

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\  
 Data File : BG044715.D  
 Acq On : 10 Mar 2020 15:04  
 Operator : CG/JU  
 Sample : SSTDICC100  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 10 15:45:41 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 14:03:59 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 110199   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 405236   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 264646   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.44 | 188  | 590065   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.72 | 240  | 497788   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.94 | 264  | 583879   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.63  | 112 | 1282514 | 174.79 | ng | 0.00 |
| 7) Phenol-d6                | 7.22  | 99  | 1831610 | 165.14 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.22  | 82  | 1808991 | 203.25 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330 | 706117  | 194.24 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.32 | 172 | 3184870 | 167.64 | ng | 0.00 |
| 79) Terphenyl-d14           | 20.06 | 244 | 4022553 | 144.25 | ng | 0.00 |

|                                |       |     |         |         |        |      |
|--------------------------------|-------|-----|---------|---------|--------|------|
| Target Compounds               |       |     |         |         | Qvalue |      |
| 2) 1,4-Dioxane                 | 3.53  | 88  | 312351  | 88.807  | ng     | 97   |
| 3) Pyridine                    | 3.92  | 79  | 861892  | 79.036  | ng     | 99   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 375771  | 81.462  | ng     | 99   |
| 6) Aniline                     | 7.38  | 93  | 1158902 | 83.410  | ng     | 98   |
| 8) 2-Chlorophenol              | 7.62  | 128 | 650625  | 87.487  | ng     | 97   |
| 9) Benzaldehyde                | 7.19  | 77  | 399168  | 61.317  | ng     | 98   |
| 10) Phenol                     | 7.25  | 94  | 922469  | 84.431  | ng     | 99   |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 734513  | 87.494  | ng     | 97   |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 795900  | 89.988  | ng     | 98   |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 782023  | 88.502  | ng     | 99   |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 730182  | 87.420  | ng     | 96   |
| 15) Benzyl Alcohol             | 8.29  | 79  | 765450  | 79.998  | ng     | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 1280453 | 80.731  | ng     | 98   |
| 17) 2-Methylphenol             | 8.50  | 107 | 639356  | 85.405  | ng     | 92   |
| 18) Hexachloroethane           | 9.15  | 117 | 317871  | 89.692  | ng     | 96   |
| 19) n-Nitroso-di-n-propylamine | 8.88  | 70  | 651919  | 78.680  | ng     | # 98 |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 884289  | 84.793  | ng     | # 98 |
| 22) Acetophenone               | 8.88  | 105 | 1088036 | 91.973  | ng     | # 96 |
| 24) Nitrobenzene               | 9.26  | 77  | 952749  | 100.965 | ng     | 99   |
| 25) Isophorone                 | 9.80  | 82  | 1702179 | 86.724  | ng     | 99   |
| 26) 2-Nitrophenol              | 9.97  | 139 | 356267  | 115.453 | ng     | 95   |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 571833  | 92.863  | ng     | 95   |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 995035  | 90.050  | ng     | 98   |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 669894  | 95.612  | ng     | 98   |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 790301  | 97.104  | ng     | 95   |
| 31) Naphthalene                | 10.93 | 128 | 2070413 | 91.041  | ng     | 96   |
| 32) Benzoic acid               | 10.23 | 122 | 517646  | 119.865 | ng     | 99   |
| 33) 4-Chloroaniline            | 11.02 | 127 | 957970  | 91.457  | ng     | 97   |
| 34) Hexachlorobutadiene        | 11.22 | 225 | 527927  | 94.942  | ng     | 99   |
| 35) Caprolactam                | 11.82 | 113 | 216179  | 73.913  | ng     | 93   |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 788512  | 88.866  | ng     | 98   |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 1554092 | 90.556  | ng     | 98   |
| 38) 1-Methylnaphthalene        | 12.74 | 142 | 1461876 | 90.108  | ng     | 96   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 838759  | 97.629  | ng     | 98   |

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 Sample : SSTDICC100  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

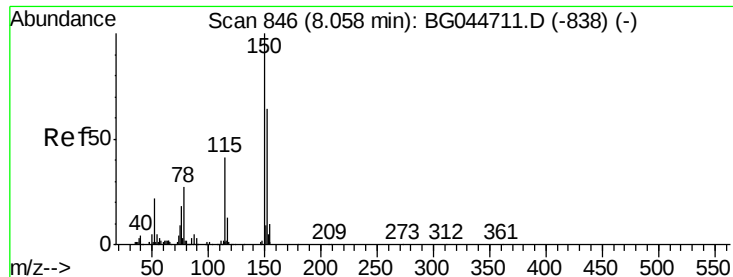
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 10 15:45:41 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 14:03:59 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 506659   | 100.851 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.12 | 196  | 588574   | 98.822  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.20 | 196  | 598419   | 97.972  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 1953594  | 92.812  | ng    | 94       |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 1518355  | 94.567  | ng    | 96       |
| 48) 2-Nitroaniline             | 13.76 | 65   | 612293   | 113.072 | ng    | 99       |
| 49) Acenaphthylene             | 14.42 | 152  | 2303387  | 89.544  | ng    | 95       |
| 50) Dimethylphthalate          | 14.16 | 163  | 1945201  | 88.412  | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.26 | 165  | 449829   | 113.782 | ng    | 95       |
| 52) Acenaphthene               | 14.76 | 154  | 1606118  | 96.563  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 501493   | 110.072 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 232623   | 126.731 | ng    | # 69     |
| 55) Dibenzofuran               | 15.10 | 168  | 2188018  | 87.792  | ng    | 95       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 393759   | 111.077 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 15.05 | 165  | 629100   | 119.091 | ng    | 98       |
| 58) Fluorene                   | 15.74 | 166  | 1797855  | 87.217  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.23 | 232  | 574931   | 98.898  | ng    | 99       |
| 60) Diethylphthalate           | 15.52 | 149  | 2045858  | 86.975  | ng    | 96       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 1009866  | 90.284  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.76 | 138  | 516112   | 102.848 | ng    | 100      |
| 63) Azobenzene                 | 16.03 | 77   | 2074037  | 84.255  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 310344   | 128.740 | ng    | 91       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 1648412  | 91.369  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.63 | 248  | 706208   | 94.897  | ng    | 98       |
| 68) Hexachlorobenzene          | 16.75 | 284  | 770095   | 95.836  | ng    | 94       |
| 69) Atrazine                   | 16.90 | 200  | 532541   | 76.382  | ng    | 99       |
| 70) Pentachlorophenol          | 17.09 | 266  | 455883   | 99.980  | ng    | 97       |
| 71) Phenanthrene               | 17.48 | 178  | 2771740  | 85.667  | ng    | 93       |
| 72) Anthracene                 | 17.58 | 178  | 2732206  | 85.736  | ng    | 93       |
| 73) Carbazole                  | 17.84 | 167  | 2610526  | 85.537  | ng    | 93       |
| 74) Di-n-butylphthalate        | 18.41 | 149  | 3075877  | 80.024  | ng    | # 94     |
| 75) Fluoranthene               | 19.49 | 202  | 3188755  | 81.547  | ng    | 92       |
| 77) Benzidine                  | 20.06 | 184  | 111159   | 5.594   | ng    | 96       |
| 78) Pyrene                     | 19.85 | 202  | 3149505  | 82.950  | ng    | # 88     |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 1578906  | 93.165  | ng    | 92       |
| 81) Benzo(a)anthracene         | 21.70 | 228  | 3209924  | 85.988  | ng    | # 90     |
| 82) 3,3'-Dichlorobenzidine     | 21.61 | 252  | 1282051  | 86.257  | ng    | 97       |
| 83) Chrysene                   | 21.70 | 228  | 3209924  | 90.339  | ng    | 94       |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 2063214  | 87.299  | ng    | # 93     |
| 85) Di-n-octyl phthalate       | 22.86 | 149  | 3474028  | 85.597  | ng    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.62 | 276  | 4387789  | 93.503  | ng    | 95       |
| 88) Benzo(b)fluoranthene       | 23.93 | 252  | 3581596  | 90.129  | ng    | 96       |
| 89) Benzo(k)fluoranthene       | 24.00 | 252  | 3388383  | 90.966  | ng    | 95       |
| 90) Benzo(a)pyrene             | 24.80 | 252  | 3434269  | 92.791  | ng    | 95       |
| 91) Dibenzo(a,h)anthracene     | 28.70 | 278  | 3418514  | 92.628  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.78 | 276  | 3507097  | 94.870  | ng    | 98       |

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



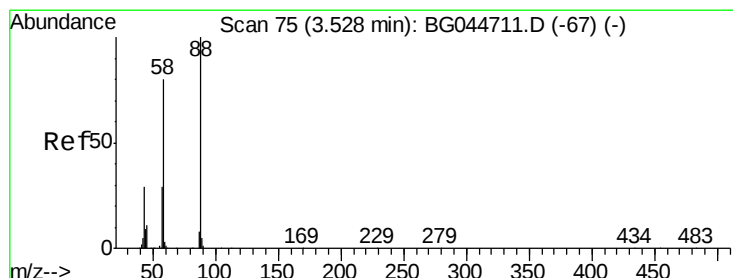
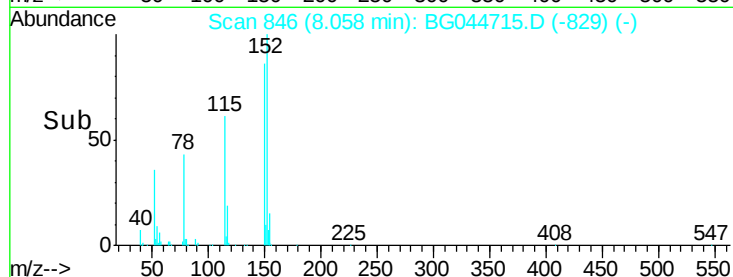
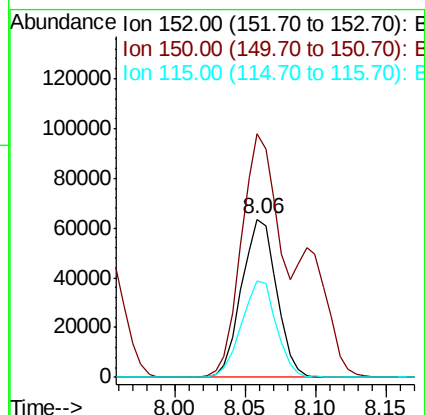
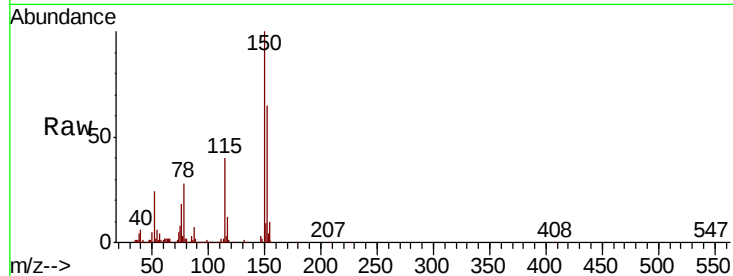


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 846  
Delta R.T. -0.00 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

Instrument :  
BNA\_G  
ClientSampleId :

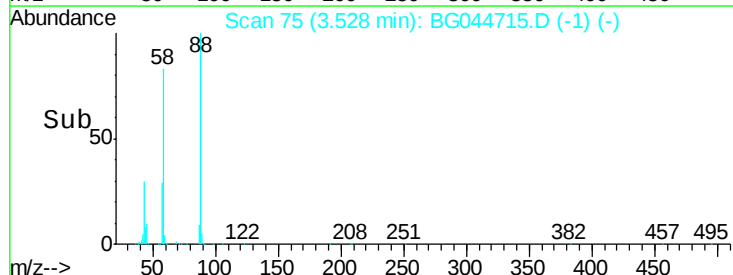
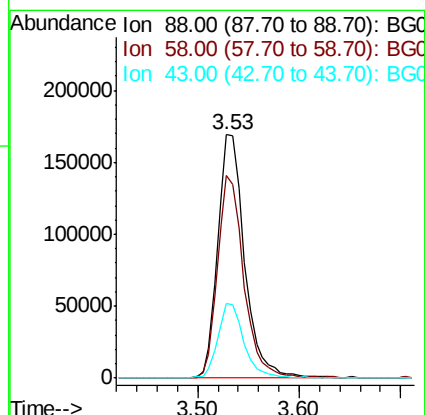
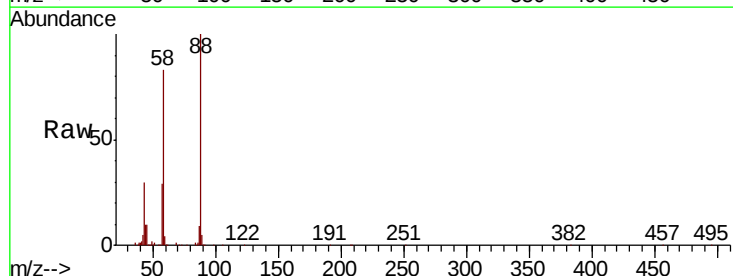
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.2 | 125.3 | 187.9 |
| 115     | 61.3  | 51.7  | 77.5  |

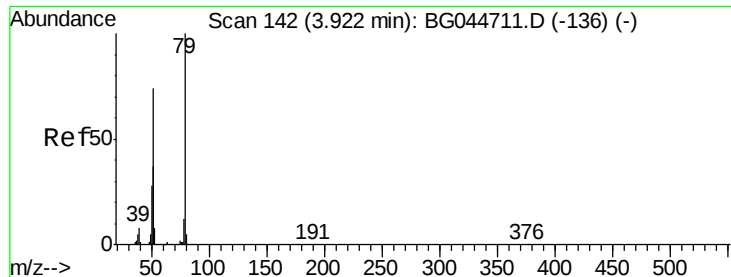


#2

1,4-Dioxane  
Concen: 88.807 ng  
RT: 3.53 min Scan# 75  
Delta R.T. -0.00 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.3  | 63.0  | 94.4  |
| 43      | 29.7  | 23.2  | 34.8  |





#3

Pvridine

Concen: 79.036 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampleId :

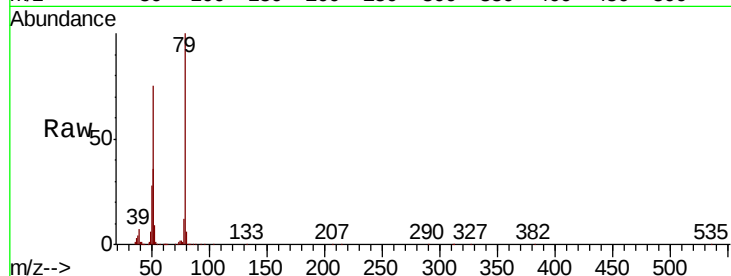
Tot Ion: 79 Resp: 861892

Ion Ratio Lower Upper

79 100

52 75.3 59.4 89.2

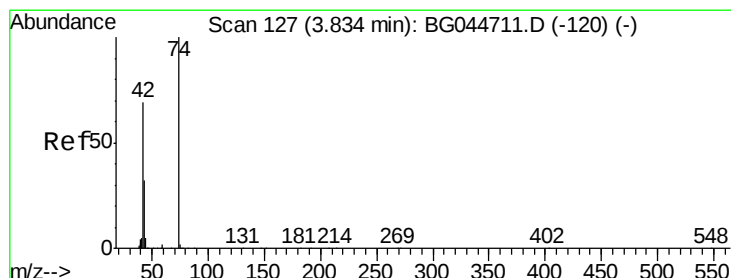
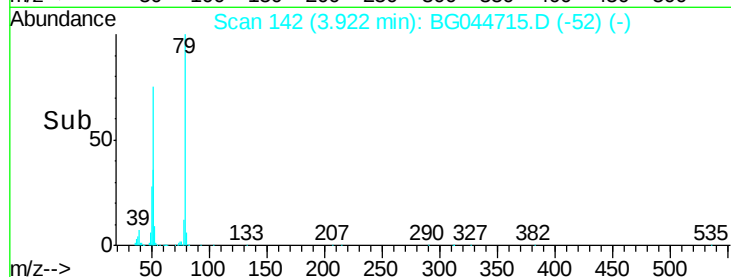
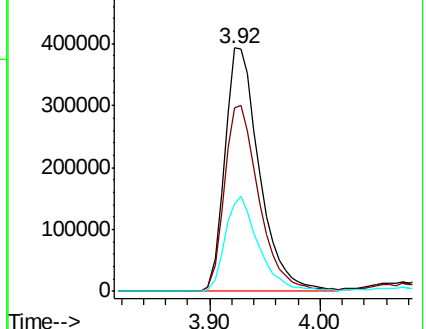
51 36.0 29.7 44.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 81.462 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.00 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

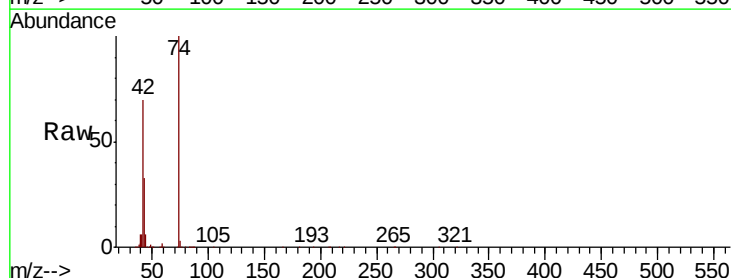
Tgt Ion: 42 Resp: 375771

Ion Ratio Lower Upper

42 100

74 143.6 116.1 174.1

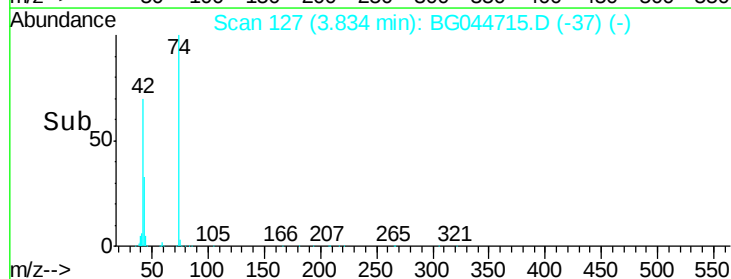
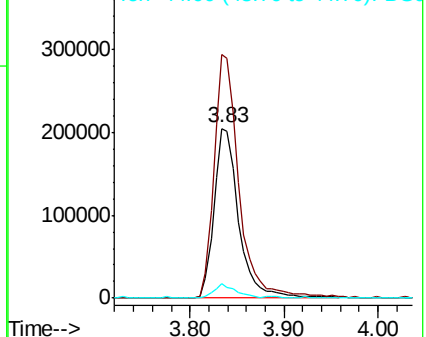
44 8.2 7.1 10.7

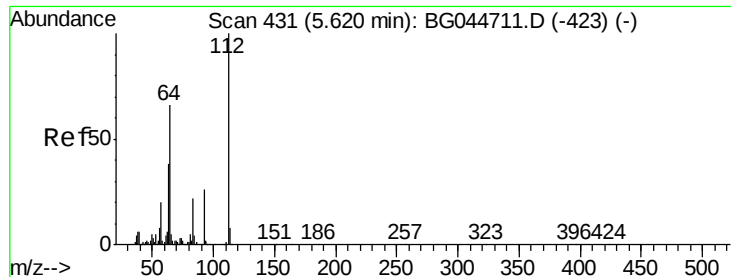


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 174.786 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampleId :

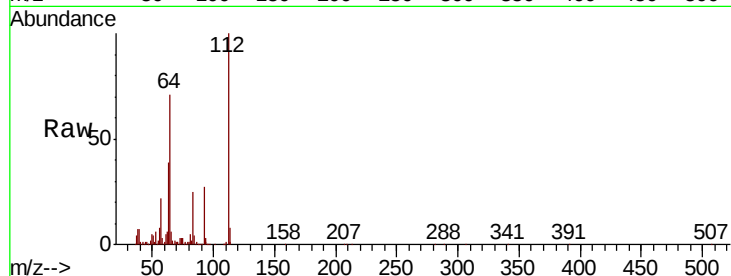
Tot Ion:112 Resp: 1282514

Ion Ratio Lower Upper

112 100

64 70.8 52.6 78.8

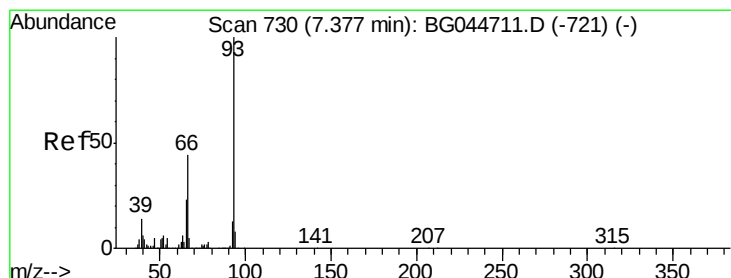
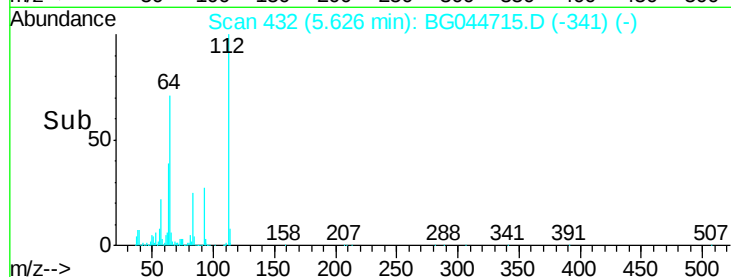
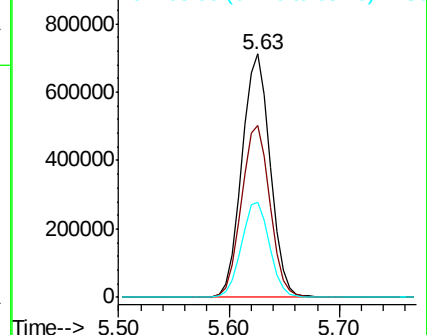
63 39.3 30.2 45.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 83.410 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

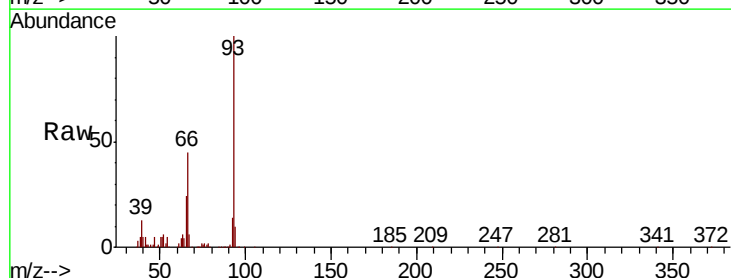
Tgt Ion: 93 Resp: 1158902

Ion Ratio Lower Upper

93 100

66 44.9 35.3 52.9

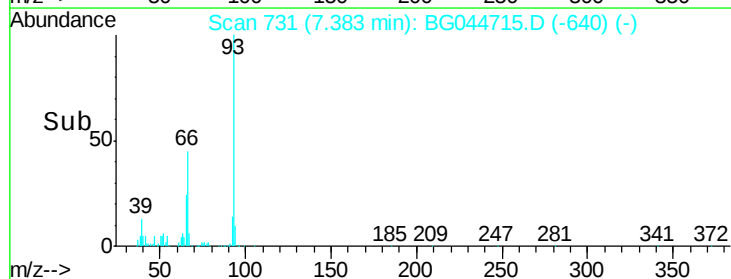
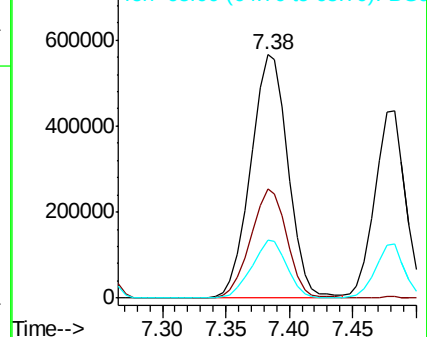
65 23.9 18.2 27.4

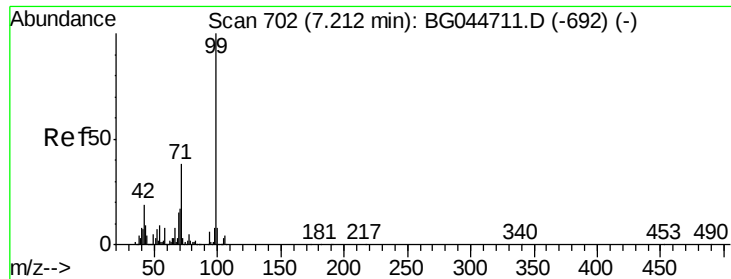


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 165.141 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

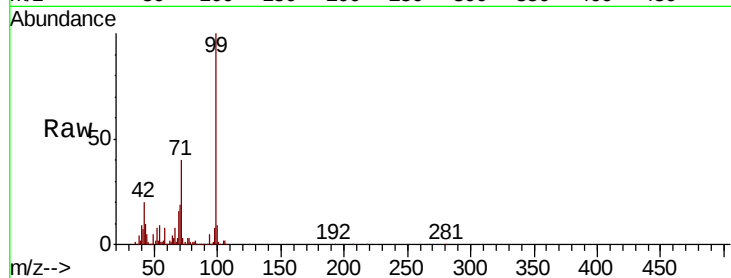
Instrument :

BNA\_G

ClientSampled :

Tot Ion: 99 Resp: 1831610

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.4  | 15.4  | 23.0  |
| 71  | 39.8  | 30.2  | 45.4  |

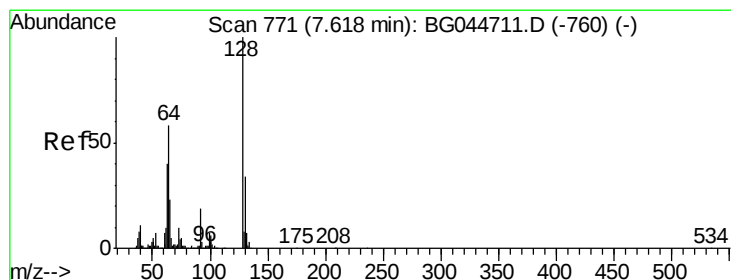
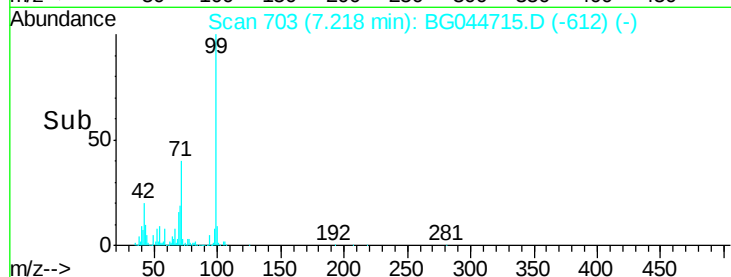
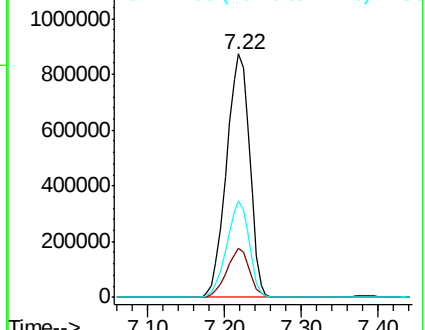


