

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\  
 Data File : BG044686.D  
 Acq On : 5 Mar 2020 16:03  
 Operator : CG/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 05 17:21:37 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 05 15:55:35 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 63579    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.88 | 136  | 255689   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.69 | 164  | 179192   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.44 | 188  | 413981   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.72 | 240  | 345117   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.94 | 264  | 411888   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.62  | 112 | 647133  | 163.31 | ng | 0.00 |
| 7) Phenol-d6                | 7.22  | 99  | 982900  | 181.21 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.22  | 82  | 953030  | 192.02 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.19 | 330 | 408145  | 160.64 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.33 | 172 | 1947829 | 155.66 | ng | 0.00 |
| 79) Terphenyl-d14           | 20.06 | 244 | 2833150 | 155.41 | ng | 0.00 |

|                                |       |     |         |         |    |      |
|--------------------------------|-------|-----|---------|---------|----|------|
| Target Compounds               |       |     |         | Qvalue  |    |      |
| 2) 1,4-Dioxane                 | 3.53  | 88  | 155564  | 89.964  | ng | 98   |
| 3) Pyridine                    | 3.92  | 79  | 425944  | 88.280  | ng | 95   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 204968  | 111.850 | ng | # 92 |
| 6) Aniline                     | 7.38  | 93  | 628591  | 95.185  | ng | 99   |
| 8) 2-Chlorophenol              | 7.63  | 128 | 333053  | 76.995  | ng | 99   |
| 9) Benzaldehyde                | 7.19  | 77  | 218160  | 68.400  | ng | 99   |
| 10) Phenol                     | 7.24  | 94  | 492495  | 93.695  | ng | 99   |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 376724  | 85.254  | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 392111  | 76.002  | ng | 100  |
| 13) 1,4-Dichlorobenzene        | 8.10  | 146 | 395331  | 76.245  | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 372616  | 75.568  | ng | 97   |
| 15) Benzyl Alcohol             | 8.30  | 79  | 429473  | 117.404 | ng | 96   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60  | 45  | 686552  | 115.607 | ng | 97   |
| 17) 2-Methylphenol             | 8.50  | 107 | 334752  | 89.147  | ng | 99   |
| 18) Hexachloroethane           | 9.15  | 117 | 157316  | 83.021  | ng | 95   |
| 19) n-Nitroso-di-n-propylamine | 8.88  | 70  | 363292  | 104.198 | ng | 98   |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 471153  | 91.646  | ng | 97   |
| 22) Acetophenone               | 8.88  | 105 | 592872  | 92.355  | ng | # 95 |
| 24) Nitrobenzene               | 9.27  | 77  | 506714  | 105.383 | ng | 98   |
| 25) Isophorone                 | 9.79  | 82  | 968821  | 104.348 | ng | 98   |
| 26) 2-Nitrophenol              | 9.98  | 139 | 177197  | 67.952  | ng | 96   |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 308183  | 84.171  | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93  | 540419  | 88.018  | ng | 100  |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 356577  | 81.459  | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 406860  | 80.368  | ng | 96   |
| 31) Naphthalene                | 10.92 | 128 | 1128472 | 80.883  | ng | 99   |
| 32) Benzoic acid               | 10.21 | 122 | 254623  | 179.169 | ng | 89   |
| 33) 4-Chloroaniline            | 11.02 | 127 | 525500  | 85.515  | ng | 97   |
| 34) Hexachlorobutadiene        | 11.22 | 225 | 277937  | 87.423  | ng | 96   |
| 35) Caprolactam                | 11.81 | 113 | 141662  | 90.401  | ng | 99   |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 446102  | 99.004  | ng | 98   |
| 37) 2-Methylnaphthalene        | 12.53 | 142 | 850679  | 82.499  | ng | 98   |
| 38) 1-Methylnaphthalene        | 12.74 | 142 | 810253  | 82.697  | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 463013  | 76.753  | ng | 98   |

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 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

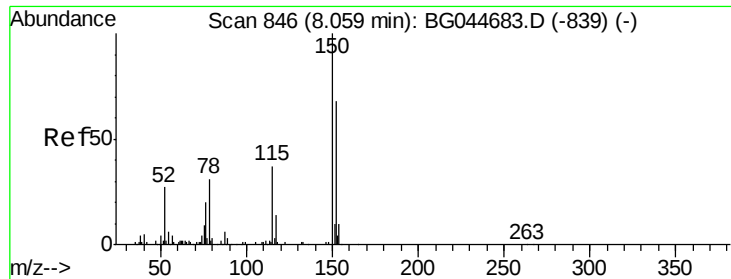
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 05 17:21:37 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M  
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 QLast Update : Thu Mar 05 15:55:35 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.89 | 237  | 279661   | 117.516 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 324782   | 82.917  | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.20 | 196  | 332232   | 82.569  | ng    | 93       |
| 46) 1,1'-Biphenyl              | 13.54 | 154  | 1112215  | 75.003  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.57 | 162  | 858279   | 73.810  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.77 | 65   | 338670   | 104.921 | ng    | 99       |
| 49) Acenaphthylene             | 14.42 | 152  | 1360028  | 79.234  | ng    | 99       |
| 50) Dimethylphthalate          | 14.15 | 163  | 1148546  | 79.412  | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.26 | 165  | 239982   | 75.235  | ng    | 97       |
| 52) Acenaphthene               | 14.77 | 154  | 911157   | 83.274  | ng    | 97       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 270023   | 78.492  | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 116399   | 75.941  | ng    | # 89     |
| 55) Dibenzofuran               | 15.09 | 168  | 1300650  | 77.539  | ng    | 98       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 213934   | 90.407  | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.05 | 165  | 329563   | 73.488  | ng    | 95       |
| 58) Fluorene                   | 15.75 | 166  | 1077714  | 81.031  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.24 | 232  | 326362   | 88.079  | ng    | 100      |
| 60) Diethylphthalate           | 15.52 | 149  | 1243270  | 86.757  | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 594886   | 82.263  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.76 | 138  | 288851   | 83.855  | ng    | 98       |
| 63) Azobenzene                 | 16.03 | 77   | 1281865  | 105.105 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 159379   | 62.176  | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 982143   | 76.057  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.63 | 248  | 410790   | 79.941  | ng    | 95       |
| 68) Hexachlorobenzene          | 16.76 | 284  | 444213   | 76.459  | ng    | 99       |
| 69) Atrazine                   | 16.90 | 200  | 356207   | 74.616  | ng    | 99       |
| 70) Pentachlorophenol          | 17.09 | 266  | 263497   | 109.471 | ng    | 99       |
| 71) Phenanthrene               | 17.49 | 178  | 1729581  | 75.463  | ng    | 99       |
| 72) Anthracene                 | 17.58 | 178  | 1697354  | 75.149  | ng    | 96       |
| 73) Carbazole                  | 17.84 | 167  | 1609590  | 78.291  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 1984254  | 77.020  | ng    | 97       |
| 75) Fluoranthene               | 19.50 | 202  | 2031746  | 74.884  | ng    | 97       |
| 77) Benzidine                  | 19.67 | 184  | 965202   | 81.644  | ng    | 96       |
| 78) Pyrene                     | 19.85 | 202  | 2039306  | 81.402  | ng    | 96       |
| 80) Butylbenzylphthalate       | 20.75 | 149  | 951086   | 86.791  | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.70 | 228  | 2000186  | 82.462  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 804956   | 84.002  | ng    | 100      |
| 83) Chrysene                   | 21.77 | 228  | 1899782  | 81.007  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 1279807  | 84.759  | ng    | 94       |
| 85) Di-n-octyl phthalate       | 22.87 | 149  | 2202394  | 82.903  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.64 | 276  | 2607850  | 86.647  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.94 | 252  | 2192432  | 80.959  | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 24.00 | 252  | 2072657  | 78.880  | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.81 | 252  | 2057664  | 80.870  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.71 | 278  | 2055581  | 81.688  | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 29.79 | 276  | 2078076  | 82.425  | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

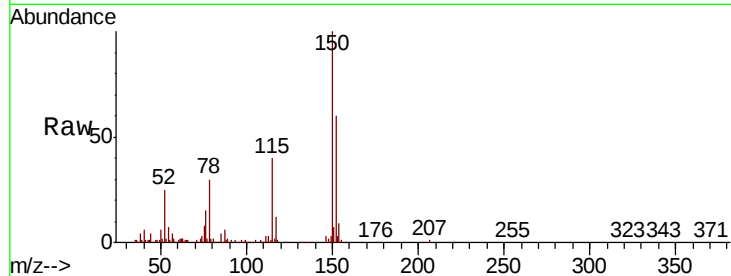
Tot Ion:152 Resp: 63579

Ion Ratio Lower Upper

152 100

150 167.2 118.6 177.8

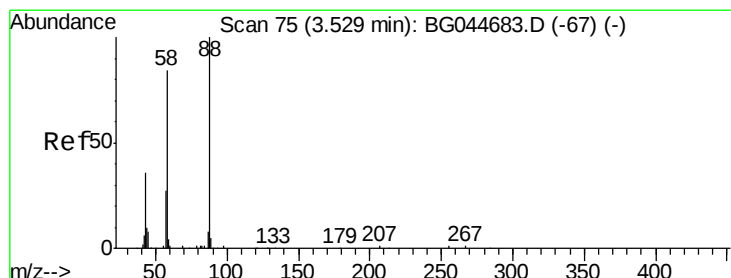
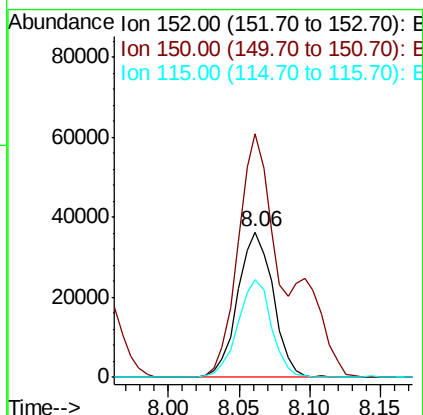
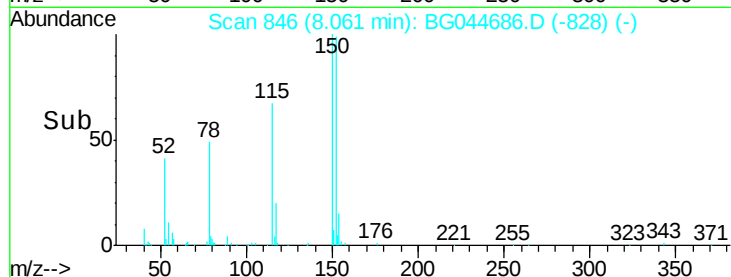
115 67.3 43.6 65.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 89.964 ng

RT: 3.53 min Scan# 74

Delta R.T. -0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

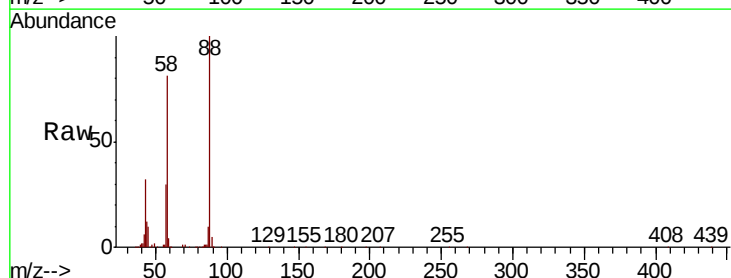
Tgt Ion: 88 Resp: 155564

Ion Ratio Lower Upper

88 100

58 81.8 66.6 99.8

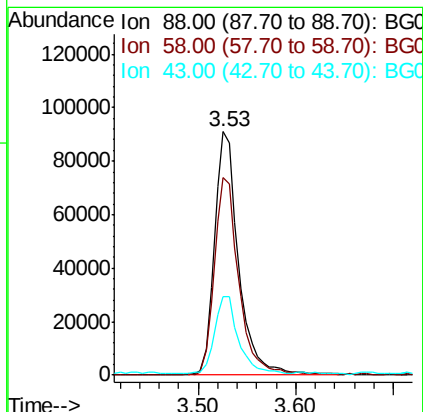
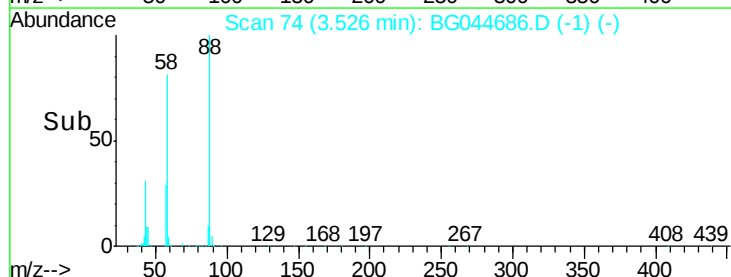
43 31.8 27.4 41.2

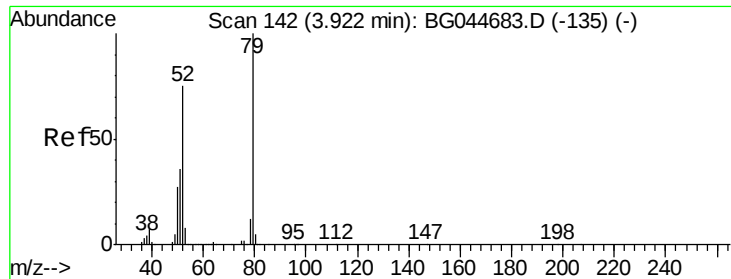


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 88.280 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

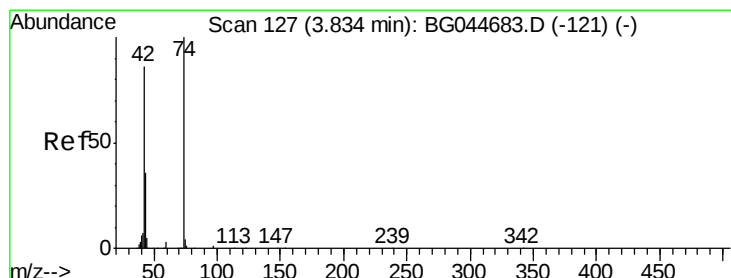
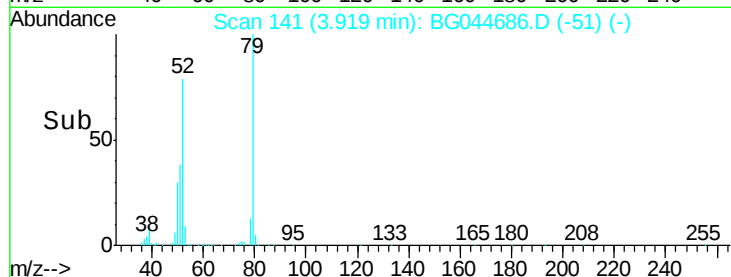
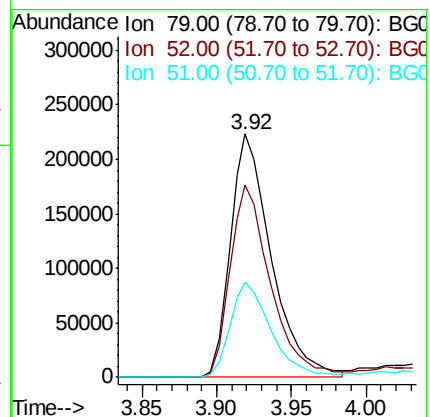
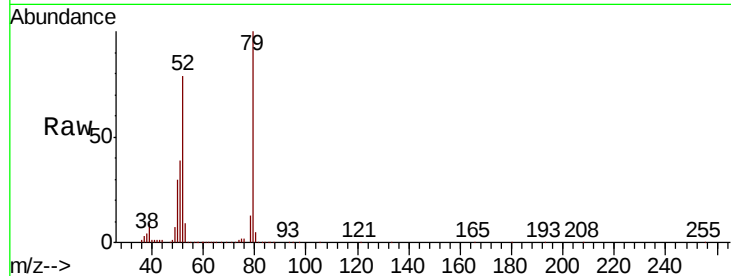
Tot Ion: 79 Resp: 425944

Ion Ratio Lower Upper

79 100

52 79.2 59.9 89.9

51 38.9 29.3 43.9



#4

n-Nitrosodimethylamine

Concen: 111.850 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

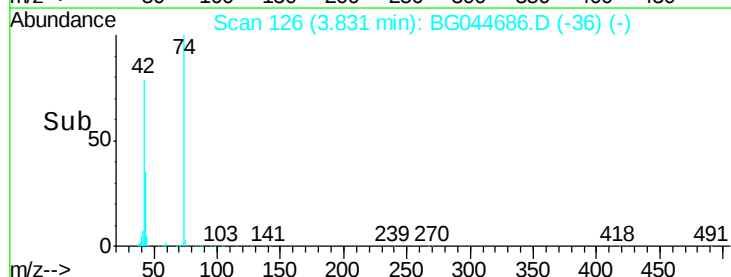
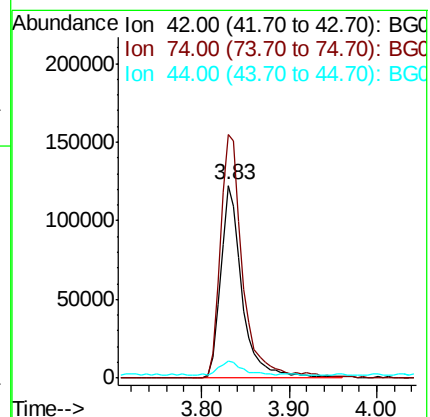
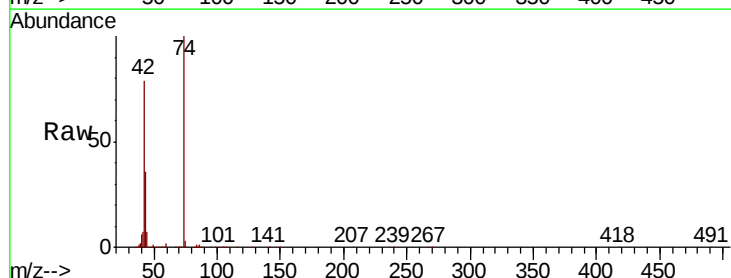
Tgt Ion: 42 Resp: 204968

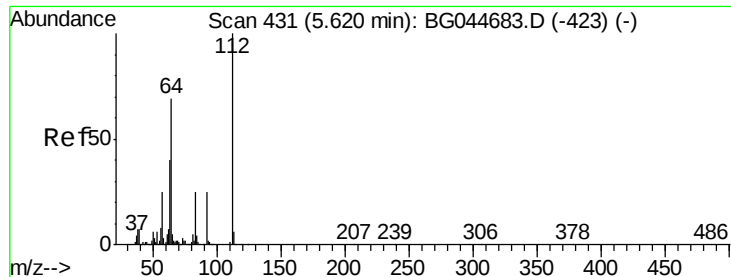
Ion Ratio Lower Upper

42 100

74 126.3 93.4 140.2

44 8.8 8.9 13.3#





#5

2-Fluorophenol

Concen: 163.309 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044686.D

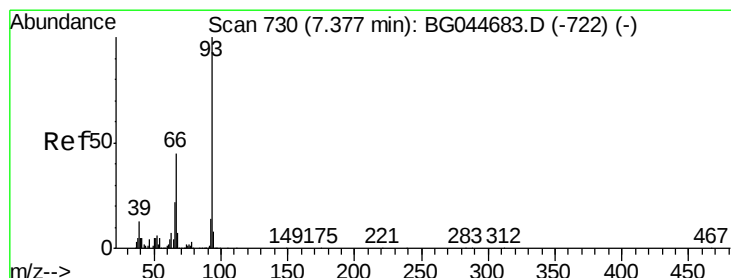
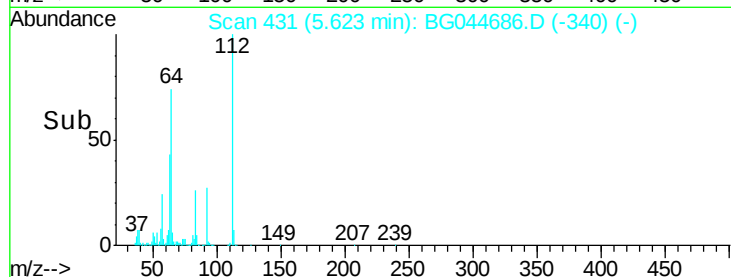
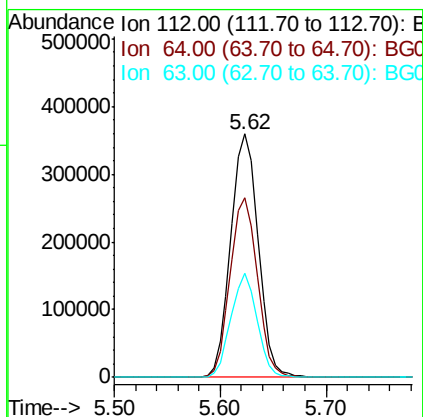
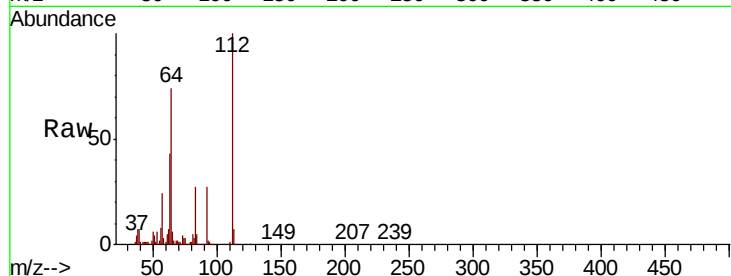
Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 647133 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 73.8  | 55.4  | 83.0   |
| 63       | 42.8  | 32.1  | 48.1   |



#6

Aniline

Concen: 95.185 ng

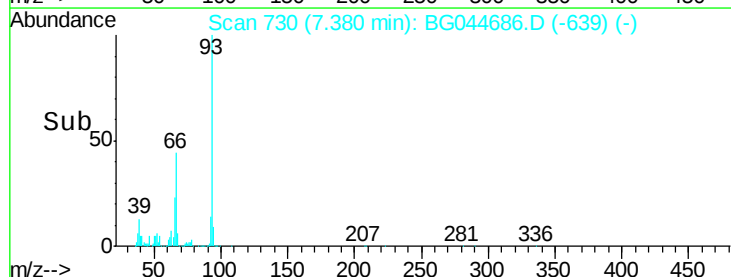
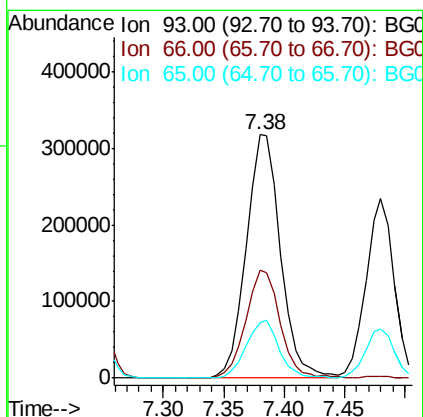
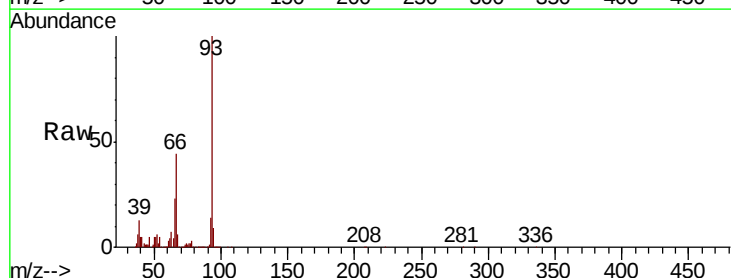
RT: 7.38 min Scan# 730

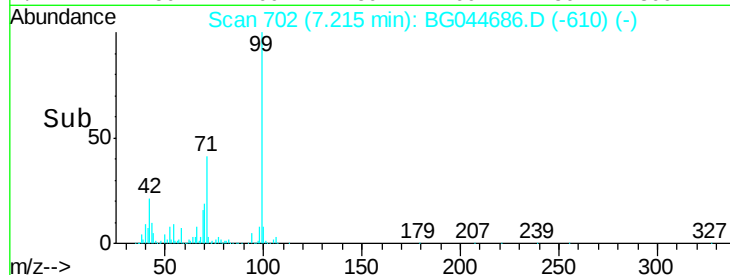
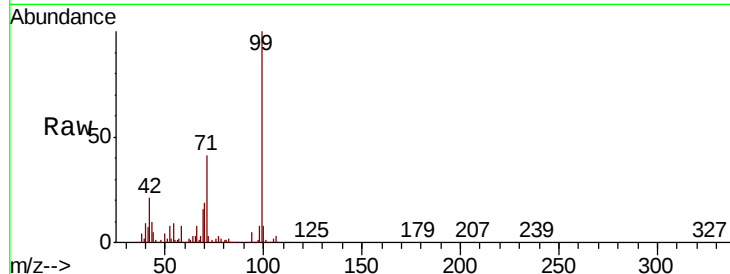
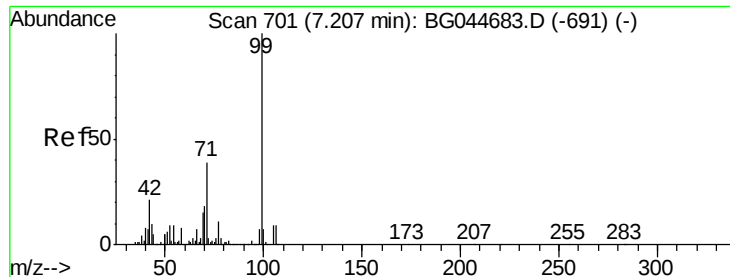
Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 628591 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 44.3  | 35.8  | 53.8   |
| 65       | 22.9  | 17.9  | 26.9   |





#7

Phenol-d6

Concen: 181.211 ng

RT: 7.22 min Scan# 702

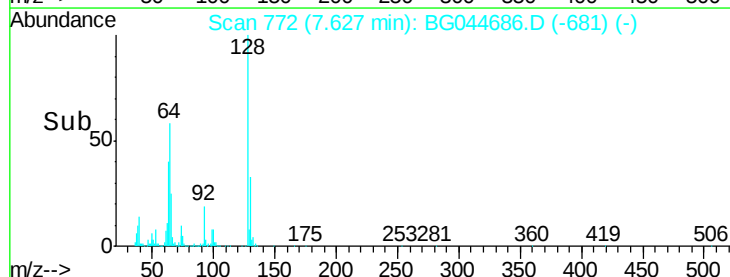
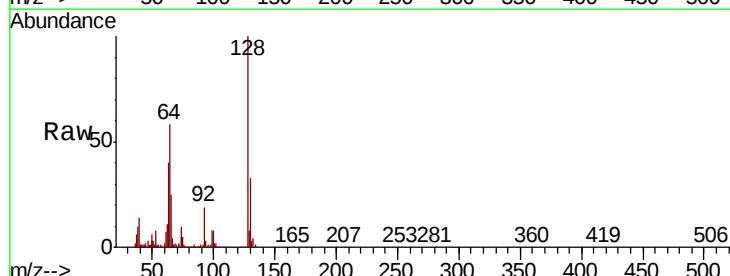
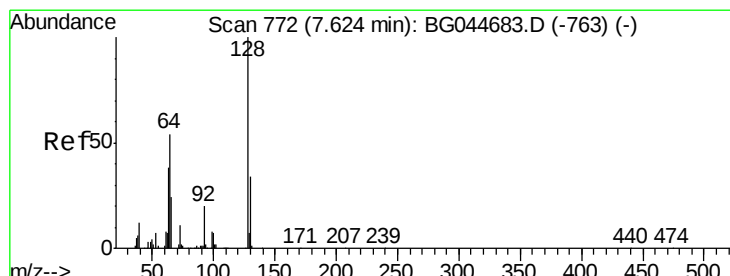
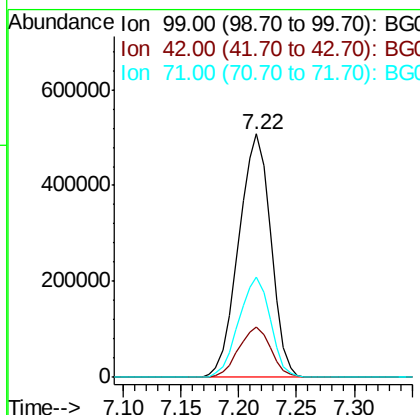
Delta R.T. 0.01 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 99      | 99  | 100   |       |       |
| 42      | 42  | 20.6  | 16.5  | 24.7  |
| 71      | 71  | 41.1  | 30.9  | 46.3  |



#8

2-Chlorophenol

Concen: 76.995 ng

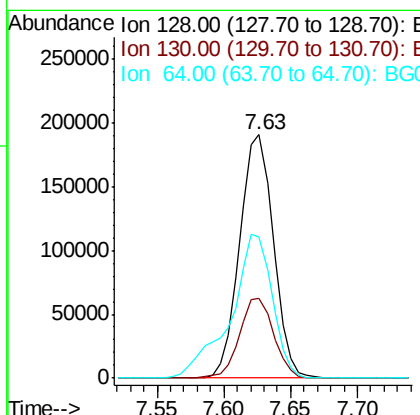
RT: 7.63 min Scan# 772

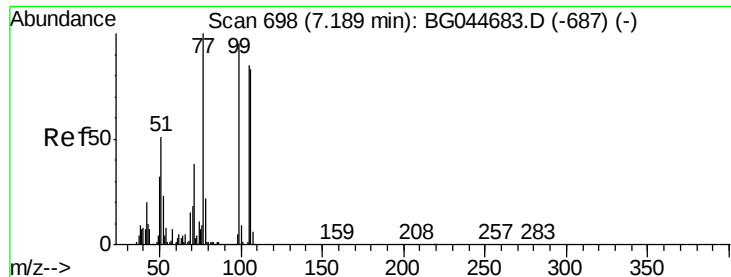
Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 128     | 128 | 100   |       |       |
| 130     | 130 | 32.9  | 14.0  | 54.0  |
| 64      | 64  | 57.8  | 37.6  | 77.6  |





#9

Benzaldehyde

Concen: 68.400 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

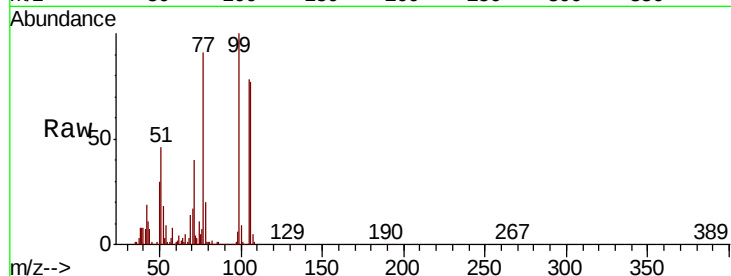
Tot Ion: 77 Resp: 218160

Ion Ratio Lower Upper

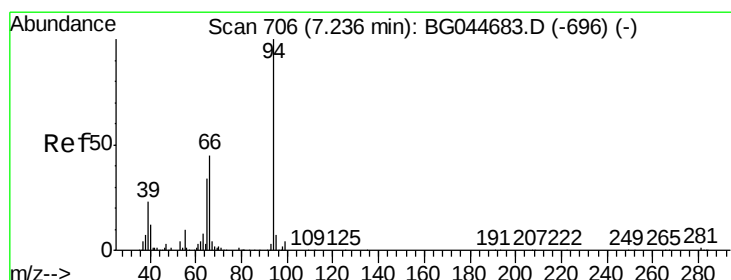
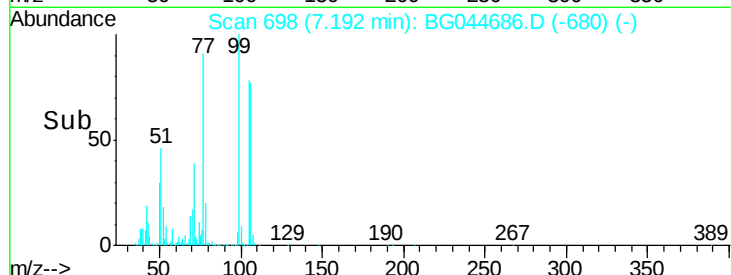
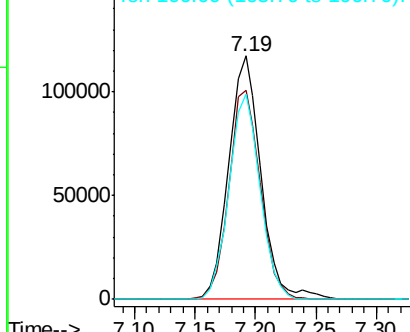
77 100

