

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\  
 Data File : BG040420.D  
 Acq On : 10 Apr 2019 18:20  
 Operator : JU/SJ  
 Sample : K2338-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Apr 11 01:41:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 28 05:47:00 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 58548    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.86 | 136  | 224884   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.67 | 164  | 141584   | 20.00 | ng    | -0.03    |
| 64) Phenanthrene-d10      | 17.42 | 188  | 342901   | 20.00 | ng    | -0.03    |
| 76) Chrysene-d12          | 21.70 | 240  | 359259   | 20.00 | ng    | -0.03    |
| 87) Perylene-d12          | 24.97 | 264  | 371474   | 20.00 | ng    | -0.06    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.60  | 112  | 258555   | 73.41  | ng    | -0.02    |
| 7) Phenol-d6                | 7.20  | 99   | 243974   | 50.13  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 387259   | 91.53  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.17 | 330  | 227261   | 148.52 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.30 | 172  | 883922   | 92.51  | ng    | -0.02    |
| 79) Terphenyl-d14           | 20.02 | 244  | 1352668  | 84.70  | ng    | -0.03    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88   | 153      | 0.092  | ng    | # 1    |
| 3) Pyridine                    | 4.10  | 79   | 54       | 0.012  | ng    | # 1    |
| 4) n-Nitrosodimethylamine      | 3.83  | 42   | 364      | 0.176  | ng    | # 1    |
| 6) Aniline                     | 7.22  | 93   | 181      | 0.029  | ng    | # 1    |
| 8) 2-Chlorophenol              | 7.58  | 128  | 174      | 0.042  | ng    | # 1    |
| 9) Benzaldehyde                | 7.20  | 77   | 327      | 0.098  | ng    | # 2    |
| 10) Phenol                     | 7.23  | 94   | 12153    | 2.300  | ng    | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.58  | 93   | 503      | 0.119  | ng    | # 1    |
| 12) 1,3-Dichlorobenzene        | 8.36  | 146  | 59       | 0.013  | ng    | # 1    |
| 13) 1,4-Dichlorobenzene        | 8.36  | 146  | 59       | 0.013  | ng    | # 1    |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146  | 59       | 0.014  | ng    | # 1    |
| 15) Benzyl Alcohol             | 8.37  | 79   | 6045     | 1.542  | ng    | # 54   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.88  | 45   | 69       | 0.008  | ng    | 73     |
| 18) Hexachloroethane           | 8.72  | 117  | 61       | 0.036  | ng    | # 1    |
| 19) n-Nitroso-di-n-propylamine | 9.22  | 70   | 50381    | 14.437 | ng    | # 67   |
| 20) 3+4-Methylphenols          | 9.13  | 107  | 54       | 0.011  | ng    | # 21   |
| 22) Acetophenone               | 8.98  | 105  | 56       | 0.010  | ng    | # 48   |
| 24) Nitrobenzene               | 9.28  | 77   | 56       | 0.013  | ng    | # 38   |
| 25) Isophorone                 | 9.56  | 82   | 408      | 0.047  | ng    | # 67   |
| 27) 2,4-Dimethylphenol         | 9.87  | 122  | 65       | 0.020  | ng    | # 1    |
| 29) 2,4-Dichlorophenol         | 10.26 | 162  | 54       | 0.015  | ng    | # 26   |
| 32) Benzoic acid               | 9.87  | 122  | 65       | 0.033  | ng    | # 1    |
| 33) 4-Chloroaniline            | 10.87 | 127  | 57       | 0.012  | ng    | # 6    |
| 36) 4-Chloro-3-methylphenol    | 12.62 | 107  | 61       | 0.015  | ng    | # 20   |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 1132     | 0.101  | ng    | 91     |
| 47) 2-Chloronaphthalene        | 13.29 | 162  | 73       | 0.009  | ng    | # 1    |
| 48) 2-Nitroaniline             | 14.12 | 65   | 463      | 0.160  | ng    | # 1    |
| 49) Acenaphthylene             | 14.25 | 152  | 60       | 0.004  | ng    | # 1    |
| 50) Dimethylphthalate          | 14.13 | 163  | 52922    | 4.776  | ng    | 99     |
| 51) 2,6-Dinitrotoluene         | 14.13 | 165  | 786      | 0.316  | ng    | # 58   |
| 52) Acenaphthene               | 14.74 | 154  | 53       | 0.006  | ng    | # 3    |
| 53) 3-Nitroaniline             | 14.92 | 138  | 59       | 0.022  | ng    | # 2    |
| 54) 2,4-Dinitrophenol          | 15.23 | 184  | 55       | 0.042  | ng    | # 18   |
| 55) Dibenzofuran               | 15.47 | 168  | 72       | 0.005  | ng    | # 47   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\  
 Data File : BG040420.D  
 Acq On : 10 Apr 2019 18:20  
 Operator : JU/SJ  
 Sample : K2338-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

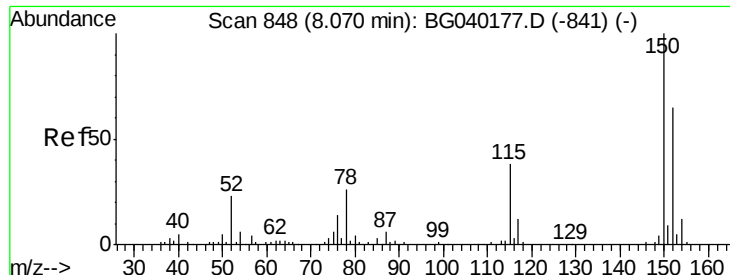
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Apr 11 01:41:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 28 05:47:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 57) 2,4-Dinitrotoluene         | 14.67 | 165  | 17374    | 5.025 | nq    | # 25     |
| 58) Fluorene                   | 16.17 | 166  | 10775    | 1.023 | nq    | # 69     |
| 60) Diethylphthalate           | 15.48 | 149  | 499      | 0.044 | nq    | # 57     |
| 62) 4-Nitroaniline             | 16.16 | 138  | 65       | 0.023 | nq    | # 1      |
| 63) Azobenzene                 | 16.03 | 77   | 62       | 0.006 | nq    | # 48     |
| 65) 4,6-Dinitro-2-methylphenol | 16.16 | 198  | 713      | 0.370 | nq    | # 1      |
| 66) n-Nitrosodiphenylamine     | 16.17 | 169  | 9206     | 0.917 | nq    | # 37     |
| 67) 4-Bromophenyl-phenylether  | 16.17 | 248  | 17498    | 4.535 | nq    | # 1      |
| 71) Phenanthrene               | 17.46 | 178  | 554      | 0.031 | nq    | # 58     |
| 72) Anthracene                 | 17.55 | 178  | 59       | 0.003 | nq    | # 59     |
| 73) Carbazole                  | 17.71 | 167  | 66       | 0.004 | nq    | # 59     |
| 74) Di-n-butylphthalate        | 18.37 | 149  | 614      | 0.030 | nq    | # 77     |
| 75) Fluoranthene               | 19.59 | 202  | 54       | 0.003 | nq    | # 63     |
| 77) Benzidine                  | 20.02 | 184  | 22601    | 1.742 | nq    | # 96     |
| 78) Pyrene                     | 19.83 | 202  | 216      | 0.009 | nq    | # 16     |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 251      | 0.025 | nq    | # 57     |
| 81) Benzo(a)anthracene         | 21.70 | 228  | 1149     | 0.052 | nq    | # 76     |
| 82) 3,3'-Dichlorobenzidine     | 21.70 | 252  | 53       | 0.006 | nq    | # 1      |
| 83) Chrysene                   | 21.75 | 228  | 146      | 0.007 | nq    | # 48     |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 2565     | 0.177 | nq    | # 93     |
| 85) Di-n-octyl phthalate       | 22.78 | 149  | 501      | 0.020 | nq    | # 70     |
| 86) Indeno(1,2,3-cd)pyrene     | 28.59 | 276  | 83       | 0.003 | nq    | # 24     |
| 88) Benzo(b)fluoranthene       | 23.95 | 252  | 549      | 0.024 | nq    | # 1      |
| 89) Benzo(k)fluoranthene       | 24.02 | 252  | 55       | 0.003 | nq    | # 1      |
| 90) Benzo(a)pyrene             | 24.81 | 252  | 193      | 0.009 | nq    | # 10     |
| 92) Benzo(g,h,i)perylene       | 29.94 | 276  | 132      | 0.006 | nq    | # 55     |
| -----                          |       |      |          |       |       |          |

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



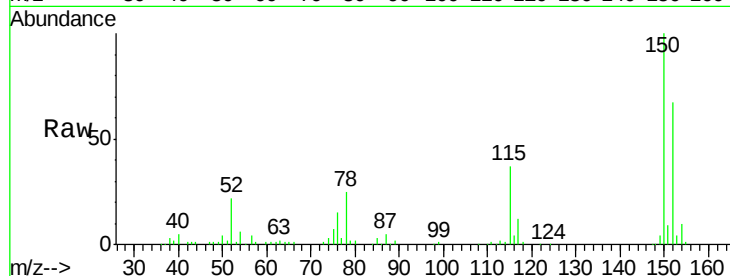


#1

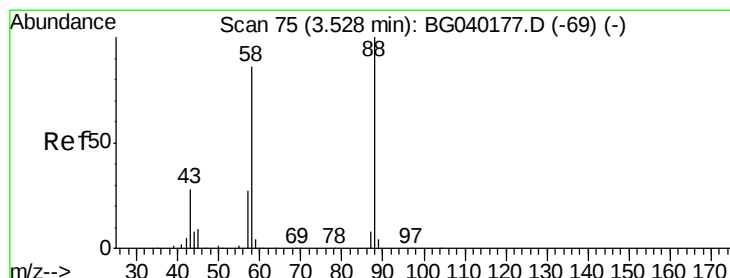
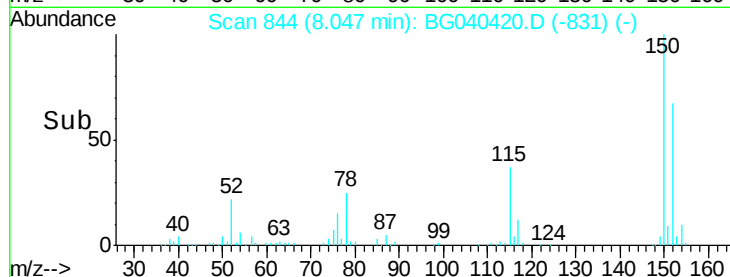
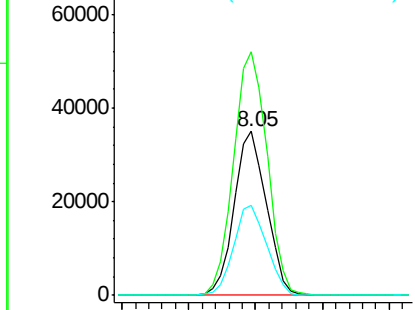
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 844  
Delta R.T. -0.02 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 58548  
Ion Ratio Lower Upper  
152 100  
150 148.4 123.7 185.5  
115 55.1 46.9 70.3



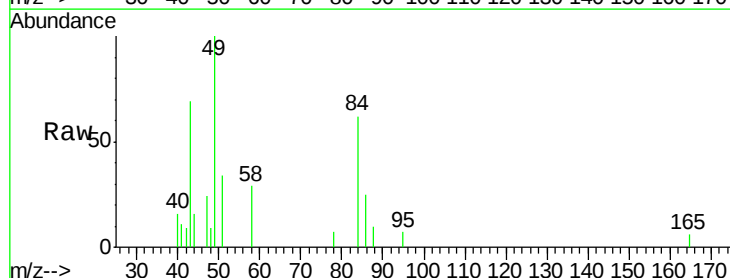
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



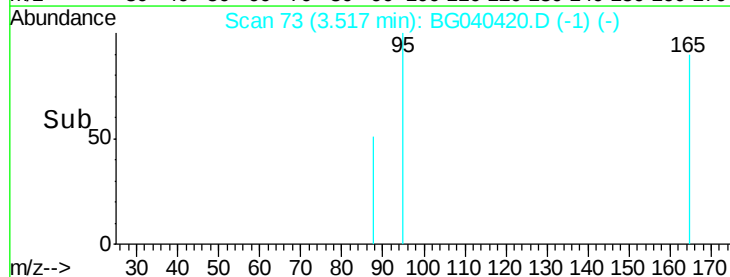
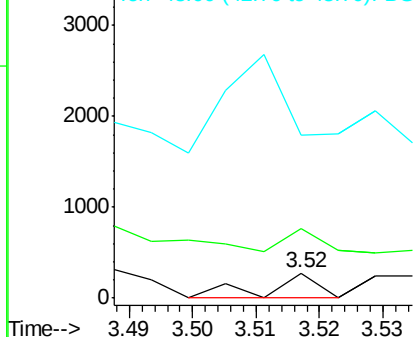
#2

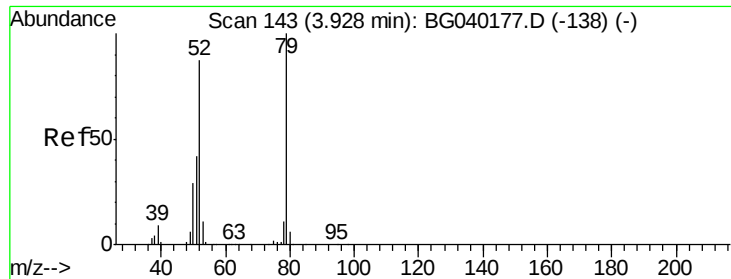
1,4-Dioxane  
Concen: 0.092 ng  
RT: 3.52 min Scan# 73  
Delta R.T. -0.01 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

Tgt Ion: 88 Resp: 153  
Ion Ratio Lower Upper  
88 100  
58 0.0 70.6 106.0#  
43 502.6 24.8 37.2#



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.012 ng

RT: 4.10 min Scan# 172

Delta R.T. 0.17 min

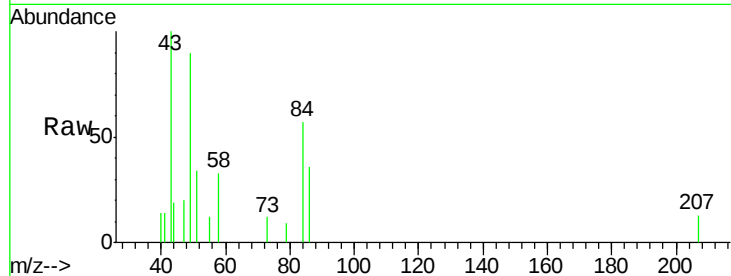
Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampled :



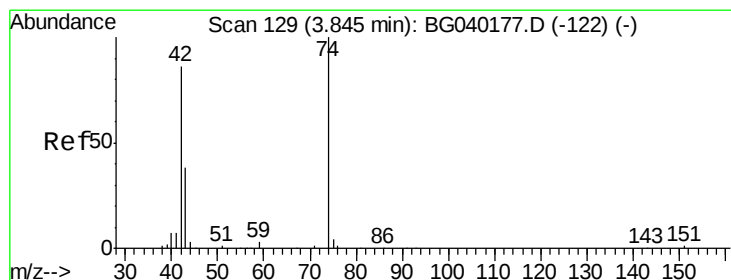
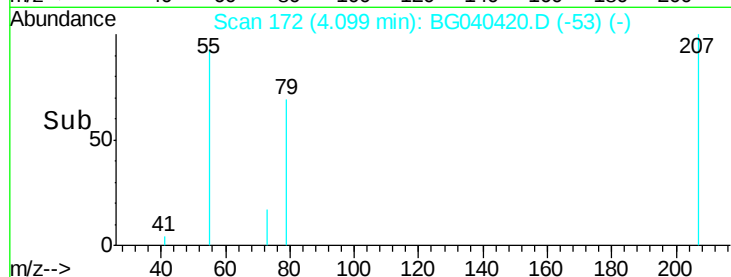
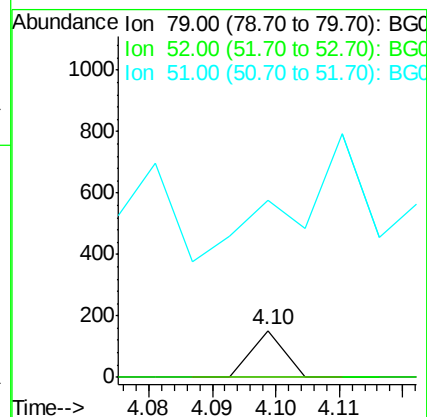
Tot Ion: 79 Resp: 54

Ion Ratio Lower Upper

79 100

52 0.0 69.8 104.8#

51 375.8 33.9 50.9#



#4

n-Nitrosodimethylamine

Concen: 0.176 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

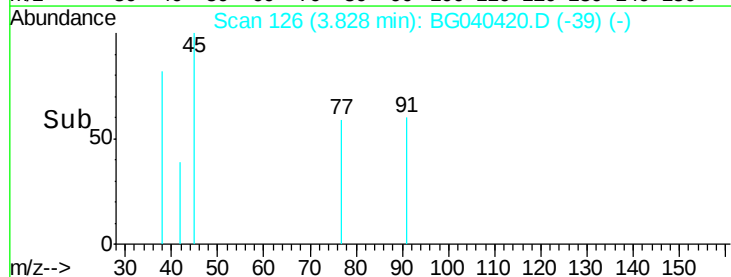
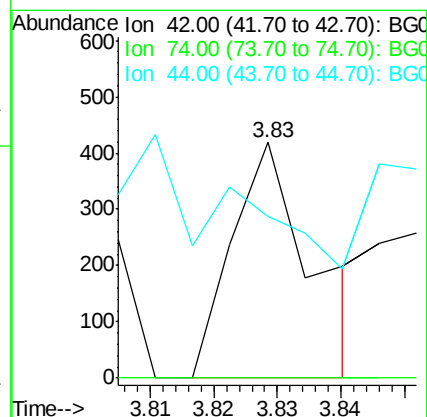
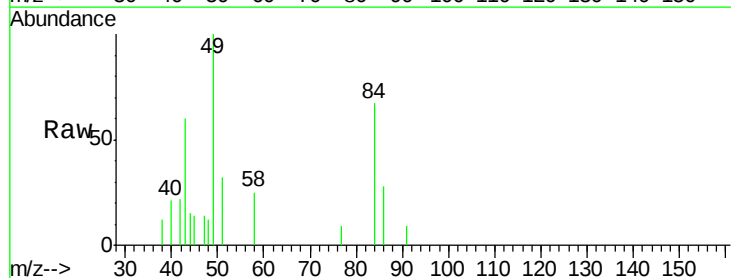
Tgt Ion: 42 Resp: 364

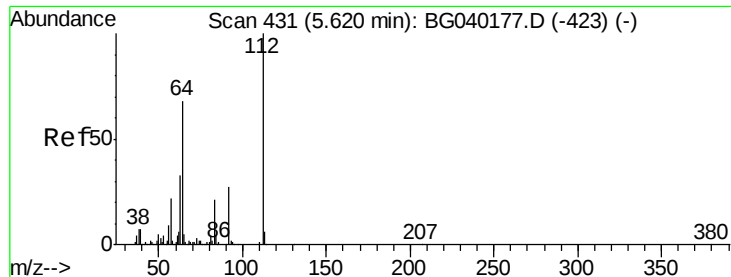
Ion Ratio Lower Upper

42 100

74 0.0 92.9 139.3#

44 68.5 9.7 14.5#





#5

2-Fluorophenol

Concen: 73.414 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampleId :

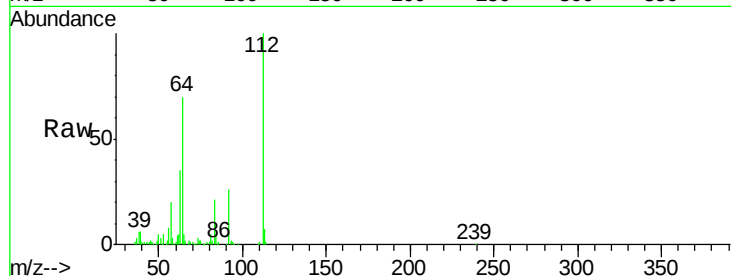
Tot Ion:112 Resp: 258555

Ion Ratio Lower Upper

112 100

64 69.7 54.2 81.2

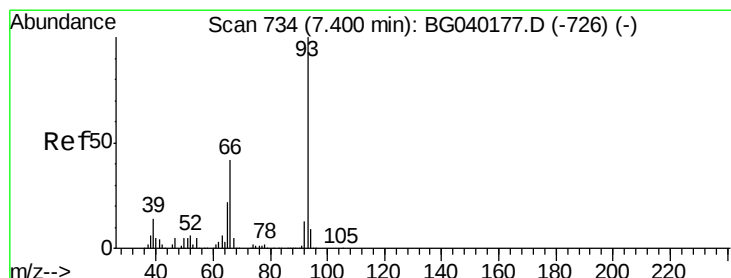
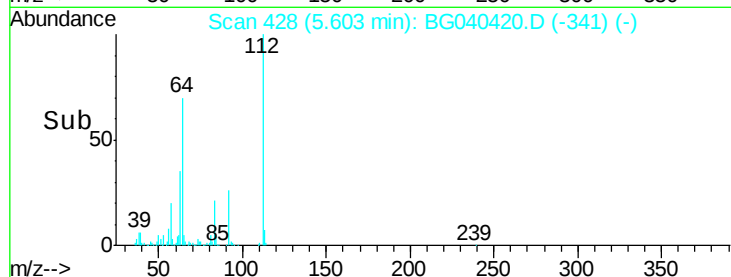
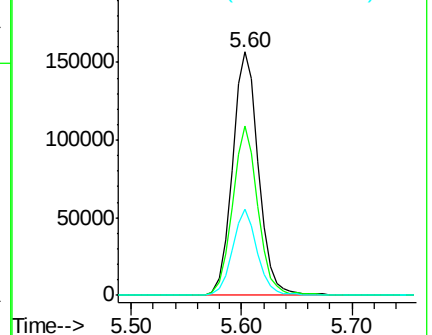
63 35.1 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.029 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.18 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

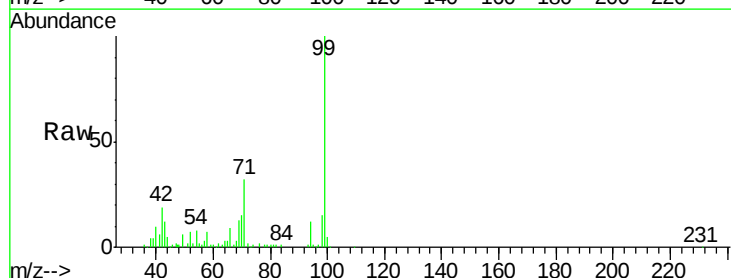
Tgt Ion: 93 Resp: 181

Ion Ratio Lower Upper

93 100

66 1068.0 33.6 50.4#

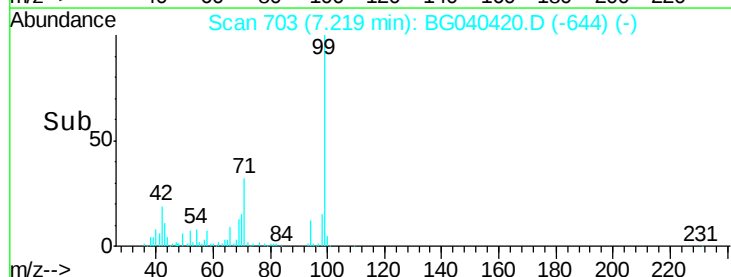
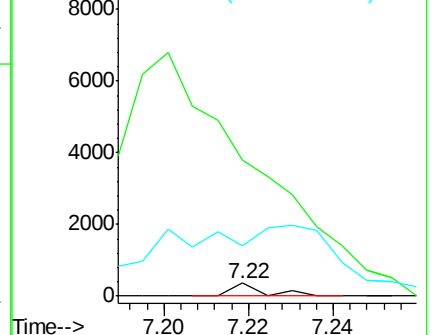
65 393.3 17.4 26.2#

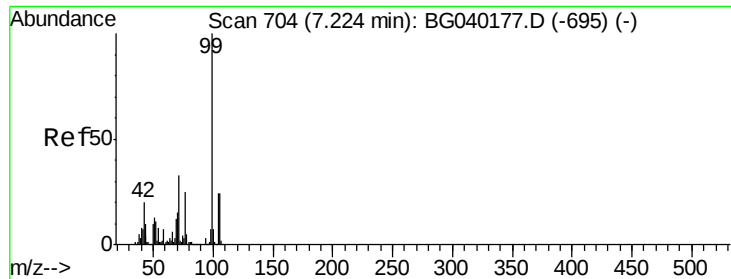


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 50.125 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampleId :