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 87.487 ng

RT: 7.62 min Scan# 772

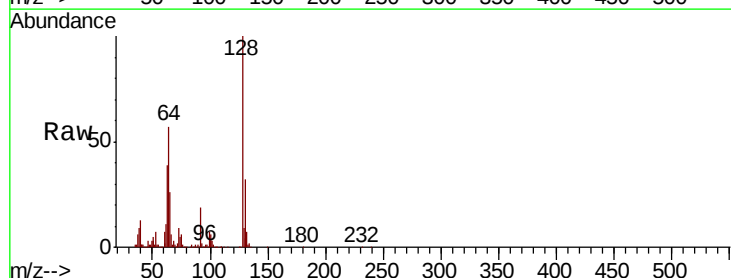
Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Tgt Ion: 128 Resp: 650625

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.9  | 13.6  | 53.6  |
| 64  | 56.9  | 38.6  | 78.6  |

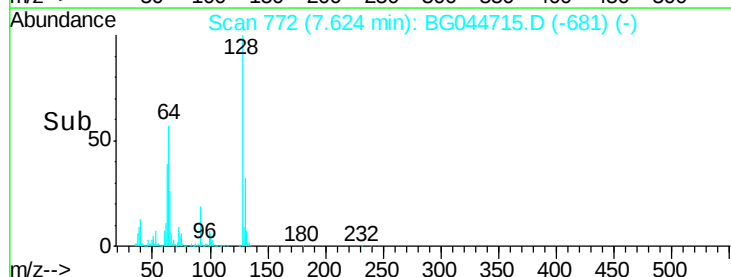
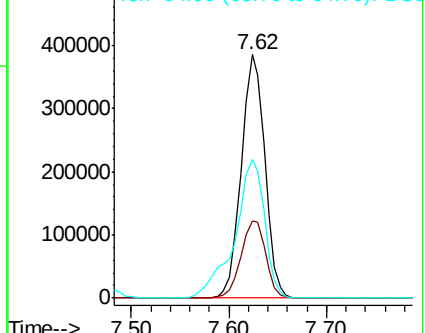


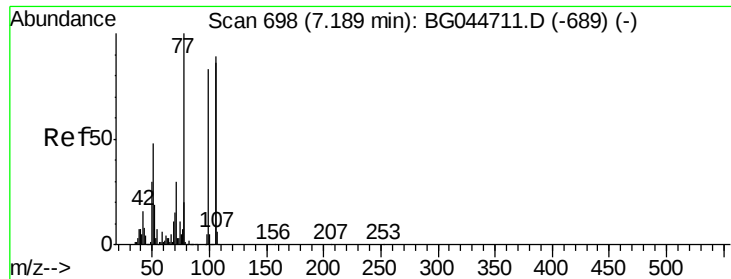
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 61.317 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampled :

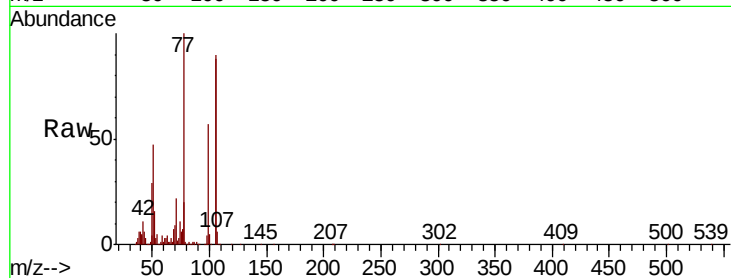
Tot Ion: 77 Resp: 399168

Ion Ratio Lower Upper

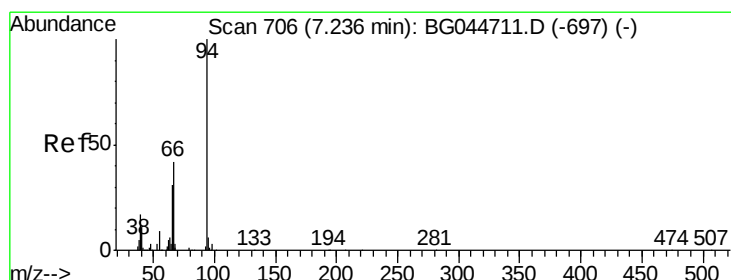
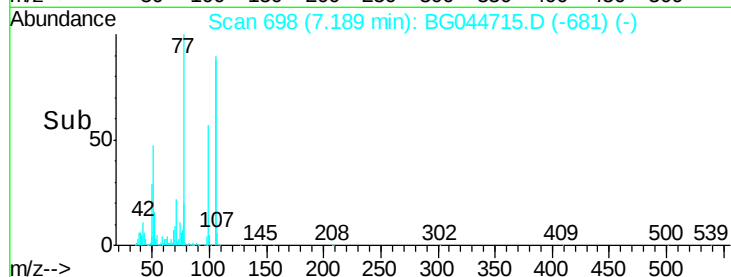
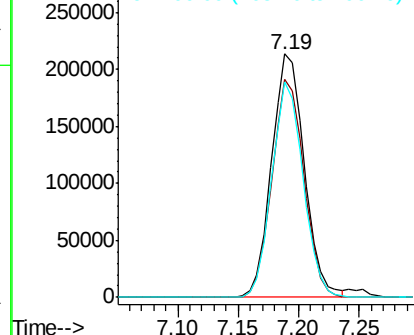
77 100

105 89.6 68.6 108.6

106 88.4 65.9 105.9



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: 84.431 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

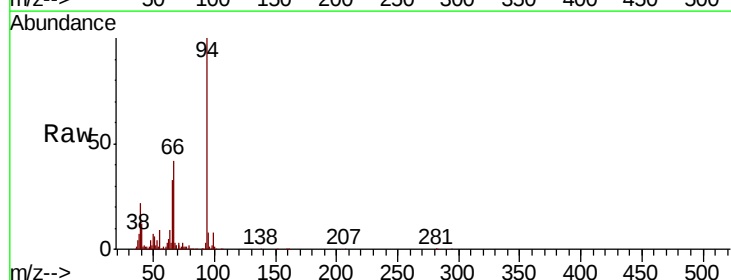
Tgt Ion: 94 Resp: 922469

Ion Ratio Lower Upper

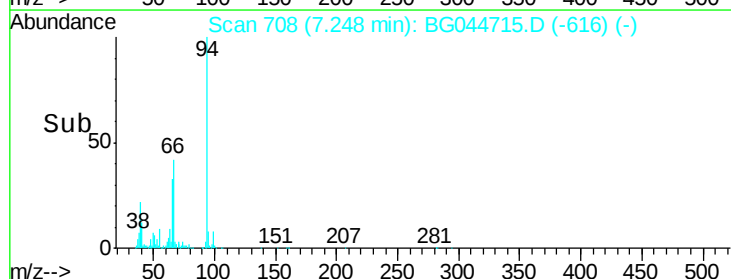
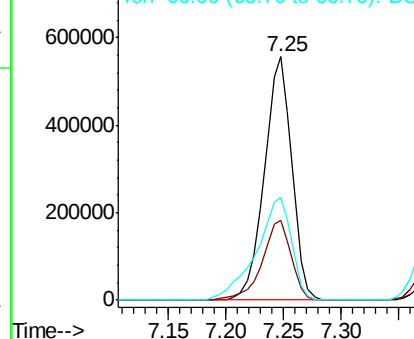
94 100

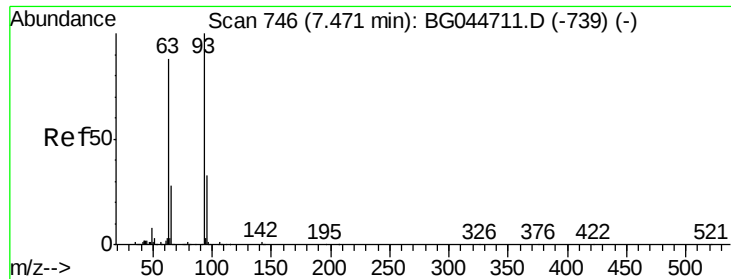
65 32.6 11.3 51.3

66 42.4 22.9 62.9



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

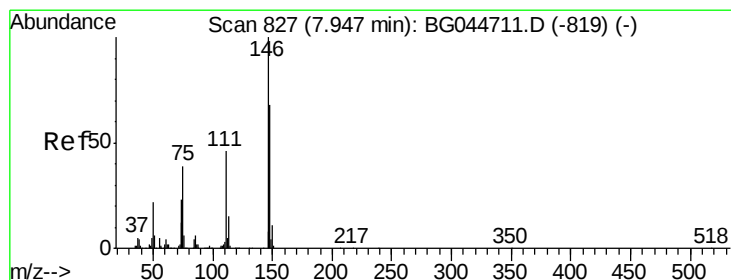
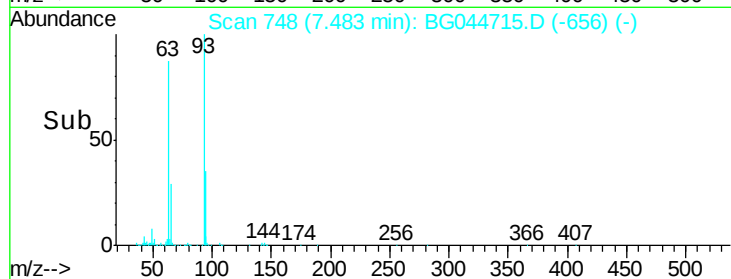
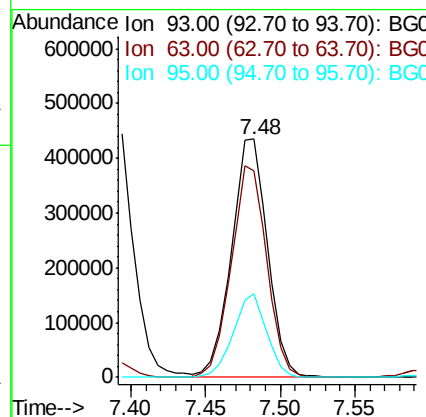
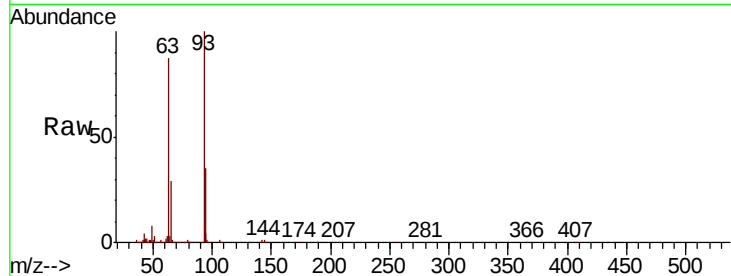




#11  
bis(2-Chloroethyl)ether  
Concen: 87.494 ng  
RT: 7.48 min Scan# 748  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

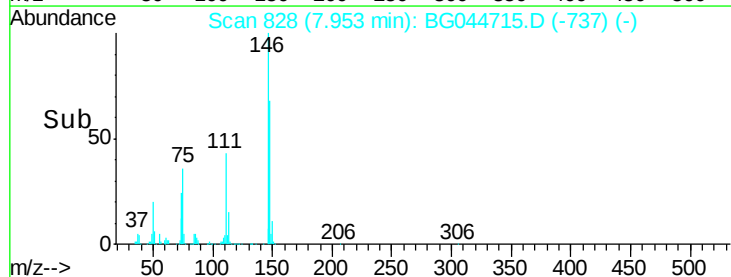
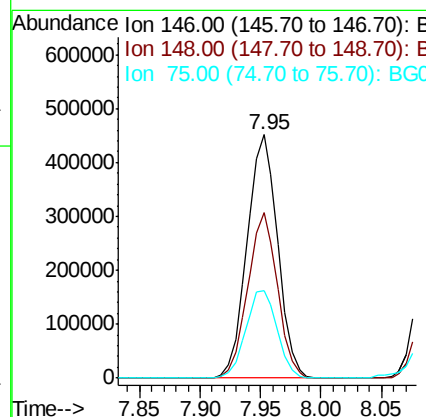
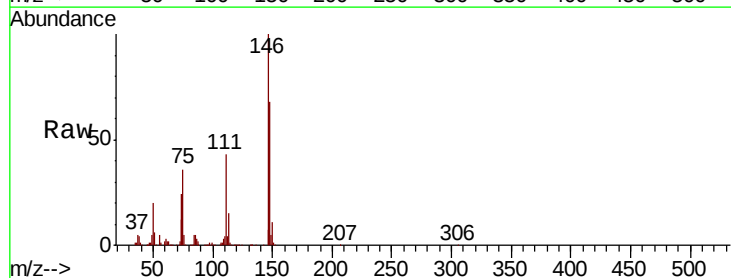
Instrument :  
BNA\_G  
ClientSampleId :

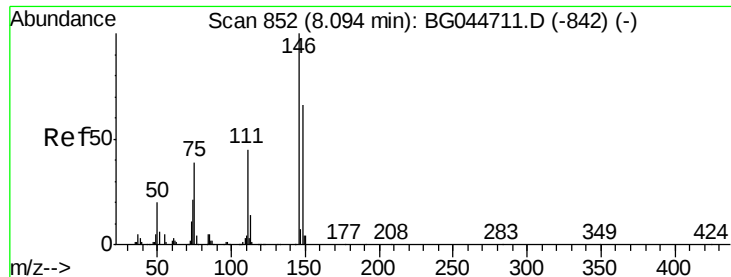
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 86.5  | 68.1  | 108.1 |
| 95      | 35.1  | 12.4  | 52.4  |



#12  
1,3-Dichlorobenzene  
Concen: 89.988 ng  
RT: 7.95 min Scan# 828  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.8  | 54.2  | 81.2  |
| 75      | 35.9  | 31.3  | 46.9  |





#13

1,4-Dichlorobenzene

Concen: 88.502 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampled :

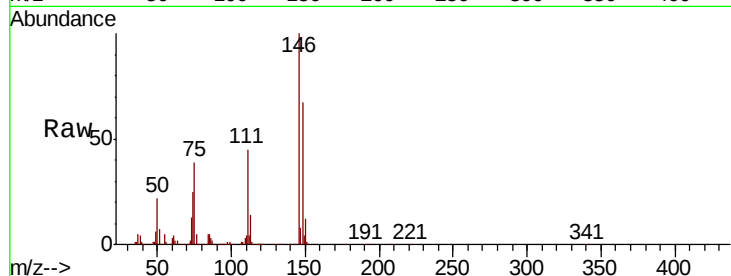
Tot Ion:146 Resp: 782023

Ion Ratio Lower Upper

146 100

148 66.6 52.9 79.3

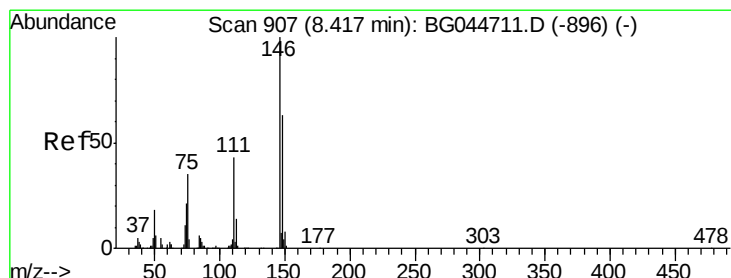
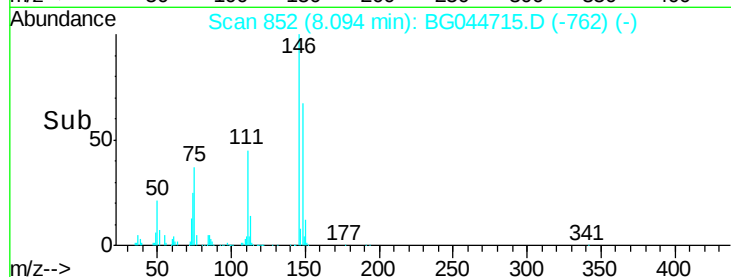
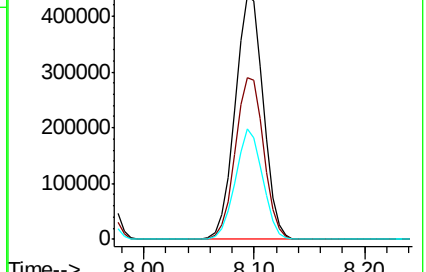
111 45.3 35.6 53.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 87.420 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

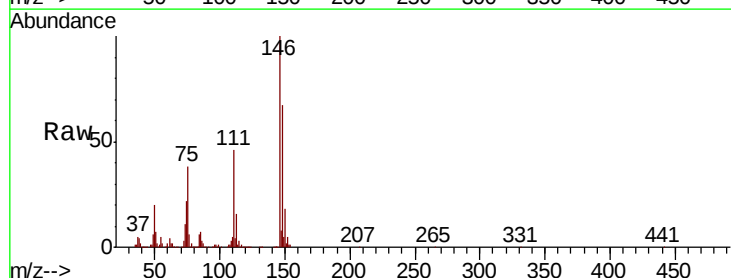
Tgt Ion:146 Resp: 730182

Ion Ratio Lower Upper

146 100

148 66.8 50.8 76.2

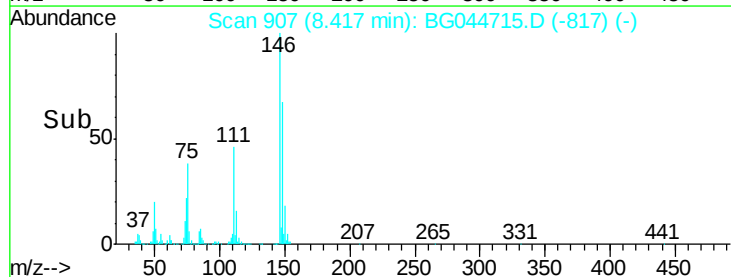
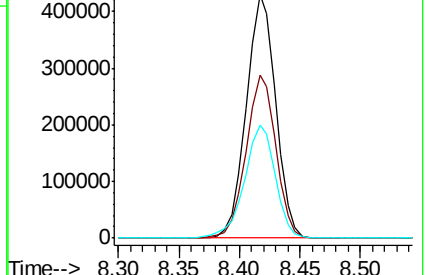
111 46.3 34.8 52.2

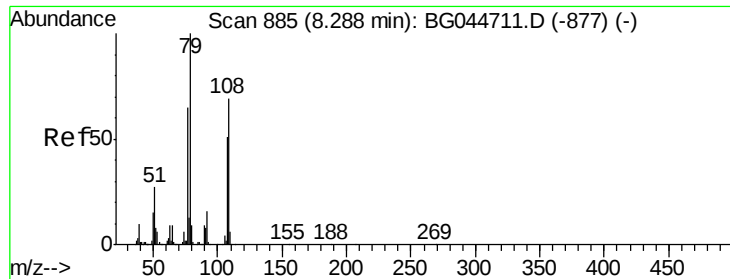


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 79.998 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampled :

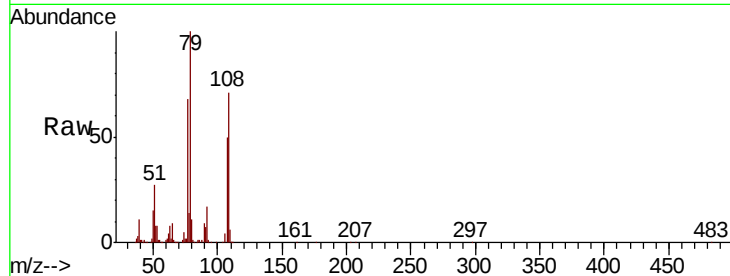
Tot Ion: 79 Resp: 765450

Ion Ratio Lower Upper

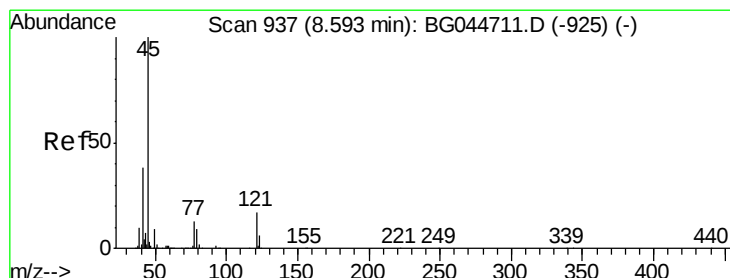
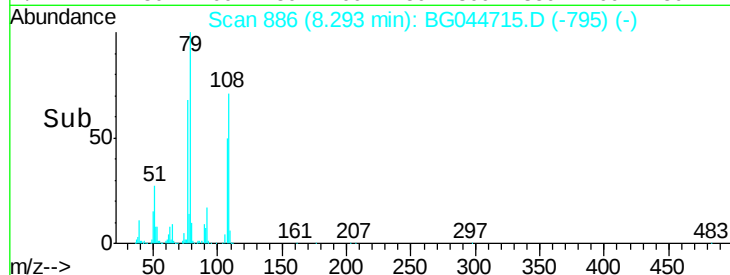
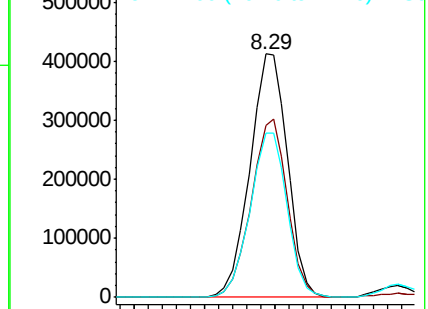
79 100

108 70.6 55.4 83.0

77 67.6 52.2 78.4



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: 80.731 ng

RT: 8.59 min Scan# 937

Delta R.T. -0.00 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

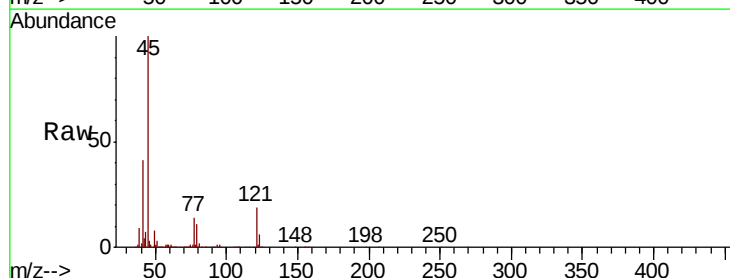
Tgt Ion: 45 Resp: 1280453

Ion Ratio Lower Upper

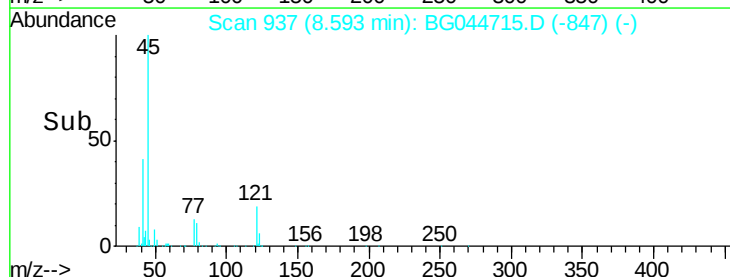
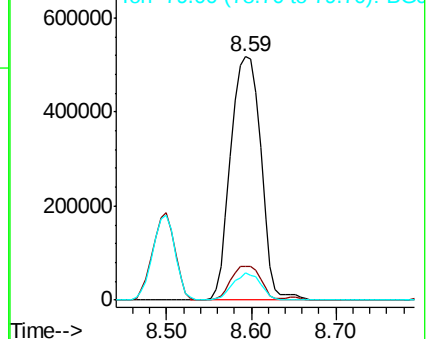
45 100

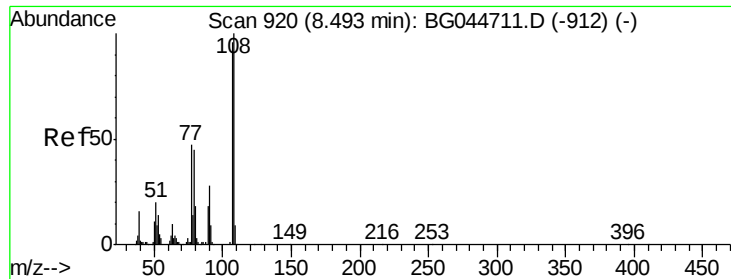
77 13.8 0.0 33.4

79 11.0 0.0 30.0



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

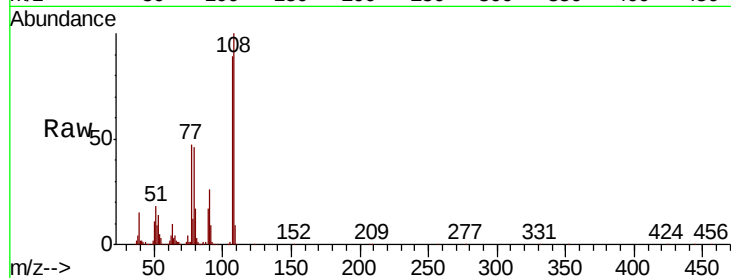




#17  
2-Methylphenol  
Concen: 85.405 ng  
RT: 8.50 min Scan# 921  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 639356 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.8 | 83.2  | 124.8  |
| 77       | 53.3  | 39.0  | 58.6   |
| 79       | 51.7  | 37.6  | 56.4   |



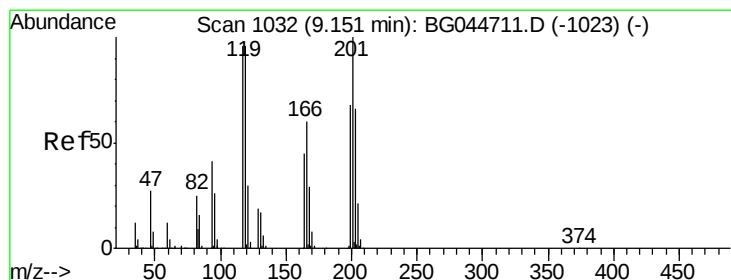
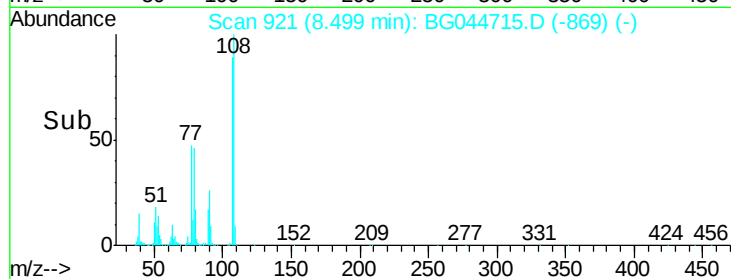
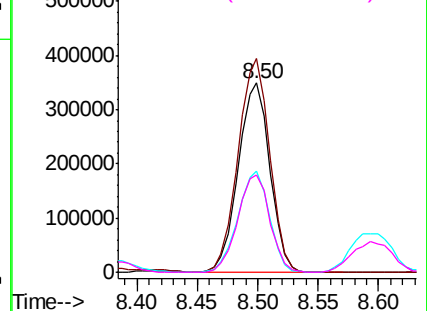
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