105 85.8 65.1 105.1

106 84.5 63.1 103.1



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 93.695 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

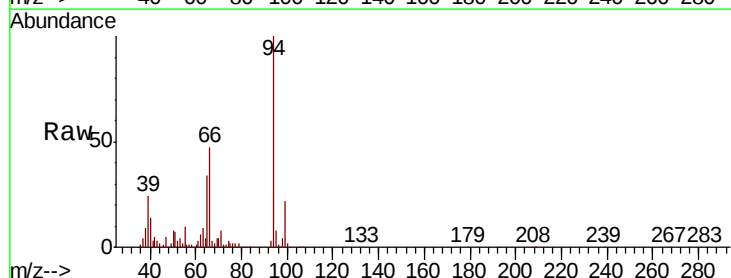
Tgt Ion: 94 Resp: 492495

Ion Ratio Lower Upper

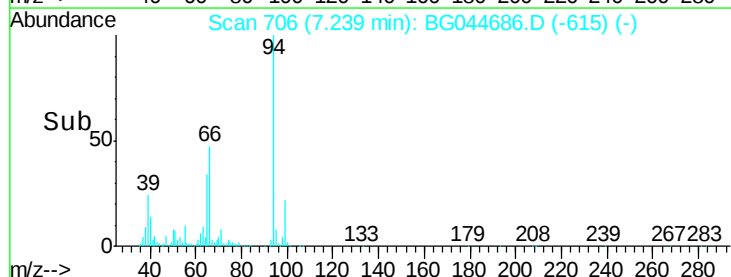
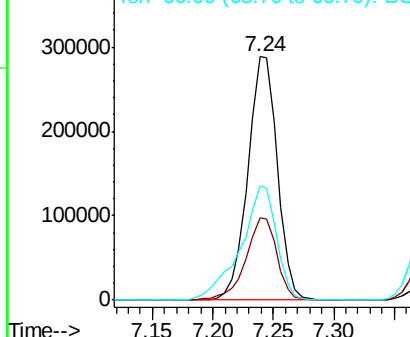
94 100

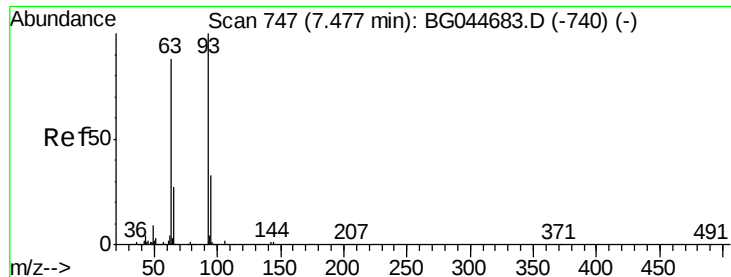
65 34.1 13.5 53.5

66 46.8 25.8 65.8



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

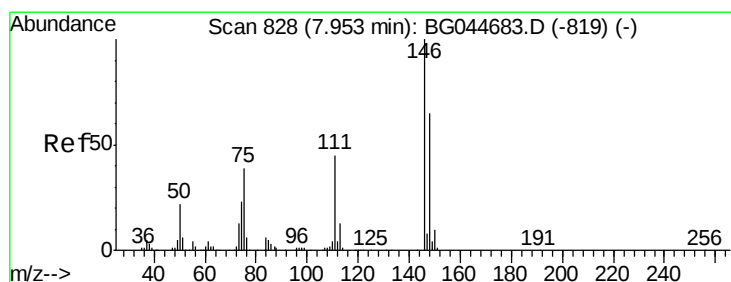
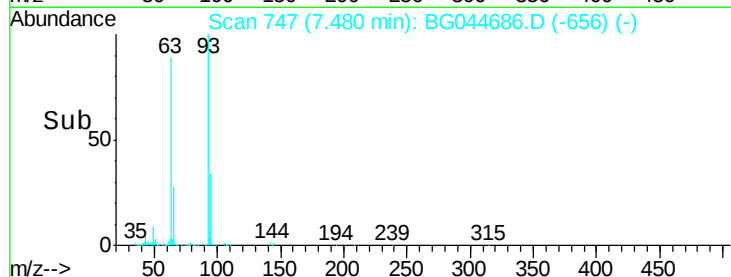
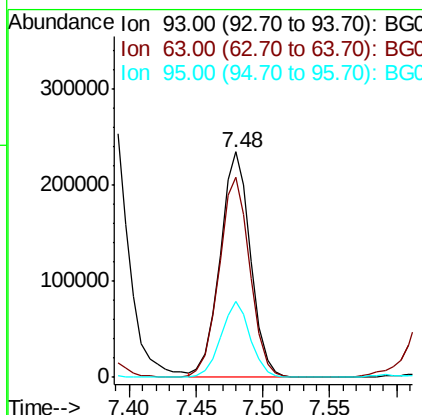
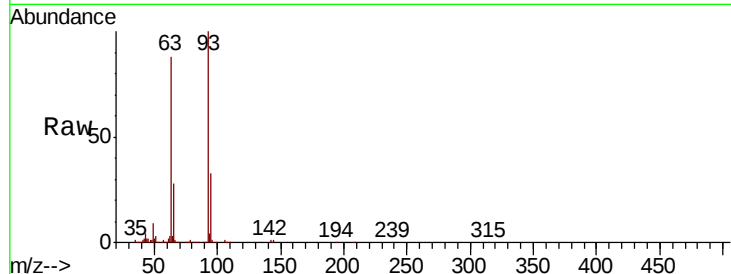




#11  
bis(2-Chloroethyl)ether  
Concen: 85.254 ng  
RT: 7.48 min Scan# 747  
Delta R.T. 0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

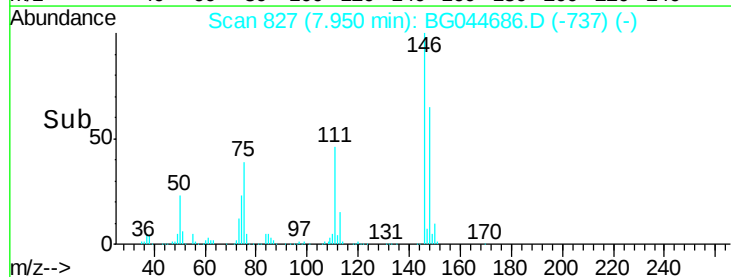
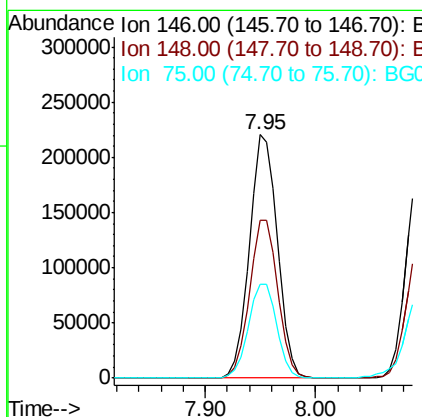
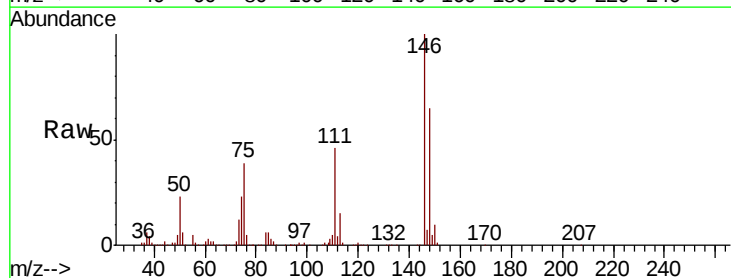
Instrument :  
BNA\_G  
ClientSampleId :

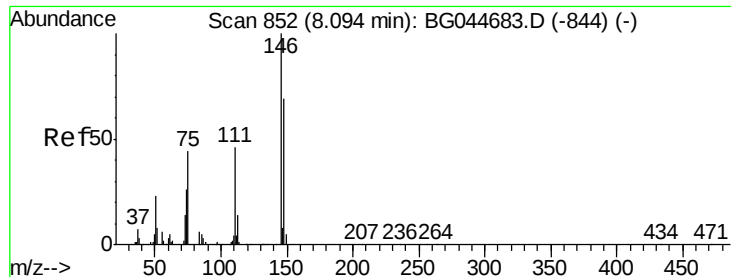
Tot Ion: 93 Resp: 376724  
Ion Ratio Lower Upper  
93 100  
63 88.5 67.8 107.8  
95 33.5 13.0 53.0



#12  
1,3-Dichlorobenzene  
Concen: 76.002 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

Tgt Ion: 146 Resp: 392111  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.9 77.9  
75 38.6 31.0 46.6

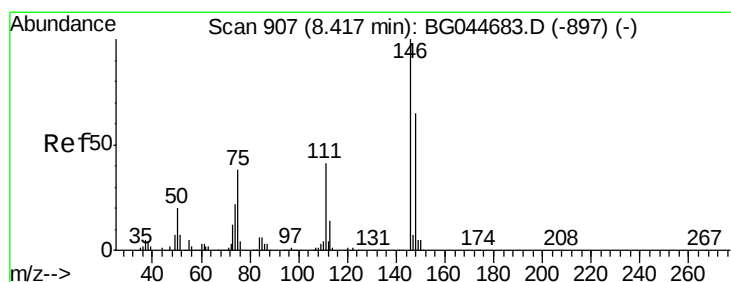
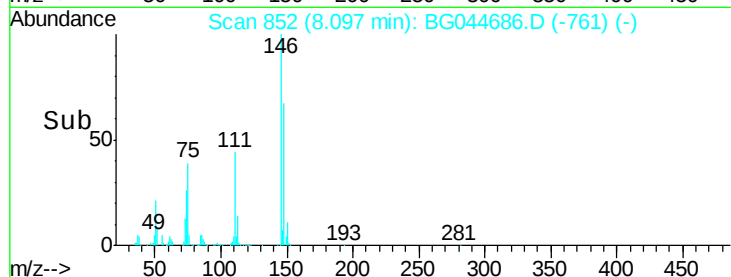
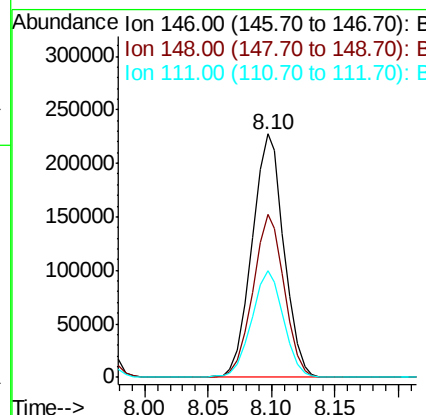
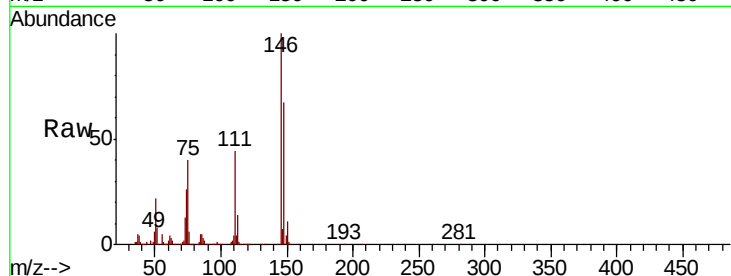




#13  
 1,4-Dichlorobenzene  
 Concen: 76.245 ng  
 RT: 8.10 min Scan# 852  
 Delta R.T. 0.00 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

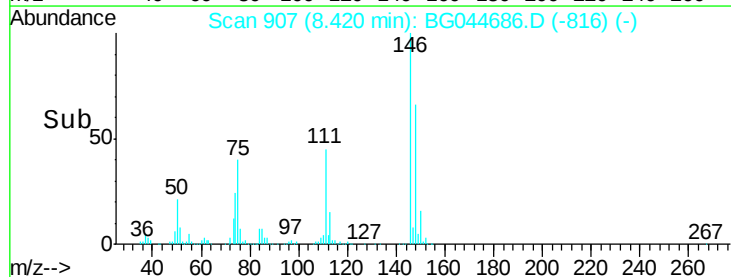
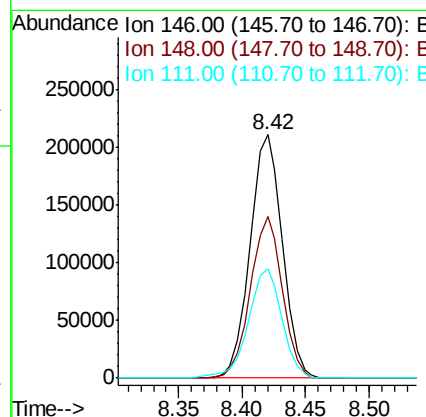
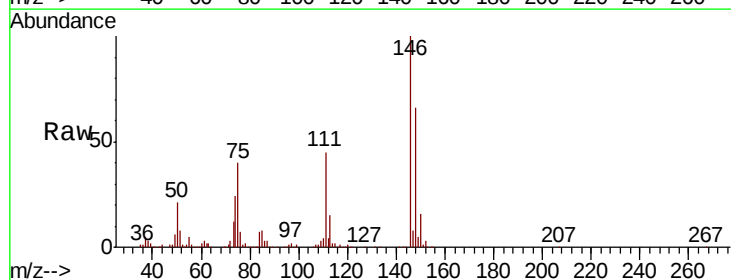
Instrument :  
 BNA\_G  
 ClientSampleId :

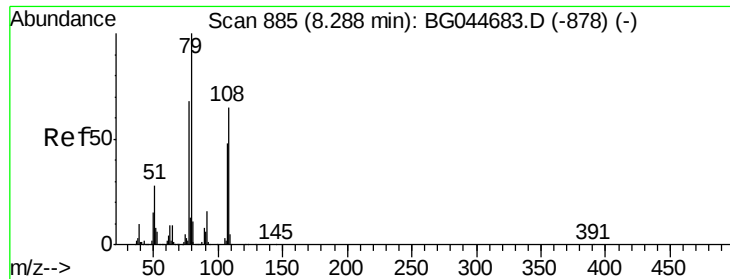
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.8  | 55.0  | 82.4  |
| 111     | 43.6  | 37.2  | 55.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 75.568 ng  
 RT: 8.42 min Scan# 907  
 Delta R.T. 0.00 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.5  | 51.8  | 77.8  |
| 111     | 45.0  | 33.4  | 50.0  |





#15

Benzyl Alcohol

Concen: 117.404 ng

RT: 8.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

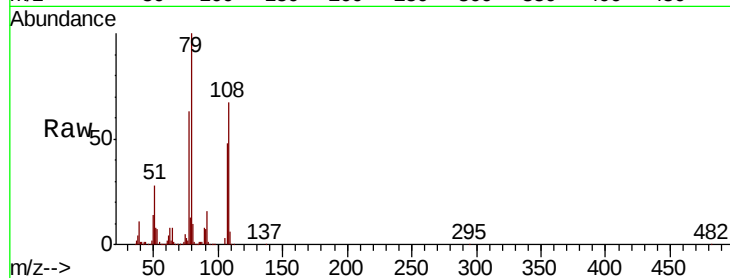
Tot Ion: 79 Resp: 429473

Ion Ratio Lower Upper

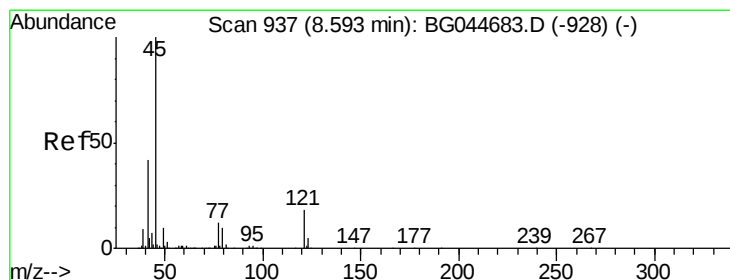
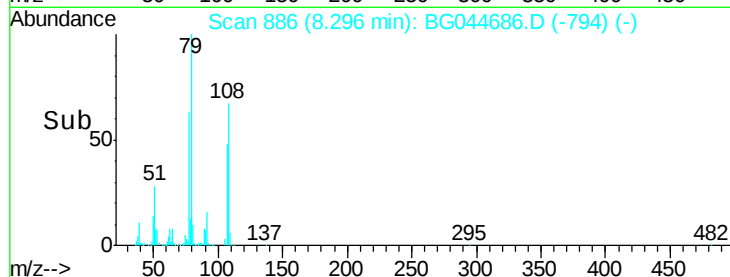
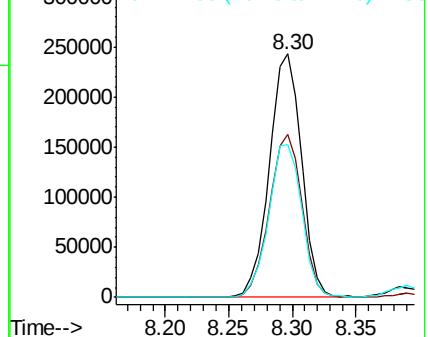
79 100

108 66.9 52.2 78.4

77 62.9 54.2 81.2



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: 115.607 ng

RT: 8.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

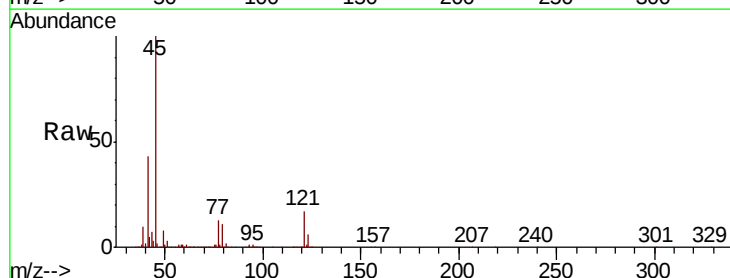
Tgt Ion: 45 Resp: 686552

Ion Ratio Lower Upper

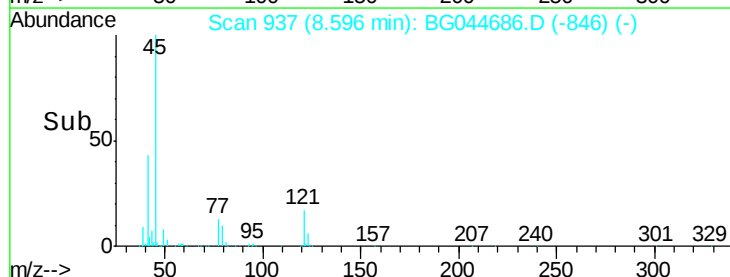
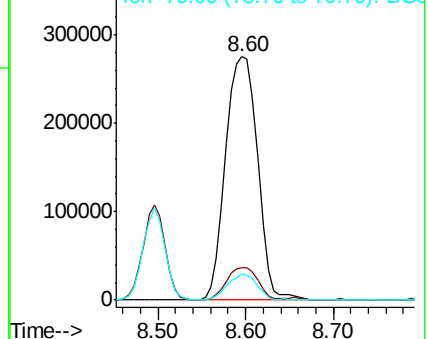
45 100

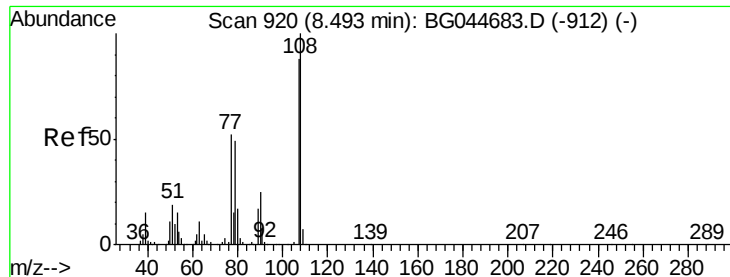
77 13.3 0.0 32.1

79 10.7 0.0 29.9



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: 89.147 ng

RT: 8.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampled :

Tot Ion:107 Resp: 334752

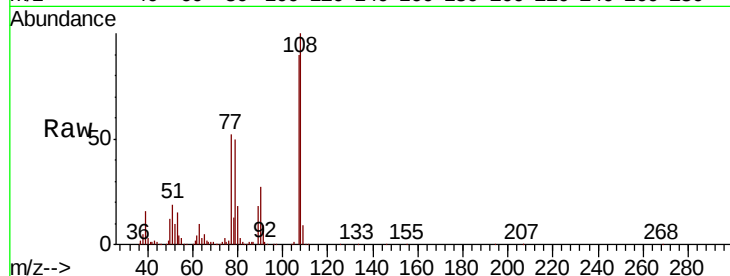
Ion Ratio Lower Upper

107 100

108 111.5 90.5 135.7

77 57.7 47.3 70.9

79 56.0 44.6 67.0

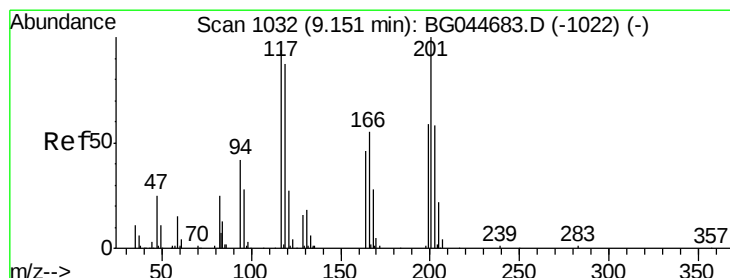
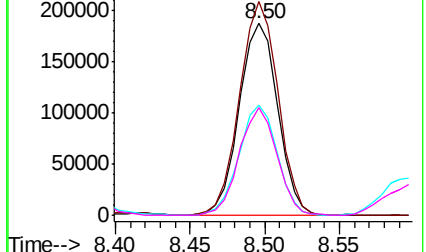
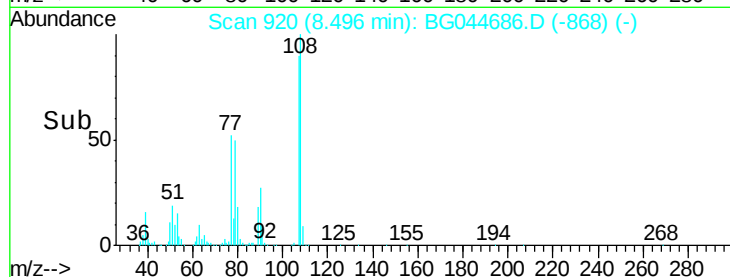


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 83.021 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

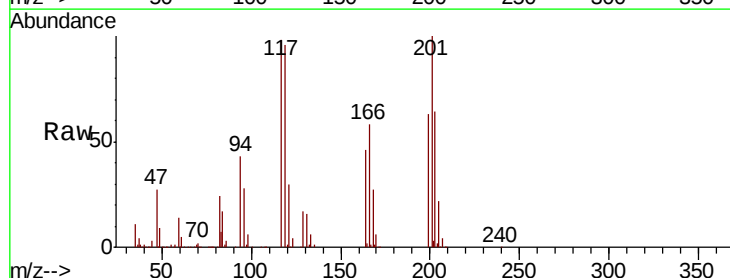
Tgt Ion:117 Resp: 157316

Ion Ratio Lower Upper

117 100

119 98.2 74.5 111.7

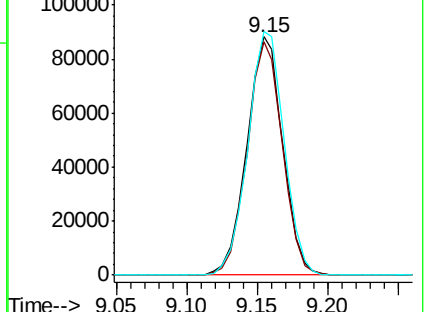
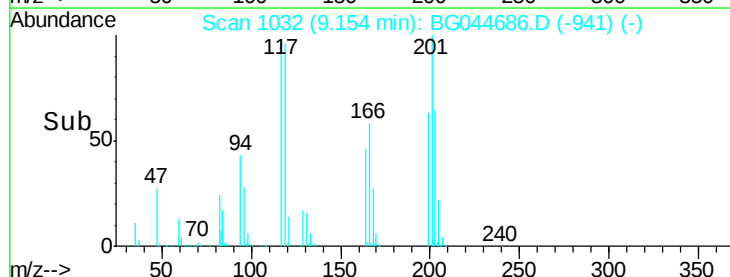
201 102.3 85.5 128.3

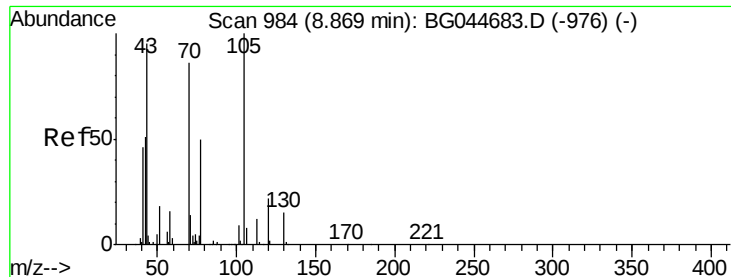


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

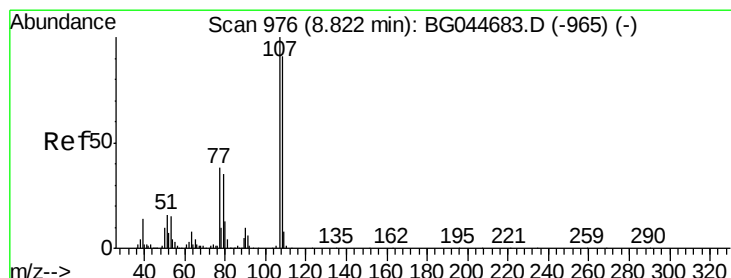
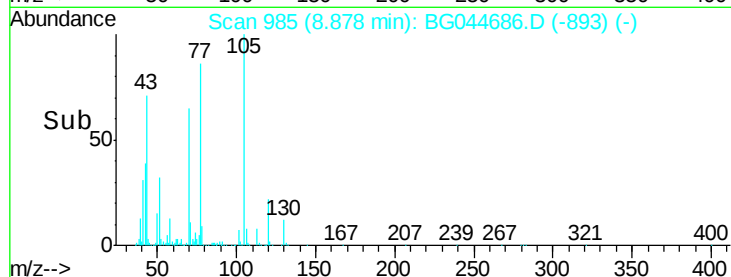
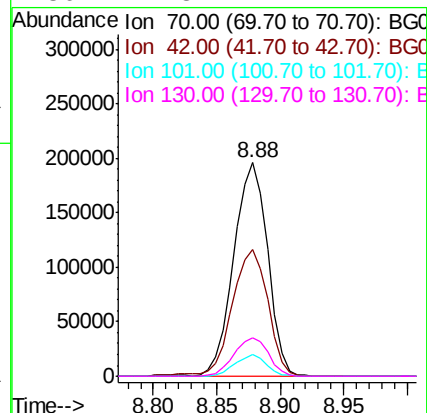
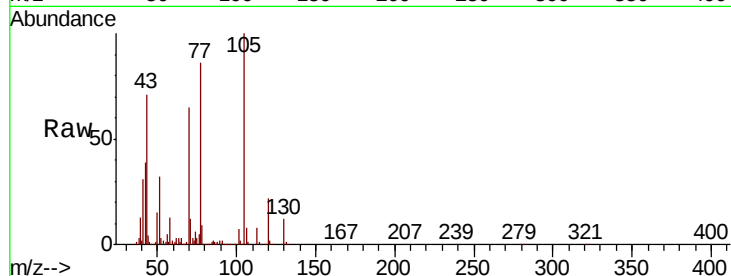




#19  
n-Nitroso-di-n-propylamine  
Concen: 104.198 ng  
RT: 8.88 min Scan# 985  
Delta R.T. 0.01 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

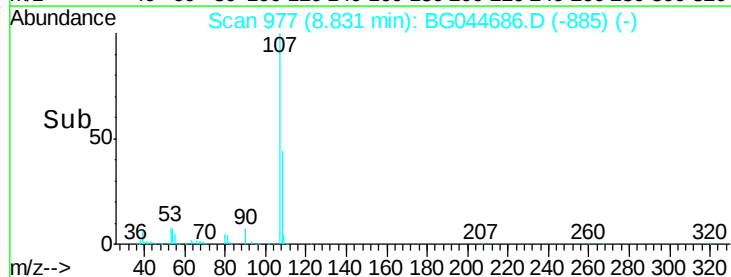
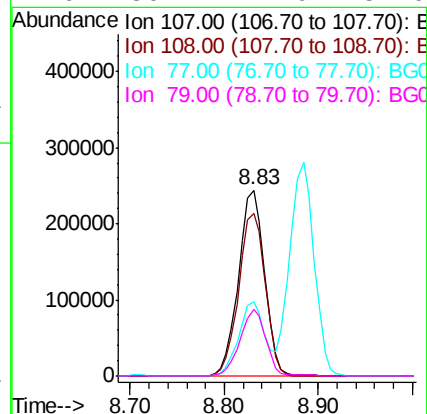
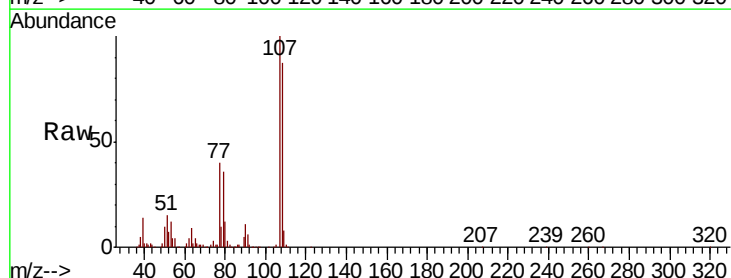
Instrument :  
BNA\_G  
ClientSampleId :

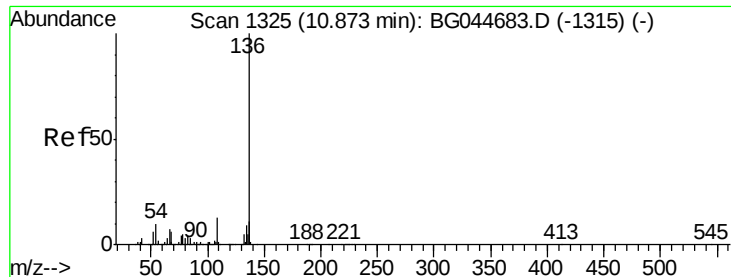
Tot Ion: 70 Resp: 363292  
Ion Ratio Lower Upper  
70 100  
42 59.5 48.9 73.3  
101 10.1 8.0 12.0  
130 17.8 14.1 21.1



#20  
3+4-Methylphenols  
Concen: 91.646 ng  
RT: 8.83 min Scan# 977  
Delta R.T. 0.01 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

Tgt Ion: 107 Resp: 471153  
Ion Ratio Lower Upper  
107 100  
108 87.2 70.8 110.8  
77 39.8 17.8 57.8  
79 36.1 14.9 54.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG044686.D

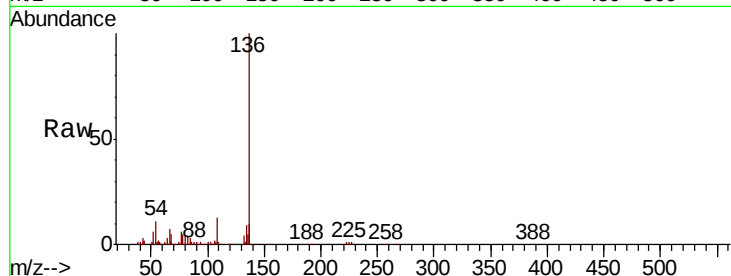
Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 255689   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 9.9   | 8.6 12.8 |
| 54          | 11.3  | 8.2 12.4 |
| 68          | 5.2   | 5.3 7.9# |



