

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG051119\  
 Data File : BG040874.D  
 Acq On : 11 May 2019 15:25  
 Operator : HP/JU  
 Sample : PB119647BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119647BS

Quant Time: May 12 04:56:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.13  | 152  | 56967    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.95 | 136  | 229301   | 20.00 | ng    | -0.03    |
| 39) Acenaphthene-d10      | 14.77 | 164  | 172219   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.51 | 188  | 439702   | 20.00 | ng    | -0.03    |
| 76) Chrysene-d12          | 21.79 | 240  | 453795   | 20.00 | ng    | -0.03    |
| 87) Perylene-d12          | 25.14 | 264  | 421066   | 20.00 | ng    | -0.07    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.67  | 112 | 472325  | 146.15 | ng | -0.02 |
| 7) Phenol-d6             | 7.28  | 99  | 675196  | 135.69 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.31  | 82  | 398514  | 80.30  | ng | -0.03 |
| 42) 2,4,6-Tribromophenol | 16.25 | 330 | 372707  | 157.45 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 13.39 | 172 | 915695  | 76.79  | ng | -0.03 |
| 79) Terphenyl-d14        | 20.10 | 244 | 1701415 | 83.06  | ng | -0.03 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 46757  | 31.814 | ng | 94     |
| 3) Pyridine                    | 3.94  | 79  | 118105 | 27.724 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.86  | 42  | 77031  | 32.600 | ng | 94     |
| 6) Aniline                     | 7.45  | 93  | 192924 | 29.252 | ng | 99     |
| 8) 2-Chlorophenol              | 7.69  | 128 | 152459 | 38.636 | ng | 99     |
| 9) Benzaldehyde                | 7.27  | 77  | 82243  | 24.227 | ng | 99     |
| 10) Phenol                     | 7.31  | 94  | 213261 | 39.871 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.55  | 93  | 139083 | 34.676 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 8.02  | 146 | 156126 | 36.249 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.17  | 146 | 159636 | 36.562 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.49  | 146 | 152611 | 36.244 | ng | 91     |
| 15) Benzyl Alcohol             | 8.37  | 79  | 181083 | 34.975 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65  | 45  | 231356 | 28.972 | ng | 96     |
| 17) 2-Methylphenol             | 8.56  | 107 | 146781 | 38.777 | ng | 96     |
| 18) Hexachloroethane           | 9.22  | 117 | 59616  | 33.286 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.94  | 70  | 139854 | 31.223 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.89  | 107 | 203798 | 38.648 | ng | 100    |
| 22) Acetophenone               | 8.96  | 105 | 253489 | 39.755 | ng | # 95   |
| 24) Nitrobenzene               | 9.36  | 77  | 214012 | 40.419 | ng | 95     |
| 25) Isophorone                 | 9.87  | 82  | 406457 | 36.770 | ng | 99     |
| 26) 2-Nitrophenol              | 10.07 | 139 | 91471  | 48.195 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 10.11 | 122 | 168701 | 47.374 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.35 | 93  | 209864 | 37.840 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.59 | 162 | 184519 | 45.578 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.81 | 180 | 191403 | 42.633 | ng | 99     |
| 31) Naphthalene                | 11.01 | 128 | 481474 | 39.523 | ng | 99     |
| 32) Benzoic acid               | 10.24 | 122 | 111367 | 45.683 | ng | 97     |
| 33) 4-Chloroaniline            | 11.12 | 127 | 134921 | 24.980 | ng | 94     |
| 34) Hexachlorobutadiene        | 11.27 | 225 | 138311 | 41.730 | ng | 99     |
| 35) Caprolactam                | 11.91 | 113 | 32456  | 20.306 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 12.21 | 107 | 214052 | 41.912 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.60 | 142 | 372678 | 40.917 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.82 | 142 | 350383 | 39.356 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.96 | 216 | 260138 | 40.548 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG051119\  
 Data File : BG040874.D  
 Acq On : 11 May 2019 15:25  
 Operator : HP/JU  
 Sample : PB119647BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

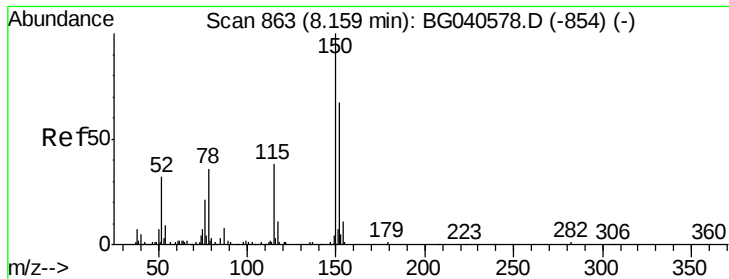
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119647BS

Quant Time: May 12 04:56:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.93 | 237  | 331025   | 87.440  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.19 | 196  | 181154   | 46.725  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.27 | 196  | 190700   | 45.153  | ng    | 94       |
| 46) 1,1'-Biphenyl              | 13.60 | 154  | 504083   | 37.699  | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.65 | 162  | 417126   | 39.862  | ng    | 95       |
| 48) 2-Nitroaniline             | 13.85 | 65   | 156842   | 42.107  | ng    | 97       |
| 49) Acenaphthylene             | 14.49 | 152  | 647050   | 36.446  | ng    | 98       |
| 50) Dimethylphthalate          | 14.22 | 163  | 577069   | 40.049  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.34 | 165  | 127196   | 45.229  | ng #  | 83       |
| 52) Acenaphthene               | 14.83 | 154  | 389991   | 37.720  | ng    | 96       |
| 53) 3-Nitroaniline             | 14.67 | 138  | 89413    | 31.030  | ng #  | 96       |
| 54) 2,4-Dinitrophenol          | 14.88 | 184  | 183620   | 112.633 | ng    | 93       |
| 55) Dibenzofuran               | 15.16 | 168  | 666317   | 39.346  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.97 | 139  | 207623   | 83.098  | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 15.13 | 165  | 178154   | 46.620  | ng #  | 90       |
| 58) Fluorene                   | 15.81 | 166  | 523323   | 38.233  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.38 | 232  | 201997   | 47.518  | ng    | 94       |
| 60) Diethylphthalate           | 15.57 | 149  | 579472   | 38.116  | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.80 | 204  | 331731   | 41.670  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.84 | 138  | 128225   | 39.781  | ng    | 93       |
| 63) Azobenzene                 | 16.09 | 77   | 543078   | 34.687  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.88 | 198  | 113220   | 51.629  | ng    | 87       |
| 66) n-Nitrosodiphenylamine     | 16.01 | 169  | 492899   | 38.101  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.69 | 248  | 218809   | 39.943  | ng    | 93       |
| 68) Hexachlorobenzene          | 16.80 | 284  | 229561   | 40.527  | ng    | 96       |
| 69) Atrazine                   | 16.95 | 200  | 210955   | 41.159  | ng    | 95       |
| 70) Pentachlorophenol          | 17.15 | 266  | 305899   | 92.288  | ng    | 97       |
| 71) Phenanthrene               | 17.55 | 178  | 897293   | 37.887  | ng    | 97       |
| 72) Anthracene                 | 17.64 | 178  | 915371   | 38.452  | ng    | 99       |
| 73) Carbazole                  | 17.91 | 167  | 813001   | 37.485  | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.45 | 149  | 961406   | 36.725  | ng    | 99       |
| 75) Fluoranthene               | 19.55 | 202  | 1174598  | 39.799  | ng    | 99       |
| 77) Benzidine                  | 19.73 | 184  | 351746   | 28.309  | ng    | 98       |
| 78) Pyrene                     | 19.91 | 202  | 1182235  | 41.567  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.78 | 149  | 451877   | 40.764  | ng    | 90       |
| 81) Benzo(a)anthracene         | 21.77 | 228  | 1143841  | 39.883  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.68 | 252  | 377004   | 36.880  | ng    | 97       |
| 83) Chrysene                   | 21.84 | 228  | 1128651  | 41.379  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 629073   | 39.313  | ng    | 95       |
| 85) Di-n-octyl phthalate       | 22.89 | 149  | 1075095  | 39.894  | ng    | 95       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.99 | 276  | 1381587  | 41.895  | ng #  | 91       |
| 88) Benzo(b)fluoranthene       | 24.14 | 252  | 1143361  | 44.436  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.14 | 252  | 1143361  | 47.581  | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.98 | 252  | 1149429  | 47.192  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 29.06 | 278  | 1145753  | 46.485  | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 30.21 | 276  | 1152940  | 47.001  | ng    | 98       |

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



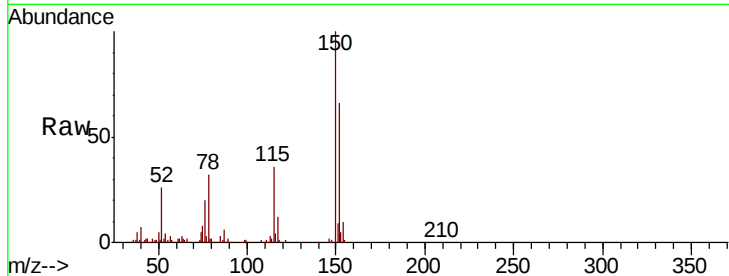


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.13 min Scan# 859  
Delta R.T. -0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.8 | 120.2 | 180.2 |
| 115     | 53.9  | 46.2  | 69.2  |

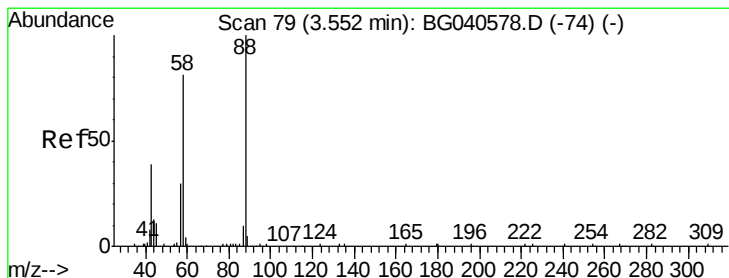
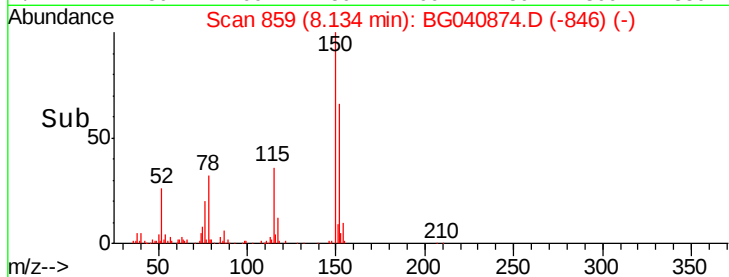
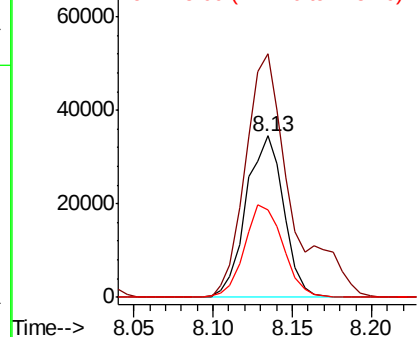


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

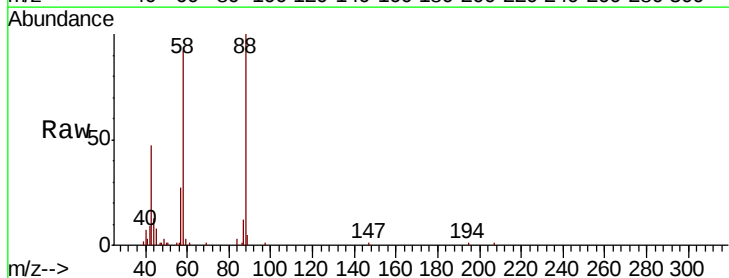
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 31.814 ng  
RT: 3.53 min Scan# 76  
Delta R.T. -0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 84.4  | 71.2  | 106.8 |
| 43      | 39.3  | 35.6  | 53.4  |

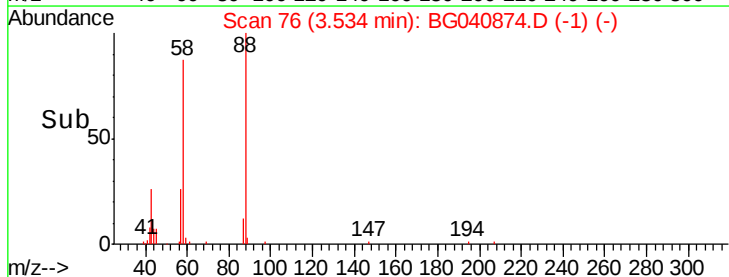
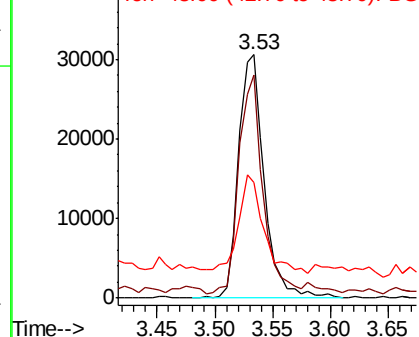


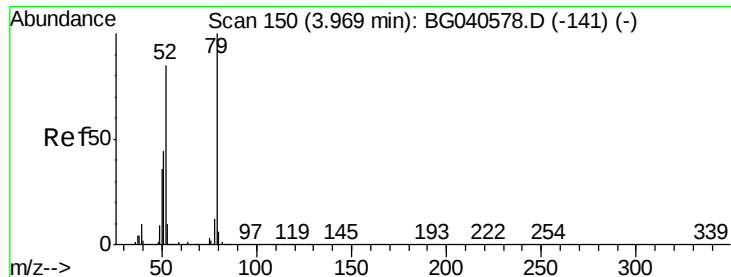
Abundance

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

Pyridine

Concen: 27.724 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

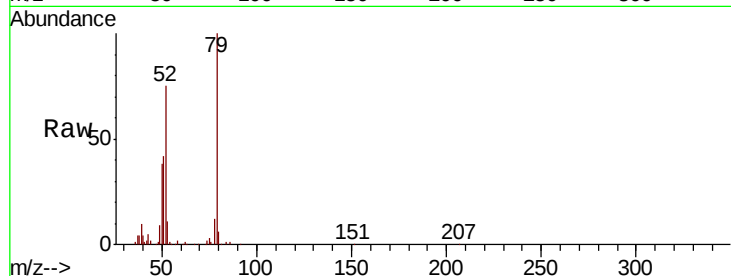
Tgt Ion: 79 Resp: 118105

Ion Ratio Lower Upper

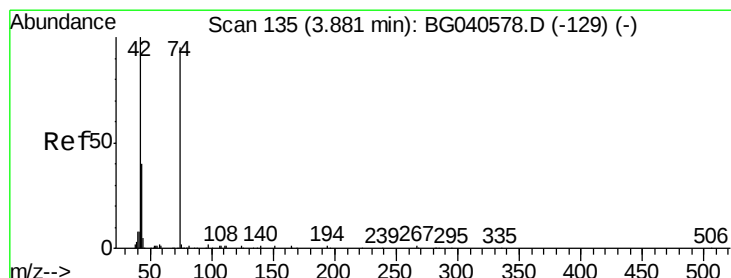
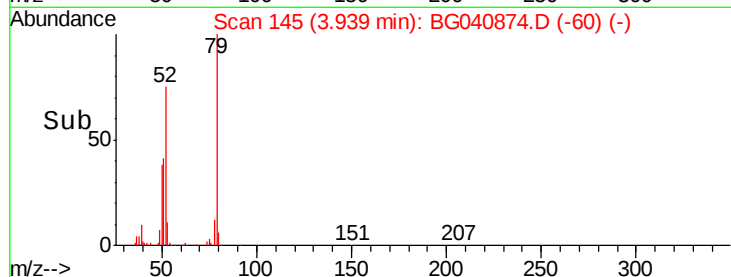
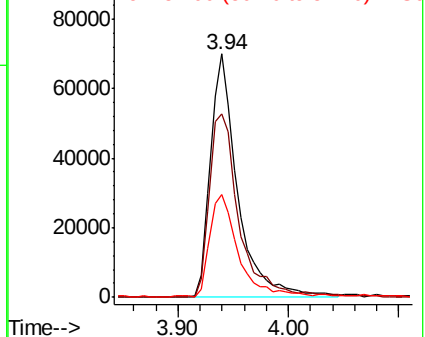
79 100

52 75.3 67.5 101.3

51 42.2 35.6 53.4



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 32.600 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

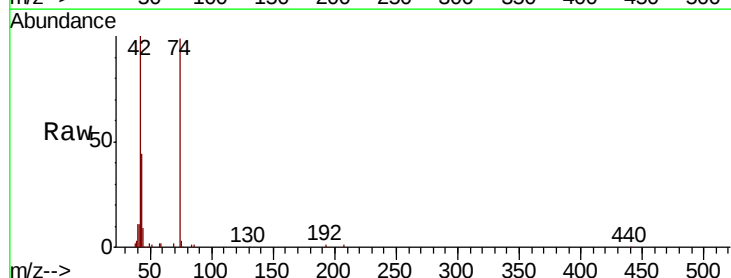
Tgt Ion: 42 Resp: 77031

Ion Ratio Lower Upper

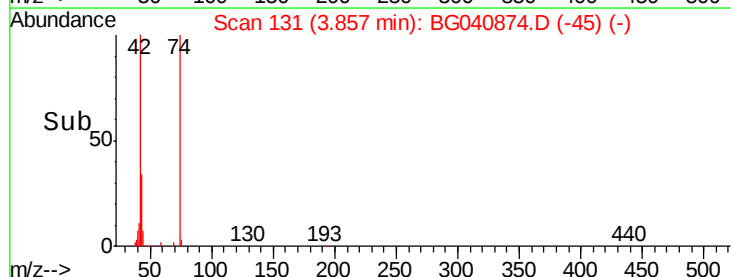
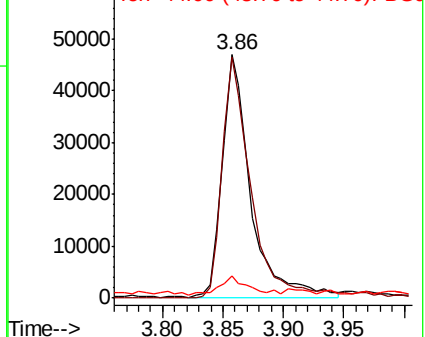
42 100

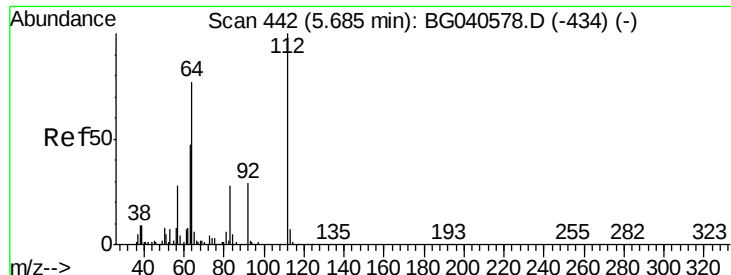
74 99.0 74.6 111.8

44 9.0 7.4 11.0



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 146.154 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

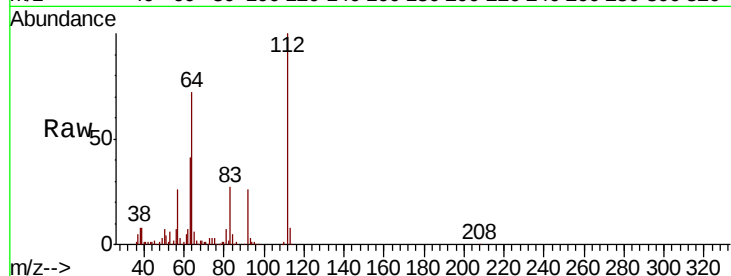
Tgt Ion: 112 Resp: 472325

Ion Ratio Lower Upper

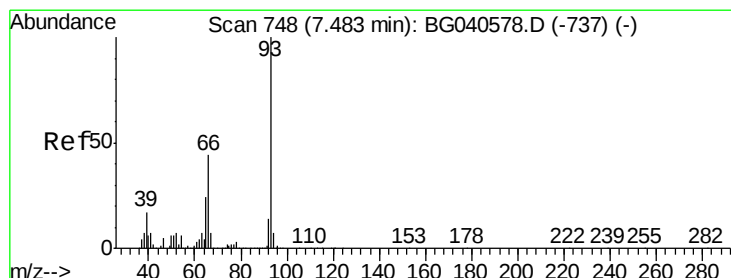
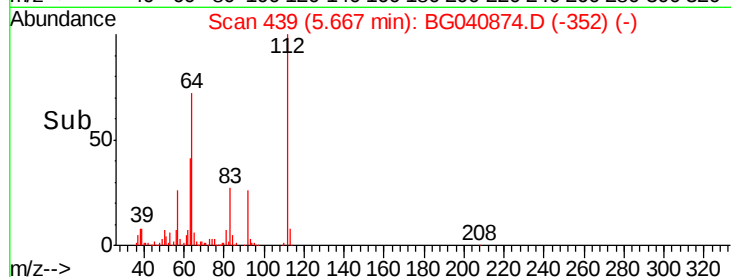
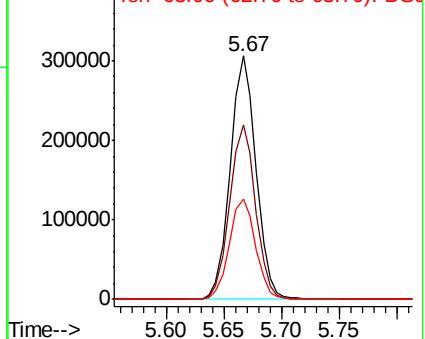
112 100

64 71.7 61.4 92.0

63 41.2 37.8 56.6



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: 29.252 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

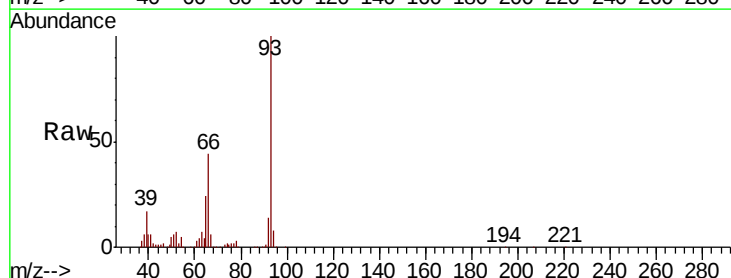
Tgt Ion: 93 Resp: 192924

Ion Ratio Lower Upper

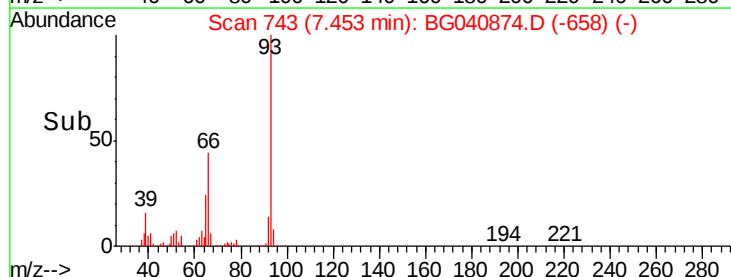
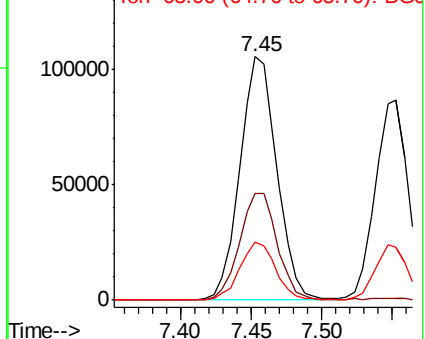
93 100

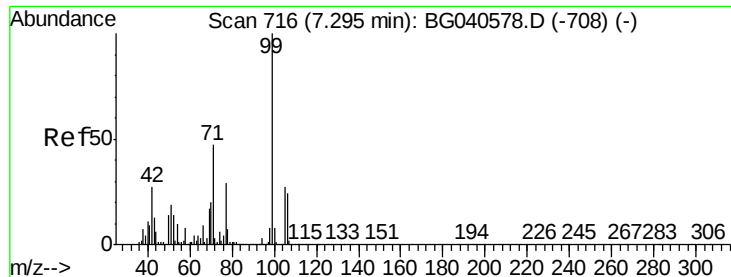
66 43.9 35.5 53.3

65 24.1 19.2 28.8



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: 135.694 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

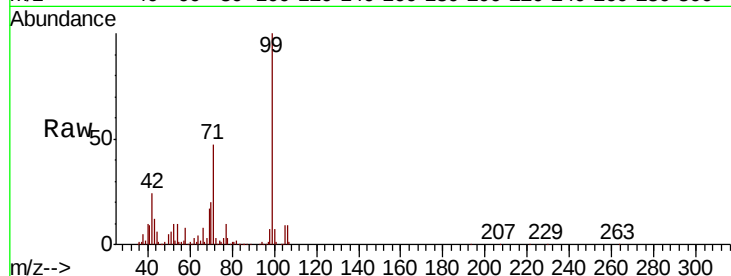
Tgt Ion: 99 Resp: 675196

Ion Ratio Lower Upper

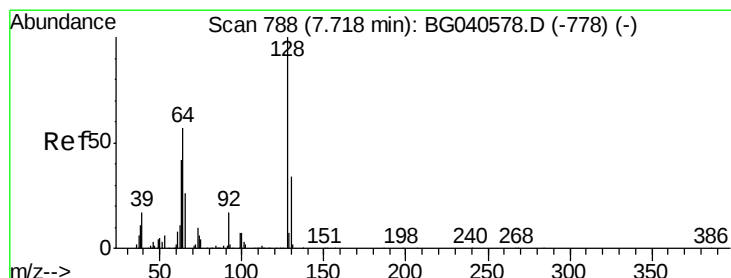
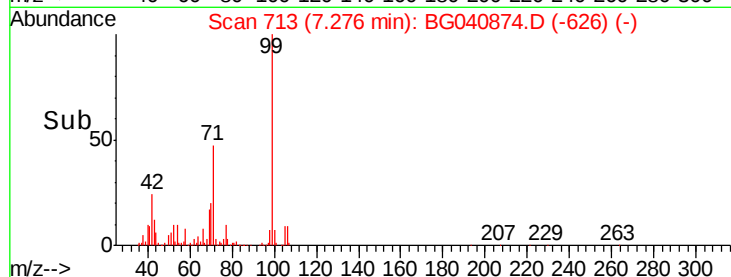
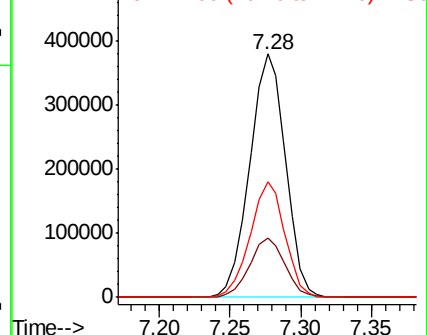
99 100

42 24.2 21.8 32.8

71 47.5 38.6 57.8



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: 38.636 ng

RT: 7.69 min Scan# 784

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

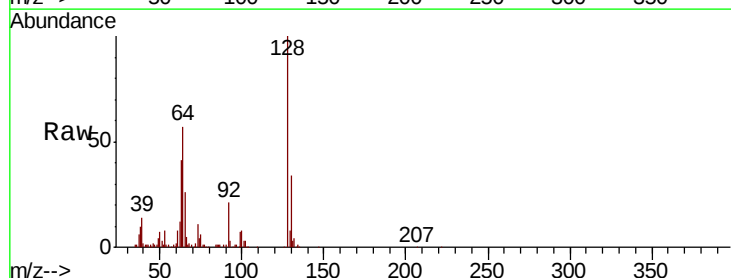
Tgt Ion: 128 Resp: 152459

Ion Ratio Lower Upper

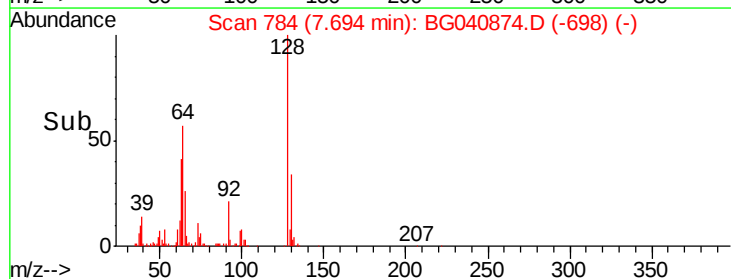
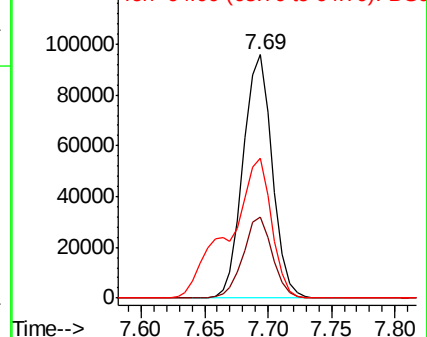
128 100

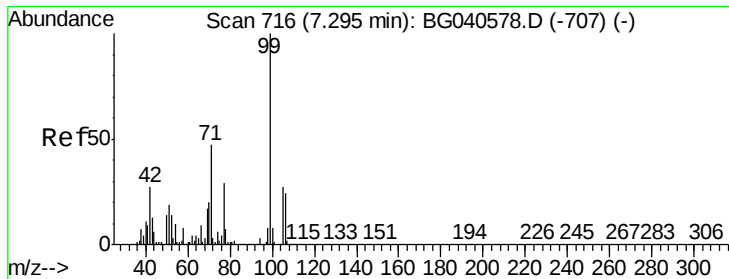
130 33.5 14.5 54.5

64 57.5 38.4 78.4



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: 24.227 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

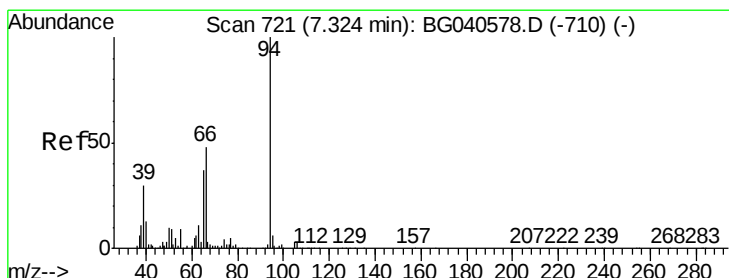
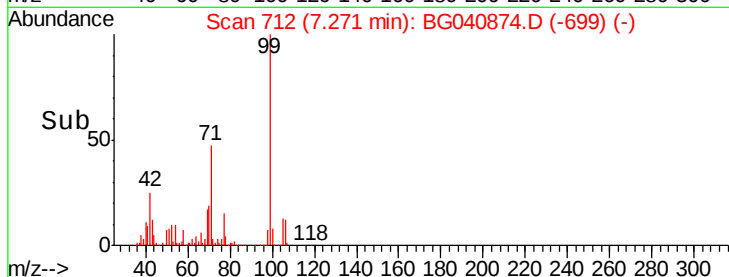
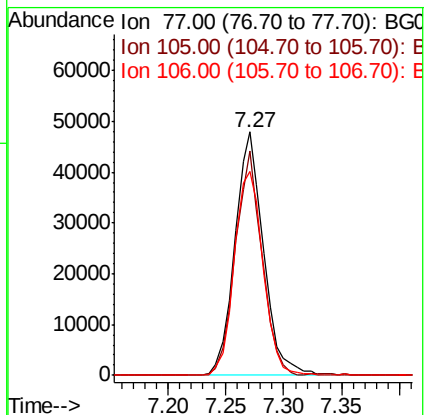
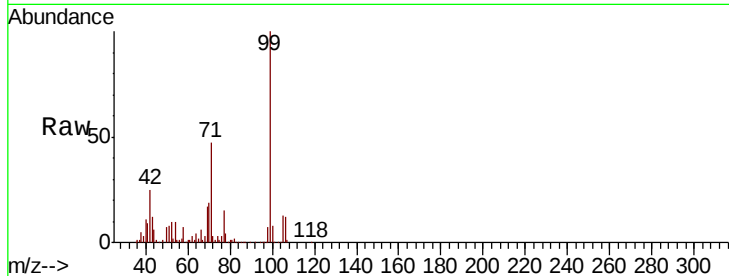
Tgt Ion: 77 Resp: 82243