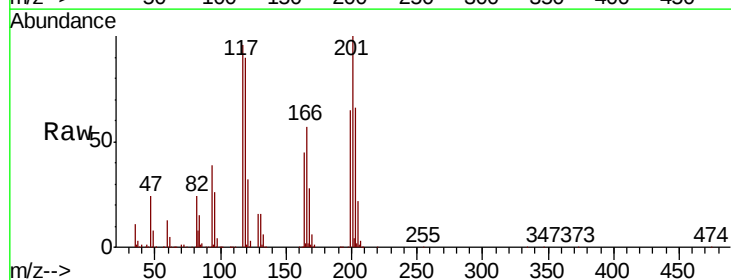
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18  
Hexachloroethane  
Concen: 89.692 ng  
RT: 9.15 min Scan# 1032  
Delta R.T. -0.00 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 317871 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.0  | 80.2  | 120.4  |
| 201      | 103.6 | 83.4  | 125.2  |

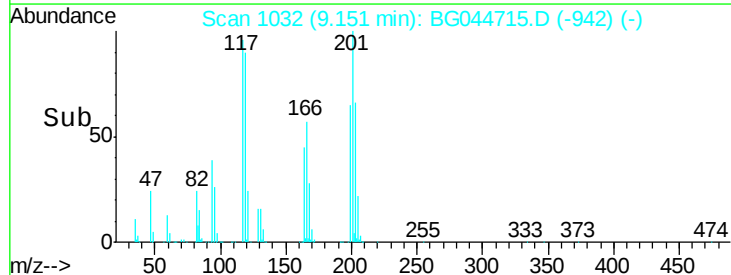
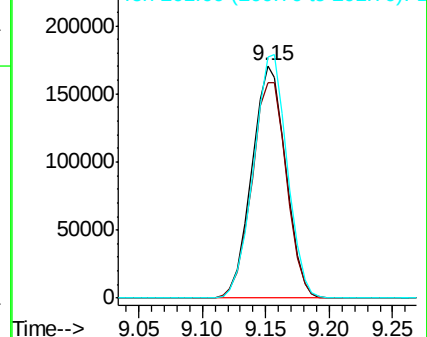


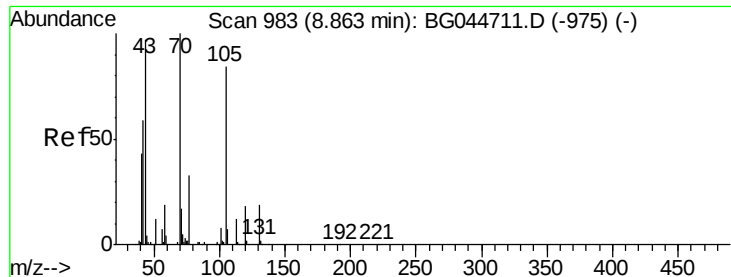
Abundance

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

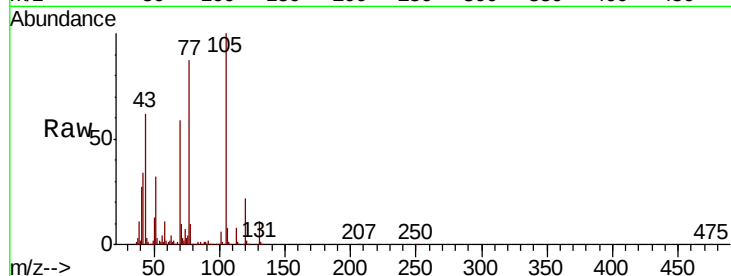




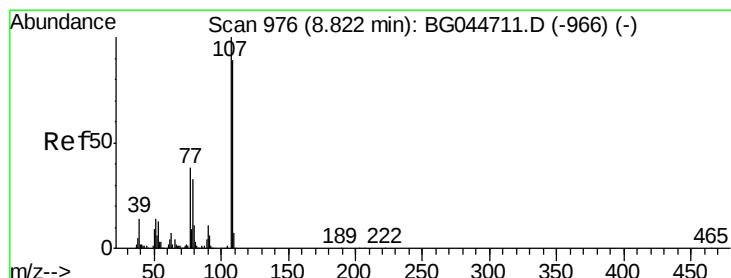
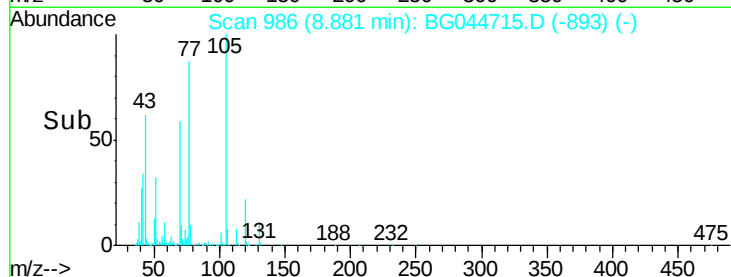
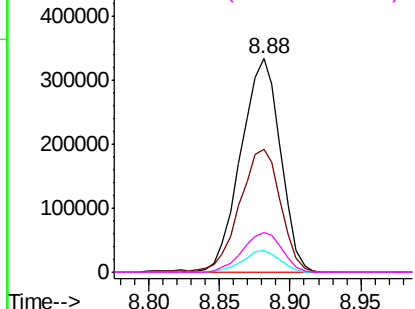
#19  
n-Nitroso-di-n-propylamine  
Concen: 78.680 ng  
RT: 8.88 min Scan# 986  
Delta R.T. 0.02 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 70 Resp: 651919  
Ion Ratio Lower Upper  
70 100  
42 57.8 47.6 71.4  
101 9.9 6.5 9.7#  
130 18.8 15.0 22.4

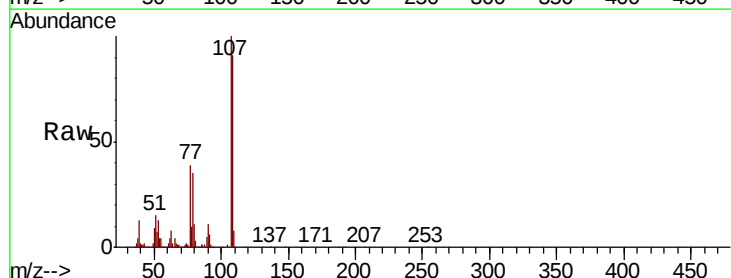


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

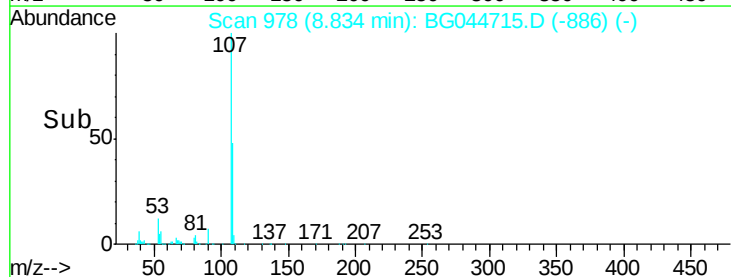
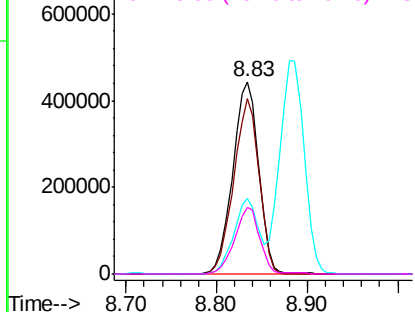


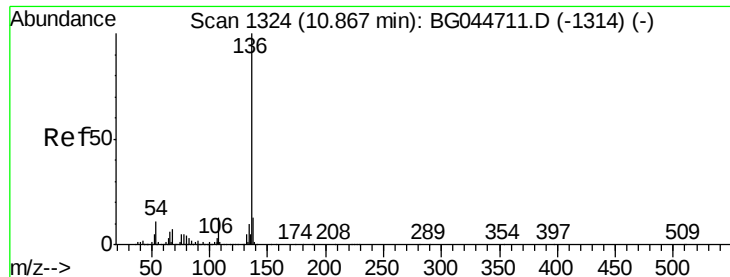
#20  
3+4-Methylphenols  
Concen: 84.793 ng  
RT: 8.83 min Scan# 978  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

Tgt Ion:107 Resp: 884289  
Ion Ratio Lower Upper  
107 100  
108 91.1 69.1 109.1  
77 39.3 17.7 57.7  
79 34.9 13.0 53.0



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 405236

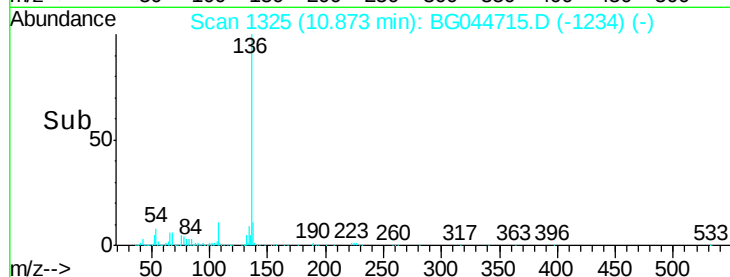
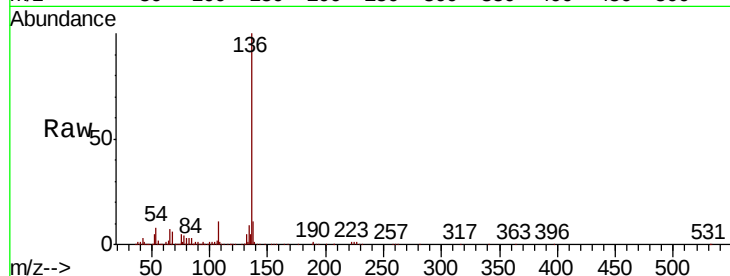
Ion Ratio Lower Upper

136 100

137 10.6 10.7 16.1#

54 8.4 9.0 13.4#

68 5.7 5.9 8.9#

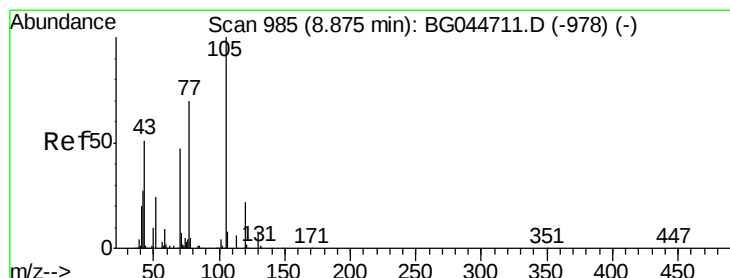
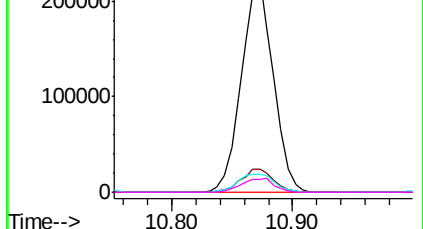


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.973 ng

RT: 8.88 min Scan# 986

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Tgt Ion:105 Resp: 1088036

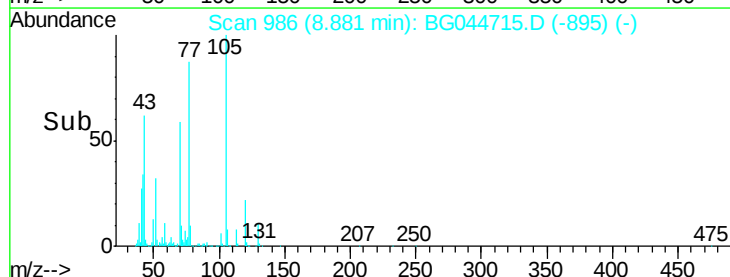
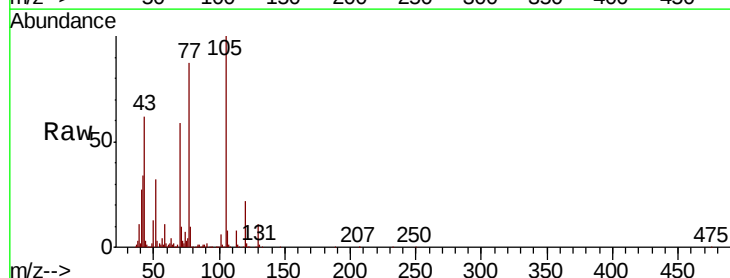
Ion Ratio Lower Upper

105 100

71 9.9 5.8 8.8#

51 32.0 23.8 35.8

120 22.4 17.3 25.9

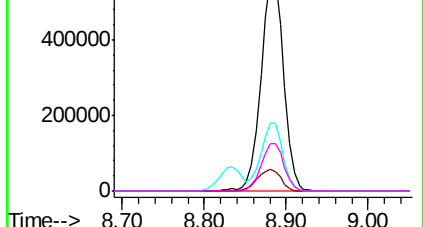


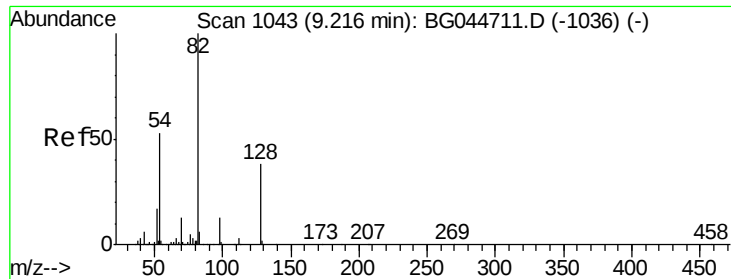
Abundance Ion 105.00 (104.70 to 105.70): E

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



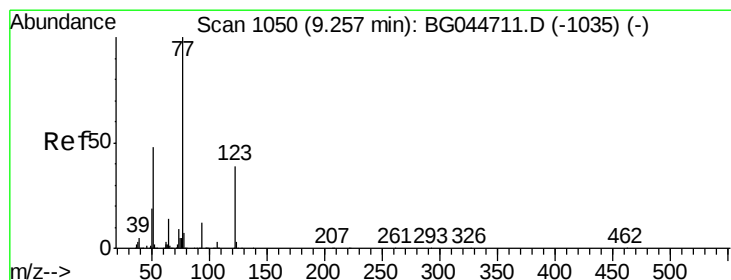
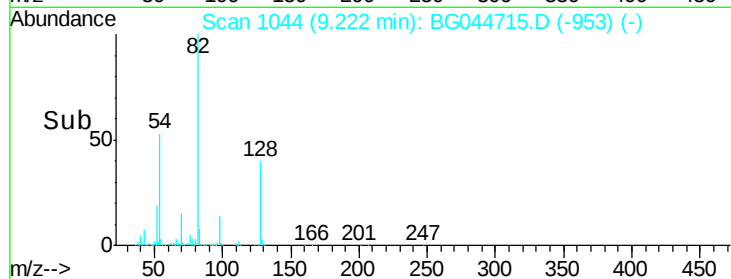
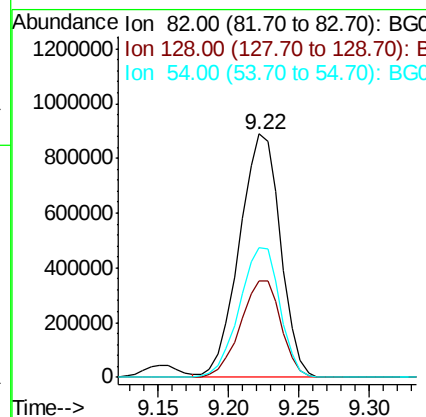
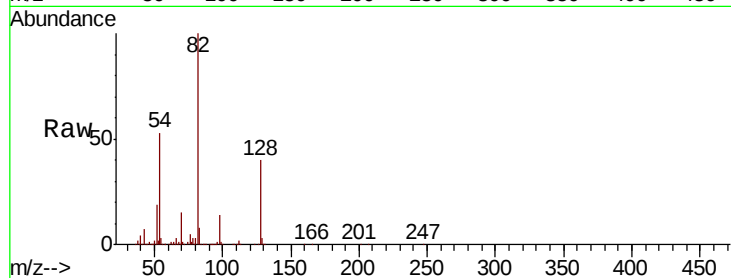


#23  
 Nitrobenzene-d5  
 Concen: 203.251 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. 0.01 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion: 82 Resp: 1808991  

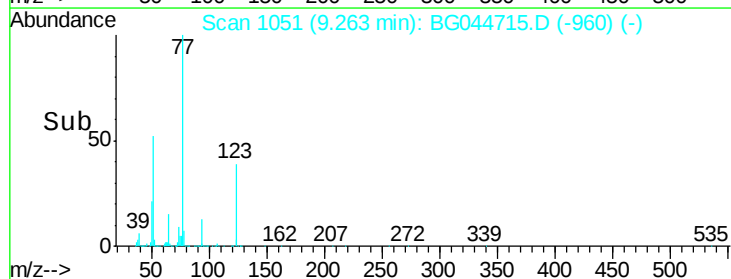
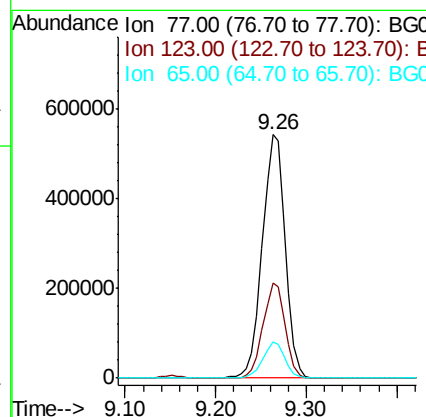
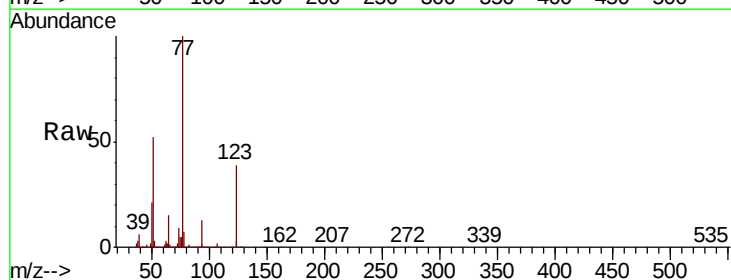
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.5  | 30.2  | 45.2  |
| 54  | 53.2  | 41.8  | 62.8  |

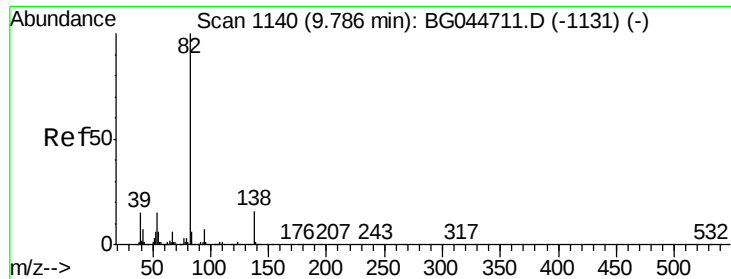


#24  
 Nitrobenzene  
 Concen: 100.965 ng  
 RT: 9.26 min Scan# 1051  
 Delta R.T. 0.01 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

Tgt Ion: 77 Resp: 952749  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 39.2  | 31.5  | 47.3  |
| 65  | 14.7  | 11.0  | 16.4  |





#25

Isophorone

Concen: 86.724 ng

RT: 9.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampleId :

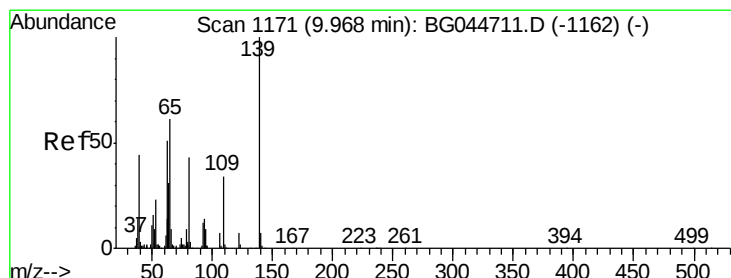
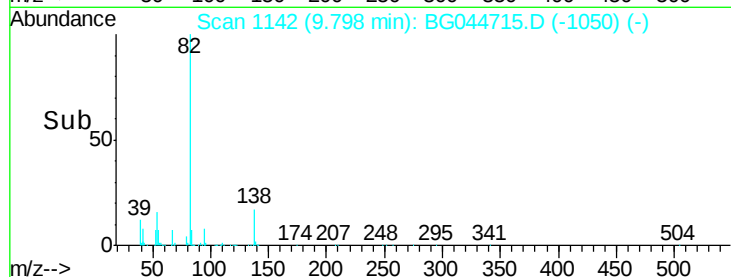
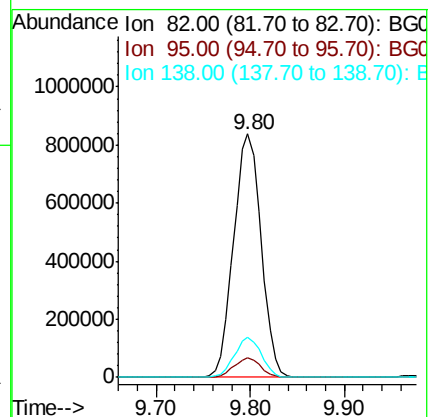
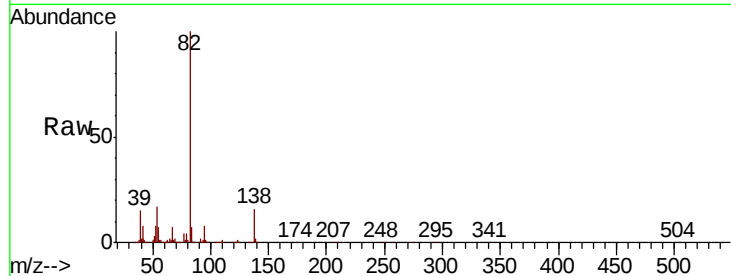
Tot Ion: 82 Resp: 1702179

Ion Ratio Lower Upper

82 100

95 8.2 5.6 8.4

138 16.3 13.0 19.4



#26

2-Nitrophenol

Concen: 115.453 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

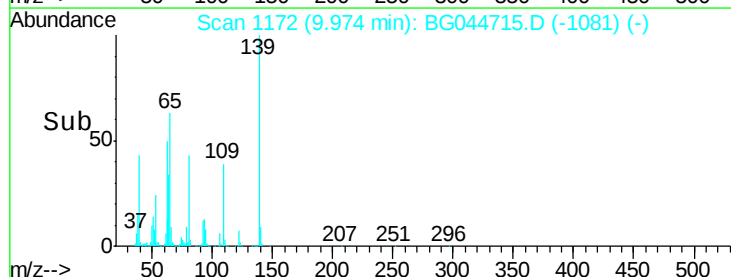
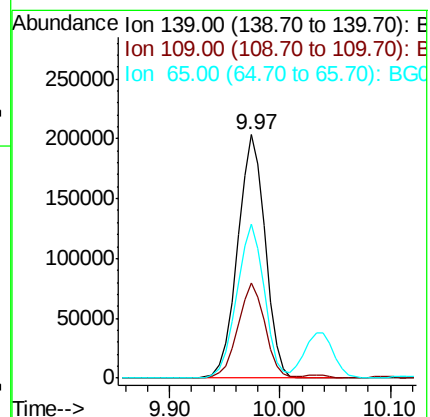
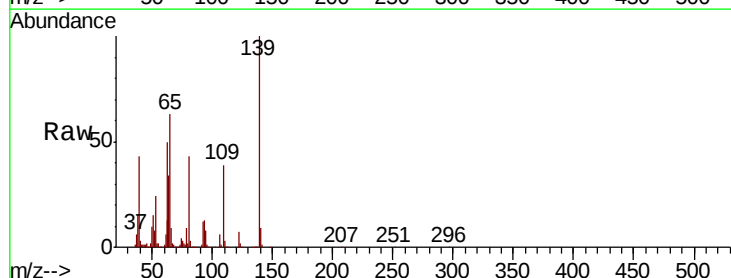
Tgt Ion: 139 Resp: 356267

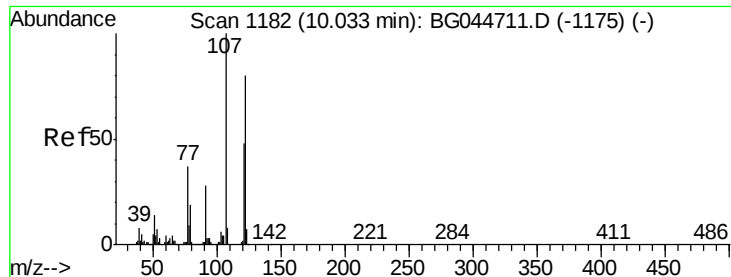
Ion Ratio Lower Upper

139 100

109 39.0 27.0 40.4

65 63.4 48.6 73.0

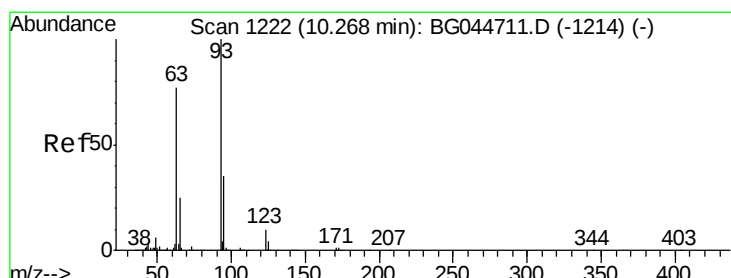
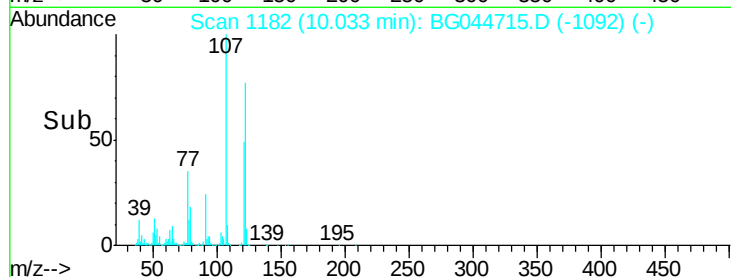
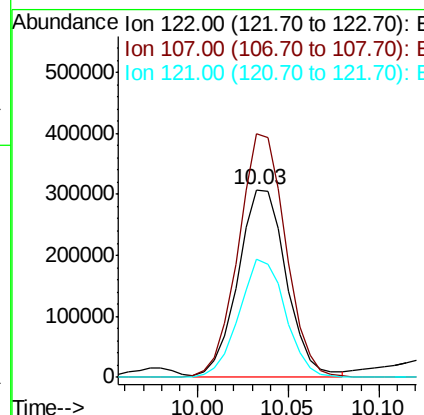
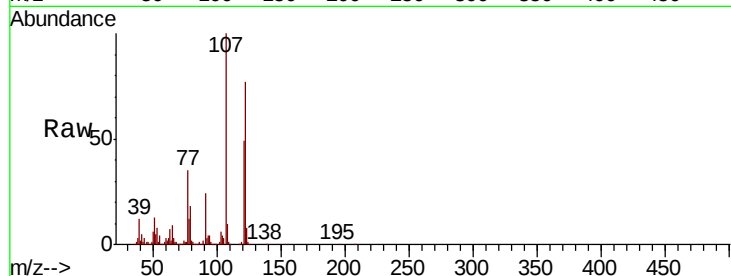