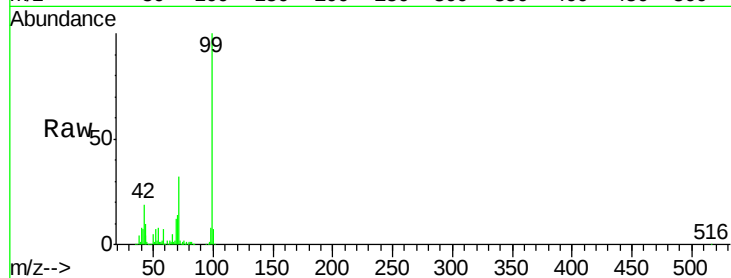
Tot Ion: 99 Resp: 243974

Ion Ratio Lower Upper

99 100

42 19.3 16.2 24.2

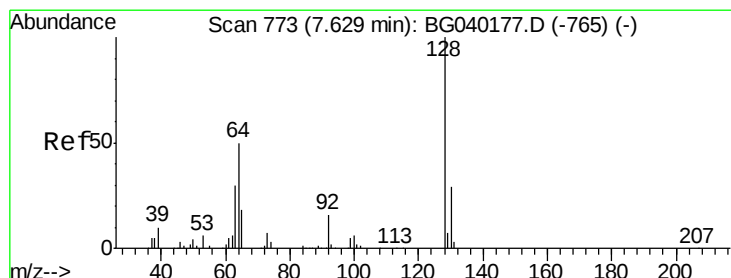
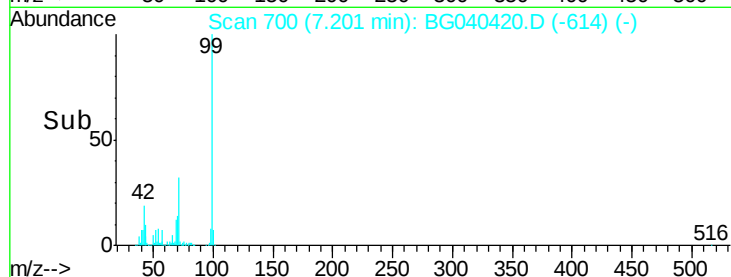
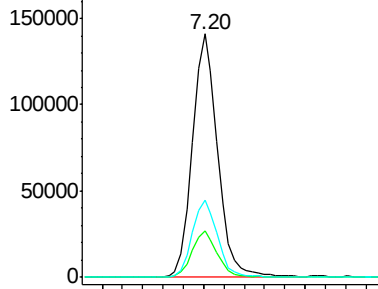
71 31.7 26.8 40.2



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



#8

2-Chlorophenol

Concen: 0.042 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.05 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

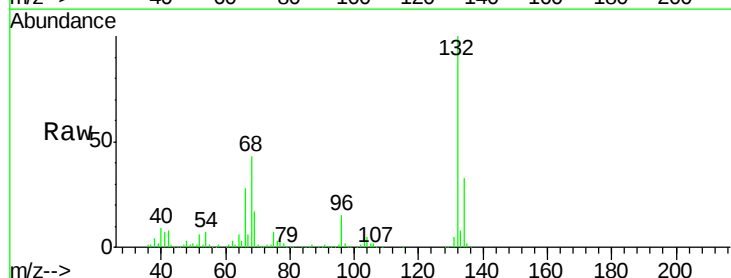
Tgt Ion: 128 Resp: 174

Ion Ratio Lower Upper

128 100

130 0.0 9.1 49.1#

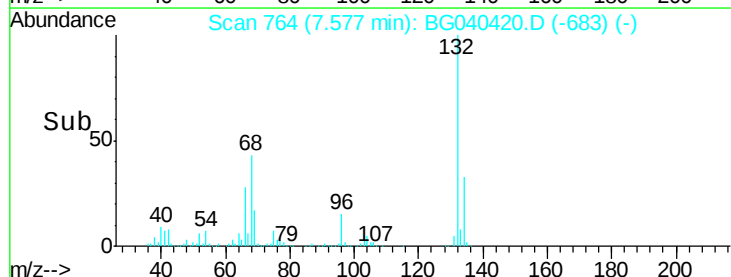
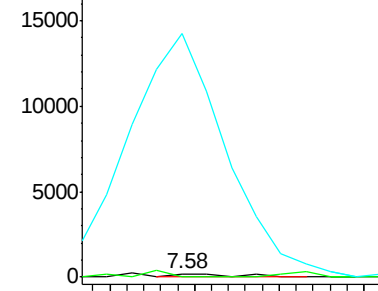
64 7870.2 33.1 73.1#

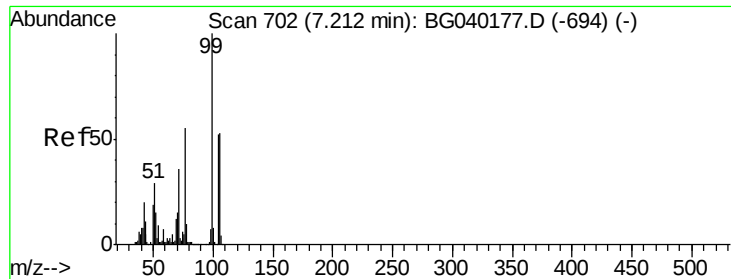


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.098 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampleId :

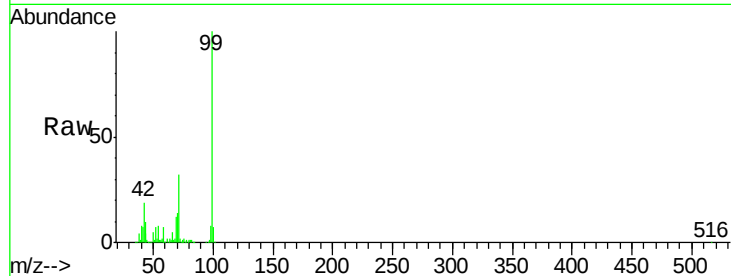
Tot Ion: 77 Resp: 327

Ion Ratio Lower Upper

77 100

105 0.0 75.0 115.0#

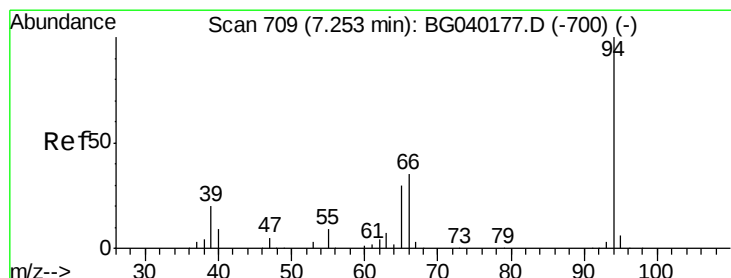
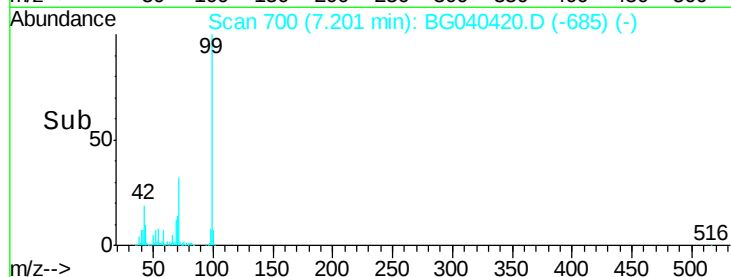
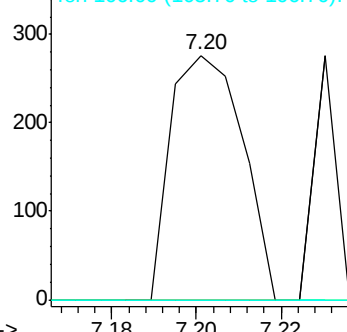
106 0.0 75.7 115.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 2.300 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

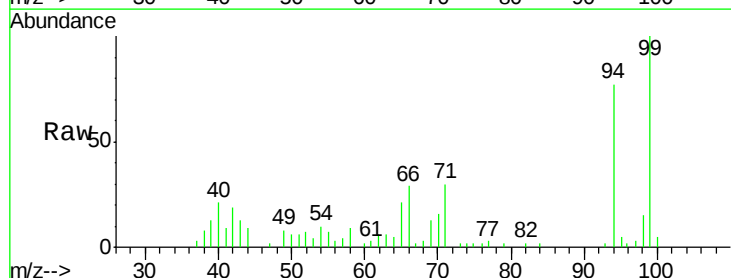
Tgt Ion: 94 Resp: 12153

Ion Ratio Lower Upper

94 100

65 26.6 10.5 50.5

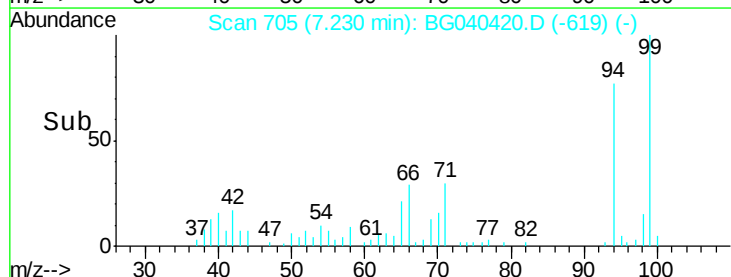
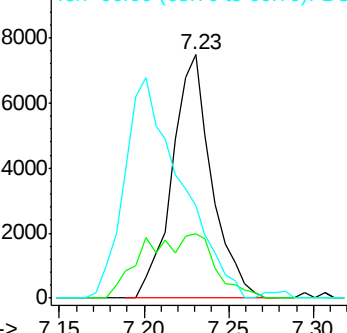
66 37.8 16.9 56.9

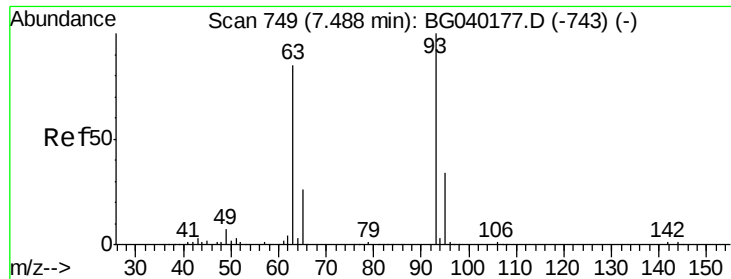


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

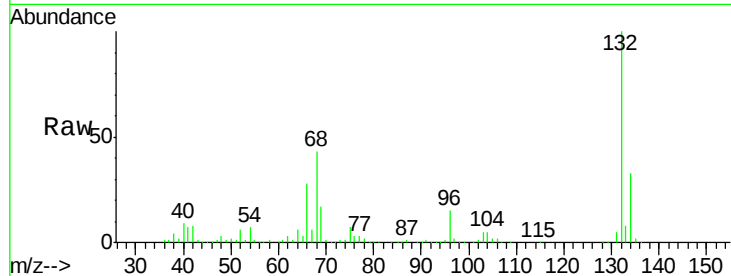




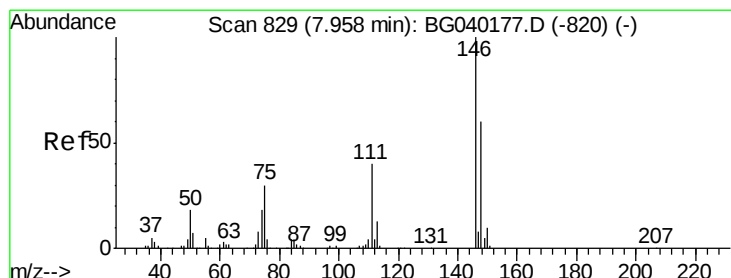
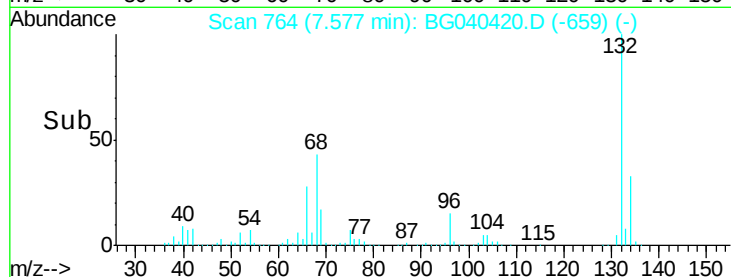
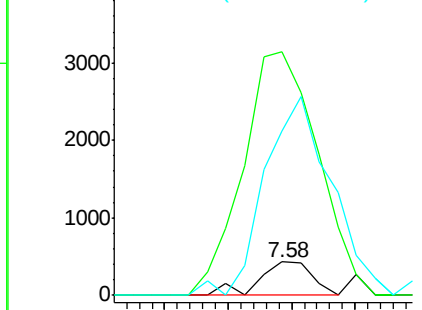
#11  
 bis(2-Chloroethyl)ether  
 Concen: 0.119 ng  
 RT: 7.58 min Scan# 764  
 Delta R.T. 0.09 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion: 93 Resp: 503  
 Ion Ratio Lower Upper  
 93 100  
 63 725.6 64.2 104.2#  
 95 489.6 14.0 54.0#

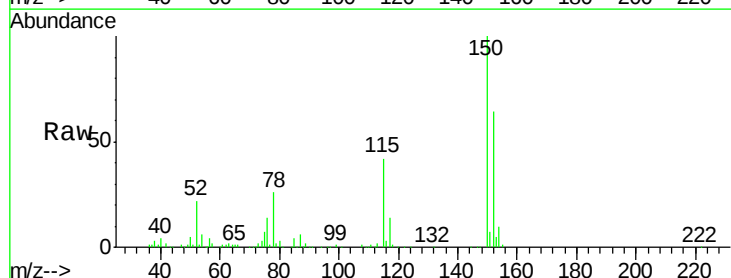


Abundance Ion 93.00 (92.70 to 93.70): BGC  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC

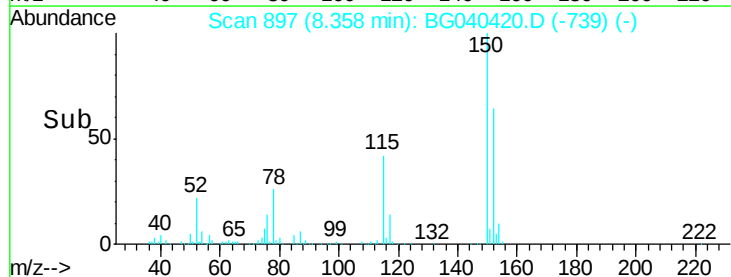
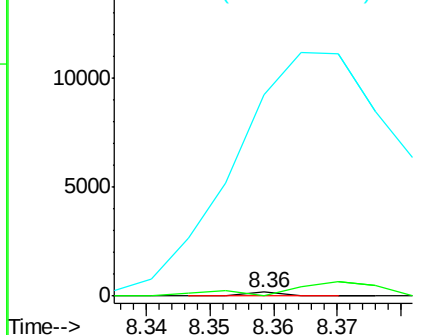


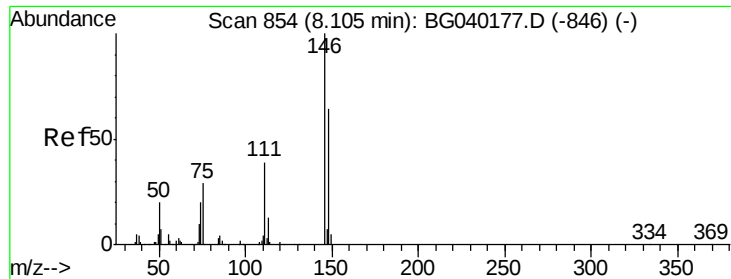
#12  
 1,3-Dichlorobenzene  
 Concen: 0.013 ng  
 RT: 8.36 min Scan# 897  
 Delta R.T. 0.40 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

Tgt Ion: 146 Resp: 59  
 Ion Ratio Lower Upper  
 146 100  
 148 0.0 48.2 72.2#  
 75 5483.9 24.1 36.1#



Abundance Ion 146.00 (145.70 to 146.70): BGC  
 Ion 148.00 (147.70 to 148.70): BGC  
 Ion 75.00 (74.70 to 75.70): BGC

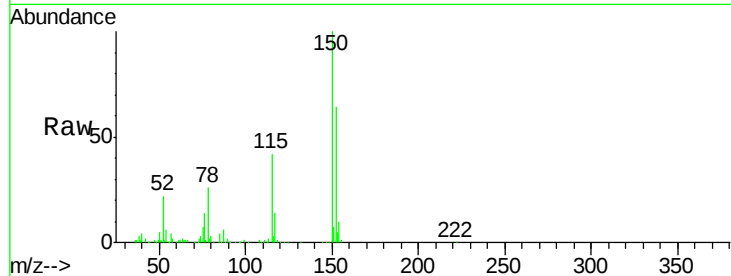




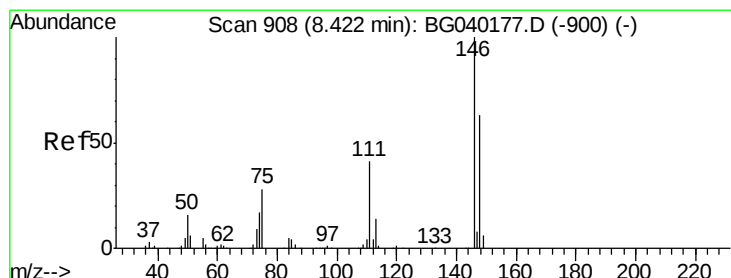
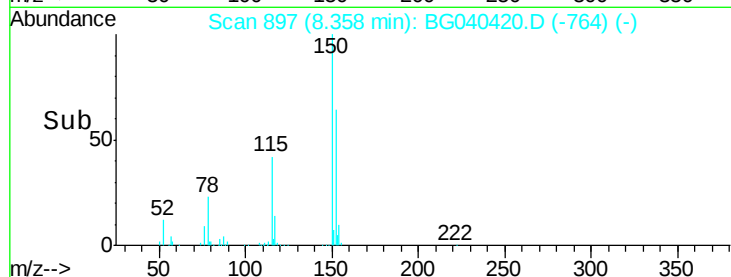
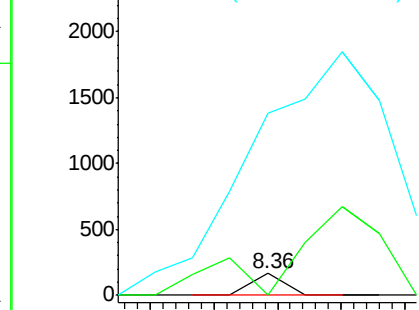
#13  
 1,4-Dichlorobenzene  
 Concen: 0.013 ng  
 RT: 8.36 min Scan# 897  
 Delta R.T. 0.25 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 59  
 Ion Ratio Lower Upper  
 146 100  
 148 0.0 51.0 76.4#  
 111 822.6 31.8 47.6#

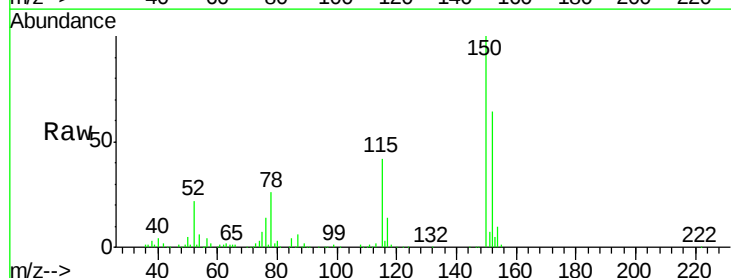


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

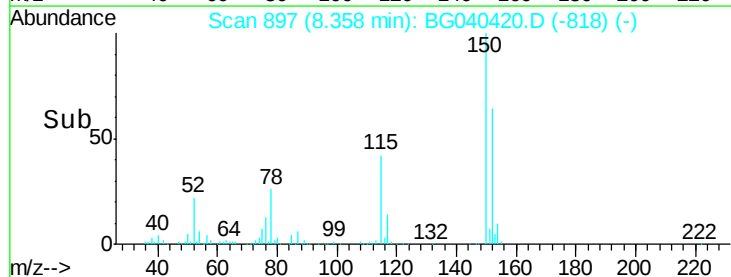
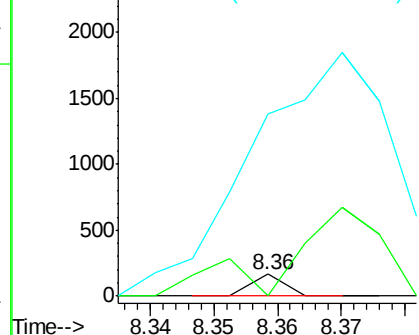


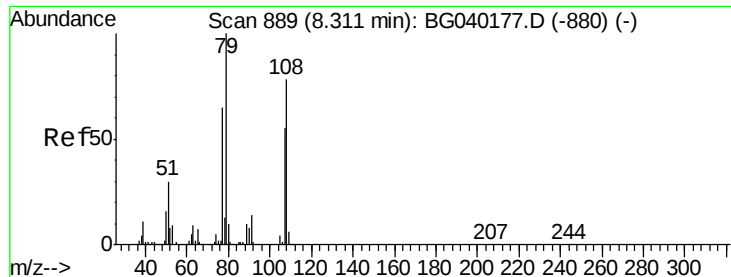
#14  
 1,2-Dichlorobenzene  
 Concen: 0.014 ng  
 RT: 8.36 min Scan# 897  
 Delta R.T. -0.06 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

Tgt Ion:146 Resp: 59  
 Ion Ratio Lower Upper  
 146 100  
 148 0.0 50.8 76.2#  
 111 822.6 33.4 50.0#



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.542 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.06 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampleId :

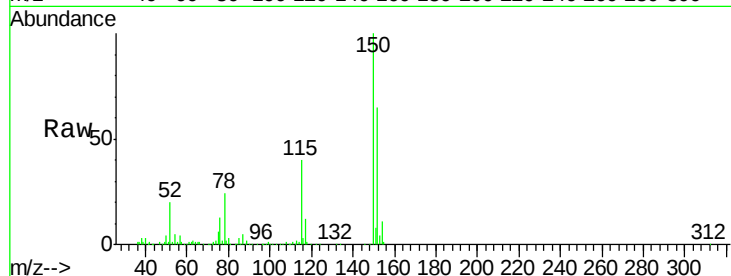
Tot Ion: 79 Resp: 6045

Ion Ratio Lower Upper

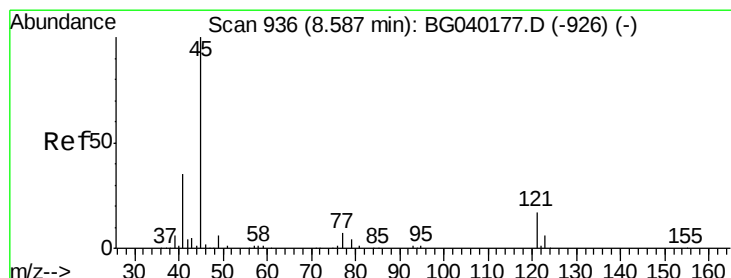
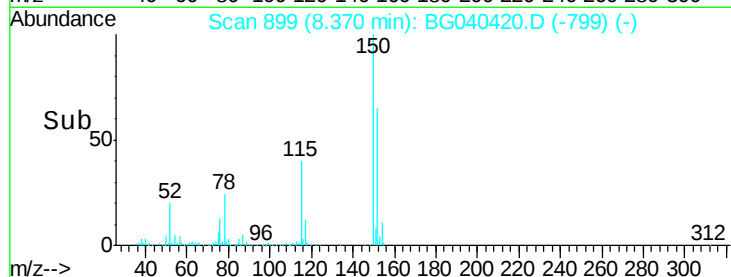
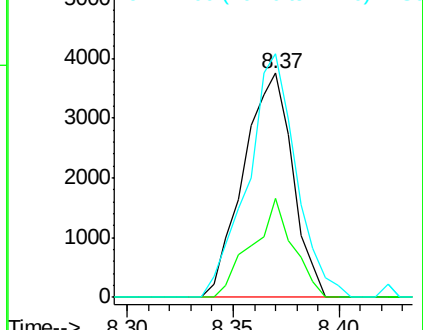
79 100

108 44.2 62.1 93.1#

77 108.7 51.9 77.9#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.008 ng

RT: 8.88 min Scan# 986

Delta R.T. 0.29 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

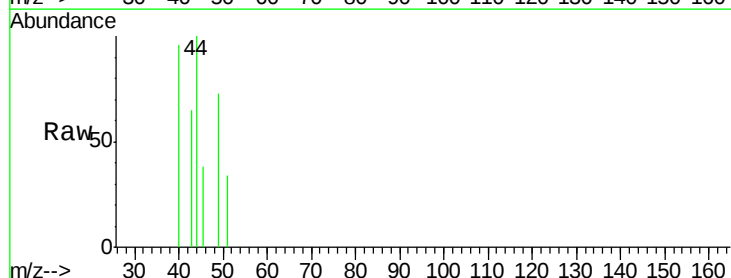
Tgt Ion: 45 Resp: 69

Ion Ratio Lower Upper

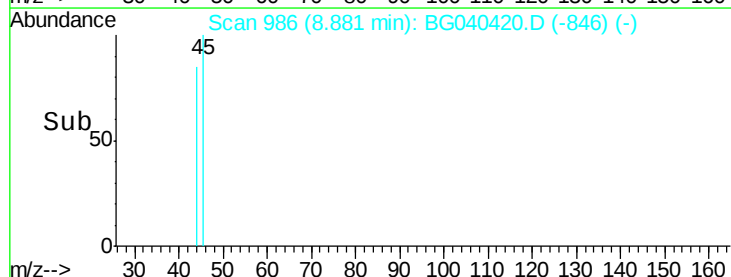
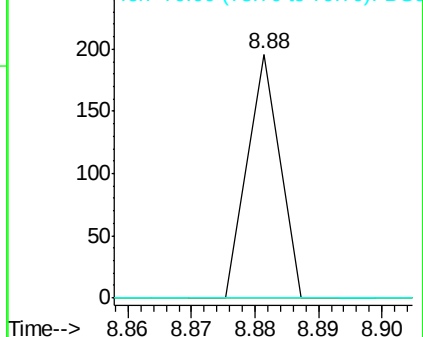
45 100

