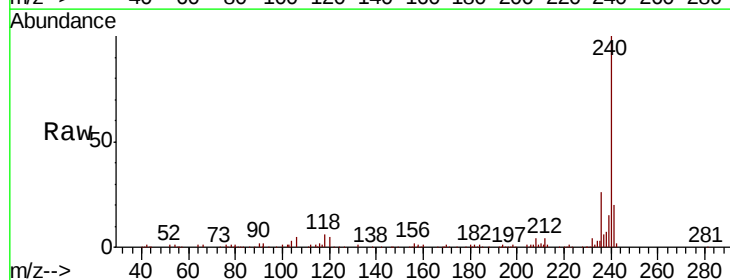


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

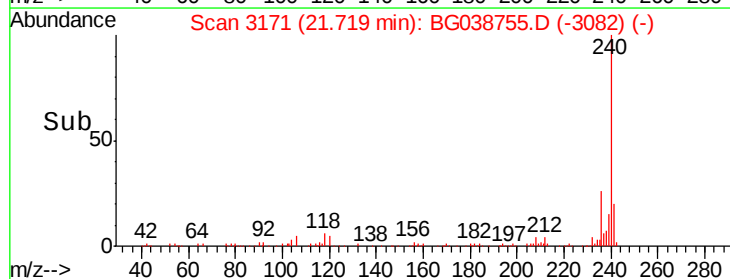
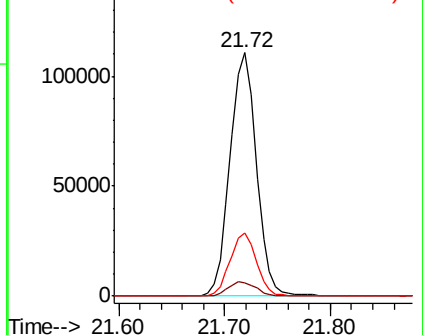


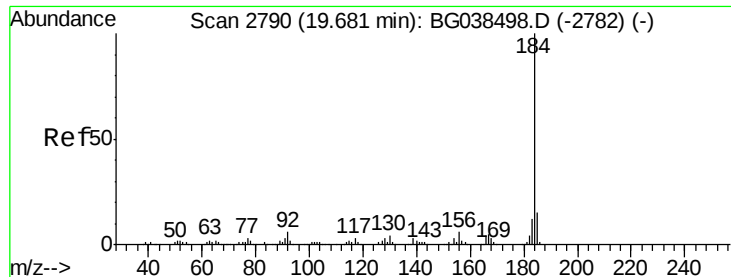
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038755.D
 Acq: 20 Dec 2018 9:35

Tgt Ion:240 Resp: 192153
 Ion Ratio Lower Upper
 240 100
 120 5.2 5.3 7.9#
 236 26.1 21.4 32.2



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





#77

Benzidine

Concen: 2.488 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038755.D

Acq: 20 Dec 2018 9:35

Instrument :

BNA_G

ClientSampleId :