Ion Ratio Lower Upper

77 100

105 92.1 72.0 112.0

106 83.8 61.2 101.2



#10

Phenol

Concen: 39.871 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

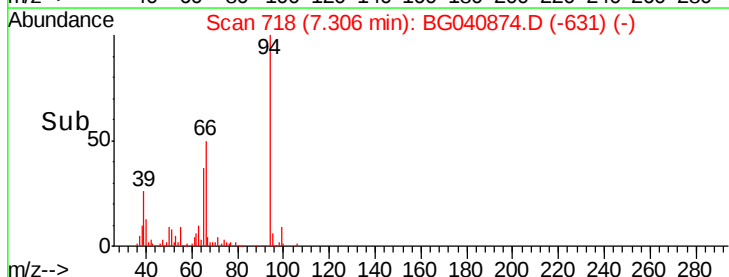
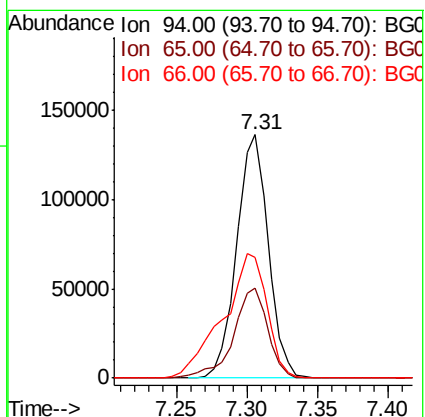
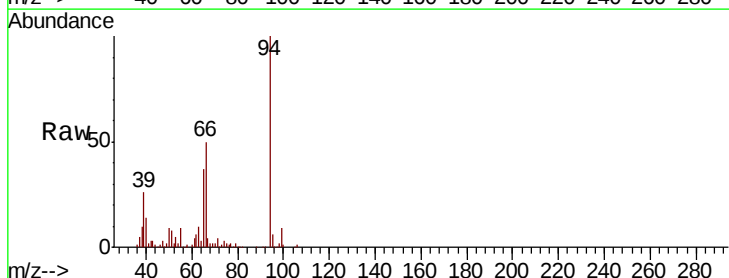
Tgt Ion: 94 Resp: 213261

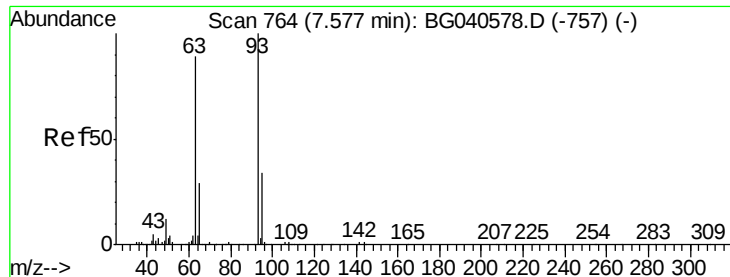
Ion Ratio Lower Upper

94 100

65 37.2 17.0 57.0

66 49.7 28.6 68.6

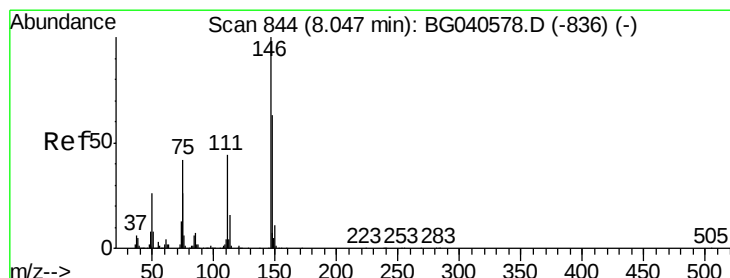
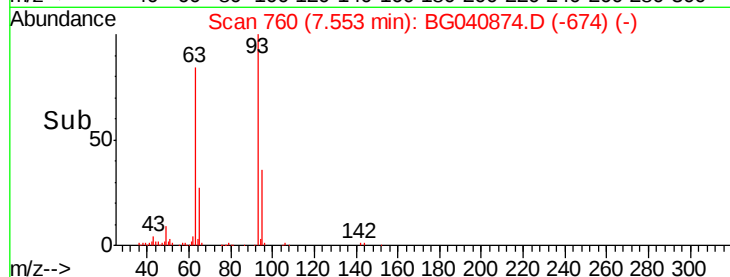
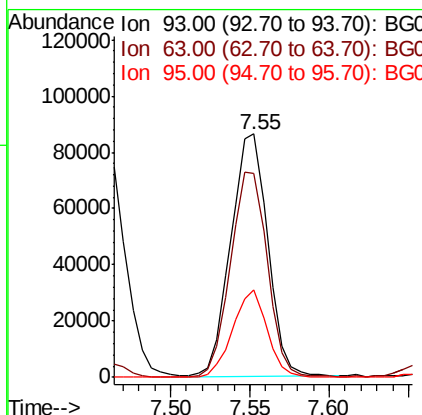
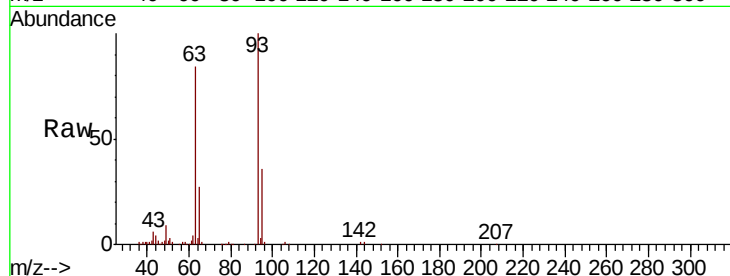




#11  
bis(2-Chloroethyl)ether  
Concen: 34.676 ng  
RT: 7.55 min Scan# 760  
Delta R.T. -0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

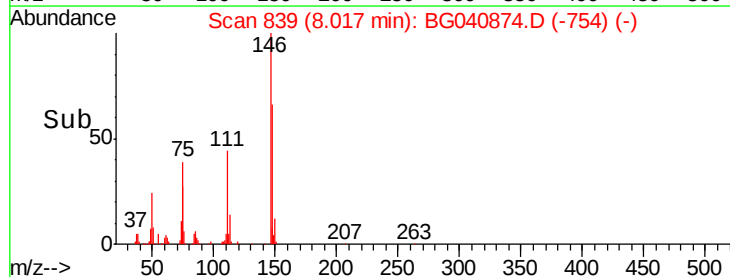
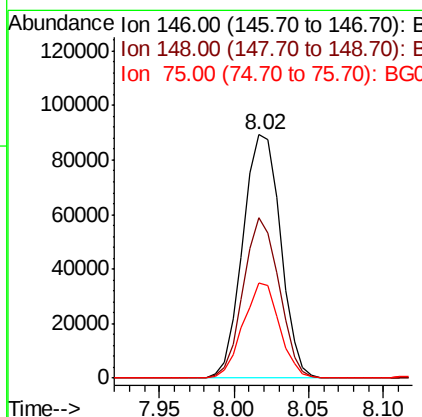
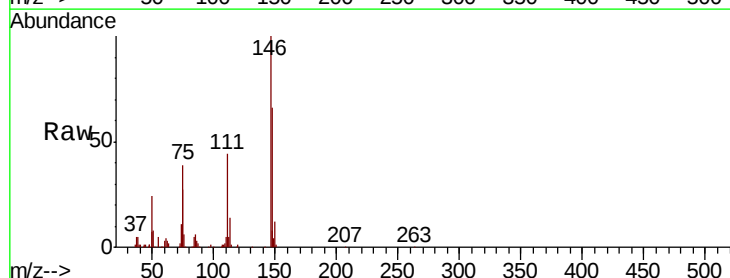
Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

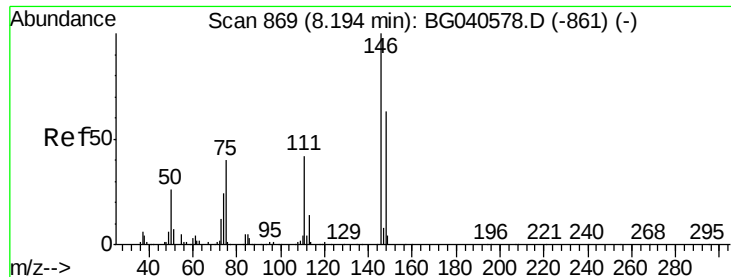
Tgt Ion: 93 Resp: 139083  
Ion Ratio Lower Upper  
93 100  
63 83.6 68.2 108.2  
95 35.8 14.3 54.3



#12  
1,3-Dichlorobenzene  
Concen: 36.249 ng  
RT: 8.02 min Scan# 839  
Delta R.T. -0.03 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Tgt Ion: 146 Resp: 156126  
Ion Ratio Lower Upper  
146 100  
148 66.1 50.7 76.1  
75 38.9 33.4 50.2

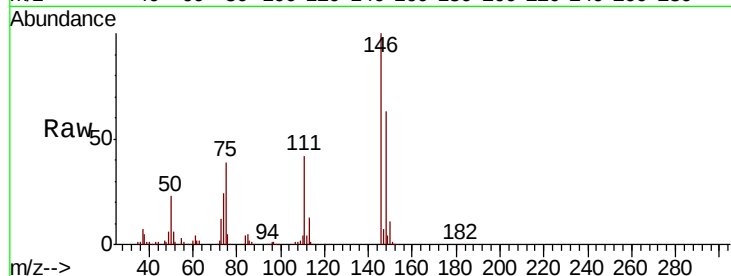




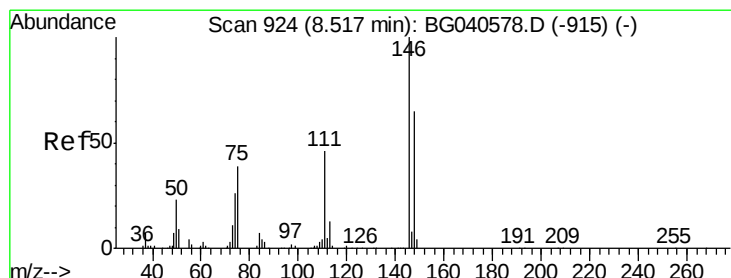
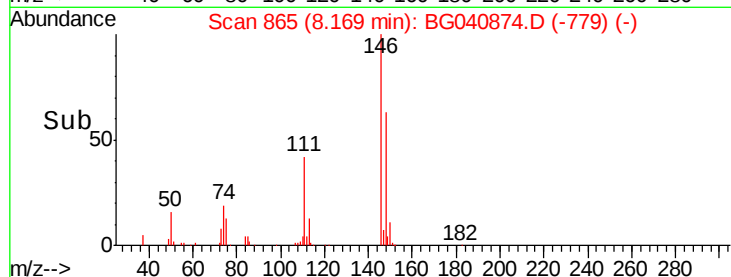
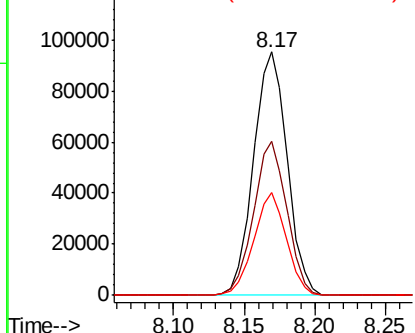
#13  
 1,4-Dichlorobenzene  
 Concen: 36.562 ng  
 RT: 8.17 min Scan# 865  
 Delta R.T. -0.02 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119647BS

Tgt Ion:146 Resp: 159636  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 50.6 75.8  
 111 42.2 34.3 51.5

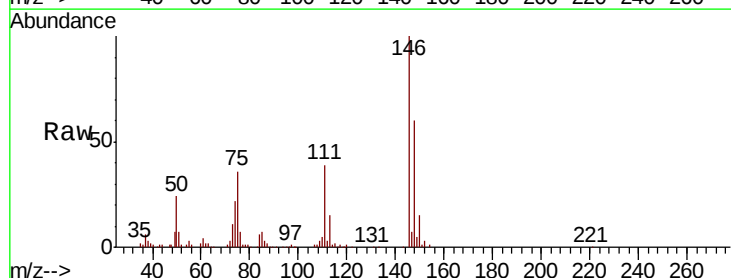


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

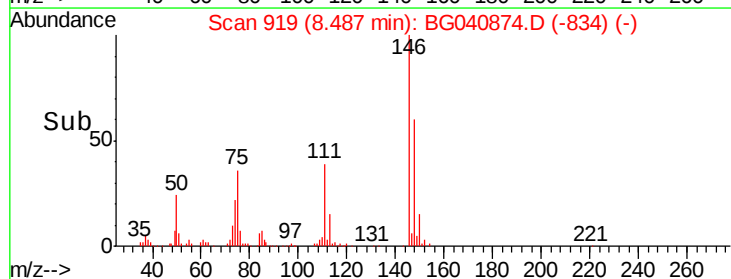
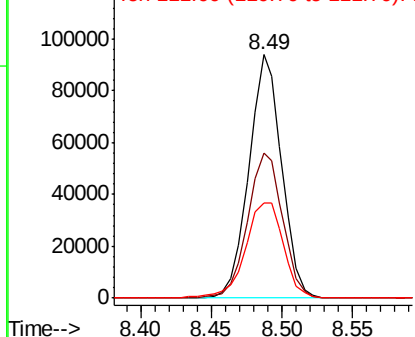


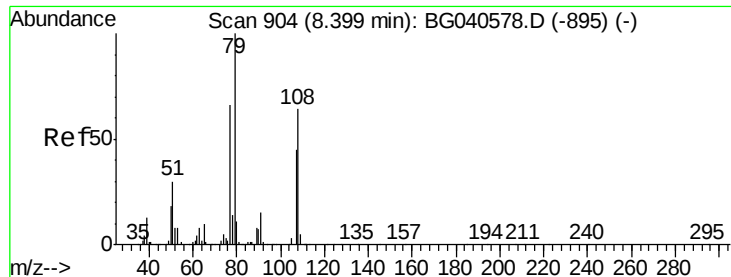
#14  
 1,2-Dichlorobenzene  
 Concen: 36.244 ng  
 RT: 8.49 min Scan# 919  
 Delta R.T. -0.03 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

Tgt Ion:146 Resp: 152611  
 Ion Ratio Lower Upper  
 146 100  
 148 59.5 52.2 78.4  
 111 39.0 37.4 56.0



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: 34.975 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

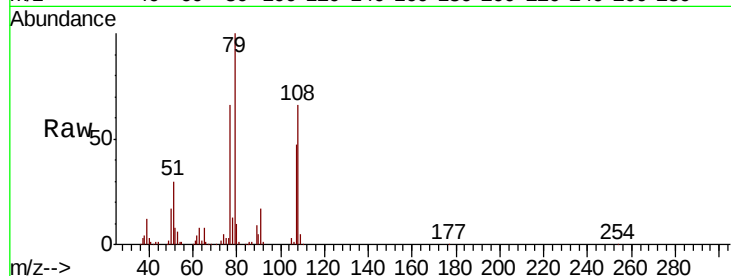
Tgt Ion: 79 Resp: 181083

Ion Ratio Lower Upper

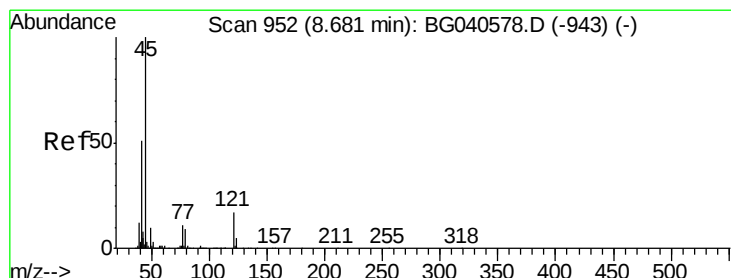
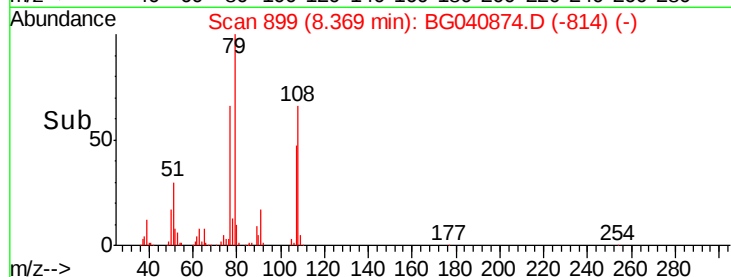
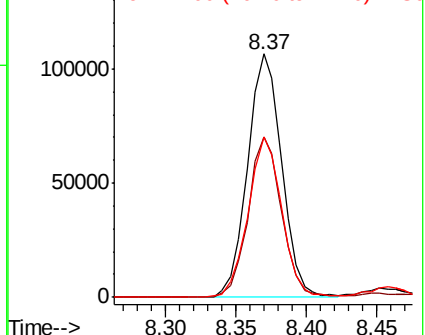
79 100

108 66.1 51.4 77.0

77 65.7 52.6 79.0



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: 28.972 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

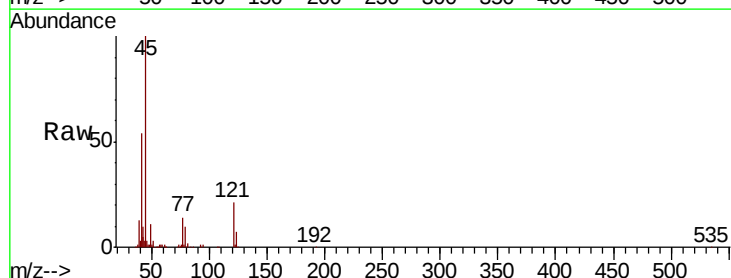
Tgt Ion: 45 Resp: 231356

Ion Ratio Lower Upper

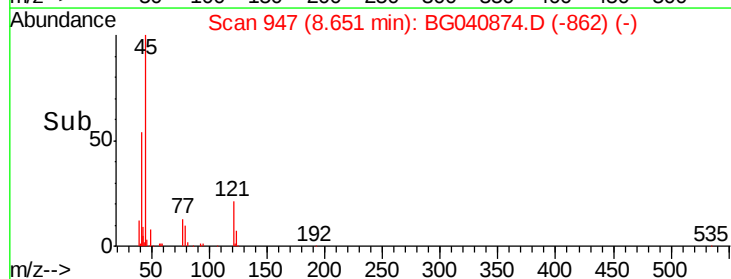
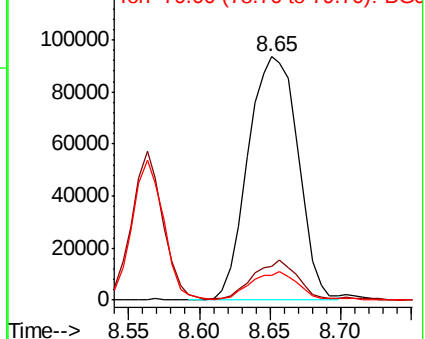
45 100

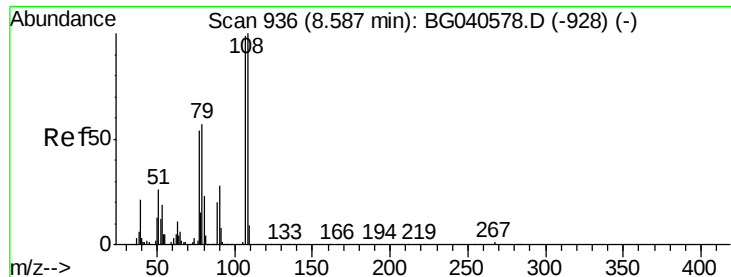
77 13.7 0.0 31.5

79 10.1 0.0 29.4



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

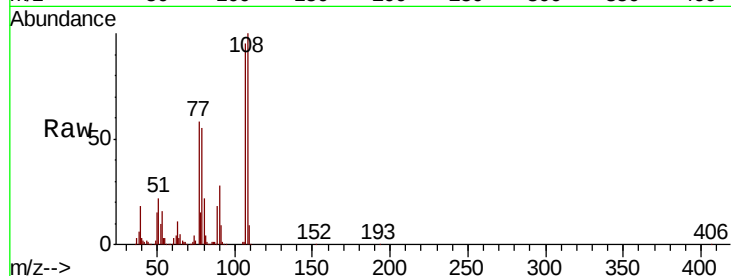




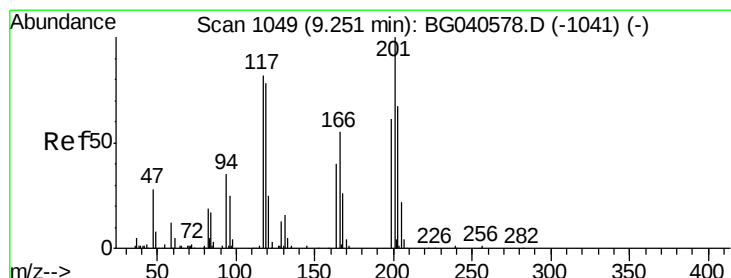
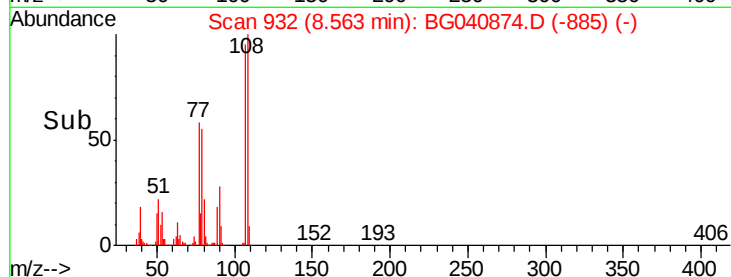
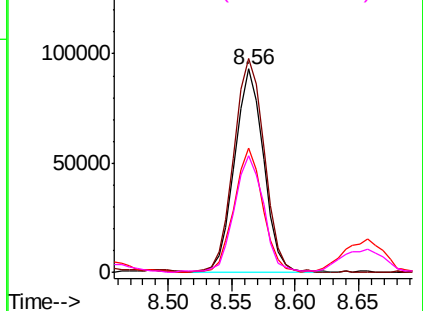
#17  
2-Methylphenol  
Concen: 38.777 ng  
RT: 8.56 min Scan# 932  
Delta R.T. -0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 146781 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 105.1 | 81.2  | 121.8  |
| 77       | 61.3  | 44.4  | 66.6   |
| 79       | 57.5  | 47.0  | 70.4   |

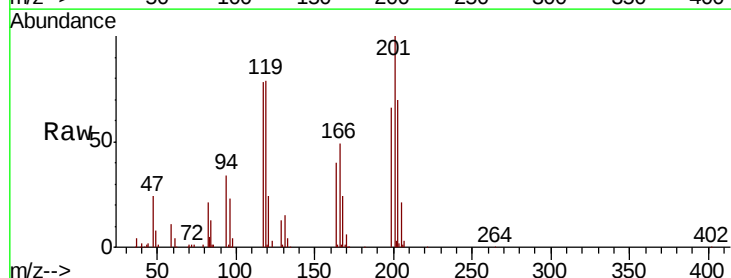


Abundance Ion 107.00 (106.70 to 107.70): E  
150000 Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

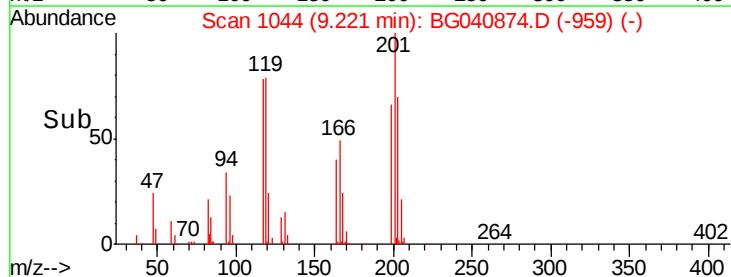
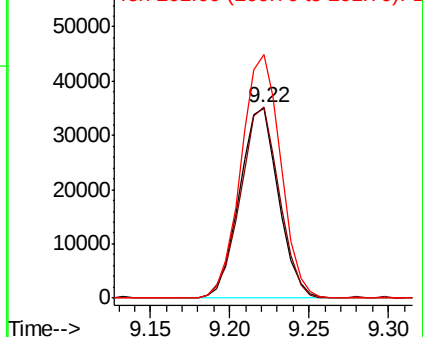


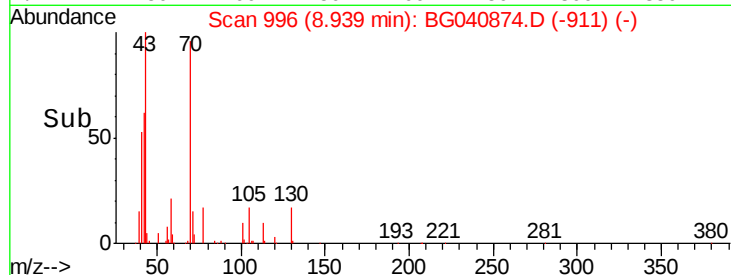
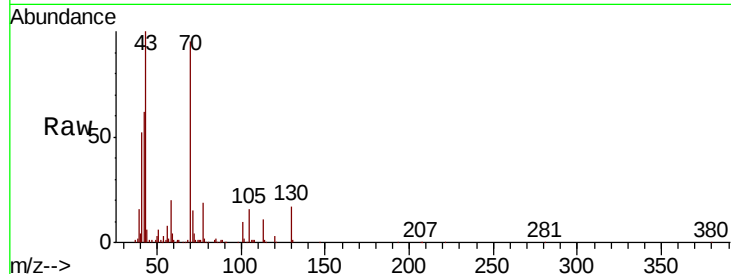
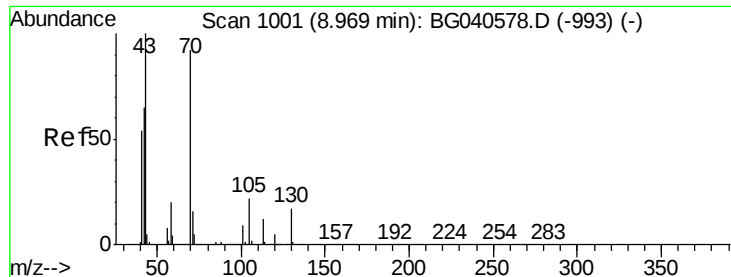
#18  
Hexachloroethane  
Concen: 33.286 ng  
RT: 9.22 min Scan# 1044  
Delta R.T. -0.03 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 59616 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 100.6 | 76.6  | 114.8 |
| 201      | 131.8 | 101.0 | 151.6 |



Abundance Ion 117.00 (116.70 to 117.70): E  
60000 Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

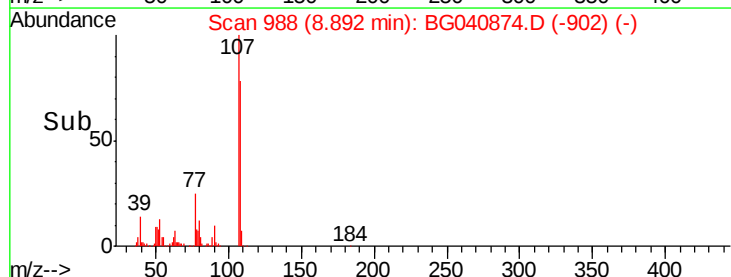
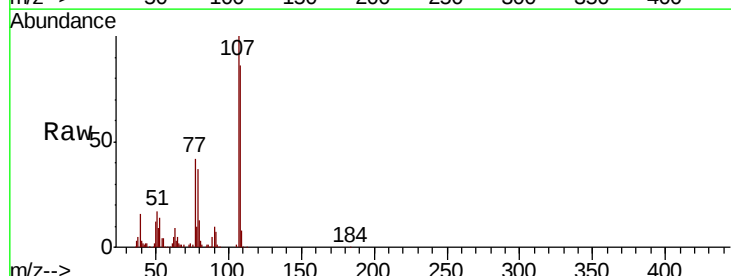
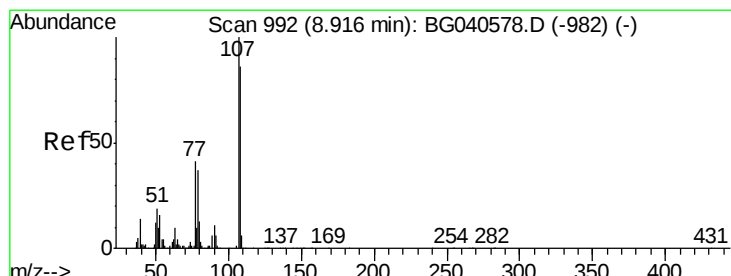
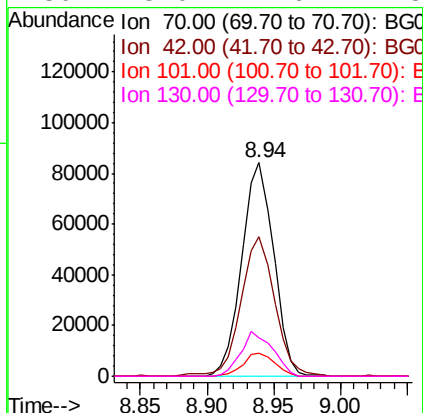




#19  
n-Nitroso-di-n-propylamine  
Concen: 31.223 ng  
RT: 8.94 min Scan# 996  
Delta R.T. -0.03 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

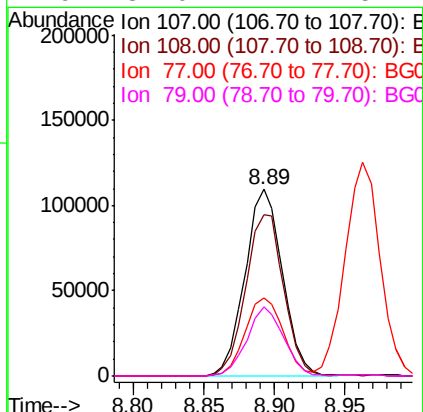
Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

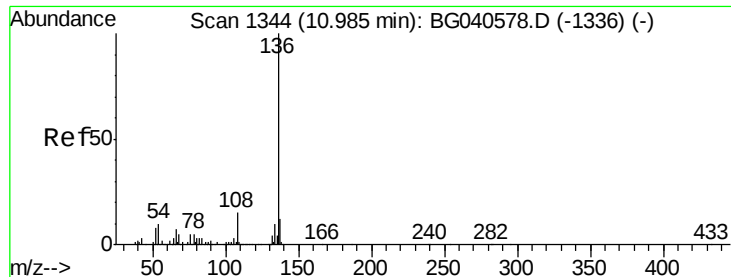
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 139854 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 65.6  | 57.1  | 85.7   |
| 101      | 10.9  | 7.8   | 11.8   |
| 130      | 18.0  | 14.6  | 21.8   |



#20  
3+4-Methylphenols  
Concen: 38.648 ng  
RT: 8.89 min Scan# 988  
Delta R.T. -0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 203798 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.4  | 66.1  | 106.1  |
| 77       | 41.7  | 21.6  | 61.6   |
| 79       | 37.0  | 17.4  | 57.4   |