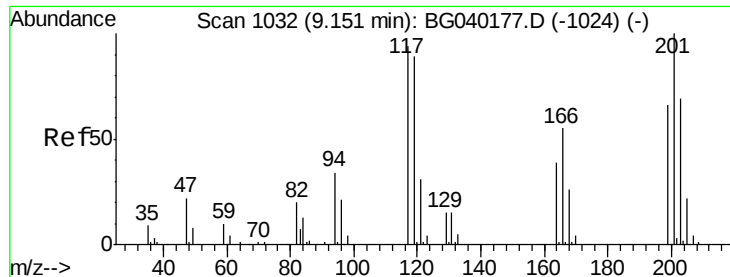
77 0.0 0.0 31.4

79 0.0 0.0 28.3



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

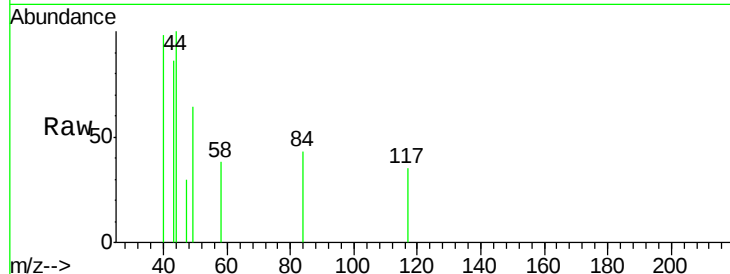




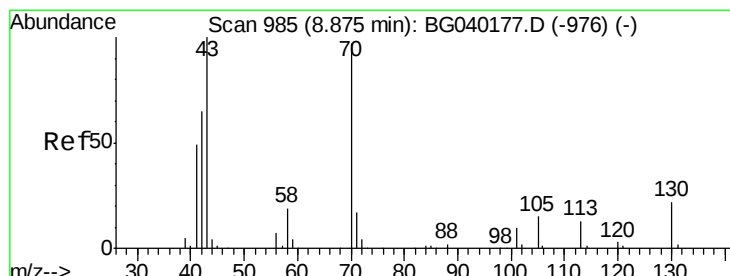
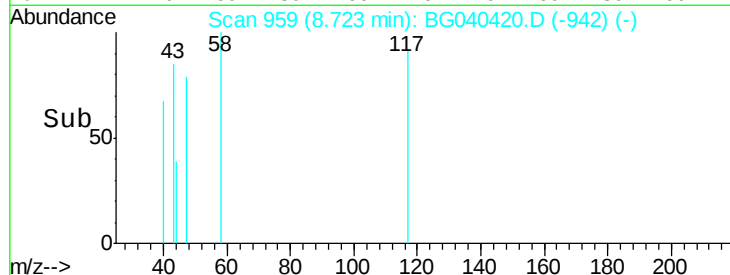
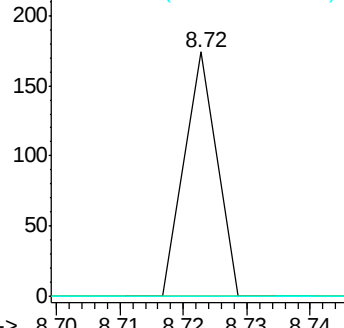
#18  
Hexachloroethane  
Concen: 0.036 ng  
RT: 8.72 min Scan# 959  
Delta R.T. -0.43 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:117 Resp: 61  
Ion Ratio Lower Upper  
117 100  
119 0.0 76.6 115.0#  
201 0.0 85.0 127.4#

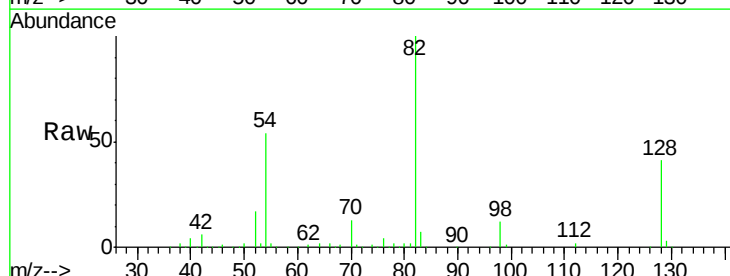


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

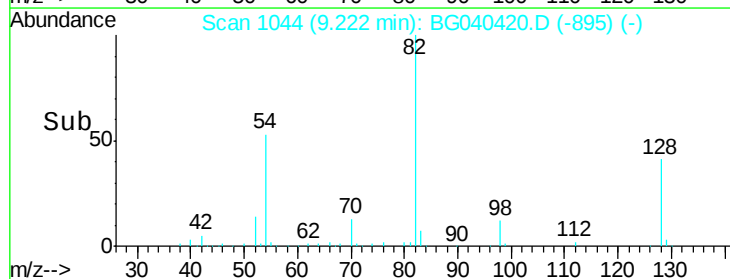
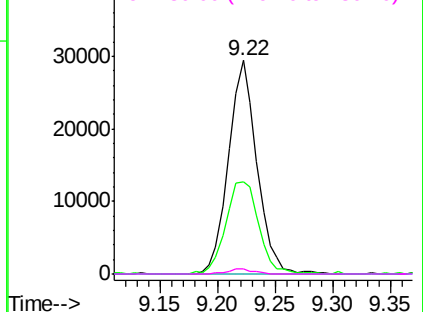


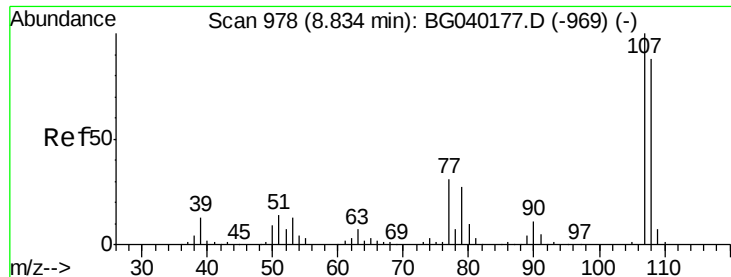
#19  
n-Nitroso-di-n-propylamine  
Concen: 14.437 ng  
RT: 9.22 min Scan# 1044  
Delta R.T. 0.35 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

Tgt Ion: 70 Resp: 50381  
Ion Ratio Lower Upper  
70 100  
42 43.1 54.0 81.0#  
101 0.0 8.6 13.0#  
130 2.5 18.2 27.2#



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): E  
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 0.011 ng

RT: 9.13 min Scan# 1029

Delta R.T. 0.30 min

Lab File: BG040420.D

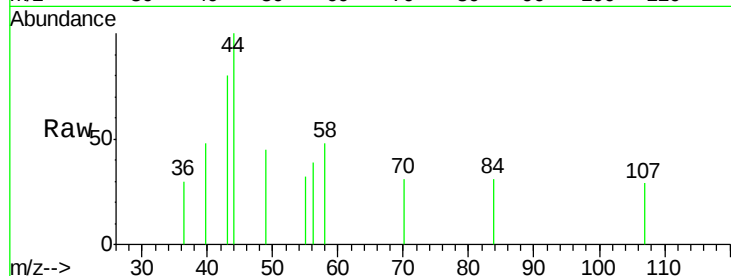
Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 54     |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 0.0   | 68.3  | 108.3# |
| 77       | 0.0   | 11.3  | 51.3#  |
| 79       | 0.0   | 7.3   | 47.3#  |



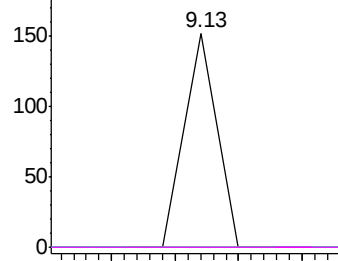
Abundance

Ion 107.00 (106.70 to 107.70): E

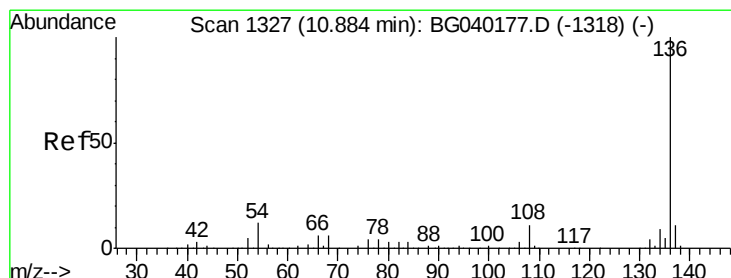
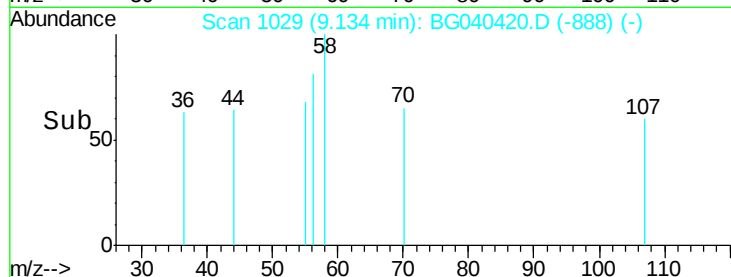
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

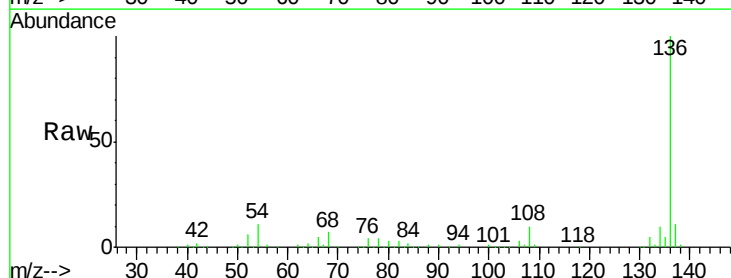
RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 224884 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.5  | 8.9   | 13.3   |
| 54       | 10.8  | 9.6   | 14.4   |
| 68       | 6.7   | 5.1   | 7.7    |



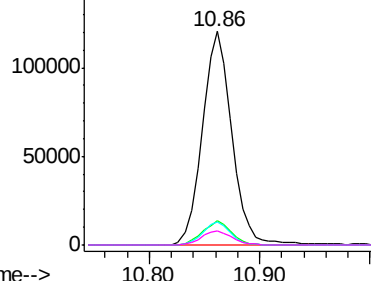
Abundance

Ion 136.00 (135.70 to 136.70): E

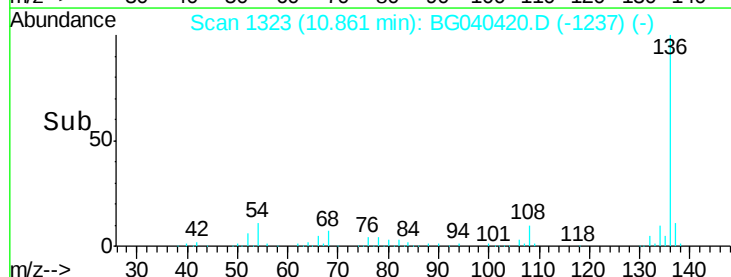
Ion 137.00 (136.70 to 137.70): E

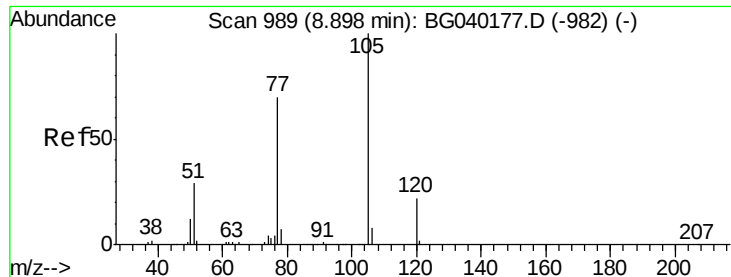
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

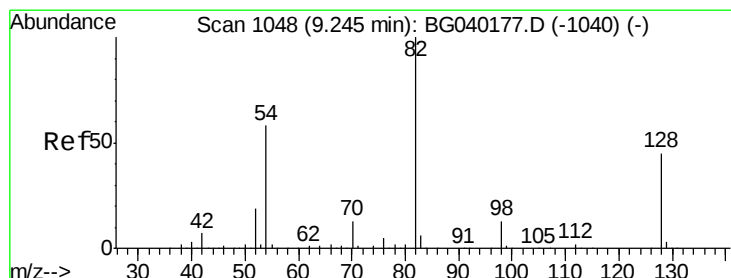
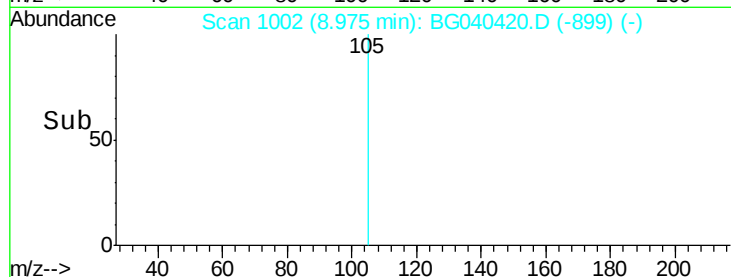
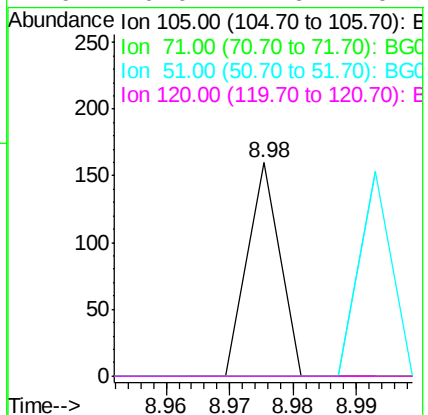
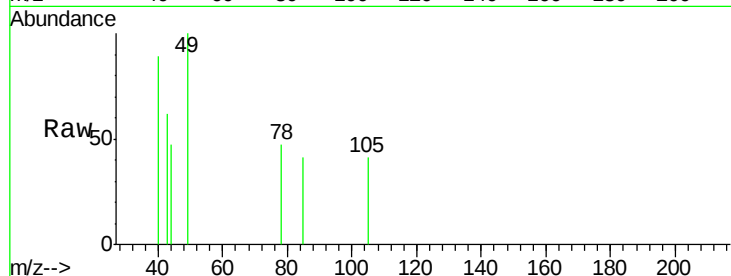




#22  
Acetophenone  
Concen: 0.010 ng  
RT: 8.98 min Scan# 1002  
Delta R.T. 0.08 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

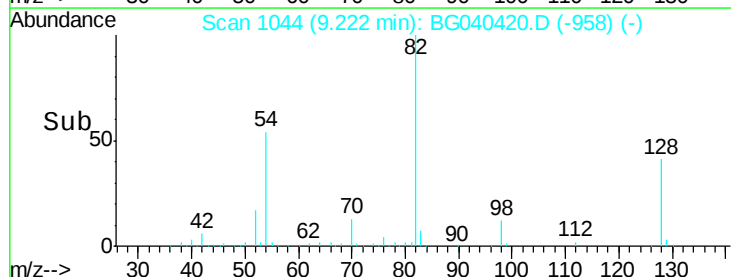
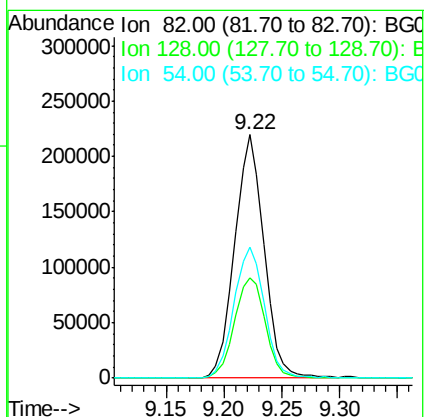
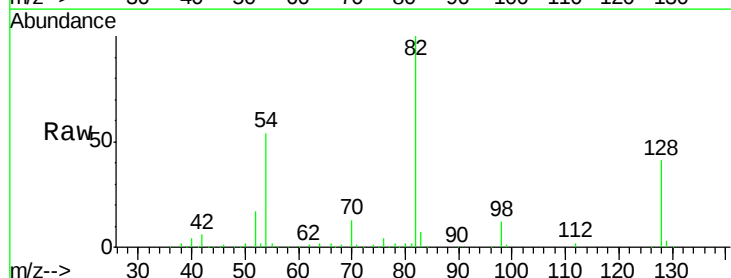
Instrument :  
BNA\_G  
ClientSampleId :

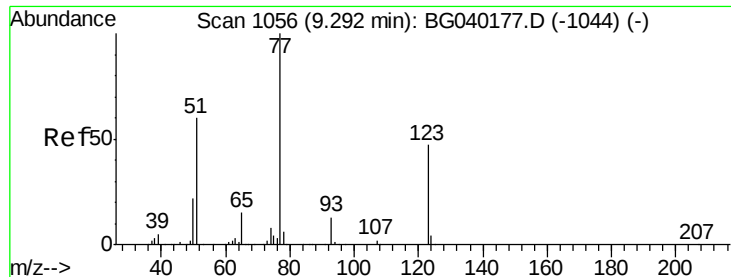
Tot Ion:105 Resp: 56  
Ion Ratio Lower Upper  
105 100  
71 0.0 0.6 1.0#  
51 0.0 25.1 37.7#  
120 0.0 17.6 26.4#



#23  
Nitrobenzene-d5  
Concen: 91.532 ng  
RT: 9.22 min Scan# 1044  
Delta R.T. -0.02 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

Tgt Ion: 82 Resp: 387259  
Ion Ratio Lower Upper  
82 100  
128 41.1 35.8 53.8  
54 53.6 46.2 69.2

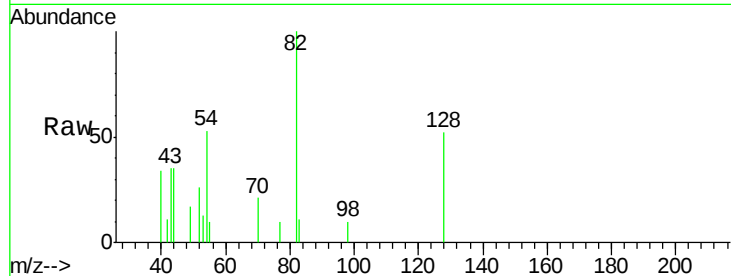




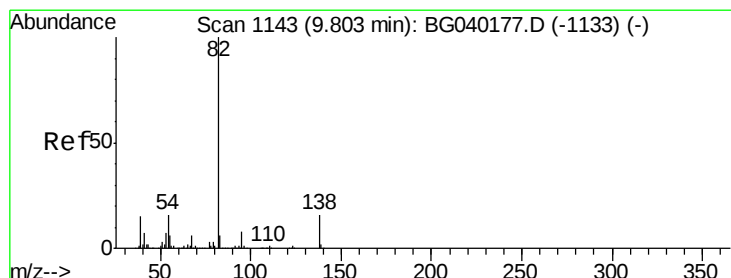
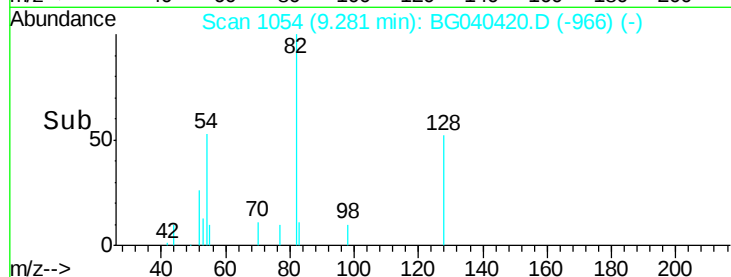
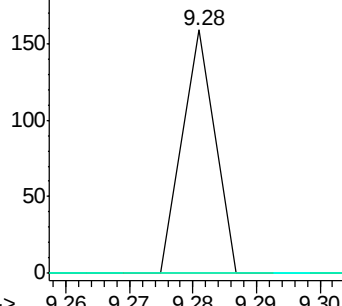
#24  
 Nitrobenzene  
 Concen: 0.013 ng  
 RT: 9.28 min Scan# 1054  
 Delta R.T. -0.01 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 0.0   | 37.8  | 56.6# |
| 65      | 0.0   | 12.0  | 18.0# |

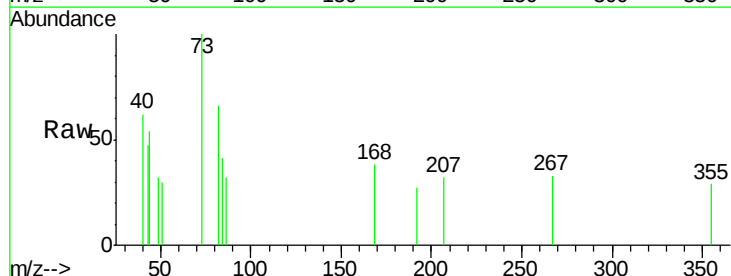


Abundance Ion 77.00 (76.70 to 77.70): BGC  
 Ion 123.00 (122.70 to 123.70): BGC  
 Ion 65.00 (64.70 to 65.70): BGC

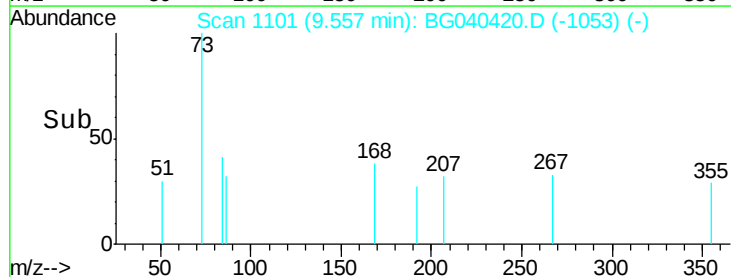
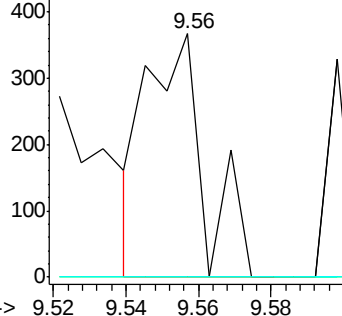


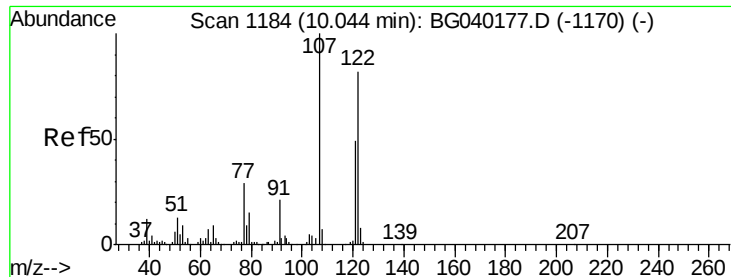
#25  
 Isophorone  
 Concen: 0.047 ng  
 RT: 9.56 min Scan# 1101  
 Delta R.T. -0.25 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 0.0   | 6.1   | 9.1#  |
| 138     | 0.0   | 13.2  | 19.8# |



Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC  
 Ion 138.00 (137.70 to 138.70): BGC





#27

2,4-Dimethylphenol

Concen: 0.020 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.17 min

Lab File: BG040420.D

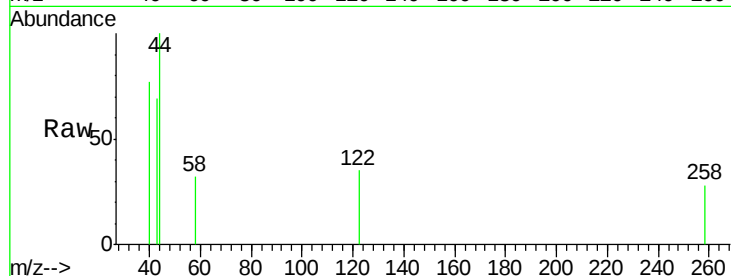
Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampleId :

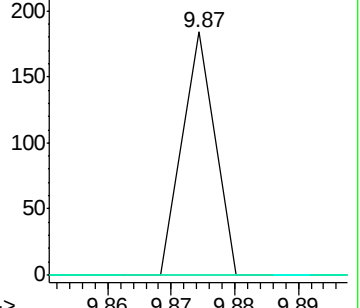
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 122   | Resp: | 65     |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 0.0   | 97.4  | 146.2# |
| 121      | 0.0   | 47.7  | 71.5#  |