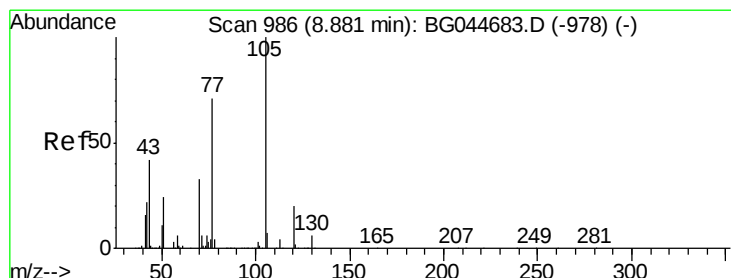
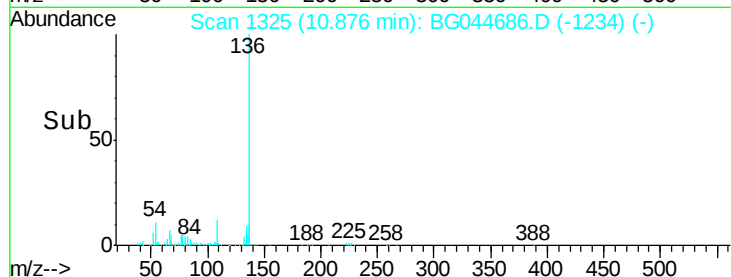
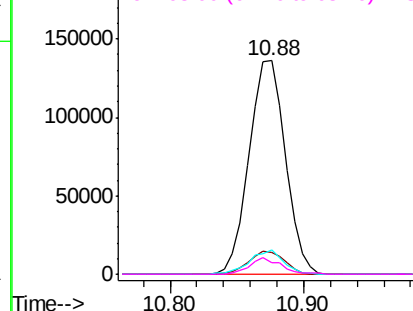
Abundance

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: 92.355 ng

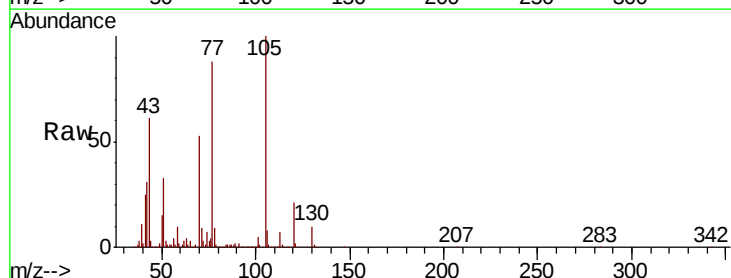
RT: 8.88 min Scan# 986

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 592872    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 8.8   | 4.8 7.2#  |
| 51          | 32.8  | 24.0 36.0 |
| 120         | 21.5  | 16.2 24.2 |



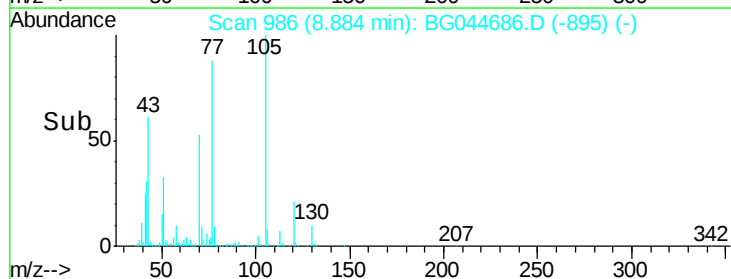
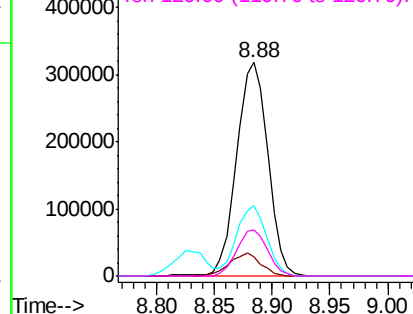
Abundance

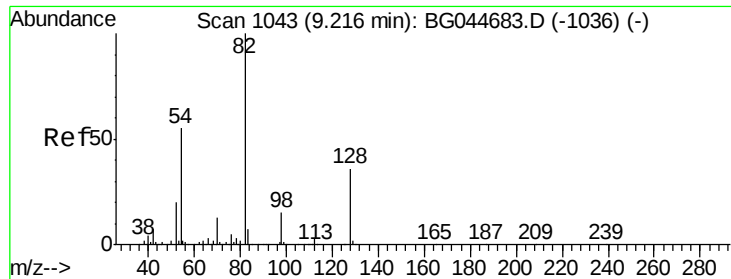
Ion 105.00 (104.70 to 105.70): E

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

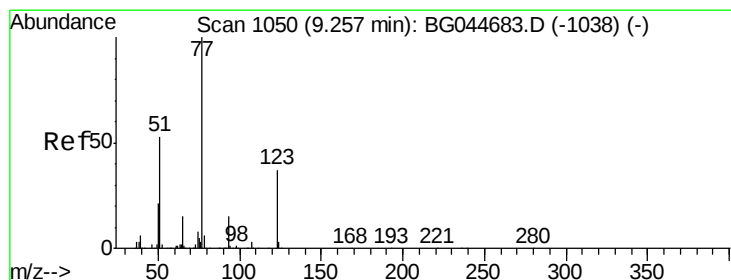
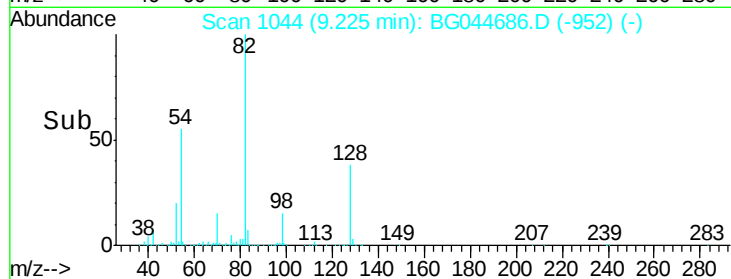
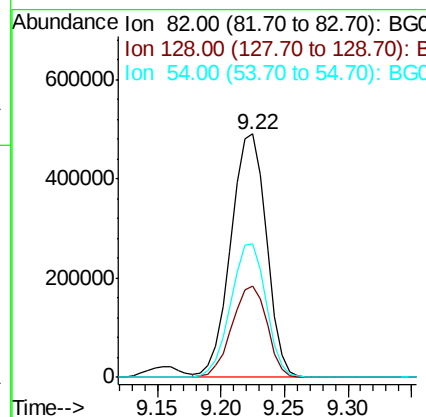
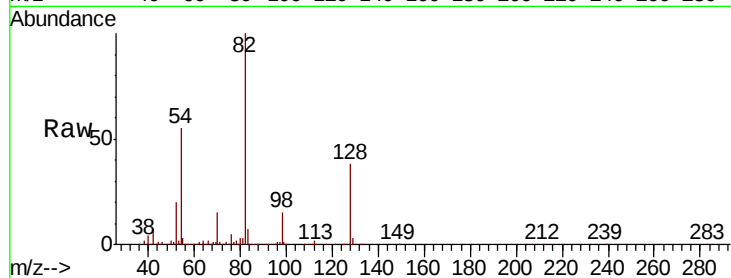




#23  
 Nitrobenzene-d5  
 Concen: 192.024 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. 0.01 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

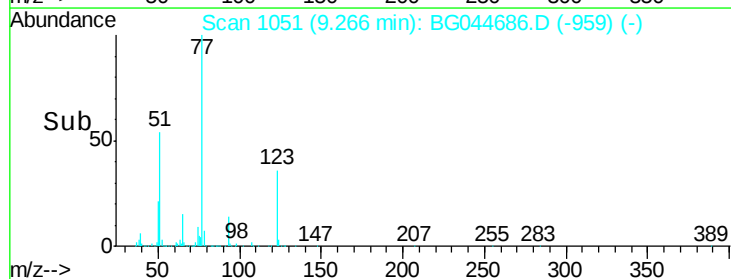
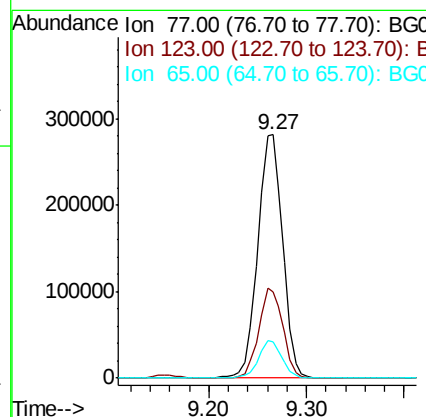
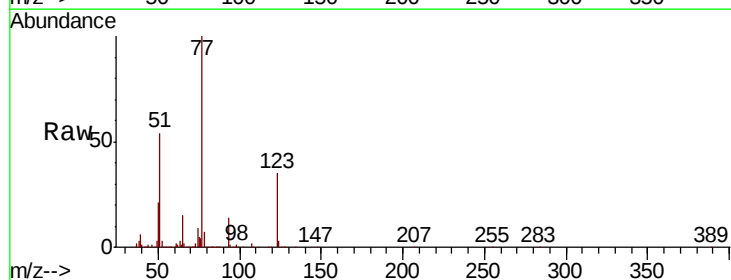
Instrument :  
 BNA\_G  
 ClientSampleId :

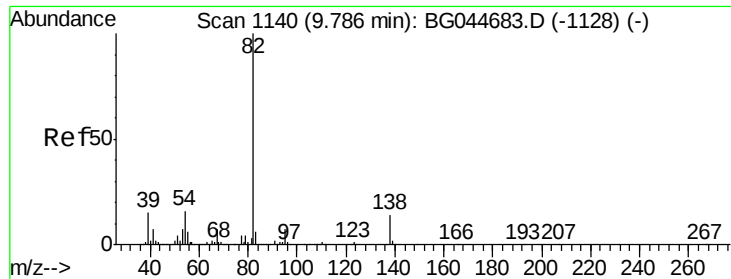
| Tot Ion   | 82    | Resp  | 953030 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 37.5  | 28.5  | 42.7   |
| 54        | 54.7  | 43.6  | 65.4   |



#24  
 Nitrobenzene  
 Concen: 105.383 ng  
 RT: 9.27 min Scan# 1051  
 Delta R.T. 0.01 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

| Tgt Ion   | 77    | Resp  | 506714 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 35.4  | 29.7  | 44.5   |
| 65        | 15.1  | 11.7  | 17.5   |





#25

Isophorone

Concen: 104.348 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

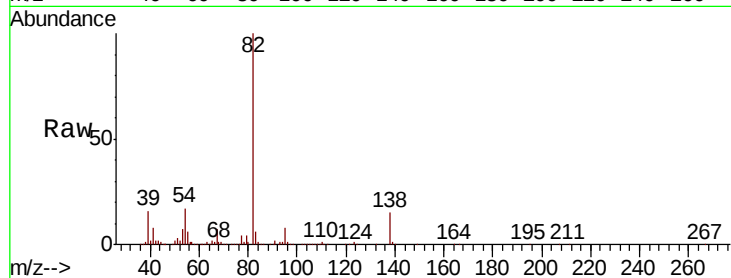
Tot Ion: 82 Resp: 968821

Ion Ratio Lower Upper

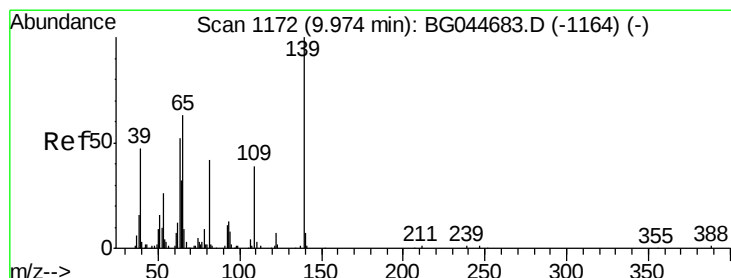
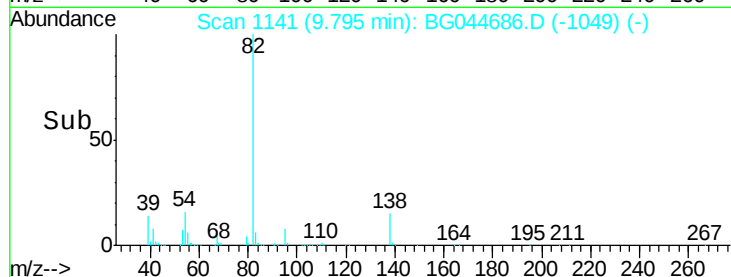
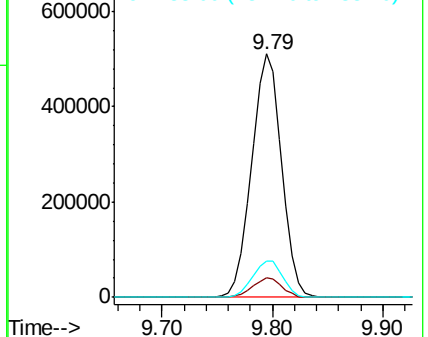
82 100

95 8.1 6.0 9.0

138 15.1 11.2 16.8



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



#26

2-Nitrophenol

Concen: 67.952 ng

RT: 9.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

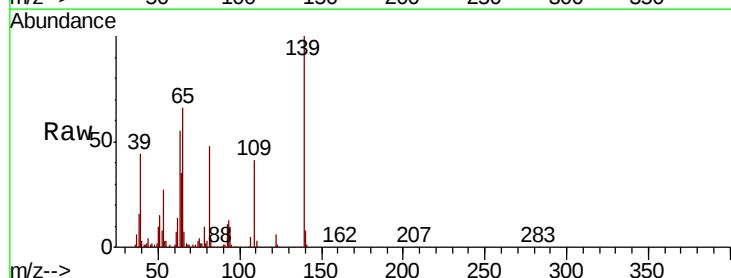
Tgt Ion: 139 Resp: 177197

Ion Ratio Lower Upper

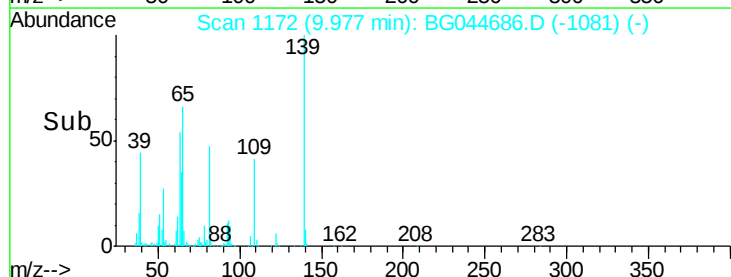
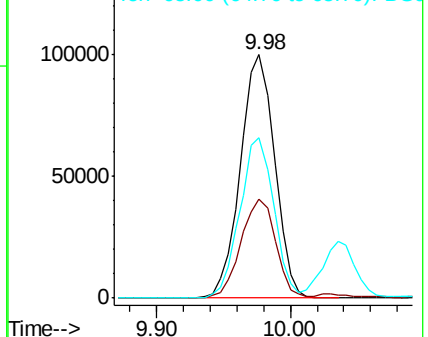
139 100

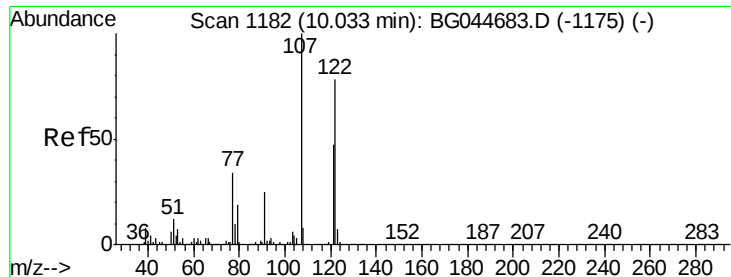
109 40.6 31.1 46.7

65 66.0 50.2 75.4



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

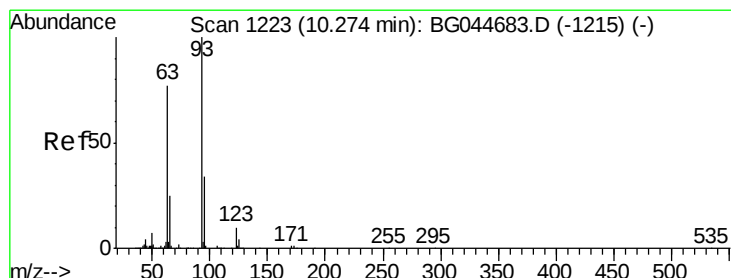
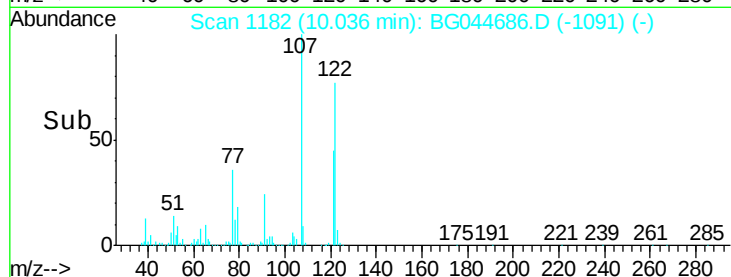
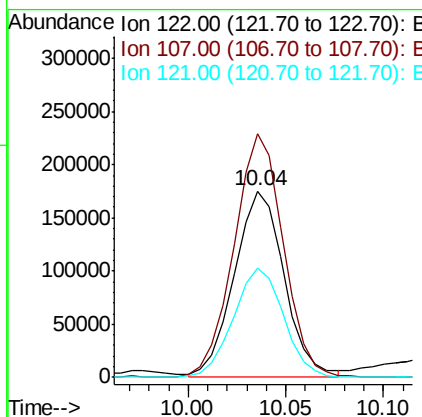
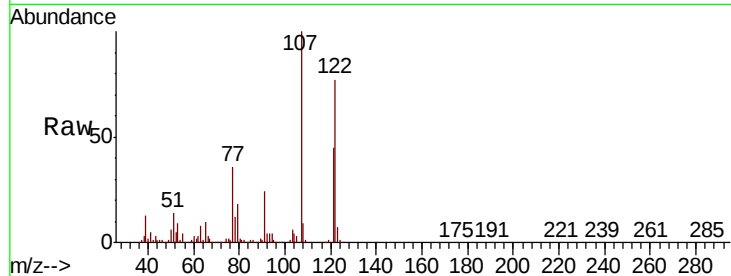




#27  
2,4-Dimethylphenol  
Concen: 84.171 ng  
RT: 10.04 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

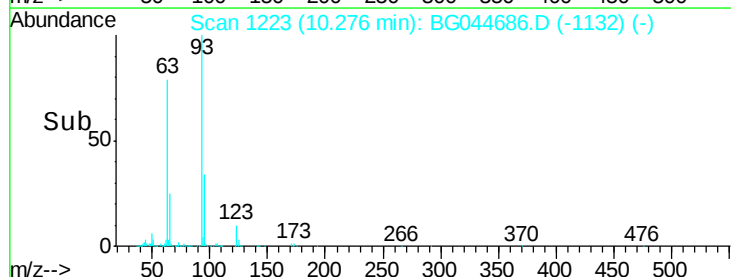
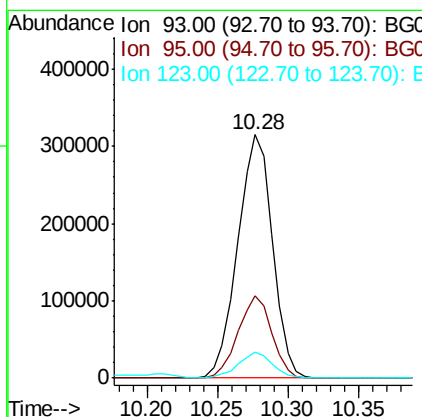
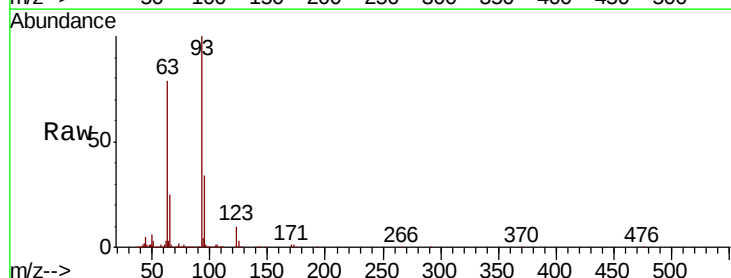
Instrument :  
BNA\_G  
ClientSampleId :

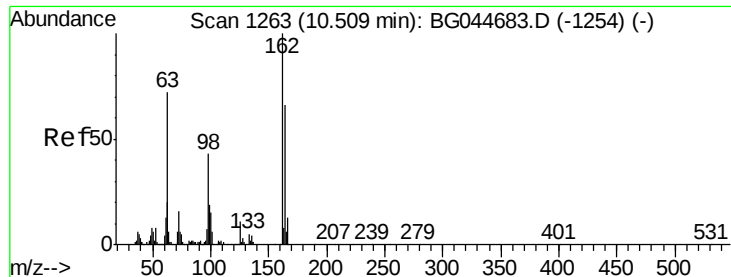
Tot Ion:122 Resp: 308183  
Ion Ratio Lower Upper  
122 100  
107 130.5 101.7 152.5  
121 58.7 47.5 71.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 88.018 ng  
RT: 10.28 min Scan# 1223  
Delta R.T. 0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

Tgt Ion: 93 Resp: 540419  
Ion Ratio Lower Upper  
93 100  
95 33.7 27.0 40.6  
123 10.5 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 81.459 ng

RT: 10.51 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampled :

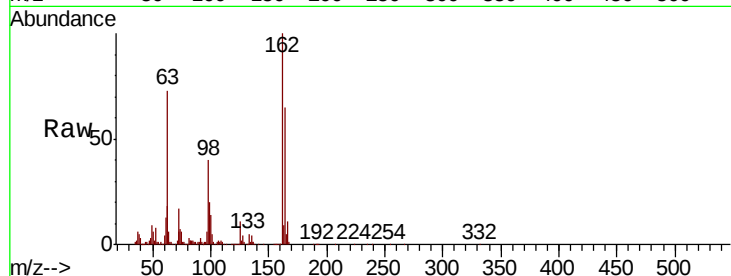
Tot Ion:162 Resp: 356577

Ion Ratio Lower Upper

162 100

164 65.3 46.1 86.1

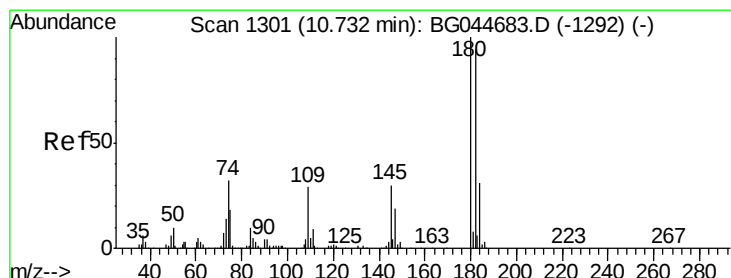
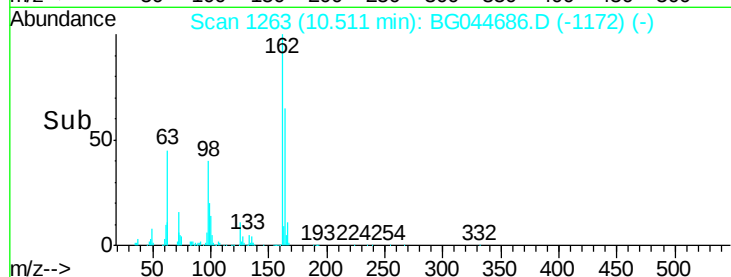
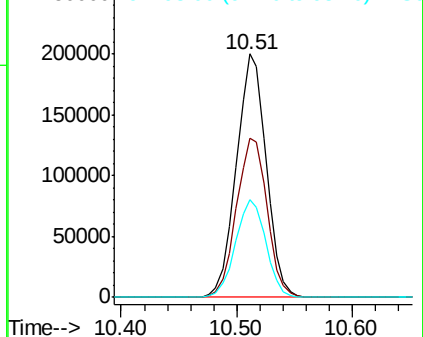
98 40.4 22.8 62.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 80.368 ng

RT: 10.73 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

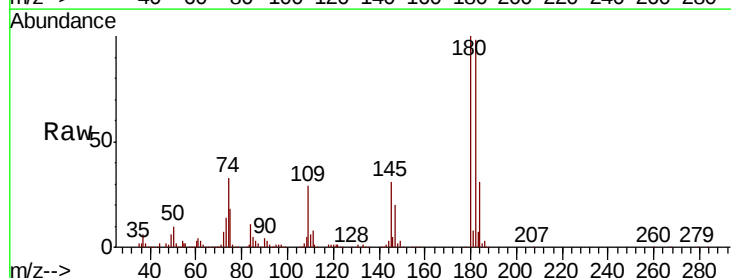
Tgt Ion:180 Resp: 406860

Ion Ratio Lower Upper

180 100

182 98.1 75.1 112.7

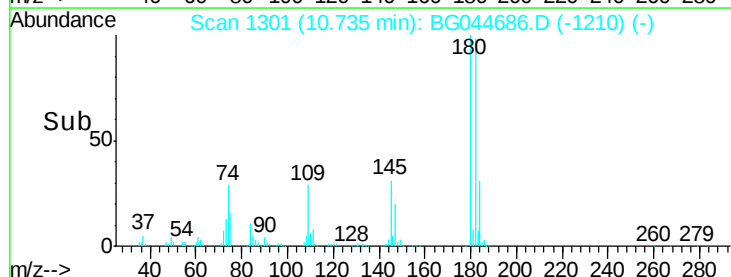
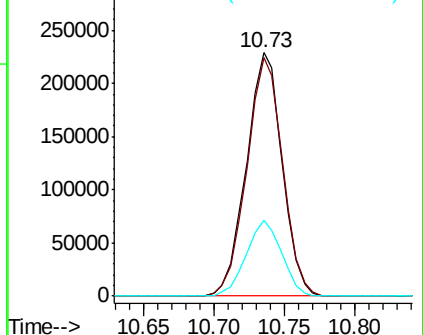
145 31.1 23.8 35.8

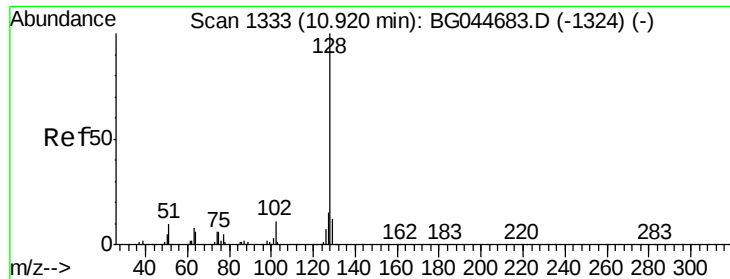


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 80.883 ng

RT: 10.92 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

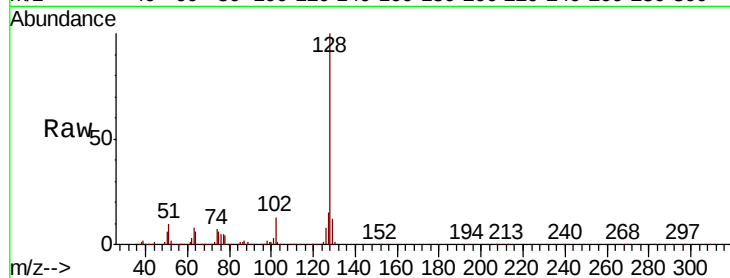
Tot Ion:128 Resp: 1128472

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

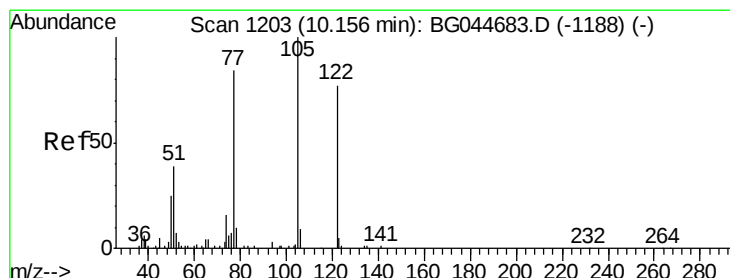
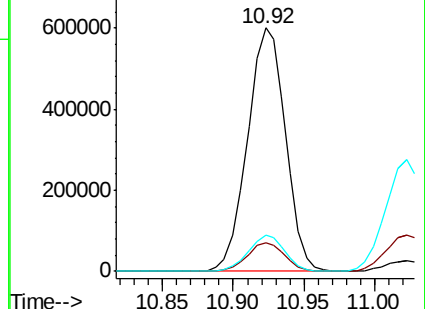
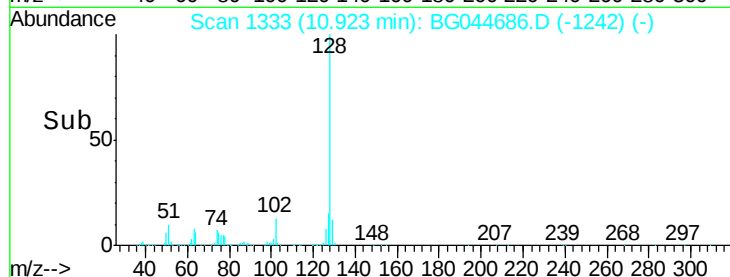
127 14.8 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 179.169 ng

RT: 10.21 min Scan# 1212

Delta R.T. 0.06 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

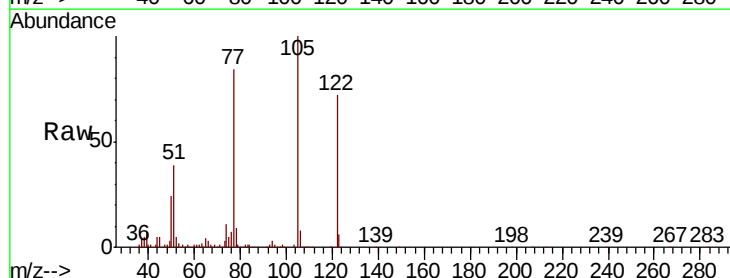
Tgt Ion:122 Resp: 254623

Ion Ratio Lower Upper

122 100

105 138.9 105.1 145.1

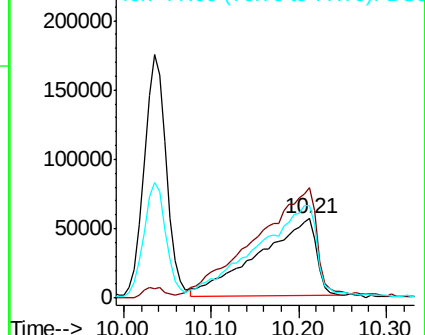
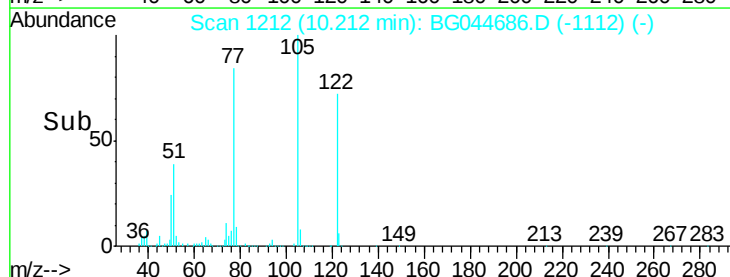
77 117.4 87.7 127.7

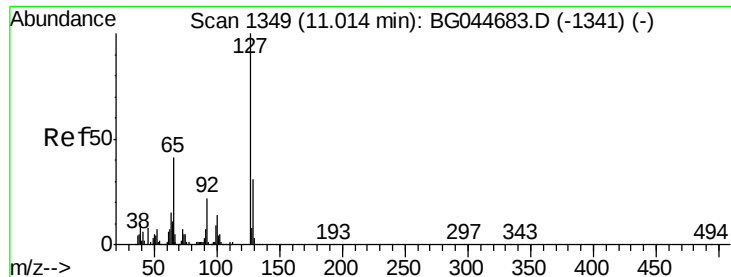


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

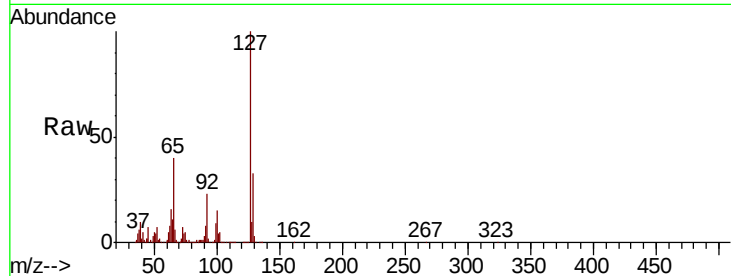




#33  
4-Chloroaniline  
Concen: 85.515 ng  
RT: 11.02 min Scan# 1350  
Delta R.T. 0.01 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.7  | 25.0  | 37.4  |
| 65      | 39.9  | 32.7  | 49.1  |
| 92      | 23.4  | 17.3  | 25.9  |