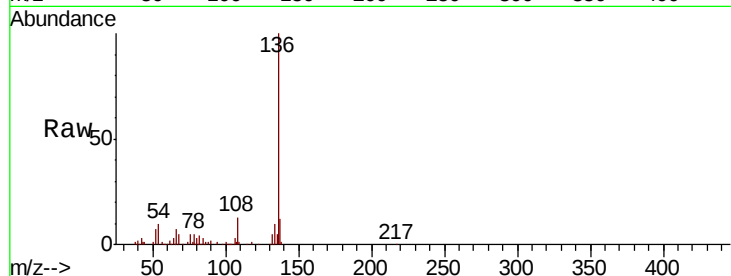




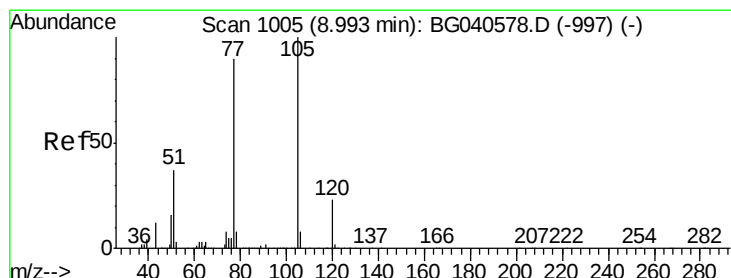
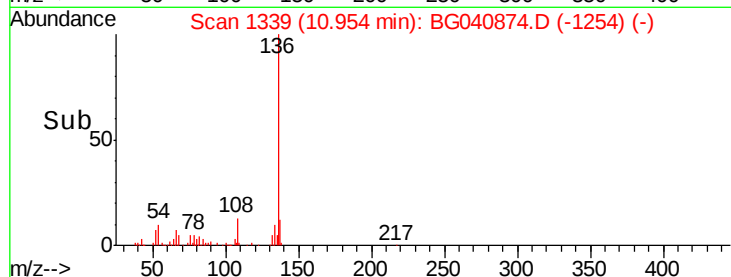
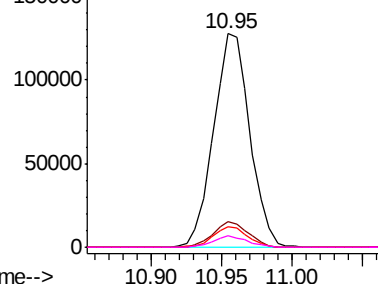
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.95 min Scan# 1339  
Delta R.T. -0.03 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 229301 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.9  | 9.7   | 14.5   |
| 54       | 9.7   | 8.6   | 12.8   |
| 68       | 5.4   | 4.8   | 7.2    |

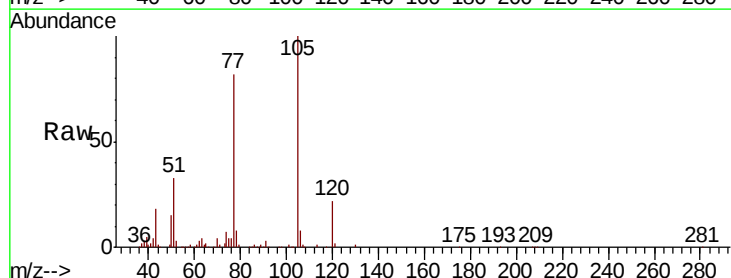


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

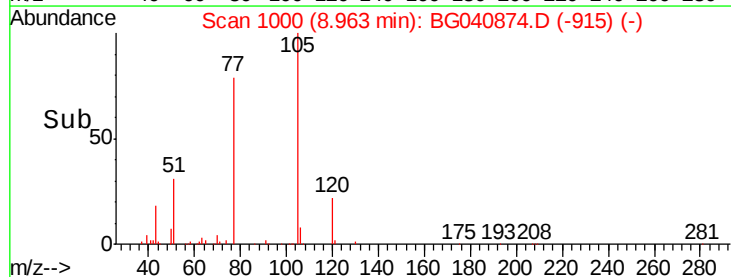
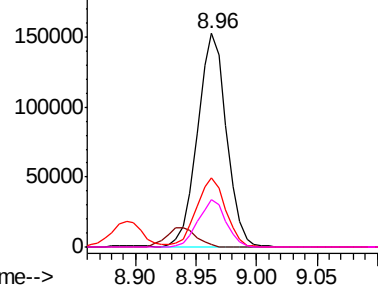


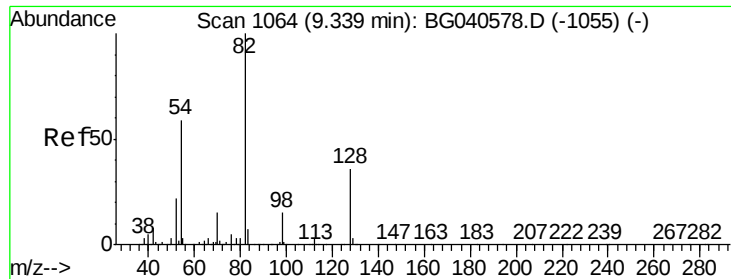
#22  
Acetophenone  
Concen: 39.755 ng  
RT: 8.96 min Scan# 1000  
Delta R.T. -0.03 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 253489 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.9   | 1.8   | 2.8#   |
| 51       | 32.5  | 29.8  | 44.8   |
| 120      | 22.4  | 18.4  | 27.6   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E

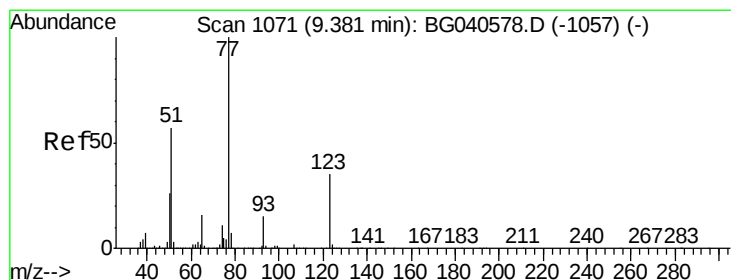
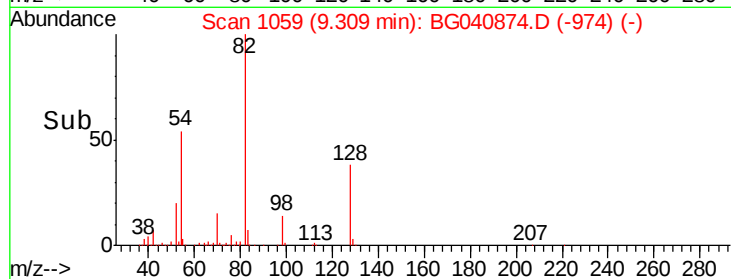
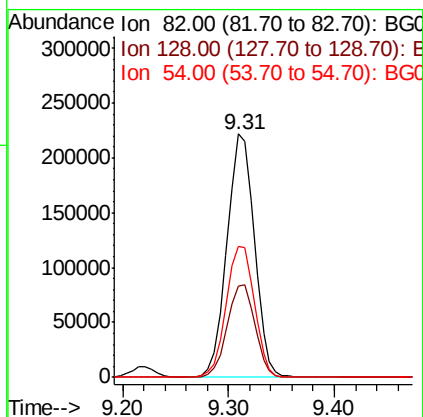
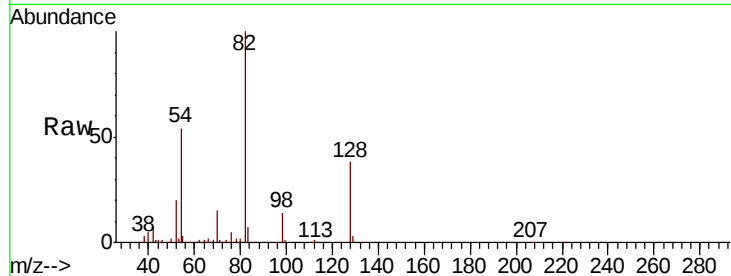




#23  
 Nitrobenzene-d5  
 Concen: 80.304 ng  
 RT: 9.31 min Scan# 1059  
 Delta R.T. -0.03 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

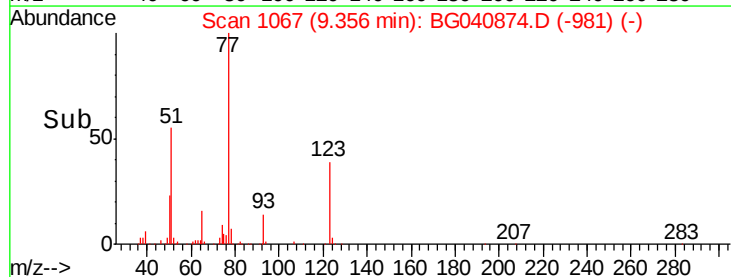
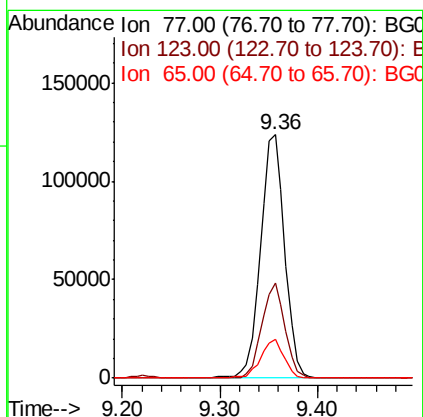
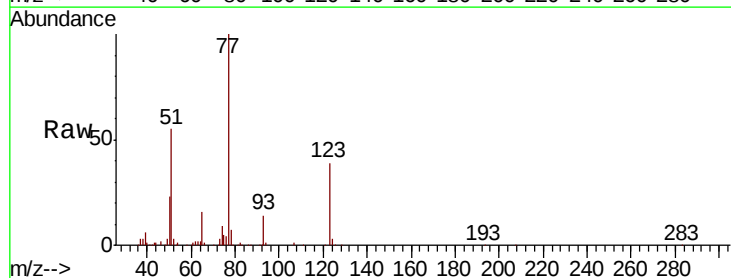
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119647BS

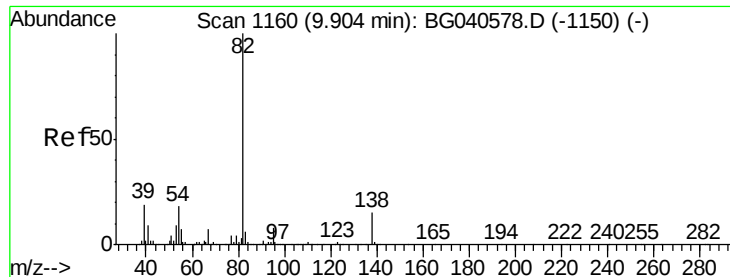
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 37.7  | 28.9  | 43.3  |
| 54      | 54.1  | 47.2  | 70.8  |



#24  
 Nitrobenzene  
 Concen: 40.419 ng  
 RT: 9.36 min Scan# 1067  
 Delta R.T. -0.02 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 38.9  | 27.8  | 41.6  |
| 65      | 16.1  | 12.4  | 18.6  |





#25

Isophorone

Concen: 36.770 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.04 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

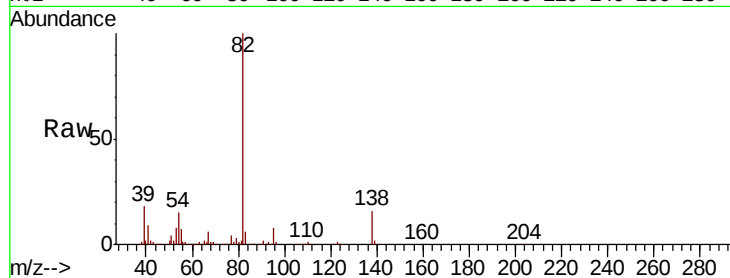
Tgt Ion: 82 Resp: 406457

Ion Ratio Lower Upper

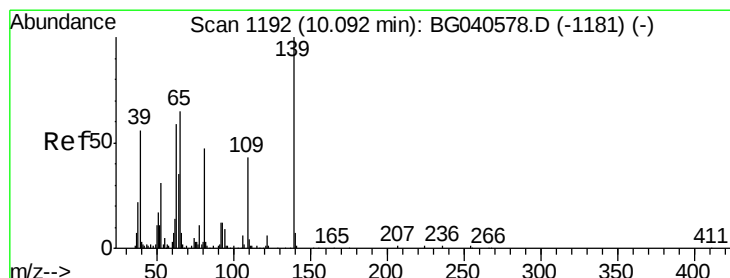
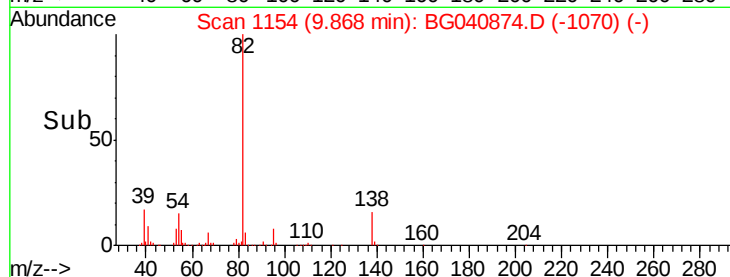
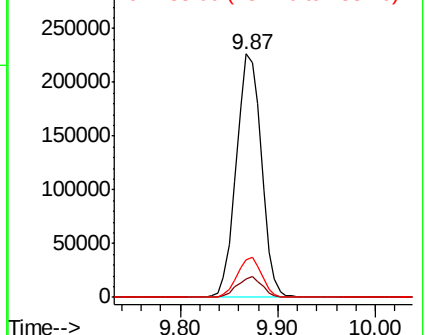
82 100

95 7.5 6.9 10.3

138 15.6 12.3 18.5



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



#26

2-Nitrophenol

Concen: 48.195 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

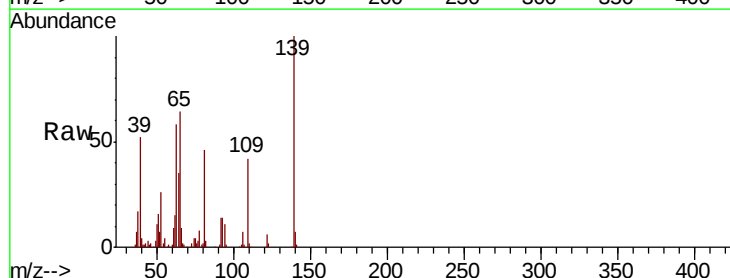
Tgt Ion: 139 Resp: 91471

Ion Ratio Lower Upper

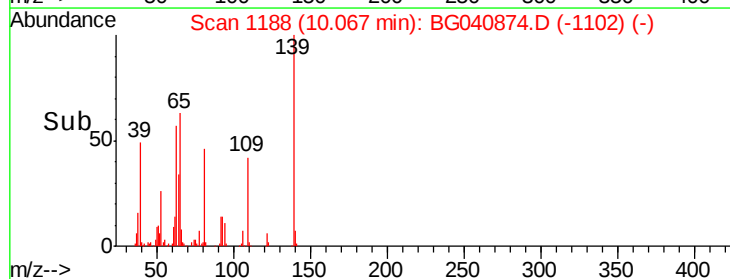
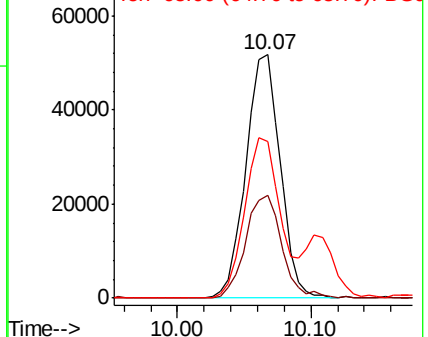
139 100

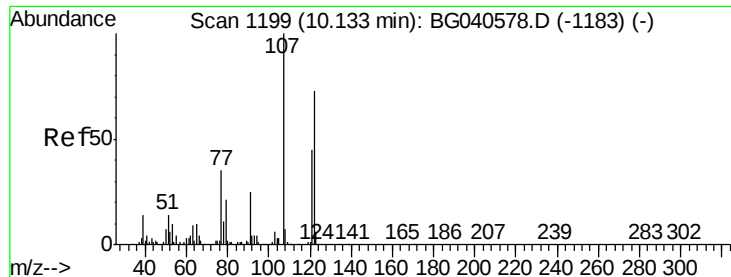
109 42.2 35.6 53.4

65 64.2 52.3 78.5



Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC

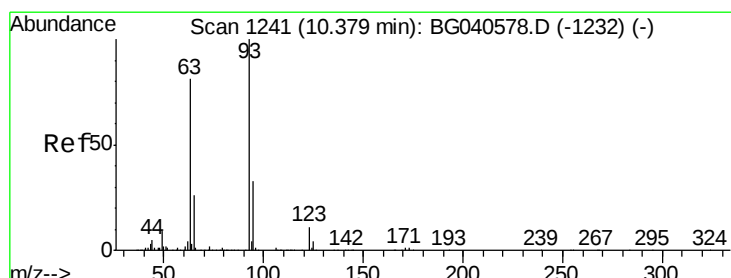
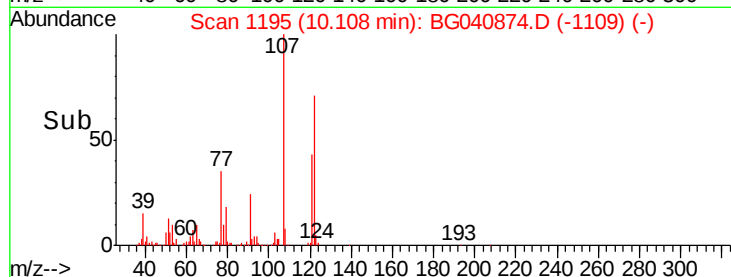
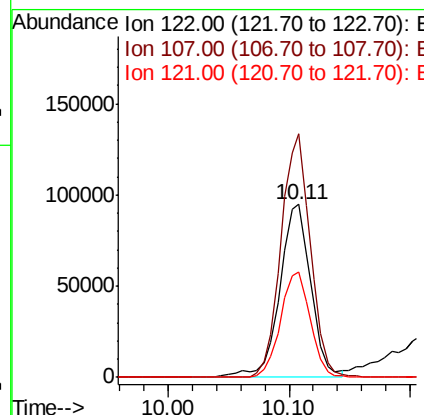
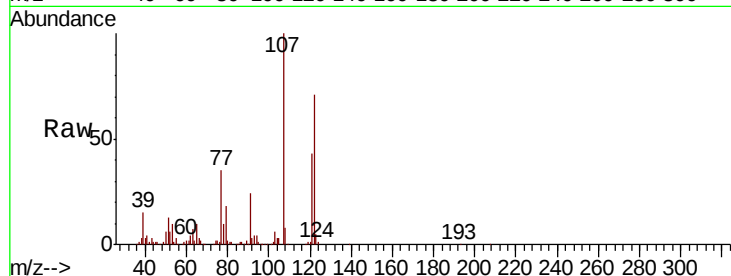




#27  
 2,4-Dimethylphenol  
 Concen: 47.374 ng  
 RT: 10.11 min Scan# 1195  
 Delta R.T. -0.02 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

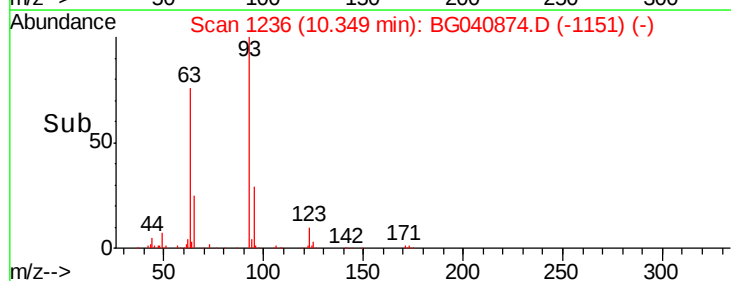
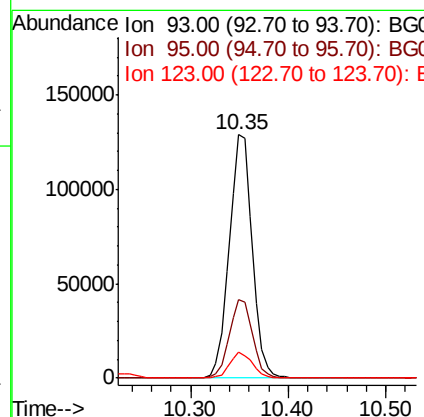
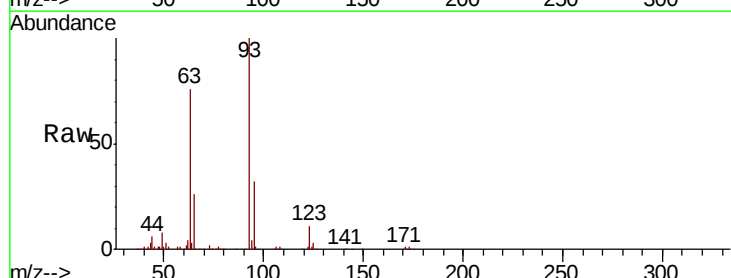
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119647BS

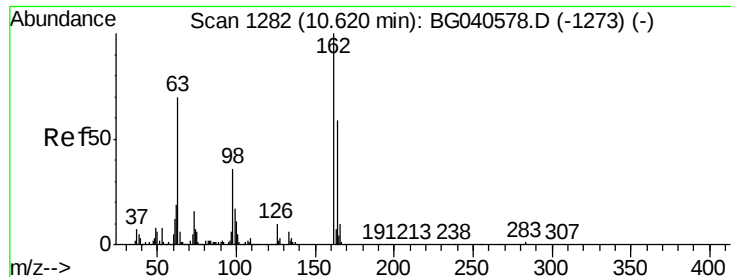
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 140.6 | 110.1 | 165.1 |
| 121     | 60.5  | 49.4  | 74.0  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.840 ng  
 RT: 10.35 min Scan# 1236  
 Delta R.T. -0.03 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 26.6  | 40.0  |
| 123     | 10.8  | 9.0   | 13.4  |

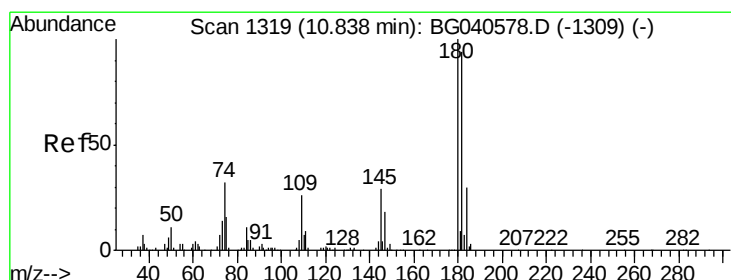
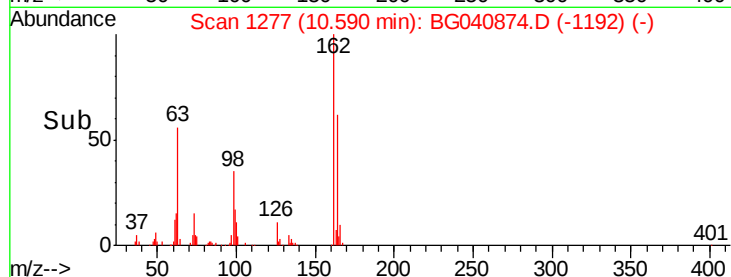
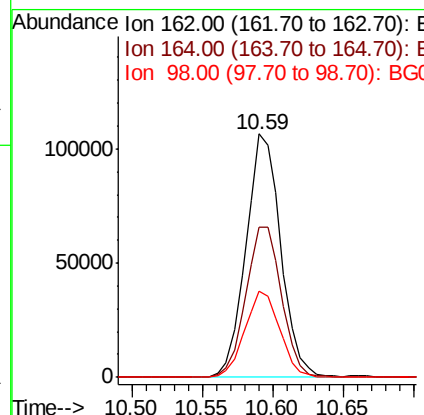
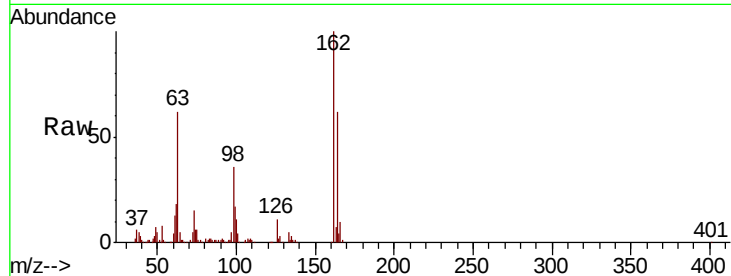




#29  
2,4-Dichlorophenol  
Concen: 45.578 ng  
RT: 10.59 min Scan# 1277  
Delta R.T. -0.03 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

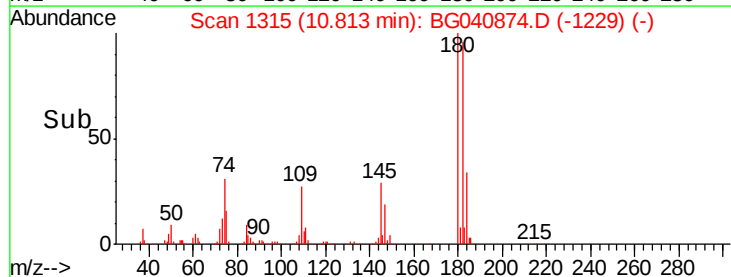
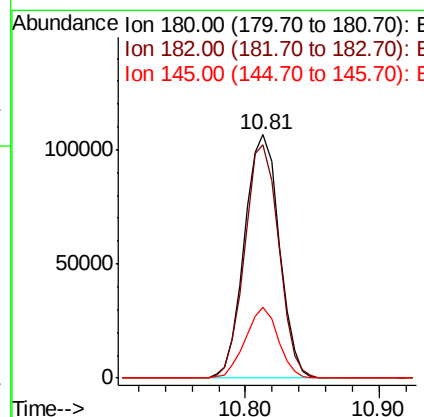
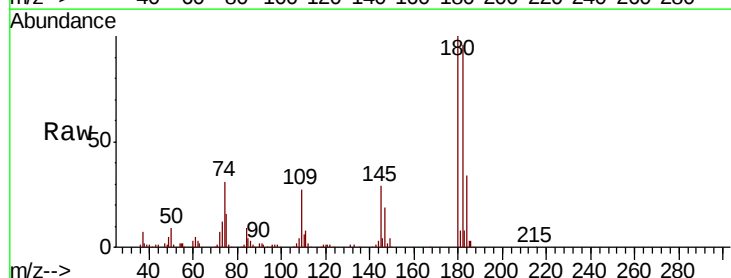
Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

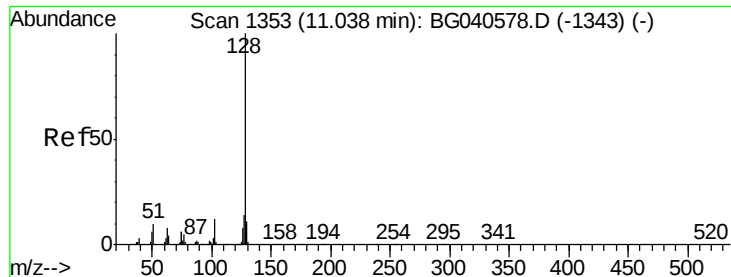
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 61.9  | 38.9  | 78.9  |
| 98      | 35.6  | 16.8  | 56.8  |



#30  
1,2,4-Trichlorobenzene  
Concen: 42.633 ng  
RT: 10.81 min Scan# 1315  
Delta R.T. -0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 75.2  | 112.8 |
| 145     | 29.2  | 23.6  | 35.4  |

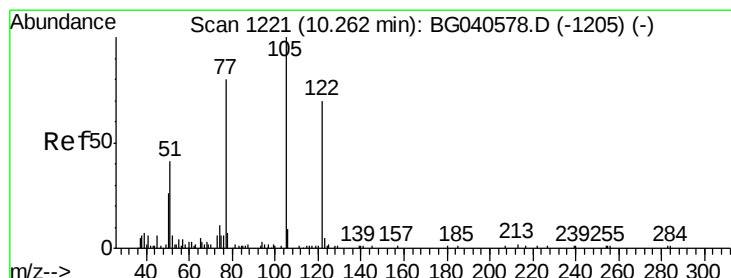
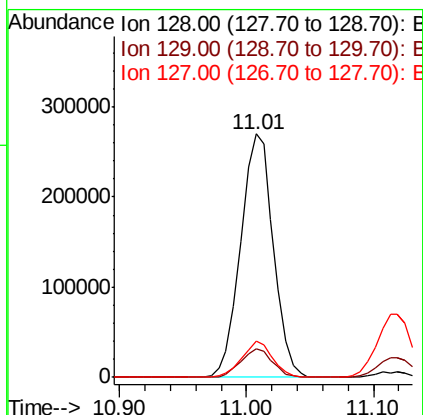
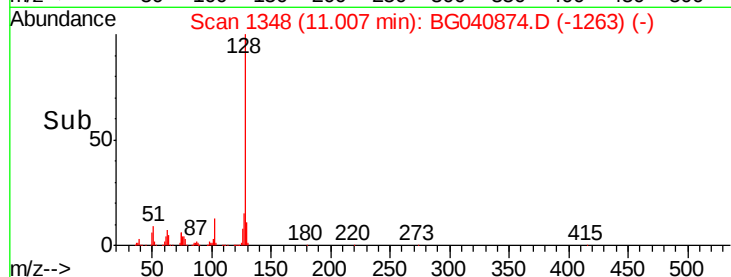
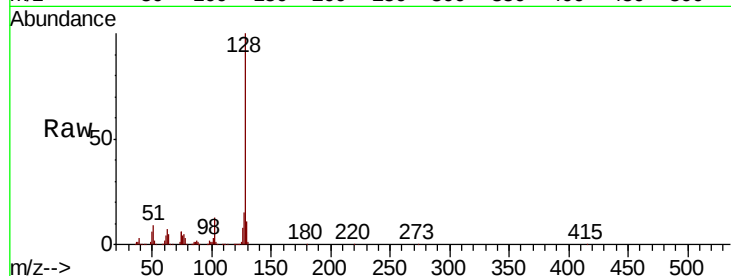




#31  
Naphthalene  
Concen: 39.523 ng  
RT: 11.01 min Scan# 1348  
Delta R.T. -0.03 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

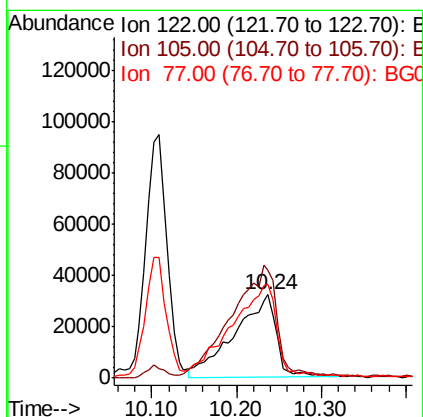
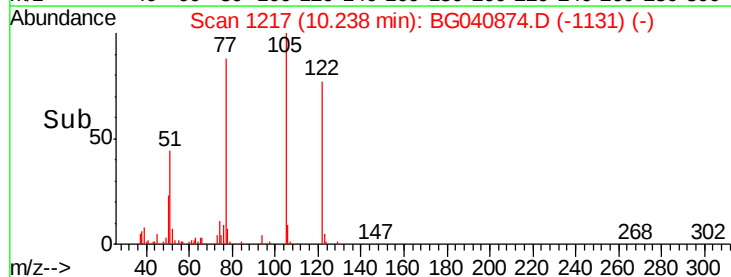
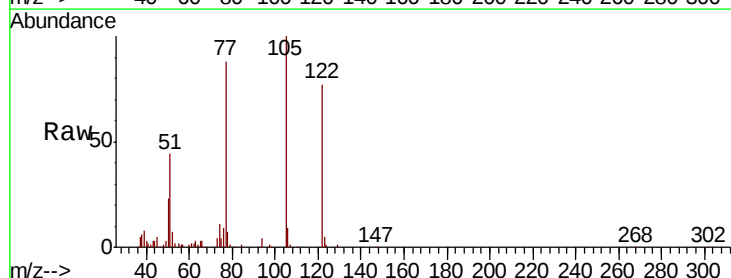
Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

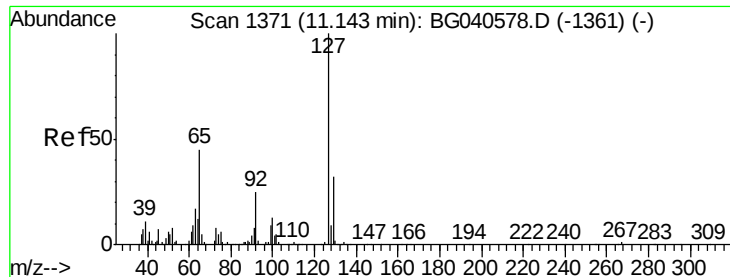
Tgt Ion:128 Resp: 481474  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.0 13.6  
127 15.0 11.3 16.9