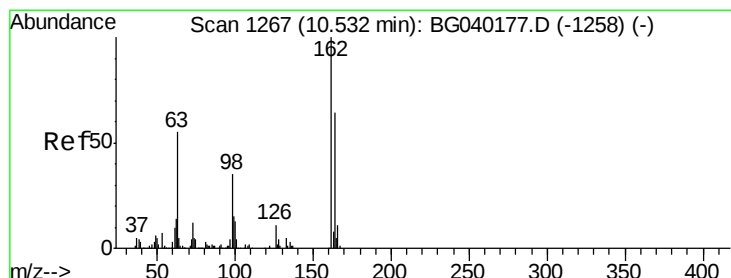
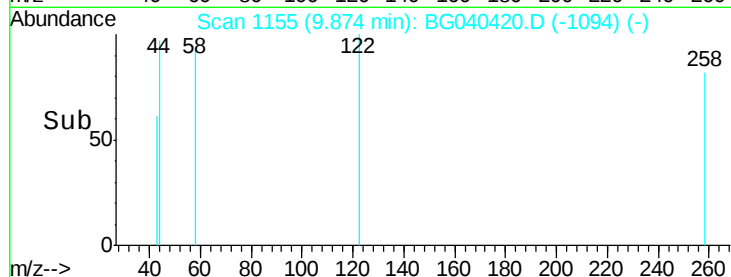
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#29

2,4-Dichlorophenol

Concen: 0.015 ng

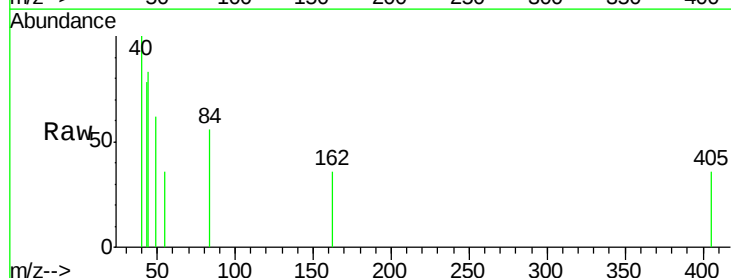
RT: 10.26 min Scan# 1221

Delta R.T. -0.27 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

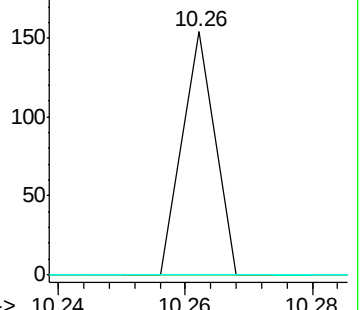
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 162   | Resp: | 54    |
| Ion      | Ratio | Lower | Upper |
| 162      | 100   |       |       |
| 164      | 0.0   | 43.9  | 83.9# |
| 98       | 0.0   | 15.6  | 55.6# |



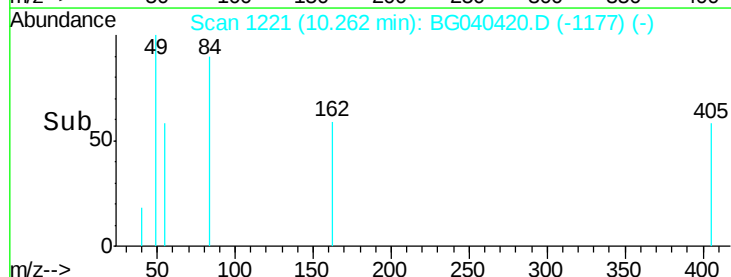
Abundance Ion 162.00 (161.70 to 162.70): E

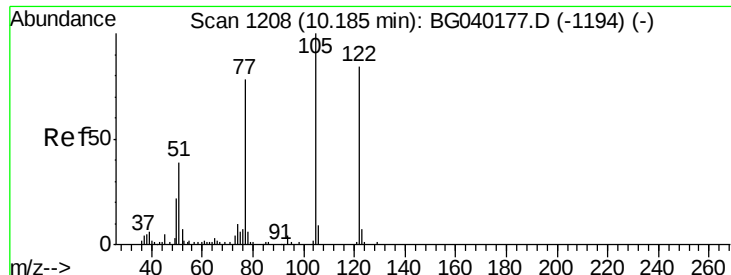
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BG



Time-->

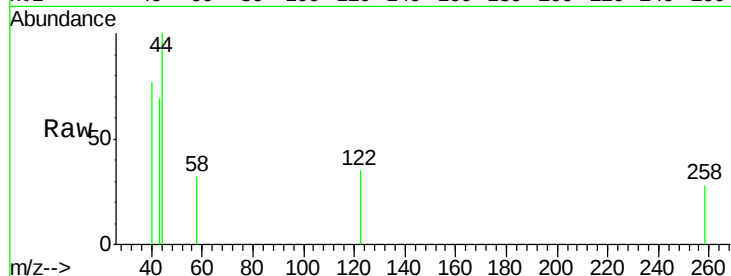




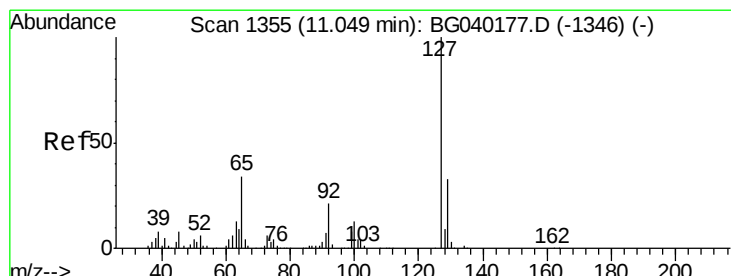
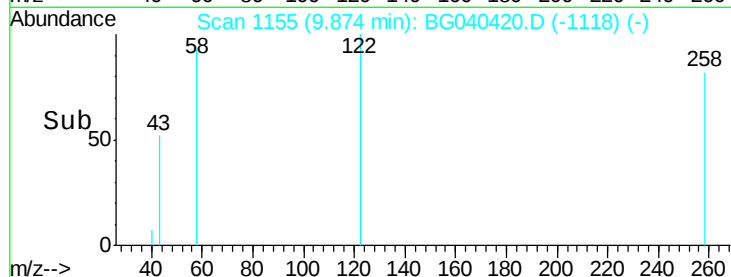
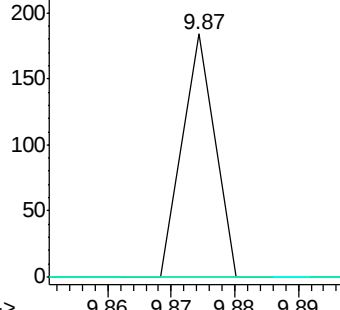
#32  
Benzoic acid  
Concen: 0.033 ng  
RT: 9.87 min Scan# 1155  
Delta R.T. -0.31 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 0.0   | 98.2  | 138.2# |
| 77      | 0.0   | 73.6  | 113.6# |



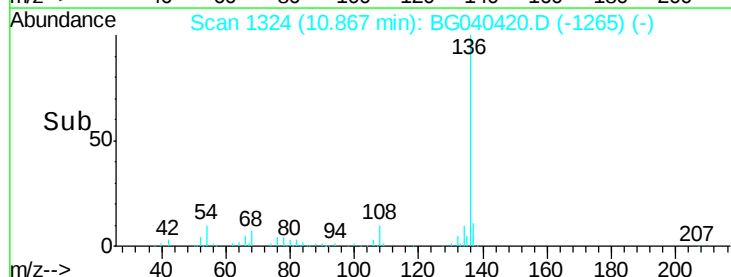
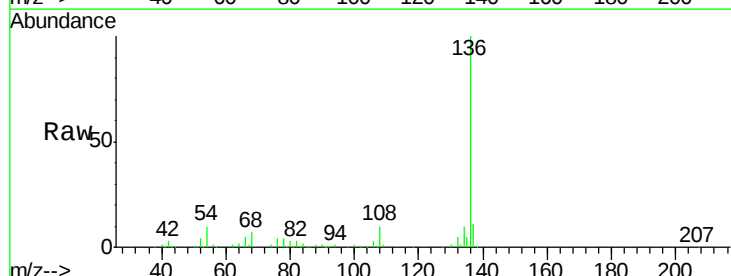
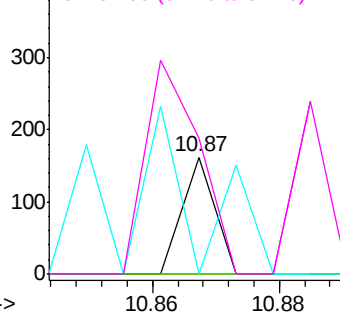
Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BGC

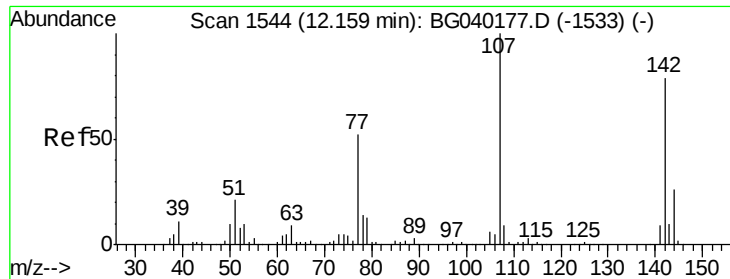


#33  
4-Chloroaniline  
Concen: 0.012 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. -0.18 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 0.0   | 26.6  | 40.0# |
| 65      | 0.0   | 27.0  | 40.4# |
| 92      | 116.7 | 16.6  | 25.0# |

Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

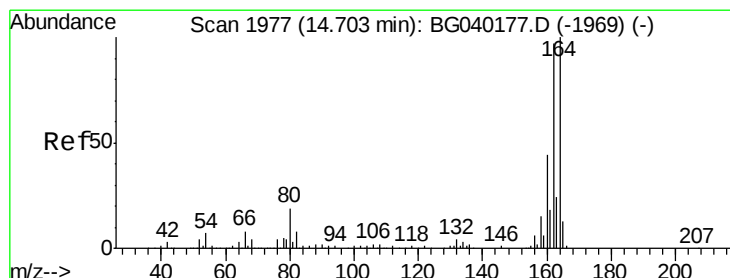
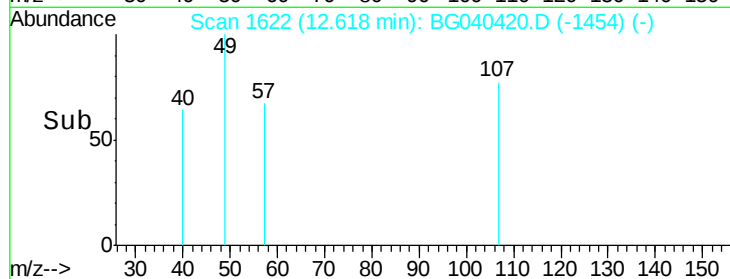
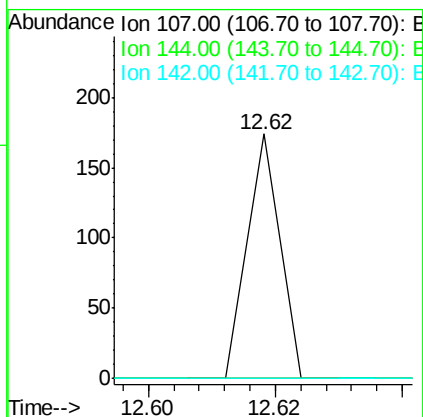
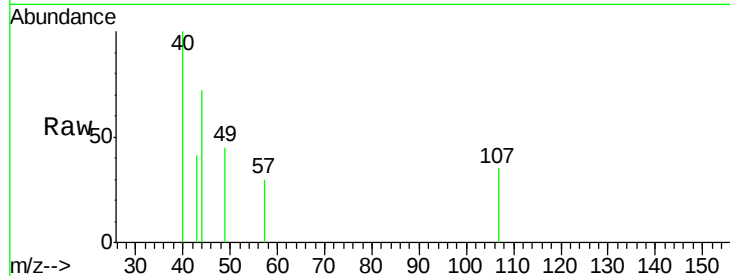




#36  
 4-Chloro-3-methylphenol  
 Concen: 0.015 ng  
 RT: 12.62 min Scan# 1622  
 Delta R.T. 0.46 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

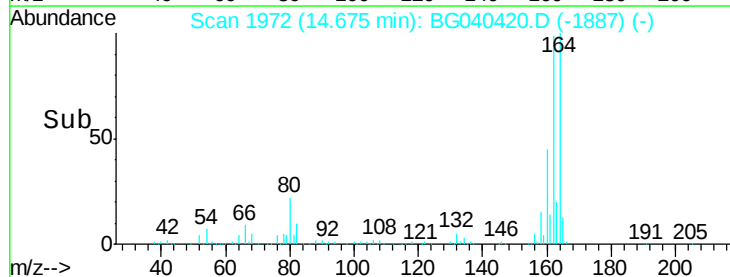
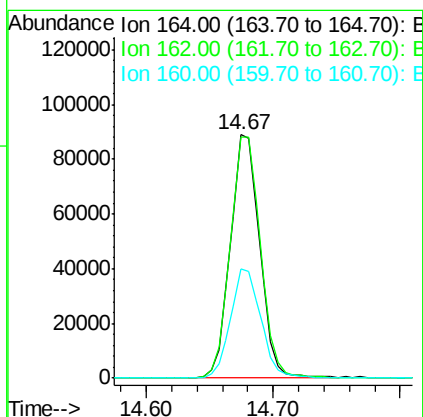
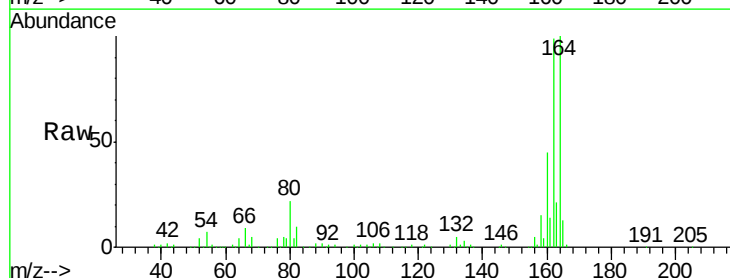
Instrument :  
 BNA\_G  
 ClientSampleId :

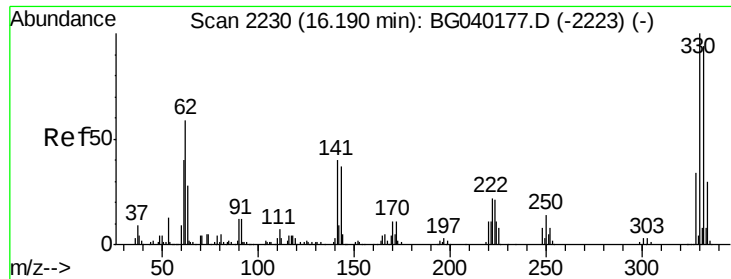
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 0.0   | 20.5  | 30.7# |
| 142     | 0.0   | 63.1  | 94.7# |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.67 min Scan# 1972  
 Delta R.T. -0.03 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.1  | 77.4  | 116.2 |
| 160     | 44.8  | 35.3  | 52.9  |

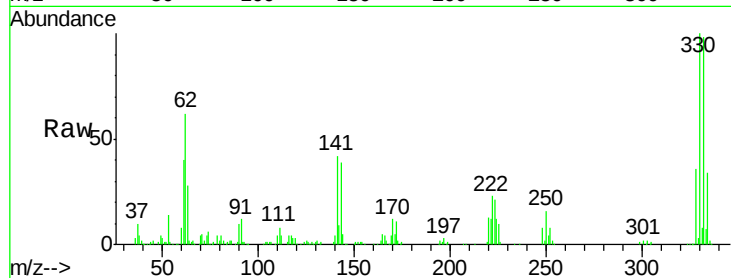




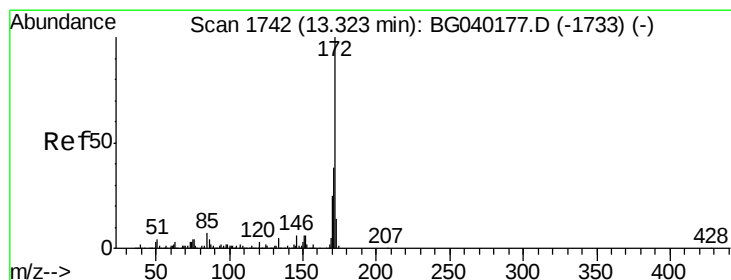
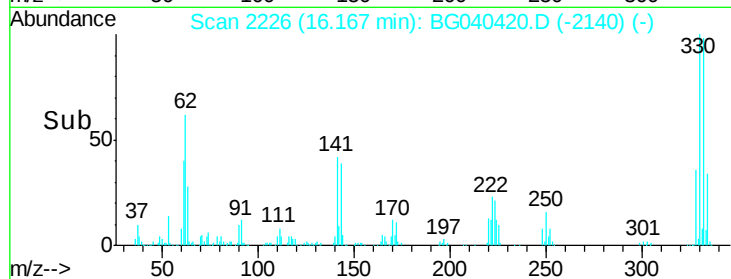
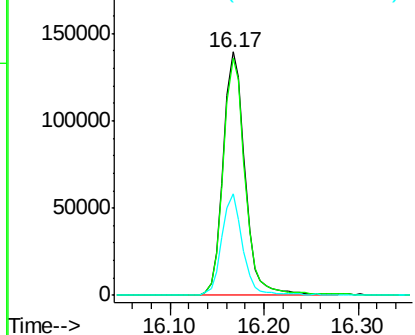
#42  
 2,4,6-Tribromophenol  
 Concen: 148.522 ng  
 RT: 16.17 min Scan# 2226  
 Delta R.T. -0.02 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 76.6  | 115.0 |
| 141     | 39.8  | 32.6  | 48.8  |

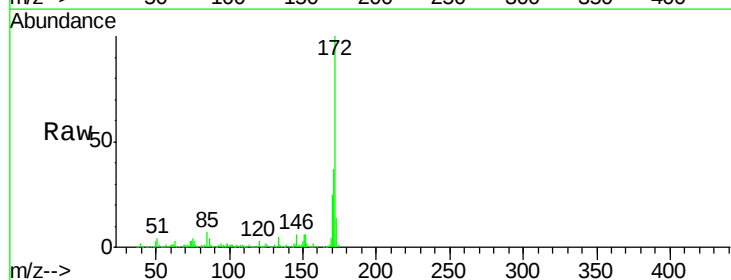


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

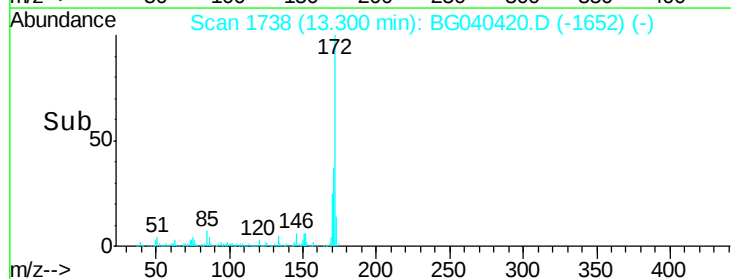
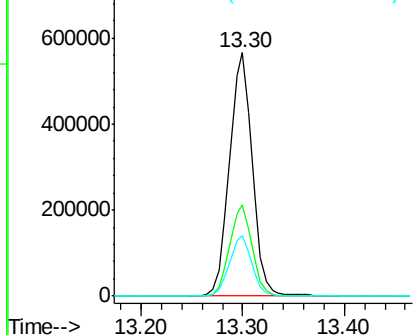


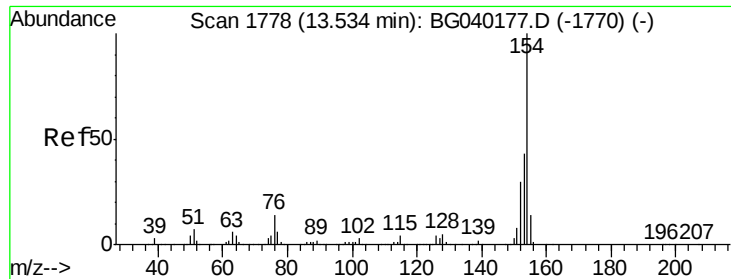
#45  
 2-Fluorobiphenyl  
 Concen: 92.508 ng  
 RT: 13.30 min Scan# 1738  
 Delta R.T. -0.02 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.4  | 30.5  | 45.7  |
| 170     | 24.6  | 20.1  | 30.1  |



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

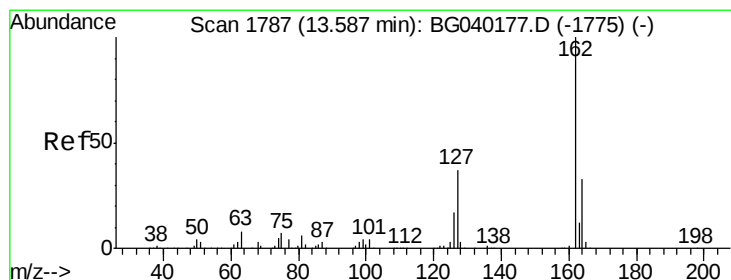
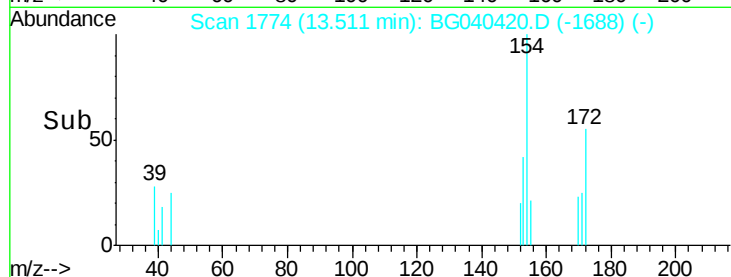
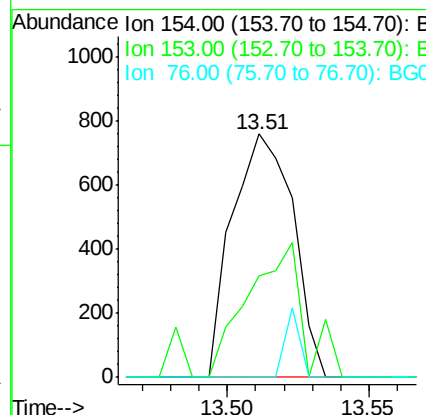
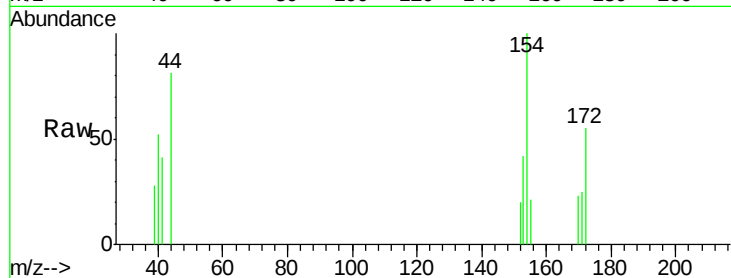




#46  
 1,1'-Biphenyl  
 Concen: 0.101 ng  
 RT: 13.51 min Scan# 1774  
 Delta R.T. -0.02 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

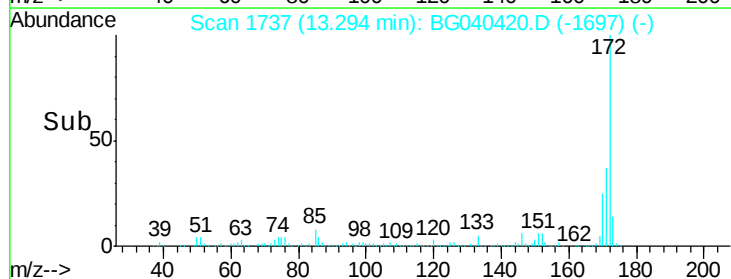
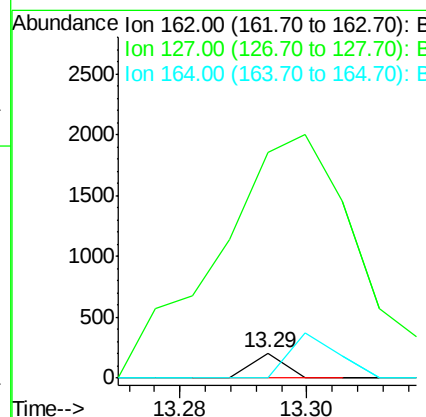
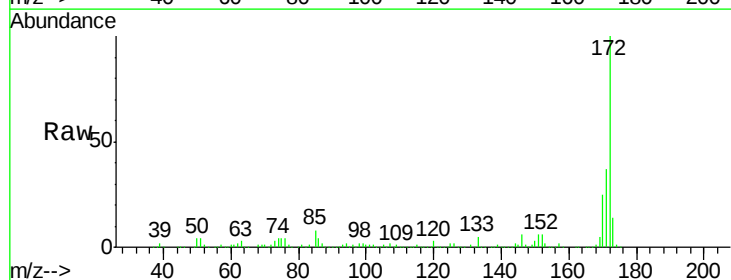
Instrument :  
 BNA\_G  
 ClientSampleId :

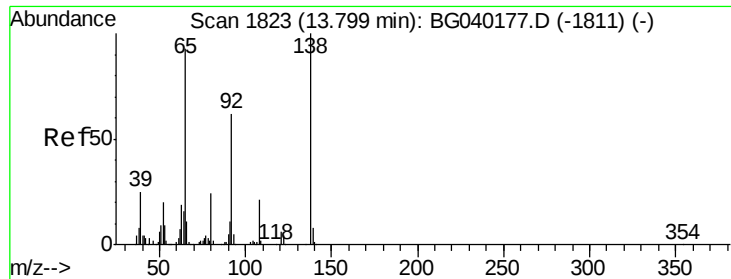
Tot Ion:154 Resp: 1132  
 Ion Ratio Lower Upper  
 154 100  
 153 41.8 22.5 62.5  
 76 0.0 0.0 33.7