#27  
 2,4-Dimethylphenol  
 Concen: 92.863 ng  
 RT: 10.03 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

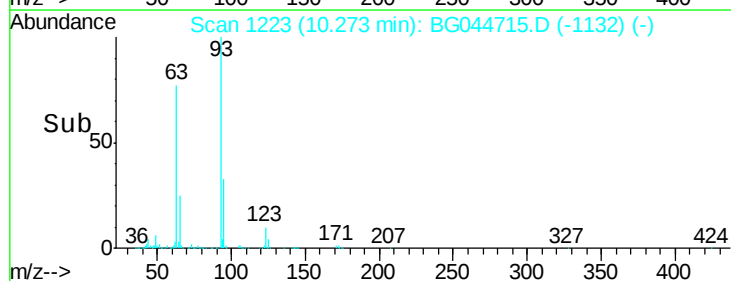
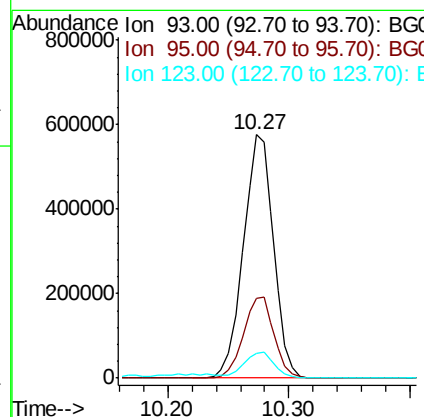
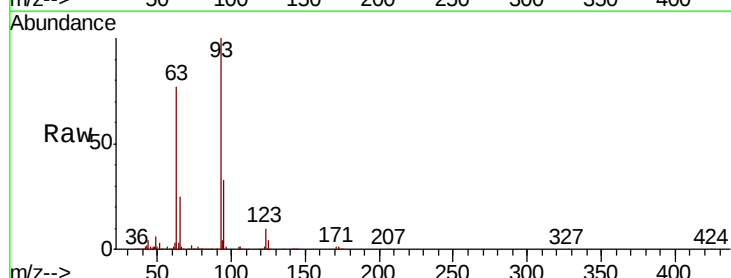
Instrument :  
 BNA\_G  
 ClientSampleId :

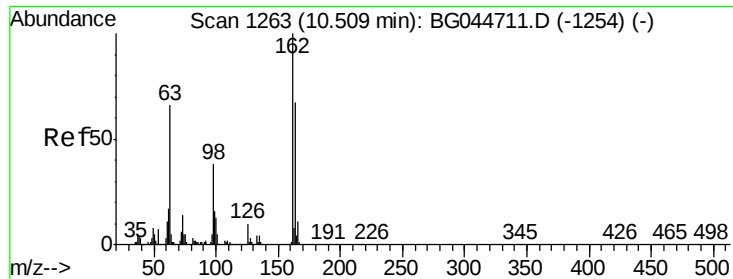
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 130.0 | 99.0  | 148.6 |
| 121     | 63.2  | 47.6  | 71.4  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 90.050 ng  
 RT: 10.27 min Scan# 1223  
 Delta R.T. 0.01 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 27.7  | 41.5  |
| 123     | 10.3  | 8.1   | 12.1  |

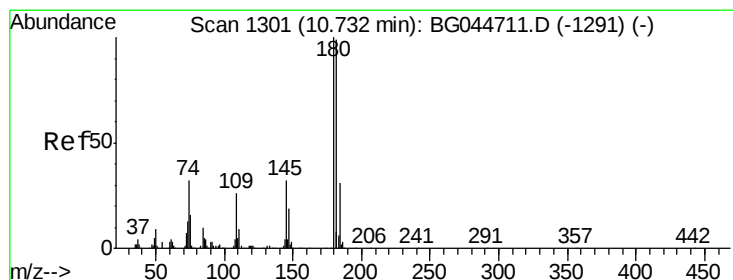
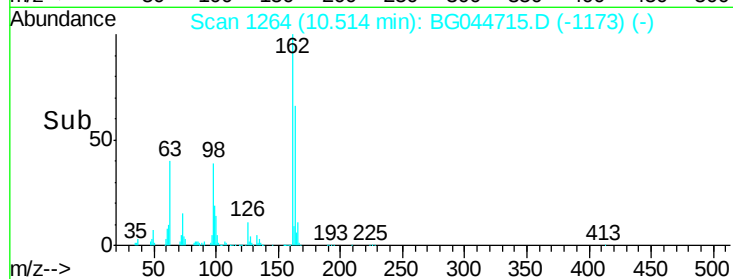
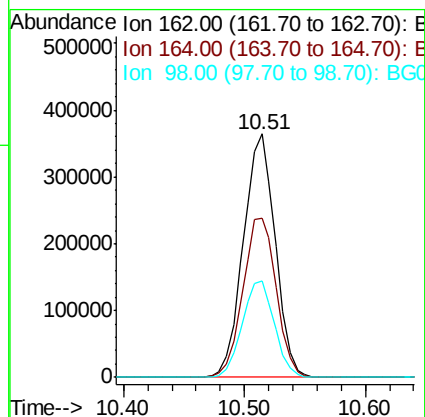
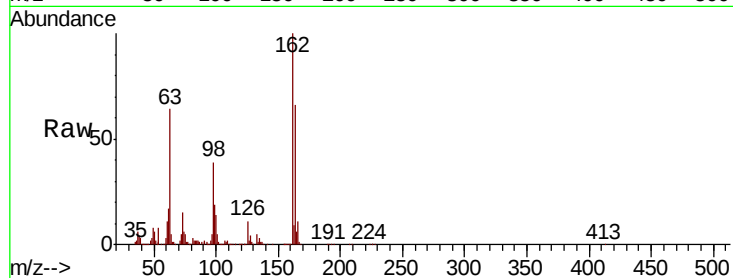




#29  
2,4-Dichlorophenol  
Concen: 95.612 ng  
RT: 10.51 min Scan# 1264  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

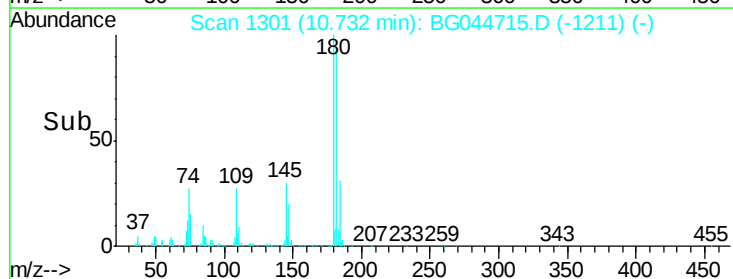
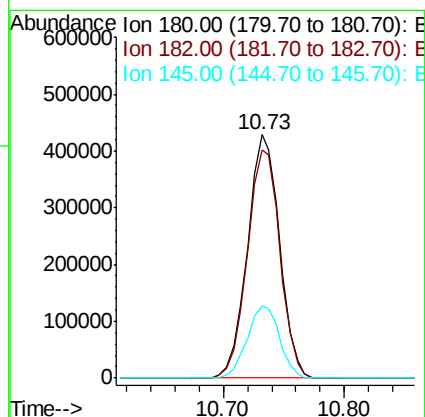
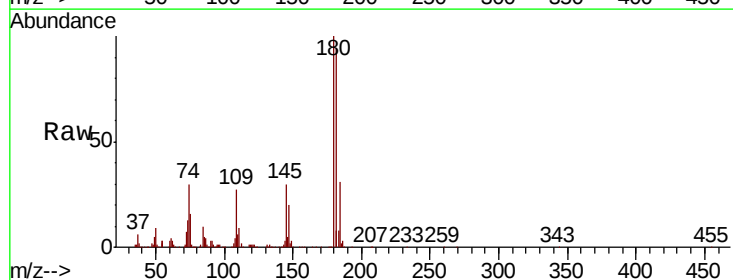
Instrument :  
BNA\_G  
ClientSampleId :

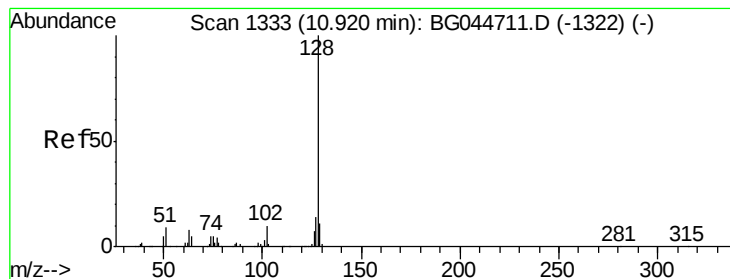
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.6  | 46.5  | 86.5  |
| 98      | 39.4  | 18.1  | 58.1  |



#30  
1,2,4-Trichlorobenzene  
Concen: 97.104 ng  
RT: 10.73 min Scan# 1301  
Delta R.T. -0.00 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 78.8  | 118.2 |
| 145     | 29.7  | 25.4  | 38.0  |





#31

Naphthalene

Concen: 91.041 ng

RT: 10.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampleId :

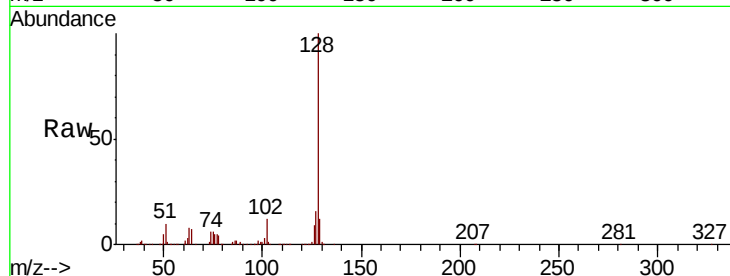
Tot Ion:128 Resp: 2070413

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.4

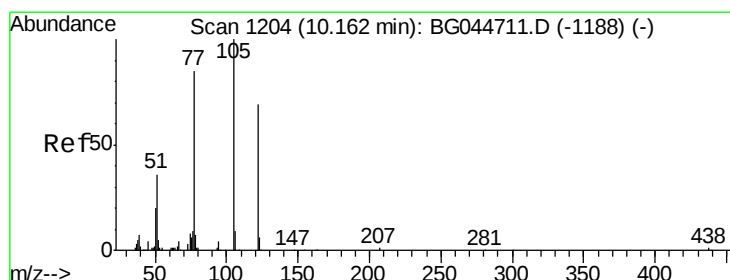
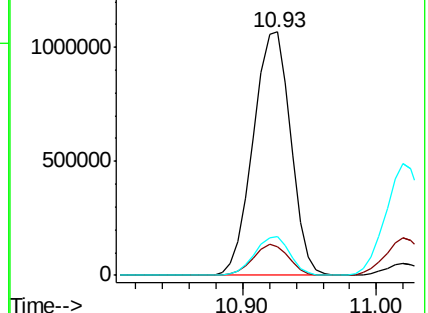
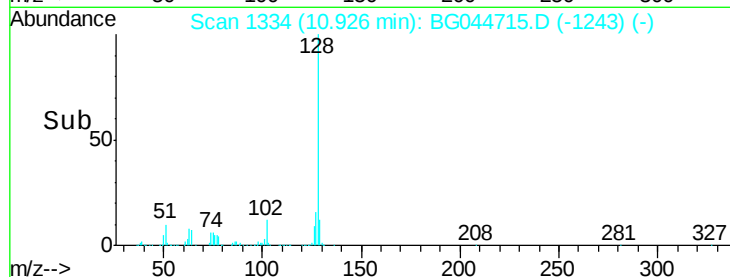
127 15.8 11.0 16.6



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: 119.865 ng

RT: 10.23 min Scan# 1216

Delta R.T. 0.07 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

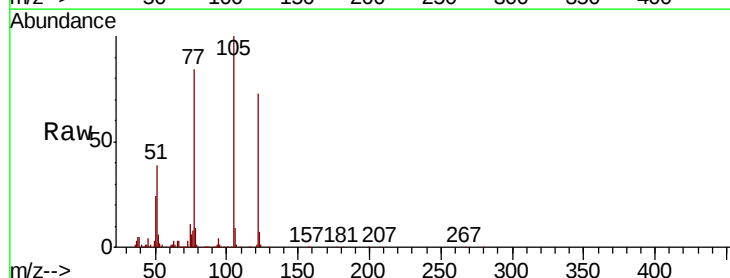
Tgt Ion:122 Resp: 517646

Ion Ratio Lower Upper

122 100

105 137.4 119.0 159.0

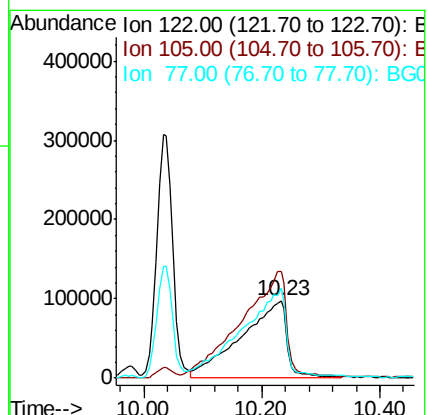
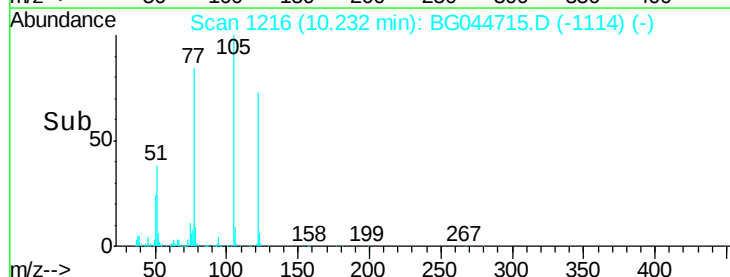
77 115.8 96.4 136.4

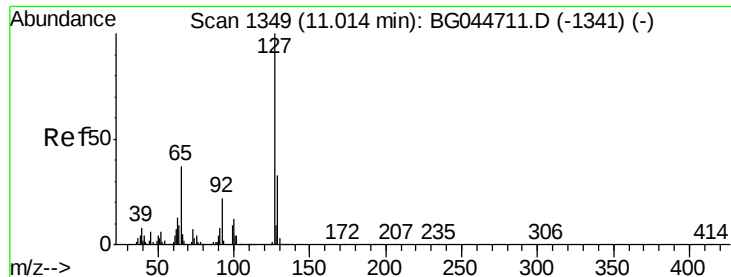


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

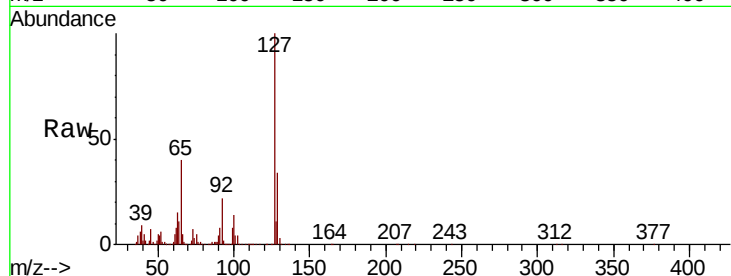




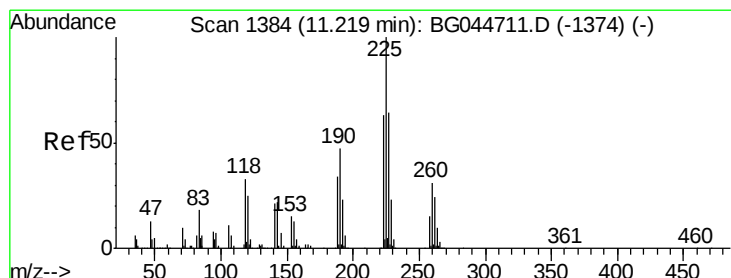
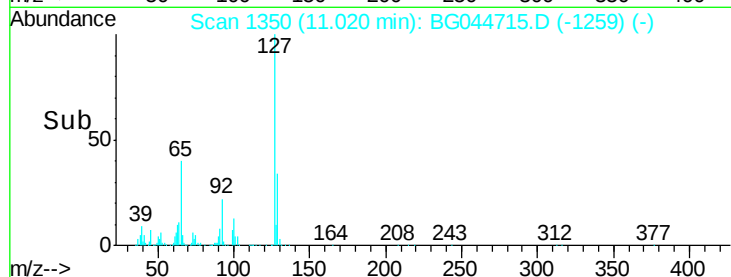
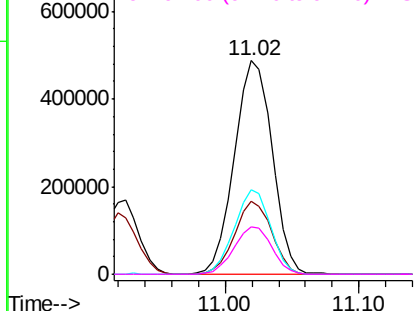
#33  
4-Chloroaniline  
Concen: 91.457 ng  
RT: 11.02 min Scan# 1350  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 957970 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 34.0  | 26.2  | 39.4   |
| 65       | 39.6  | 29.6  | 44.4   |
| 92       | 22.0  | 17.4  | 26.0   |

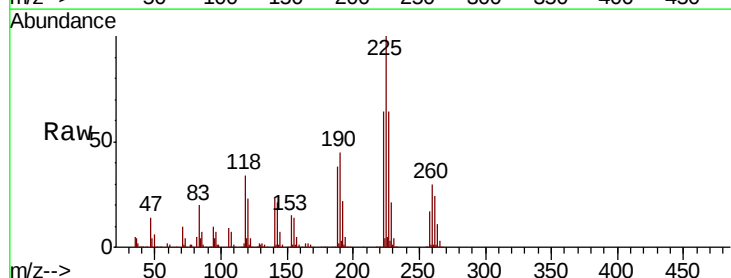


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

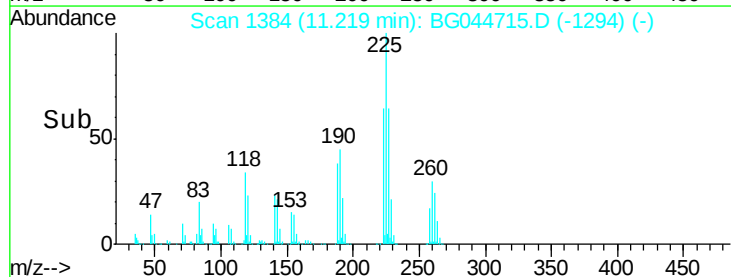
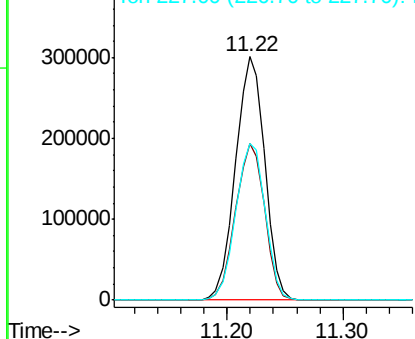


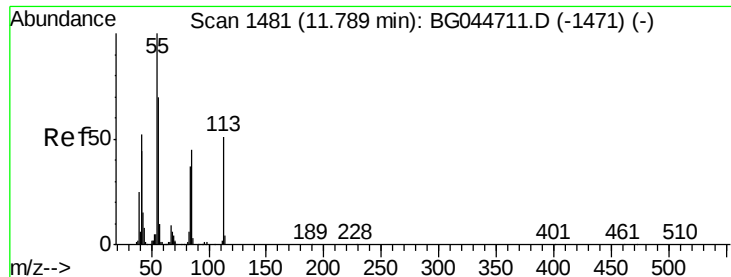
#34  
Hexachlorobutadiene  
Concen: 94.942 ng  
RT: 11.22 min Scan# 1384  
Delta R.T. -0.00 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 527927 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.2  | 50.6  | 76.0   |
| 227      | 64.3  | 51.6  | 77.4   |



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: 73.913 ng

RT: 11.82 min Scan# 1487

Delta R.T. 0.04 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampleId :

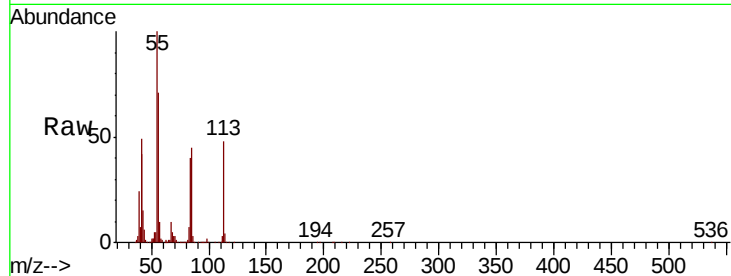
Tot Ion:113 Resp: 216179

Ion Ratio Lower Upper

113 100

55 207.5 178.4 218.4

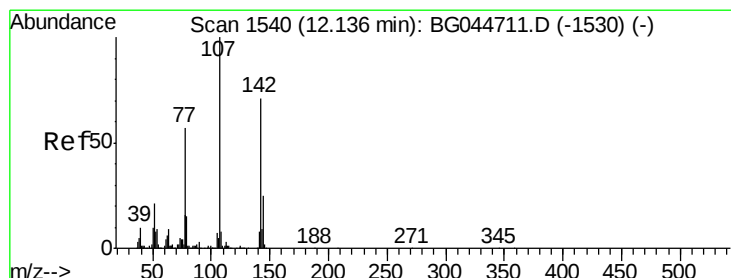
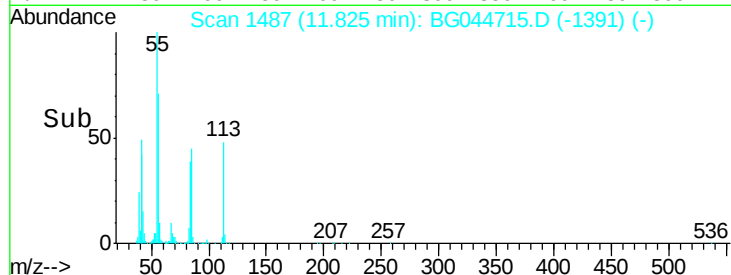
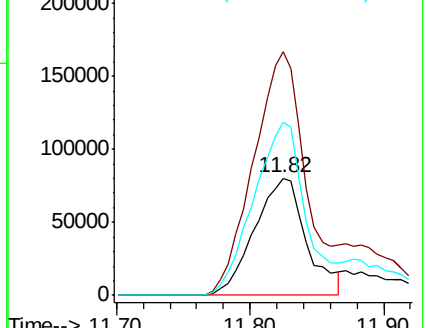
56 147.9 117.7 157.7



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: 88.866 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

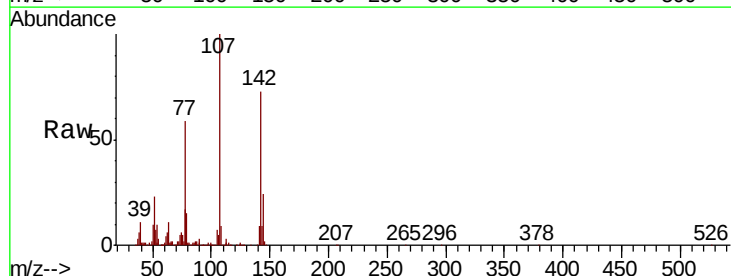
Tgt Ion:107 Resp: 788512

Ion Ratio Lower Upper

107 100

144 24.0 19.6 29.4

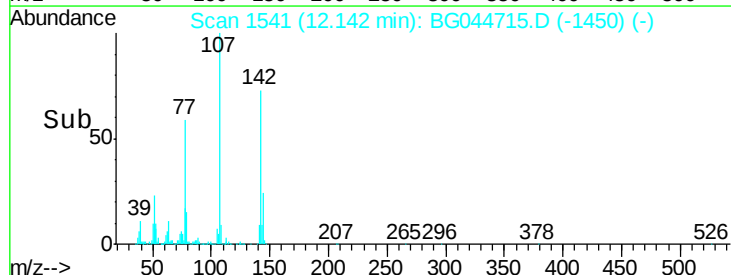
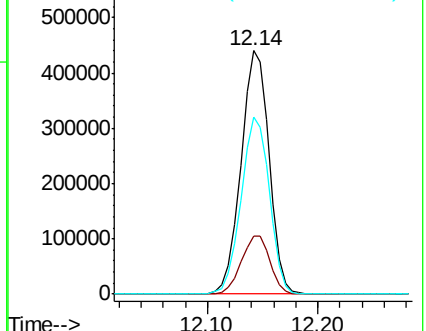
142 72.8 56.5 84.7

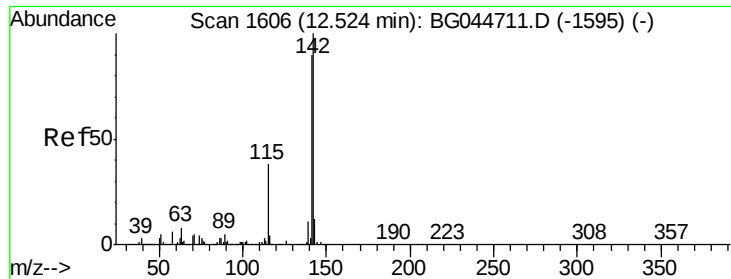


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



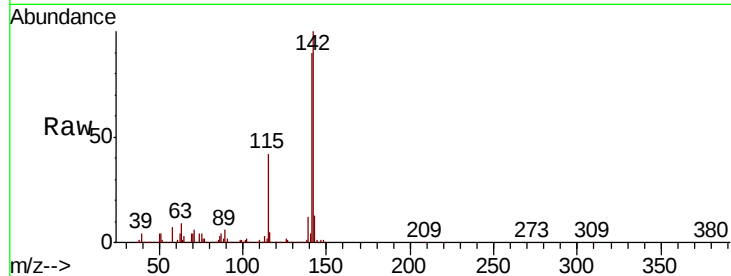


#37  
 2-Methylnaphthalene  
 Concen: 90.556 ng  
 RT: 12.52 min Scan# 1606  
 Delta R.T. -0.00 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