#32  
Benzoic acid  
Concen: 45.683 ng  
RT: 10.24 min Scan# 1217  
Delta R.T. -0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Tgt Ion:122 Resp: 111367  
Ion Ratio Lower Upper  
122 100  
105 129.3 110.9 150.9  
77 113.2 87.6 127.6

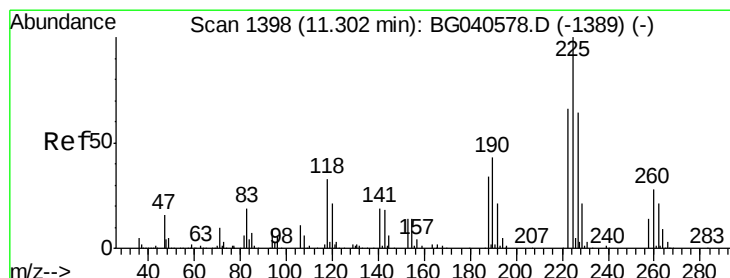
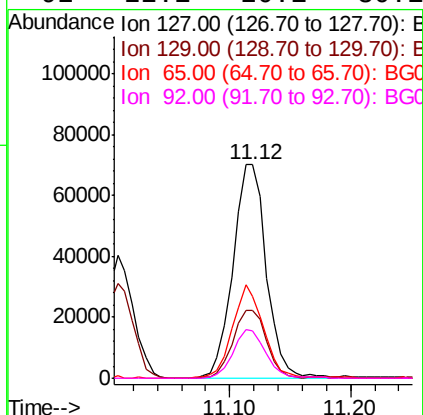
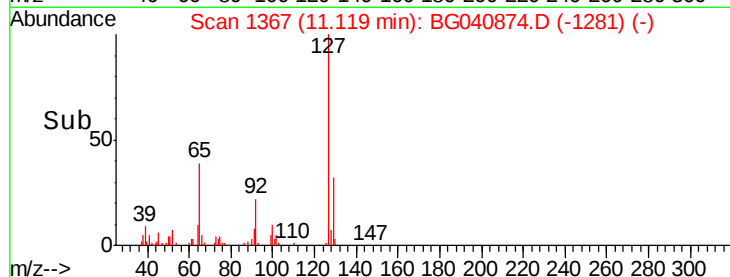
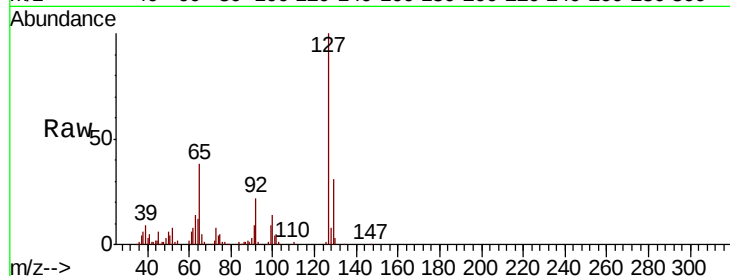




#33  
4-Chloroaniline  
Concen: 24.980 ng  
RT: 11.12 min Scan# 1367  
Delta R.T. -0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

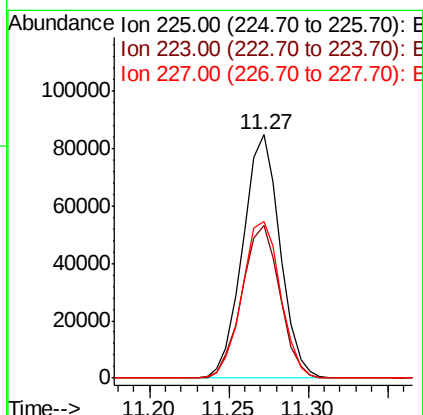
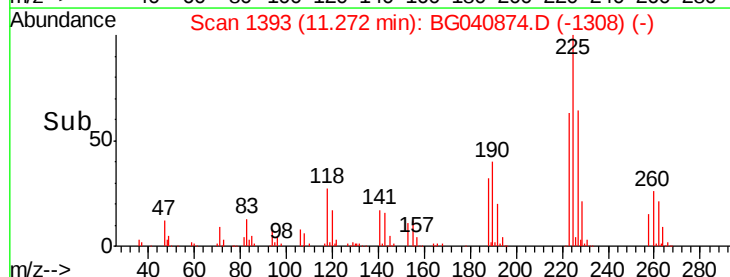
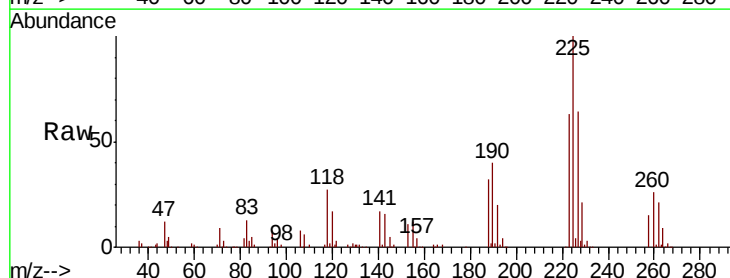
Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

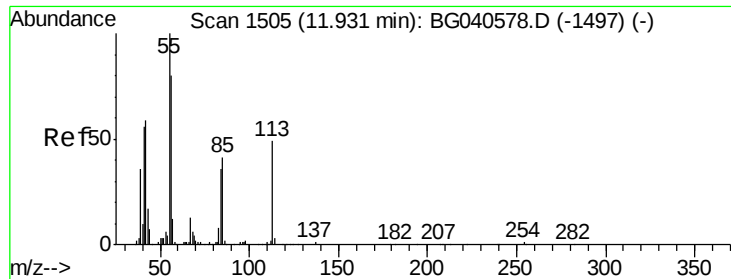
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 134921 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 25.7  | 38.5   |
| 65       | 38.5  | 36.1  | 54.1   |
| 92       | 22.1  | 20.1  | 30.1   |



#34  
Hexachlorobutadiene  
Concen: 41.730 ng  
RT: 11.27 min Scan# 1393  
Delta R.T. -0.03 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 138311 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 50.4  | 75.6   |
| 227      | 64.2  | 51.0  | 76.6   |

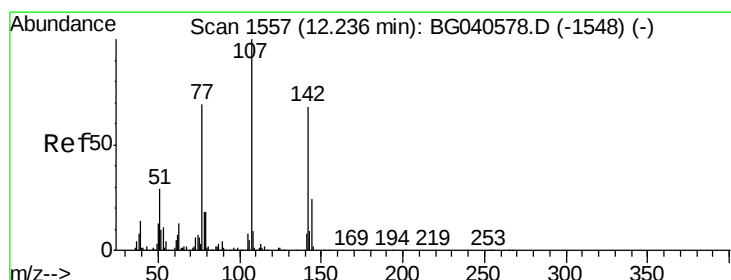
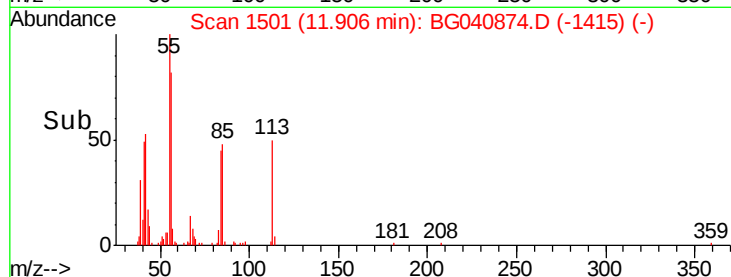
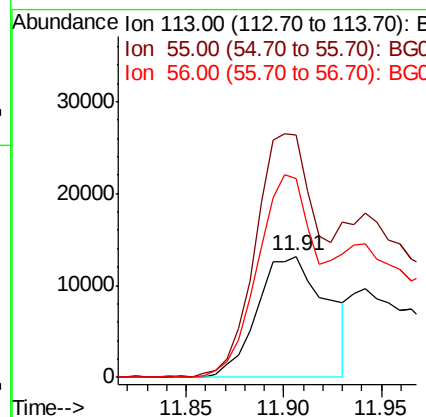
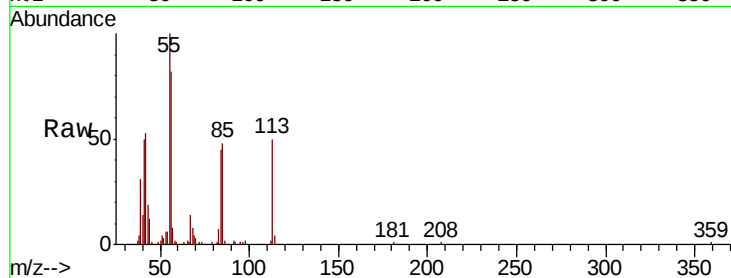




#35  
 Caprolactam  
 Concen: 20.306 ng  
 RT: 11.91 min Scan# 1501  
 Delta R.T. -0.02 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

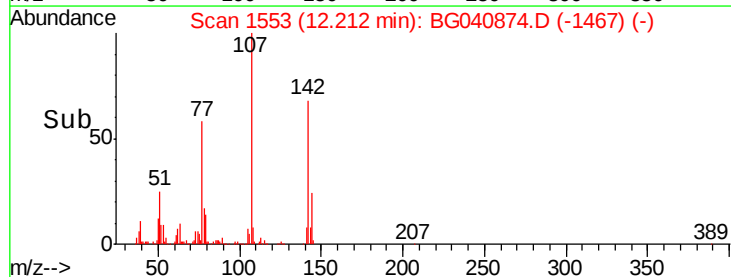
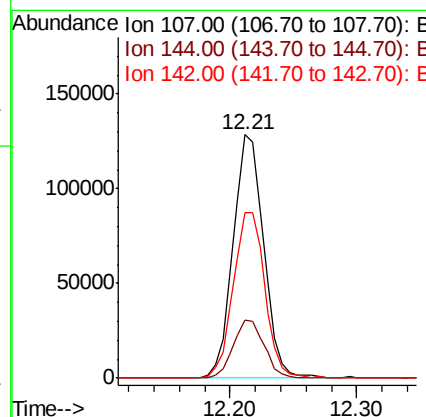
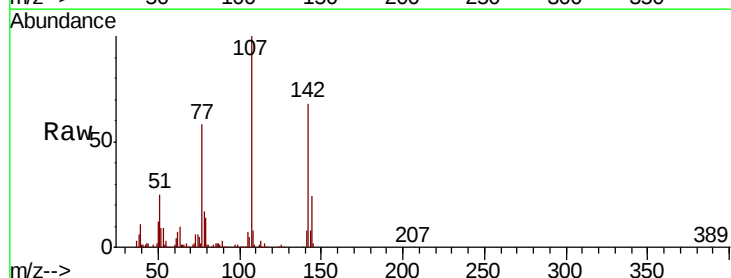
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119647BS

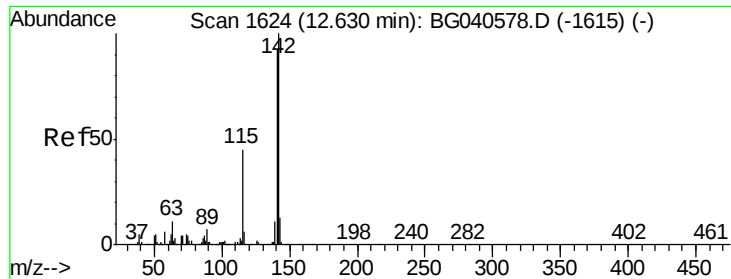
Tgt Ion:113 Resp: 32456  
 Ion Ratio Lower Upper  
 113 100  
 55 200.3 198.6 238.6  
 56 163.5 148.4 188.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.912 ng  
 RT: 12.21 min Scan# 1553  
 Delta R.T. -0.02 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

Tgt Ion:107 Resp: 214052  
 Ion Ratio Lower Upper  
 107 100  
 144 23.7 19.3 28.9  
 142 68.0 54.6 81.8

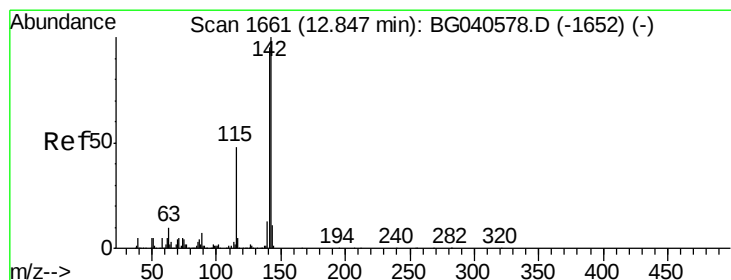
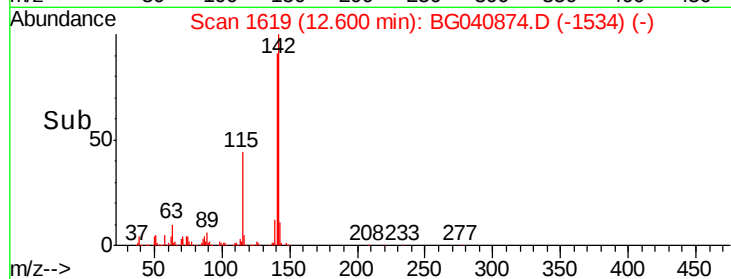
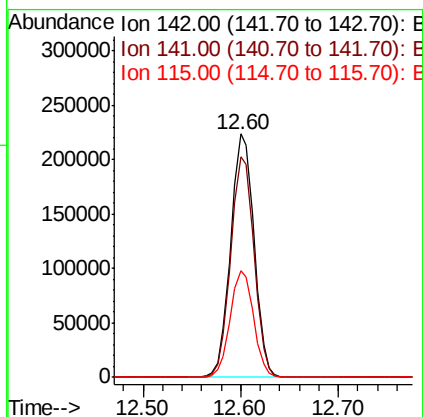
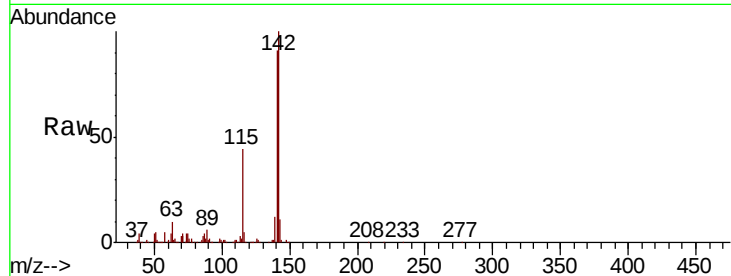




#37  
2-Methylnaphthalene  
Concen: 40.917 ng  
RT: 12.60 min Scan# 1619  
Delta R.T. -0.03 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

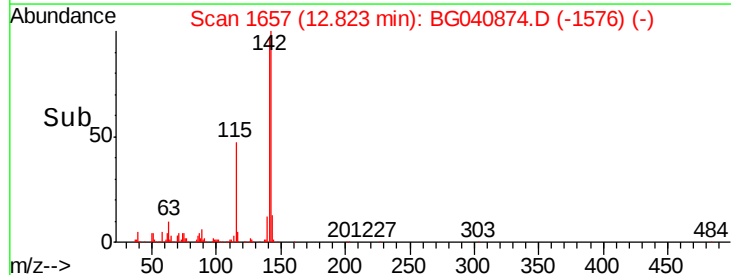
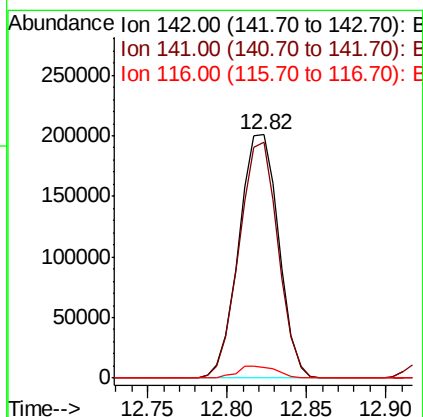
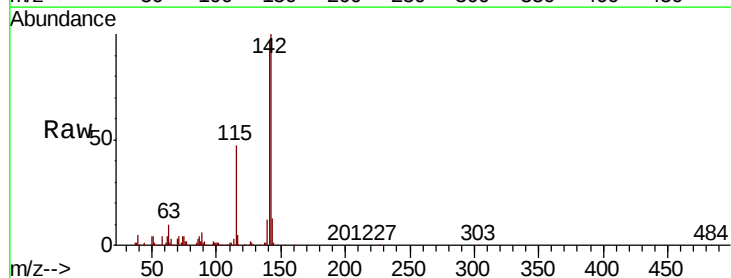
Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

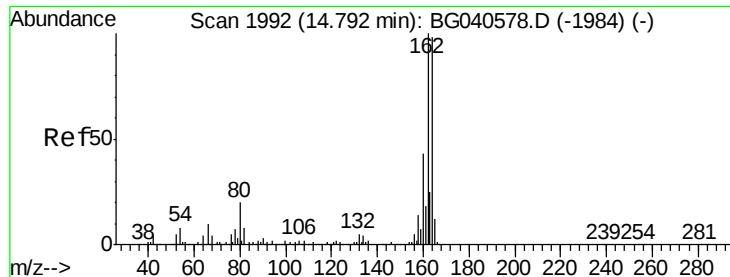
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.8  | 73.4  | 110.2 |
| 115     | 43.9  | 36.2  | 54.4  |



#38  
1-Methylnaphthalene  
Concen: 39.356 ng  
RT: 12.82 min Scan# 1657  
Delta R.T. -0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.9  | 75.9  | 113.9 |
| 116     | 4.6   | 4.2   | 6.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

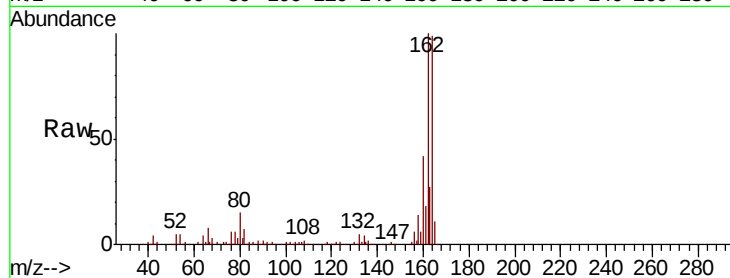
Tgt Ion:164 Resp: 172219

Ion Ratio Lower Upper

164 100

162 100.9 81.9 122.9

160 41.9 35.4 53.2

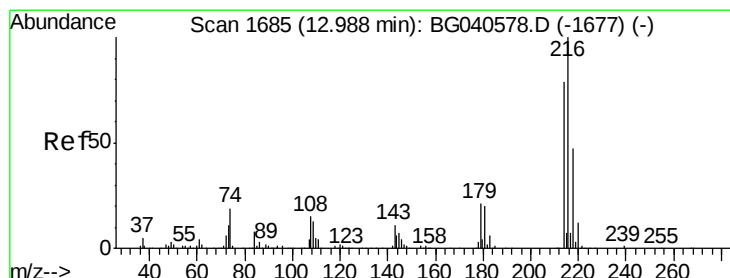
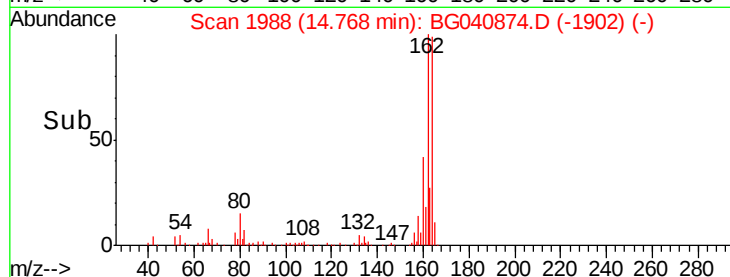
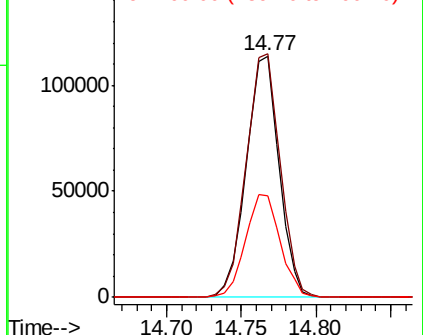


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.548 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion:216 Resp: 260138

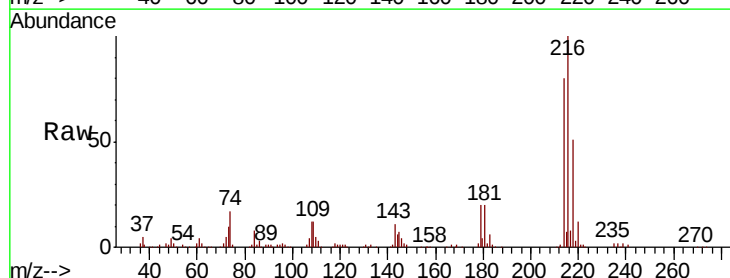
Ion Ratio Lower Upper

216 100

214 79.2 63.7 95.5

179 19.7 16.6 24.8

108 17.3 14.7 22.1



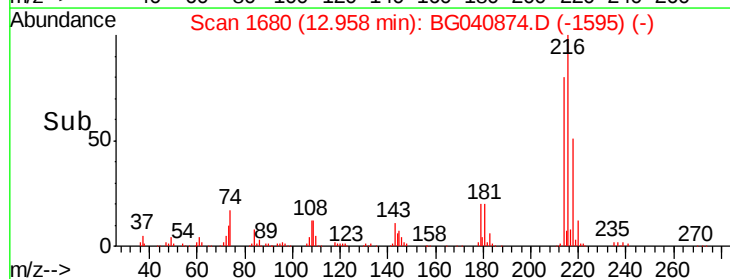
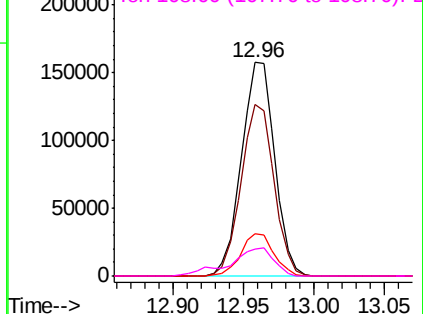
Abundance

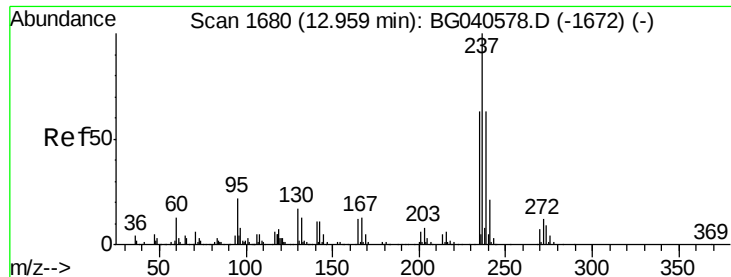
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.440 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

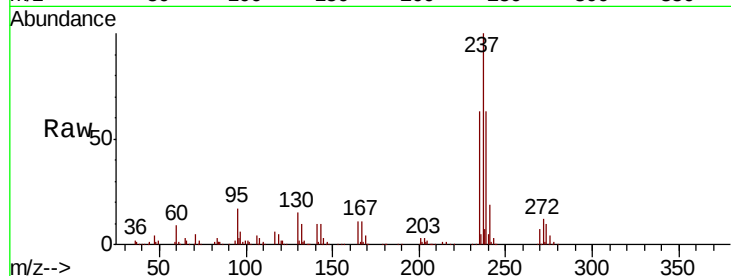
Tgt Ion:237 Resp: 331025

Ion Ratio Lower Upper

237 100

235 62.7 42.5 82.5

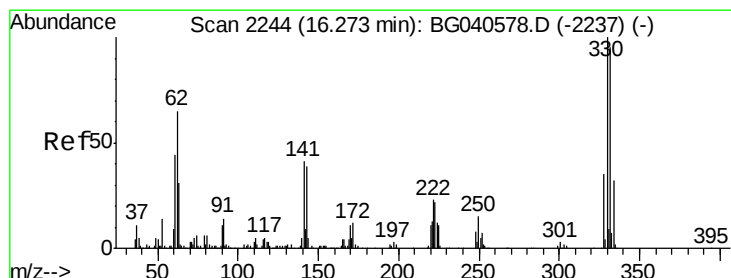
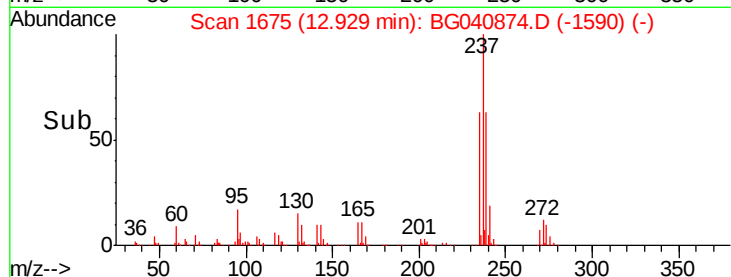
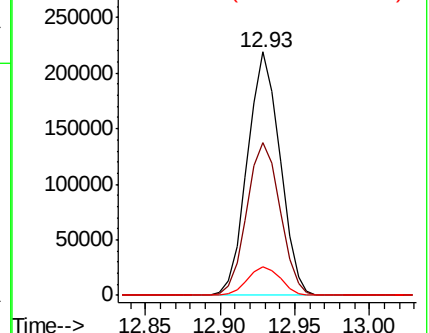
272 11.6 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 157.447 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

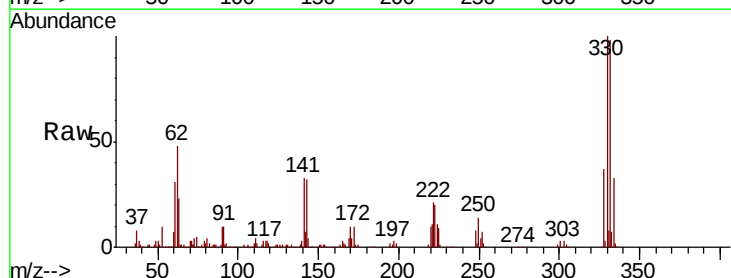
Tgt Ion:330 Resp: 372707

Ion Ratio Lower Upper

330 100

332 95.4 75.9 113.9

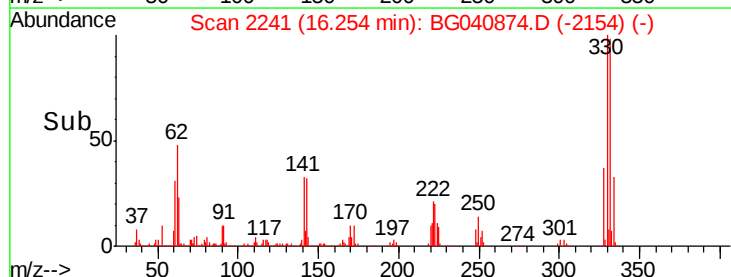
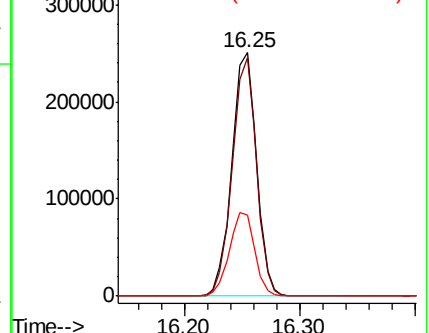
141 35.0 32.4 48.6

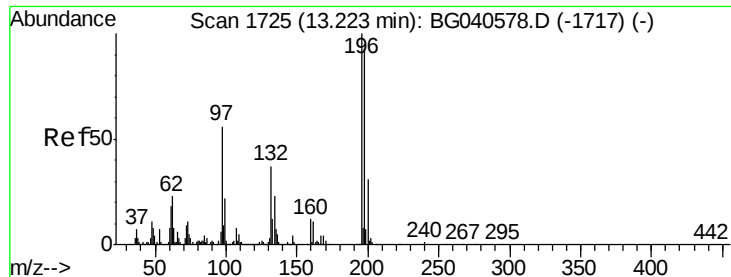


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

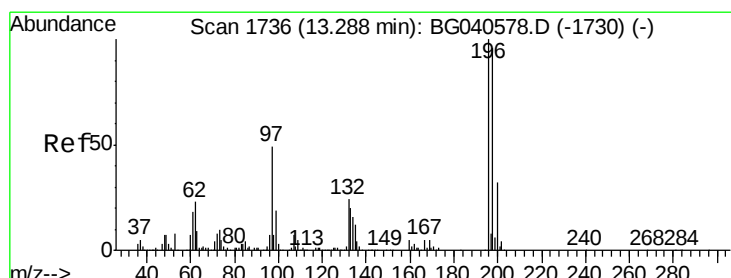
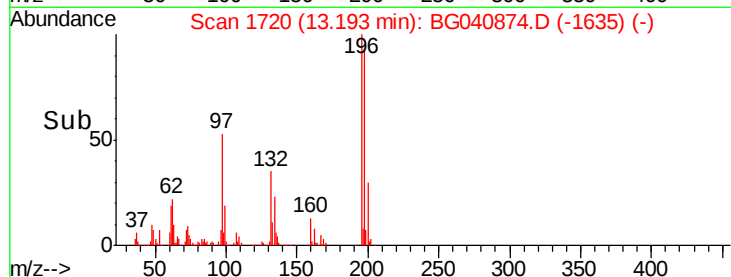
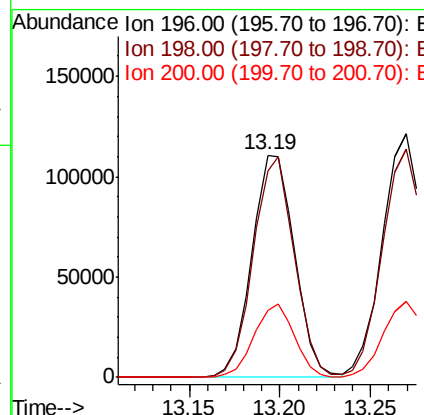
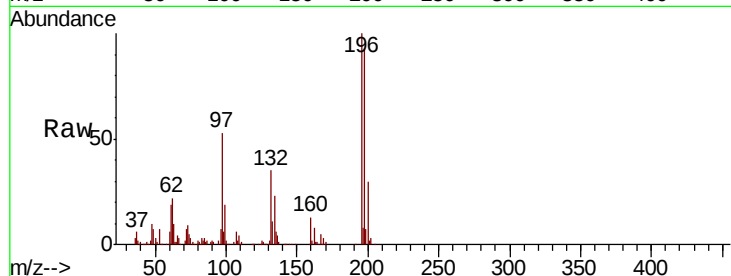




#43  
 2,4,6-Trichlorophenol  
 Concen: 46.725 ng  
 RT: 13.19 min Scan# 1720  
 Delta R.T. -0.03 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

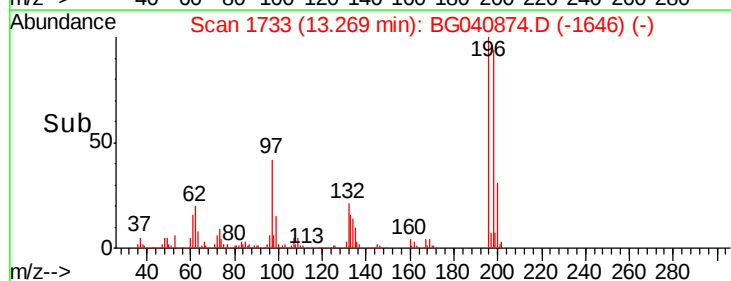
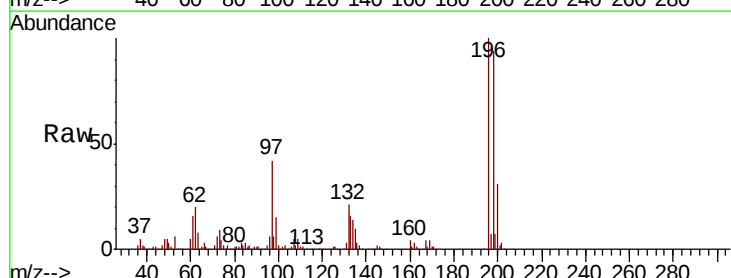
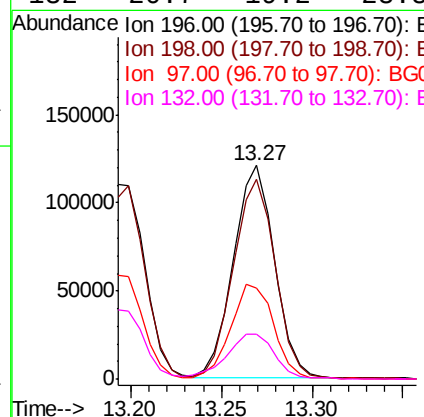
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119647BS