#47  
 2-Chloronaphthalene  
 Concen: 0.009 ng  
 RT: 13.29 min Scan# 1737  
 Delta R.T. -0.29 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

Tgt Ion:162 Resp: 73  
 Ion Ratio Lower Upper  
 162 100  
 127 500.5 30.6 45.8#  
 164 0.0 26.2 39.4#

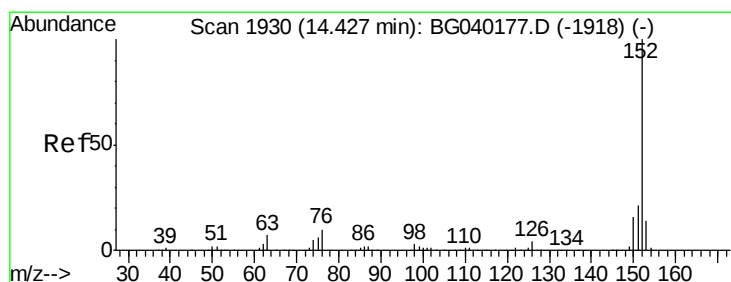
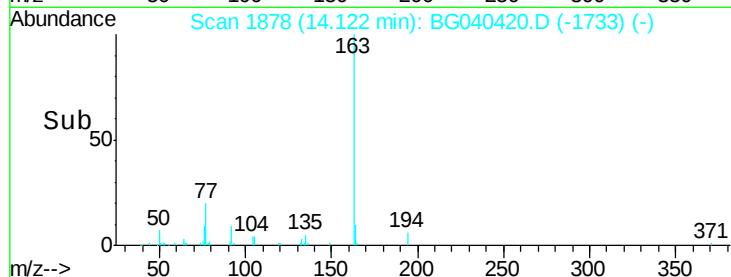
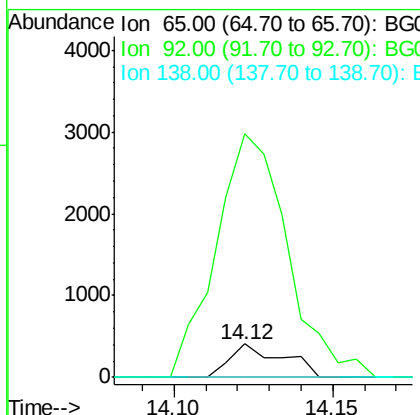
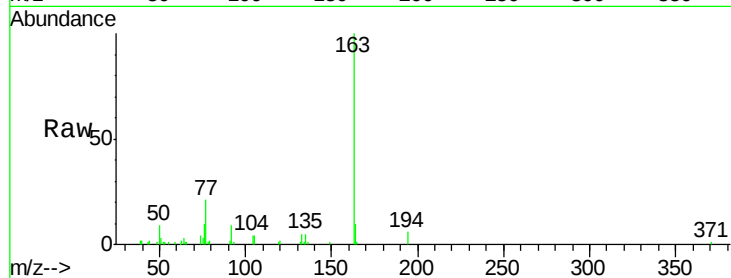




#48  
2-Nitroaniline  
Concen: 0.160 ng  
RT: 14.12 min Scan# 1878  
Delta R.T. 0.32 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

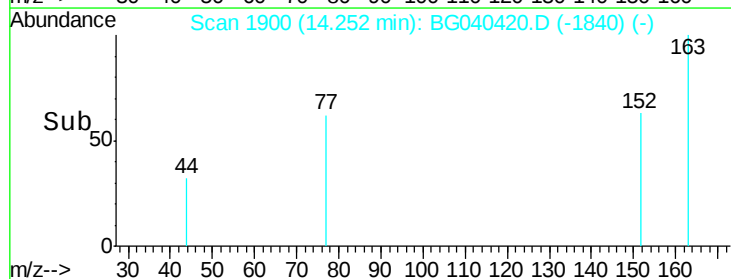
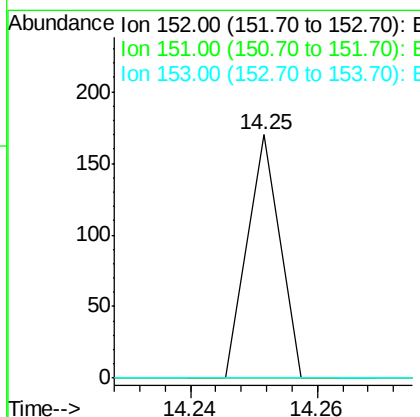
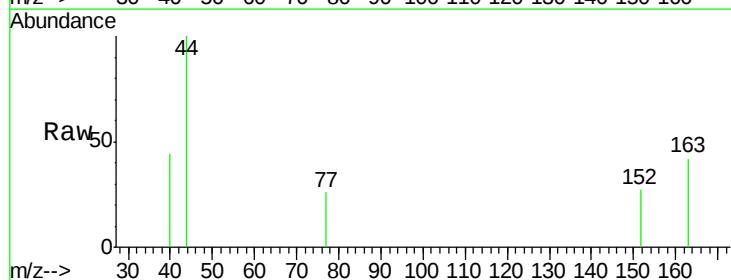
Instrument :  
BNA\_G  
ClientSampleId :

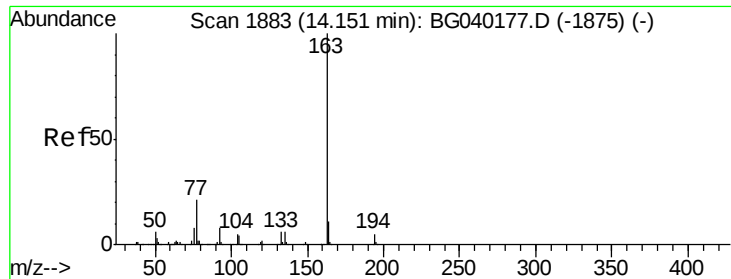
Tot Ion: 65 Resp: 463  
Ion Ratio Lower Upper  
65 100  
92 726.3 53.8 80.6#  
138 0.0 86.3 129.5#



#49  
Acenaphthylene  
Concen: 0.004 ng  
RT: 14.25 min Scan# 1900  
Delta R.T. -0.18 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

Tgt Ion: 152 Resp: 60  
Ion Ratio Lower Upper  
152 100  
151 100.0 17.0 25.6#  
153 0.0 10.8 16.2#

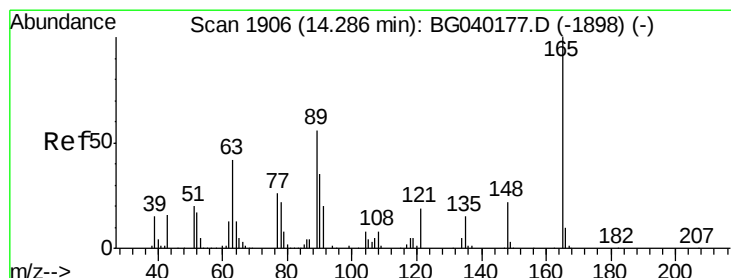
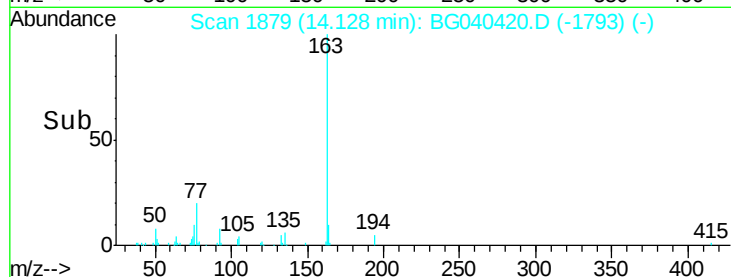
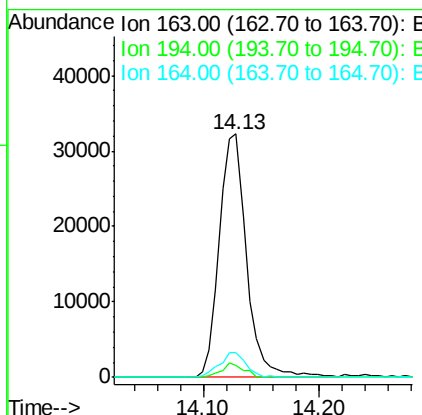
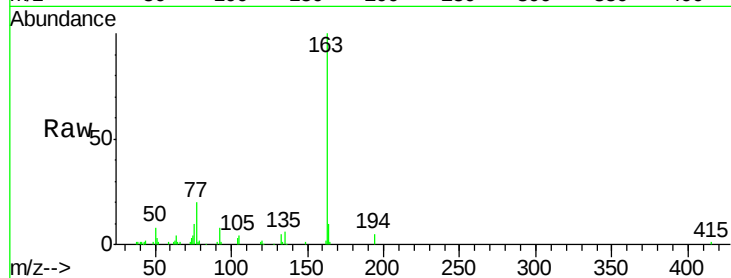




#50  
Dimethylphthalate  
Concen: 4.776 ng  
RT: 14.13 min Scan# 1879  
Delta R.T. -0.02 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

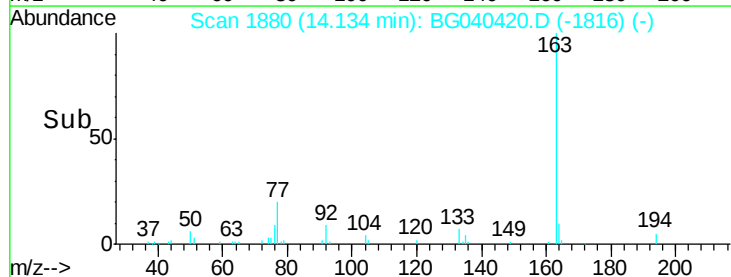
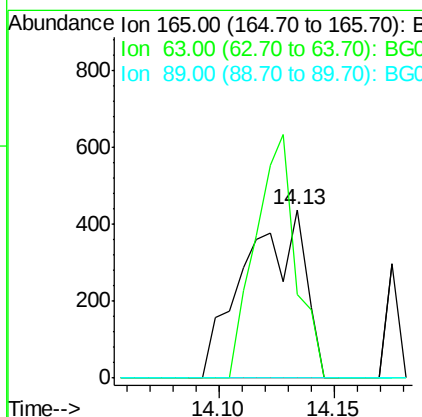
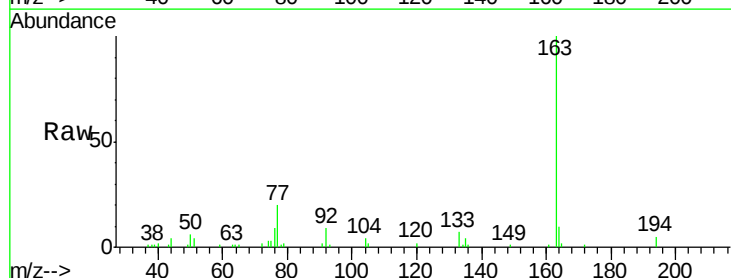
Instrument :  
BNA\_G  
ClientSampleId :

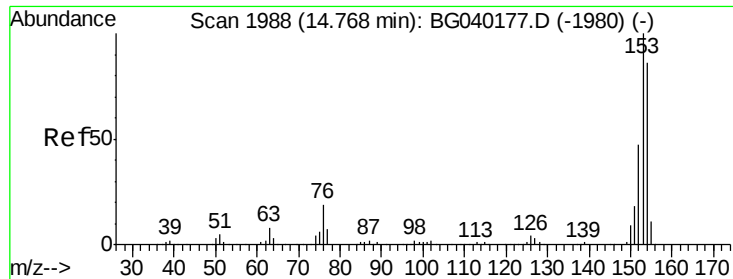
Tot Ion:163 Resp: 52922  
Ion Ratio Lower Upper  
163 100  
194 4.9 4.1 6.1  
164 10.1 8.6 13.0



#51  
2,6-Dinitrotoluene  
Concen: 0.316 ng  
RT: 14.13 min Scan# 1880  
Delta R.T. -0.15 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

Tgt Ion:165 Resp: 786  
Ion Ratio Lower Upper  
165 100  
63 49.8 44.1 66.1  
89 0.0 44.9 67.3#





#52

Acenaphthene

Concen: 0.006 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampleId :

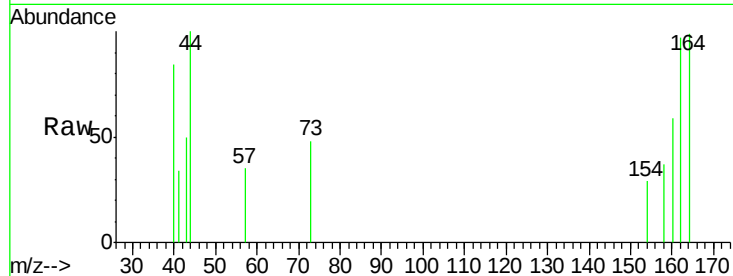
Tot Ion:154 Resp: 53

Ion Ratio Lower Upper

154 100

153 0.0 92.8 139.2#

152 0.0 43.4 65.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.74

14.72

14.74

14.76

14.78

14.80

14.82

14.84

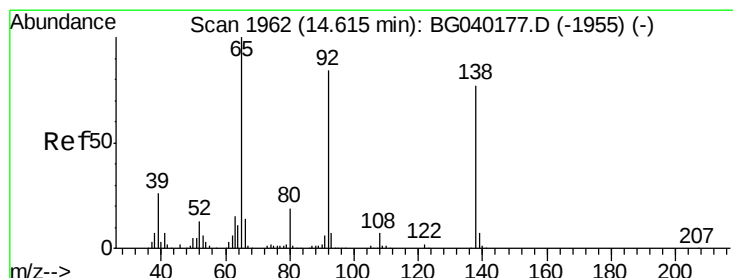
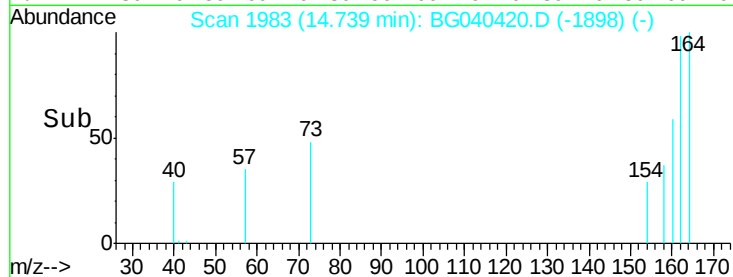
14.86

14.88

14.90

14.92

14.94



#53

3-Nitroaniline

Concen: 0.022 ng

RT: 14.92 min Scan# 2014

Delta R.T. 0.31 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

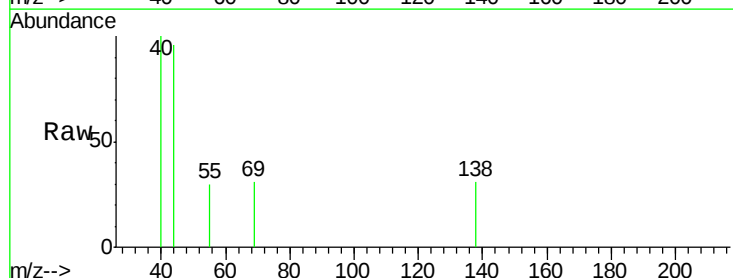
Tgt Ion:138 Resp: 59

Ion Ratio Lower Upper

138 100

108 0.0 7.8 11.8#

92 0.0 87.5 131.3#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

14.92

14.90

14.92

14.94

14.96

14.98

15.00

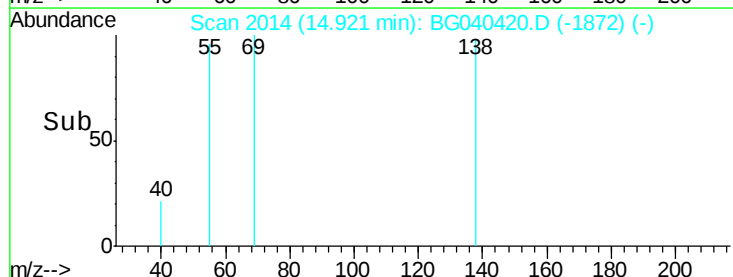
15.02

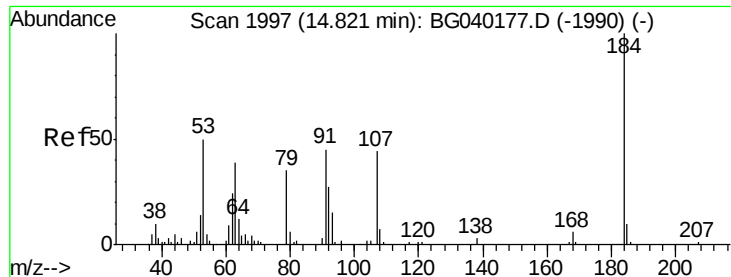
15.04

15.06

15.08

15.10

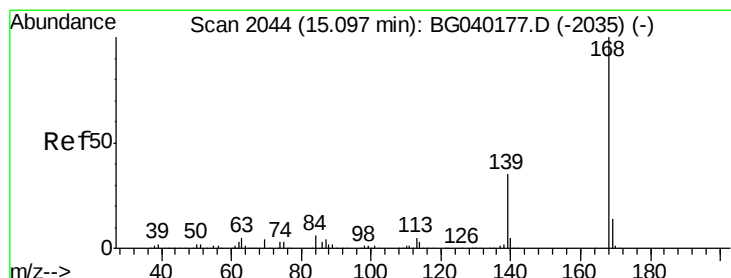
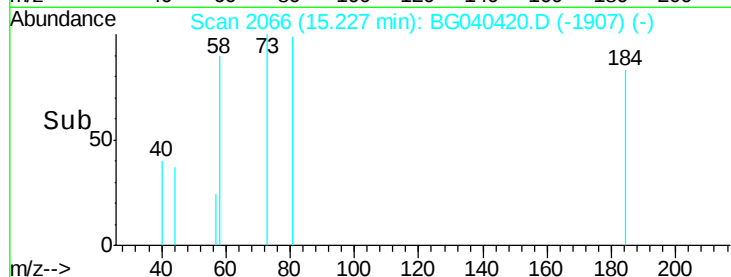
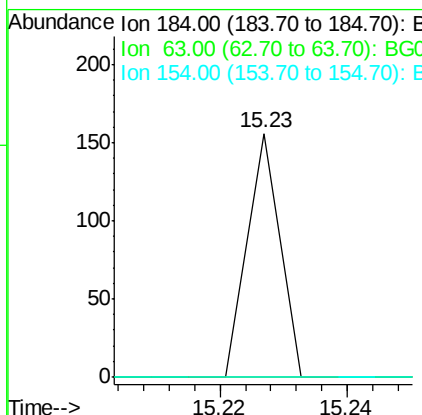
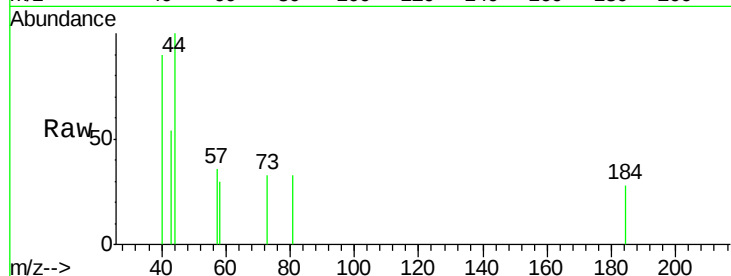




#54  
 2,4-Dinitrophenol  
 Concen: 0.042 ng  
 RT: 15.23 min Scan# 2066  
 Delta R.T. 0.41 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

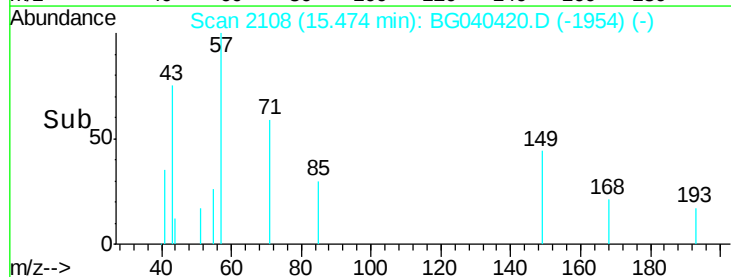
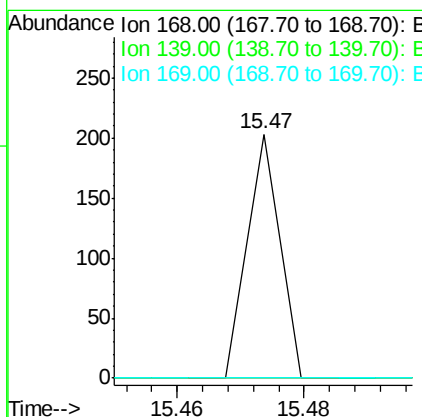
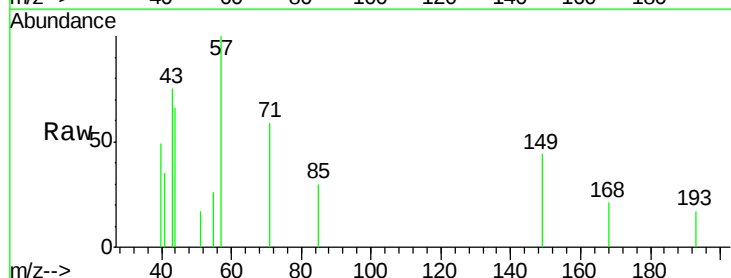
Instrument :  
 BNA\_G  
 ClientSampled :

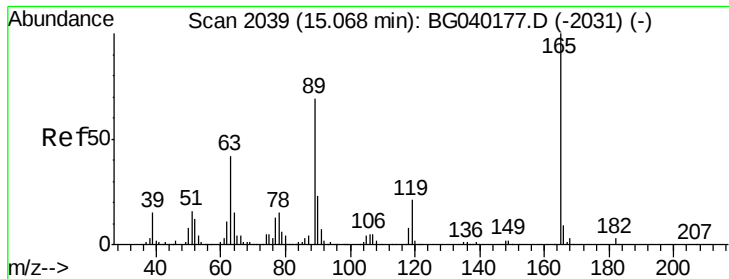
Tot Ion:184 Resp: 55  
 Ion Ratio Lower Upper  
 184 100  
 63 0.0 51.8 77.8#  
 154 0.0 50.9 76.3#



#55  
 Dibenzofuran  
 Concen: 0.005 ng  
 RT: 15.47 min Scan# 2108  
 Delta R.T. 0.38 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

Tgt Ion:168 Resp: 72  
 Ion Ratio Lower Upper  
 168 100  
 139 0.0 27.9 41.9#  
 169 0.0 11.3 16.9#





#57

2,4-Dinitrotoluene

Concen: 5.025 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.39 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:165 Resp: 17374

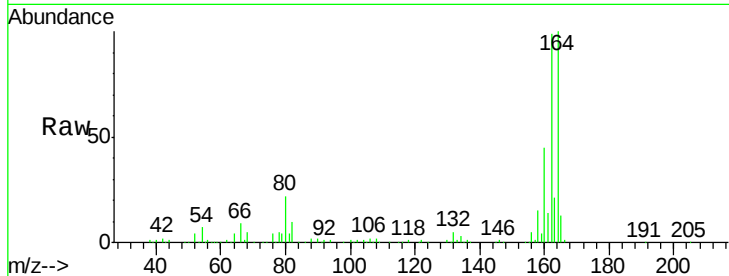
Ion Ratio Lower Upper

165 100

63 1.4 33.8 50.6#

89 0.0 55.4 83.2#

182 0.0 2.2 3.4#

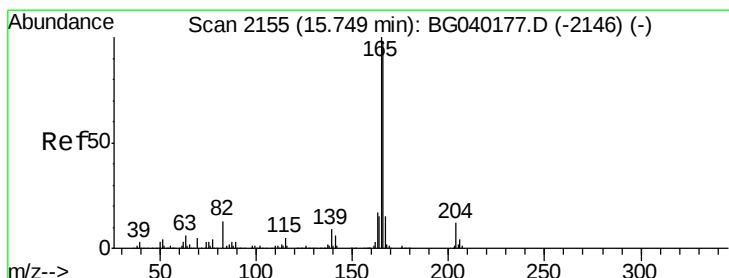
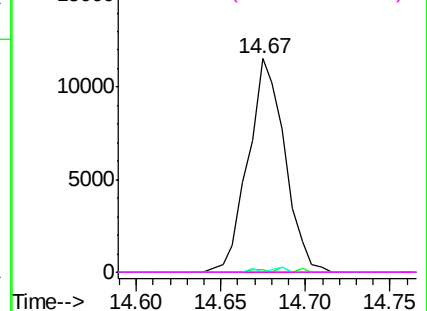
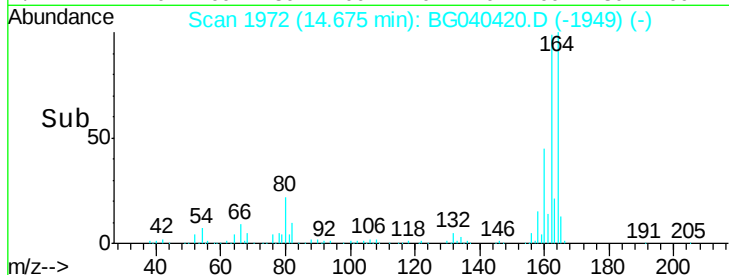