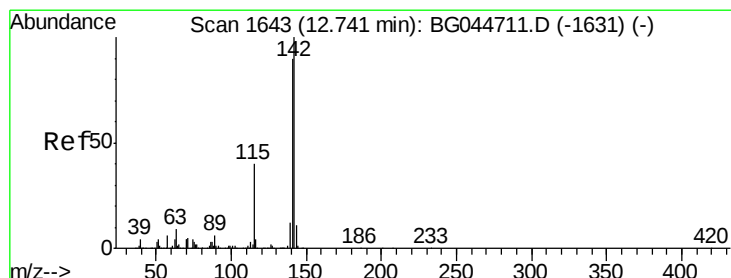
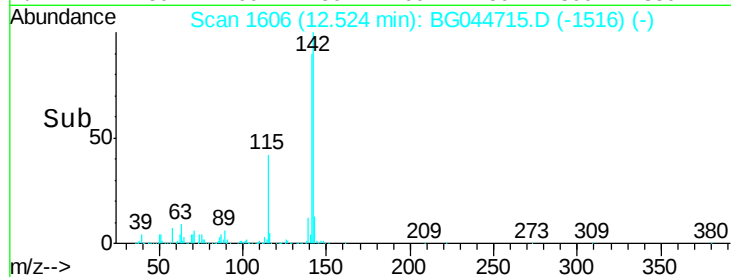
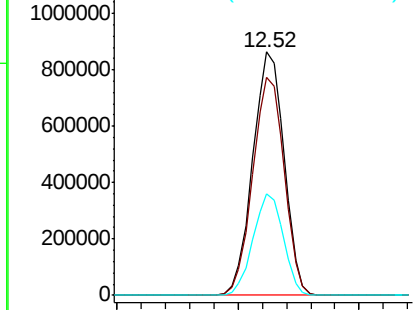
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:142 Resp: 1554092  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 89.6  | 72.3  | 108.5 |
| 115 | 42.0  | 30.6  | 45.8  |



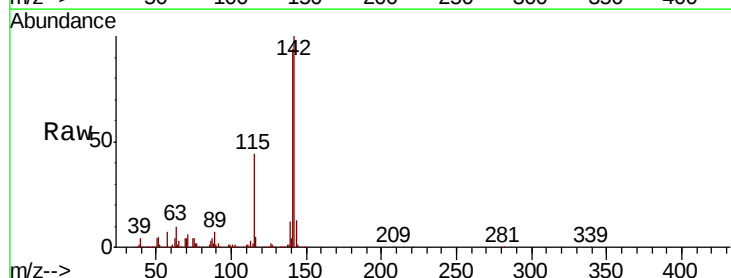
Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E



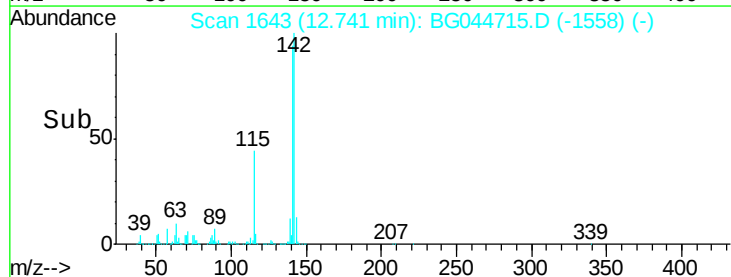
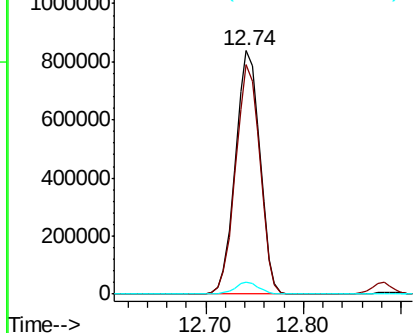
#38  
 1-Methylnaphthalene  
 Concen: 90.108 ng  
 RT: 12.74 min Scan# 1643  
 Delta R.T. -0.00 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

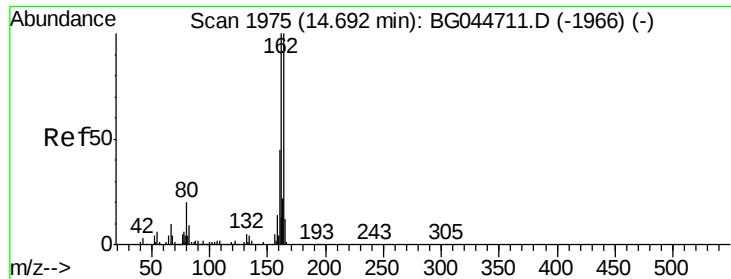
Tgt Ion:142 Resp: 1461876  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 94.3  | 72.2  | 108.2 |
| 116 | 4.9   | 3.5   | 5.3   |



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 116.00 (115.70 to 116.70): E

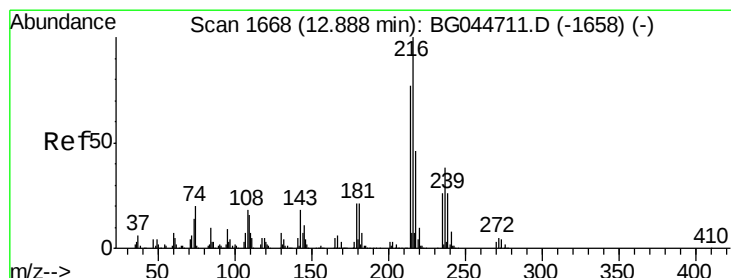
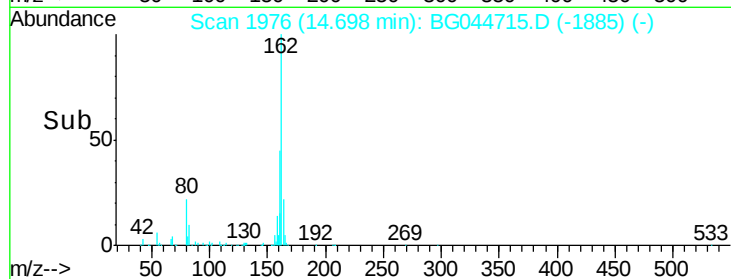
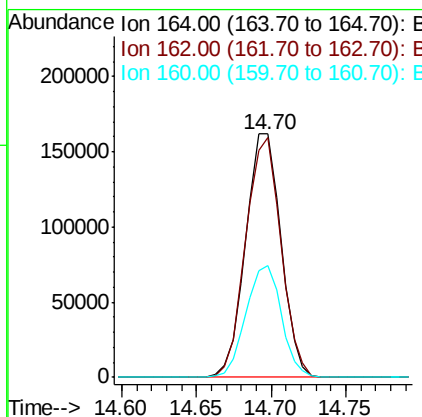
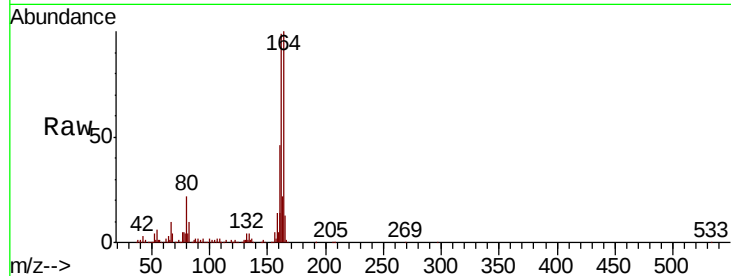




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.70 min Scan# 1976  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

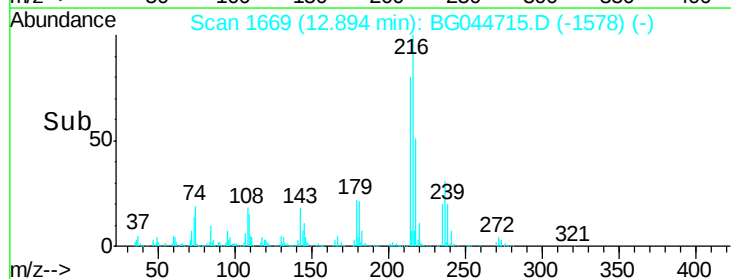
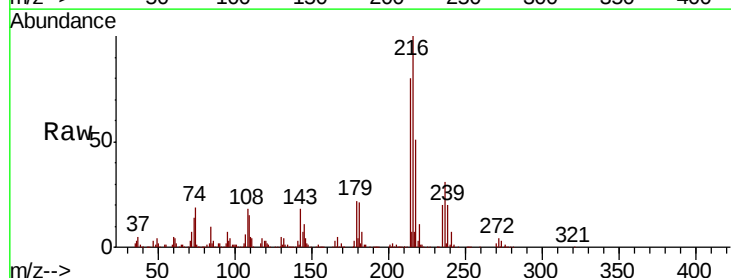
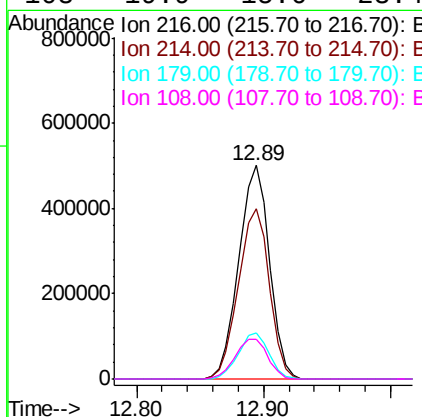
Instrument :  
BNA\_G  
ClientSampleId :

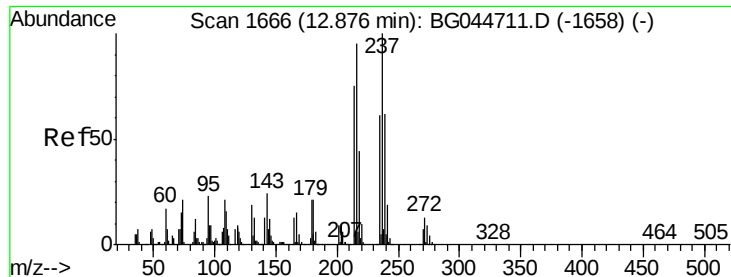
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 98.7  | 80.2  | 120.4 |
| 160     | 45.8  | 36.2  | 54.2  |



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 97.629 ng  
RT: 12.89 min Scan# 1669  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 80.5  | 63.0  | 94.4  |
| 179     | 21.5  | 16.6  | 24.8  |
| 108     | 19.9  | 15.6  | 23.4  |





#41

Hexachlorocyclopentadiene

Concen: 100.851 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampleId :

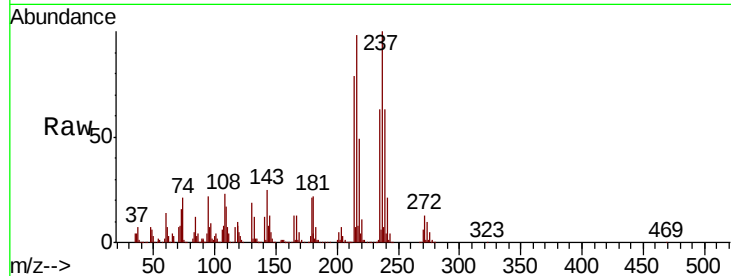
Tot Ion:237 Resp: 506659

Ion Ratio Lower Upper

237 100

235 62.5 40.6 80.6

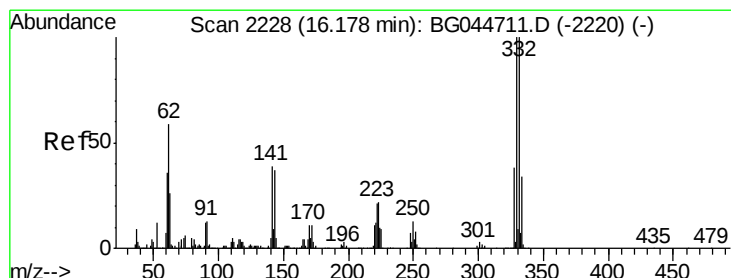
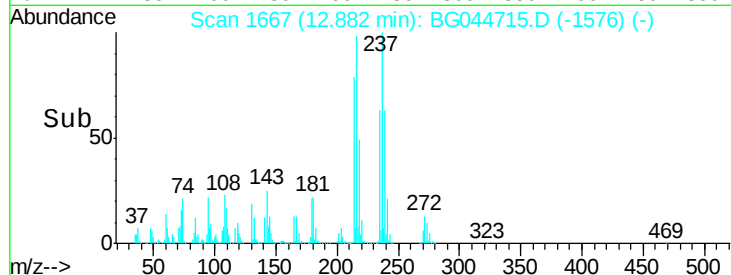
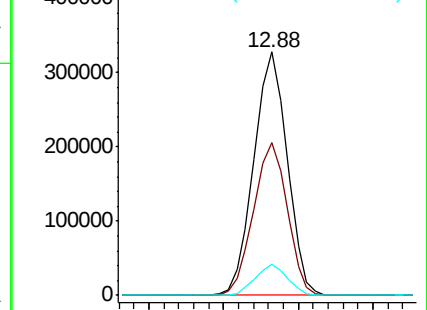
272 12.6 0.0 32.5



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: 194.237 ng

RT: 16.18 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

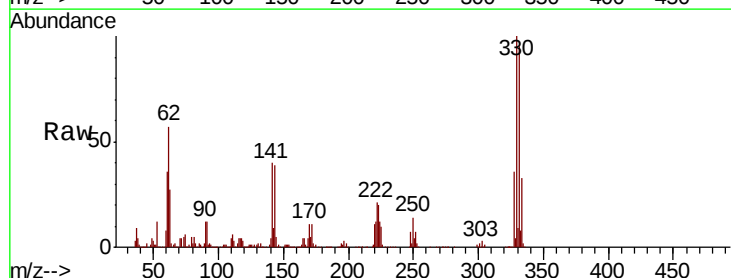
Tgt Ion:330 Resp: 706117

Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

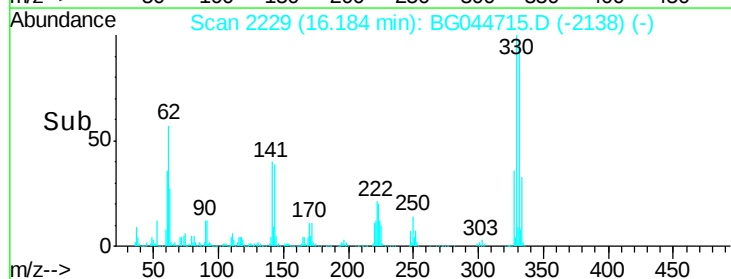
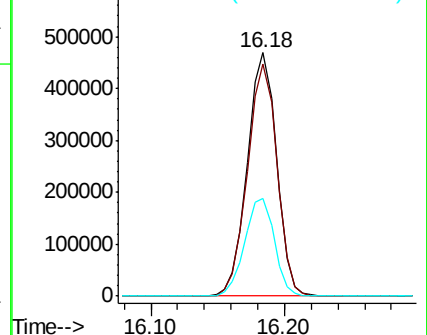
141 40.9 31.7 47.5

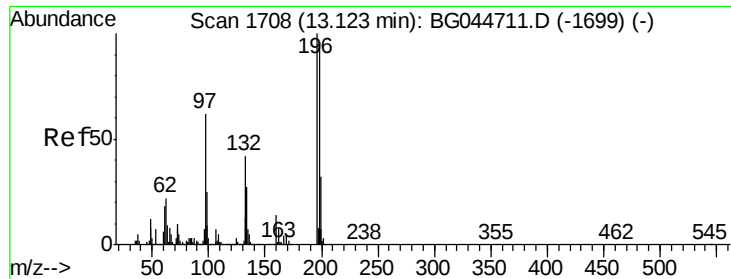


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

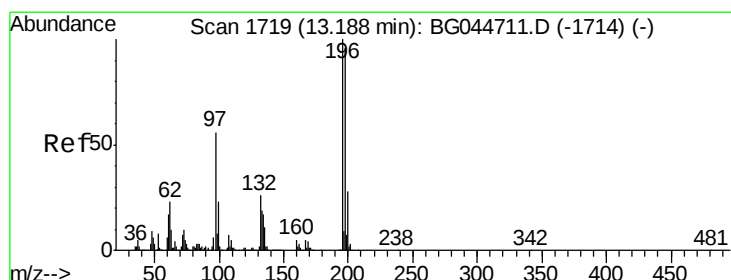
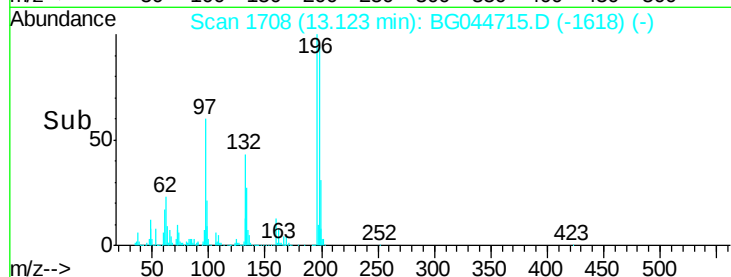
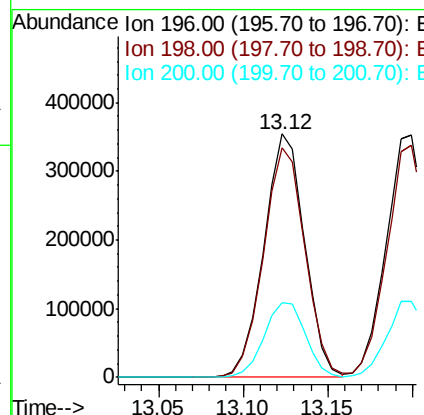
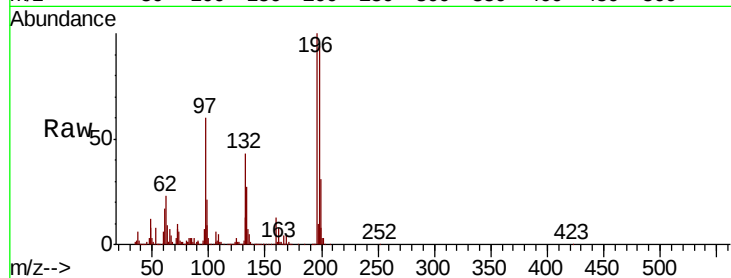




#43  
 2,4,6-Trichlorophenol  
 Concen: 98.822 ng  
 RT: 13.12 min Scan# 1708  
 Delta R.T. -0.00 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

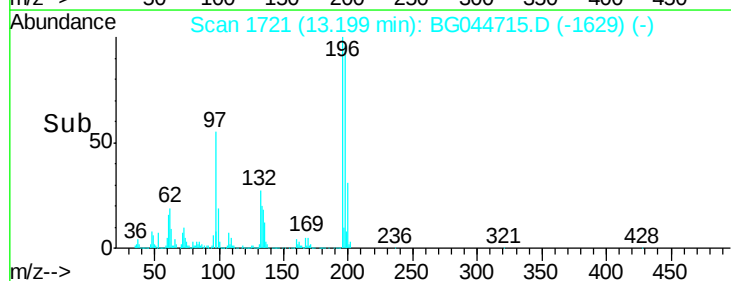
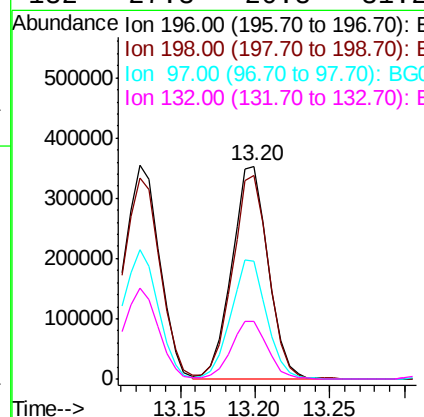
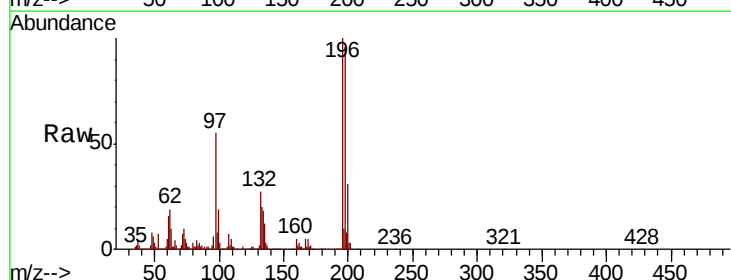
Instrument :  
 BNA\_G  
 ClientSampleId :

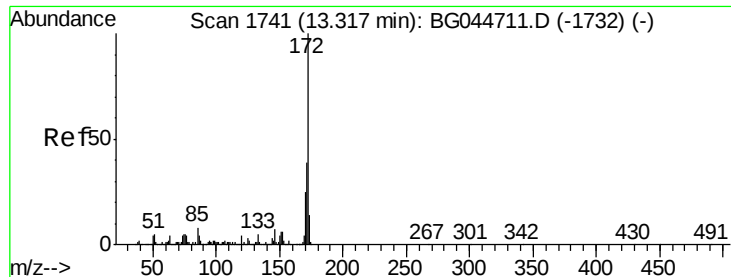
Tot Ion:196 Resp: 588574  
 Ion Ratio Lower Upper  
 196 100  
 198 94.2 76.5 114.7  
 200 30.6 25.9 38.9



#44  
 2,4,5-Trichlorophenol  
 Concen: 97.972 ng  
 RT: 13.20 min Scan# 1721  
 Delta R.T. 0.01 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

Tgt Ion:196 Resp: 598419  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 77.3 115.9  
 97 55.2 44.9 67.3  
 132 27.3 20.8 31.2

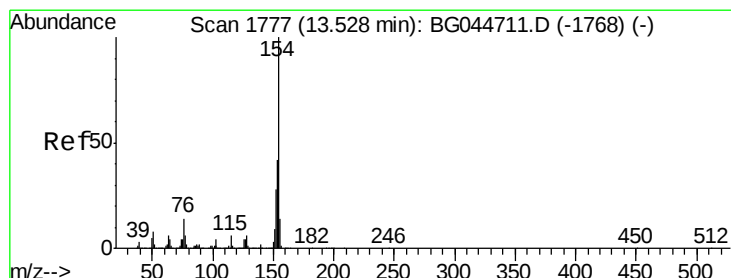
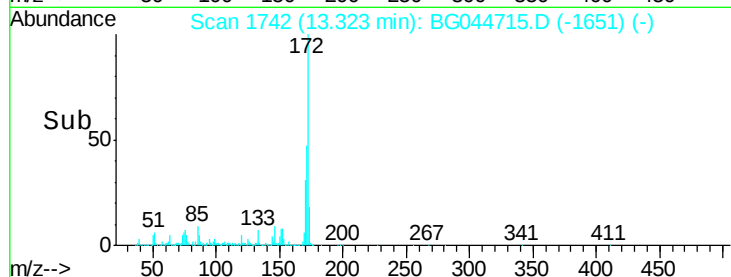
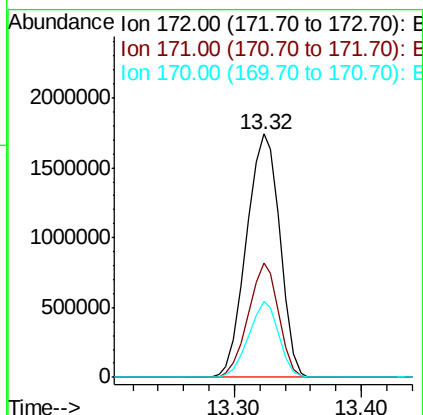
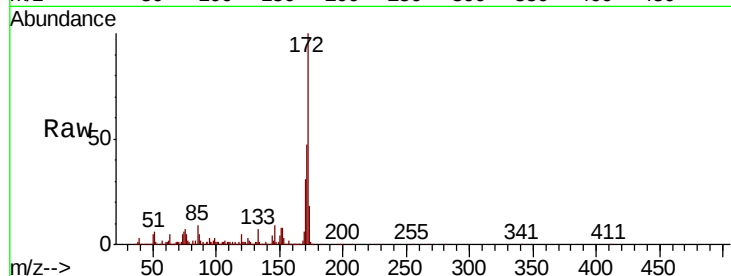




#45  
2-Fluorobiphenyl  
Concen: 167.642 ng  
RT: 13.32 min Scan# 1742  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

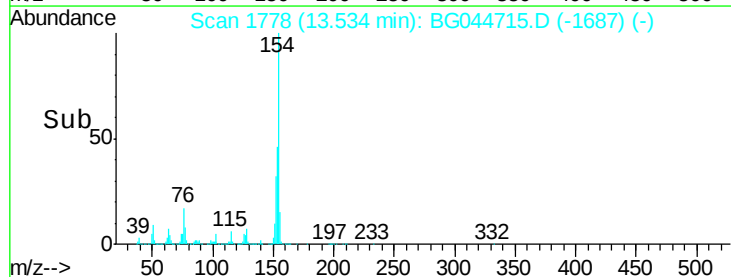
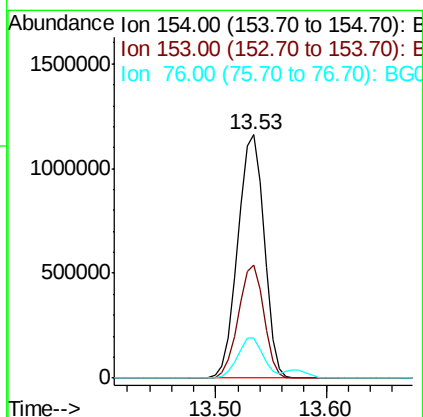
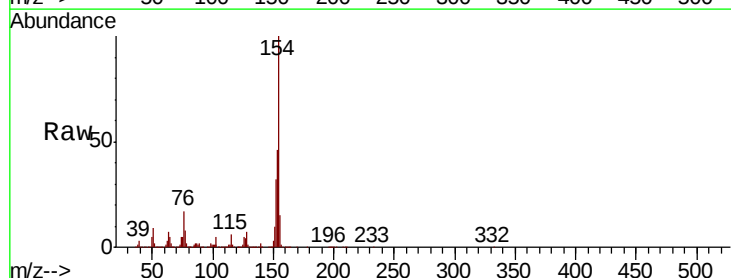
Instrument :  
BNA\_G  
ClientSampleId :