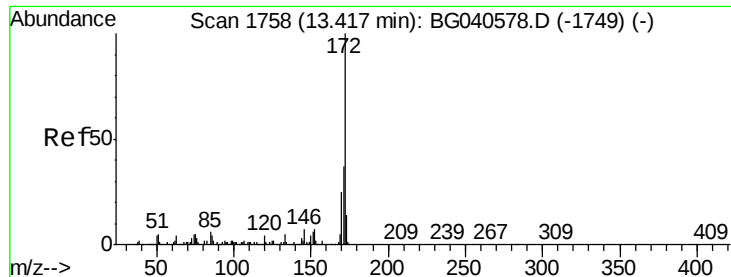
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.0  | 74.8  | 112.2 |
| 200     | 30.1  | 24.9  | 37.3  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.153 ng  
 RT: 13.27 min Scan# 1733  
 Delta R.T. -0.02 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.7  | 77.0  | 115.6 |
| 97      | 42.4  | 40.0  | 60.0  |
| 132     | 20.7  | 19.2  | 28.8  |

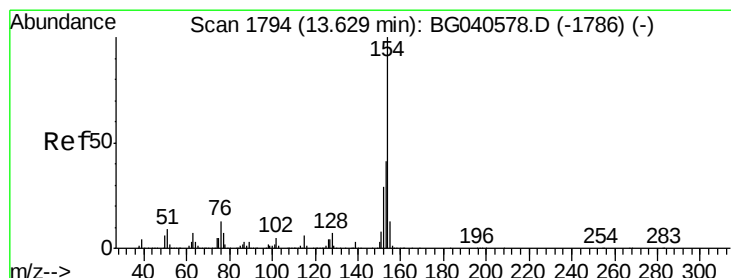
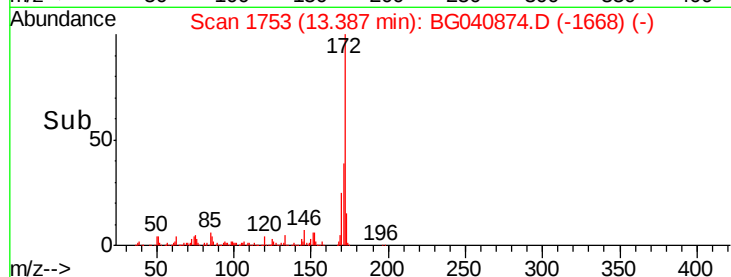
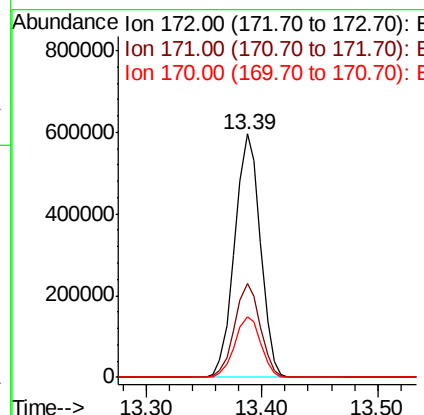
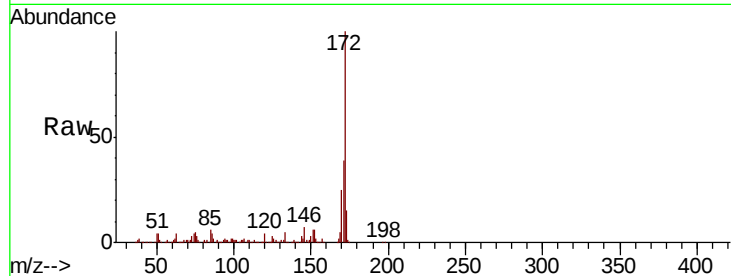




#45  
2-Fluorobiphenyl  
Concen: 76.789 ng  
RT: 13.39 min Scan# 1753  
Delta R.T. -0.03 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

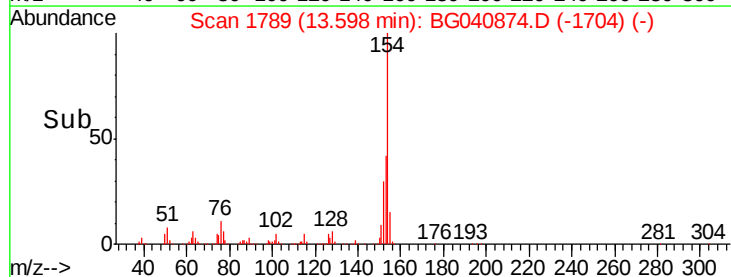
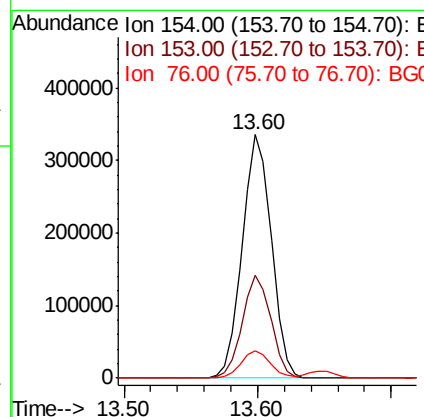
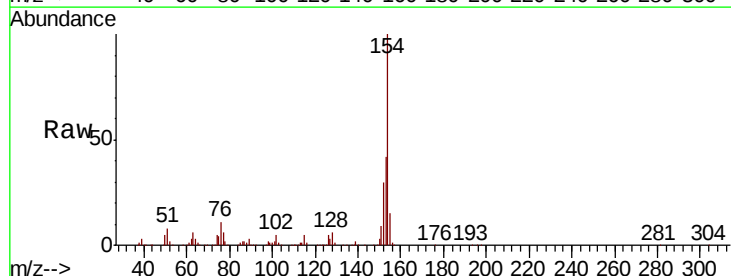
Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

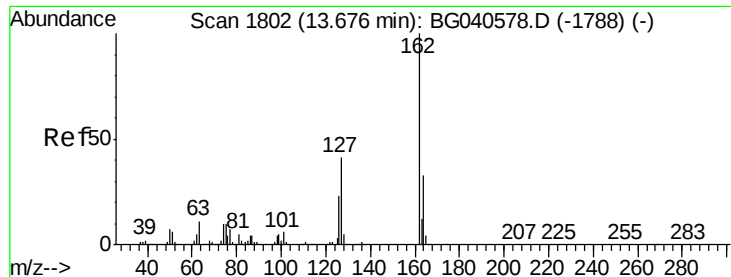
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.6  | 29.4  | 44.2  |
| 170     | 25.1  | 19.9  | 29.9  |



#46  
1,1'-Biphenyl  
Concen: 37.699 ng  
RT: 13.60 min Scan# 1789  
Delta R.T. -0.03 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.5  | 20.5  | 60.5  |
| 76      | 11.4  | 0.0   | 32.5  |

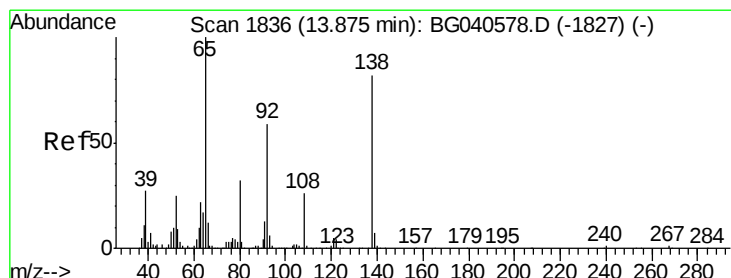
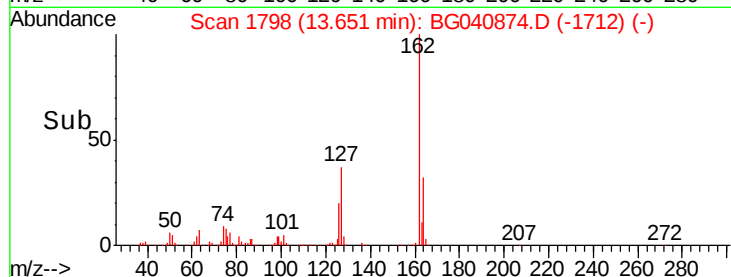
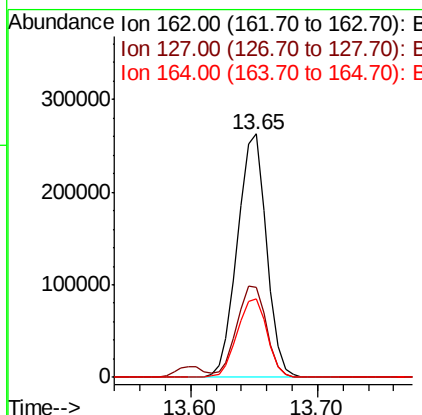
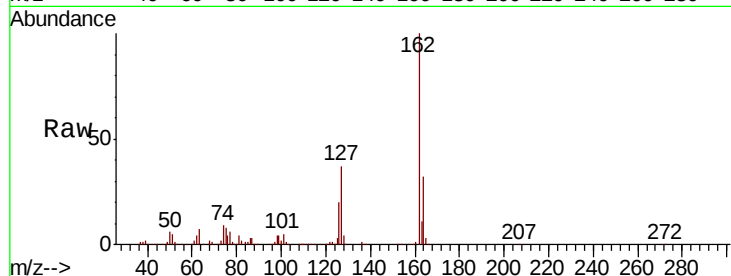




#47  
 2-Chloronaphthalene  
 Concen: 39.862 ng  
 RT: 13.65 min Scan# 1798  
 Delta R.T. -0.02 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

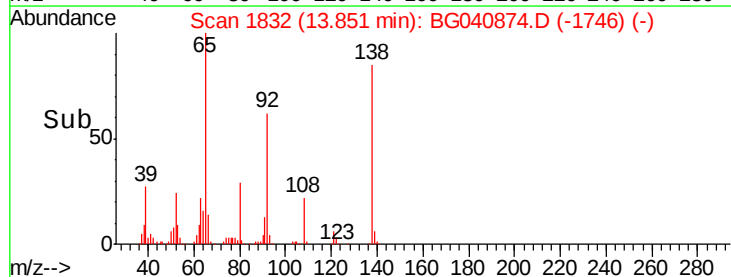
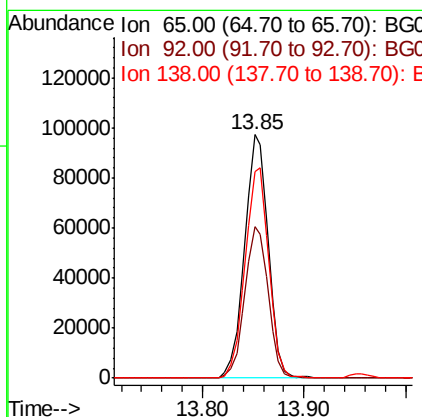
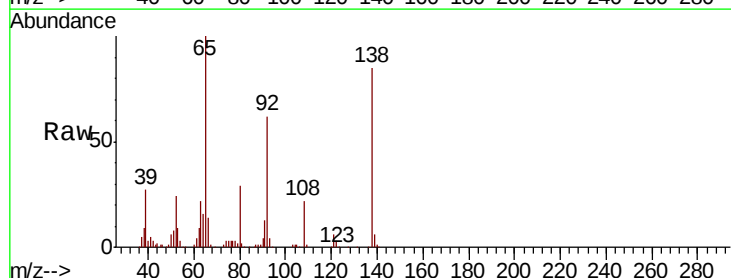
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119647BS

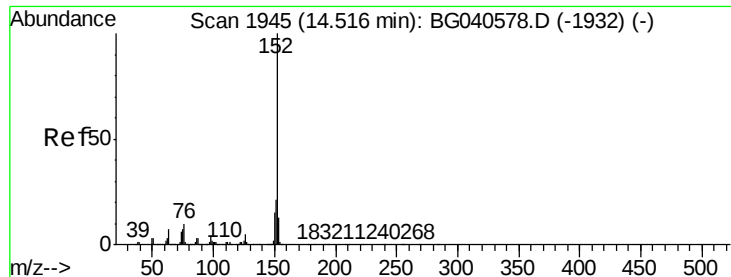
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.9  | 33.0  | 49.4  |
| 164     | 32.3  | 26.8  | 40.2  |



#48  
 2-Nitroaniline  
 Concen: 42.107 ng  
 RT: 13.85 min Scan# 1832  
 Delta R.T. -0.02 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 62.3  | 47.4  | 71.0  |
| 138     | 84.7  | 66.1  | 99.1  |





#49

Acenaphthylene

Concen: 36.446 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

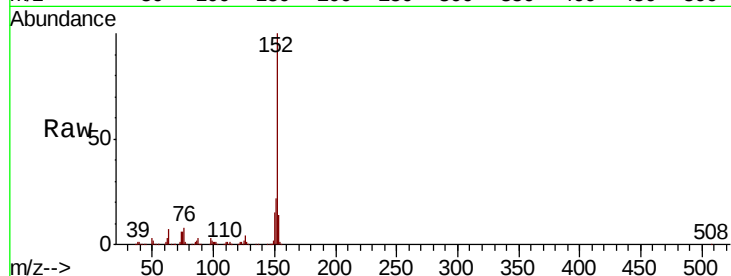
Tgt Ion:152 Resp: 647050

Ion Ratio Lower Upper

152 100

151 22.1 17.2 25.8

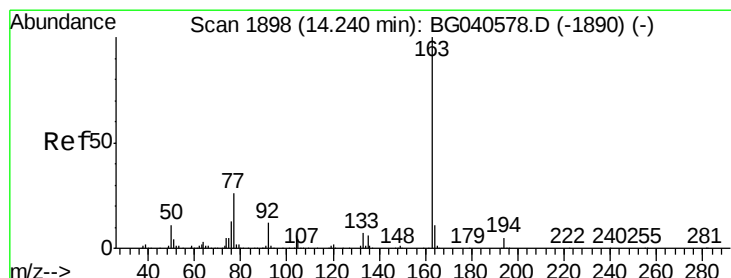
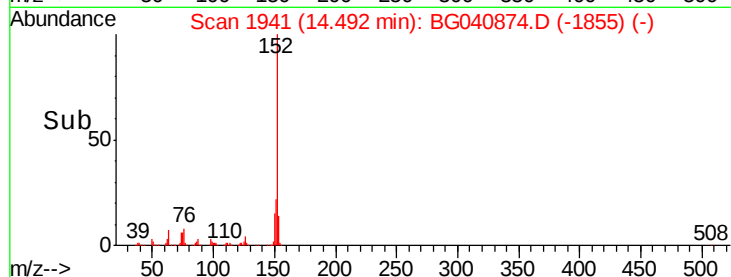
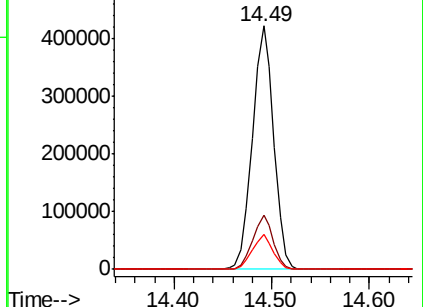
153 14.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.049 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

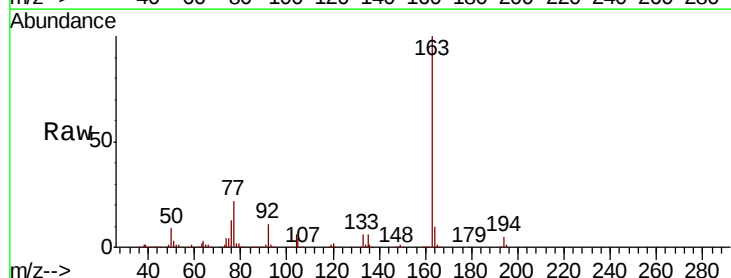
Tgt Ion:163 Resp: 577069

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

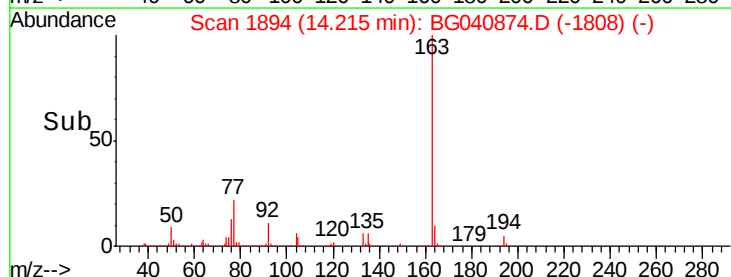
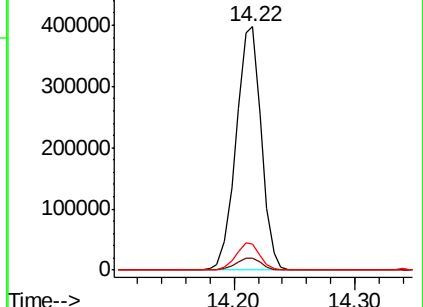
164 10.5 8.8 13.2

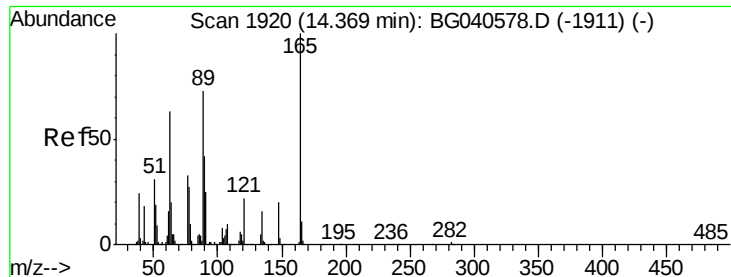


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.229 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

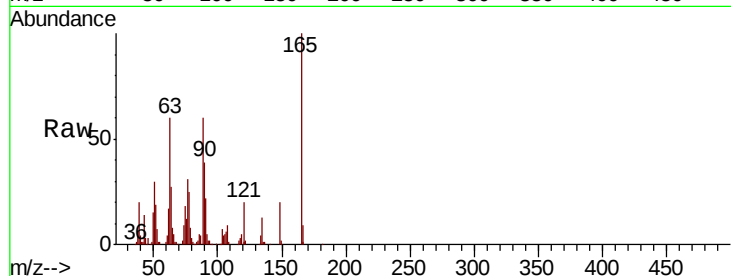
Tgt Ion:165 Resp: 127196

Ion Ratio Lower Upper

165 100

63 60.1 61.0 91.4#

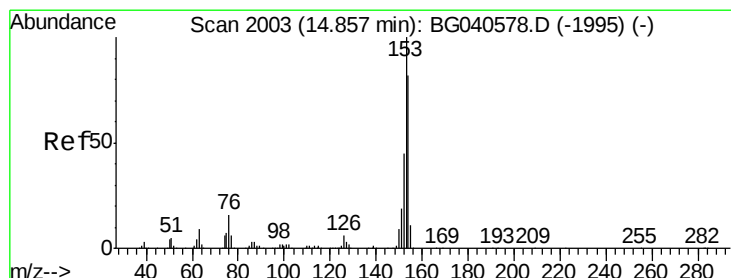
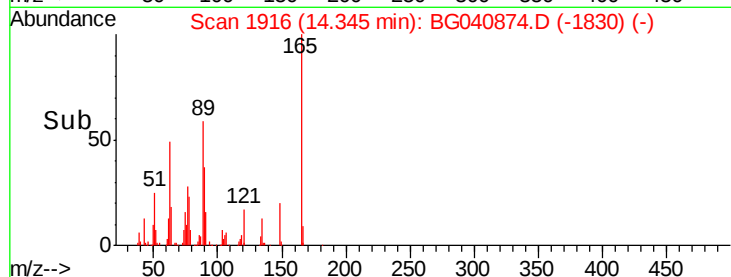
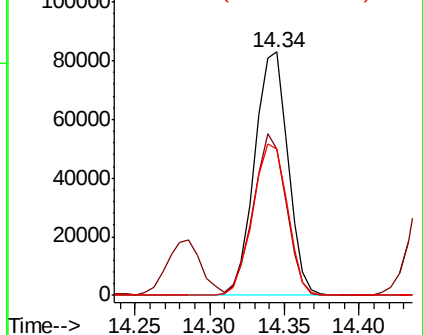
89 60.1 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 37.720 ng

RT: 14.83 min Scan# 1998

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

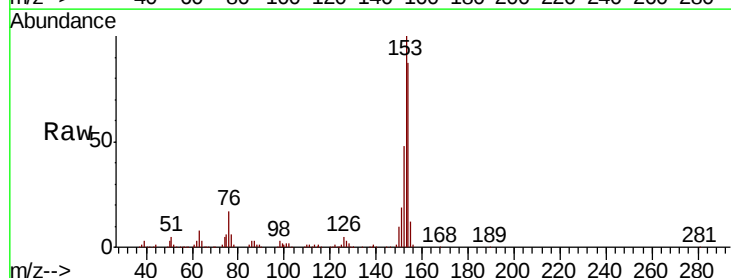
Tgt Ion:154 Resp: 389991

Ion Ratio Lower Upper

154 100

153 114.6 97.0 145.6

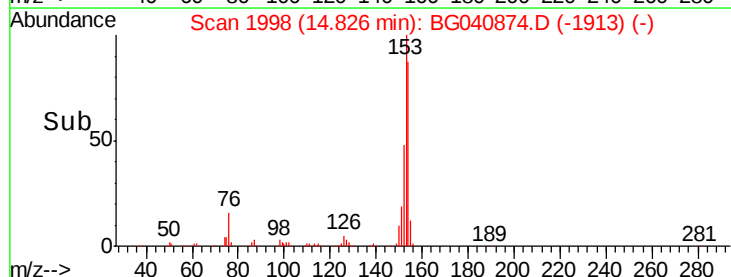
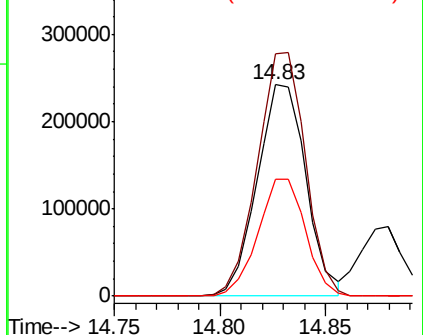
152 55.4 44.1 66.1

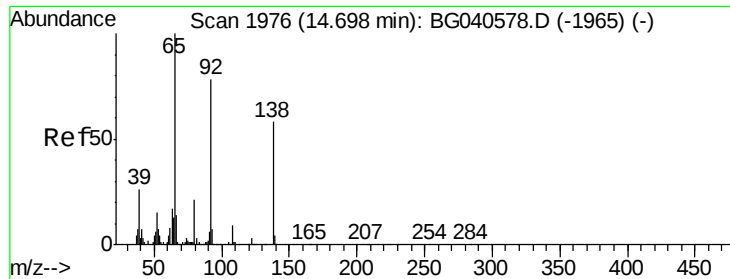


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

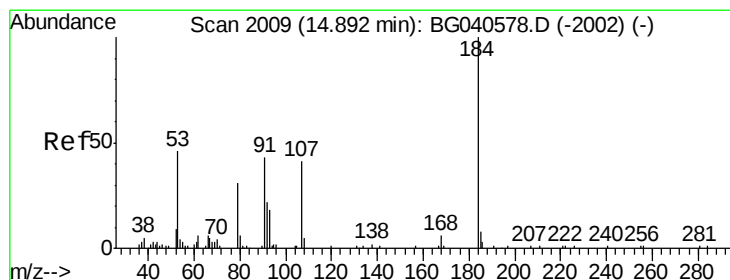
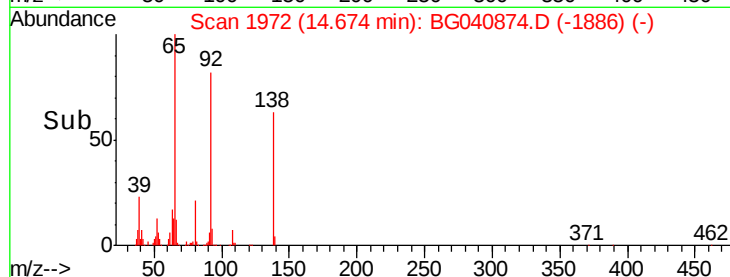
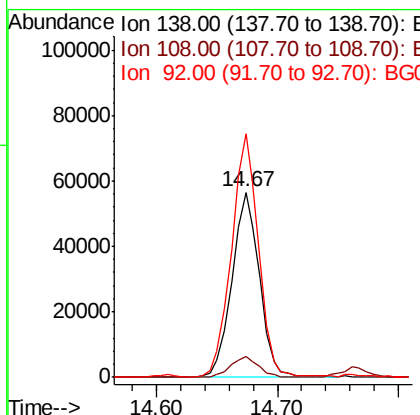
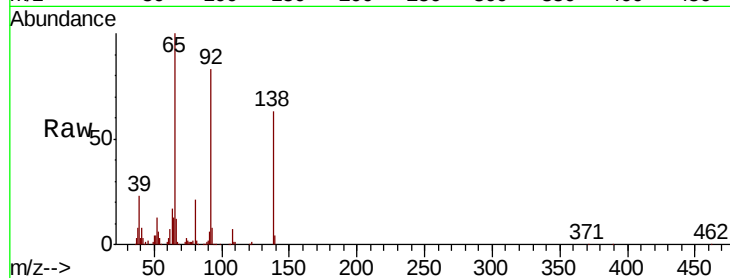




#53  
 3-Nitroaniline  
 Concen: 31.030 ng  
 RT: 14.67 min Scan# 1972  
 Delta R.T. -0.02 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

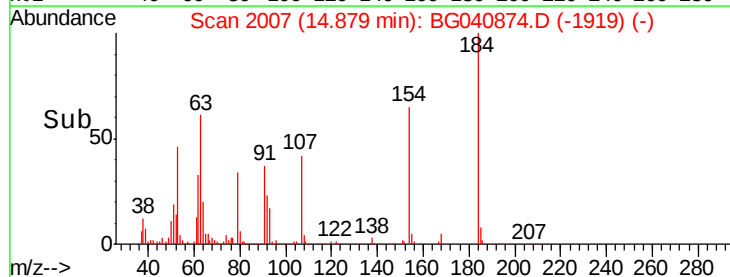
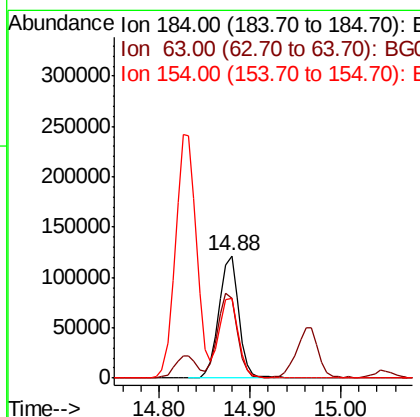
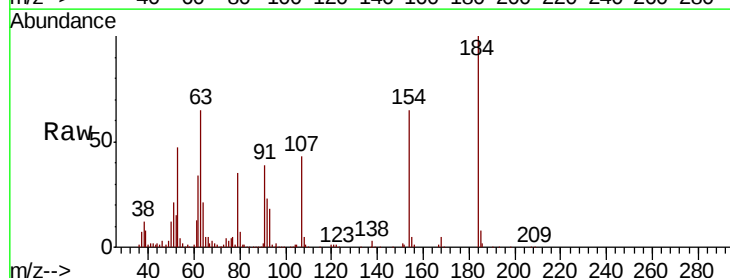
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119647BS

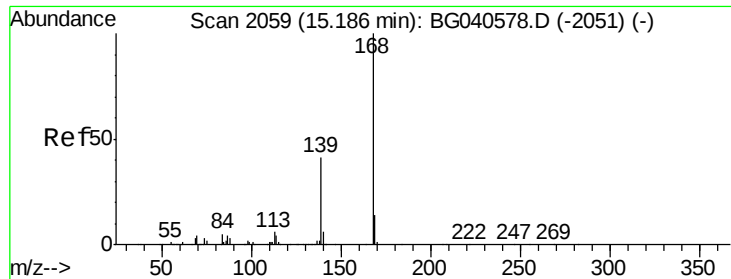
Tgt Ion:138 Resp: 89413  
 Ion Ratio Lower Upper  
 138 100  
 108 11.3 12.4 18.6#  
 92 131.4 108.6 162.8



#54  
 2,4-Dinitrophenol  
 Concen: 112.633 ng  
 RT: 14.88 min Scan# 2007  
 Delta R.T. -0.01 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

Tgt Ion:184 Resp: 183620  
 Ion Ratio Lower Upper  
 184 100  
 63 64.5 51.8 77.6  
 154 64.9 43.6 65.4





#55

Dibenzofuran

Concen: 39.346 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

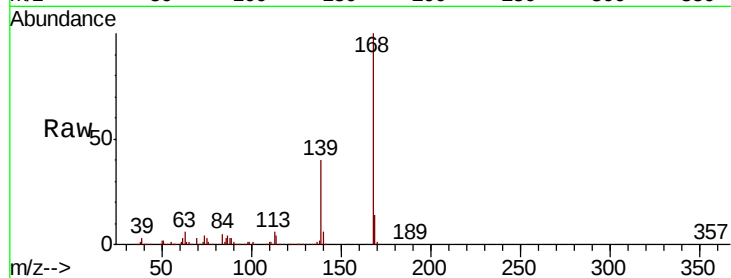
Tgt Ion:168 Resp: 666317

Ion Ratio Lower Upper

168 100

139 40.5 33.0 49.4

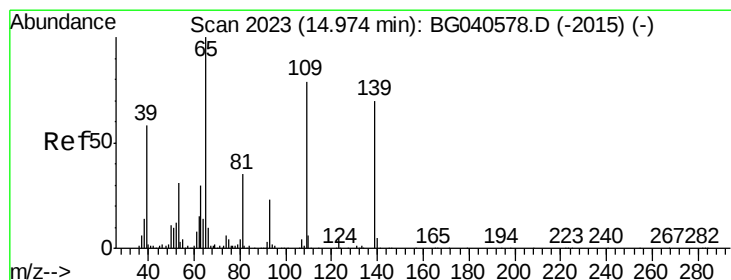
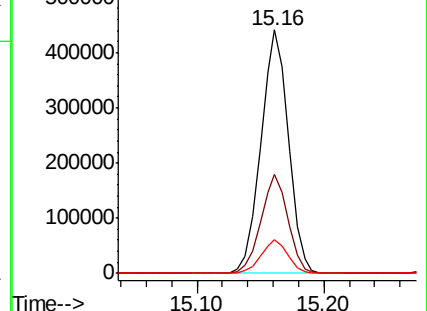
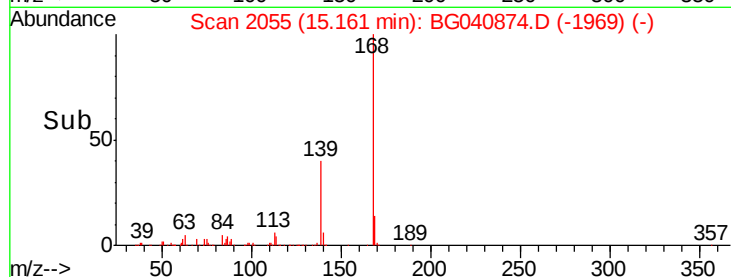
169 14.0 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.098 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