Abundance Ion 165.00 (164.70 to 165.70): E

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



#58

Fluorene

Concen: 1.023 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.42 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

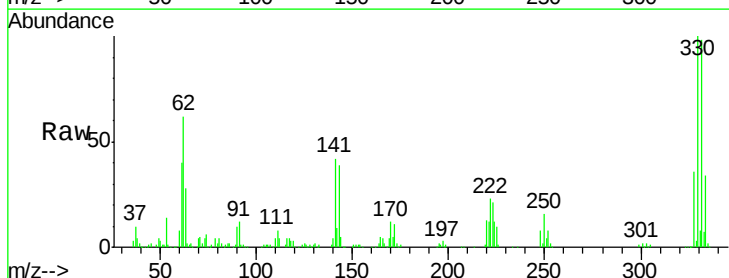
Tgt Ion:166 Resp: 10775

Ion Ratio Lower Upper

166 100

165 121.8 81.7 122.5

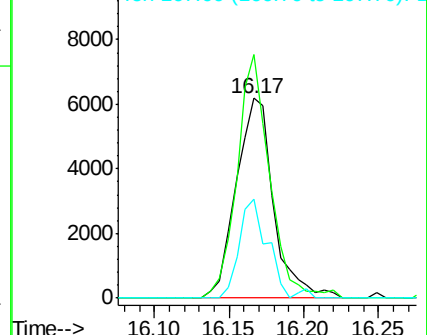
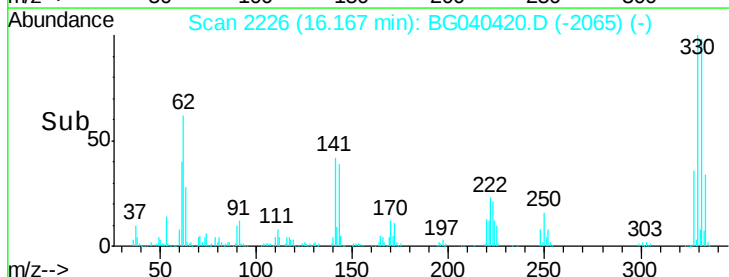
167 60.6 11.9 17.9#

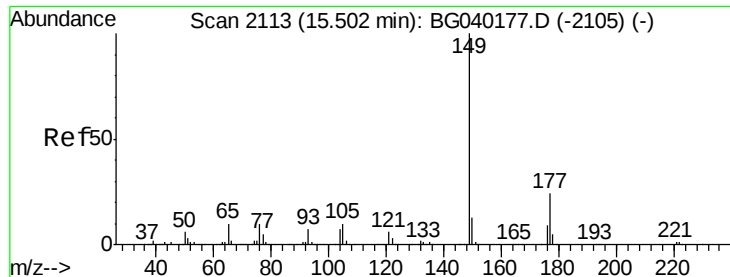


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

Diethylphthalate

Concen: 0.044 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampled :

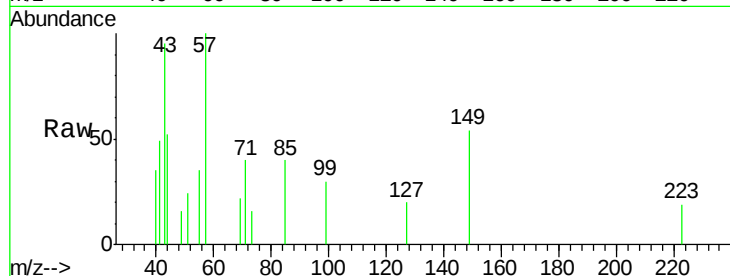
Tot Ion:149 Resp: 499

Ion Ratio Lower Upper

149 100

177 0.0 19.1 28.7#

150 0.0 10.6 15.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

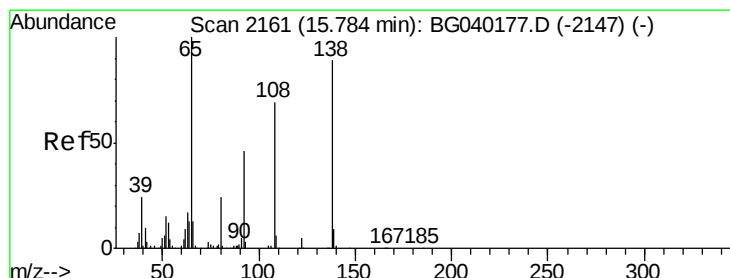
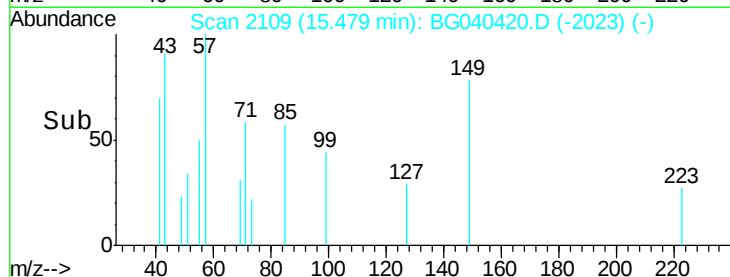
15.48

400

200

0

Time--> 15.44 15.46 15.48 15.50



#62

4-Nitroaniline

Concen: 0.023 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.38 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

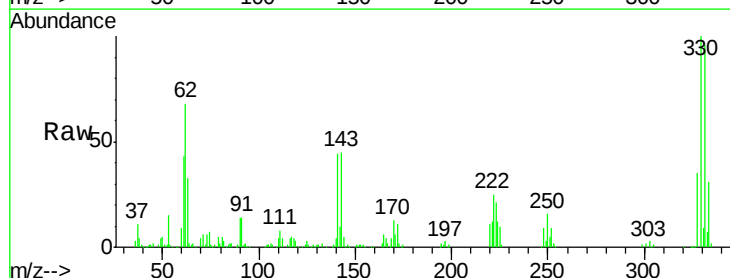
Tgt Ion:138 Resp: 65

Ion Ratio Lower Upper

138 100

92 696.2 31.8 71.8#

108 0.0 57.2 97.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

16.16

2500

2000

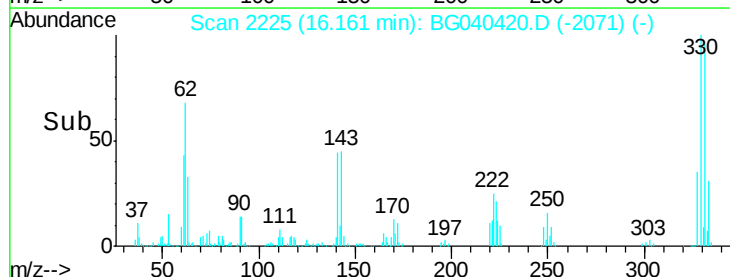
1500

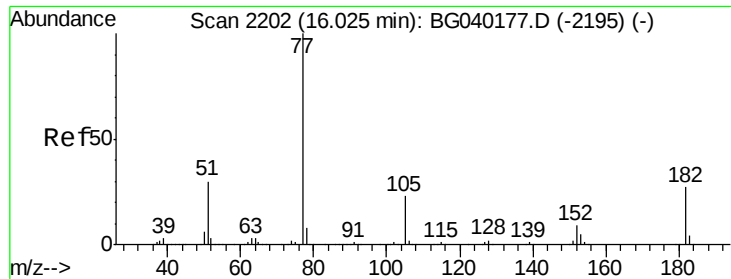
1000

500

0

Time--> 16.14 16.16 16.18

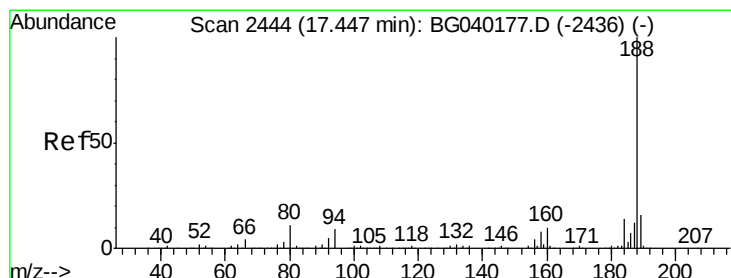
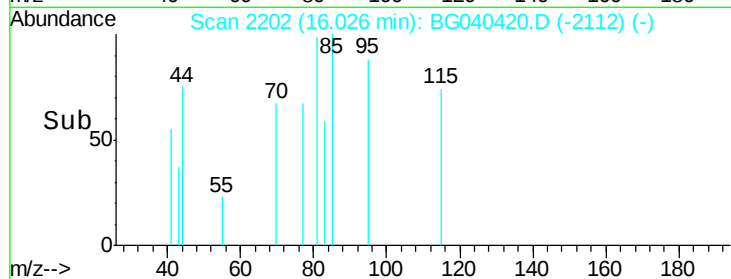
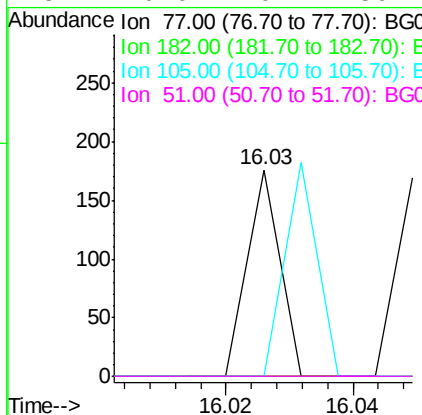
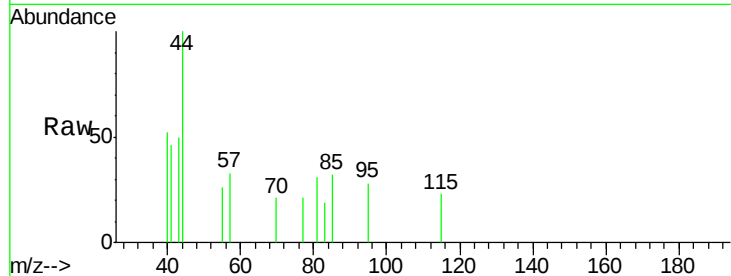




#63  
 Azobenzene  
 Concen: 0.006 ng  
 RT: 16.03 min Scan# 2202  
 Delta R.T. 0.00 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

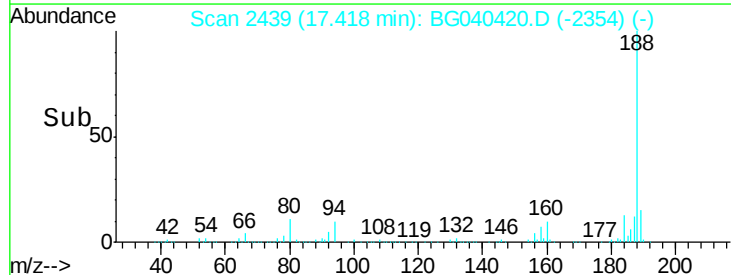
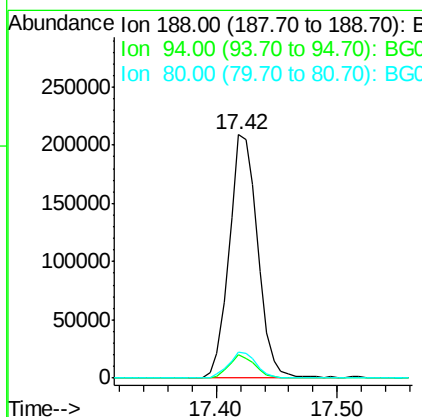
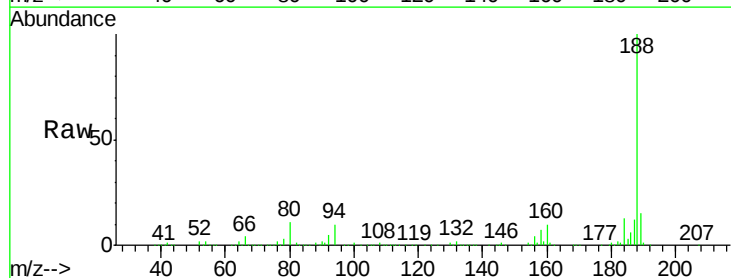
Instrument :  
 BNA\_G  
 ClientSampleId :

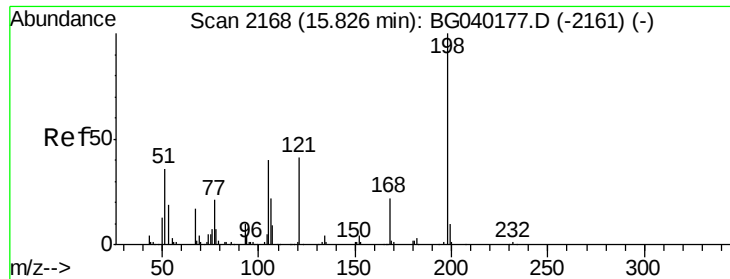
| Tot Ion: | 77    | Resp: | 62    |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 182      | 0.0   | 7.2   | 47.2# |
| 105      | 0.0   | 2.8   | 42.8# |
| 51       | 0.0   | 10.4  | 50.4# |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.42 min Scan# 2439  
 Delta R.T. -0.03 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

| Tgt Ion: | 188   | Resp: | 342901 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.6   | 7.0   | 10.4   |
| 80       | 10.7  | 8.6   | 13.0   |





#65

4,6-Dinitro-2-methylphenol

Concen: 0.370 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.34 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampleId :

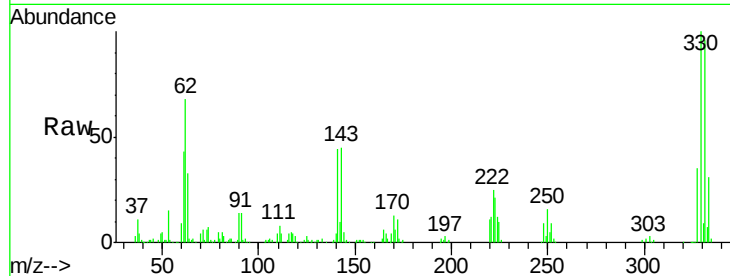
Tot Ion:198 Resp: 713

Ion Ratio Lower Upper

198 100

51 185.2 27.3 67.3#

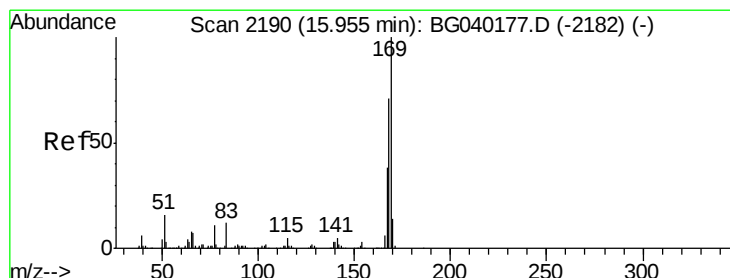
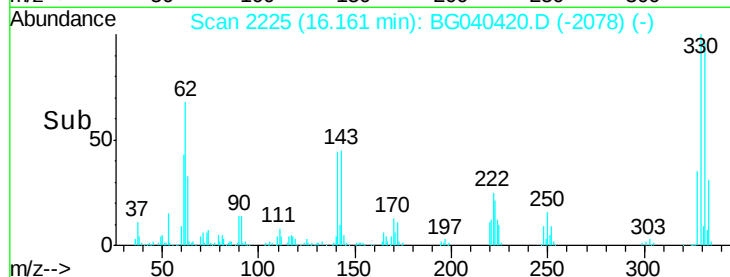
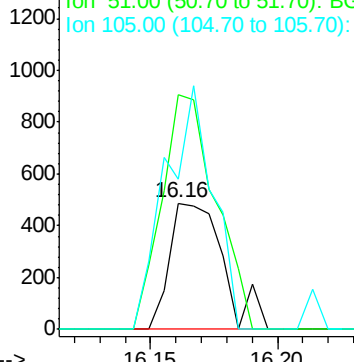
105 118.9 21.7 61.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.917 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.21 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

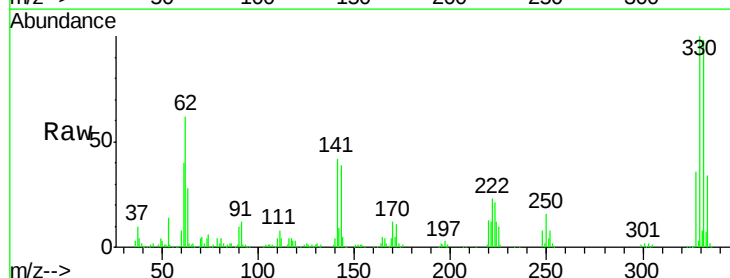
Tgt Ion:169 Resp: 9206

Ion Ratio Lower Upper

169 100

168 11.9 56.8 85.2#

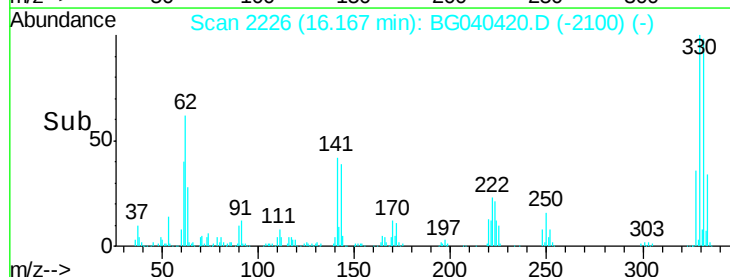
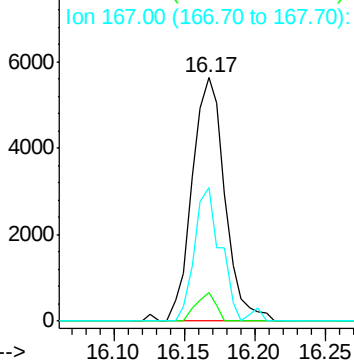
167 66.6 30.2 45.4#

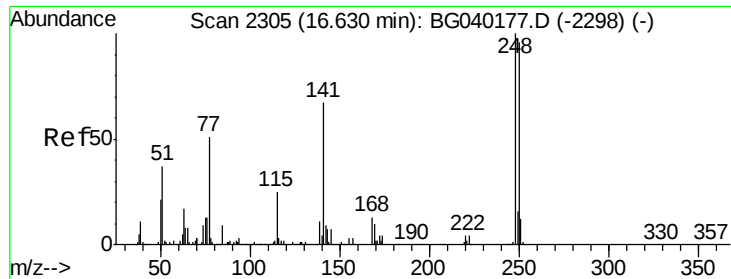


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

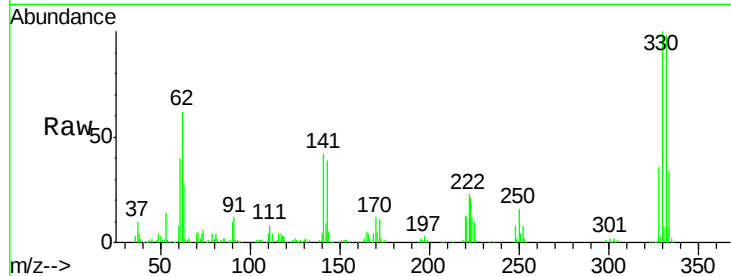




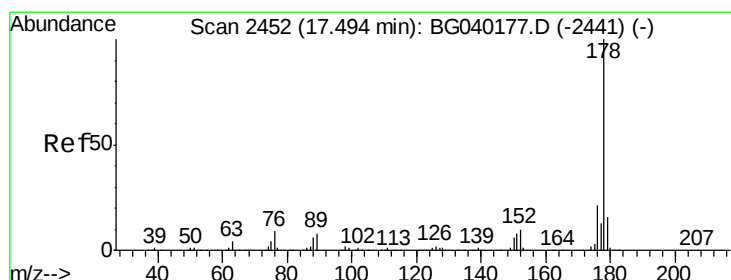
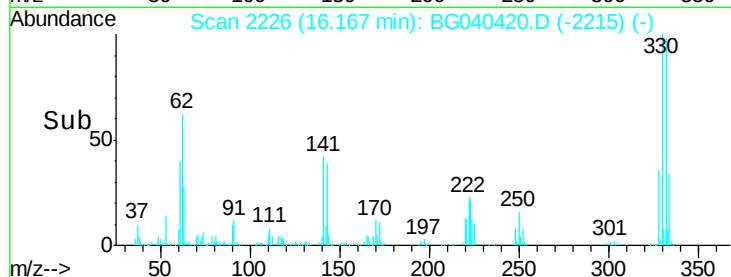
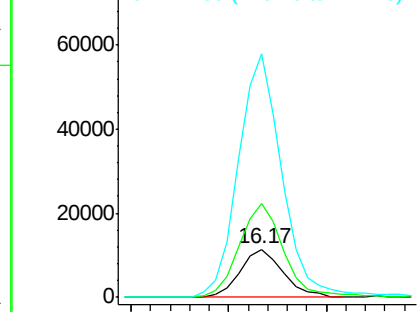
#67  
 4-Bromophenyl-phenylether  
 Concen: 4.535 ng  
 RT: 16.17 min Scan# 2226  
 Delta R.T. -0.46 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:248 Resp: 17498  
 Ion Ratio Lower Upper  
 248 100  
 250 194.3 76.4 114.6#  
 141 503.6 53.8 80.8#

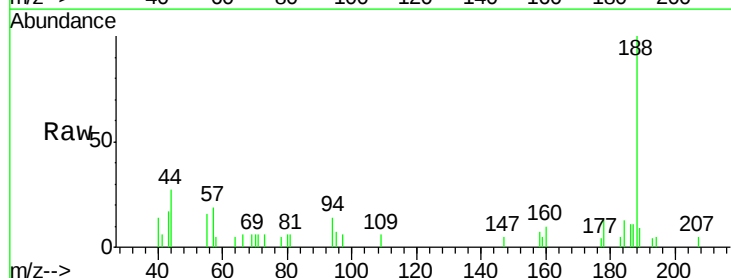


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

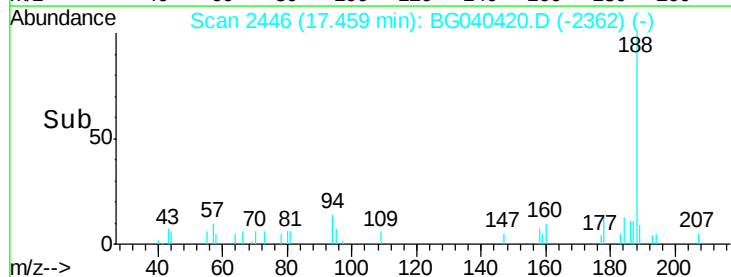
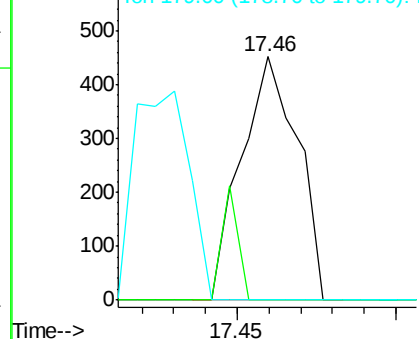


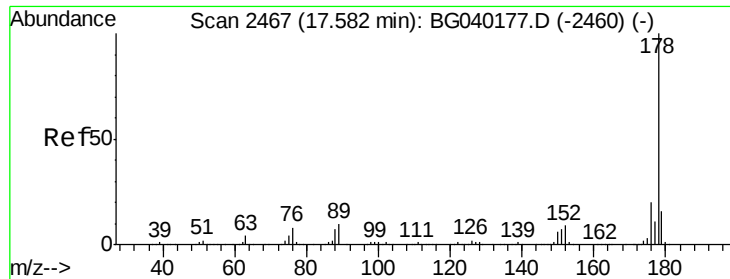
#71  
 Phenanthrene  
 Concen: 0.031 ng  
 RT: 17.46 min Scan# 2446  
 Delta R.T. -0.03 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

Tgt Ion:178 Resp: 554  
 Ion Ratio Lower Upper  
 178 100  
 176 0.0 16.7 25.1#  
 179 0.0 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.003 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.03 min

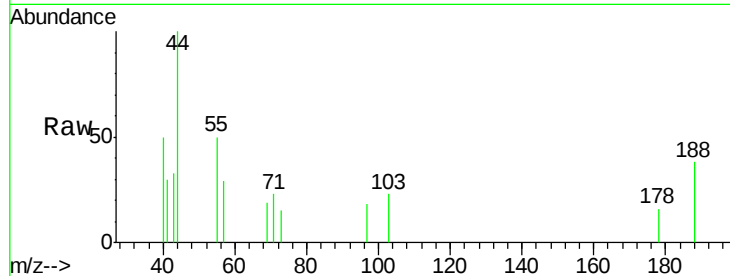
Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampled :