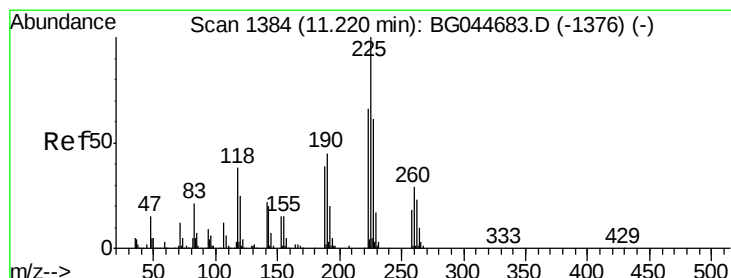
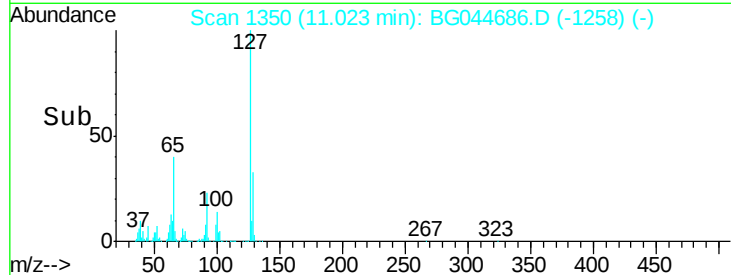
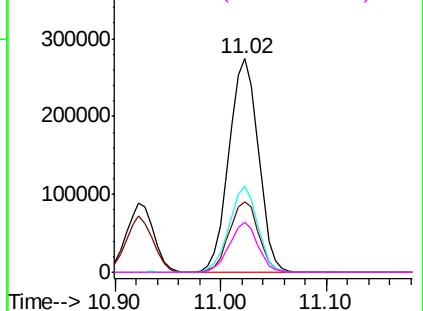
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

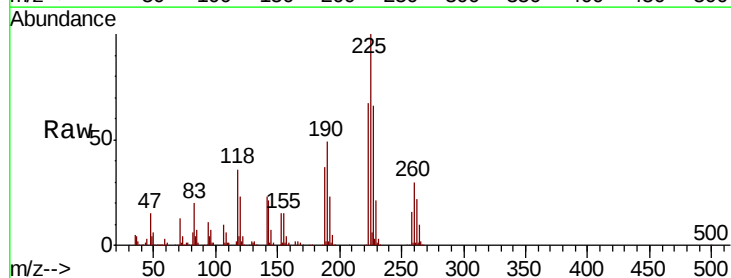
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 87.423 ng  
RT: 11.22 min Scan# 1384  
Delta R.T. 0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 67.2  | 52.4  | 78.6  |
| 227     | 65.9  | 48.7  | 73.1  |

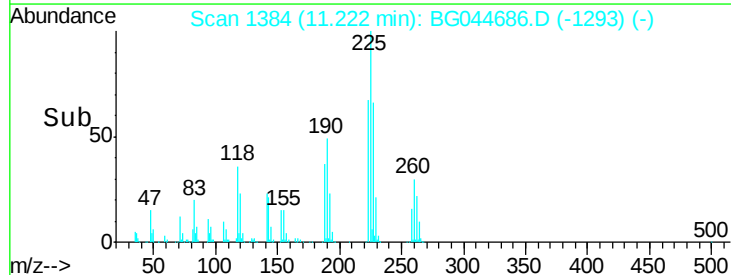
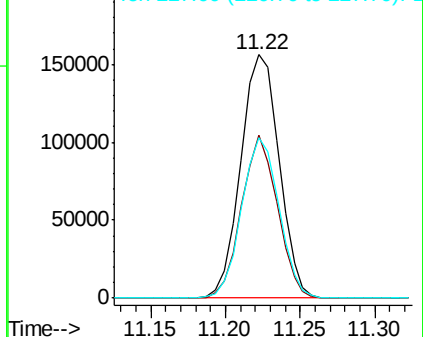


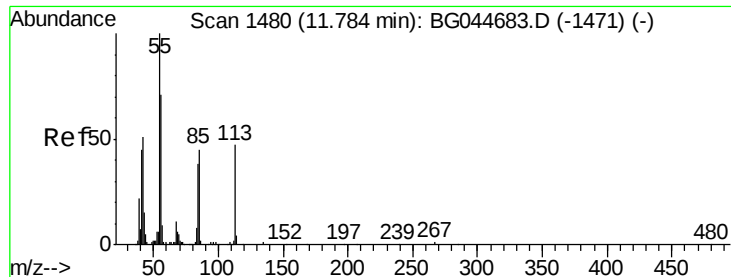
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 90.401 ng

RT: 11.81 min Scan# 1484

Delta R.T. 0.03 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

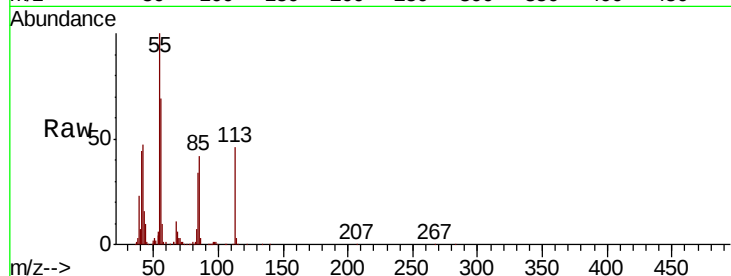
Tot Ion:113 Resp: 141662

Ion Ratio Lower Upper

113 100

55 215.3 194.3 234.3

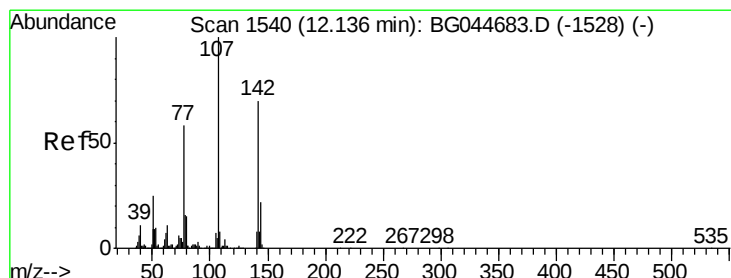
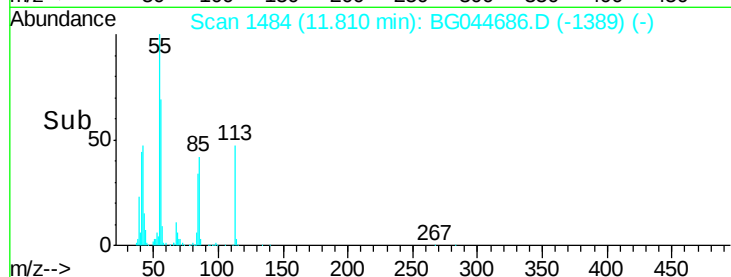
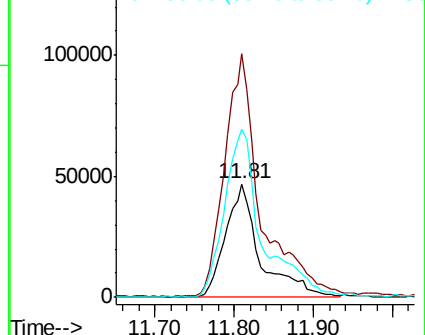
56 149.2 131.4 171.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 99.004 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

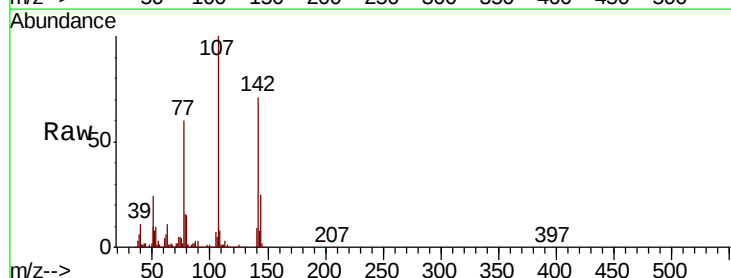
Tgt Ion:107 Resp: 446102

Ion Ratio Lower Upper

107 100

144 24.8 17.9 26.9

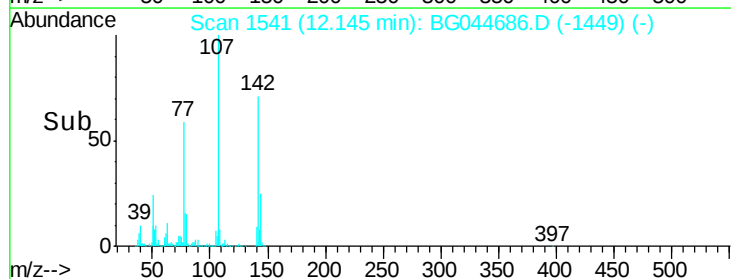
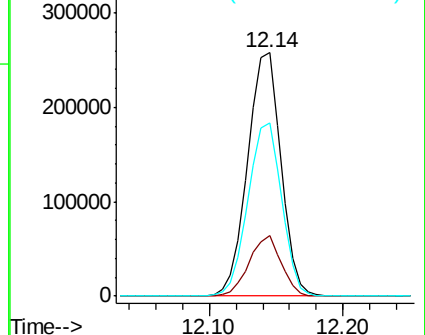
142 71.0 55.8 83.8

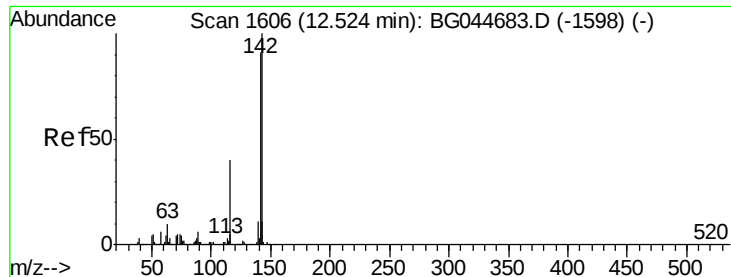


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

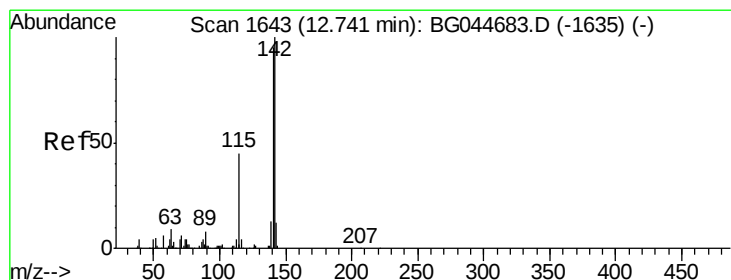
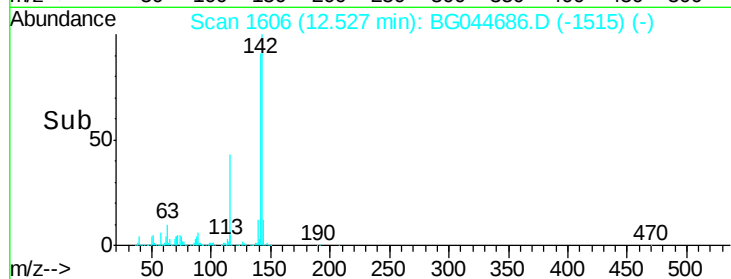
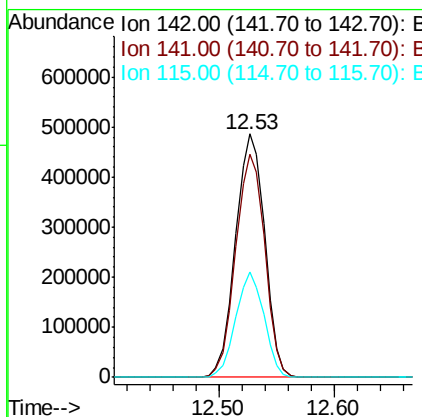
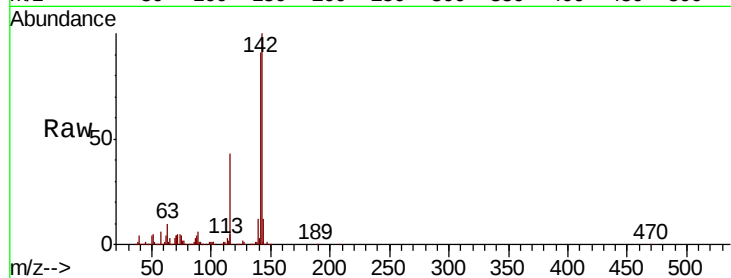




#37  
2-Methylnaphthalene  
Concen: 82.499 ng  
RT: 12.53 min Scan# 1606  
Delta R.T. 0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

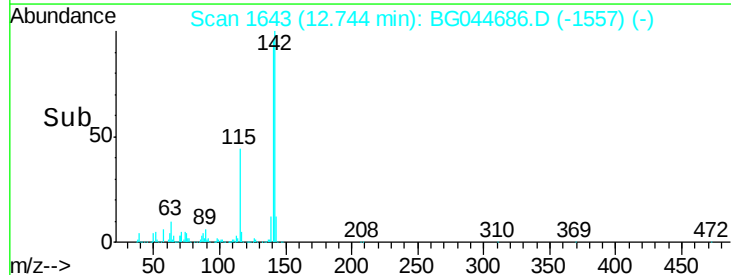
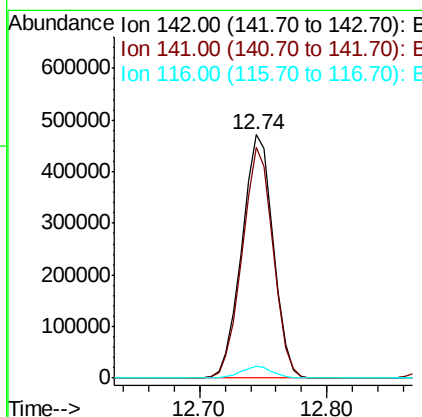
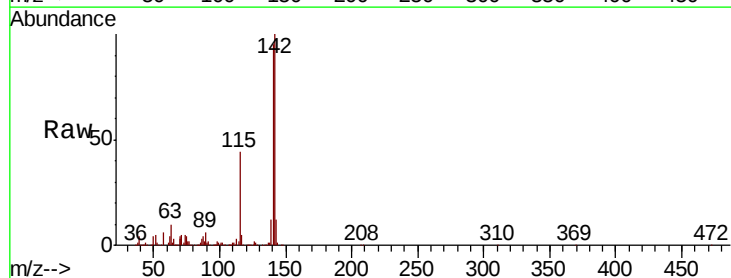
Instrument :  
BNA\_G  
ClientSampleId :

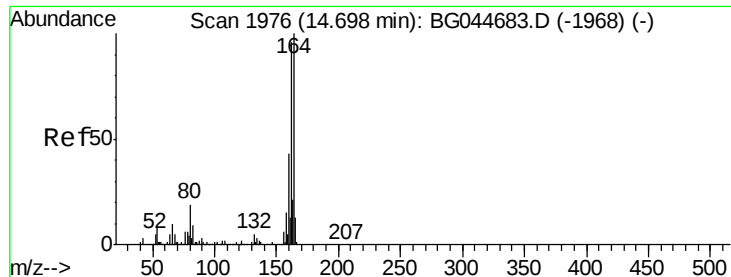
Tot Ion:142 Resp: 850679  
Ion Ratio Lower Upper  
142 100  
141 91.4 72.9 109.3  
115 43.1 32.3 48.5



#38  
1-Methylnaphthalene  
Concen: 82.697 ng  
RT: 12.74 min Scan# 1643  
Delta R.T. 0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

Tgt Ion:142 Resp: 810253  
Ion Ratio Lower Upper  
142 100  
141 95.0 76.2 114.2  
116 4.8 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

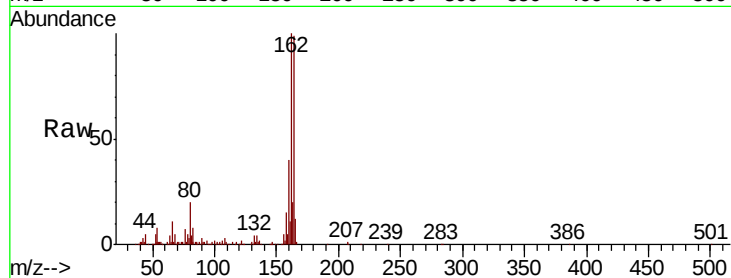
Tot Ion:164 Resp: 179192

Ion Ratio Lower Upper

164 100

162 100.6 76.5 114.7

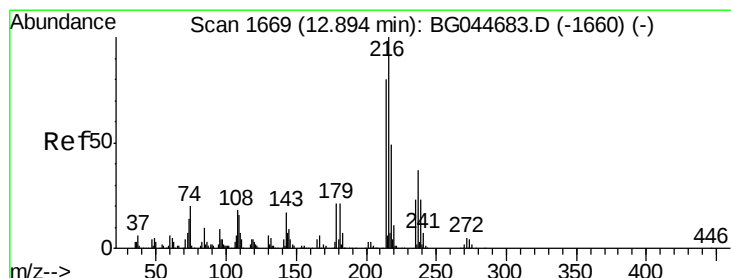
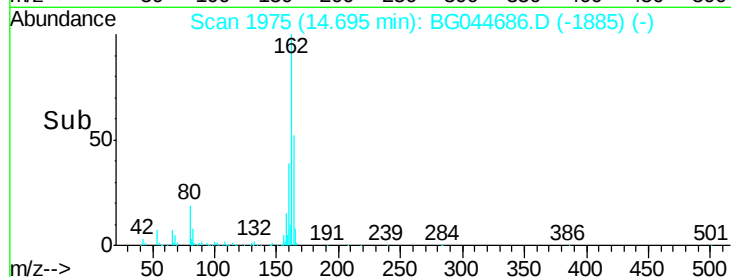
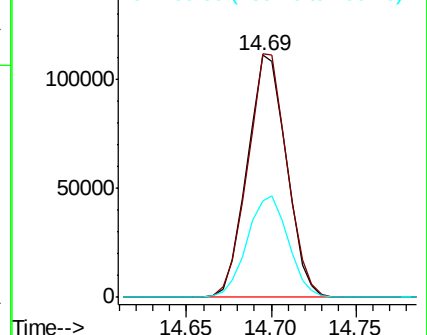
160 39.8 34.8 52.2



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: 76.753 ng

RT: 12.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Tgt Ion:216 Resp: 463013

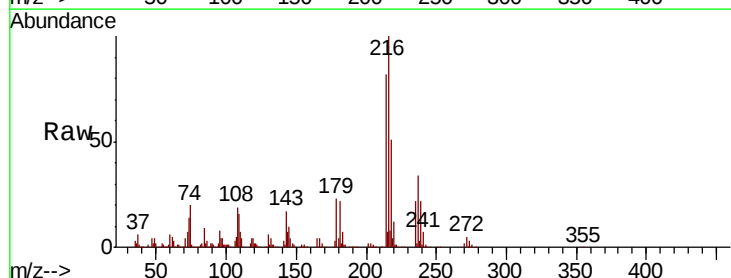
Ion Ratio Lower Upper

216 100

214 78.8 64.5 96.7

179 21.3 16.7 25.1

108 20.2 15.8 23.6

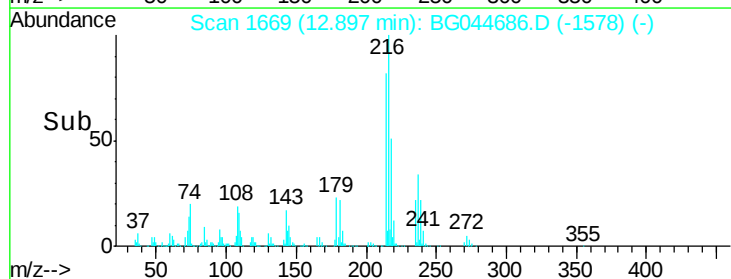
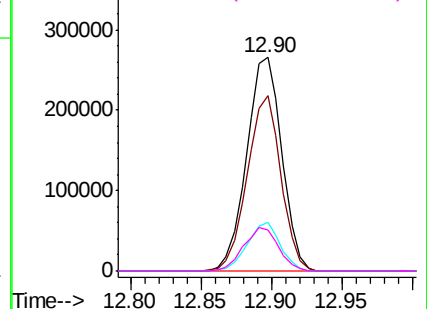


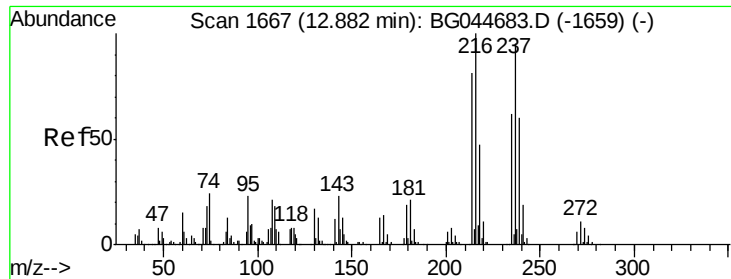
Abundance Ion 216.00 (215.70 to 216.70): E

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: 117.516 ng

RT: 12.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampled :

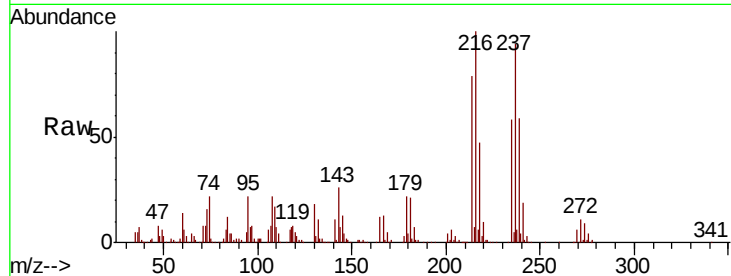
Tot Ion:237 Resp: 279661

Ion Ratio Lower Upper

237 100

235 61.5 44.7 84.7

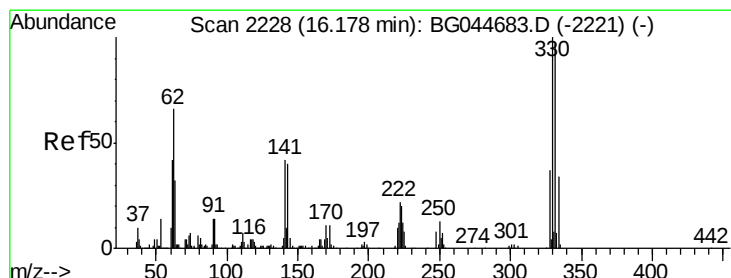
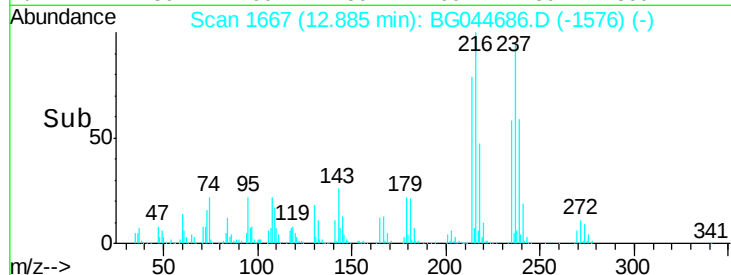
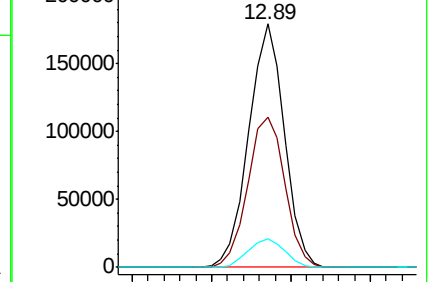
272 12.0 0.0 31.7



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: 160.636 ng

RT: 16.19 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

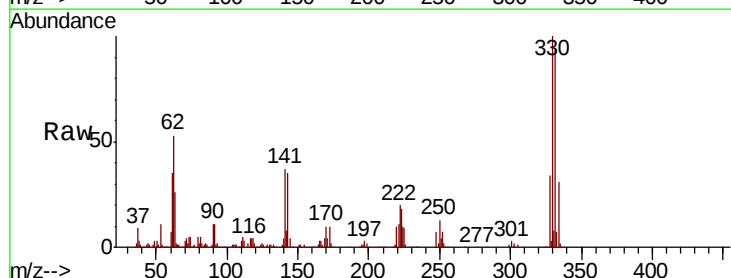
Tgt Ion:330 Resp: 408145

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

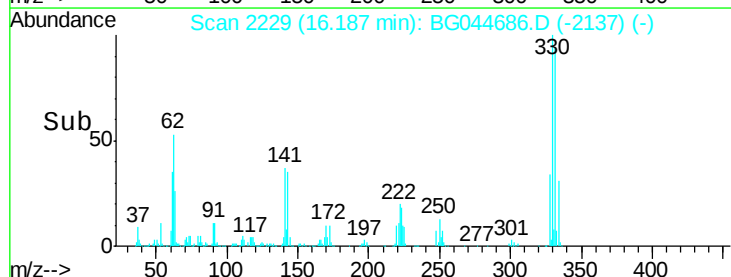
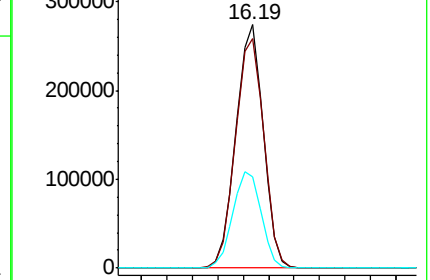
141 41.1 32.4 48.6

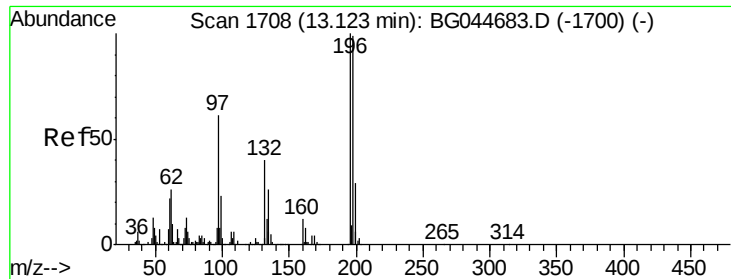


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

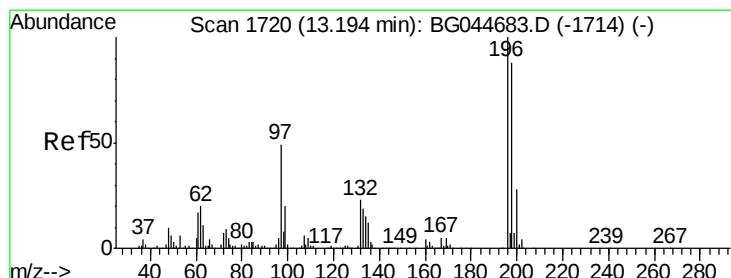
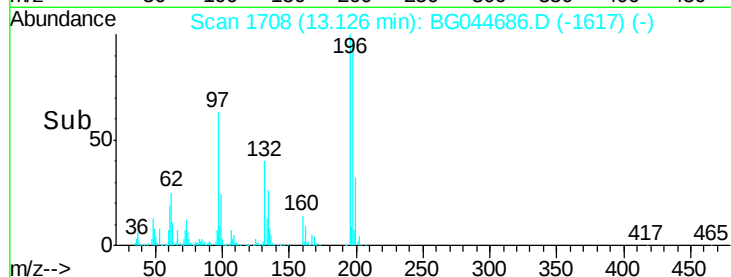
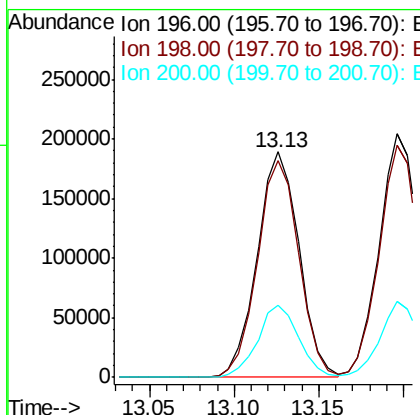
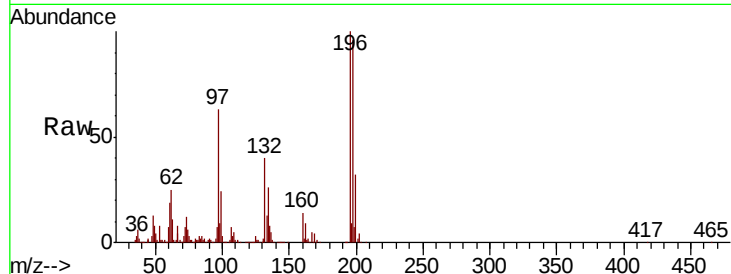




#43  
2,4,6-Trichlorophenol  
Concen: 82.917 ng  
RT: 13.13 min Scan# 1708  
Delta R.T. 0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

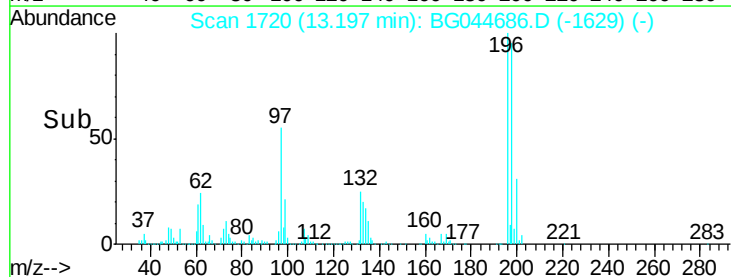
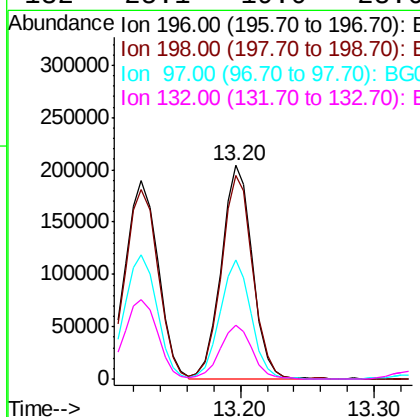
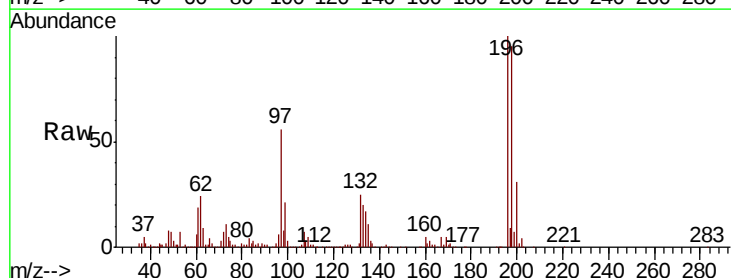
Instrument :  
BNA\_G  
ClientSampleId :

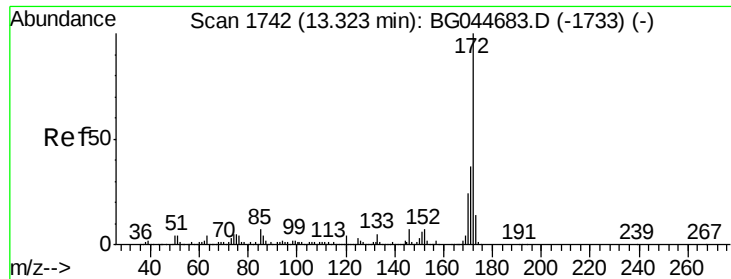
Tot Ion:196 Resp: 324782  
Ion Ratio Lower Upper  
196 100  
198 95.9 79.3 118.9  
200 32.2 23.0 34.6