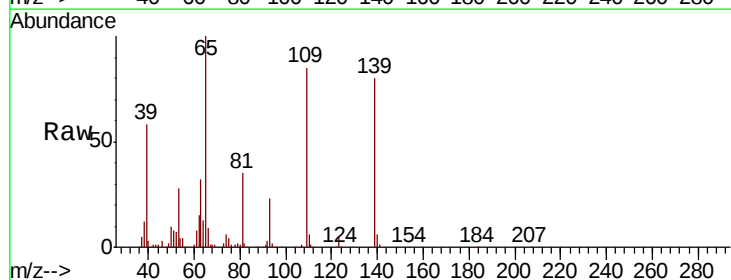
Tgt Ion:139 Resp: 207623

Ion Ratio Lower Upper

139 100

109 106.1 93.8 133.8

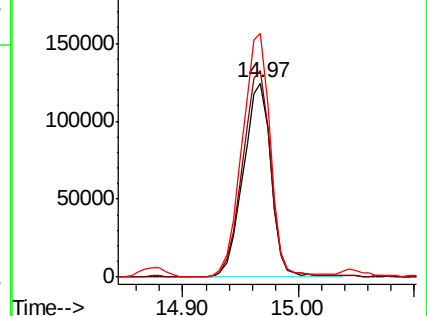
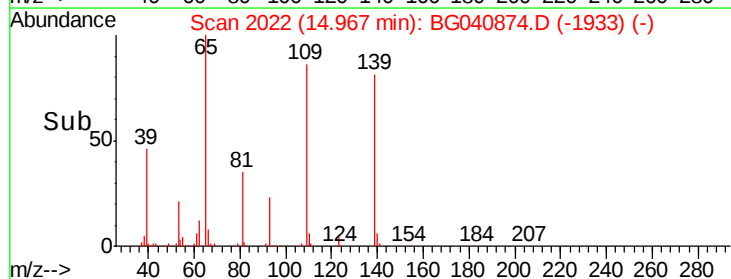
65 125.4 122.7 162.7

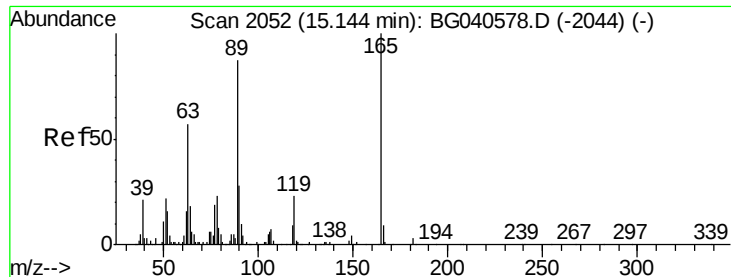


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

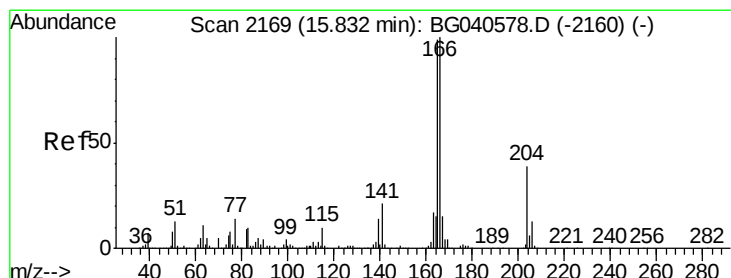
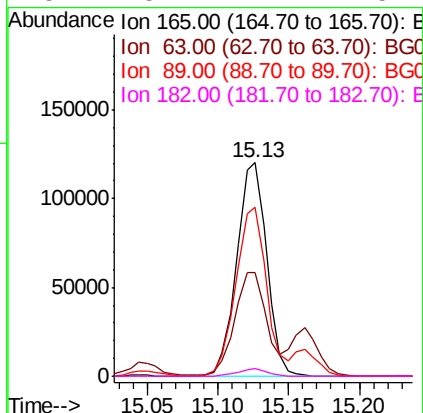
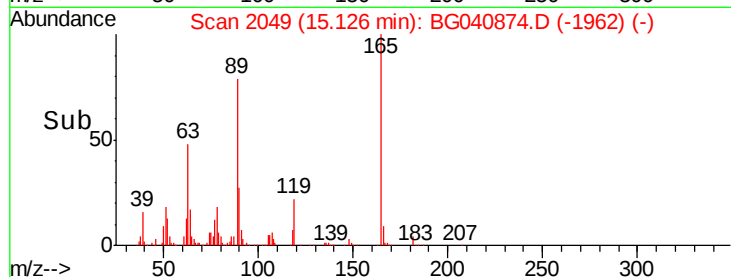
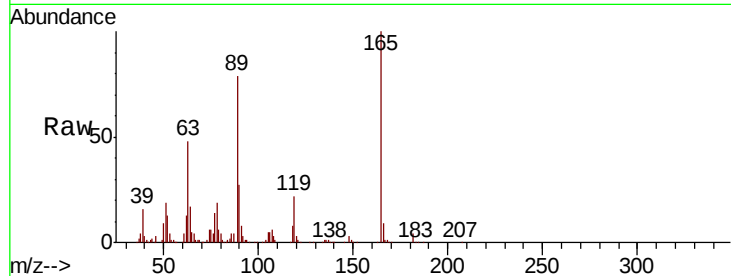




#57  
2,4-Dinitrotoluene  
Concen: 46.620 ng  
RT: 15.13 min Scan# 2049  
Delta R.T. -0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

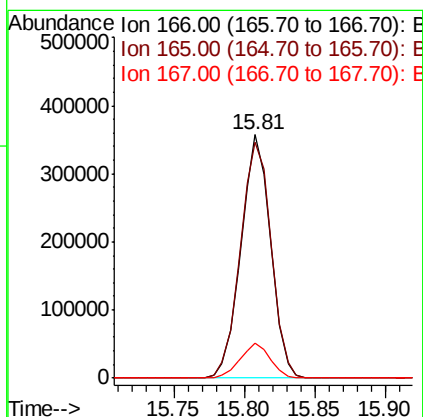
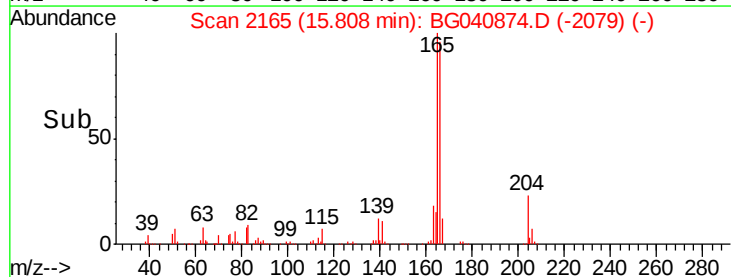
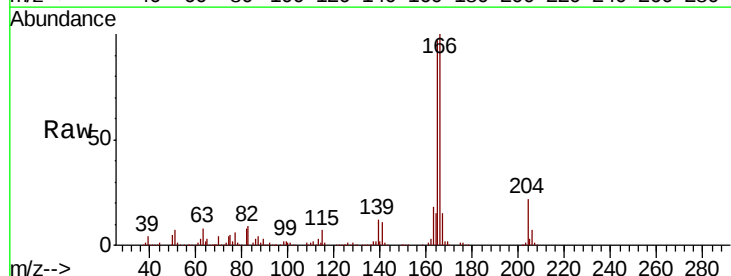
Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

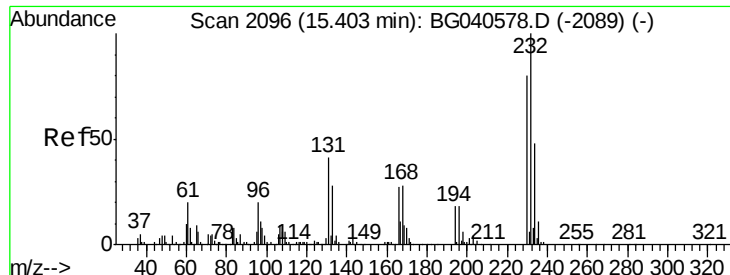
Tgt Ion:165 Resp: 178154  
Ion Ratio Lower Upper  
165 100  
63 48.4 45.8 68.8  
89 79.0 69.4 104.2  
182 3.7 2.2 3.4#



#58  
Fluorene  
Concen: 38.233 ng  
RT: 15.81 min Scan# 2165  
Delta R.T. -0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Tgt Ion:166 Resp: 523323  
Ion Ratio Lower Upper  
166 100  
165 97.0 79.6 119.4  
167 14.6 12.2 18.2

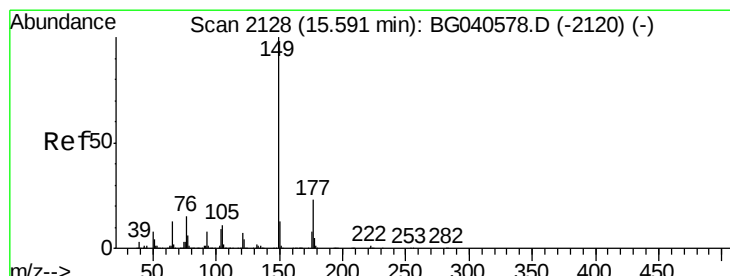
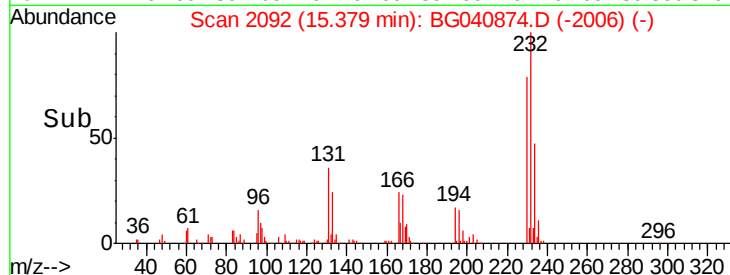
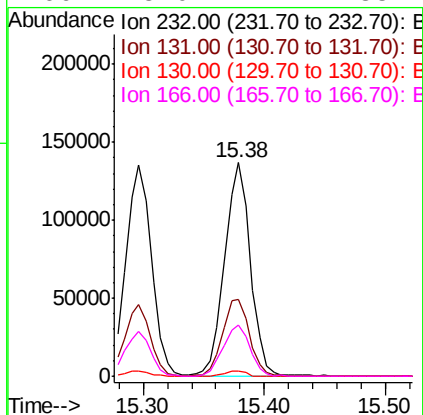
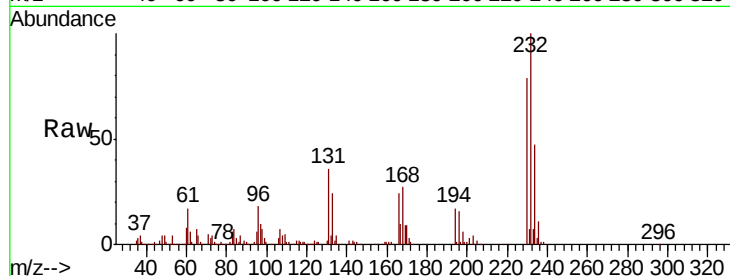




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.518 ng  
 RT: 15.38 min Scan# 2092  
 Delta R.T. -0.02 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

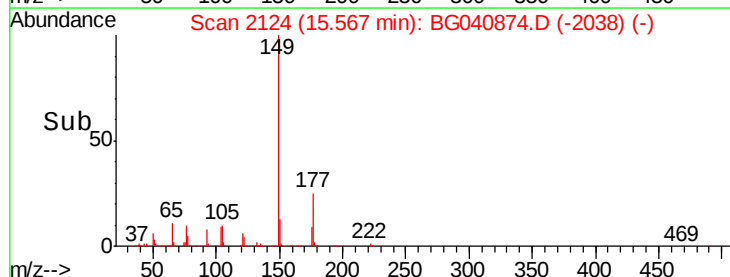
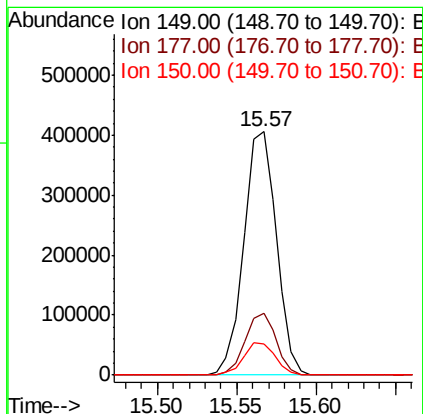
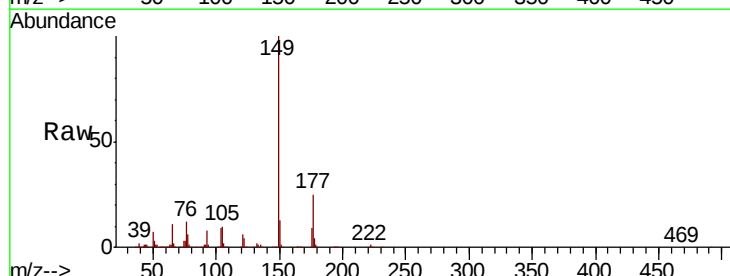
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119647BS

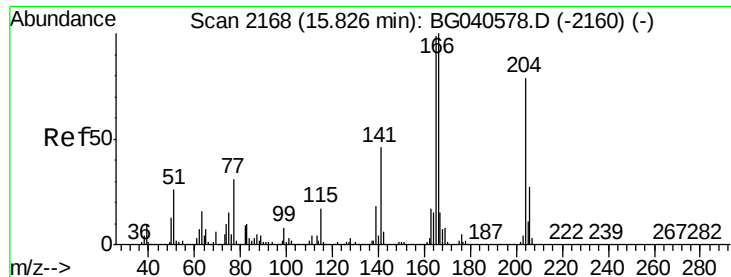
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 201997 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 37.2  | 33.0  | 49.4   |
| 130      | 2.1   | 2.0   | 3.0    |
| 166      | 25.0  | 22.1  | 33.1   |



#60  
 Diethylphthalate  
 Concen: 38.116 ng  
 RT: 15.57 min Scan# 2124  
 Delta R.T. -0.02 min  
 Lab File: BG040874.D  
 Acq: 11 May 2019 15:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 579472 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 25.3  | 18.5  | 27.7   |
| 150      | 12.7  | 10.2  | 15.4   |

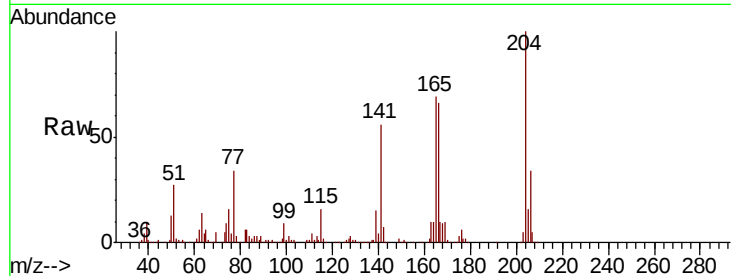




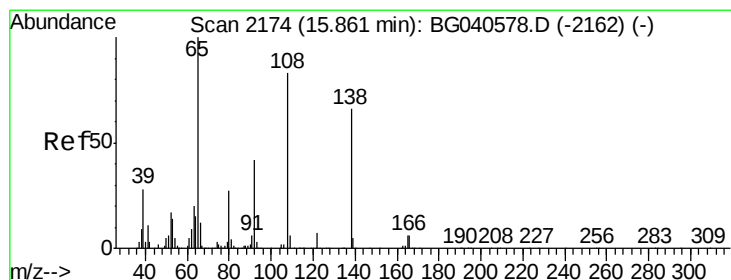
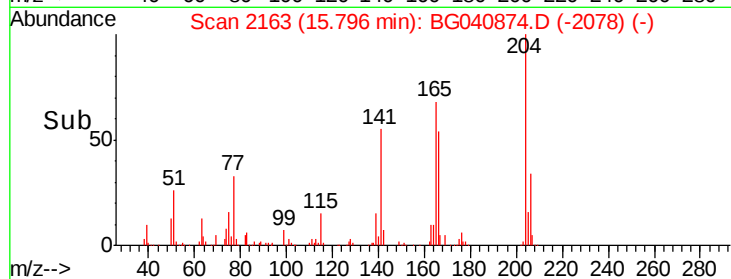
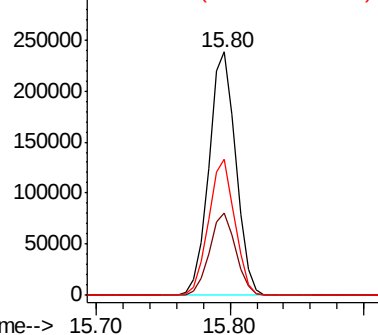
#61  
4-Chlorophenyl-phenylether  
Concen: 41.670 ng  
RT: 15.80 min Scan# 2163  
Delta R.T. -0.03 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

Tgt Ion: 204 Resp: 331731  
Ion Ratio Lower Upper  
204 100  
206 33.9 27.4 41.2  
141 55.7 46.0 69.0

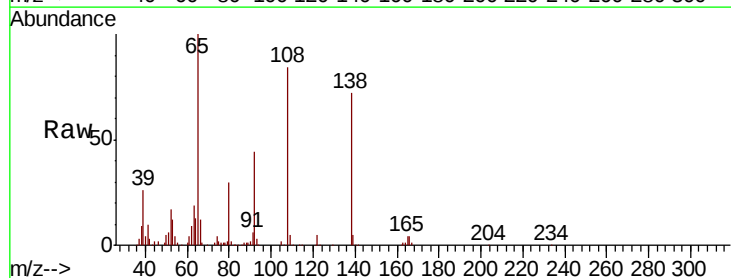


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

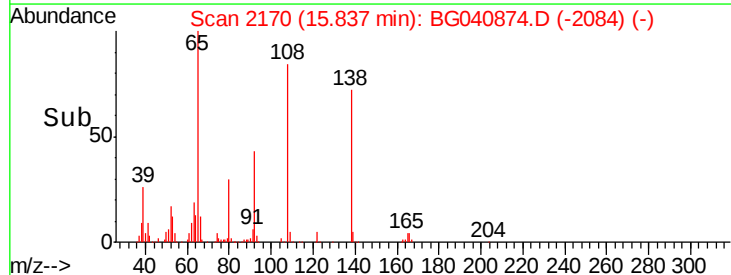
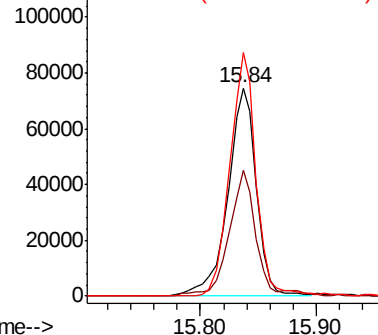


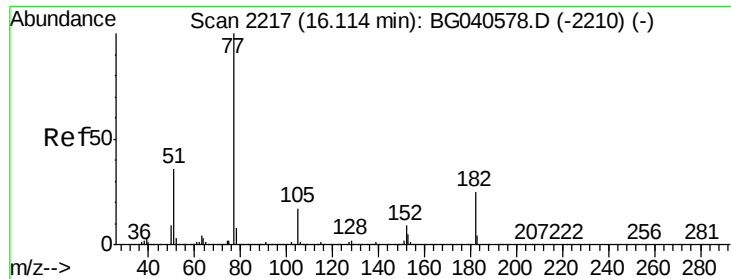
#62  
4-Nitroaniline  
Concen: 39.781 ng  
RT: 15.84 min Scan# 2170  
Delta R.T. -0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Tgt Ion: 138 Resp: 128225  
Ion Ratio Lower Upper  
138 100  
92 60.6 43.9 83.9  
108 117.1 106.5 146.5



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





#63

Azobenzene

Concen: 34.687 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

Tgt Ion: 77 Resp: 543078

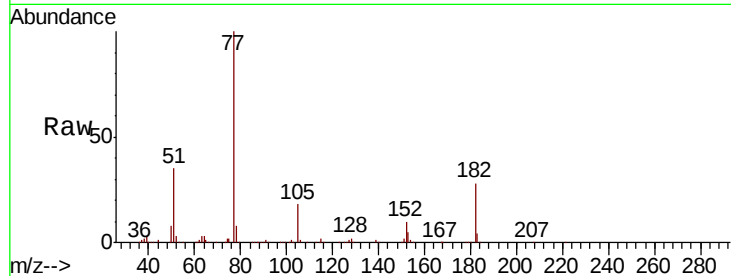
Ion Ratio Lower Upper

77 100

182 28.0 5.0 45.0

105 18.5 0.0 37.6

51 34.6 16.3 56.3

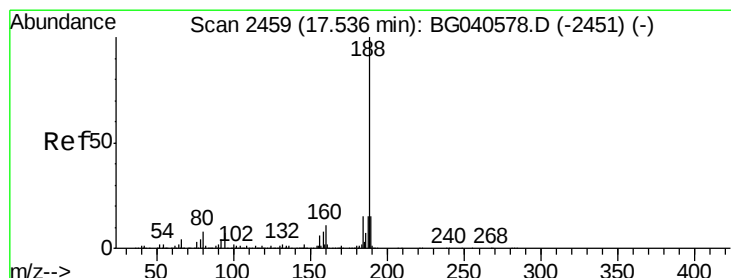
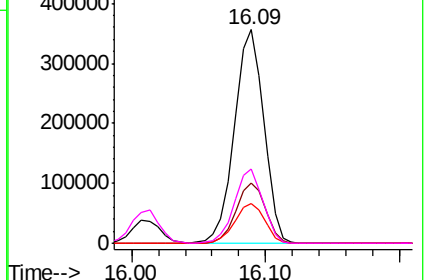
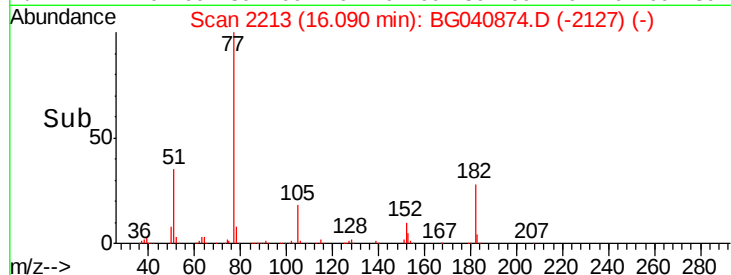


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

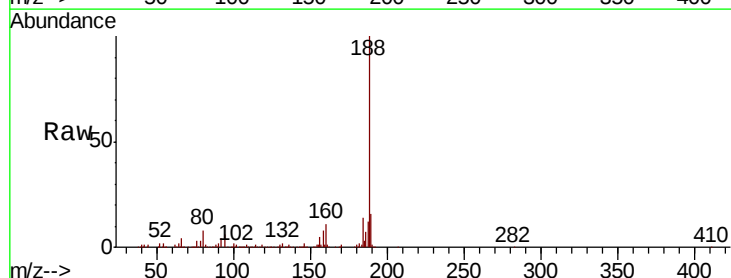
Tgt Ion: 188 Resp: 439702

Ion Ratio Lower Upper

188 100

94 6.1 5.6 8.4

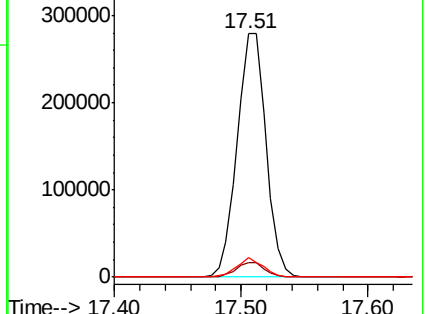
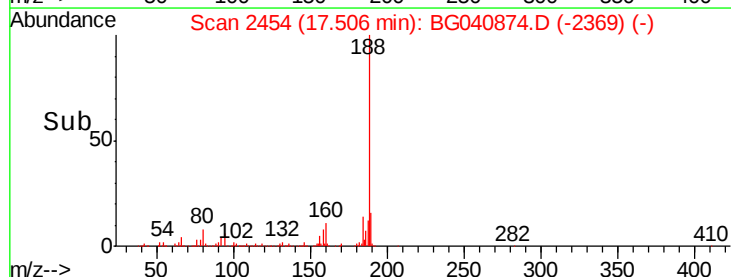
80 7.9 6.4 9.6

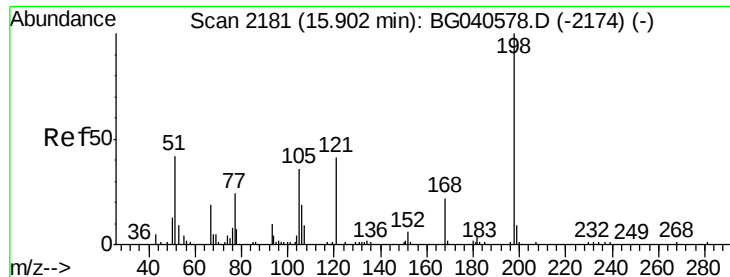


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 51.629 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

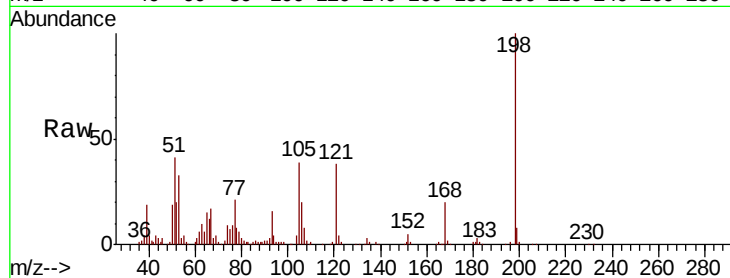
BNA\_G

ClientSampleId :

PB119647BS

Tgt Ion:198 Resp: 113220

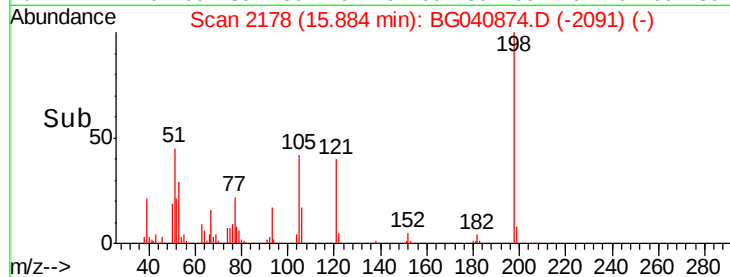
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 41.5  | 35.9  | 75.9  |
| 105 | 38.5  | 21.2  | 61.2  |



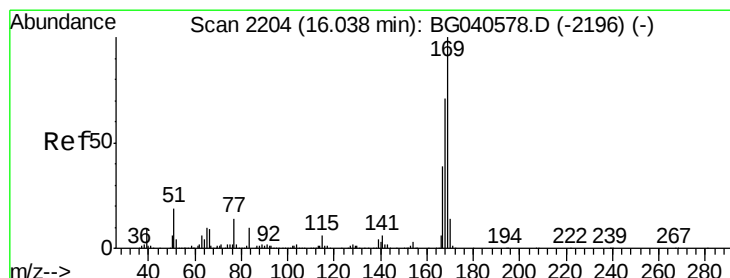
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040874.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 38.101 ng

RT: 16.01 min Scan# 2200

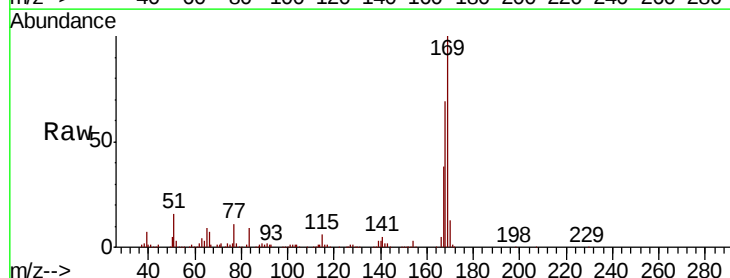
Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion:169 Resp: 492899

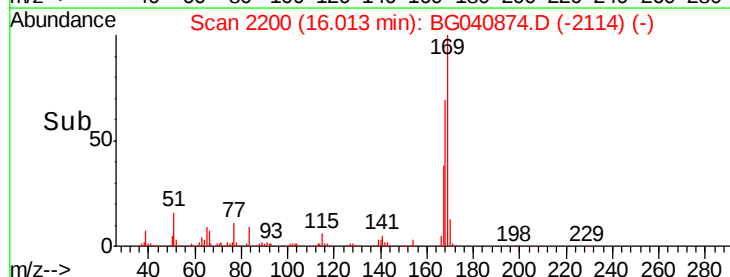
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 69.3  | 56.8  | 85.2  |
| 167 | 37.5  | 31.4  | 47.0  |



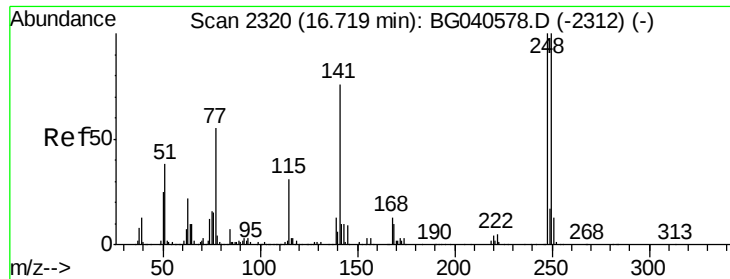
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



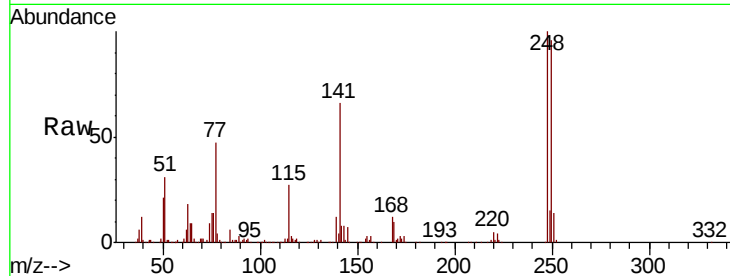
Time-->



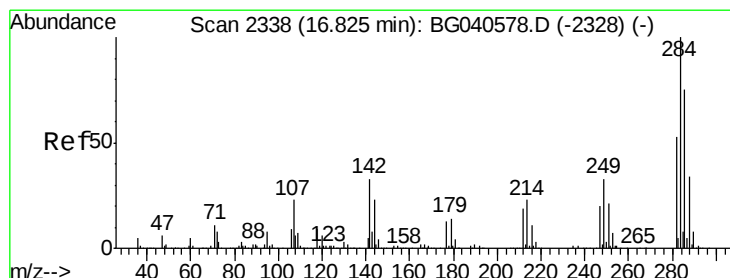
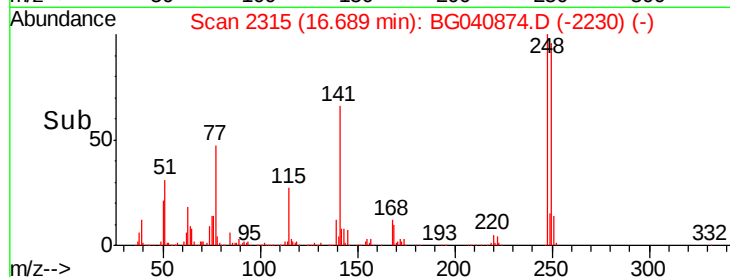
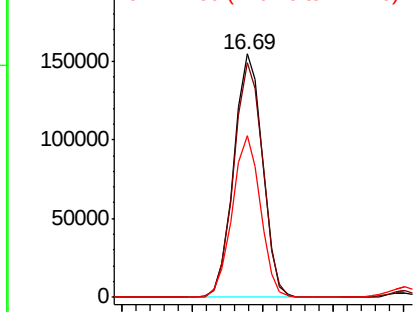
#67  
4-Bromophenyl-phenylether  
Concen: 39.943 ng  
RT: 16.69 min Scan# 2315  
Delta R.T. -0.03 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

Tgt Ion:248 Resp: 218809  
Ion Ratio Lower Upper  
248 100  
250 96.3 79.8 119.6  
141 66.4 60.8 91.2