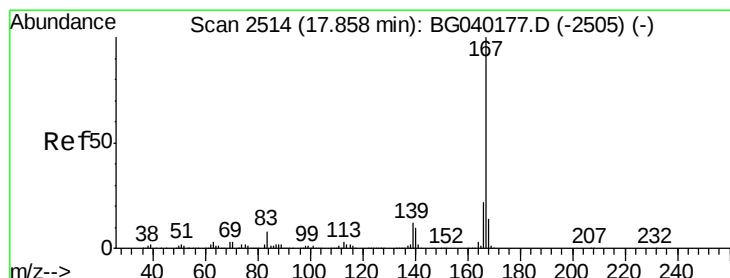
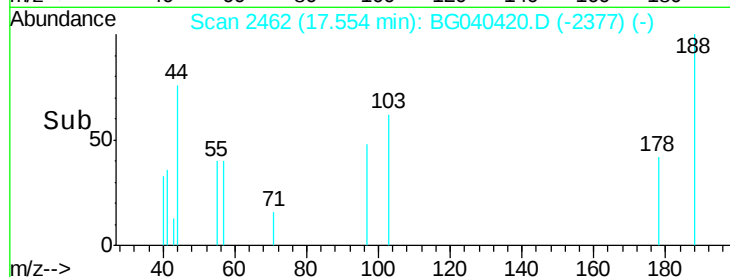
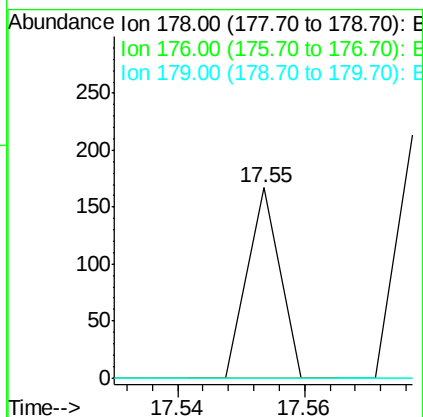
Tot Ion:178 Resp: 59

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

179 0.0 12.9 19.3#



#73

Carbazole

Concen: 0.004 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.15 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

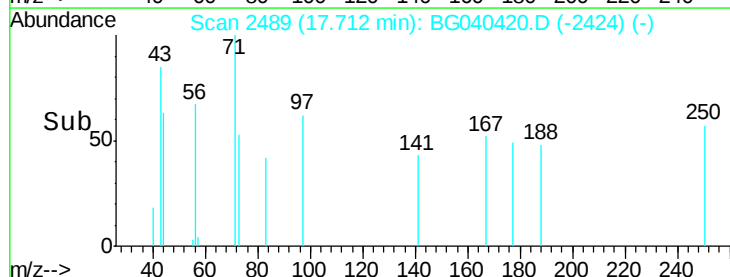
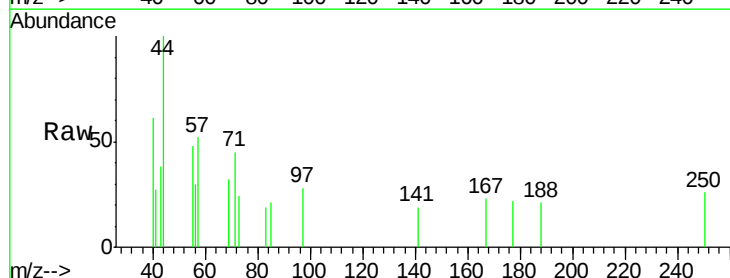
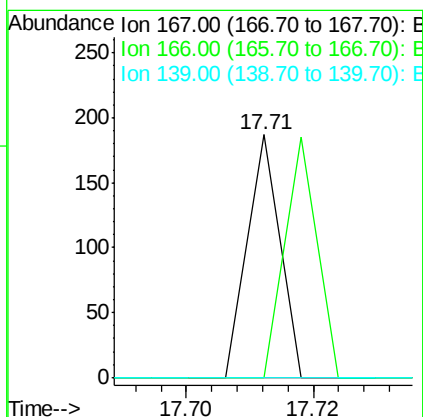
Tgt Ion:167 Resp: 66

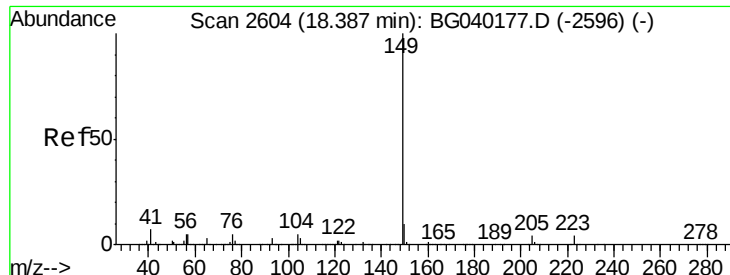
Ion Ratio Lower Upper

167 100

166 0.0 17.5 26.3#

139 0.0 10.0 15.0#

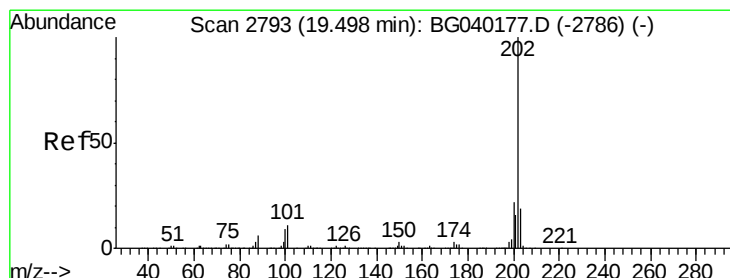
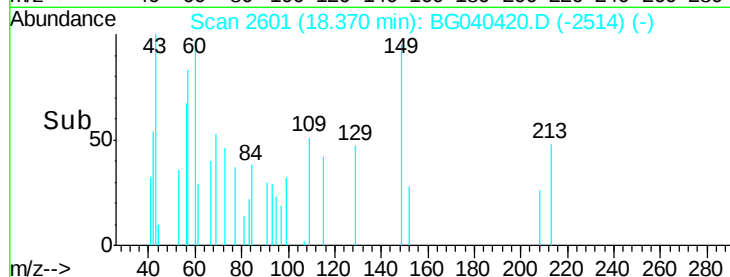
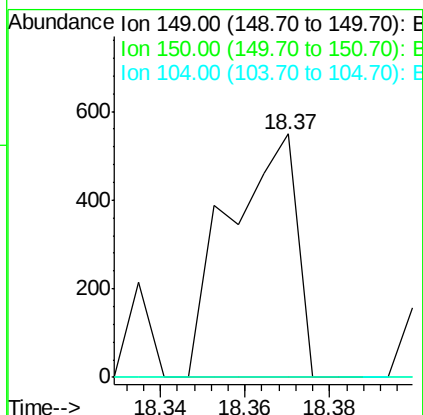
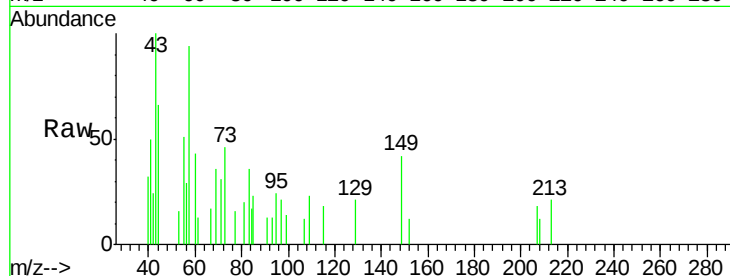




#74  
Di-n-butylphthalate  
Concen: 0.030 ng  
RT: 18.37 min Scan# 2601  
Delta R.T. -0.02 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

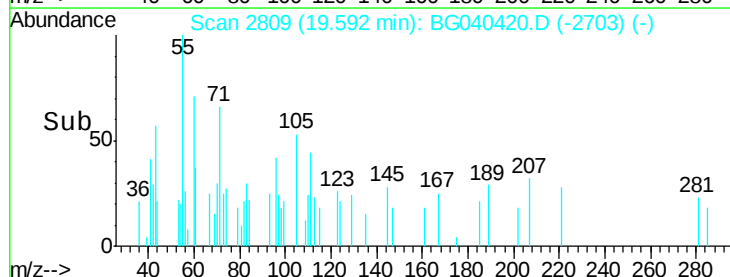
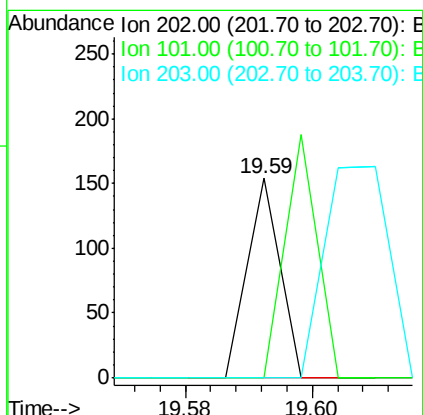
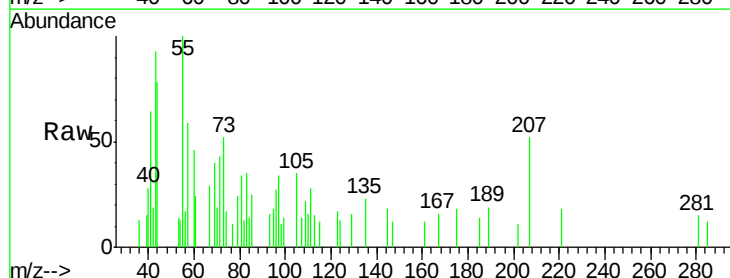
Instrument :  
BNA\_G  
ClientSampleId :

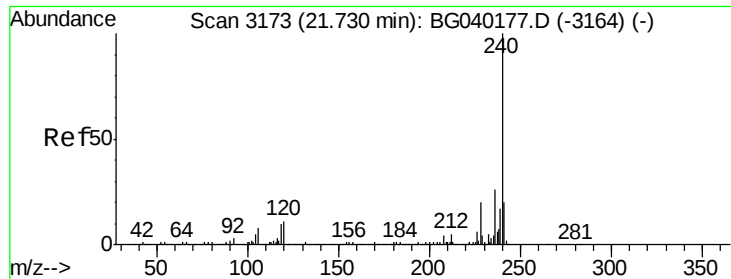
Tot Ion:149 Resp: 614  
Ion Ratio Lower Upper  
149 100  
150 0.0 7.9 11.9#  
104 0.0 4.1 6.1#



#75  
Fluoranthene  
Concen: 0.003 ng  
RT: 19.59 min Scan# 2809  
Delta R.T. 0.09 min  
Lab File: BG040420.D  
Acq: 10 Apr 2019 18:20

Tgt Ion:202 Resp: 54  
Ion Ratio Lower Upper  
202 100  
101 0.0 0.0 30.8  
203 0.0 0.0 38.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampled :

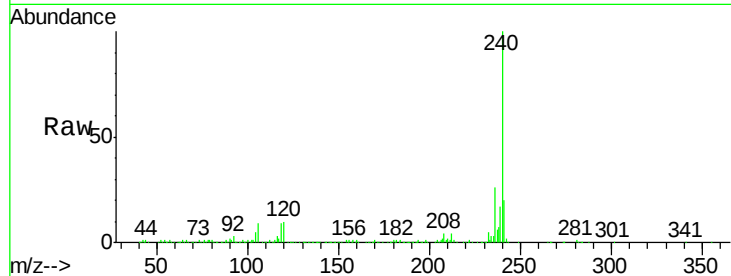
Tot Ion:240 Resp: 359259

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

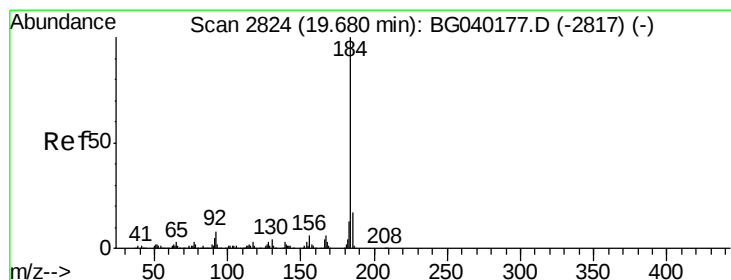
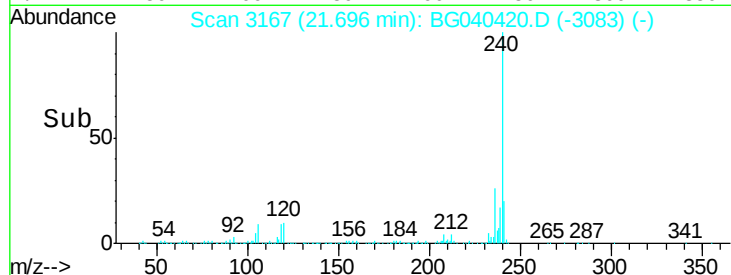
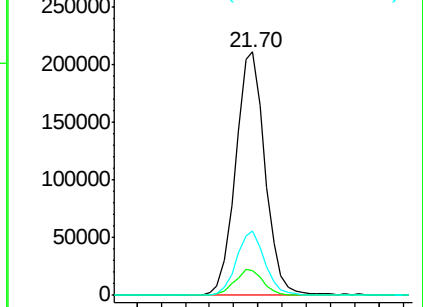
236 26.3 20.8 31.2



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: 1.742 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.34 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

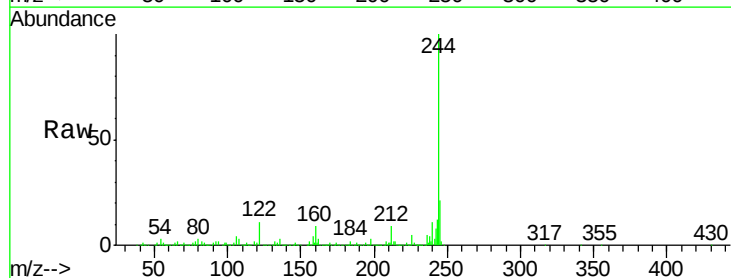
Tgt Ion:184 Resp: 22601

Ion Ratio Lower Upper

184 100

185 16.0 13.3 19.9

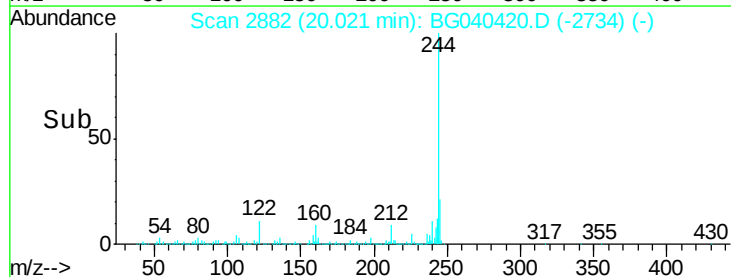
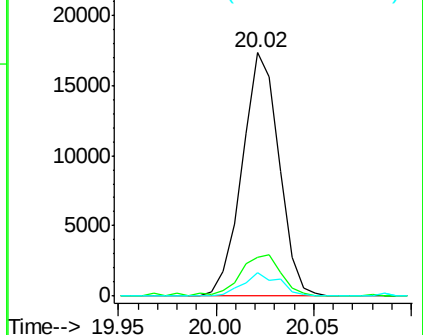
183 9.8 10.3 15.5#

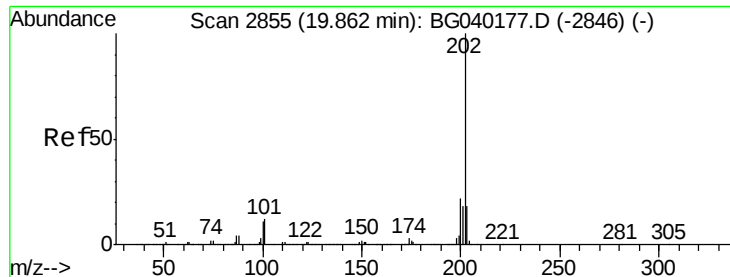


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 0.009 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampled :

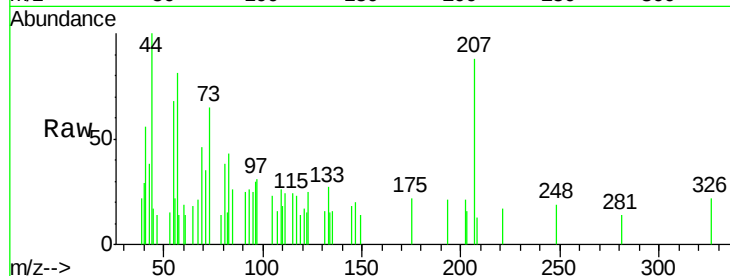
Tot Ion:202 Resp: 216

Ion Ratio Lower Upper

202 100

200 0.0 17.3 25.9#

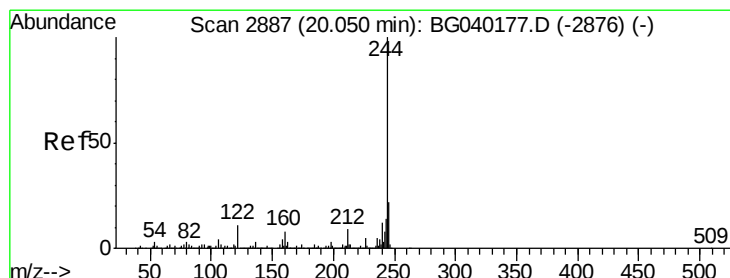
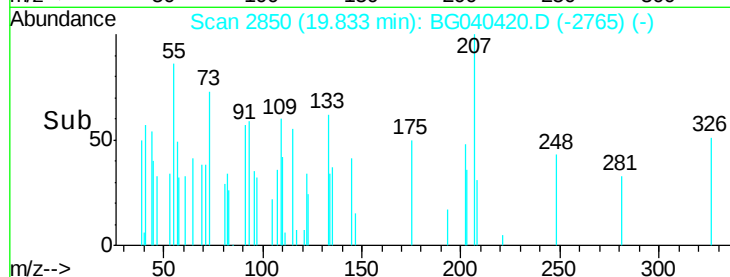
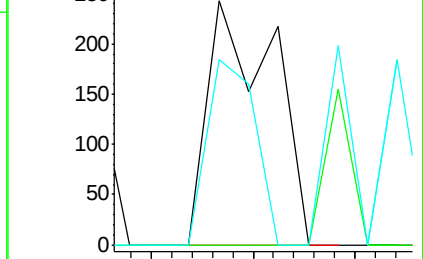
203 76.1 14.6 22.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 84.703 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

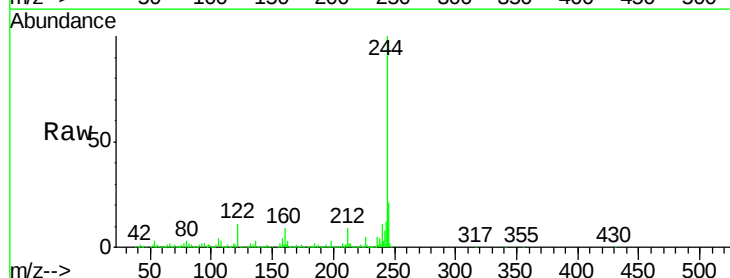
Tgt Ion:244 Resp: 1352668

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

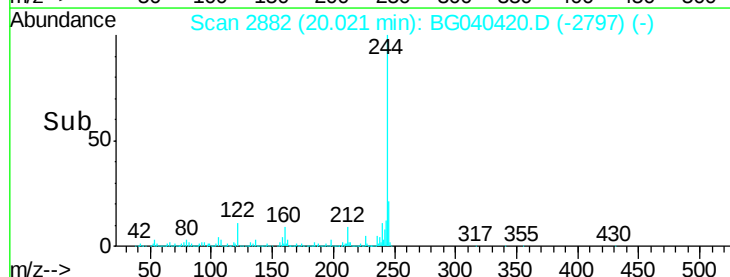
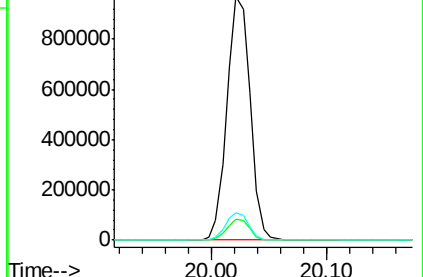
122 11.5 8.5 12.7

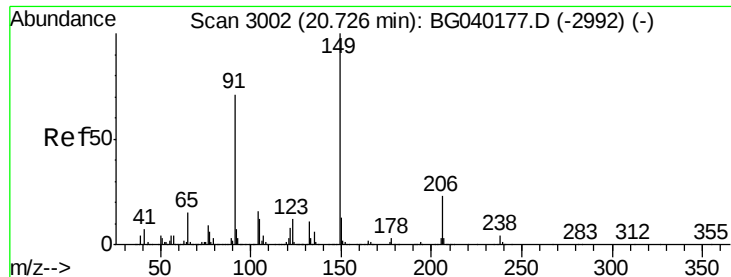


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

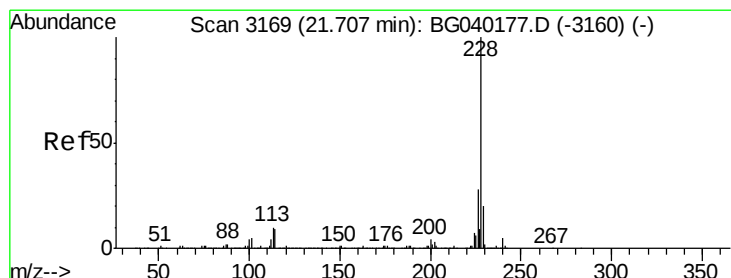
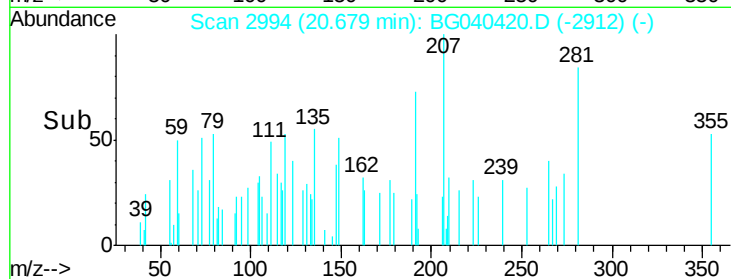
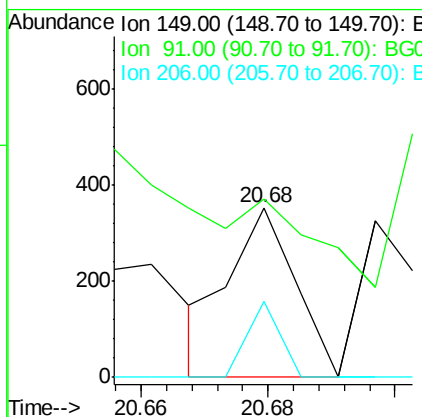
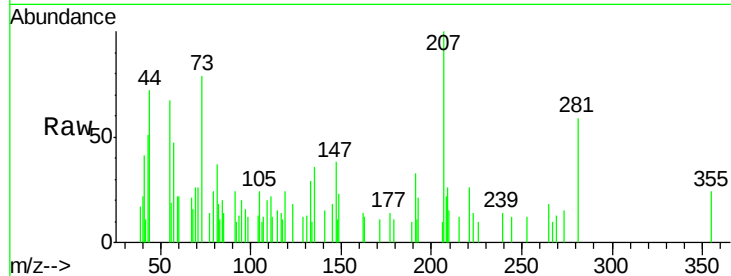




#80  
 Butylbenzylphthalate  
 Concen: 0.025 ng  
 RT: 20.68 min Scan# 2994  
 Delta R.T. -0.05 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

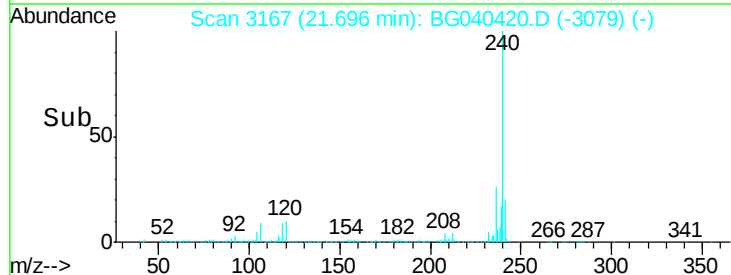
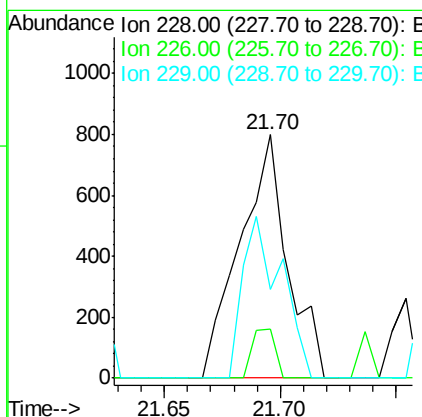
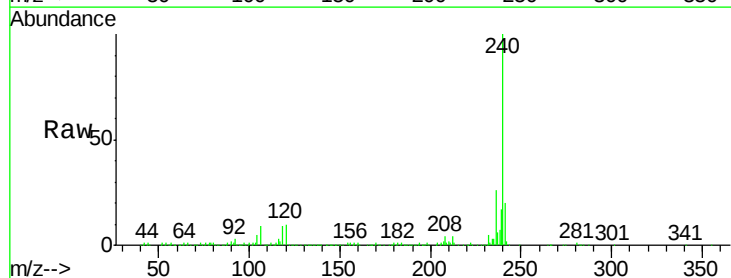
Instrument :  
 BNA\_G  
 ClientSampled :