#44  
2,4,5-Trichlorophenol  
Concen: 82.569 ng  
RT: 13.20 min Scan# 1720  
Delta R.T. 0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

Tgt Ion:196 Resp: 332232  
Ion Ratio Lower Upper  
196 100  
198 95.4 70.7 106.1  
97 55.5 39.4 59.2  
132 25.1 19.0 28.6



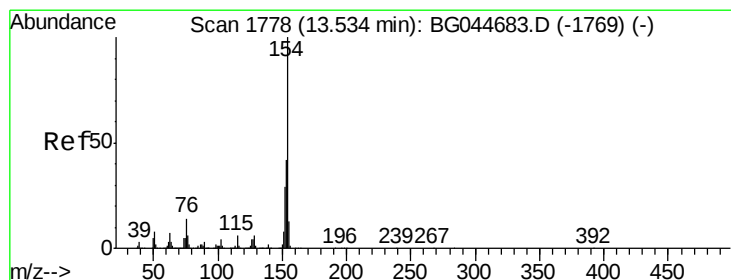
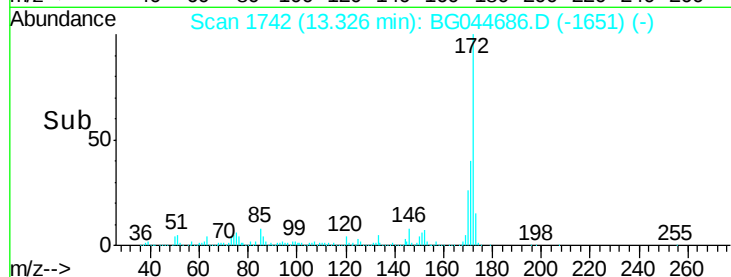
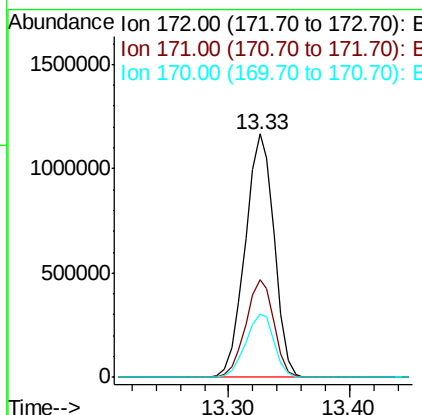
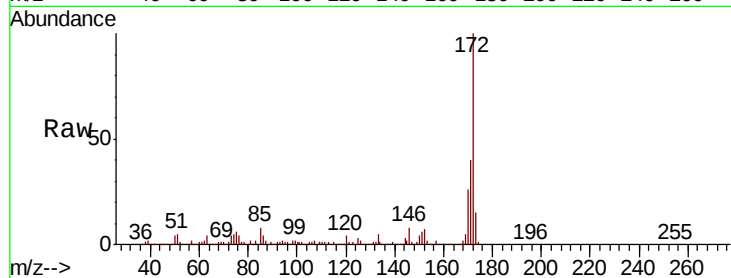


#45  
 2-Fluorobiphenyl  
 Concen: 155.658 ng  
 RT: 13.33 min Scan# 1742  
 Delta R.T. 0.00 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:172 Resp: 1947829  

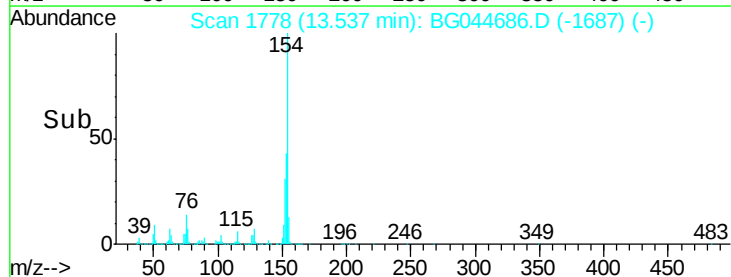
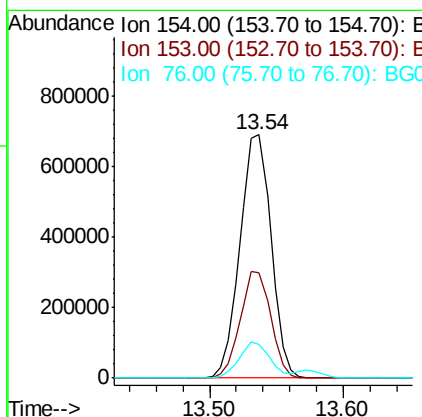
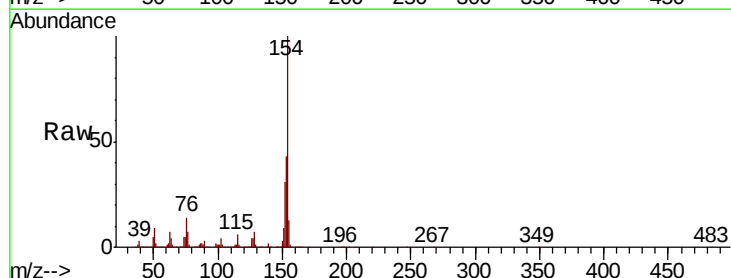
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 40.3  | 29.8  | 44.8  |
| 170 | 25.8  | 19.3  | 28.9  |

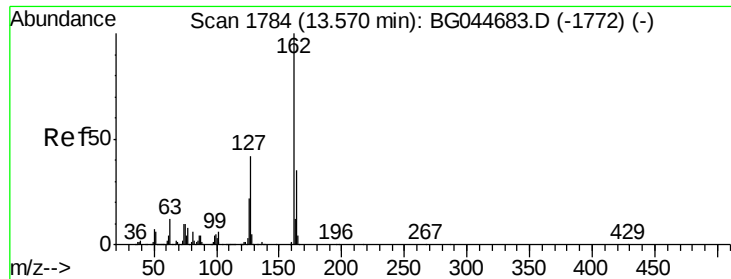


#46  
 1,1'-Biphenyl  
 Concen: 75.003 ng  
 RT: 13.54 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

Tgt Ion:154 Resp: 1112215  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 43.3  | 22.1  | 62.1  |
| 76  | 13.8  | 0.0   | 34.5  |

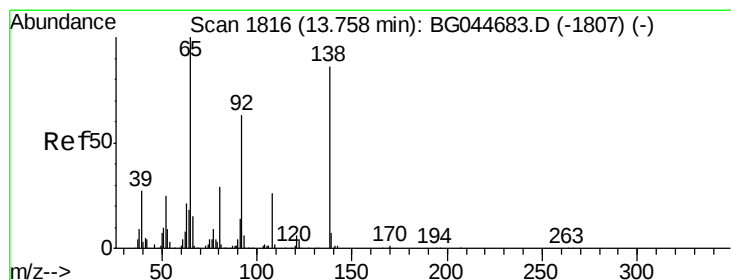
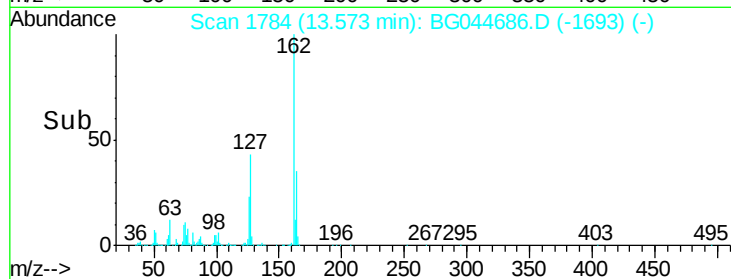
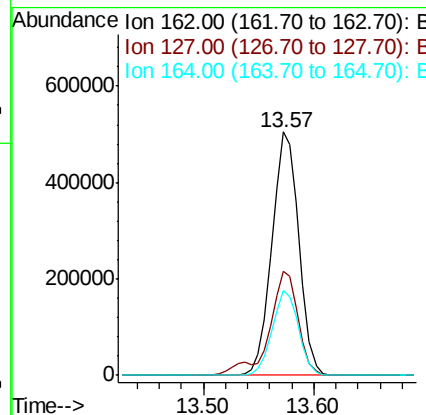
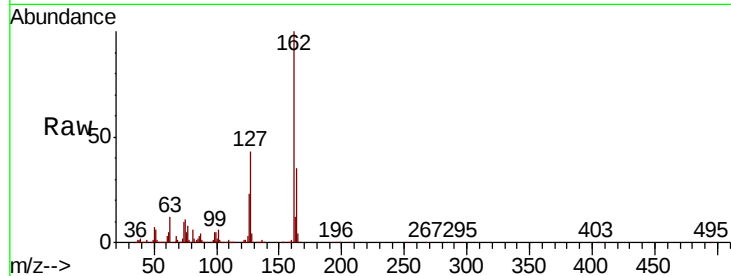




#47  
2-Chloronaphthalene  
Concen: 73.810 ng  
RT: 13.57 min Scan# 1784  
Delta R.T. 0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

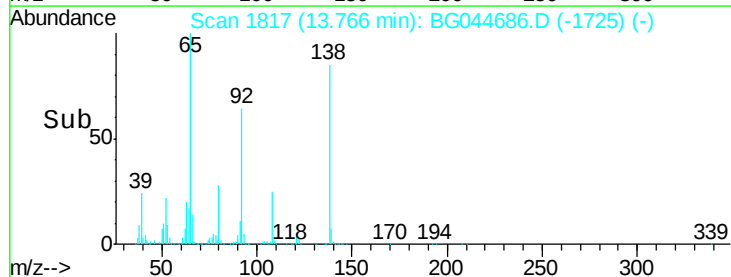
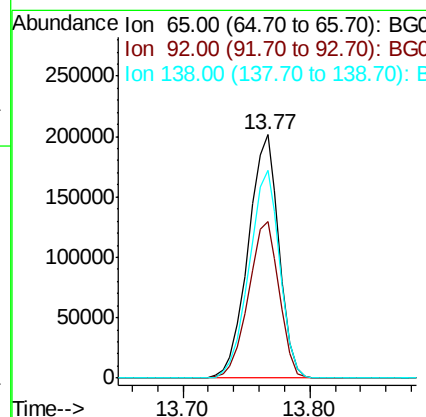
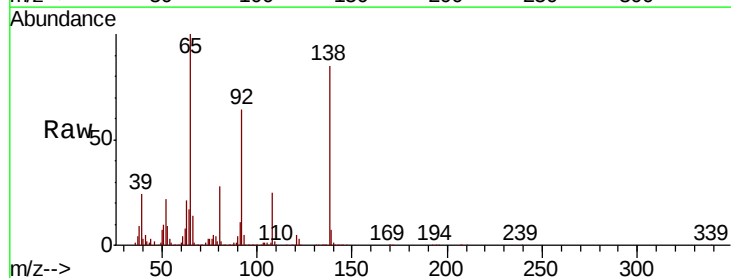
Instrument :  
BNA\_G  
ClientSampleId :

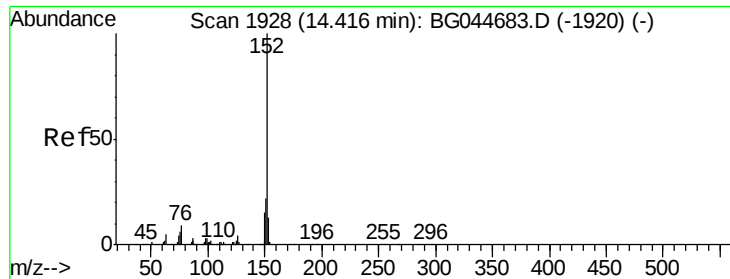
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.8  | 33.9  | 50.9  |
| 164     | 35.0  | 28.3  | 42.5  |



#48  
2-Nitroaniline  
Concen: 104.921 ng  
RT: 13.77 min Scan# 1817  
Delta R.T. 0.01 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.1  | 50.6  | 75.8  |
| 138     | 85.2  | 68.8  | 103.2 |





#49

Acenaphthylene

Concen: 79.234 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

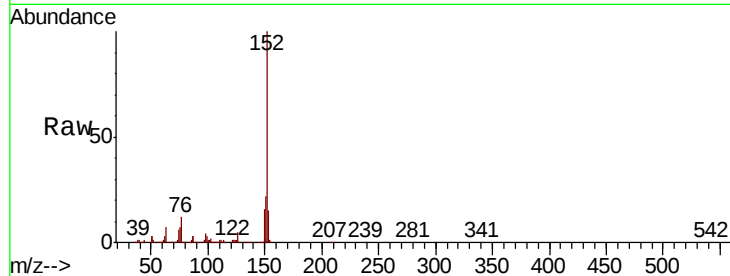
Tot Ion:152 Resp: 1360028

Ion Ratio Lower Upper

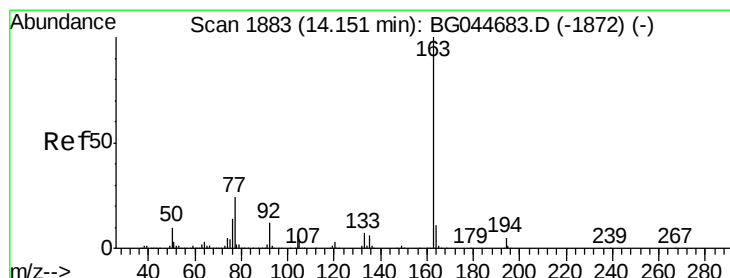
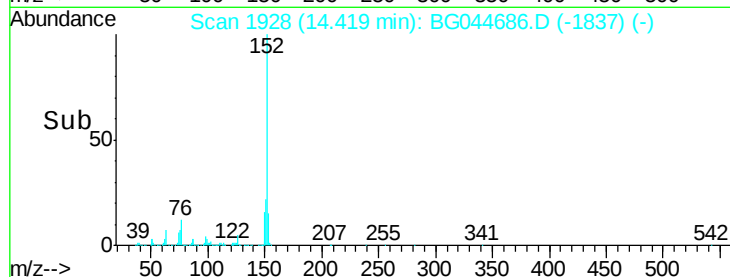
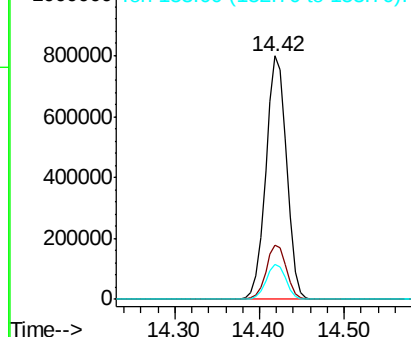
152 100

151 22.3 17.6 26.4

153 14.5 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: 79.412 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

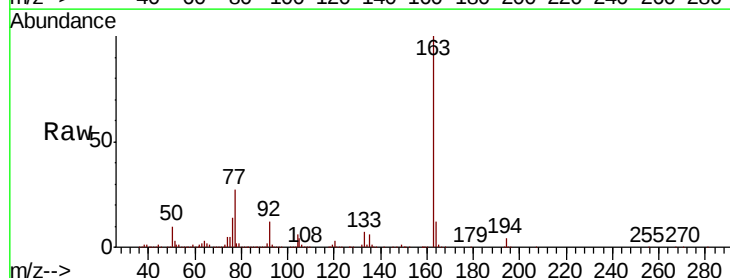
Tgt Ion:163 Resp: 1148546

Ion Ratio Lower Upper

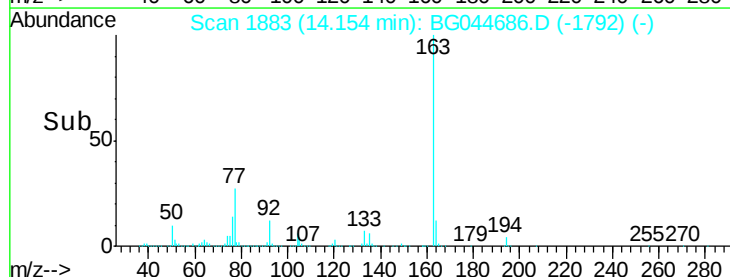
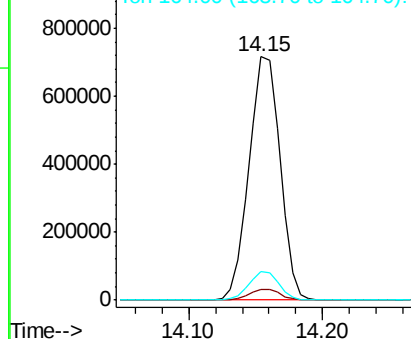
163 100

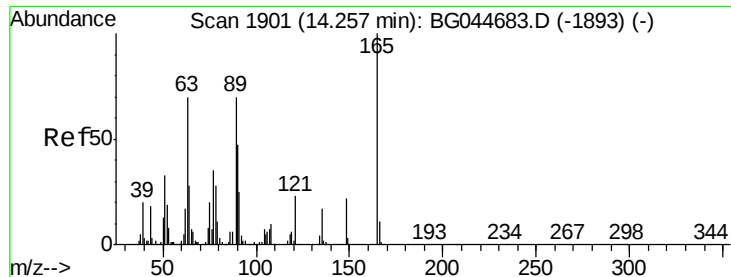
194 4.4 3.7 5.5

164 11.7 8.6 12.8



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





#51

2,6-Dinitrotoluene

Concen: 75.235 ng

RT: 14.26 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

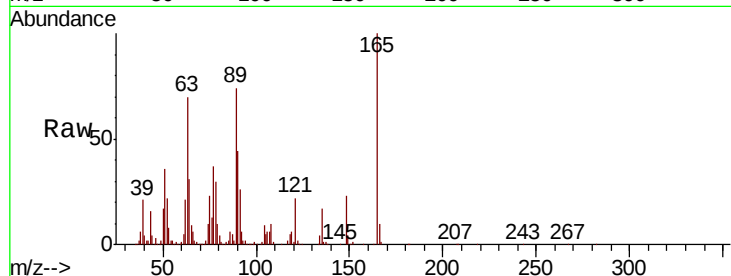
ClientSampleId :

Tot Ion:165 Resp: 239982

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 69.7  | 57.4  | 86.0  |
| 89  | 73.6  | 56.2  | 84.2  |

63 69.7 57.4 86.0

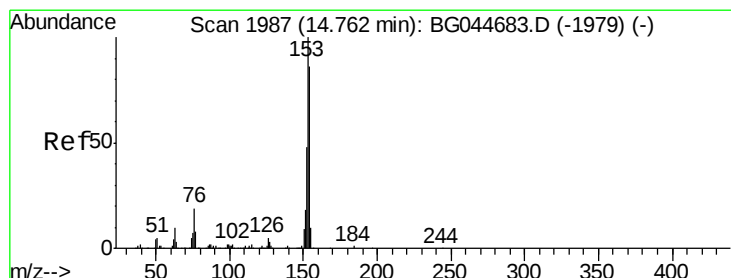
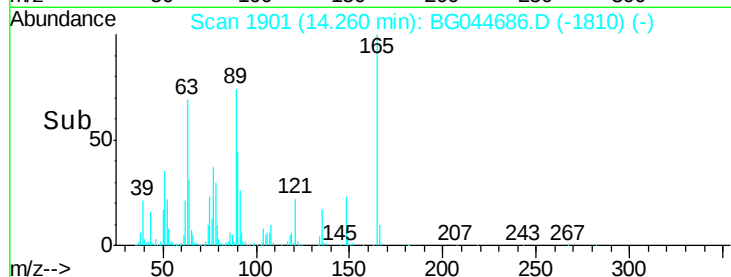
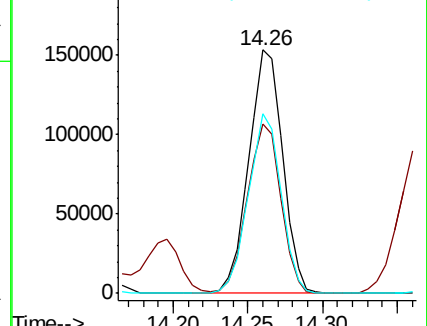
89 73.6 56.2 84.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG044686.D (-1896) (-)

Ion 89.00 (88.70 to 89.70): BG044686.D (-1896) (-)



#52

Acenaphthene

Concen: 83.274 ng

RT: 14.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG044686.D

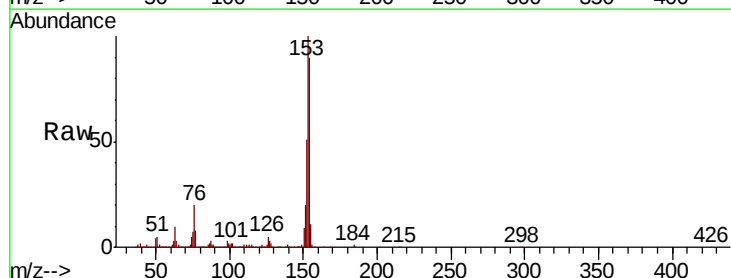
Acq: 5 Mar 2020 16:03

Tgt Ion:154 Resp: 911157

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 110.8 | 92.6  | 138.8 |
| 152 | 56.2  | 44.2  | 66.4  |

153 110.8 92.6 138.8

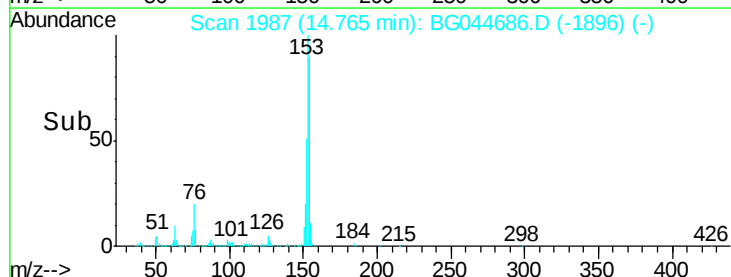
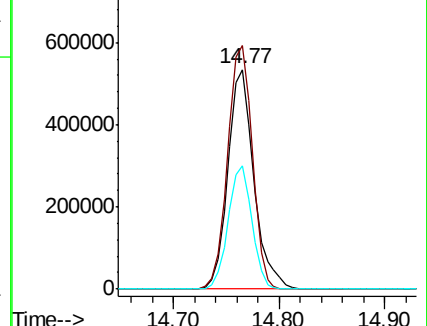
152 56.2 44.2 66.4

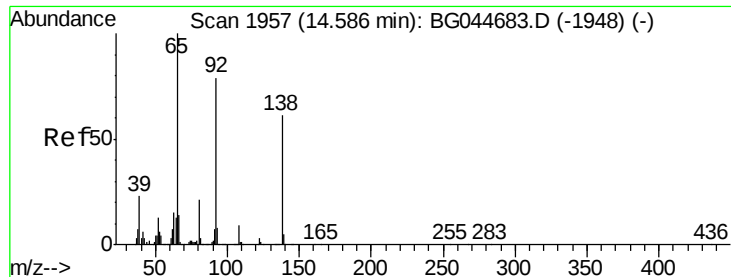


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): BG044686.D (-1896) (-)

Ion 152.00 (151.70 to 152.70): BG044686.D (-1896) (-)





#53

3-Nitroaniline

Concen: 78.492 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

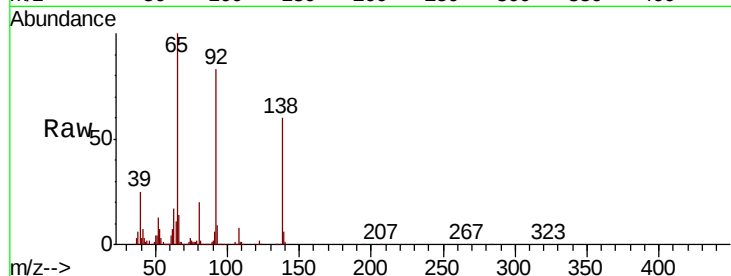
Tot Ion:138 Resp: 270023

Ion Ratio Lower Upper

138 100

108 13.2 12.2 18.4

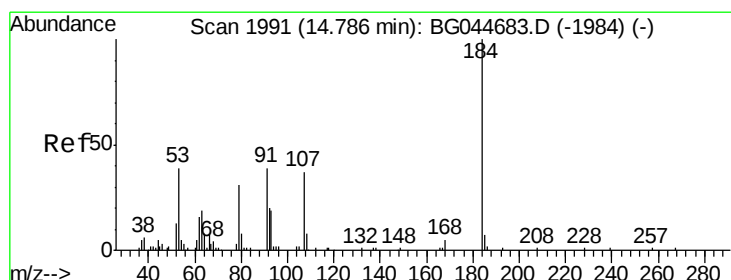
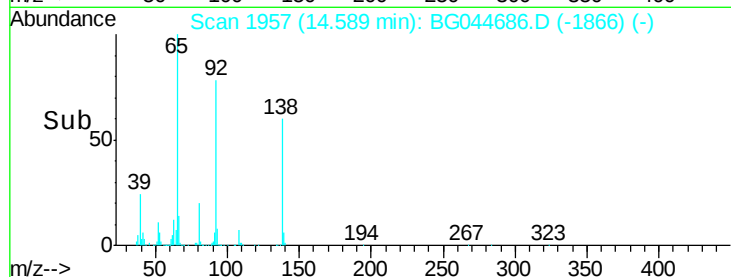
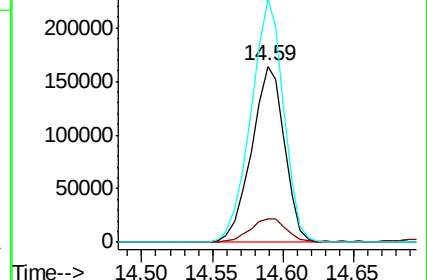
92 138.1 105.1 157.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 75.941 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

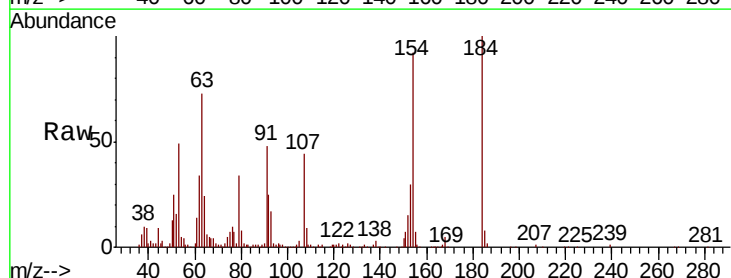
Tgt Ion:184 Resp: 116399

Ion Ratio Lower Upper

184 100

63 72.7 42.4 63.6#

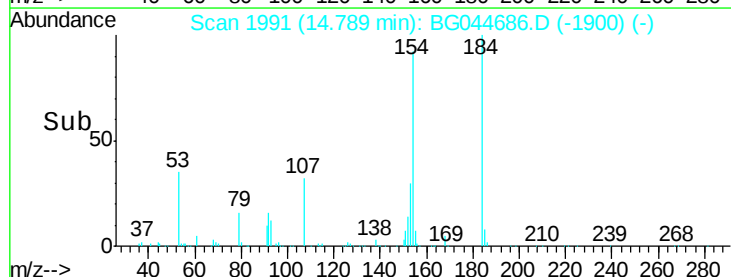
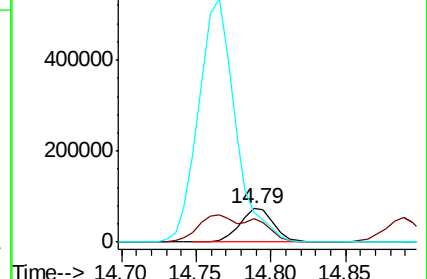
154 91.7 75.0 112.4

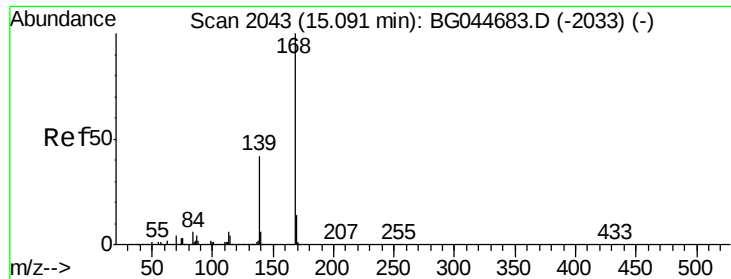


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

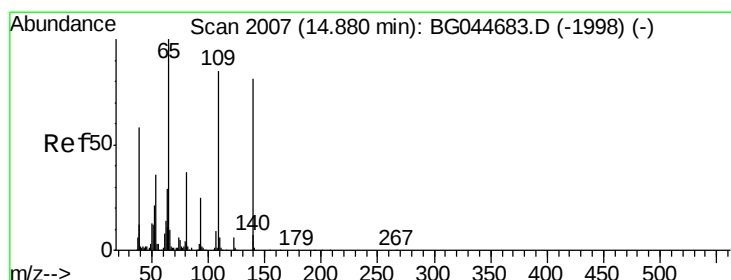
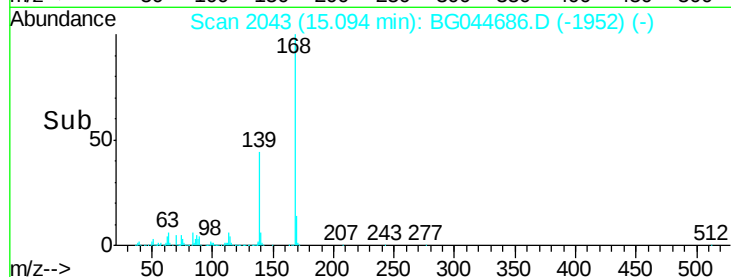
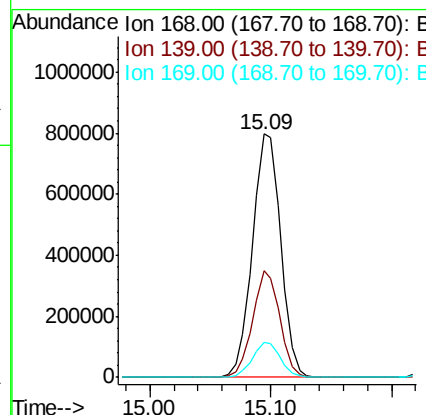
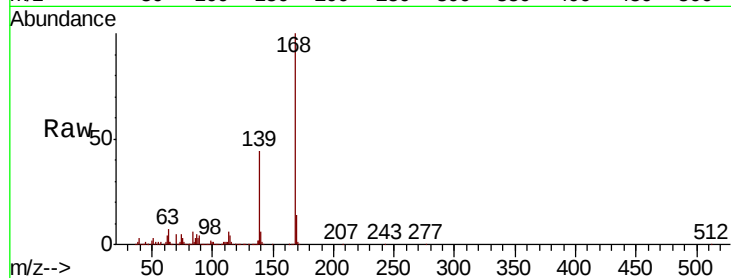




#55  
Dibenzofuran  
Concen: 77.539 ng  
RT: 15.09 min Scan# 2043  
Delta R.T. 0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

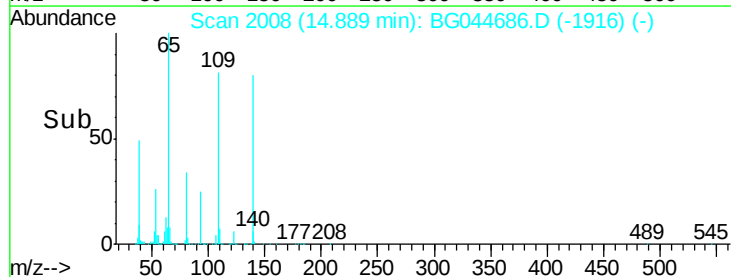
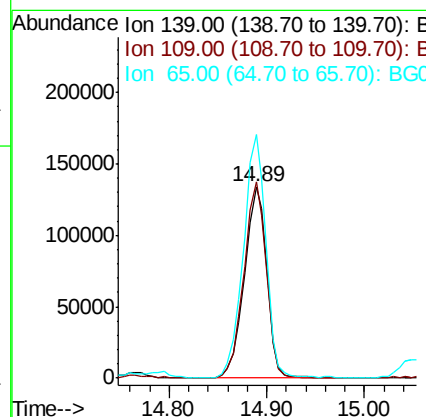
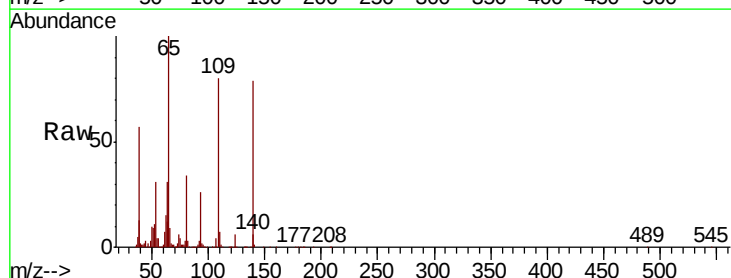
Instrument :  
BNA\_G  
ClientSampleId :