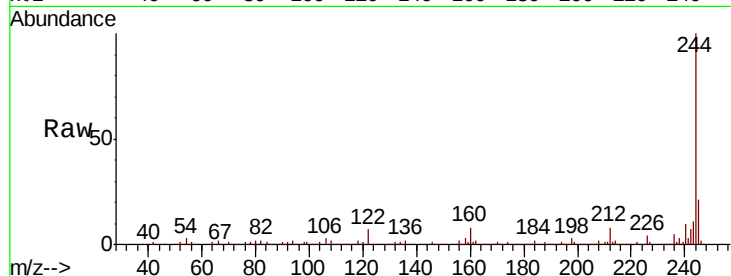
Tot Ion:184 Resp: 14139

Ion Ratio Lower Upper

184 100

185 16.4 12.2 18.2

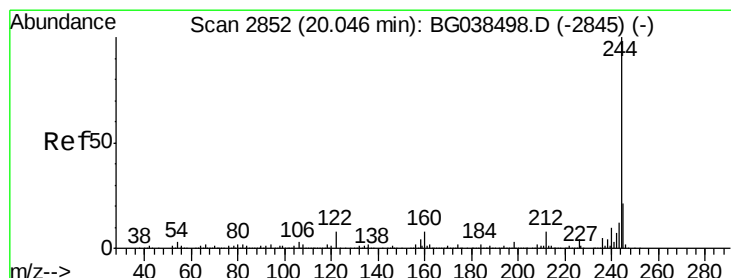
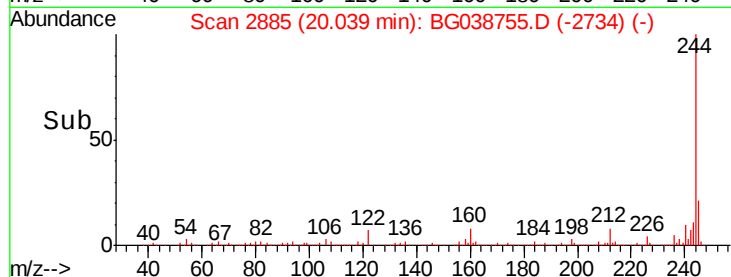
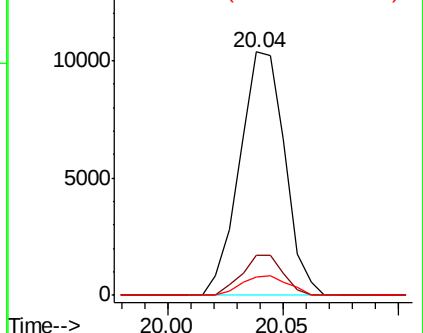
183 7.7 9.6 14.4#



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



#79

Terphenyl-d14

Concen: 92.137 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038755.D

Acq: 20 Dec 2018 9:35

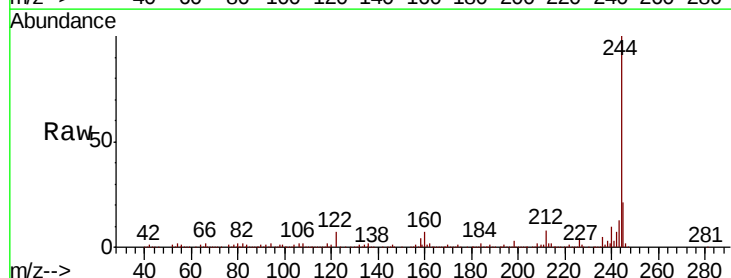
Tgt Ion:244 Resp: 813498

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

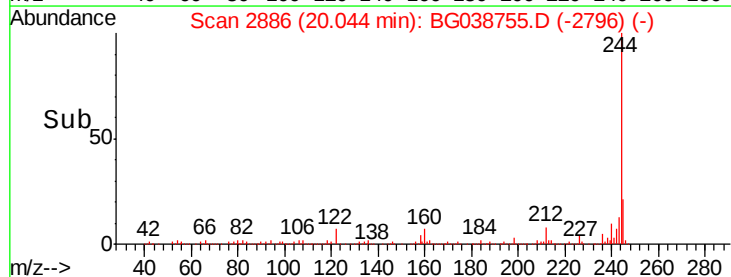
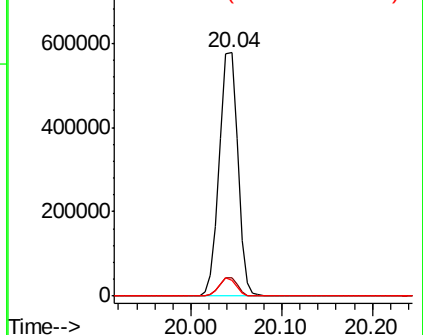
122 6.6 6.3 9.5

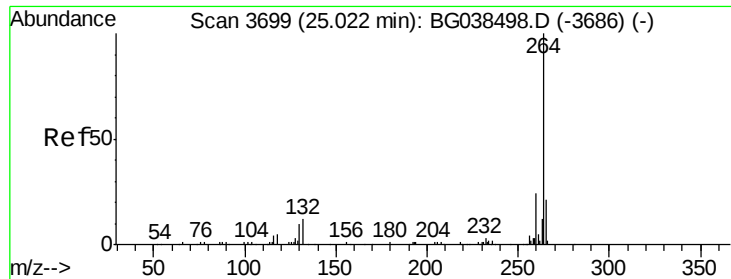


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038755.D
Acq: 20 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.9	28.3
265	21.5	17.0	25.4