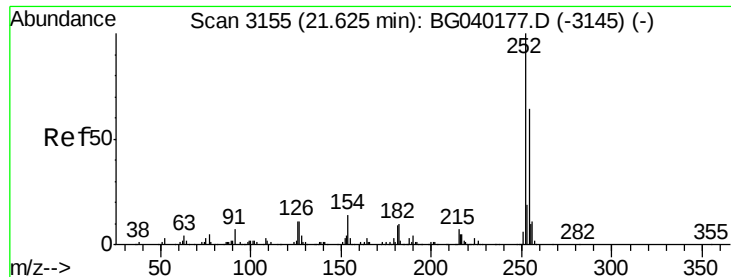
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 149   | Resp: | 251   |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 91       | 105.4 | 57.0  | 85.4# |
| 206      | 45.2  | 18.2  | 27.4# |



#81  
 Benzo(a)anthracene  
 Concen: 0.052 ng  
 RT: 21.70 min Scan# 3167  
 Delta R.T. -0.01 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 1149  |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 20.0  | 22.6  | 34.0# |
| 229      | 36.4  | 16.1  | 24.1# |





#82

3,3'-Dichlorobenzidine

Concen: 0.006 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.08 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampleId :

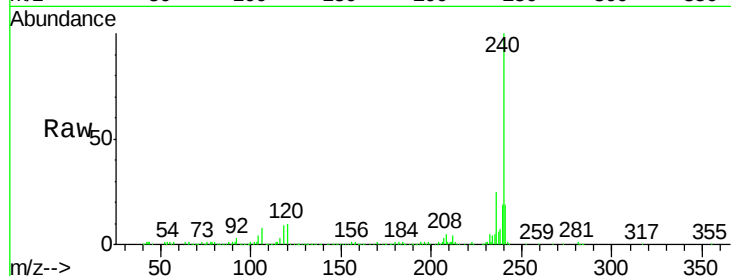
Tot Ion:252 Resp: 53

Ion Ratio Lower Upper

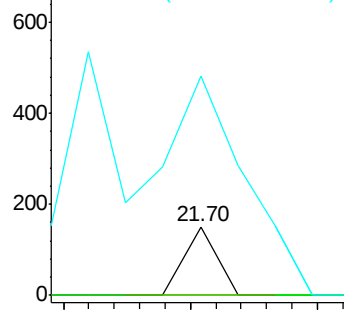
252 100

254 0.0 51.4 77.2#

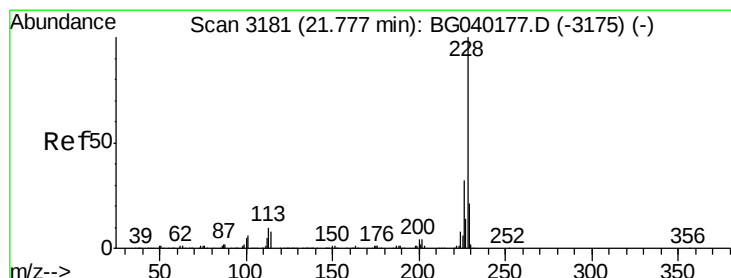
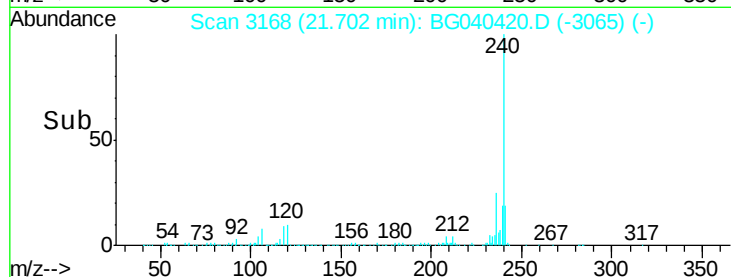
126 321.3 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 0.007 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.02 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

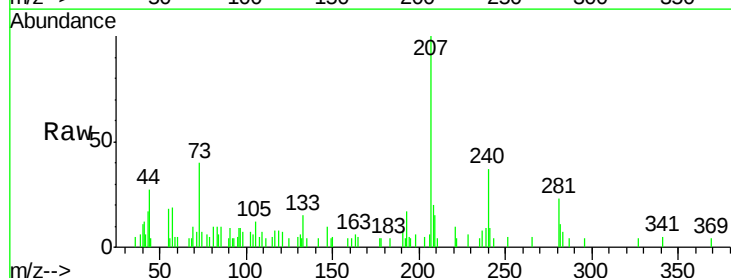
Tgt Ion:228 Resp: 146

Ion Ratio Lower Upper

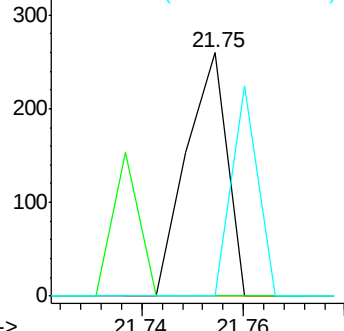
228 100

226 0.0 25.4 38.0#

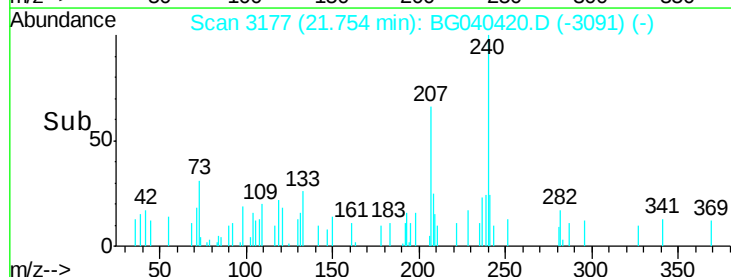
229 0.0 17.0 25.4#

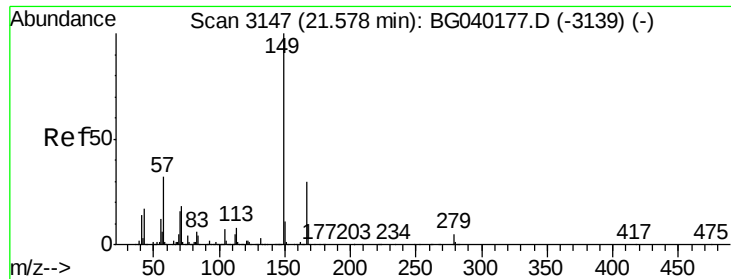


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.177 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampleId :

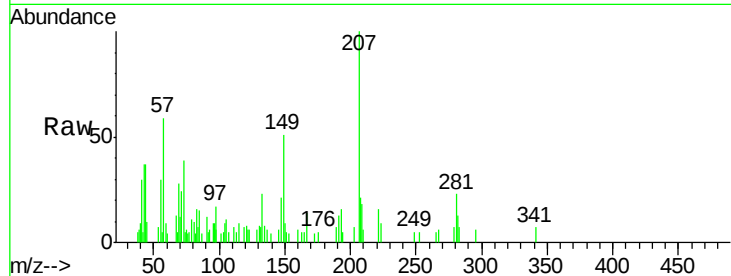
Tot Ion:149 Resp: 2565

Ion Ratio Lower Upper

149 100

167 27.9 24.1 36.1

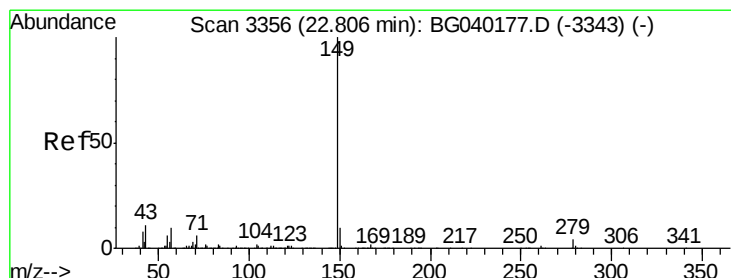
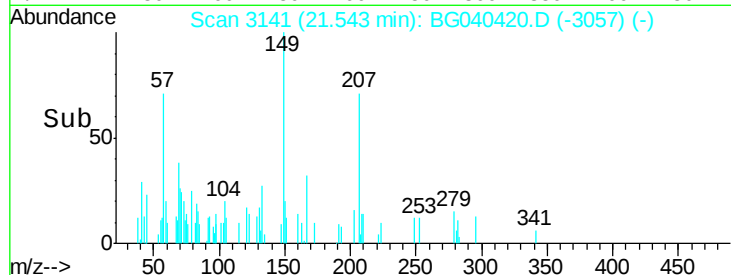
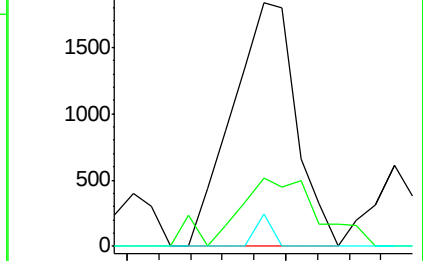
279 13.2 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.020 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.03 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

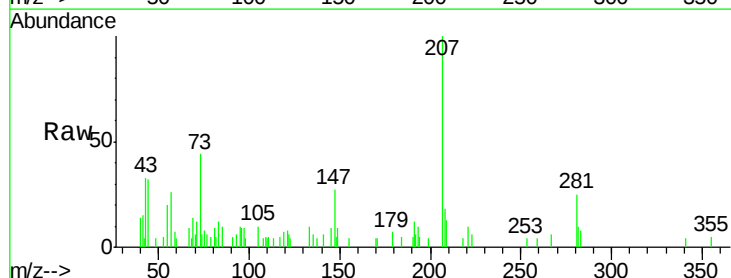
Tgt Ion:149 Resp: 501

Ion Ratio Lower Upper

149 100

167 16.2 1.4 2.0#

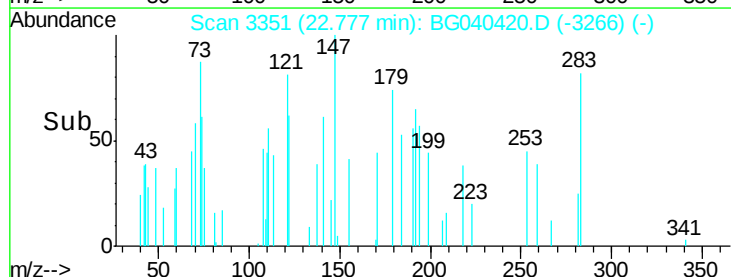
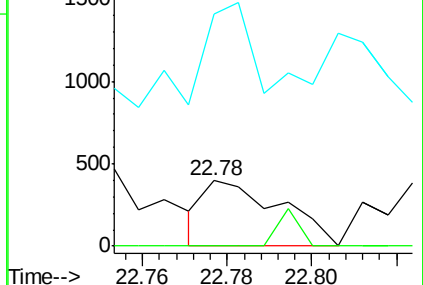
43 0.0 8.7 13.1#

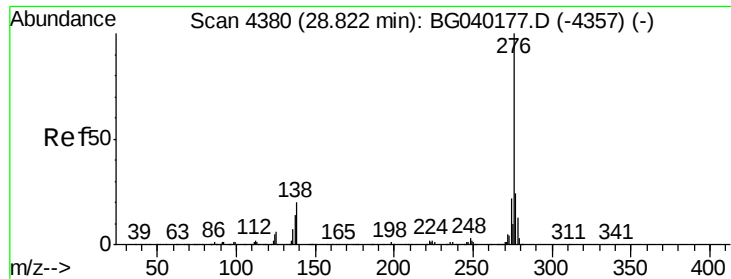


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

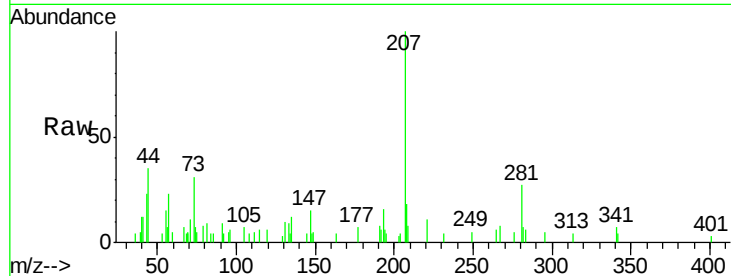




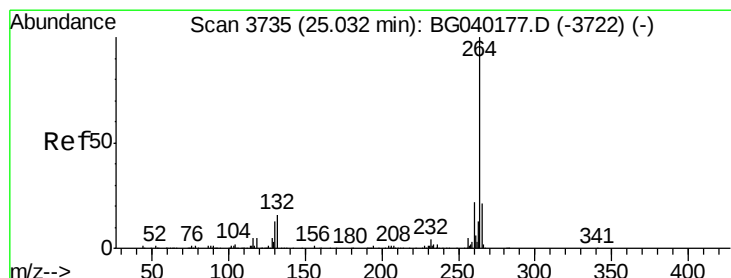
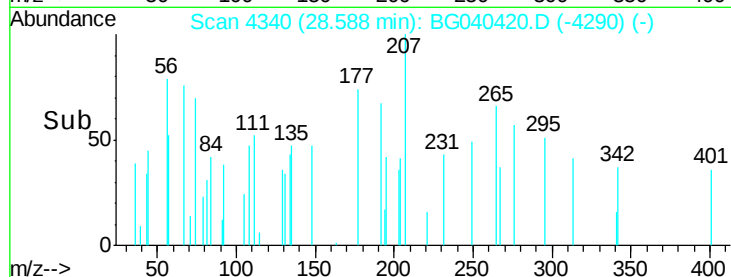
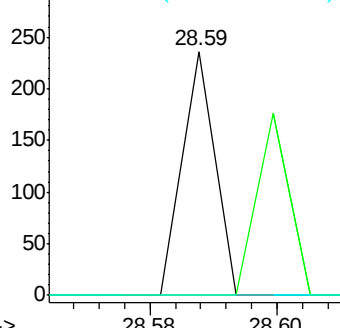
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.003 ng  
 RT: 28.59 min Scan# 4340  
 Delta R.T. -0.23 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:276 Resp: 83  
 Ion Ratio Lower Upper  
 276 100  
 138 74.7 18.8 28.2#  
 277 0.0 21.0 31.4#

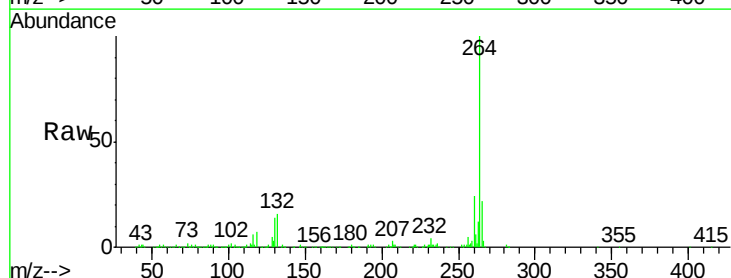


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

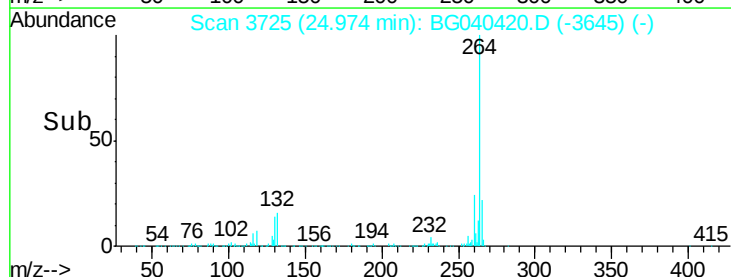
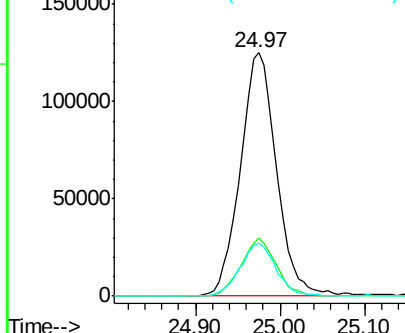


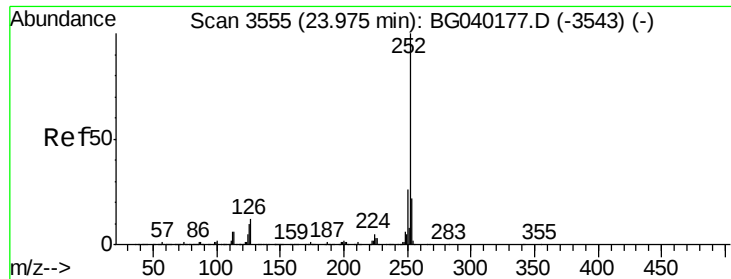
#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.97 min Scan# 3725  
 Delta R.T. -0.06 min  
 Lab File: BG040420.D  
 Acq: 10 Apr 2019 18:20

Tgt Ion:264 Resp: 371474  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 17.9 26.9  
 265 21.9 16.8 25.2



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





#88

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.03 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampleId :

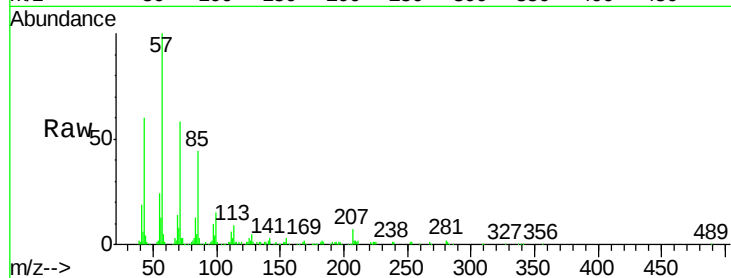
Tot Ion:252 Resp: 549

Ion Ratio Lower Upper

252 100

253 60.6 17.6 26.4#

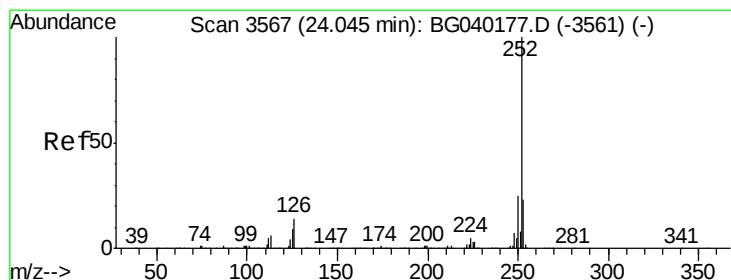
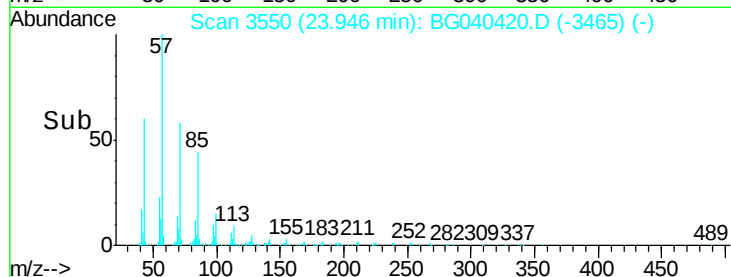
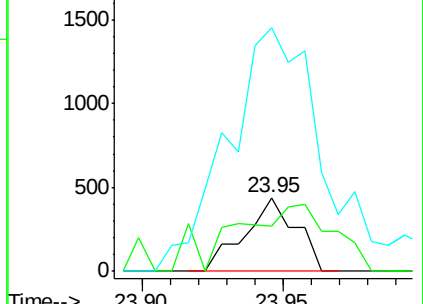
125 330.5 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 24.02 min Scan# 3562

Delta R.T. -0.03 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

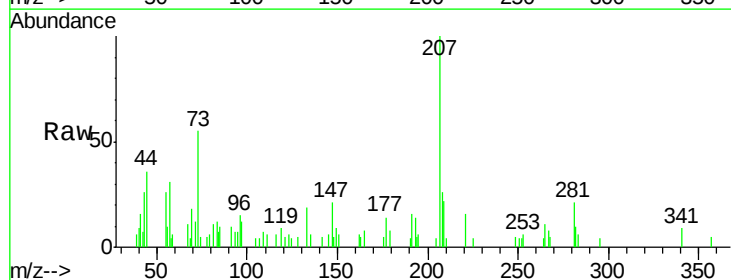
Tgt Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

253 143.6 18.6 28.0#

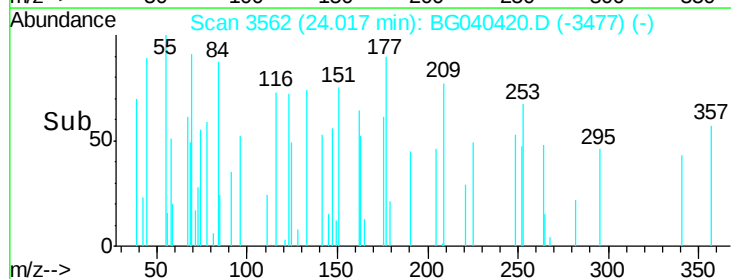
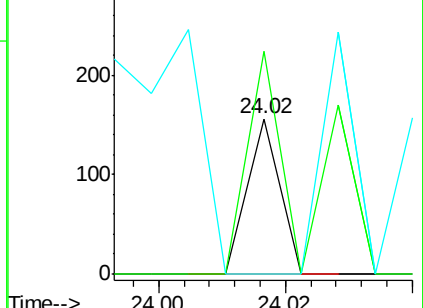
125 0.0 7.3 10.9#

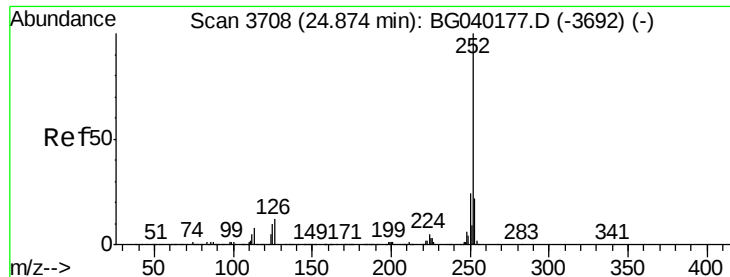


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.009 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.06 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

Instrument :

BNA\_G

ClientSampleId :

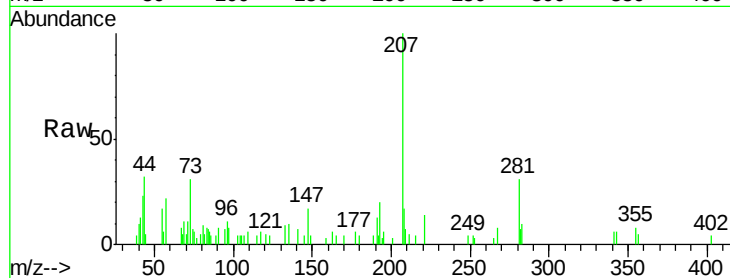
Tot Ion:252 Resp: 193

Ion Ratio Lower Upper

252 100

253 79.0 17.8 26.8#

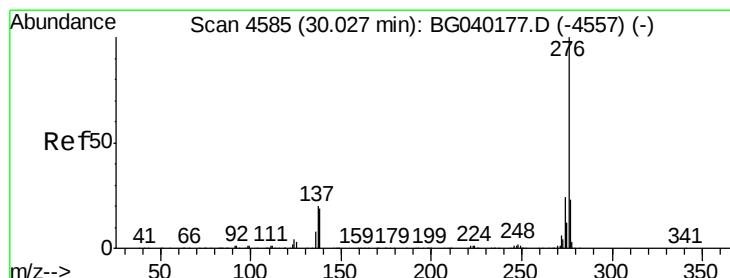
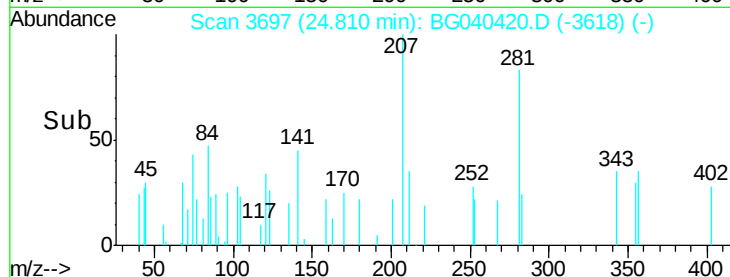
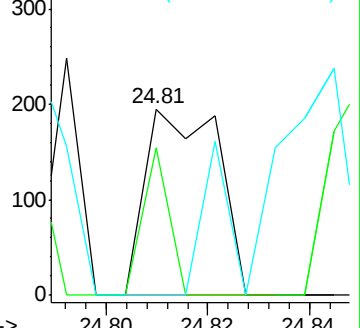
125 0.0 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.006 ng

RT: 29.94 min Scan# 4570

Delta R.T. -0.09 min

Lab File: BG040420.D

Acq: 10 Apr 2019 18:20

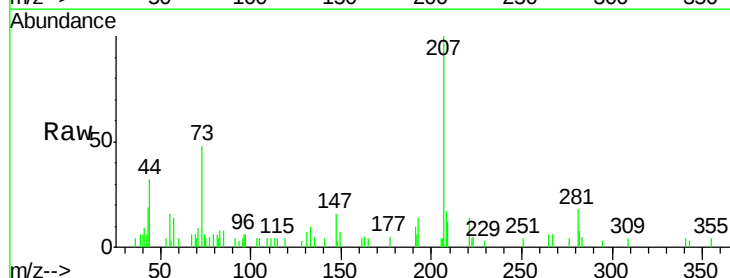
Tgt Ion:276 Resp: 132

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 15.2 22.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