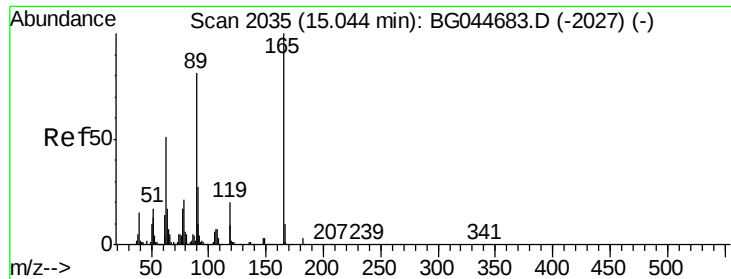
Tot Ion:168 Resp: 1300650  
Ion Ratio Lower Upper  
168 100  
139 43.8 33.8 50.6  
169 14.4 11.0 16.4



#56  
4-Nitrophenol  
Concen: 90.407 ng  
RT: 14.89 min Scan# 2008  
Delta R.T. 0.01 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

Tgt Ion:139 Resp: 213934  
Ion Ratio Lower Upper  
139 100  
109 102.0 86.0 126.0  
65 127.0 104.5 144.5

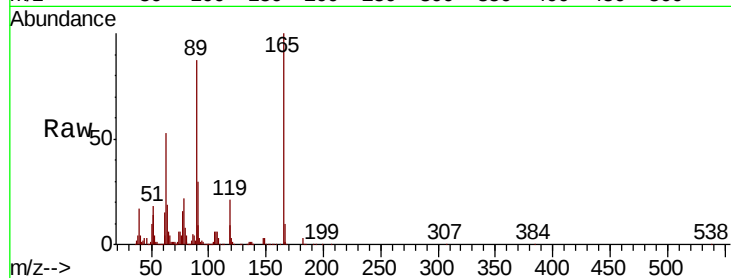




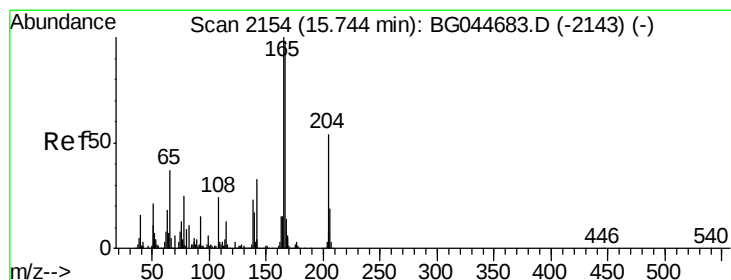
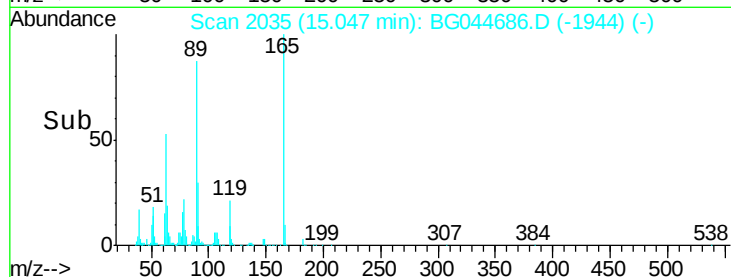
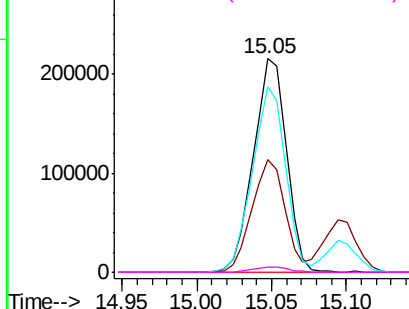
#57  
 2,4-Dinitrotoluene  
 Concen: 73.488 ng  
 RT: 15.05 min Scan# 2035  
 Delta R.T. 0.00 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:165 Resp: 329563  
 Ion Ratio Lower Upper  
 165 100  
 63 52.5 40.6 61.0  
 89 86.9 65.0 97.6  
 182 2.6 2.4 3.6

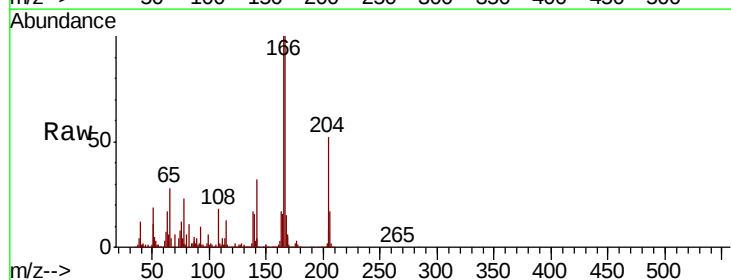


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG  
 Ion 182.00 (181.70 to 182.70): E

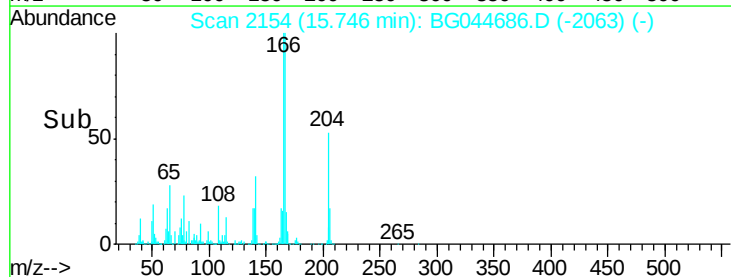
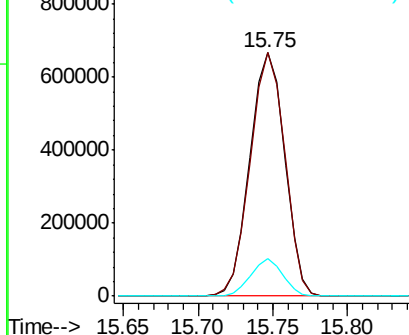


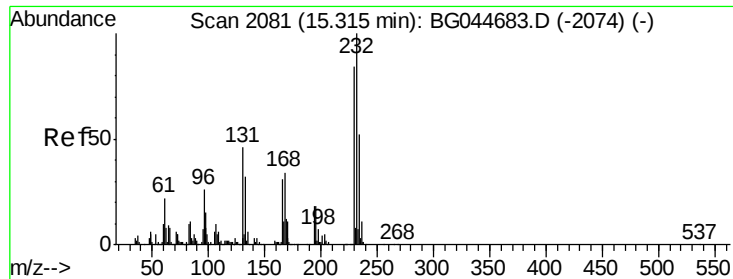
#58  
 Fluorene  
 Concen: 81.031 ng  
 RT: 15.75 min Scan# 2154  
 Delta R.T. 0.00 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

Tgt Ion:166 Resp: 1077714  
 Ion Ratio Lower Upper  
 166 100  
 165 99.8 81.3 121.9  
 167 15.3 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

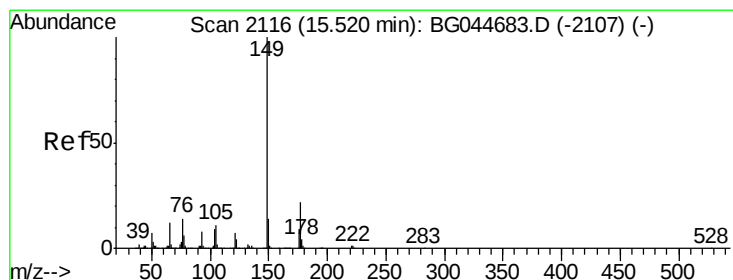
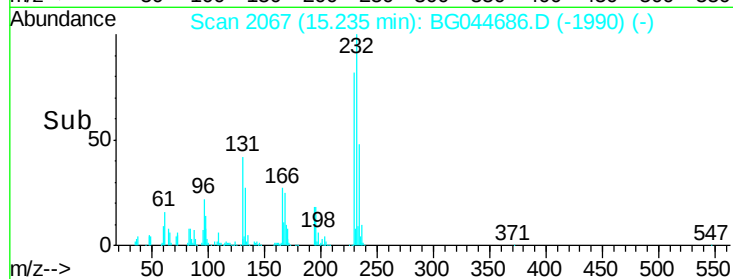
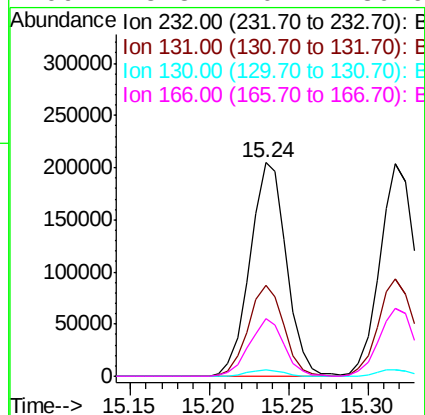
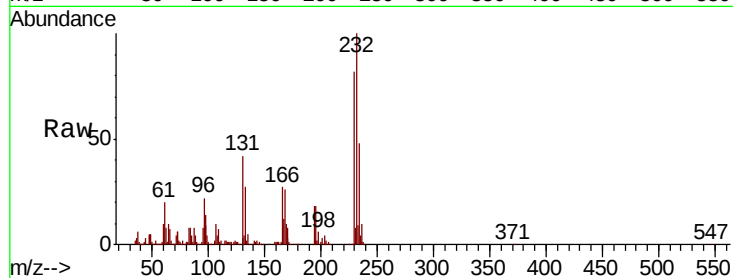




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 88.079 ng  
 RT: 15.24 min Scan# 2067  
 Delta R.T. -0.08 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

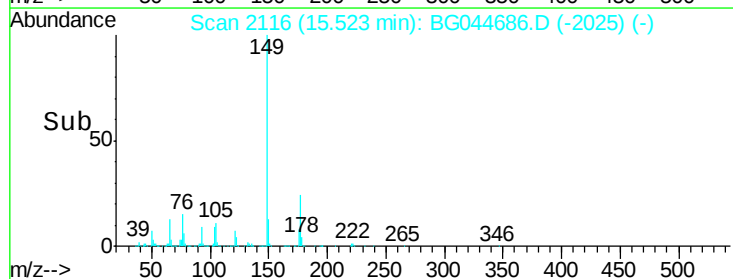
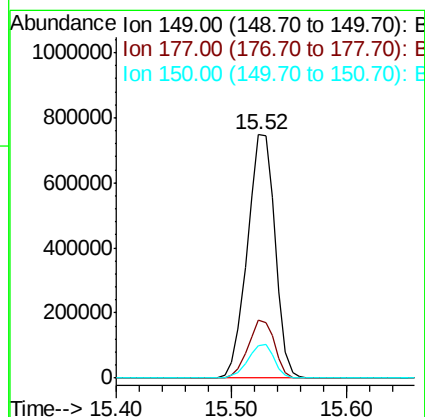
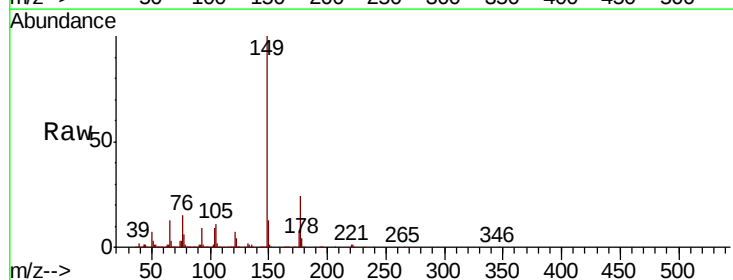
Instrument :  
 BNA\_G  
 ClientSampleId :

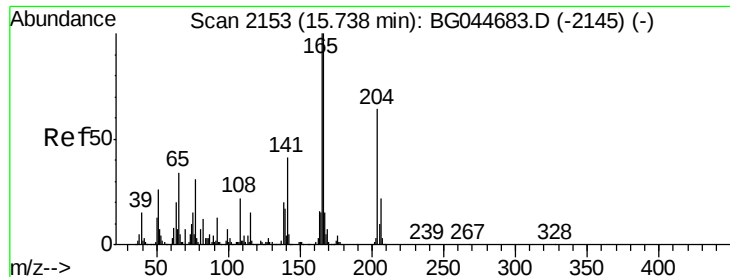
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 41.5  | 33.0  | 49.6  |
| 130     | 2.8   | 2.2   | 3.2   |
| 166     | 25.8  | 20.4  | 30.6  |



#60  
 Diethylphthalate  
 Concen: 86.757 ng  
 RT: 15.52 min Scan# 2116  
 Delta R.T. 0.00 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.7  | 17.5  | 26.3  |
| 150     | 13.5  | 10.8  | 16.2  |

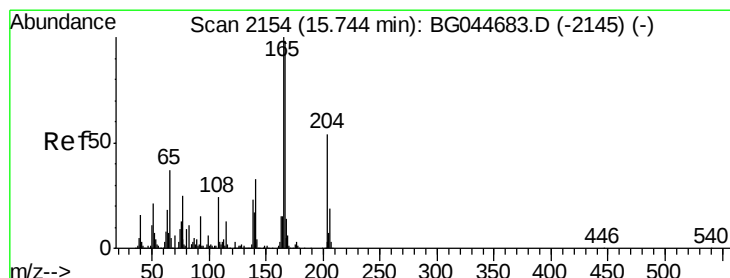
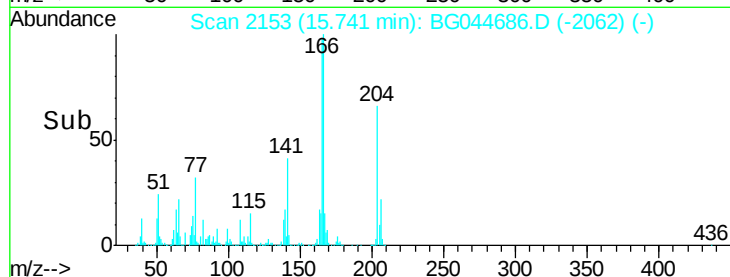
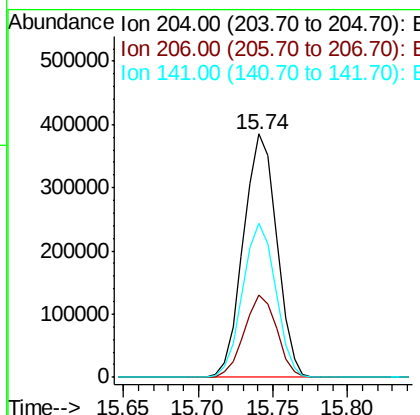
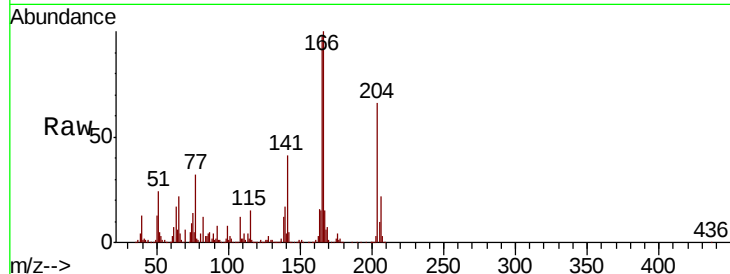




#61  
 4-Chlorophenyl-phenylether  
 Concen: 82.263 ng  
 RT: 15.74 min Scan# 2153  
 Delta R.T. 0.00 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

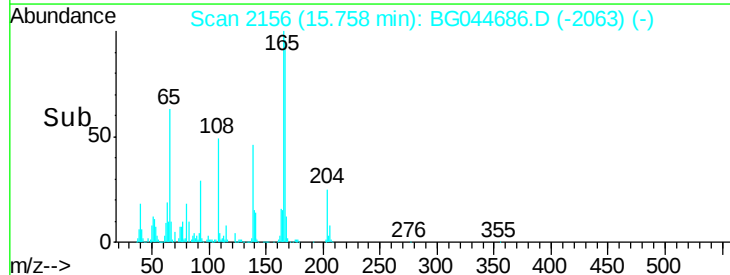
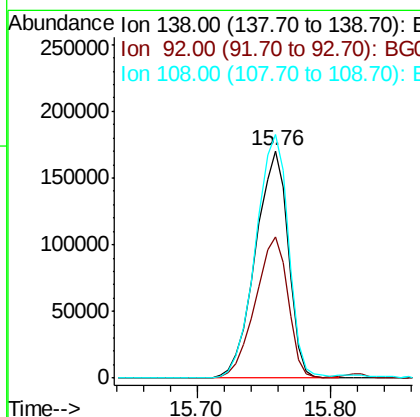
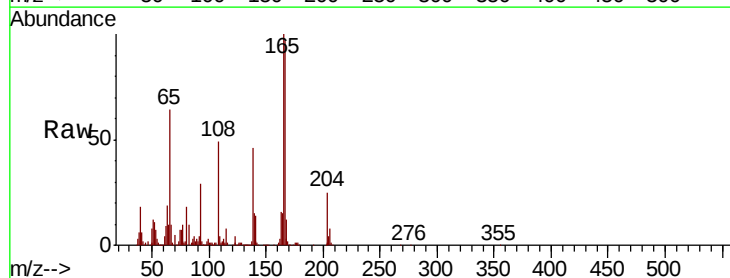
Instrument :  
 BNA\_G  
 ClientSampleId :

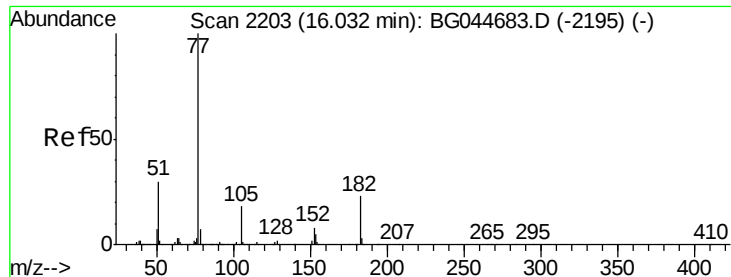
Tot Ion:204 Resp: 594886  
 Ion Ratio Lower Upper  
 204 100  
 206 33.7 27.7 41.5  
 141 63.3 51.0 76.4



#62  
 4-Nitroaniline  
 Concen: 83.855 ng  
 RT: 15.76 min Scan# 2156  
 Delta R.T. 0.01 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

Tgt Ion:138 Resp: 288851  
 Ion Ratio Lower Upper  
 138 100  
 92 62.3 43.1 83.1  
 108 107.2 85.2 125.2





#63

Azobenzene

Concen: 105.105 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 1281865

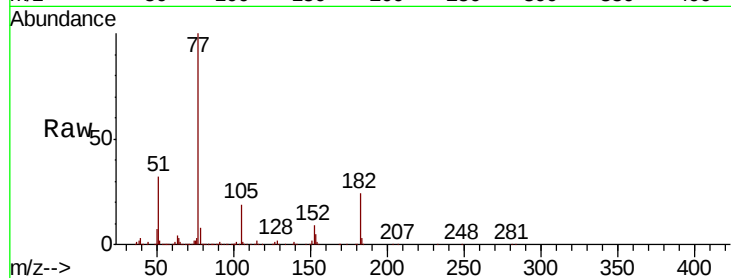
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 23.6  | 2.7   | 42.7  |
| 105 | 19.0  | 0.0   | 38.1  |
| 51  | 31.7  | 10.3  | 50.3  |

77 100

182 23.6 2.7 42.7

105 19.0 0.0 38.1

51 31.7 10.3 50.3

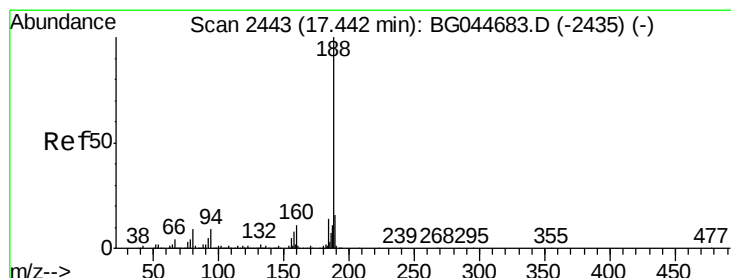
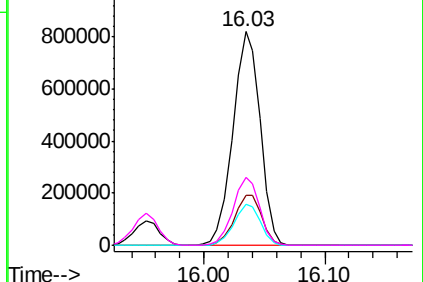
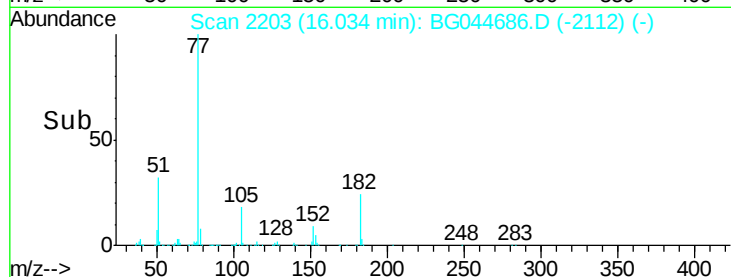


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

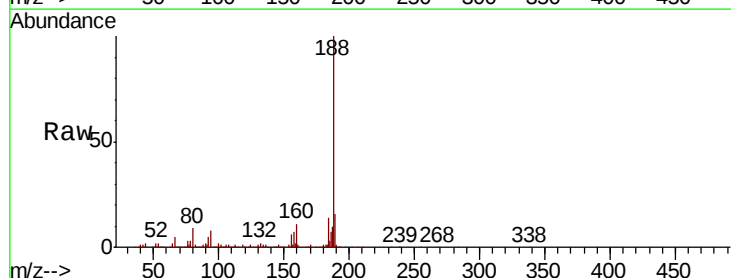
Tgt Ion: 188 Resp: 413981

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 7.6   | 7.4   | 11.0  |
| 80  | 8.9   | 7.3   | 10.9  |

188 100

94 7.6 7.4 11.0

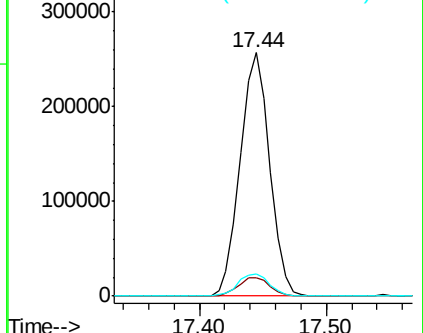
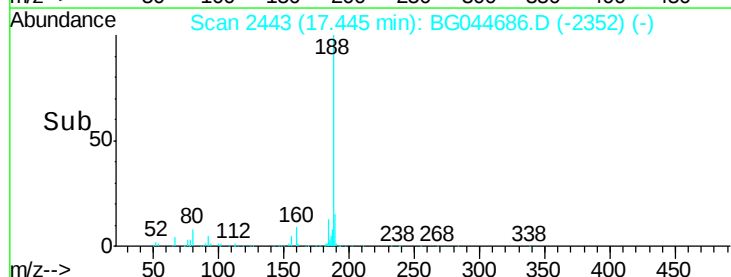
80 8.9 7.3 10.9

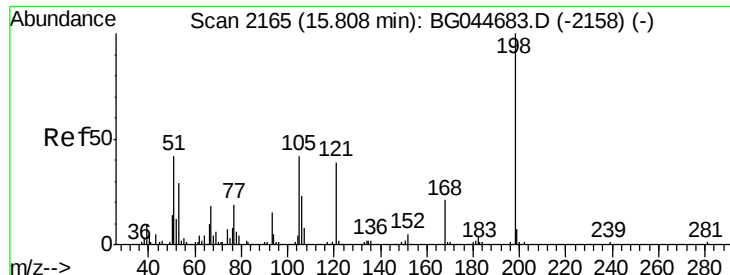


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

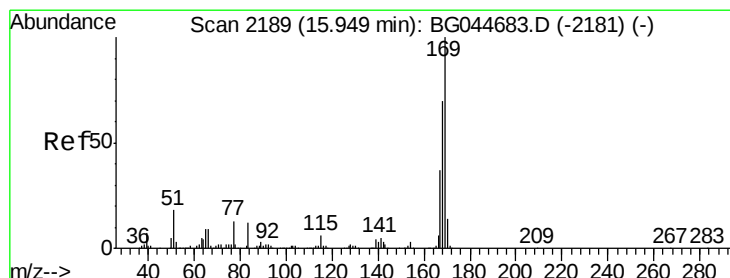
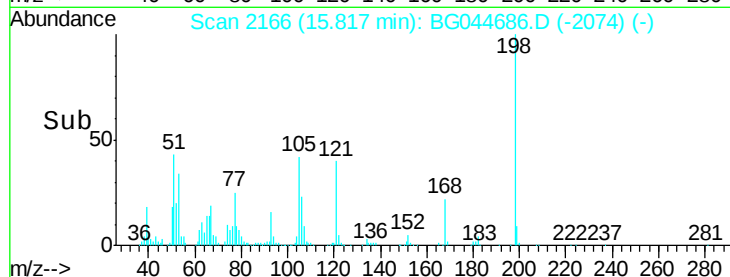
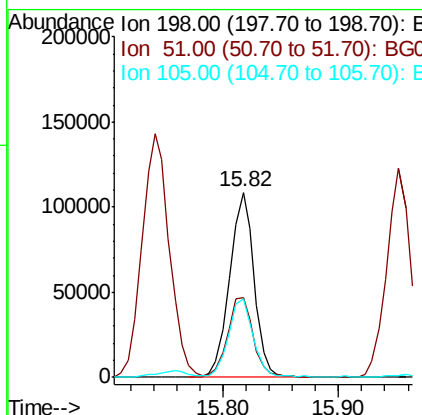
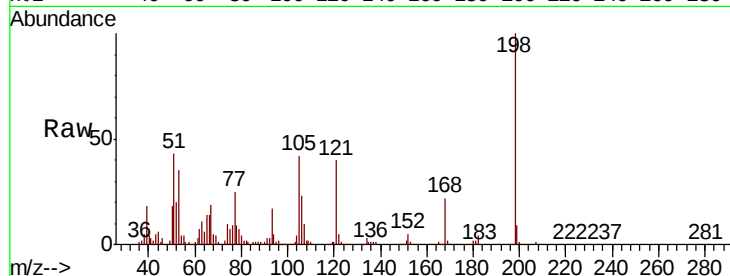




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 62.176 ng  
 RT: 15.82 min Scan# 2166  
 Delta R.T. 0.01 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

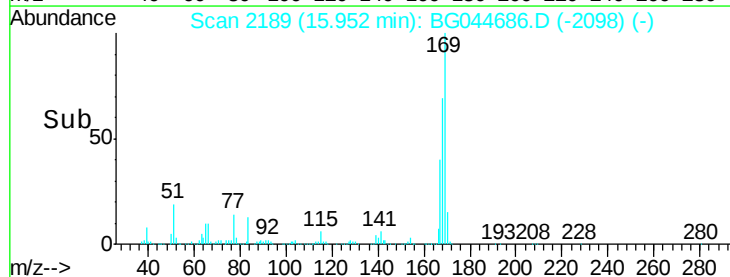
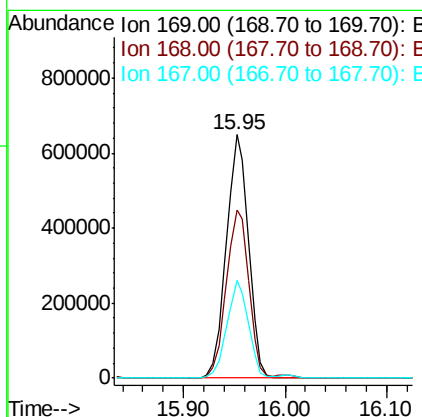
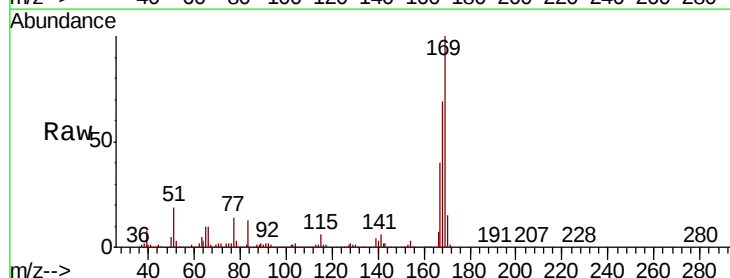
Instrument :  
 BNA\_G  
 ClientSampleId :

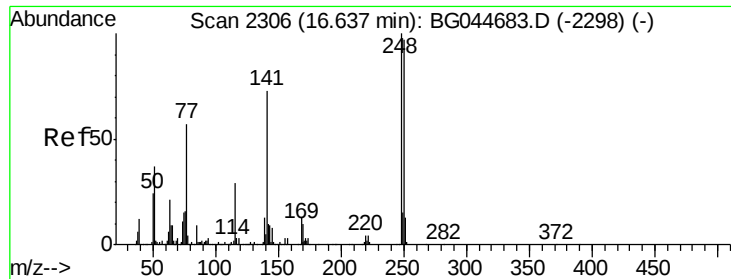
| Tot Ion   | 198  | Resp  | 159379 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 51        | 43.0 | 27.1  | 67.1   |
| 105       | 42.4 | 23.6  | 63.6   |



#66  
 n-Nitrosodiphenylamine  
 Concen: 76.057 ng  
 RT: 15.95 min Scan# 2189  
 Delta R.T. 0.00 min  
 Lab File: BG044686.D  
 Acq: 5 Mar 2020 16:03

| Tgt Ion   | 169  | Resp  | 982143 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 168       | 69.0 | 56.2  | 84.2   |
| 167       | 39.9 | 29.4  | 44.2   |

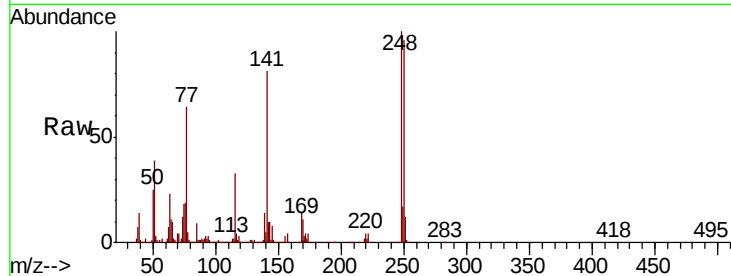




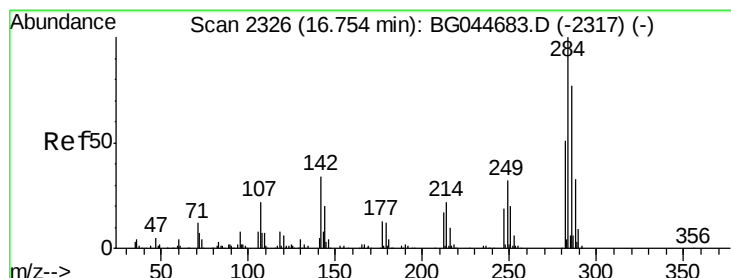
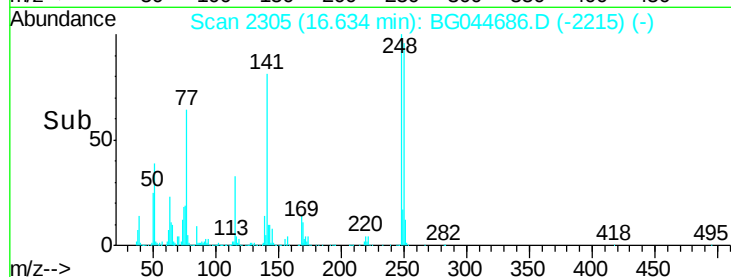
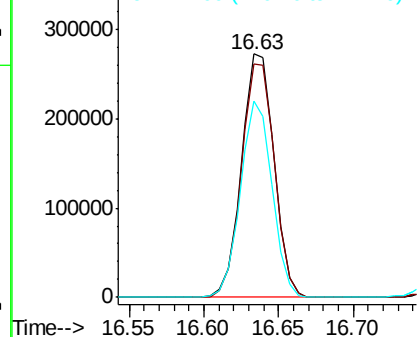
#67  
4-Bromophenyl-phenylether  
Concen: 79.941 ng  
RT: 16.63 min Scan# 2305  
Delta R.T. -0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:248 Resp: 410790  
Ion Ratio Lower Upper  
248 100  
250 95.6 77.4 116.2  
141 80.6 58.1 87.1