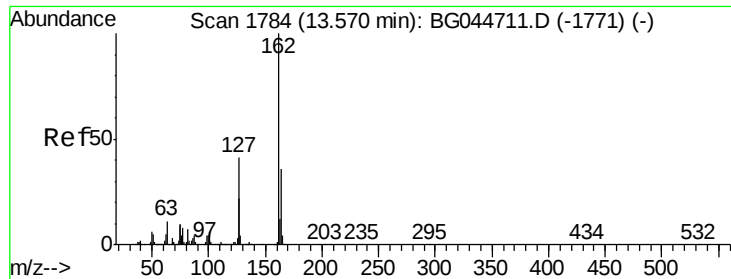
Tot Ion:172 Resp: 3184870  
Ion Ratio Lower Upper  
172 100  
171 47.0 30.8 46.2#  
170 31.4 20.0 30.0#



#46  
1,1'-Biphenyl  
Concen: 92.812 ng  
RT: 13.53 min Scan# 1778  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

Tgt Ion:154 Resp: 1953594  
Ion Ratio Lower Upper  
154 100  
153 46.2 22.0 62.0  
76 16.6 0.0 34.2

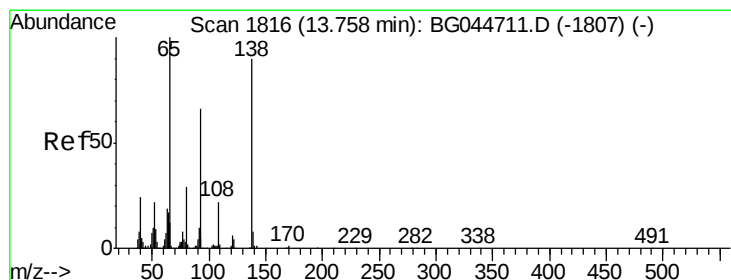
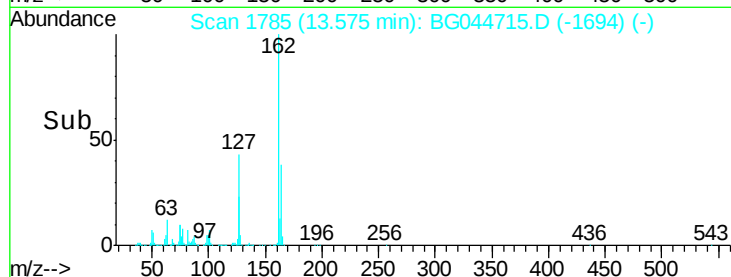
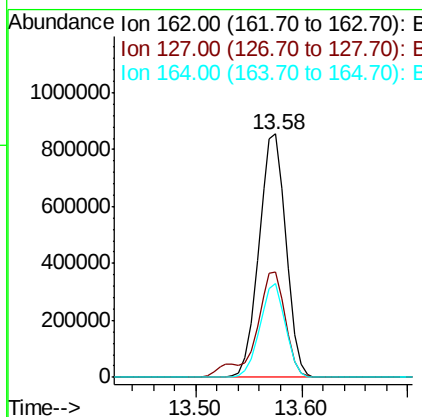
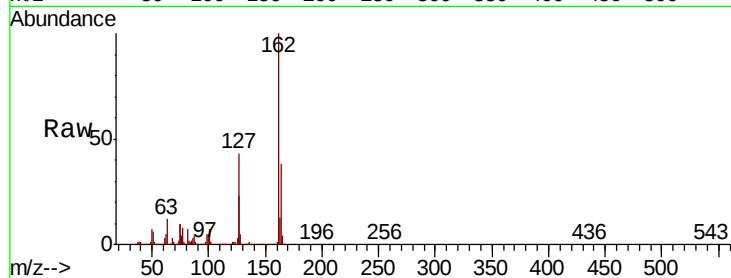




#47  
 2-Chloronaphthalene  
 Concen: 94.567 ng  
 RT: 13.58 min Scan# 1785  
 Delta R.T. 0.01 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

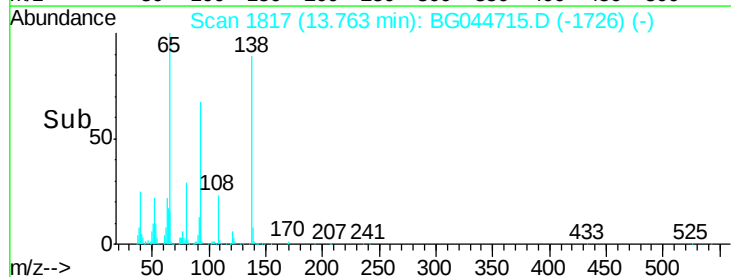
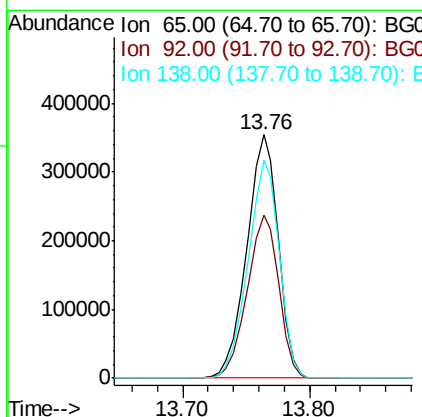
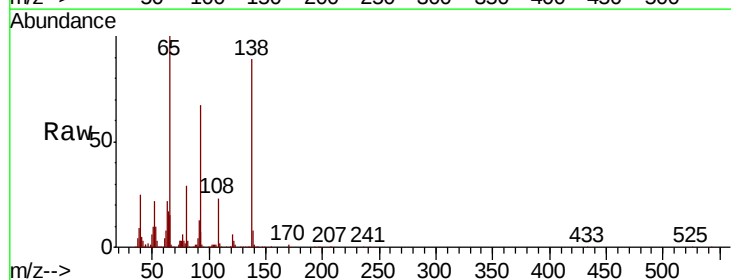
Instrument :  
 BNA\_G  
 ClientSampled :

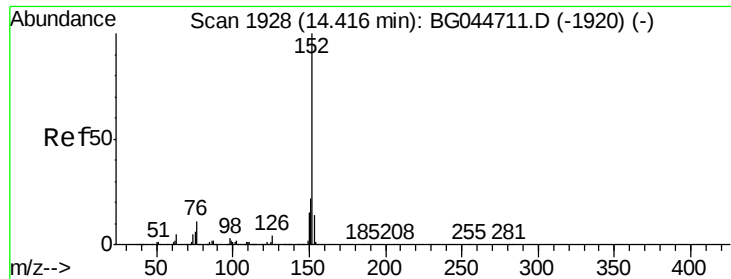
Tot Ion:162 Resp: 1518355  
 Ion Ratio Lower Upper  
 162 100  
 127 43.1 32.6 48.8  
 164 38.3 29.0 43.4



#48  
 2-Nitroaniline  
 Concen: 113.072 ng  
 RT: 13.76 min Scan# 1817  
 Delta R.T. 0.01 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

Tgt Ion: 65 Resp: 612293  
 Ion Ratio Lower Upper  
 65 100  
 92 66.8 52.6 79.0  
 138 89.4 71.8 107.6





#49

Acenaphthylene

Concen: 89.544 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

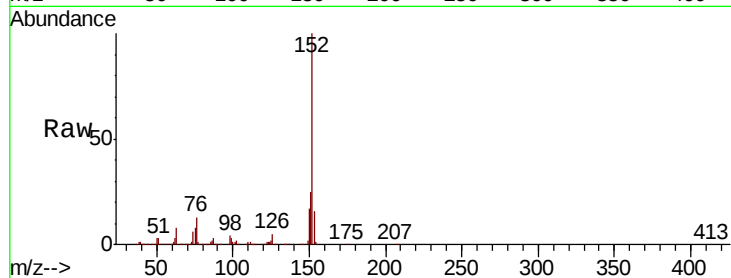
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:152 Resp: 2303387

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 24.8  | 17.8  | 26.8  |
| 153 | 15.8  | 11.4  | 17.0  |

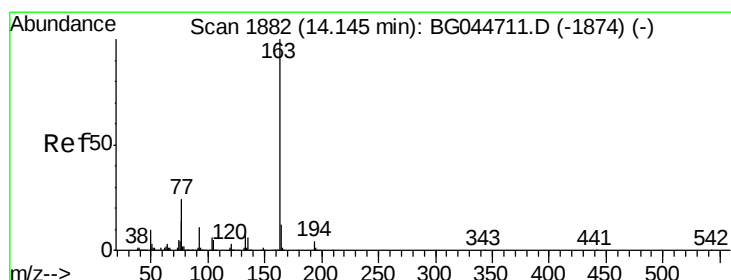
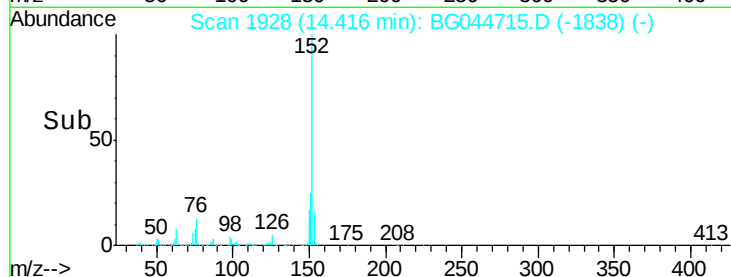
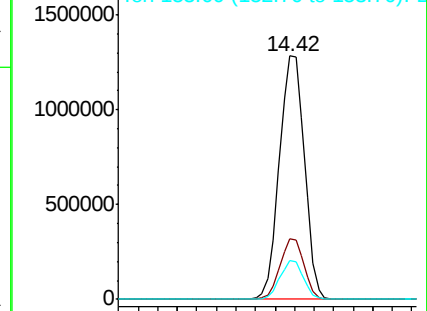


Abundance

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: 88.412 ng

RT: 14.16 min Scan# 1884

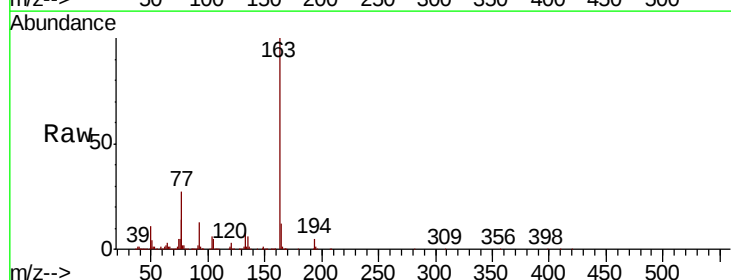
Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Tgt Ion:163 Resp: 1945201

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.7   | 3.5   | 5.3   |
| 164 | 12.2  | 9.2   | 13.8  |

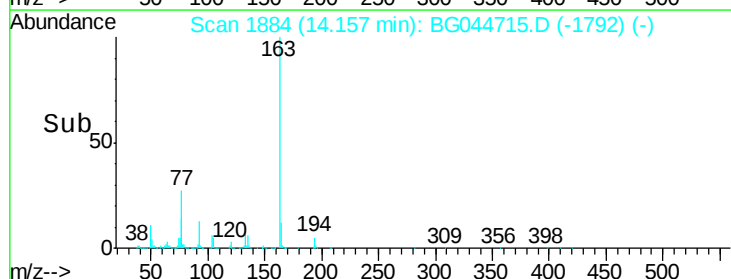
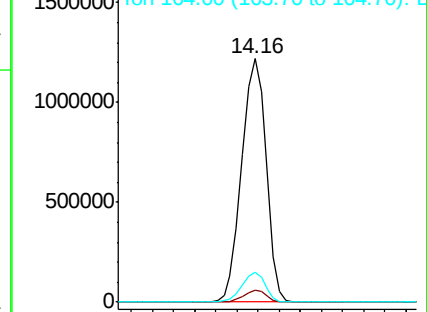


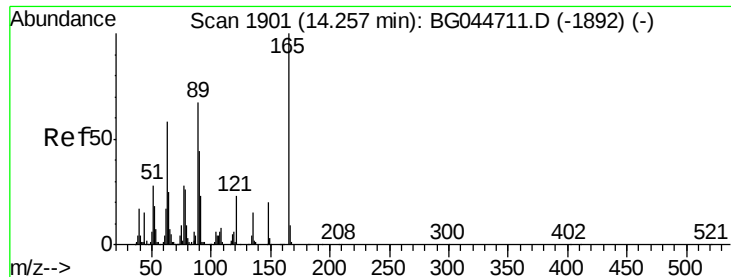
Abundance

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

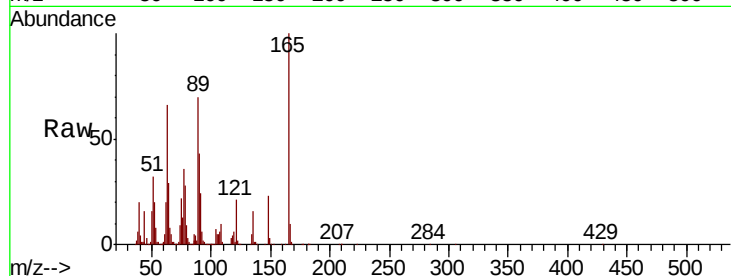




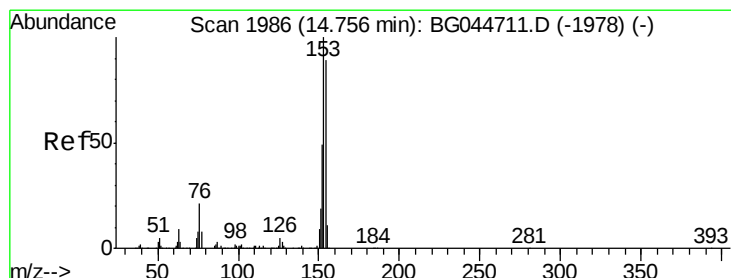
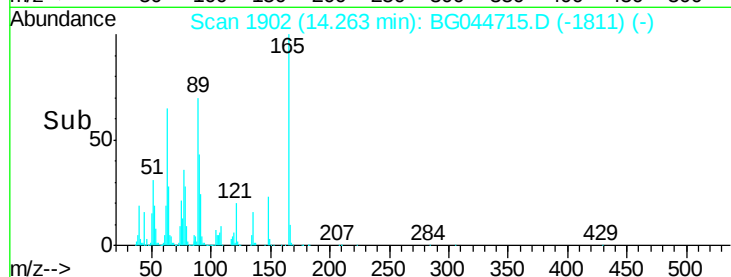
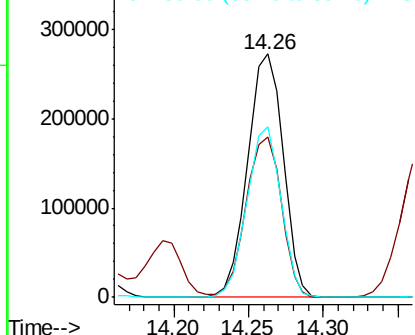
#51  
2,6-Dinitrotoluene  
Concen: 113.782 ng  
RT: 14.26 min Scan# 1902  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:165 Resp: 449829  
Ion Ratio Lower Upper  
165 100  
63 66.0 48.9 73.3  
89 70.2 53.8 80.8

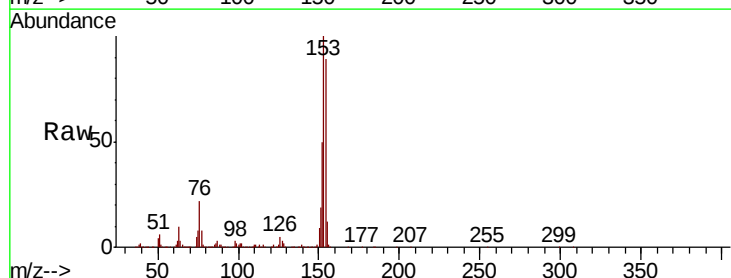


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC

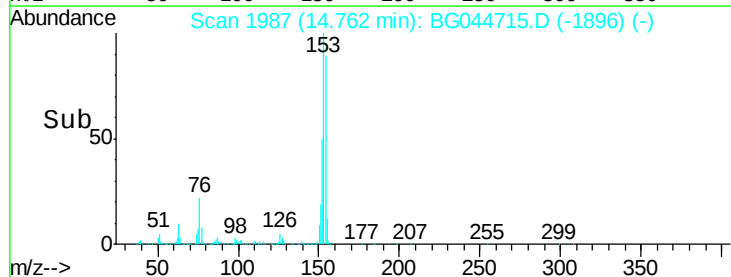
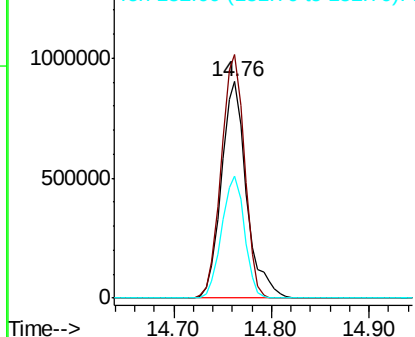


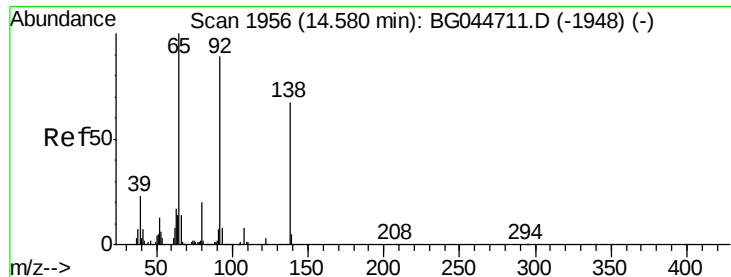
#52  
Acenaphthene  
Concen: 96.563 ng  
RT: 14.76 min Scan# 1987  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

Tgt Ion:154 Resp: 1606118  
Ion Ratio Lower Upper  
154 100  
153 112.6 89.8 134.8  
152 56.6 44.4 66.6



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 110.072 ng

RT: 14.59 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampled :

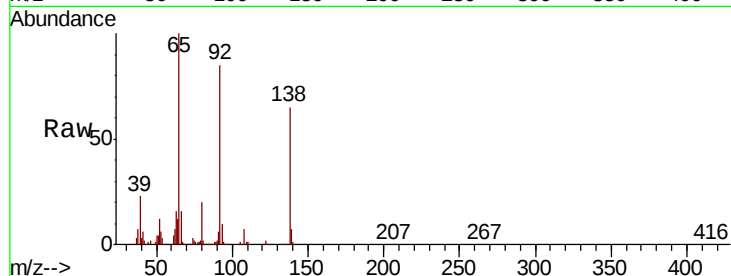
Tot Ion:138 Resp: 501493

Ion Ratio Lower Upper

138 100

108 11.5 9.2 13.8

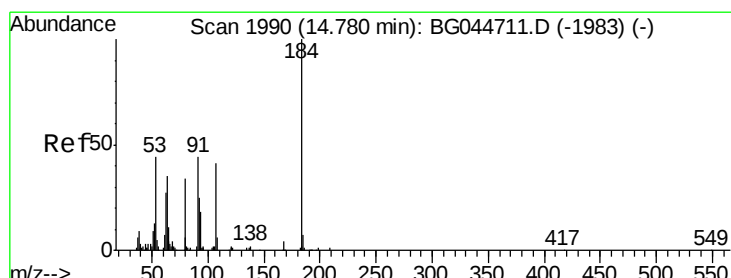
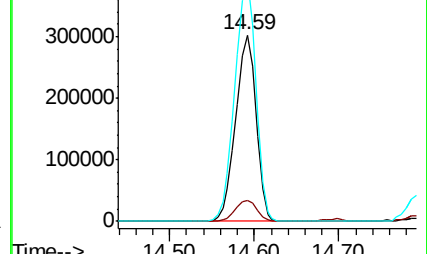
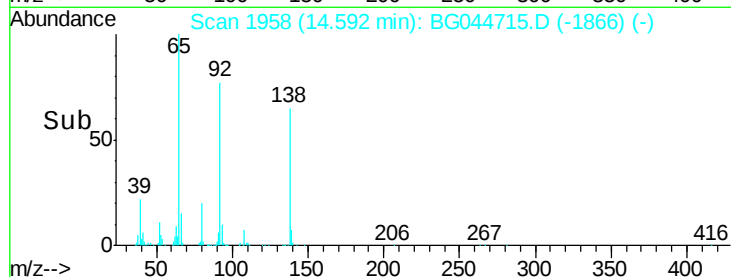
92 130.8 105.6 158.4



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: 126.731 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

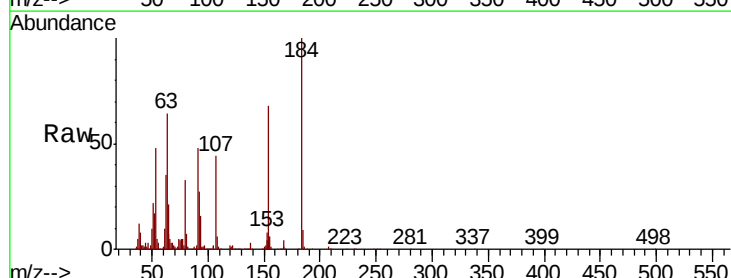
Tgt Ion:184 Resp: 232623

Ion Ratio Lower Upper

184 100

63 64.2 49.0 73.6

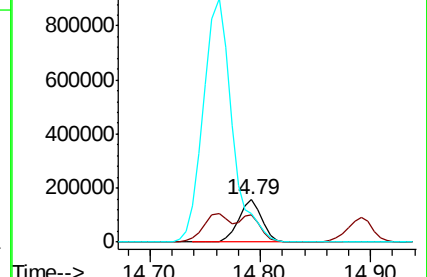
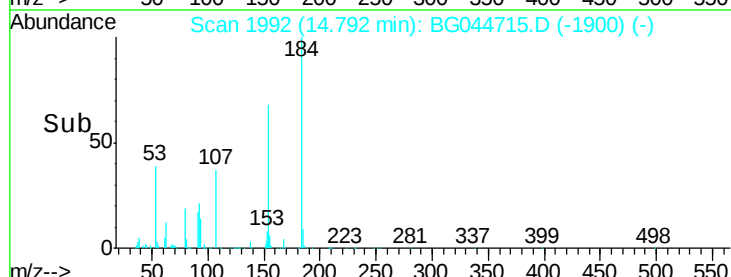
154 68.2 94.5 141.7#

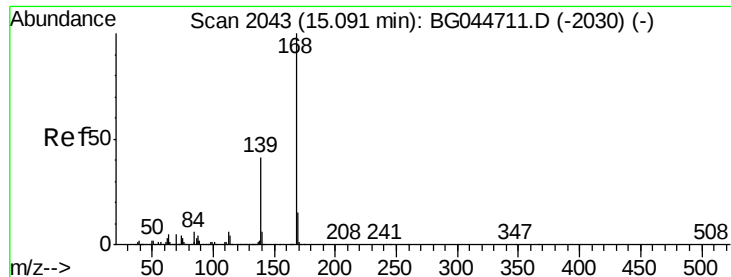


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 87.792 ng

RT: 15.10 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

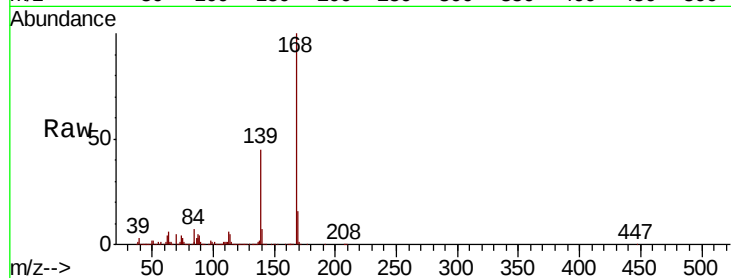
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:168 Resp: 2188018

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 44.8  | 32.6  | 49.0  |
| 169 | 15.7  | 11.8  | 17.6  |

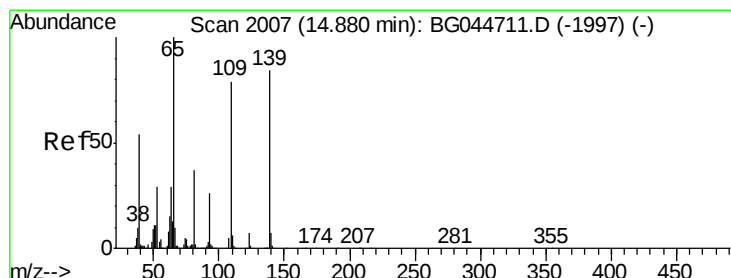
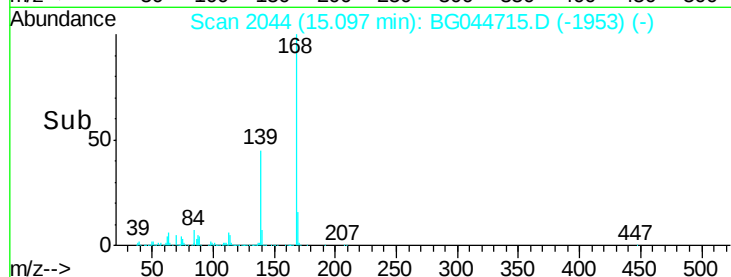
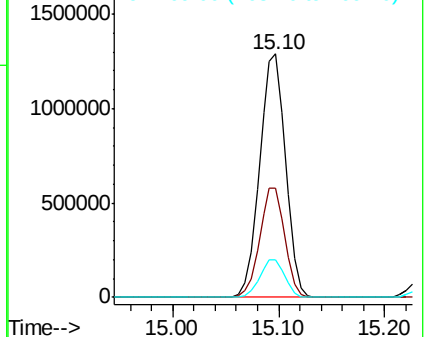


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 111.077 ng

RT: 14.89 min Scan# 2009

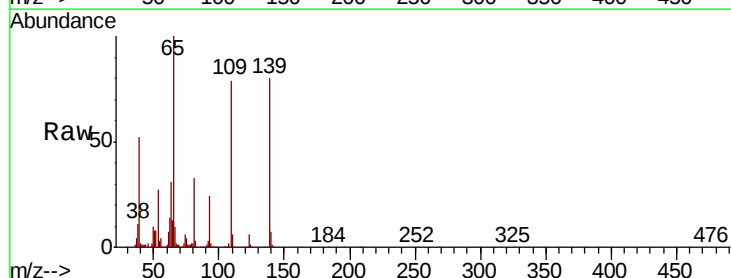
Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Tgt Ion:139 Resp: 393759

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 98.1  | 74.1  | 114.1 |
| 65  | 124.9 | 98.6  | 138.6 |