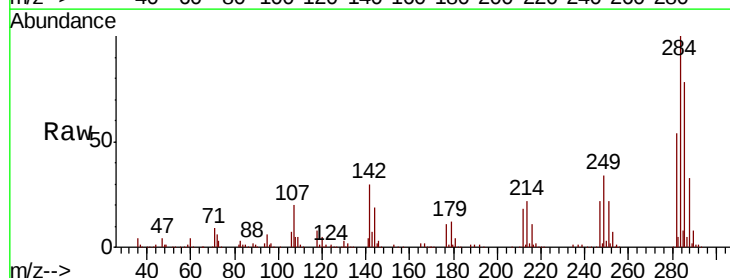


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

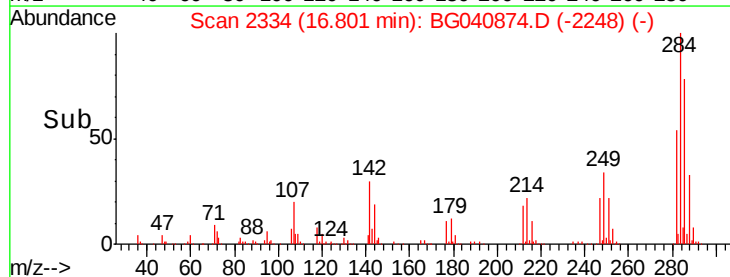
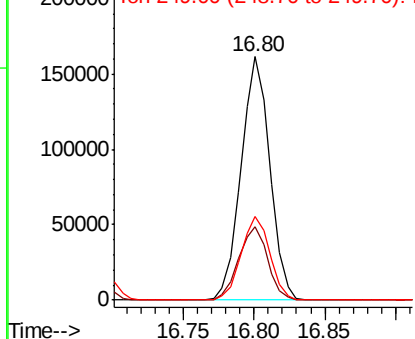


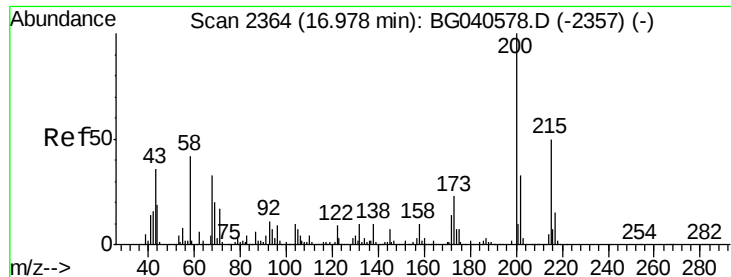
#68  
Hexachlorobenzene  
Concen: 40.527 ng  
RT: 16.80 min Scan# 2334  
Delta R.T. -0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Tgt Ion:284 Resp: 229561  
Ion Ratio Lower Upper  
284 100  
142 30.0 26.6 40.0  
249 34.3 26.0 39.0



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.159 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

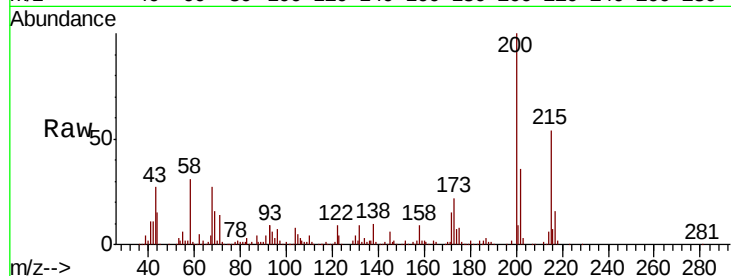
Tgt Ion:200 Resp: 210955

Ion Ratio Lower Upper

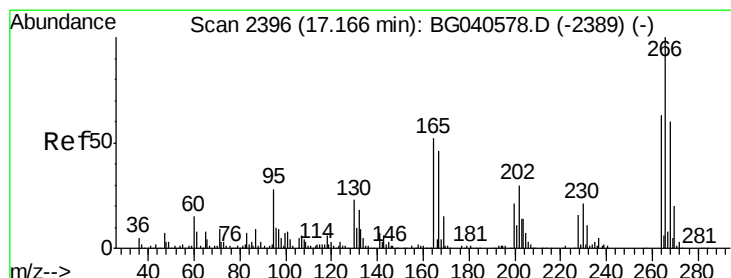
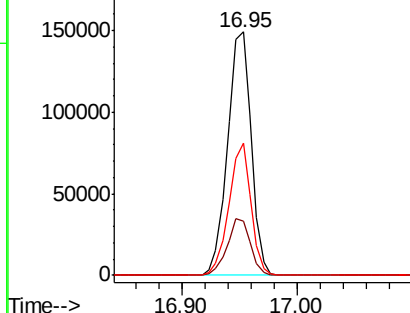
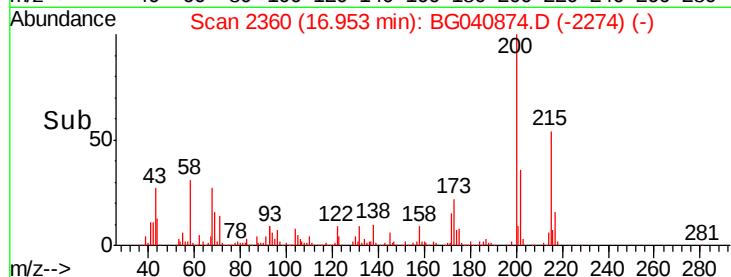
200 100

173 22.0 2.8 42.8

215 54.5 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 92.288 ng

RT: 17.15 min Scan# 2393

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

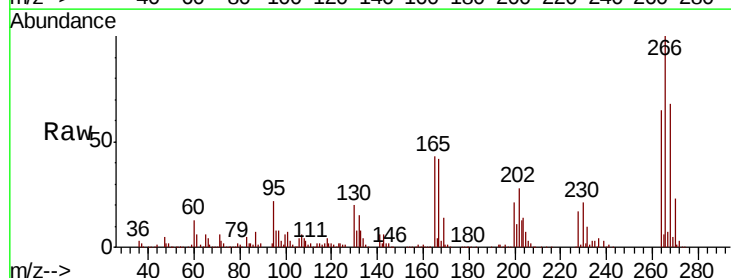
Tgt Ion:266 Resp: 305899

Ion Ratio Lower Upper

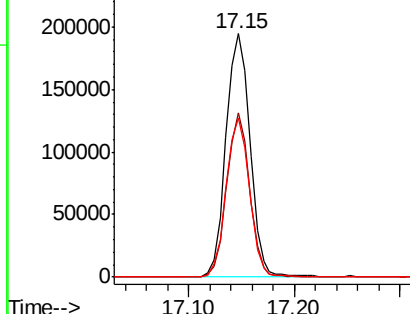
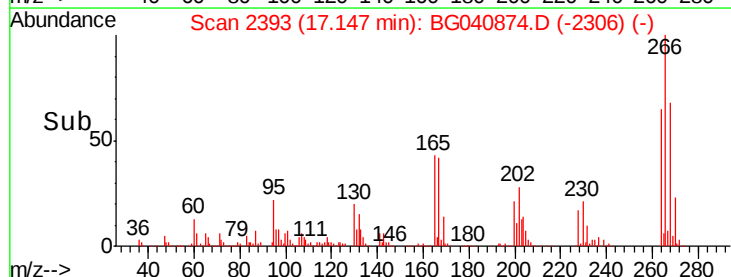
266 100

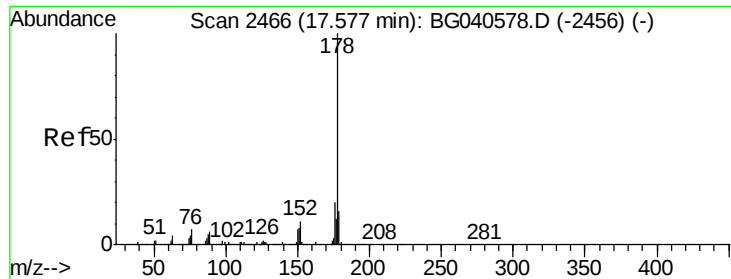
268 67.7 52.3 78.5

264 65.1 50.0 75.0



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.887 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

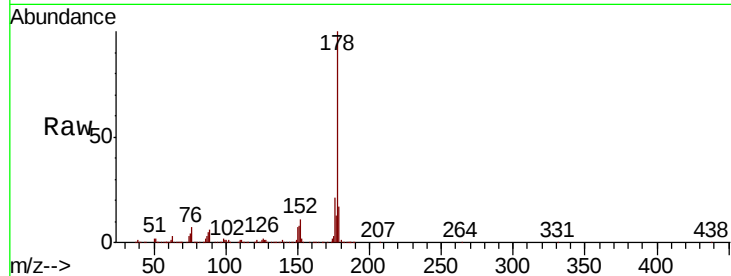
Tgt Ion:178 Resp: 897293

Ion Ratio Lower Upper

178 100

176 20.7 15.8 23.6

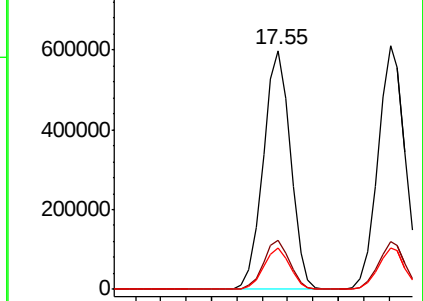
179 17.2 12.6 18.8



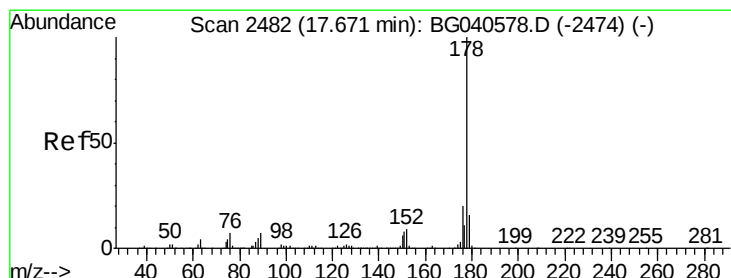
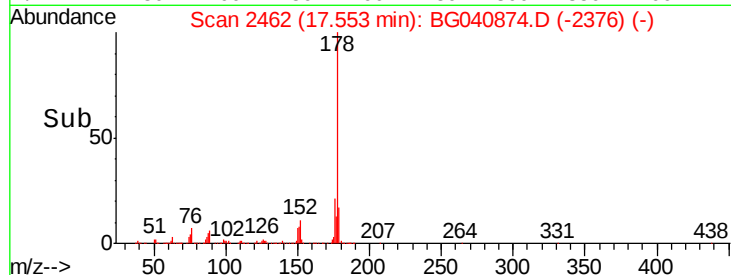
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 38.452 ng

RT: 17.64 min Scan# 2477

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

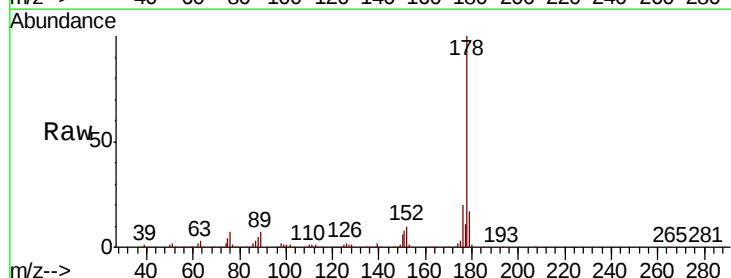
Tgt Ion:178 Resp: 915371

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

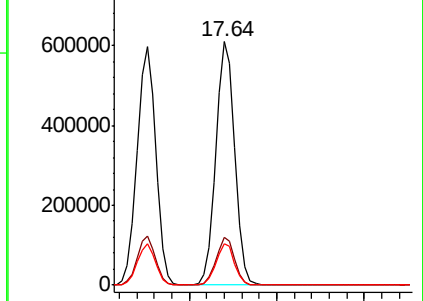
179 16.9 12.9 19.3



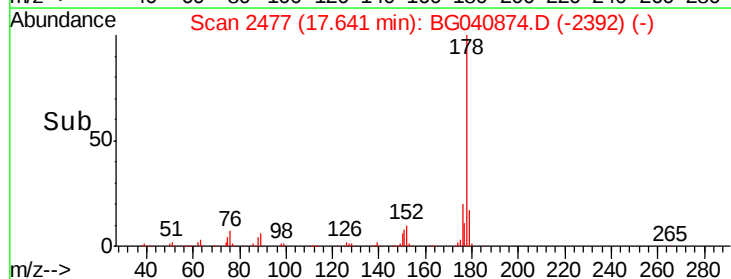
Abundance Ion 178.00 (177.70 to 178.70): E

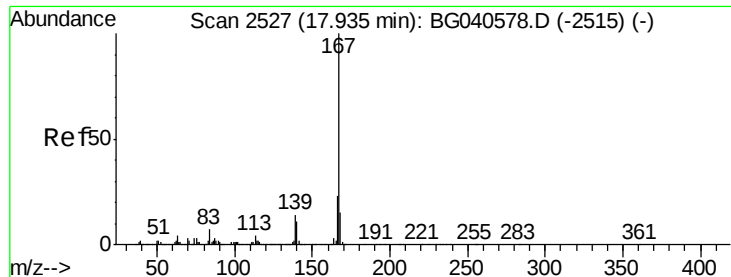
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#73

Carbazole

Concen: 37.485 ng

RT: 17.91 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

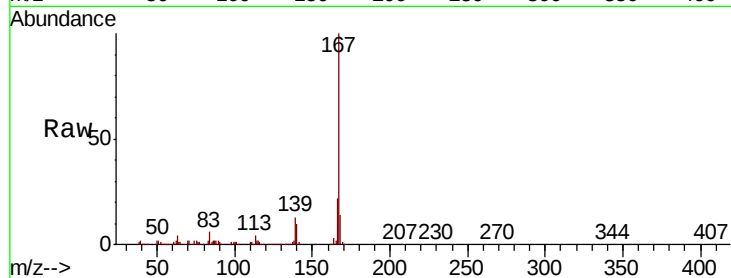
Tgt Ion:167 Resp: 813001

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.4

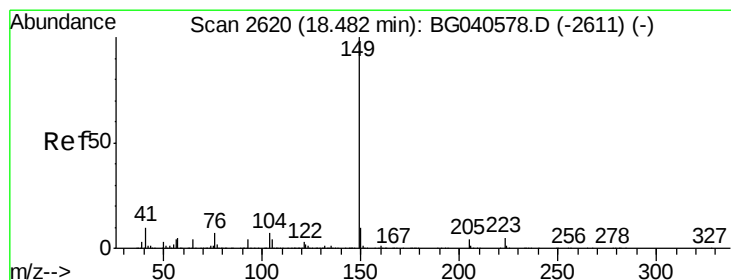
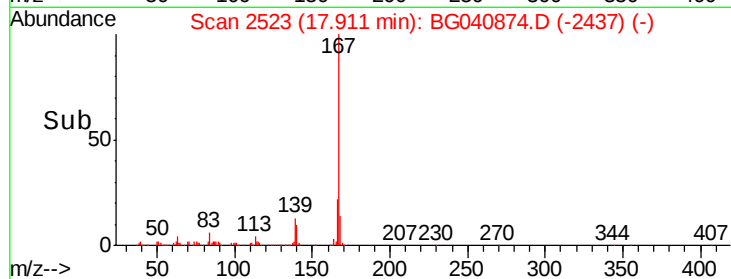
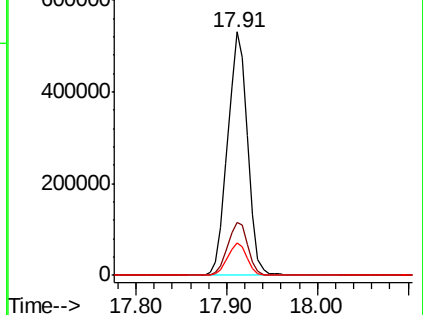
139 13.2 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.725 ng

RT: 18.45 min Scan# 2614

Delta R.T. -0.04 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

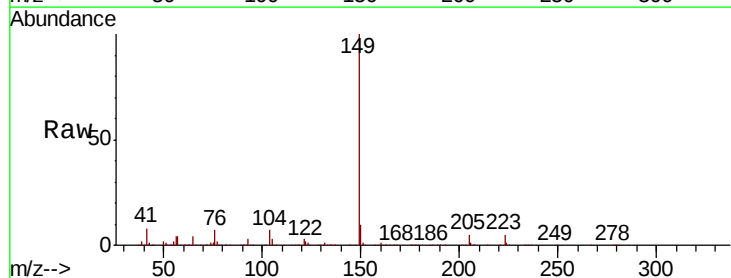
Tgt Ion:149 Resp: 961406

Ion Ratio Lower Upper

149 100

150 10.3 8.2 12.2

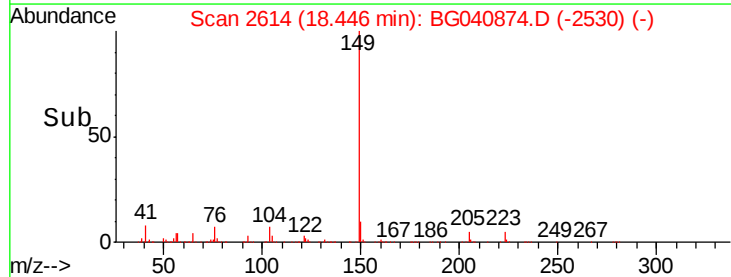
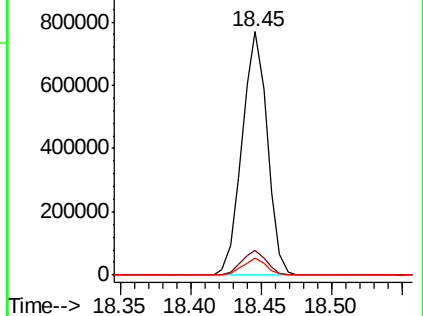
104 7.1 5.4 8.2

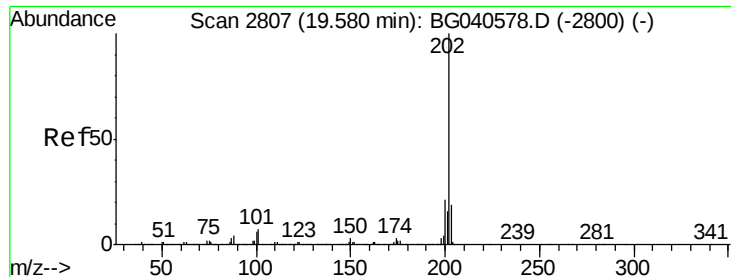


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.799 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

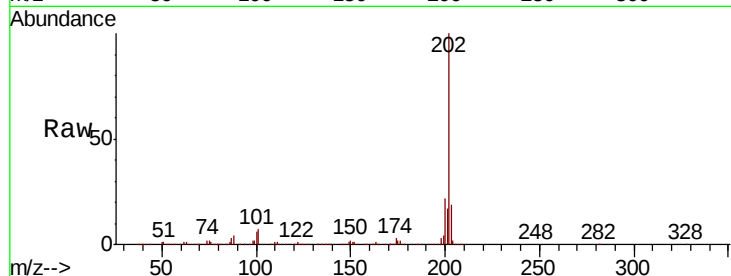
Tgt Ion:202 Resp: 1174598

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.5

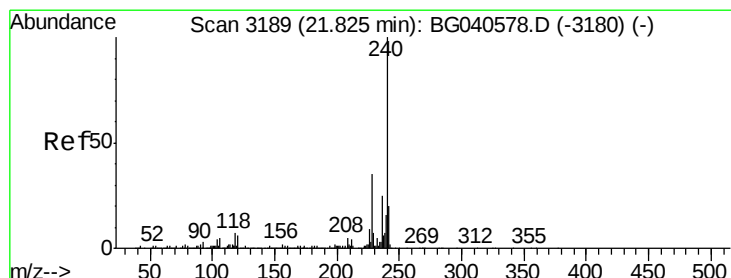
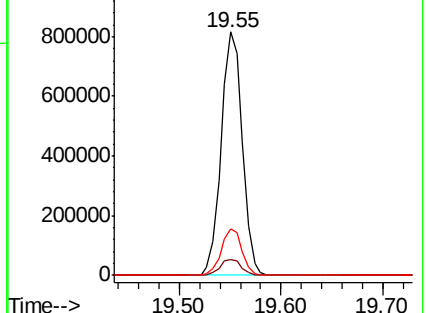
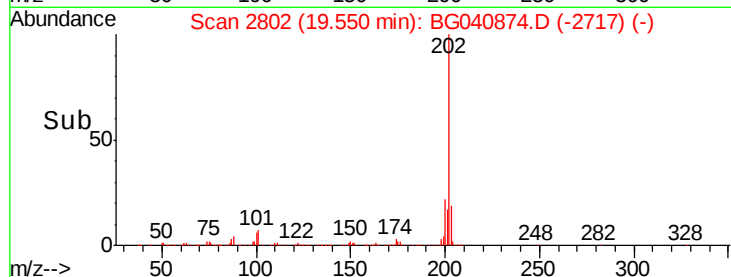
203 19.1 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

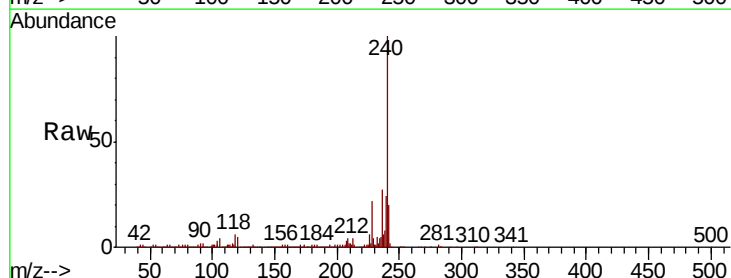
Tgt Ion:240 Resp: 453795

Ion Ratio Lower Upper

240 100

120 5.1 5.0 7.6

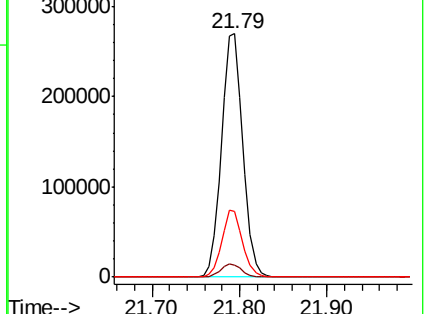
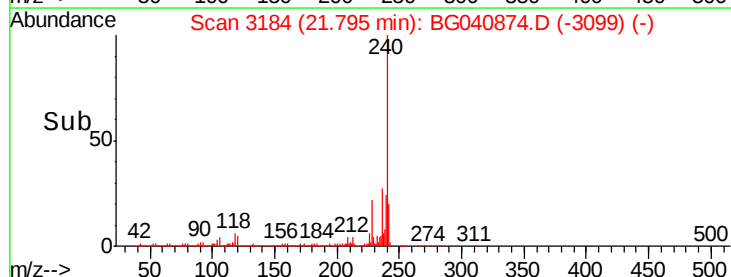
236 27.2 20.3 30.5

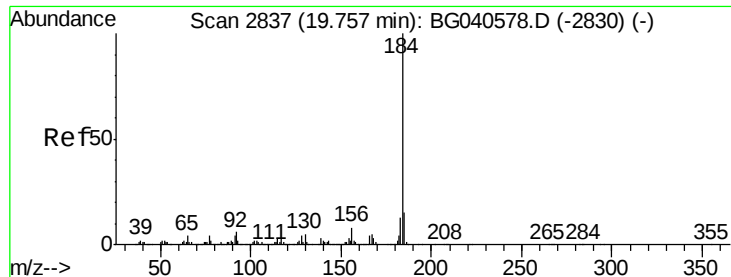


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.309 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

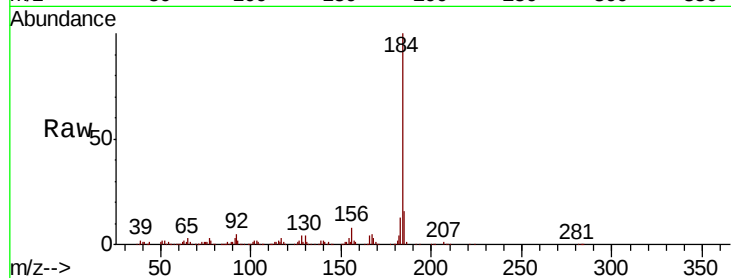
Tgt Ion:184 Resp: 351746

Ion Ratio Lower Upper

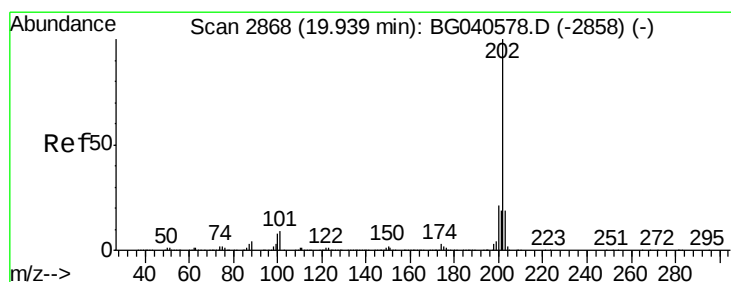
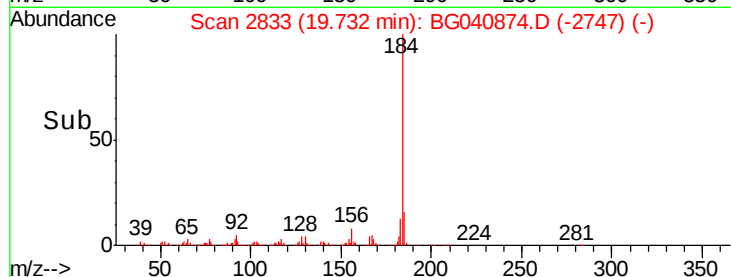
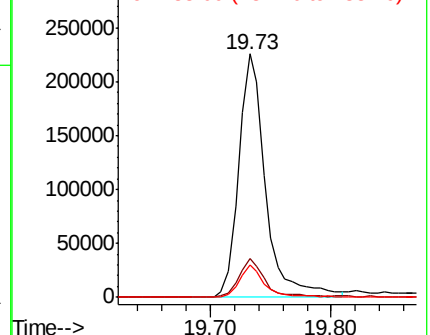
184 100

185 15.8 11.8 17.8

183 13.2 10.2 15.2



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

Pyrene

Concen: 41.567 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

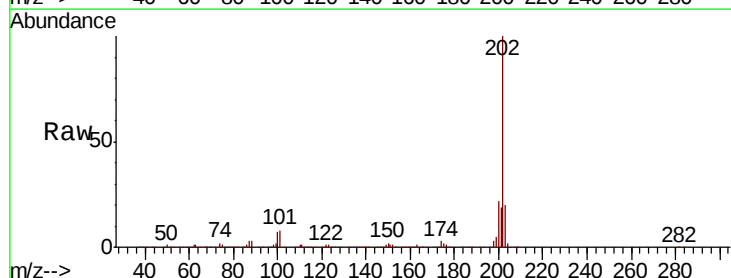
Tgt Ion:202 Resp: 1182235

Ion Ratio Lower Upper

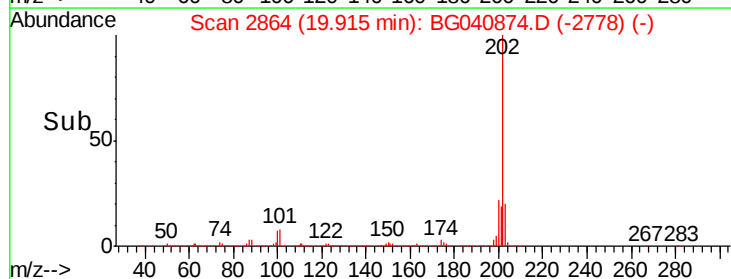
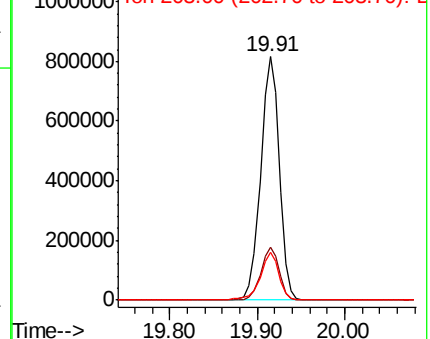
202 100

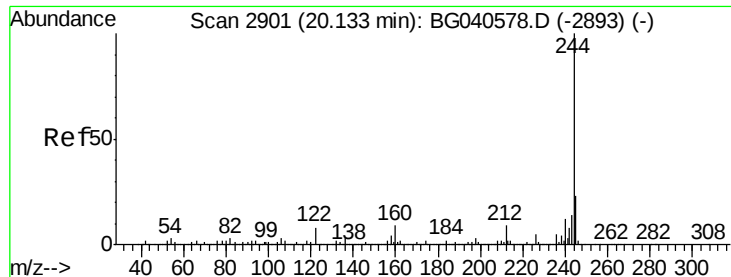
200 21.7 17.2 25.8

203 19.6 15.0 22.4



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: 83.063 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

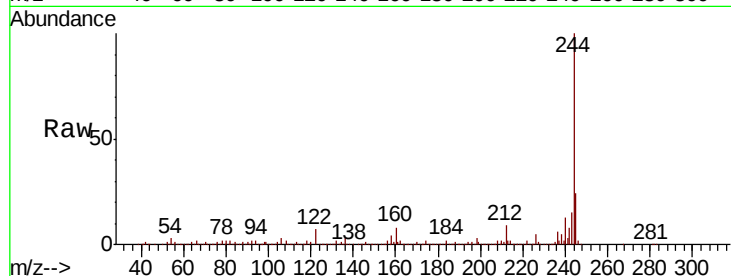
Tgt Ion:244 Resp: 1701415

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

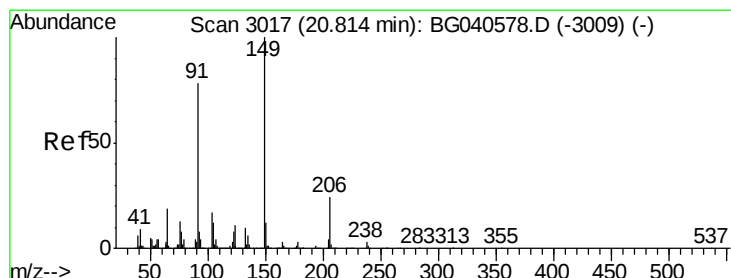
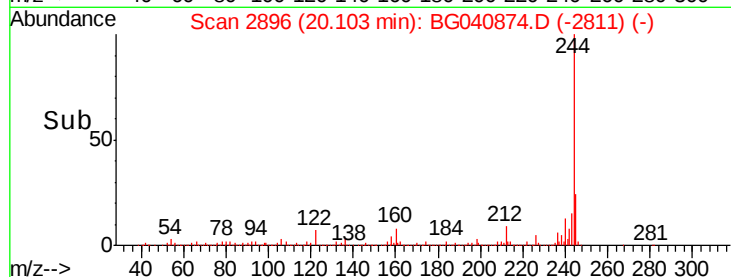
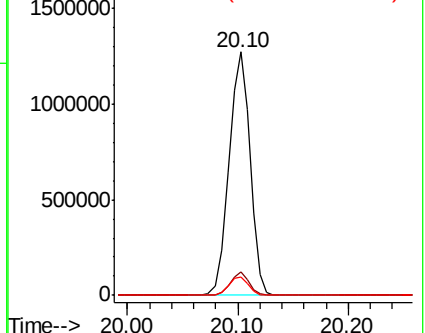
122 7.4 6.6 10.0



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: 40.764 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