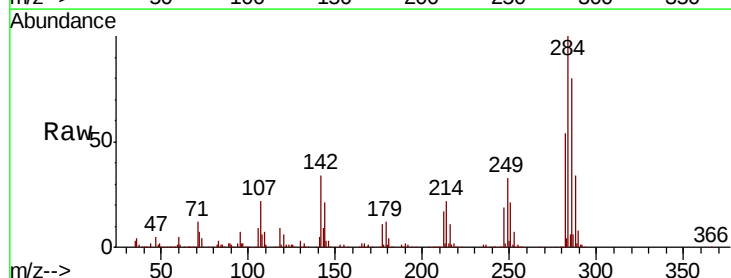


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

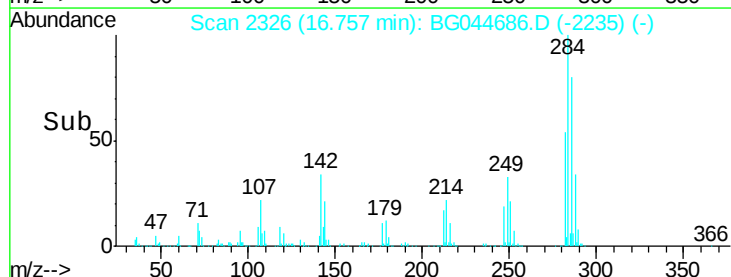
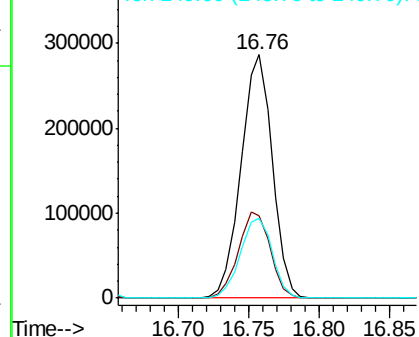


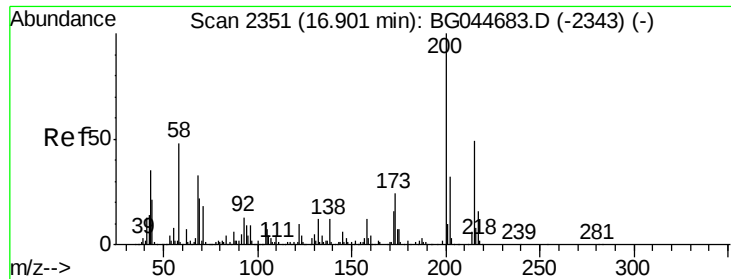
#68  
Hexachlorobenzene  
Concen: 76.459 ng  
RT: 16.76 min Scan# 2326  
Delta R.T. 0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

Tgt Ion:284 Resp: 444213  
Ion Ratio Lower Upper  
284 100  
142 33.8 27.2 40.8  
249 32.6 25.7 38.5



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: 74.616 ng

RT: 16.90 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

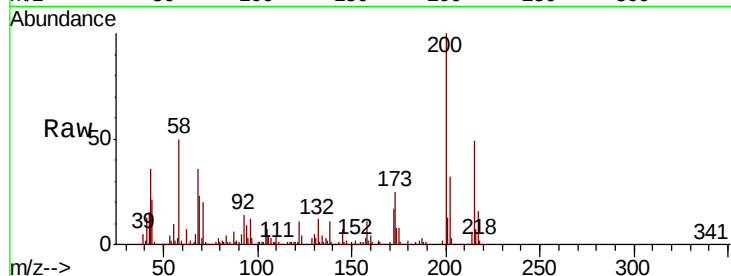
Tot Ion:200 Resp: 356207

Ion Ratio Lower Upper

200 100

173 25.4 4.0 44.0

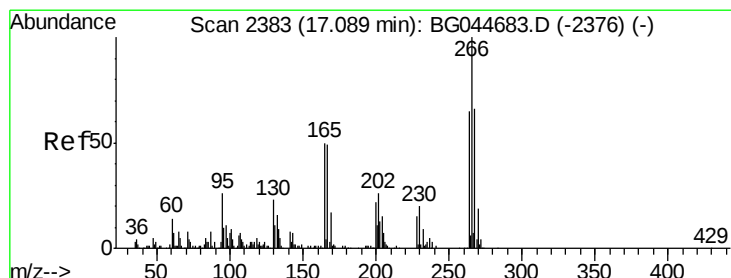
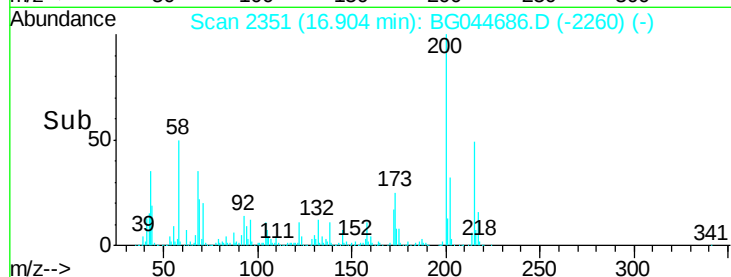
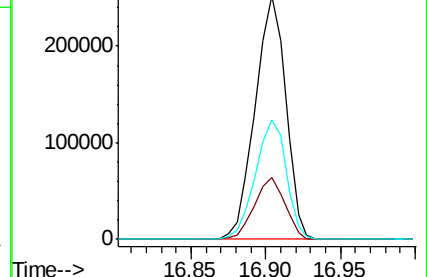
215 49.0 29.1 69.1



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: 109.471 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

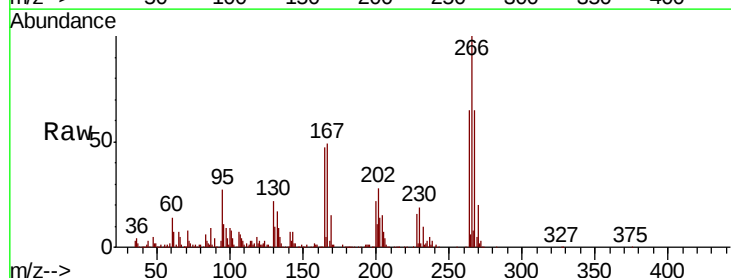
Tgt Ion:266 Resp: 263497

Ion Ratio Lower Upper

266 100

268 65.2 52.7 79.1

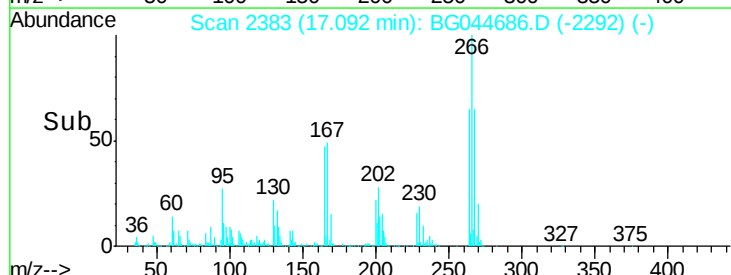
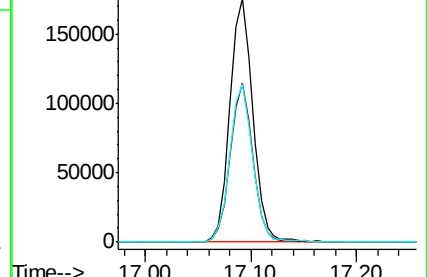
264 65.0 52.3 78.5

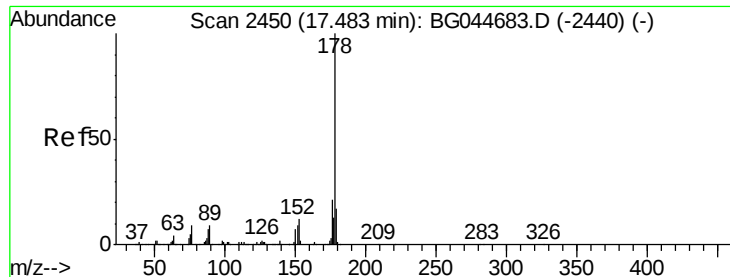


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

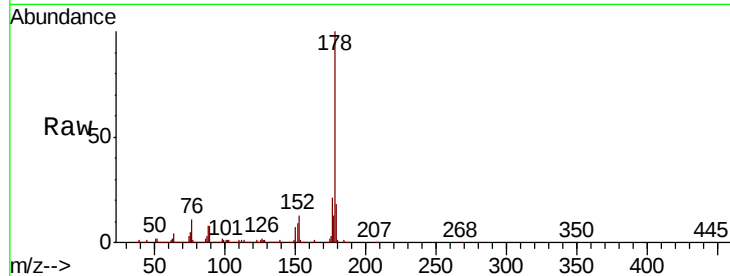




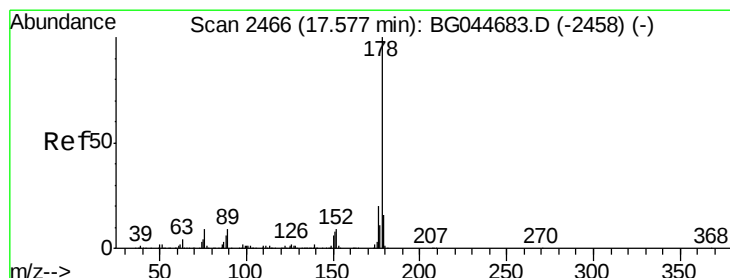
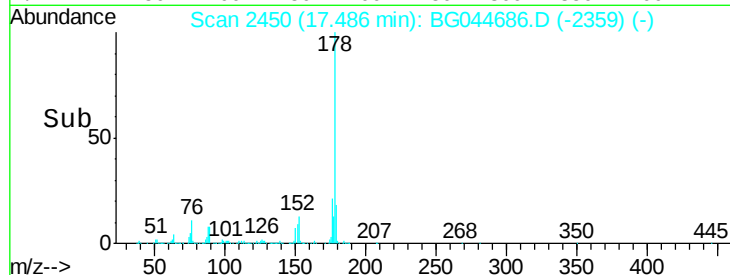
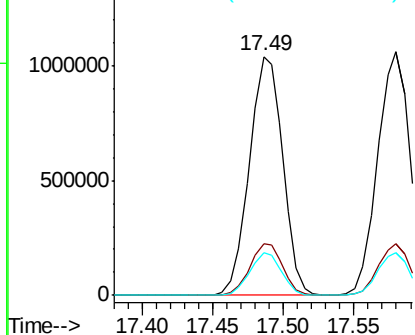
#71  
Phenanthrene  
Concen: 75.463 ng  
RT: 17.49 min Scan# 2450  
Delta R.T. 0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:178 Resp: 1729581  
Ion Ratio Lower Upper  
178 100  
176 21.4 16.5 24.7  
179 17.8 13.8 20.8

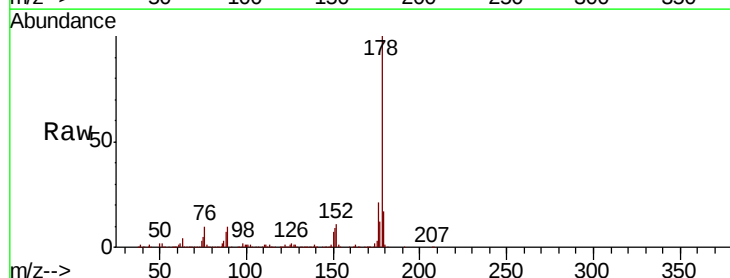


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

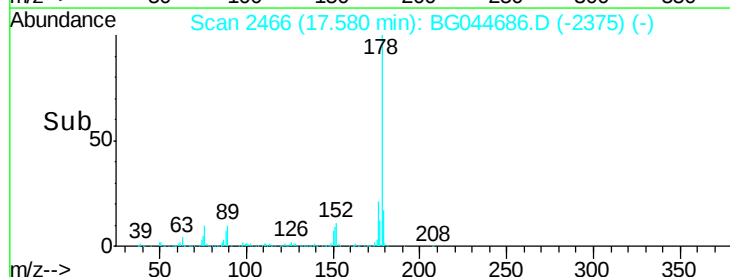
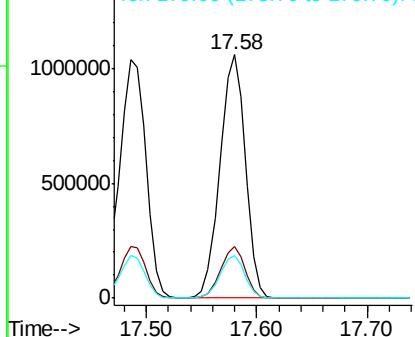


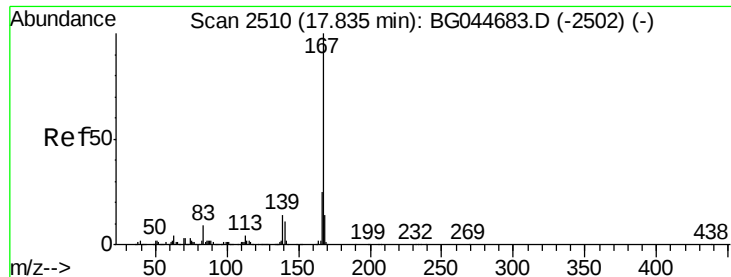
#72  
Anthracene  
Concen: 75.149 ng  
RT: 17.58 min Scan# 2466  
Delta R.T. 0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

Tgt Ion:178 Resp: 1697354  
Ion Ratio Lower Upper  
178 100  
176 21.3 15.7 23.5  
179 17.5 12.6 19.0



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





#73

Carbazole

Concen: 78.291 ng

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

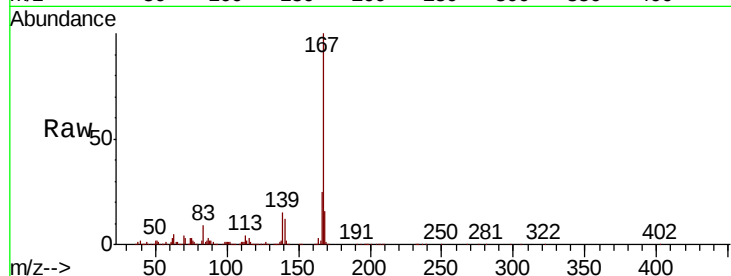
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:167 Resp: 1609590

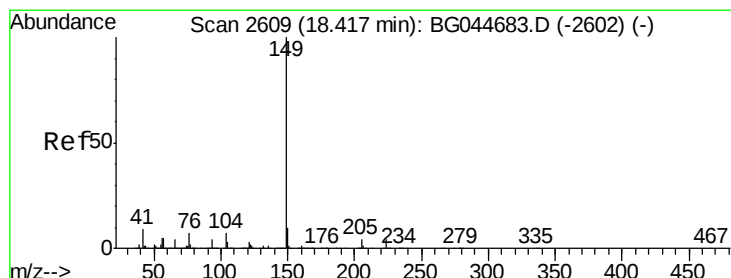
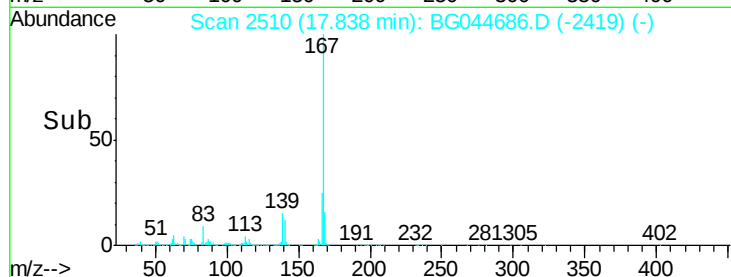
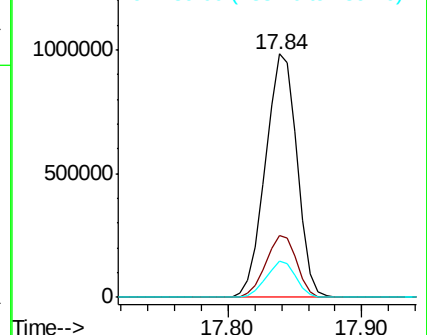
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 25.4  | 20.0  | 30.0  |
| 139 | 14.6  | 11.3  | 16.9  |



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: 77.020 ng

RT: 18.42 min Scan# 2609

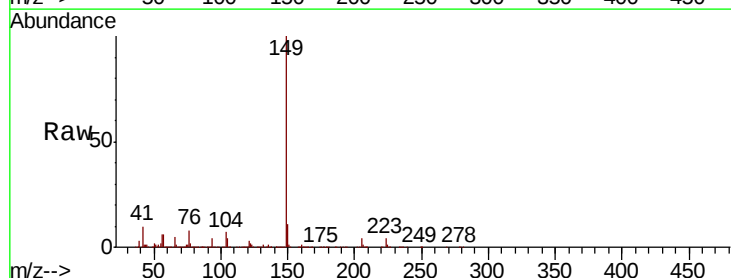
Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Tgt Ion:149 Resp: 1984254

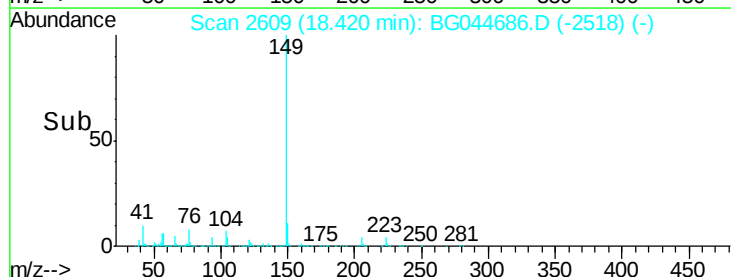
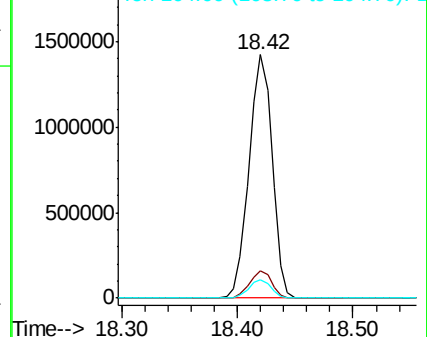
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 11.3  | 8.0   | 12.0  |
| 104 | 7.5   | 5.5   | 8.3   |

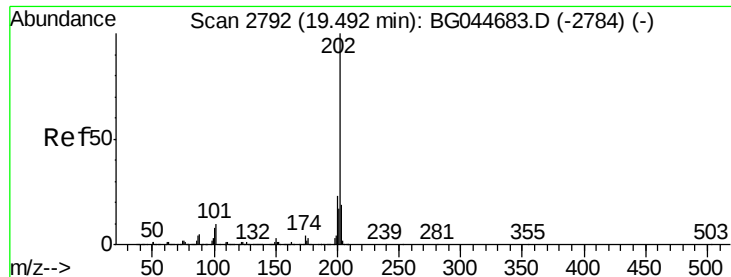


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 74.884 ng

RT: 19.50 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

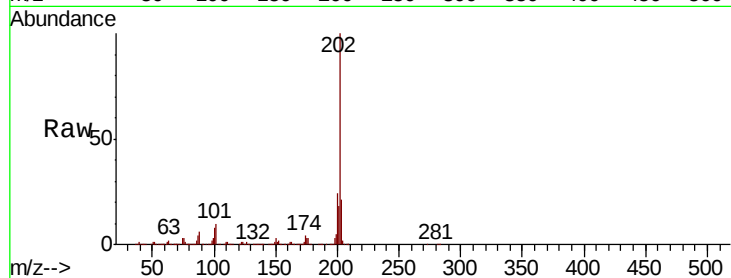
Tot Ion:202 Resp: 2031746

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.3

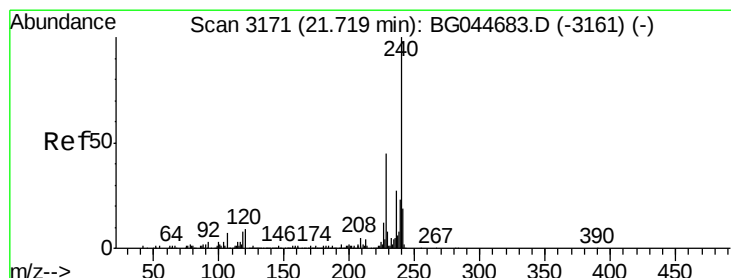
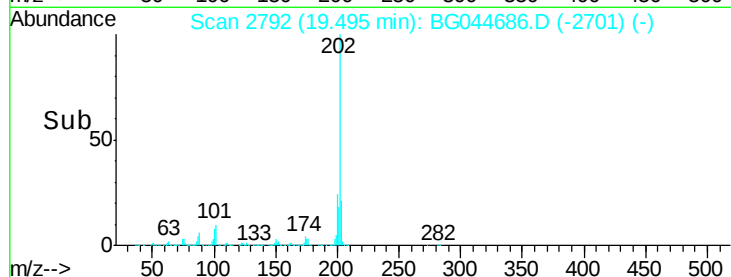
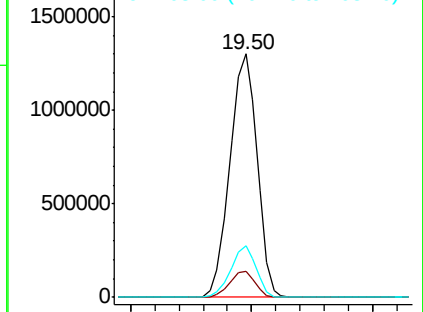
203 21.4 0.0 39.1



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: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

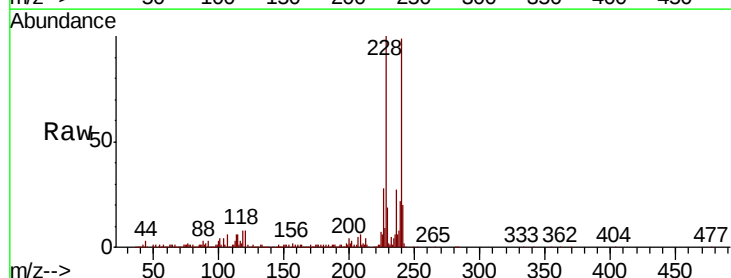
Tgt Ion:240 Resp: 345117

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

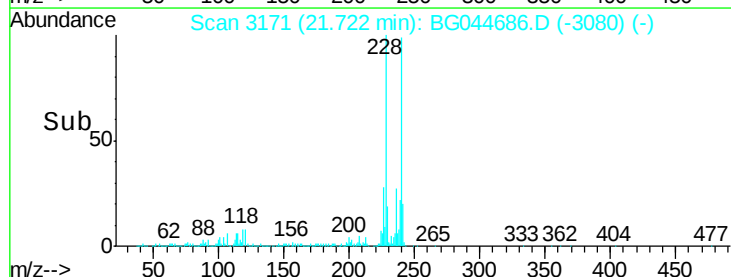
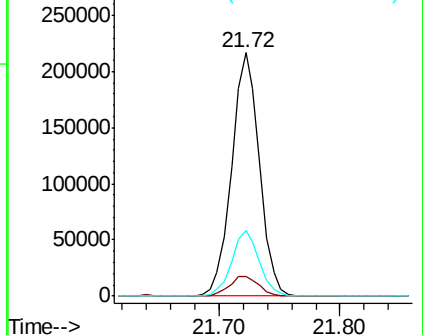
236 27.2 21.5 32.3

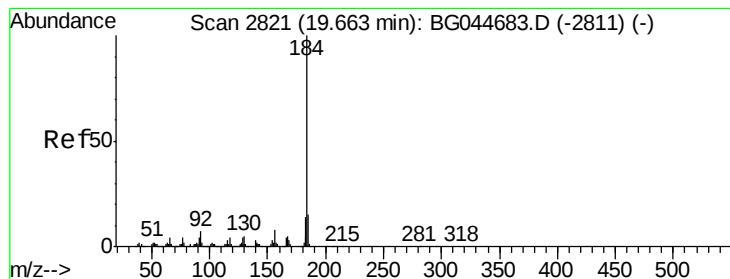


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 81.644 ng

RT: 19.67 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

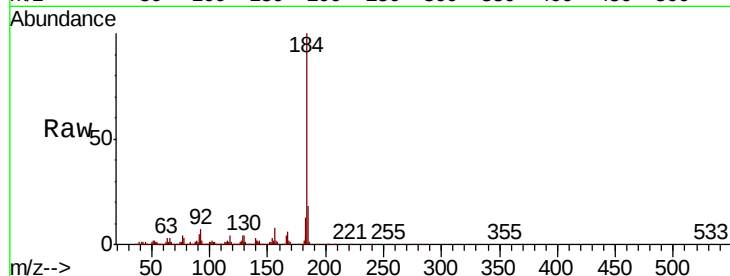
Tot Ion:184 Resp: 965202

Ion Ratio Lower Upper

184 100

185 17.8 12.0 18.0

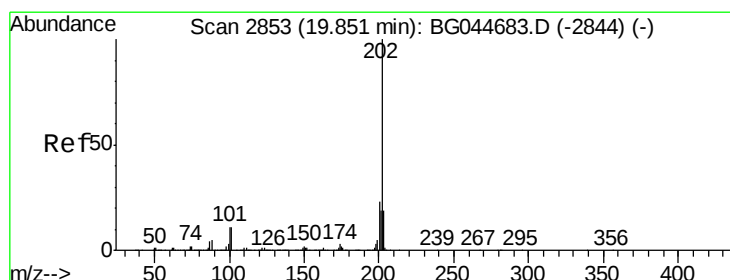
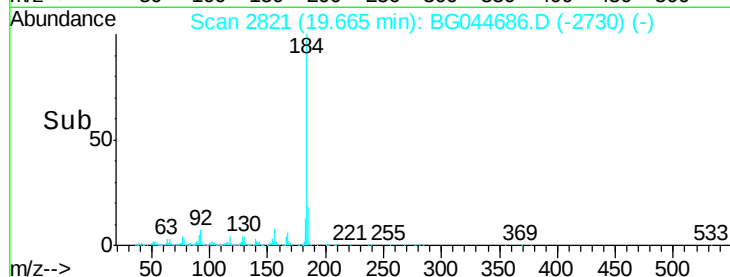
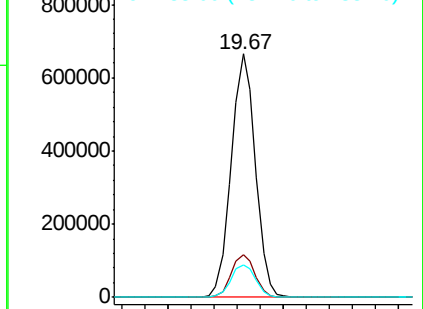
183 13.5 11.4 17.2



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: 81.402 ng

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

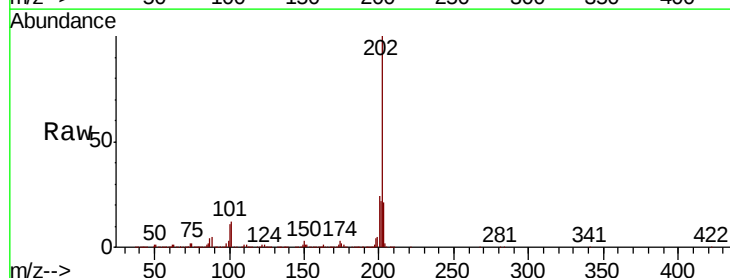
Tgt Ion:202 Resp: 2039306

Ion Ratio Lower Upper

202 100

200 24.4 18.2 27.2

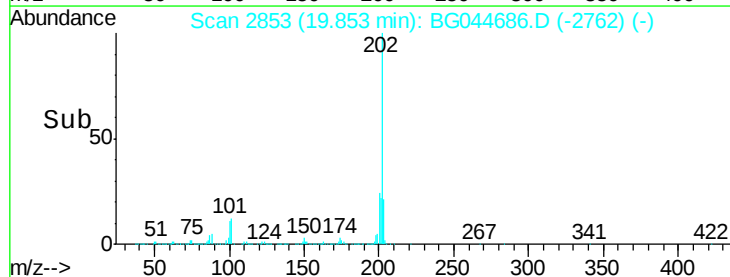
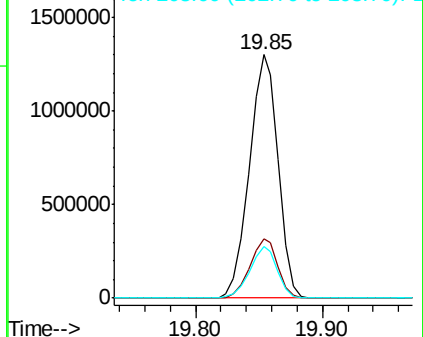
203 21.0 15.2 22.8

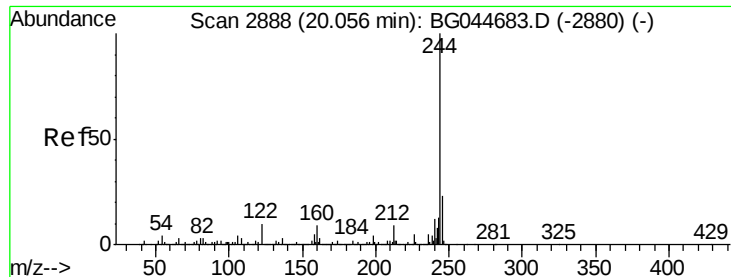


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 155.406 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

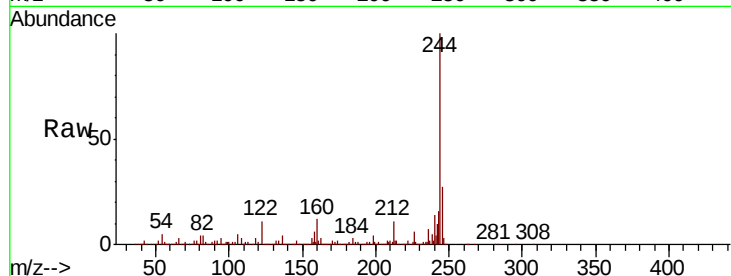
Instrument :

BNA\_G

ClientSampled :

Tot Ion:244 Resp: 2833150

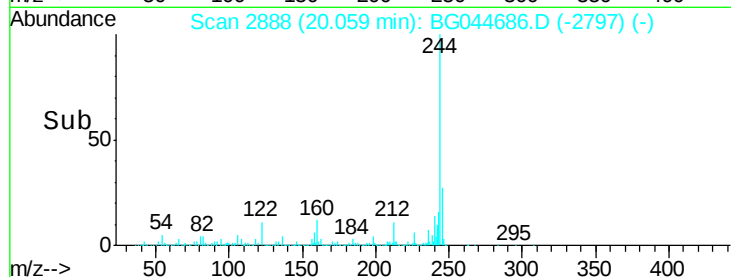
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 11.2  | 7.5   | 11.3  |
| 122 | 11.4  | 7.7   | 11.5  |



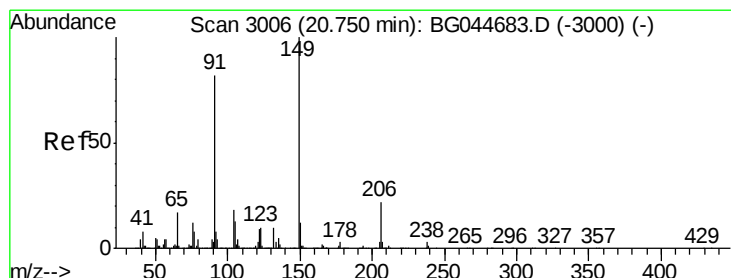
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 86.791 ng