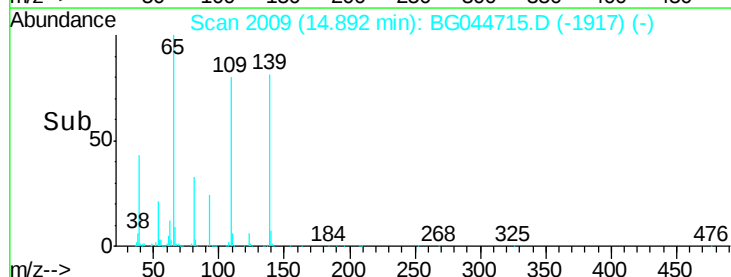
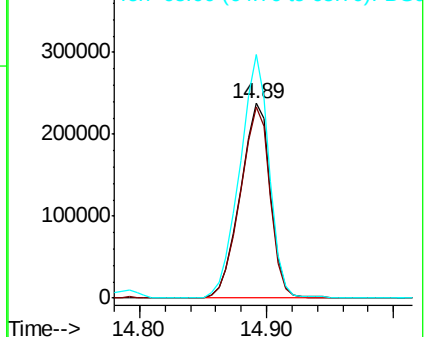


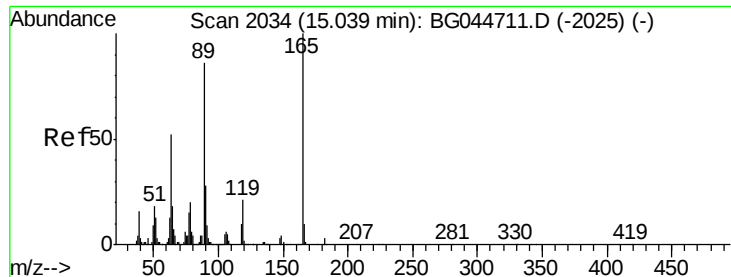
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

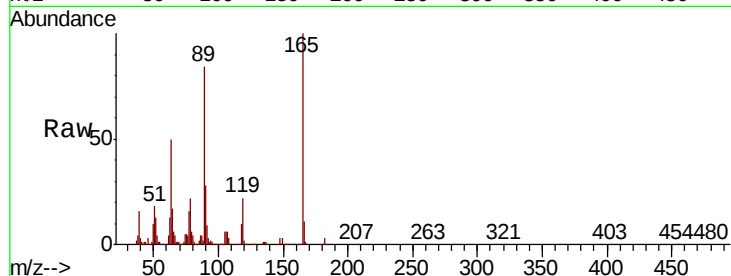




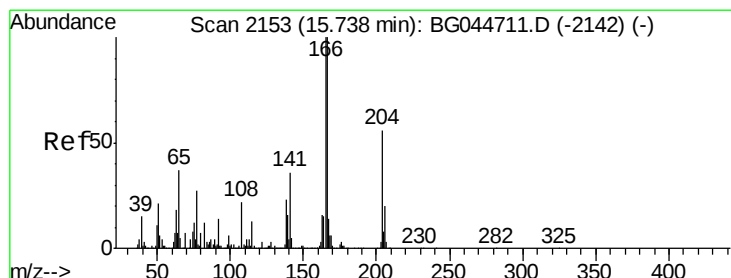
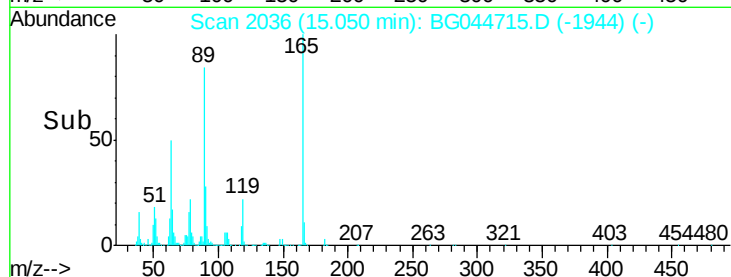
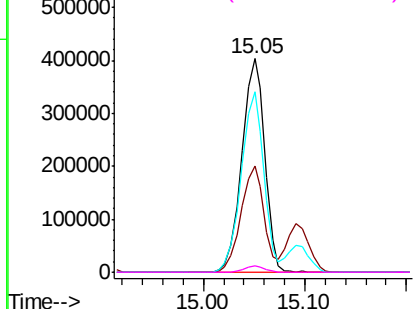
#57  
 2,4-Dinitrotoluene  
 Concen: 119.091 ng  
 RT: 15.05 min Scan# 2036  
 Delta R.T. 0.01 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:165 Resp: 629100  
 Ion Ratio Lower Upper  
 165 100  
 63 49.9 41.5 62.3  
 89 84.5 69.0 103.4  
 182 2.9 2.7 4.1

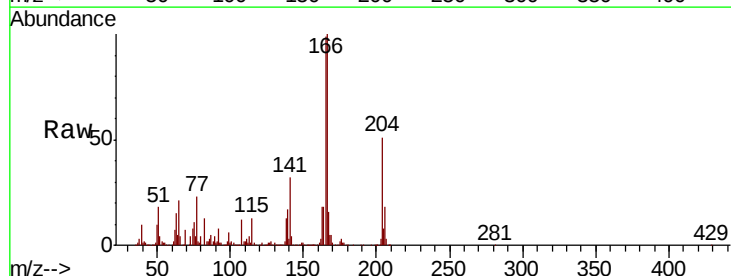


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 89.00 (88.70 to 89.70): BGC  
 Ion 182.00 (181.70 to 182.70): E

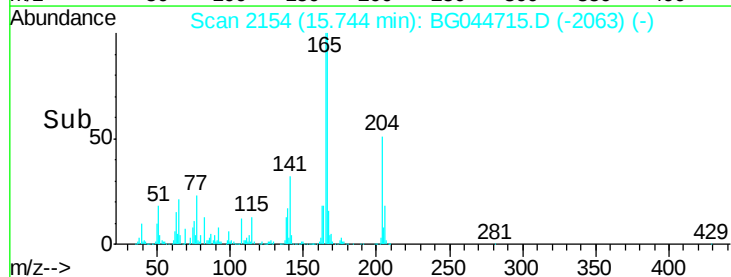
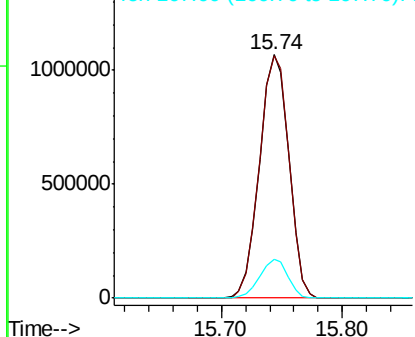


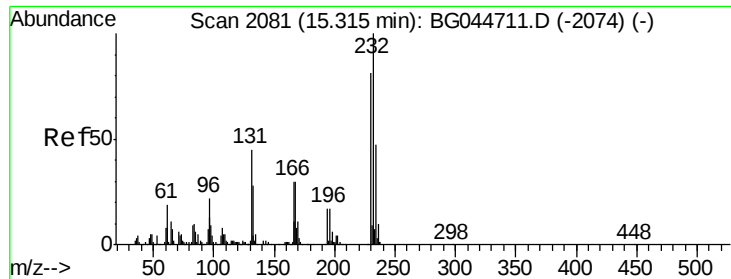
#58  
 Fluorene  
 Concen: 87.217 ng  
 RT: 15.74 min Scan# 2154  
 Delta R.T. 0.01 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

Tgt Ion:166 Resp: 1797855  
 Ion Ratio Lower Upper  
 166 100  
 165 99.5 79.6 119.4  
 167 16.2 11.4 17.2



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

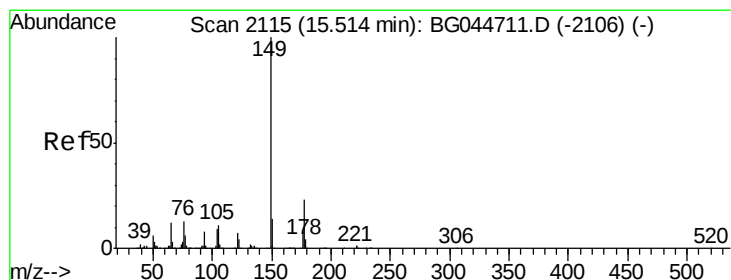
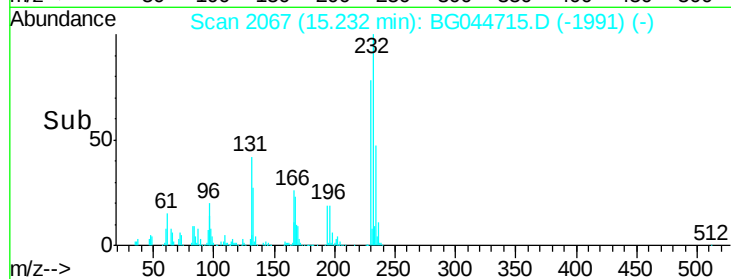
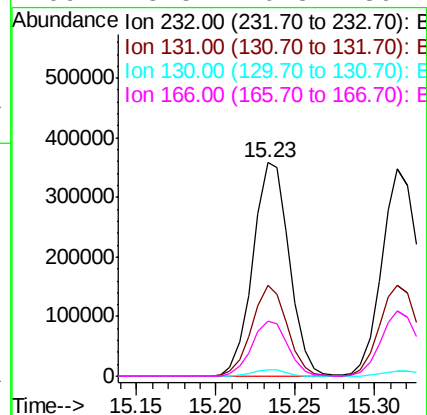
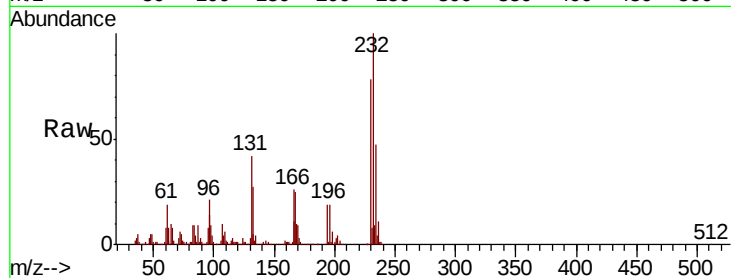




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 98.898 ng  
 RT: 15.23 min Scan# 2067  
 Delta R.T. -0.08 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

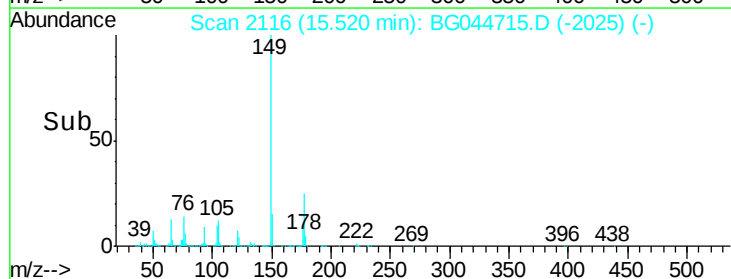
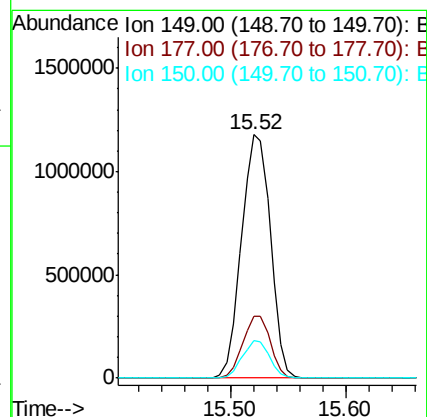
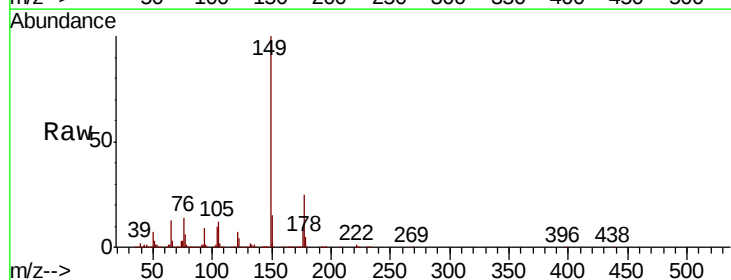
Instrument :  
 BNA\_G  
 ClientSampleId :

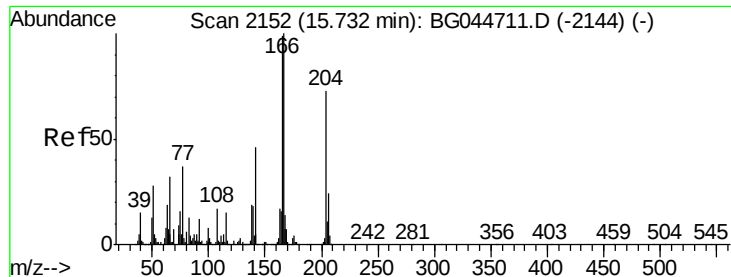
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:232 | Resp: | 574931 |  |
| Ion Ratio   | Lower | Upper  |  |
| 232 100     |       |        |  |
| 131 41.1    | 32.4  | 48.6   |  |
| 130 2.8     | 2.0   | 3.0    |  |
| 166 25.5    | 20.5  | 30.7   |  |



#60  
 Diethylphthalate  
 Concen: 86.975 ng  
 RT: 15.52 min Scan# 2116  
 Delta R.T. 0.01 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

|         |      |             |               |
|---------|------|-------------|---------------|
| Tgt Ion | 149  | Resp: Lower | 2045858 Upper |
| 149     | 100  |             |               |
| 177     | 25.4 | 18.8        | 28.2          |
| 150     | 15.4 | 11.2        | 16.8          |

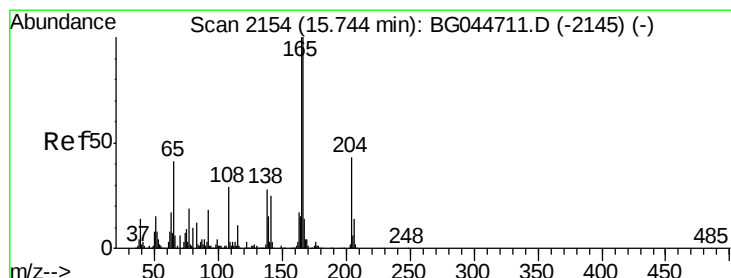
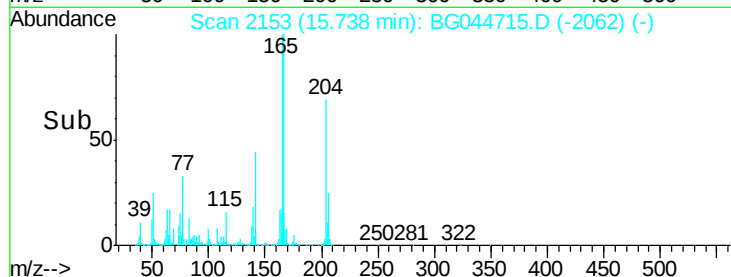
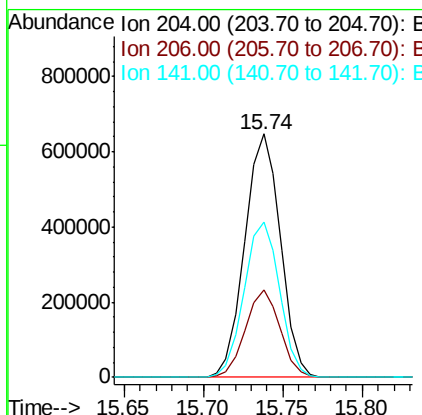
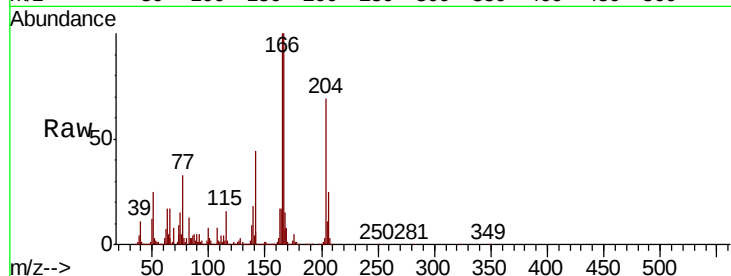




#61  
4-Chlorophenyl-phenylether  
Concen: 90.284 ng  
RT: 15.74 min Scan# 2153  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

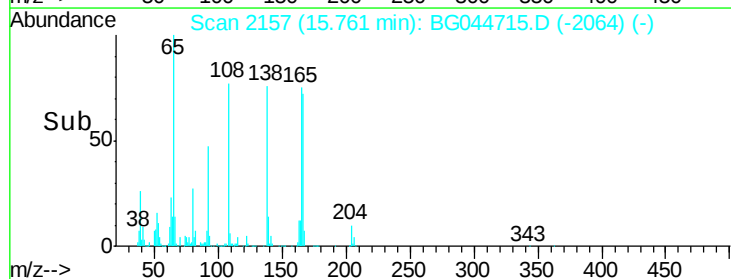
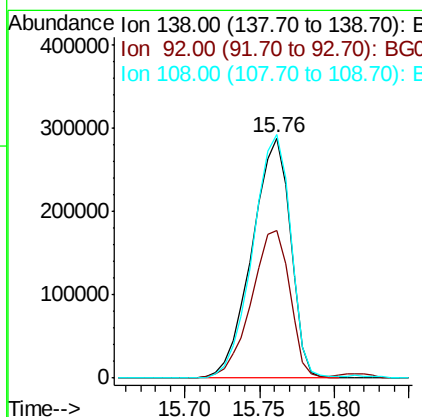
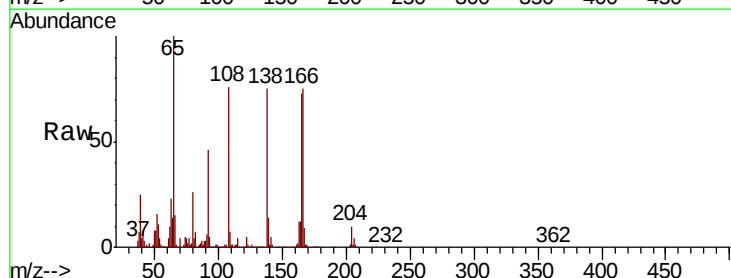
Instrument :  
BNA\_G  
ClientSampleId :

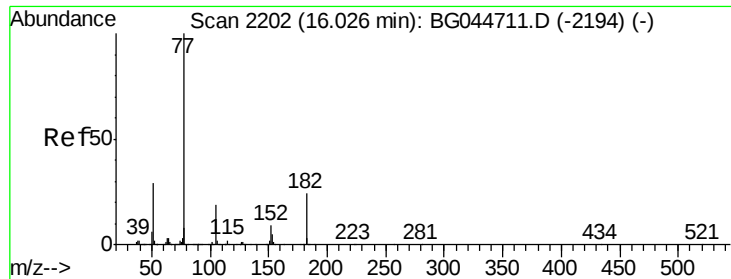
Tot Ion:204 Resp: 1009866  
Ion Ratio Lower Upper  
204 100  
206 35.8 25.8 38.6  
141 63.7 50.8 76.2



#62  
4-Nitroaniline  
Concen: 102.848 ng  
RT: 15.76 min Scan# 2157  
Delta R.T. 0.02 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

Tgt Ion:138 Resp: 516112  
Ion Ratio Lower Upper  
138 100  
92 61.6 42.1 82.1  
108 101.5 81.2 121.2





#63

Azobenzene

Concen: 84.255 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

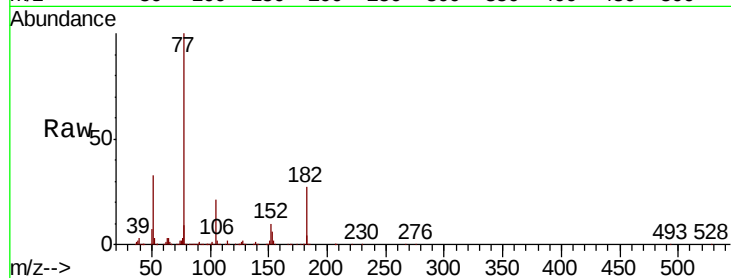
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 2074037

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.7  | 3.6   | 43.6  |
| 105 | 21.2  | 0.0   | 39.3  |
| 51  | 32.6  | 8.7   | 48.7  |

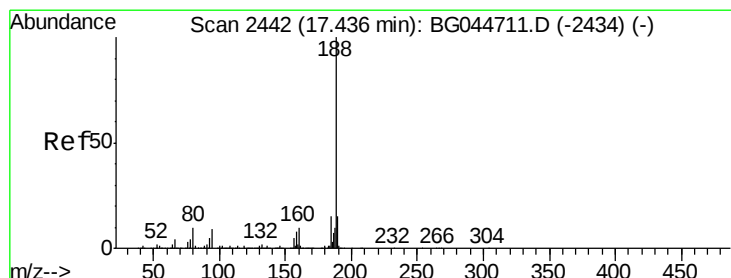
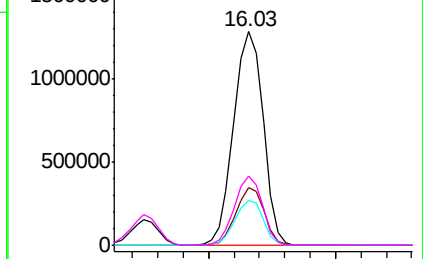
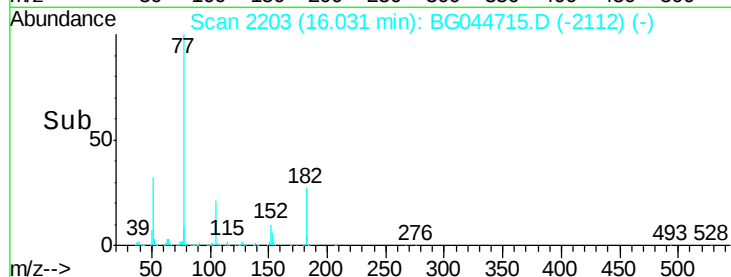


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

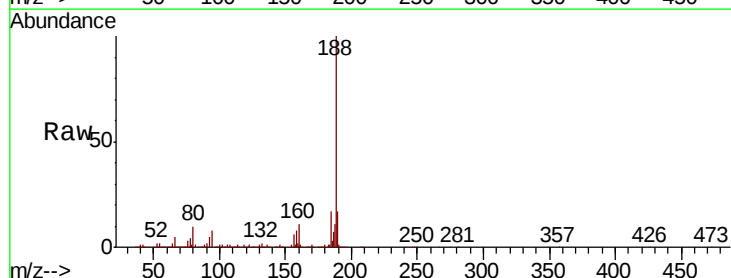
Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Tgt Ion: 188 Resp: 590065

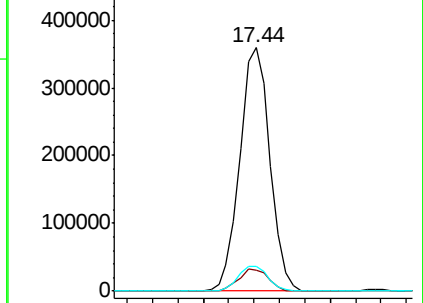
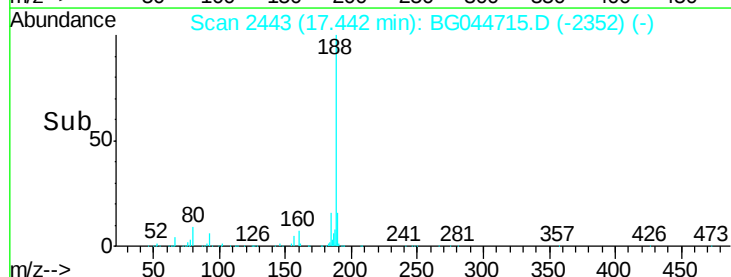
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.4   | 7.0   | 10.6  |
| 80  | 10.2  | 8.4   | 12.6  |

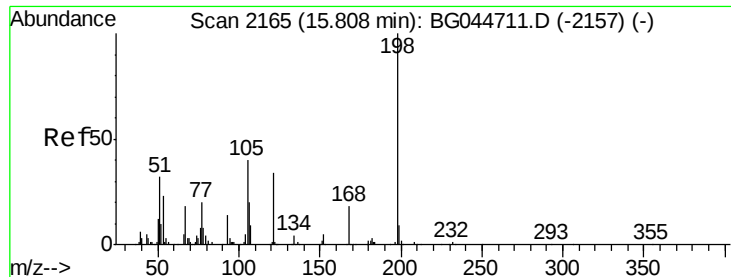


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 128.740 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

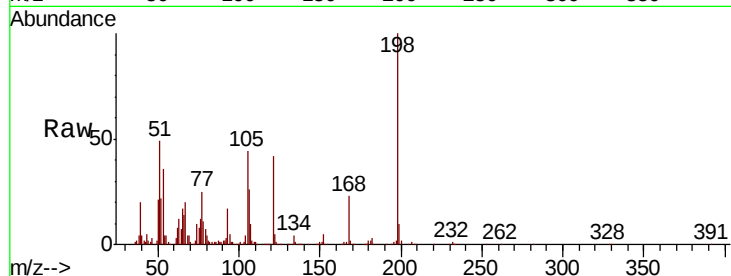
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:198 Resp: 310344

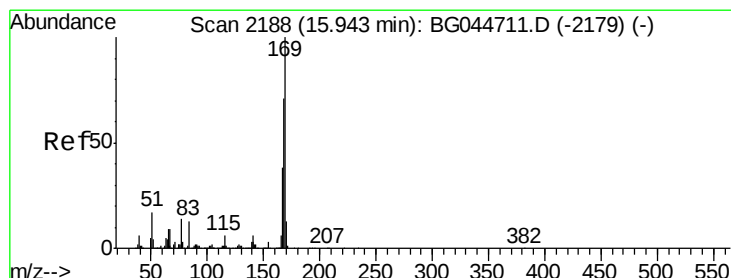
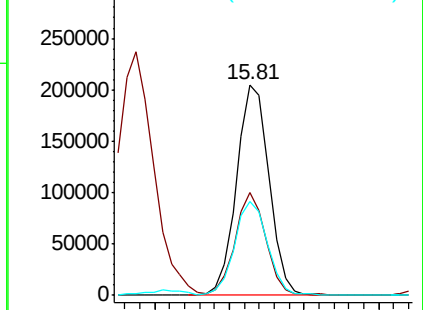
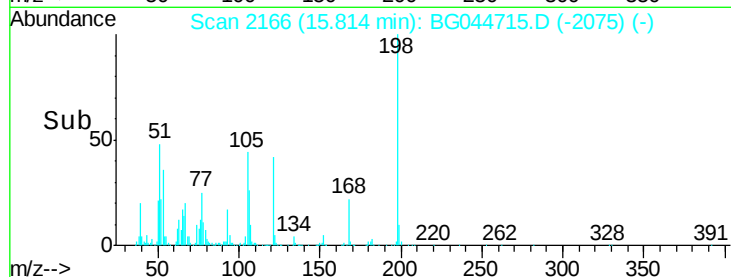
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 48.5  | 20.1  | 60.1  |
| 105 | 44.5  | 21.3  | 61.3  |