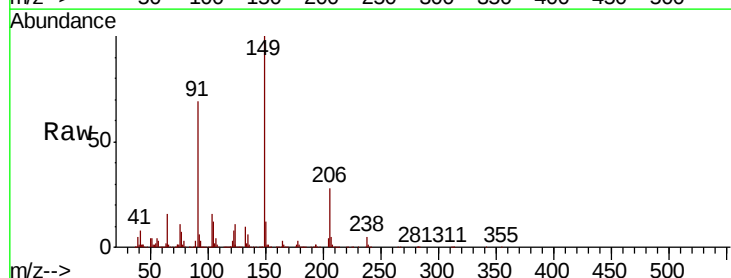
Tgt Ion:149 Resp: 451877

Ion Ratio Lower Upper

149 100

91 69.3 62.6 93.8

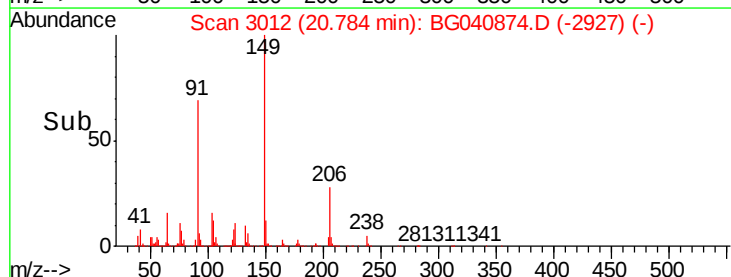
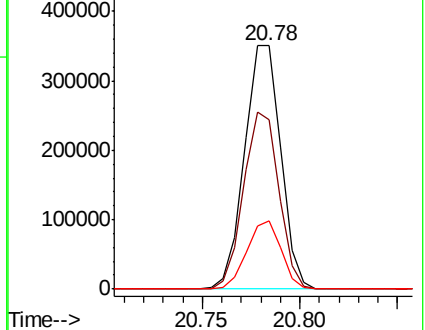
206 27.9 19.4 29.2

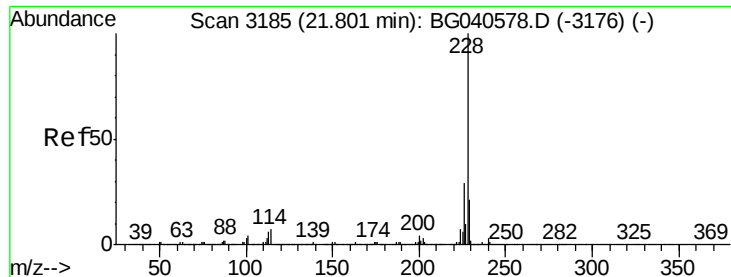


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.883 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA\_G

ClientSampleId :

PB119647BS

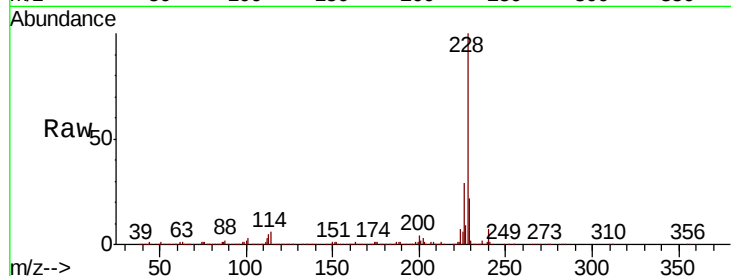
Tgt Ion:228 Resp: 1143841

Ion Ratio Lower Upper

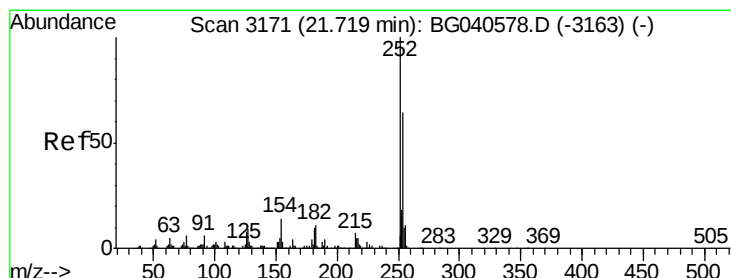
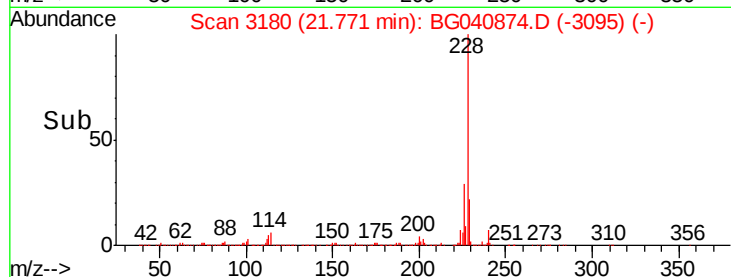
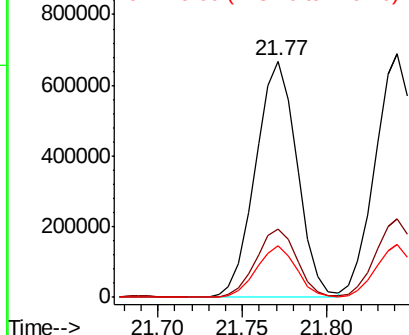
228 100

226 28.7 23.1 34.7

229 22.1 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



#82

3,3'-Dichlorobenzidine

Concen: 36.880 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.04 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

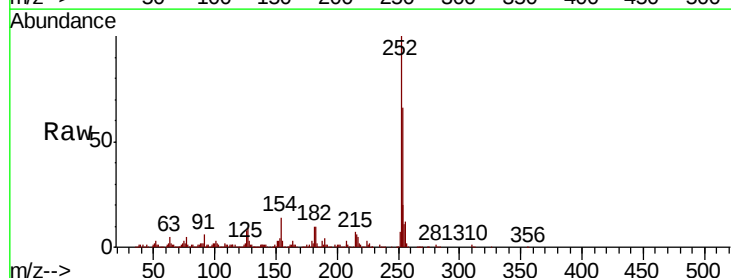
Tgt Ion:252 Resp: 377004

Ion Ratio Lower Upper

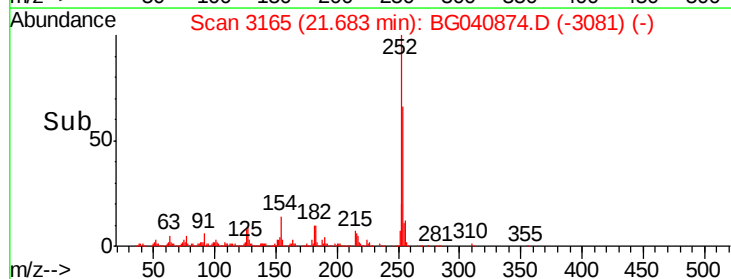
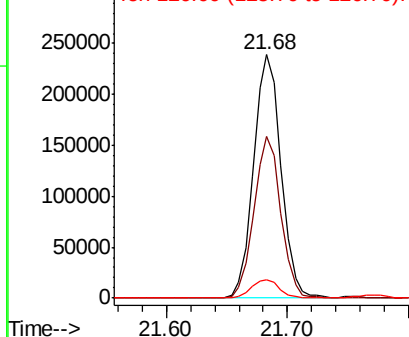
252 100

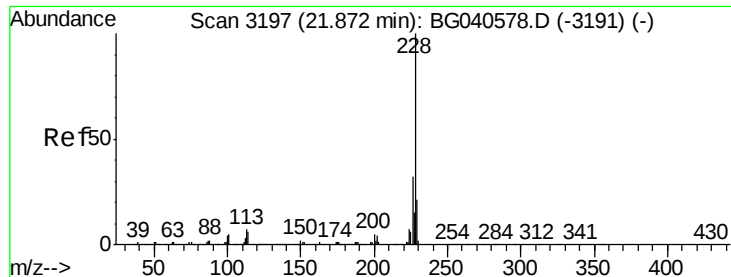
254 66.4 51.2 76.8

126 7.6 6.6 10.0



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





#83

Chrysene

Concen: 41.379 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

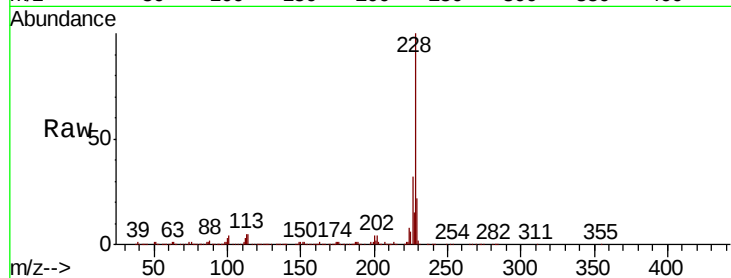
BNA\_G

ClientSampleId :

PB119647BS

Tgt Ion:228 Resp: 1128651

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.1  | 25.5  | 38.3  |
| 229 | 21.6  | 16.8  | 25.2  |

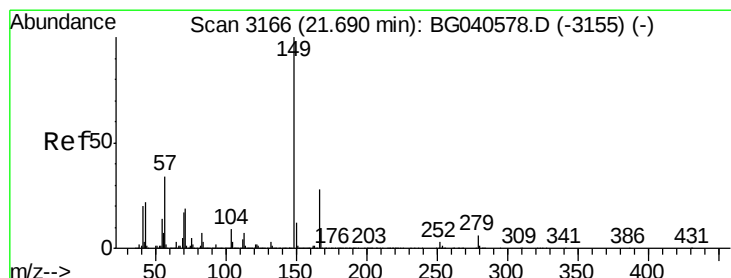
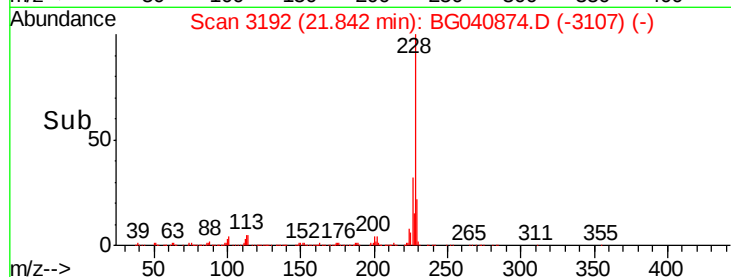
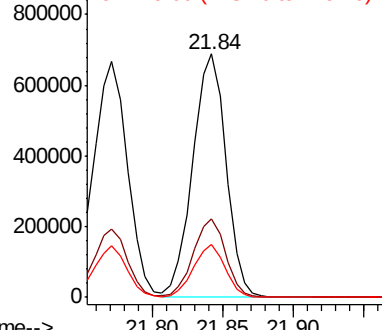


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.313 ng

RT: 21.64 min Scan# 3158

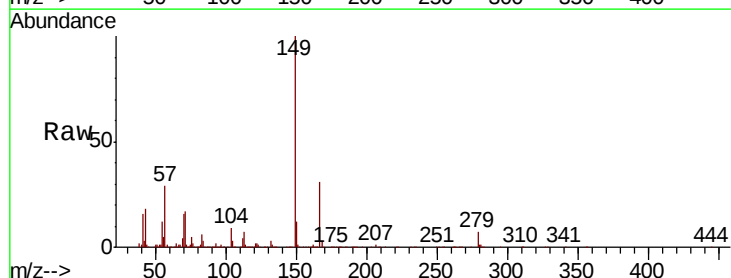
Delta R.T. -0.05 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion:149 Resp: 629073

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.6  | 22.4  | 33.6  |
| 279 | 6.8   | 4.6   | 6.8   |

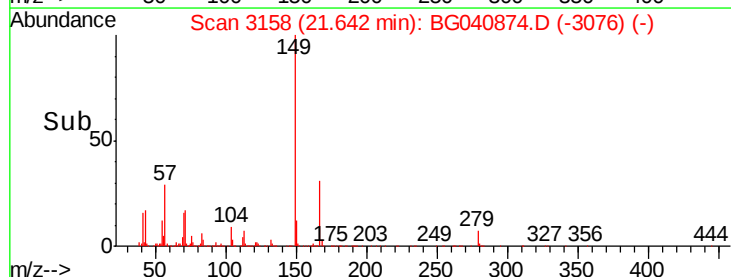
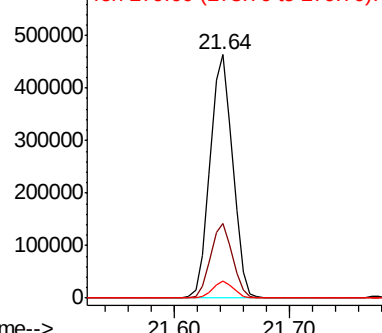


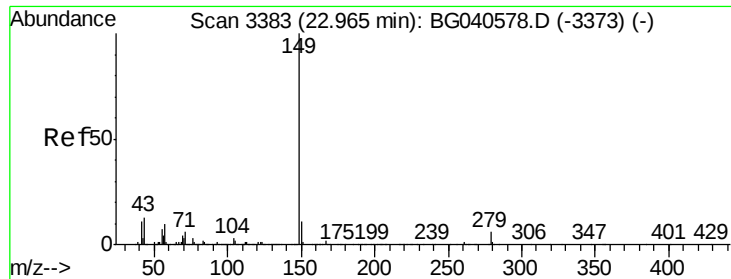
Abundance

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

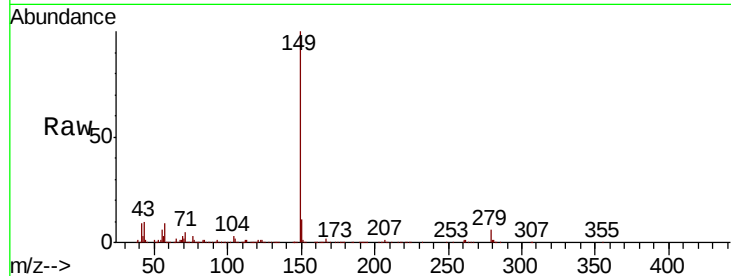




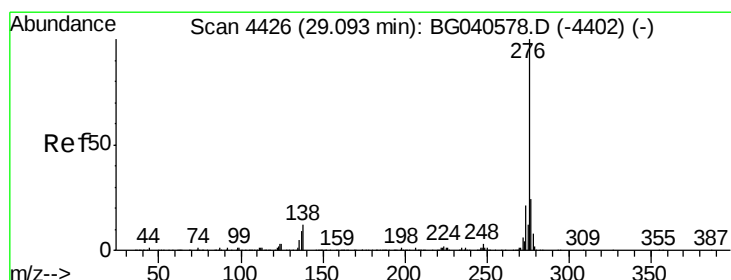
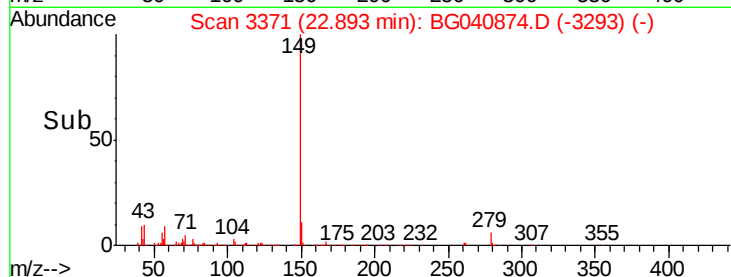
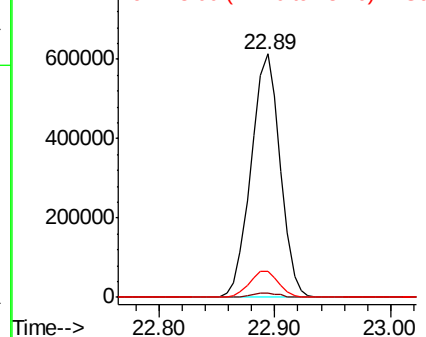
#85  
Di-n-octyl phthalate  
Concen: 39.894 ng  
RT: 22.89 min Scan# 3371  
Delta R.T. -0.07 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

Tgt Ion:149 Resp: 1075095  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 10.5 10.2 15.2

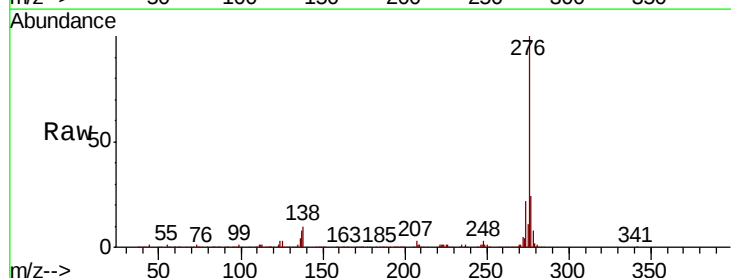


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

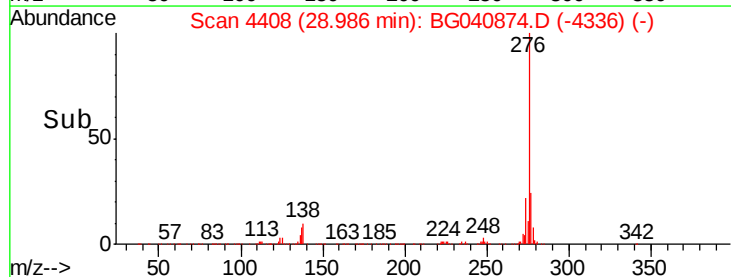
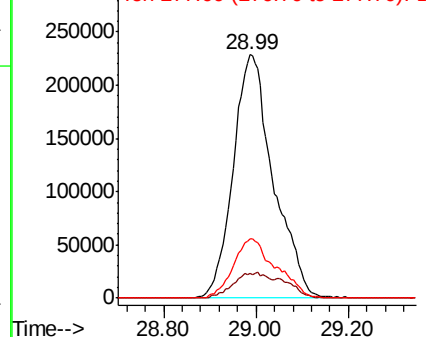


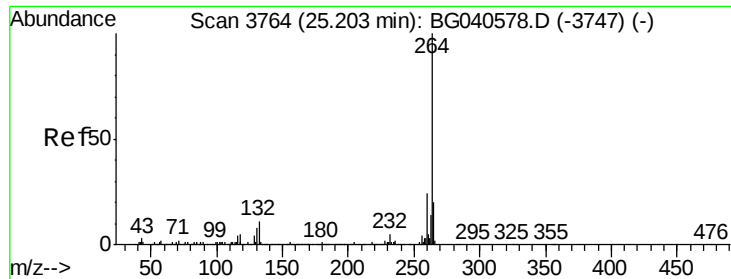
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 41.895 ng  
RT: 28.99 min Scan# 4408  
Delta R.T. -0.11 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Tgt Ion:276 Resp: 1381587  
Ion Ratio Lower Upper  
276 100  
138 9.0 9.8 14.6#  
277 26.0 17.3 25.9#



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

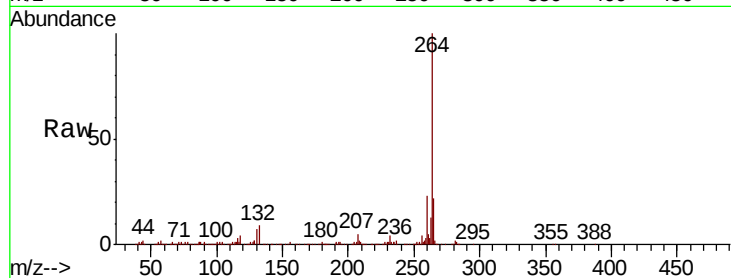




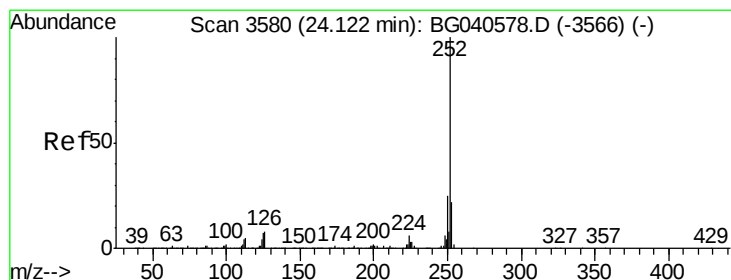
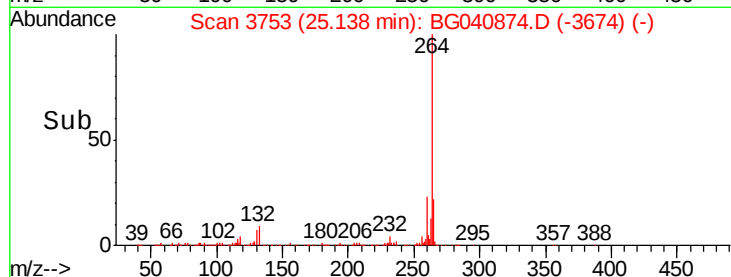
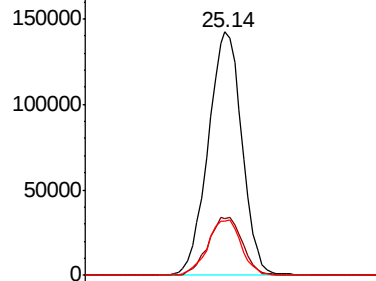
#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.14 min Scan# 3753  
Delta R.T. -0.07 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 19.2  | 28.8  |
| 265     | 22.2  | 16.6  | 25.0  |

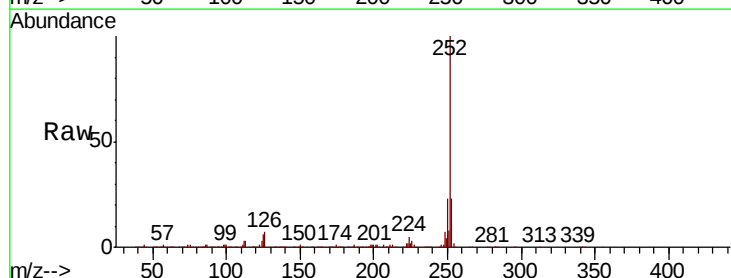


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

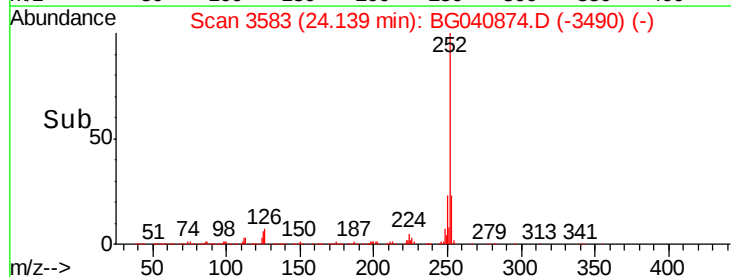
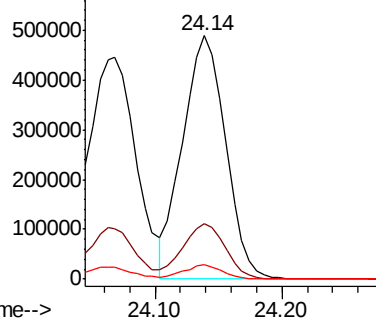


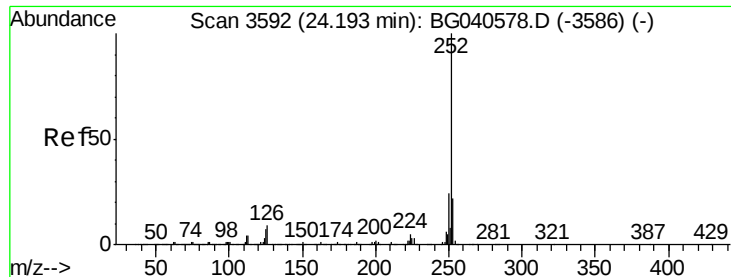
#88  
Benzo(b)fluoranthene  
Concen: 44.436 ng  
RT: 24.14 min Scan# 3583  
Delta R.T. 0.02 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.6  | 26.4  |
| 125     | 6.0   | 5.4   | 8.0   |



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

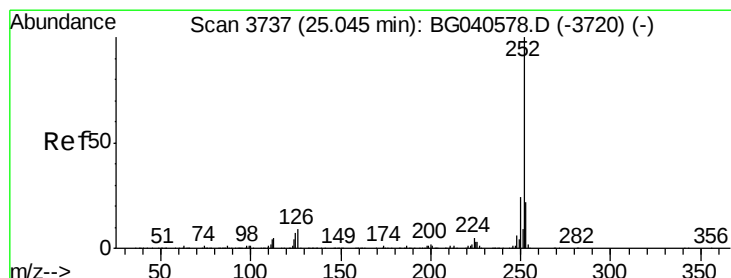
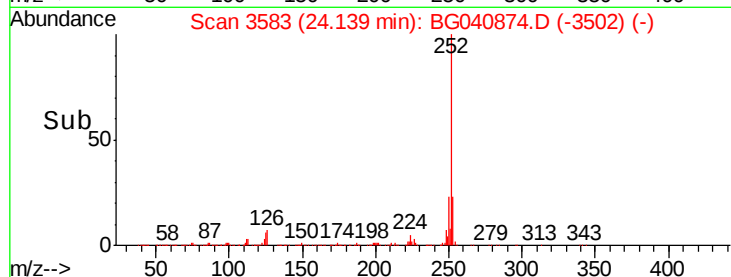
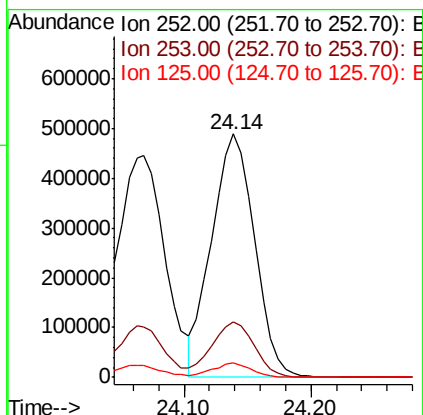
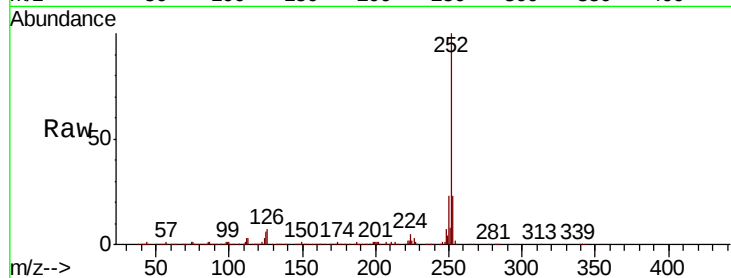




#89  
Benzo(k)fluoranthene  
Concen: 47.581 ng  
RT: 24.14 min Scan# 3583  
Delta R.T. -0.05 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

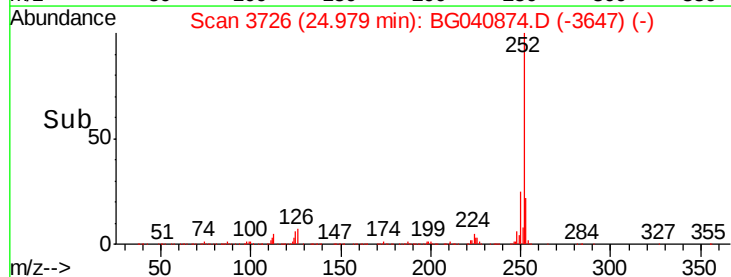
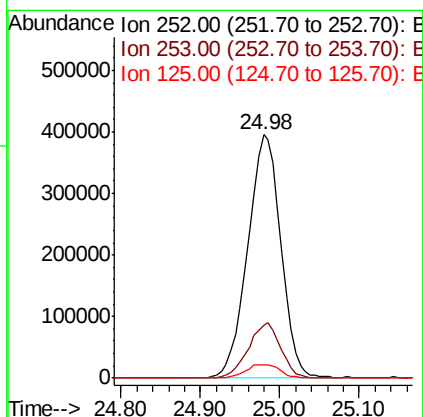
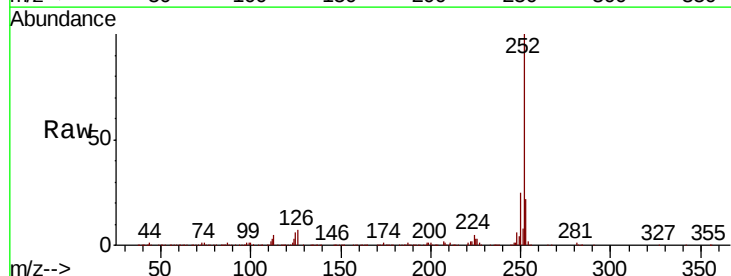
Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

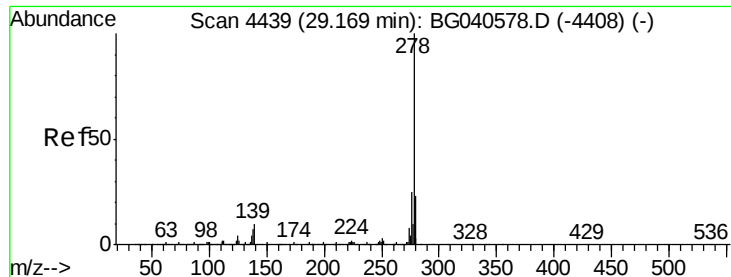
Tgt Ion:252 Resp: 1143361  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.6 26.4  
125 6.0 5.5 8.3



#90  
Benzo(a)pyrene  
Concen: 47.192 ng  
RT: 24.98 min Scan# 3726  
Delta R.T. -0.07 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Tgt Ion:252 Resp: 1149429  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.8 26.6  
125 5.7 5.7 8.5

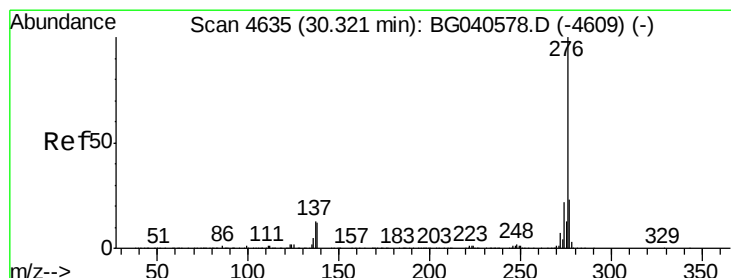
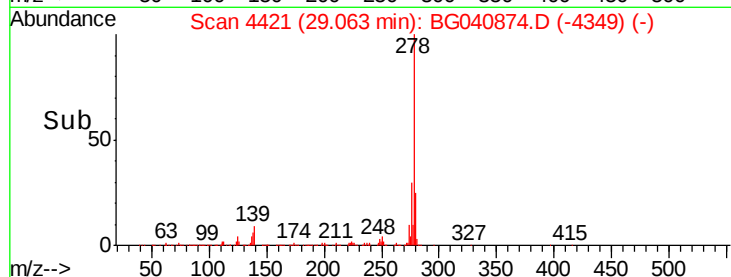
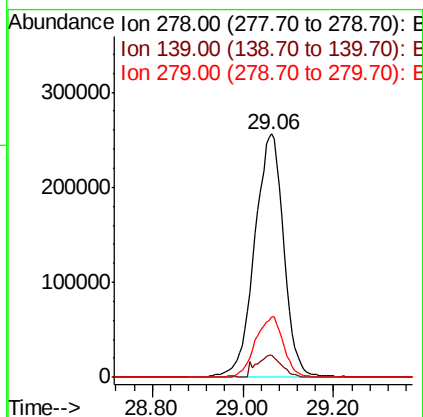
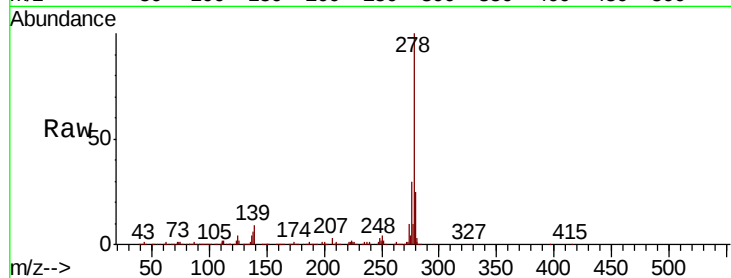




#91  
Dibenzo(a,h)anthracene  
Concen: 46.485 ng  
RT: 29.06 min Scan# 4421  
Delta R.T. -0.11 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB119647BS

Tgt Ion:278 Resp: 1145753  
Ion Ratio Lower Upper  
278 100  
139 9.1 8.2 12.4  
279 24.9 18.5 27.7



#92  
Benzo(g,h,i)perylene  
Concen: 47.001 ng  
RT: 30.21 min Scan# 4616  
Delta R.T. -0.11 min  
Lab File: BG040874.D  
Acq: 11 May 2019 15:25

Tgt Ion:276 Resp: 1152940  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.4 27.6  
138 11.2 9.8 14.6