RT: 20.75 min Scan# 3006

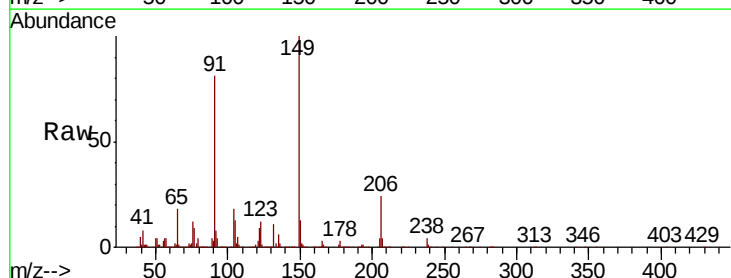
Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Tgt Ion:149 Resp: 951086

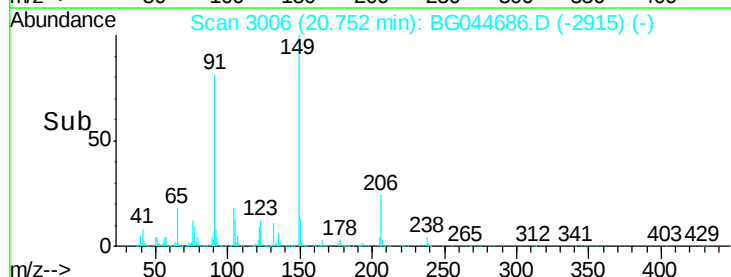
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 80.9  | 65.7  | 98.5  |
| 206 | 24.1  | 17.3  | 25.9  |



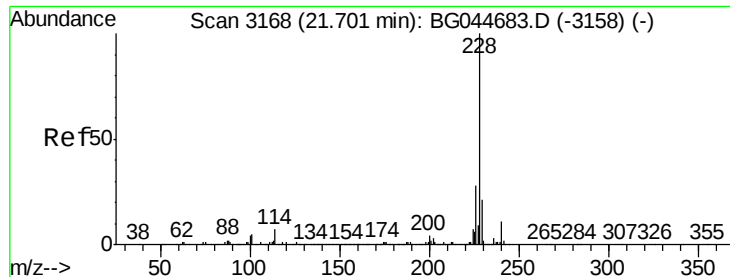
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E



Time-->



#81

Benzo(a)anthracene

Concen: 82.462 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampled :

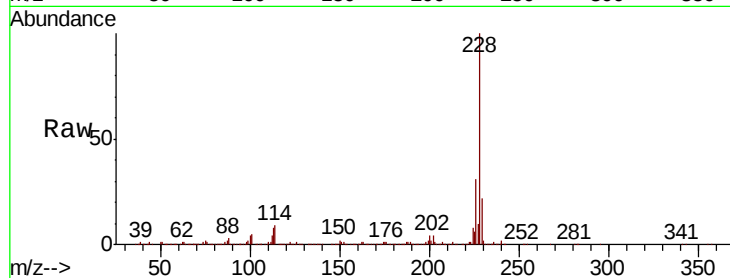
Tot Ion:228 Resp: 2000186

Ion Ratio Lower Upper

228 100

226 30.6 22.8 34.2

229 22.3 17.0 25.6

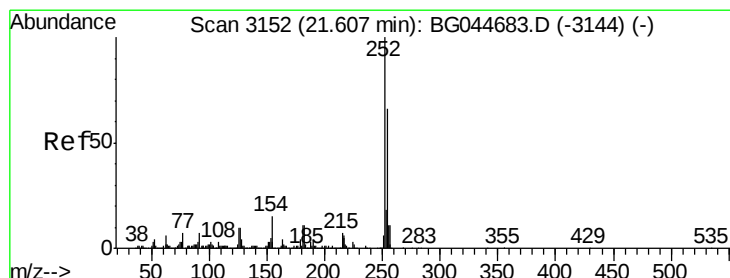
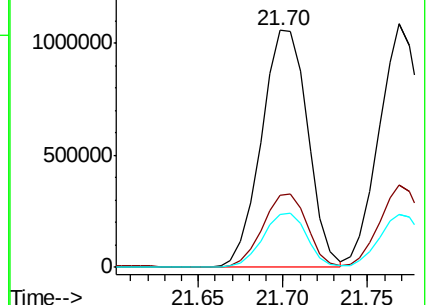
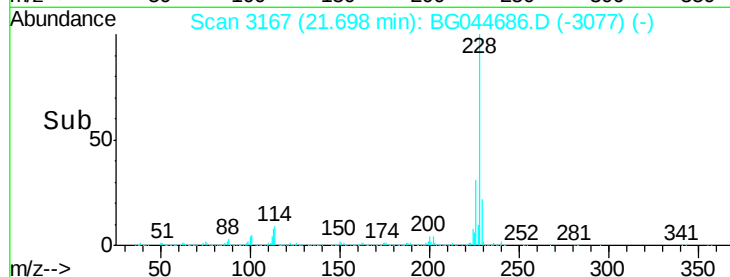


Abundance

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: 84.002 ng

RT: 21.62 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

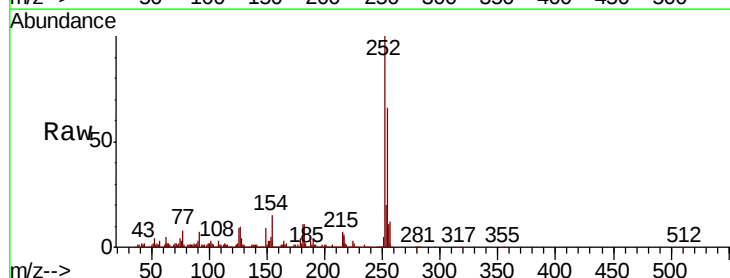
Tgt Ion:252 Resp: 804956

Ion Ratio Lower Upper

252 100

254 66.0 52.6 79.0

126 9.1 7.8 11.6

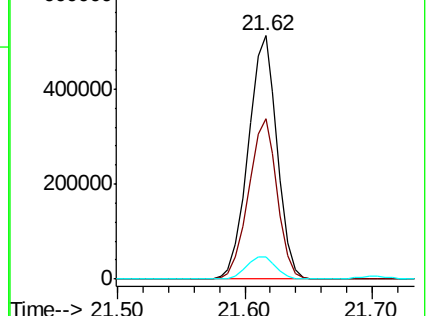
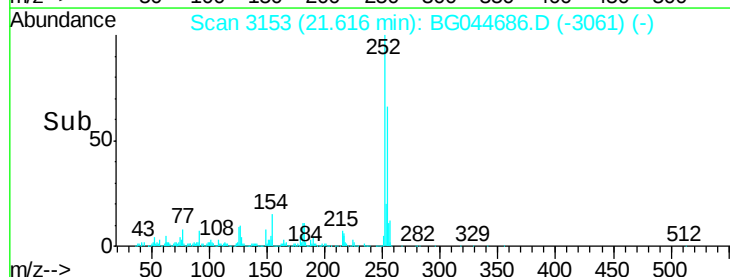


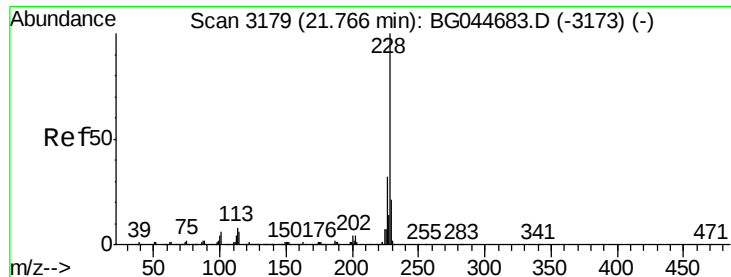
Abundance

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

Chrvsene

Concen: 81.007 ng

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

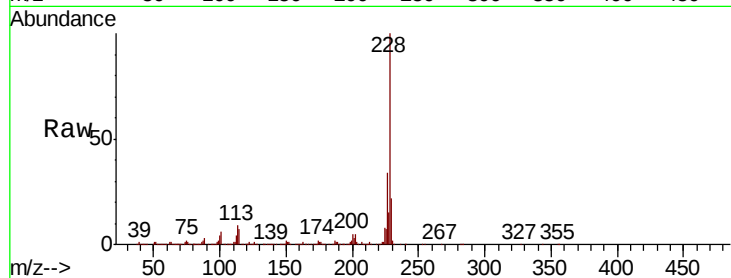
Tot Ion:228 Resp: 1899782

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 33.6  | 25.8  | 38.6  |
| 229 | 21.9  | 16.6  | 25.0  |

228 100

226 33.6 25.8 38.6

229 21.9 16.6 25.0

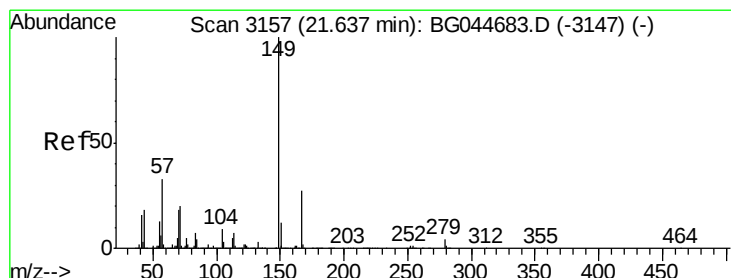
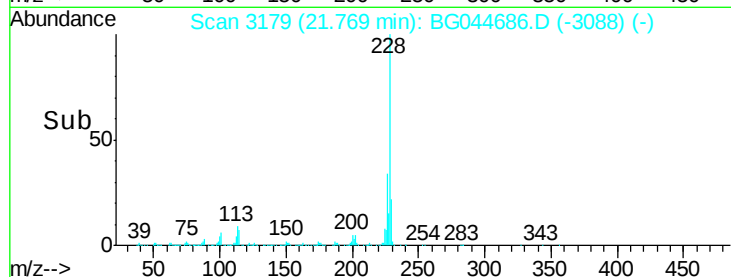
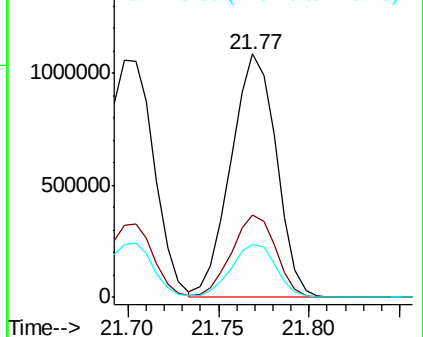


Abundance

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: 84.759 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

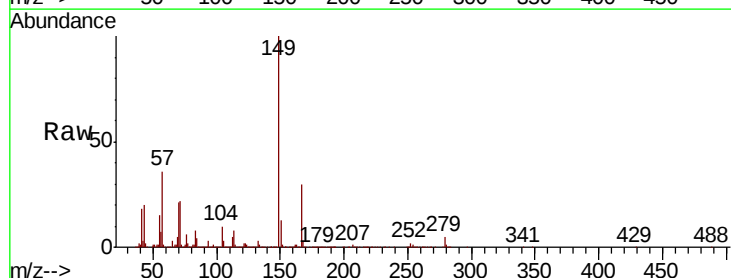
Tgt Ion:149 Resp: 1279807

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.0  | 21.3  | 31.9  |
| 279 | 5.0   | 3.6   | 5.4   |

149 100

167 30.0 21.3 31.9

279 5.0 3.6 5.4

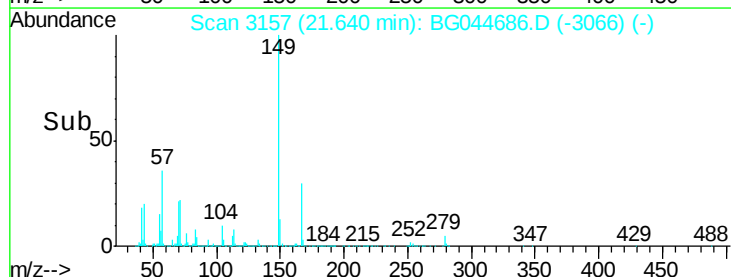
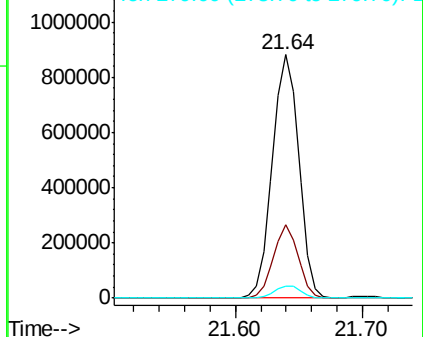


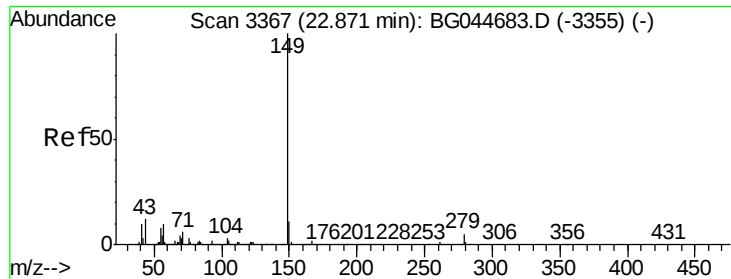
Abundance

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: 82.903 ng

RT: 22.87 min Scan# 3367

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

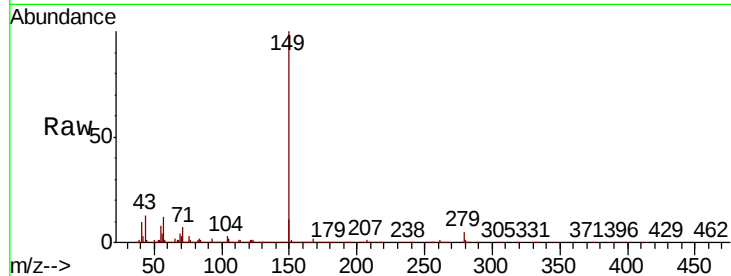
Tot Ion:149 Resp: 2202394

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

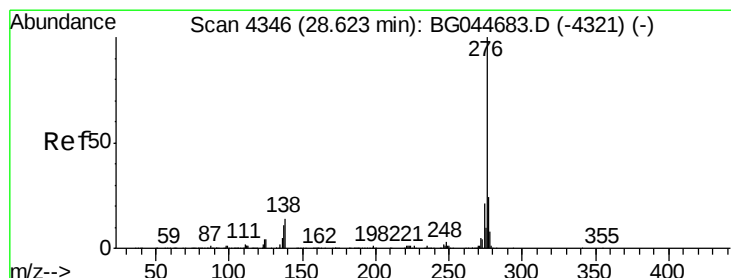
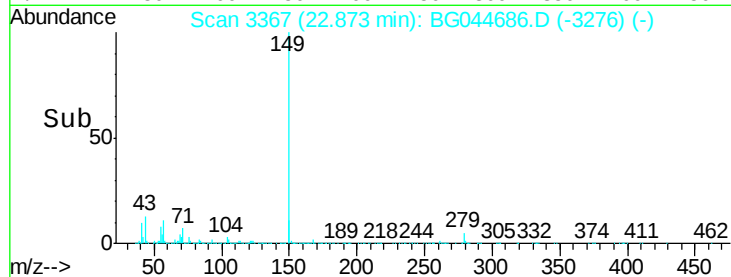
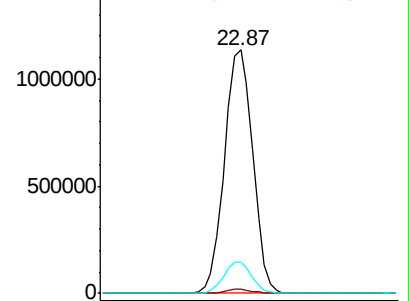
43 12.6 9.5 14.3



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: 86.647 ng

RT: 28.64 min Scan# 4348

Delta R.T. 0.01 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

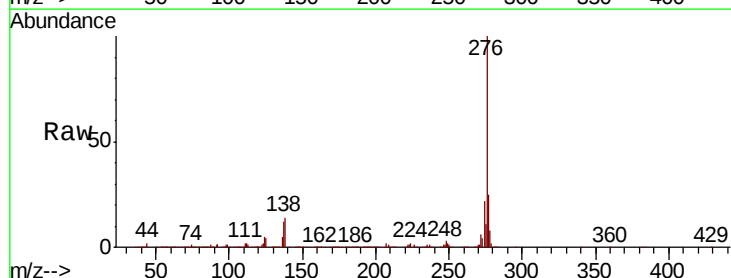
Tgt Ion:276 Resp: 2607850

Ion Ratio Lower Upper

276 100

138 12.2 9.5 14.3

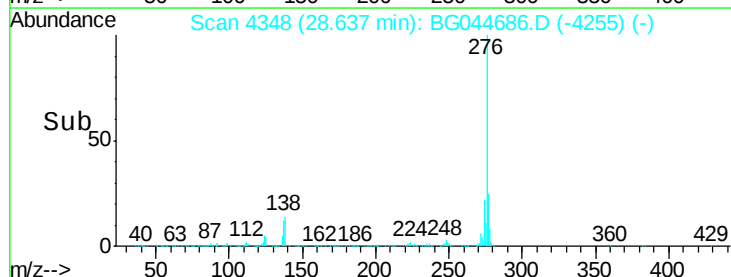
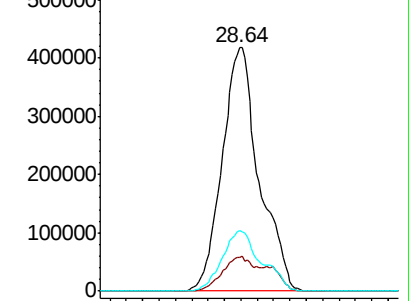
277 26.4 20.6 30.8

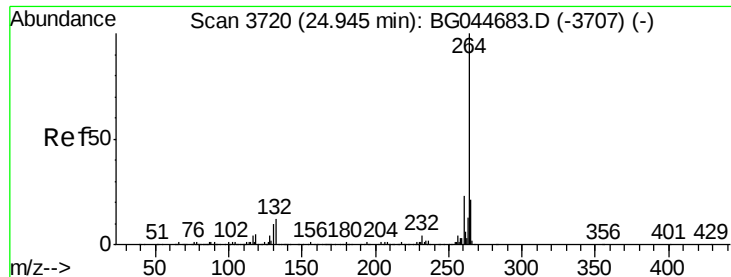


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



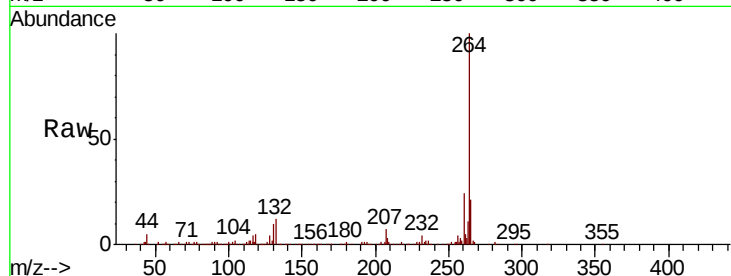


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.94 min Scan# 3719  
Delta R.T. -0.00 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

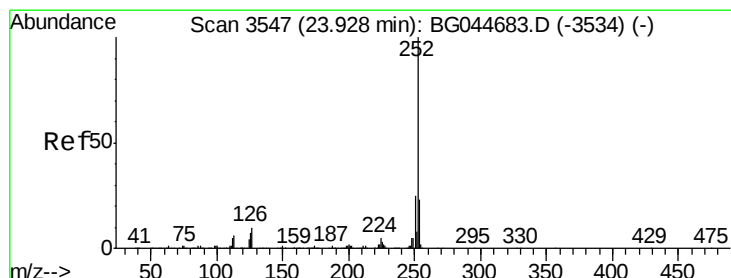
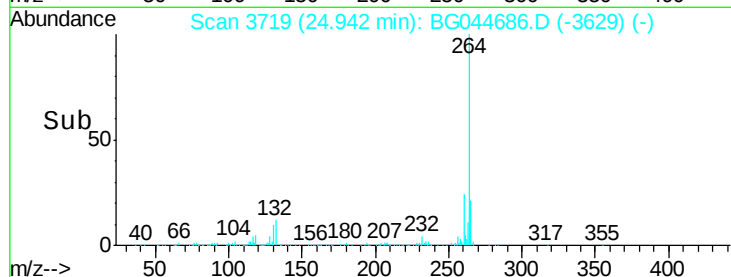
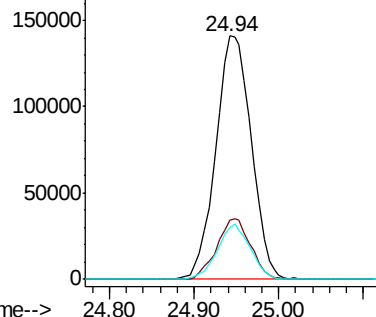
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:264 Resp: 411888  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.3  | 18.4  | 27.6  |
| 265 | 21.3  | 16.9  | 25.3  |



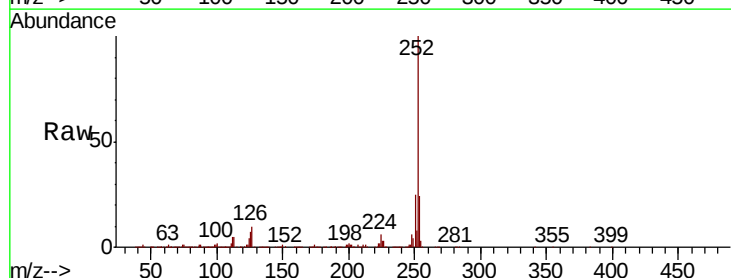
Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



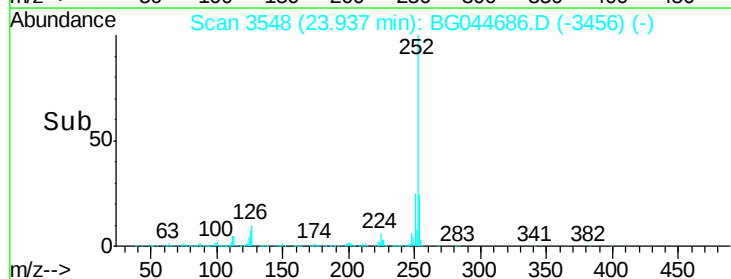
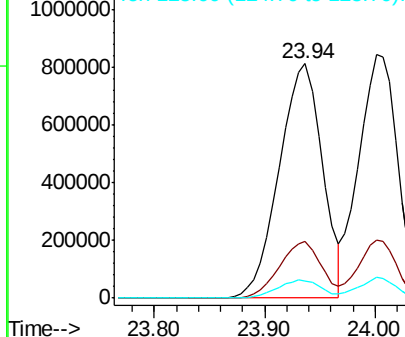
#88  
Benzo(b)fluoranthene  
Concen: 80.959 ng  
RT: 23.94 min Scan# 3548  
Delta R.T. 0.01 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

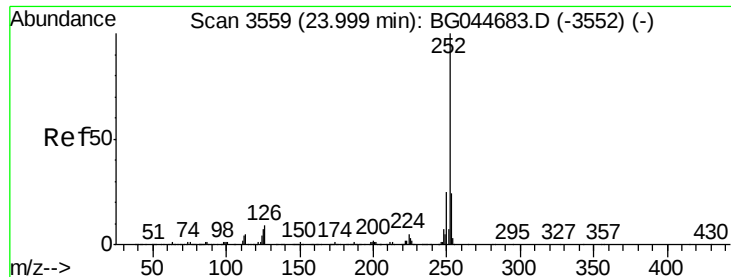
Tgt Ion:252 Resp: 2192432  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.0  | 18.1  | 27.1  |
| 125 | 7.5   | 5.6   | 8.4   |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 78.880 ng

RT: 24.00 min Scan# 3559

Delta R.T. 0.00 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

Instrument :

BNA\_G

ClientSampleId :

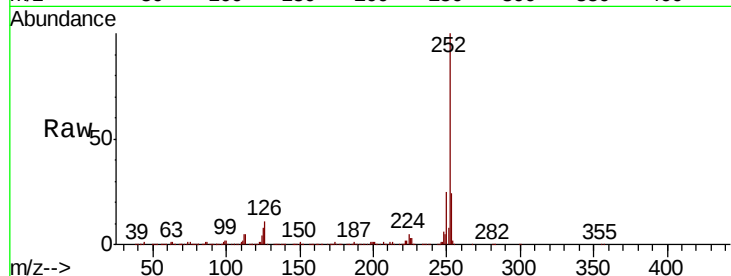
Tot Ion:252 Resp: 2072657

Ion Ratio Lower Upper

252 100

253 23.6 18.5 27.7

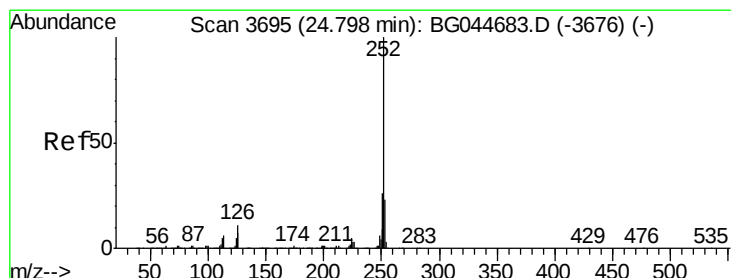
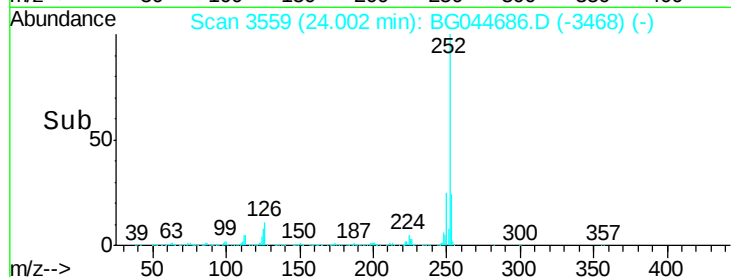
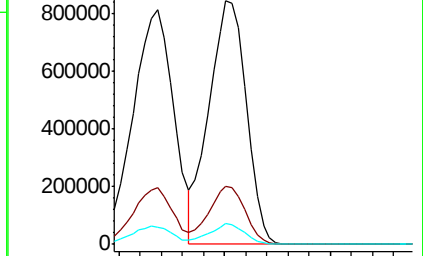
125 8.4 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 80.870 ng

RT: 24.81 min Scan# 3696

Delta R.T. 0.01 min

Lab File: BG044686.D

Acq: 5 Mar 2020 16:03

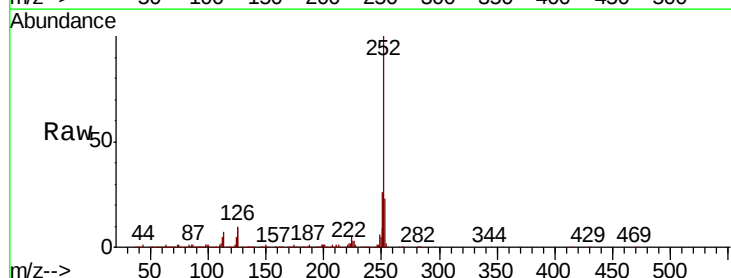
Tgt Ion:252 Resp: 2057664

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

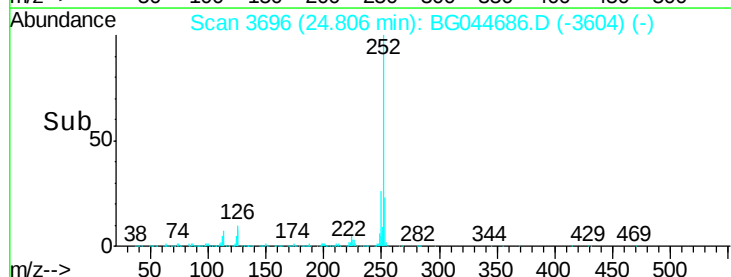
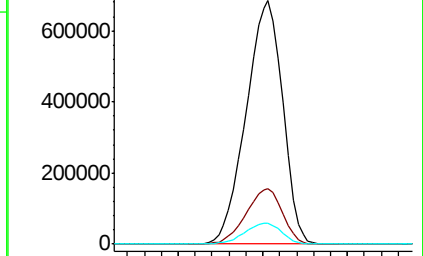
125 8.5 6.0 9.0

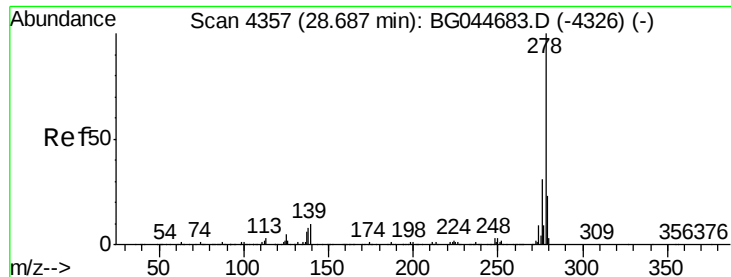


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

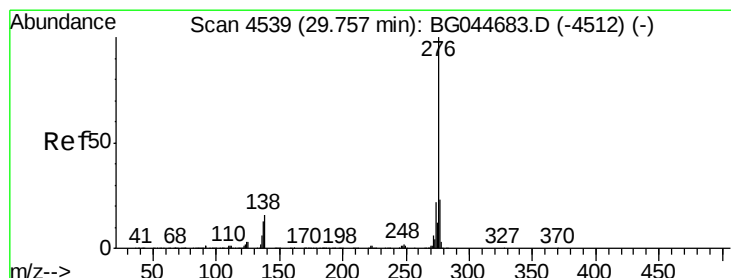
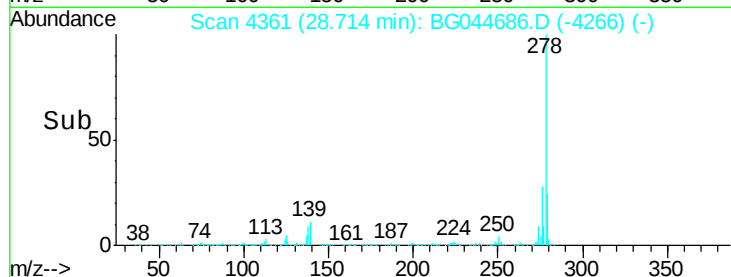
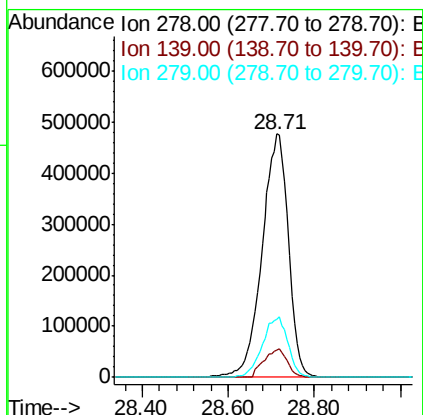
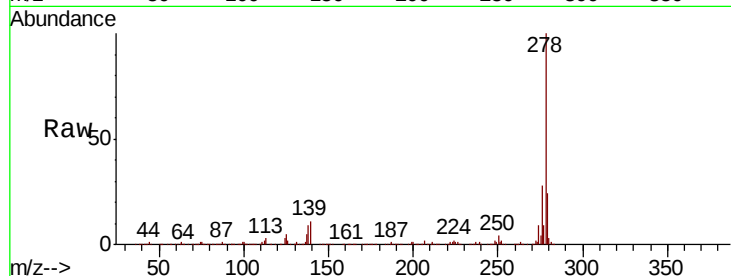




#91  
Dibenzo(a,h)anthracene  
Concen: 81.688 ng  
RT: 28.71 min Scan# 4361  
Delta R.T. 0.03 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:278 Resp: 2055581  
Ion Ratio Lower Upper  
278 100  
139 11.4 8.4 12.6  
279 23.9 18.2 27.2



#92  
Benzo(g,h,i)perylene  
Concen: 82.425 ng  
RT: 29.79 min Scan# 4544  
Delta R.T. 0.03 min  
Lab File: BG044686.D  
Acq: 5 Mar 2020 16:03

Tgt Ion:276 Resp: 2078076  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.7 28.1  
138 15.5 12.7 19.1