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 91.369 ng

RT: 15.95 min Scan# 2189

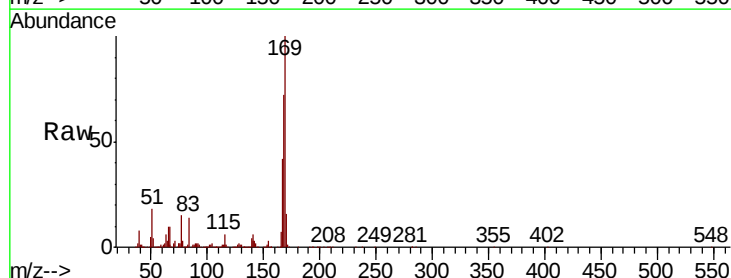
Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Tgt Ion:169 Resp: 1648412

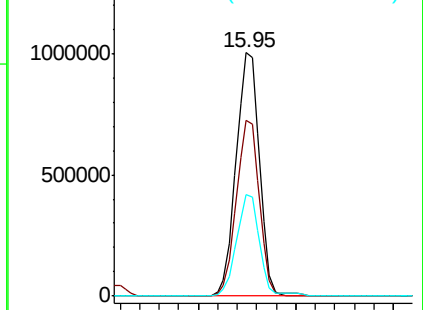
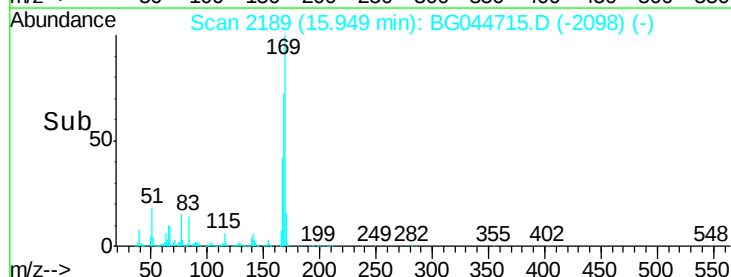
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 72.3  | 56.6  | 85.0  |
| 167 | 41.6  | 30.1  | 45.1  |

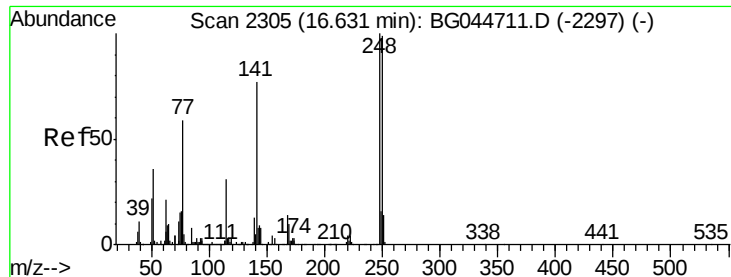


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

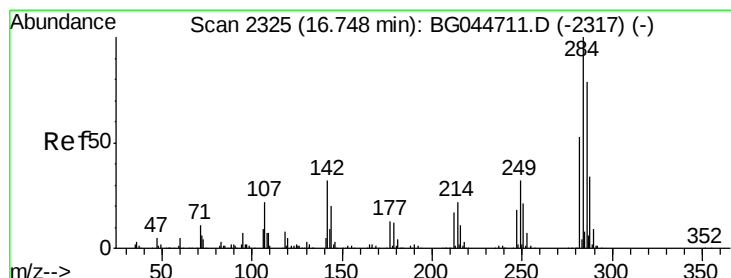
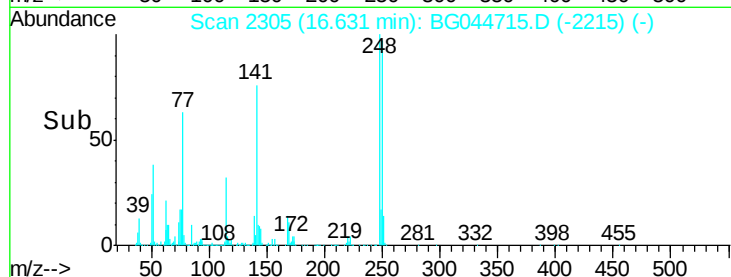
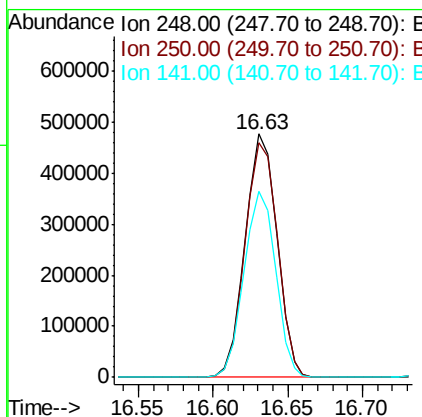
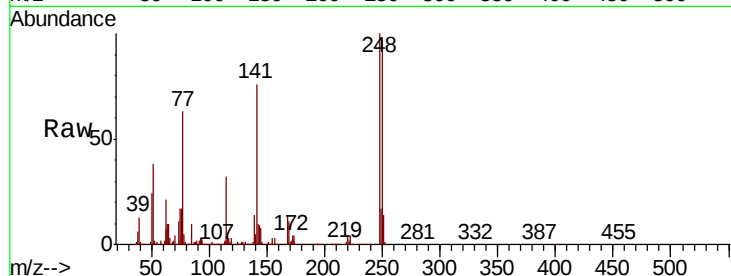




#67  
4-Bromophenyl-phenylether  
Concen: 94.897 ng  
RT: 16.63 min Scan# 2305  
Delta R.T. -0.00 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

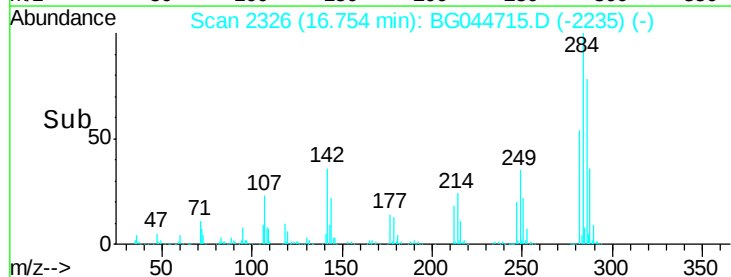
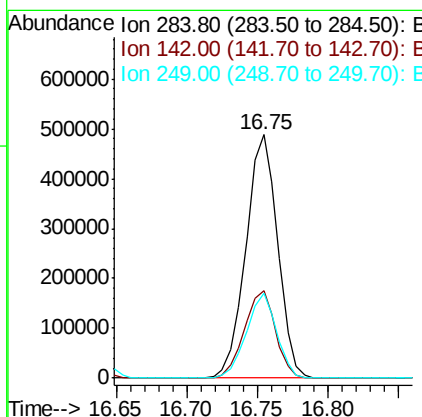
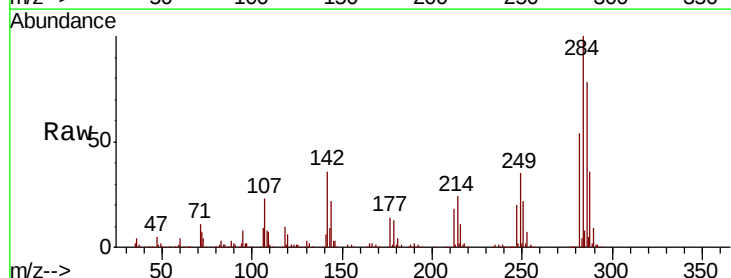
Instrument :  
BNA\_G  
ClientSampleId :

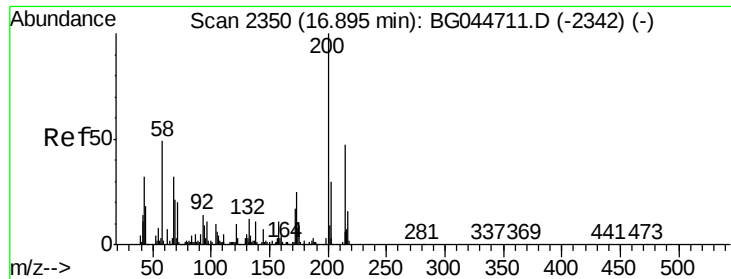
Tot Ion:248 Resp: 706208  
Ion Ratio Lower Upper  
248 100  
250 96.6 79.4 119.0  
141 76.3 61.7 92.5



#68  
Hexachlorobenzene  
Concen: 95.836 ng  
RT: 16.75 min Scan# 2326  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

Tgt Ion:284 Resp: 770095  
Ion Ratio Lower Upper  
284 100  
142 35.7 25.6 38.4  
249 34.7 25.8 38.6





#69

Atrazine

Concen: 76.382 ng

RT: 16.90 min Scan# 2351

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampleId :

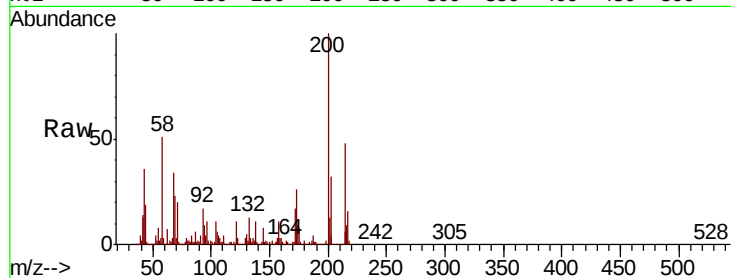
Tot Ion:200 Resp: 532541

Ion Ratio Lower Upper

200 100

173 25.7 4.8 44.8

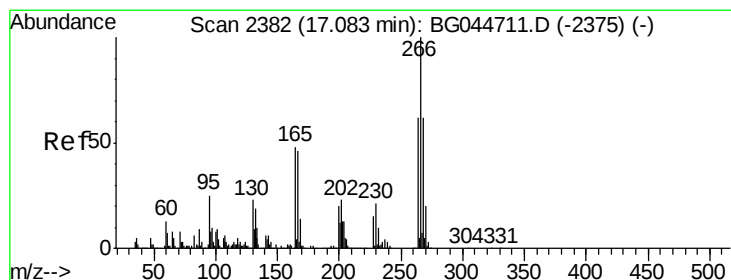
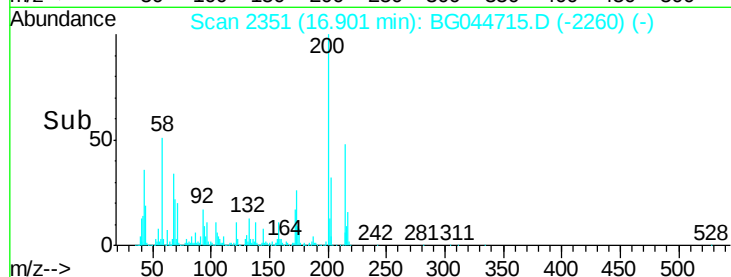
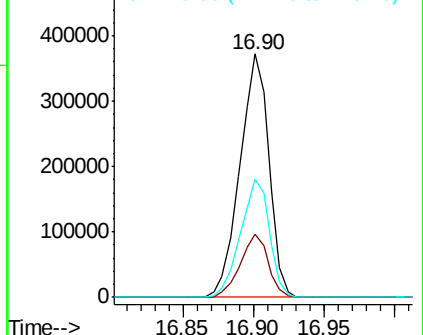
215 48.3 27.4 67.4



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: 99.980 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

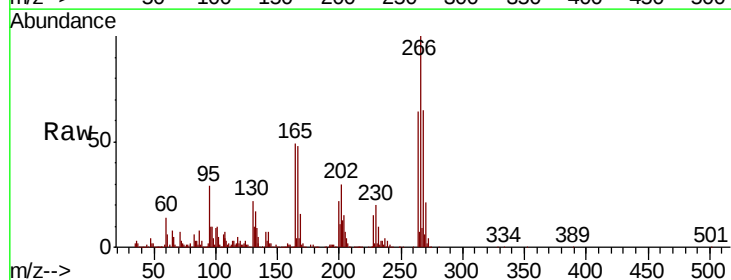
Tgt Ion:266 Resp: 455883

Ion Ratio Lower Upper

266 100

268 64.8 49.9 74.9

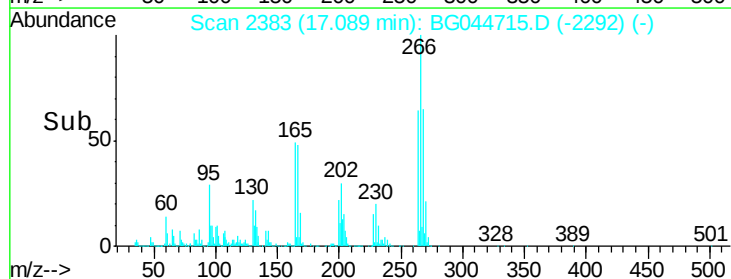
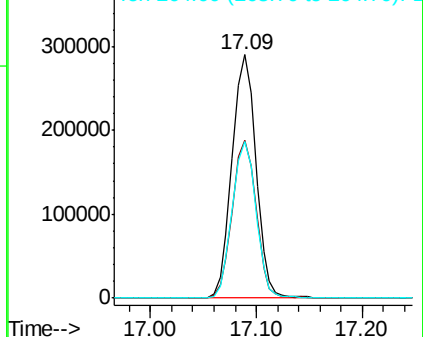
264 64.2 49.9 74.9

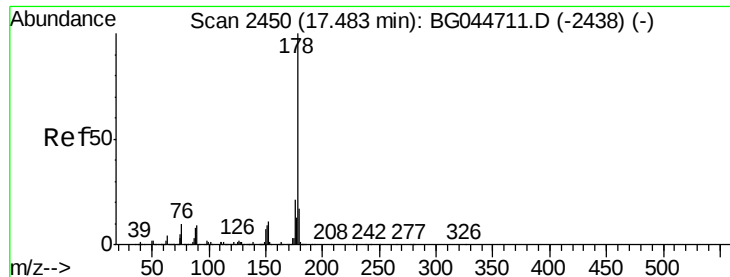


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 85.667 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampleId :

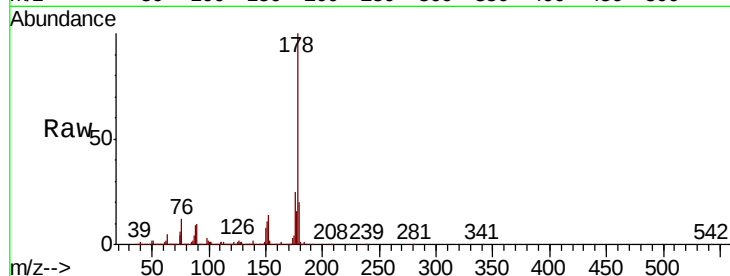
Tot Ion:178 Resp: 2771740

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 25.2  | 17.0  | 25.6  |
| 179 | 19.8  | 13.7  | 20.5  |

178 100

176 25.2 17.0 25.6

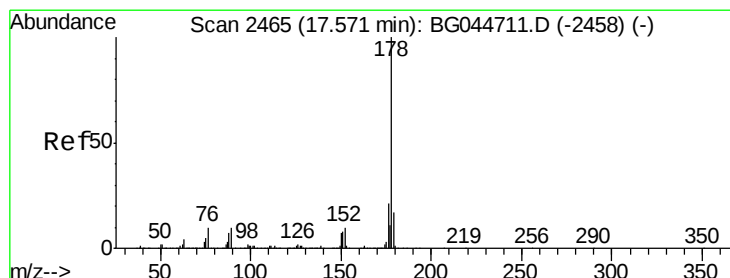
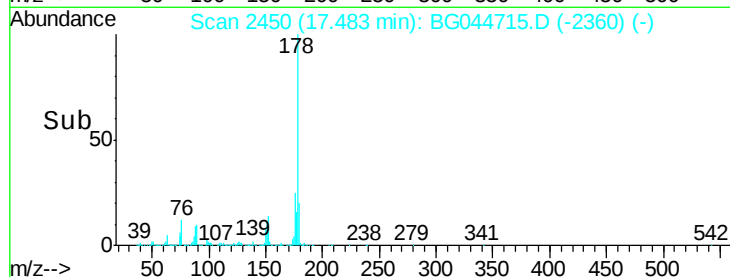
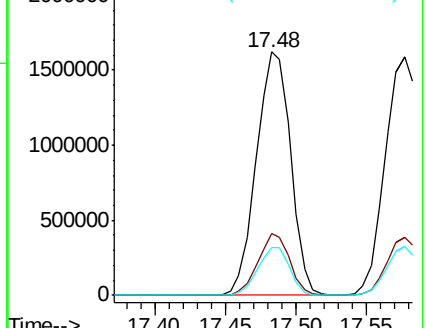
179 19.8 13.7 20.5



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: 85.736 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

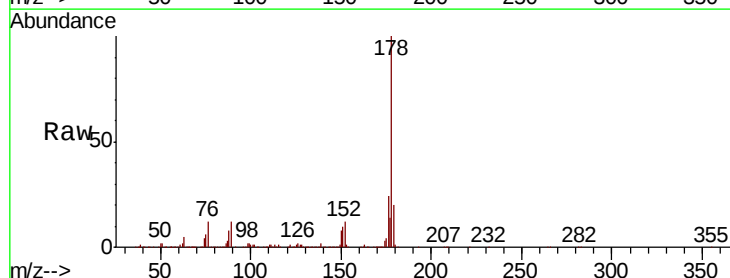
Tgt Ion:178 Resp: 2732206

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 24.4  | 17.0  | 25.6  |
| 179 | 20.3  | 13.8  | 20.8  |

178 100

176 24.4 17.0 25.6

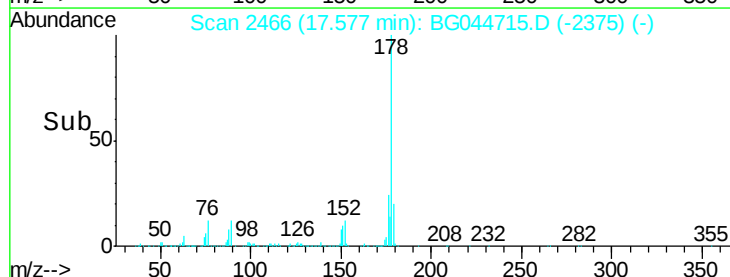
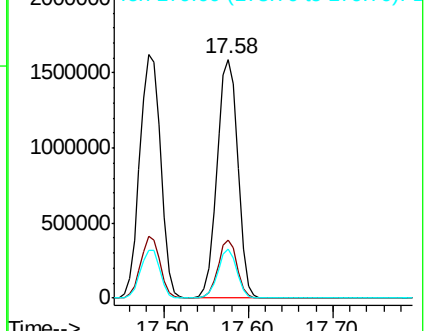
179 20.3 13.8 20.8

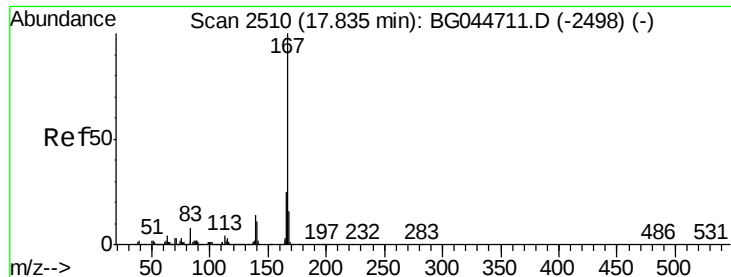


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

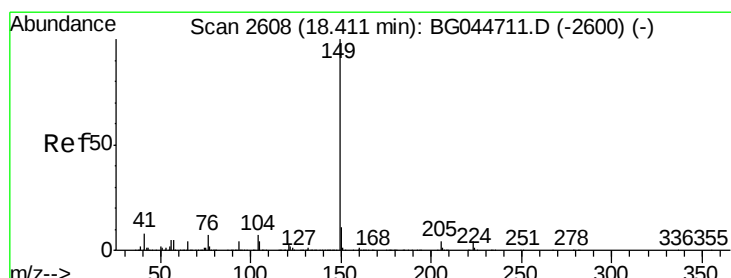
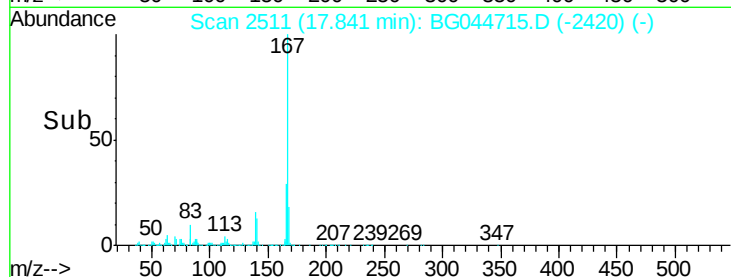
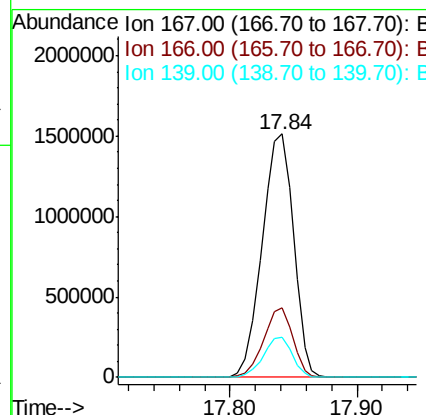
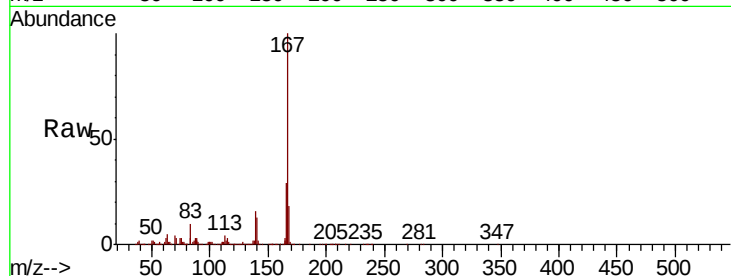




#73  
 Carbazole  
 Concen: 85.537 ng  
 RT: 17.84 min Scan# 2511  
 Delta R.T. 0.01 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

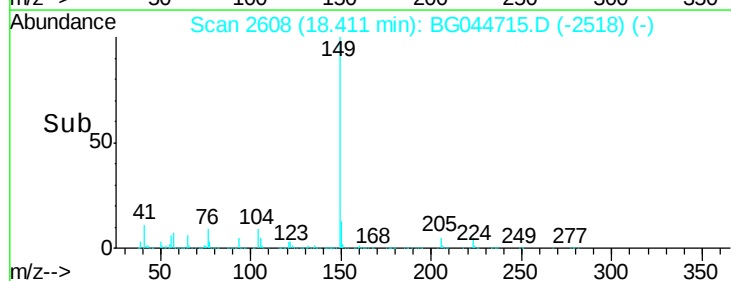
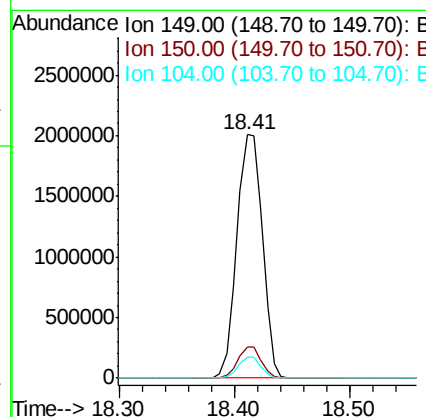
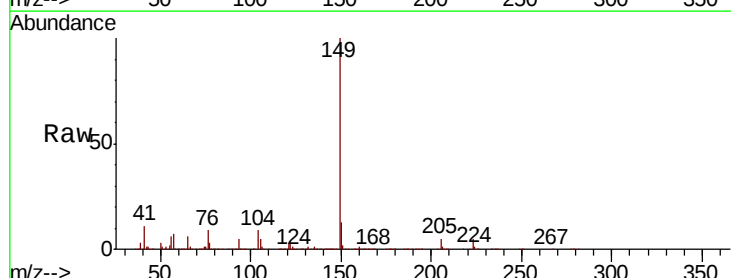
Instrument :  
 BNA\_G  
 ClientSampleId :

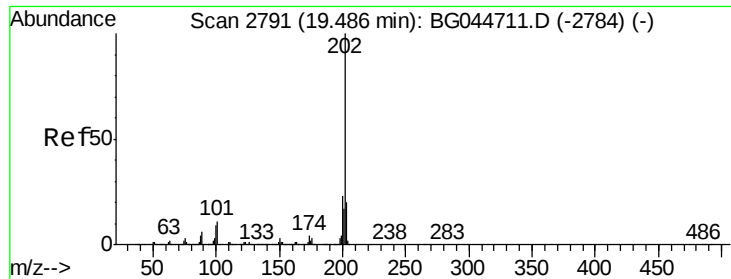
Tot Ion:167 Resp: 2610526  
 Ion Ratio Lower Upper  
 167 100  
 166 28.8 19.6 29.4  
 139 16.5 11.4 17.2



#74  
 Di-n-butylphthalate  
 Concen: 80.024 ng  
 RT: 18.41 min Scan# 2608  
 Delta R.T. -0.00 min  
 Lab File: BG044715.D  
 Acq: 10 Mar 2020 15:04

Tgt Ion:149 Resp: 3075877  
 Ion Ratio Lower Upper  
 149 100  
 150 13.0 8.4 12.6#  
 104 8.8 5.6 8.4#





#75

Fluoranthene

Concen: 81.547 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

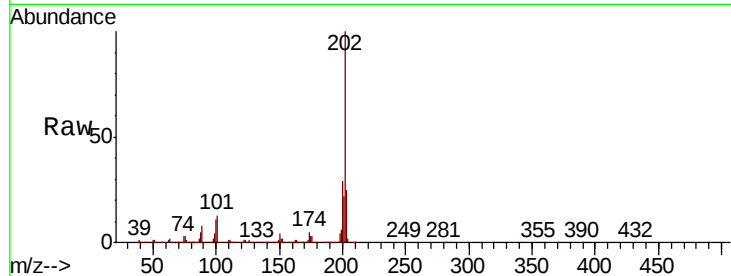
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:202 Resp: 3188755

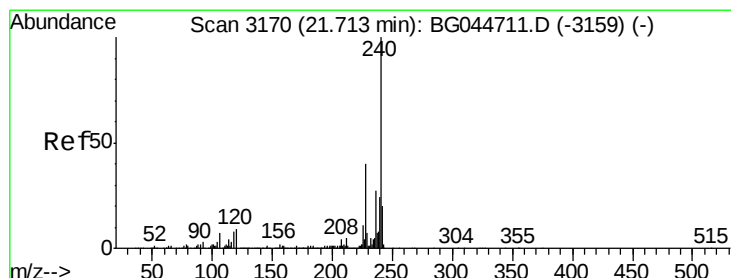
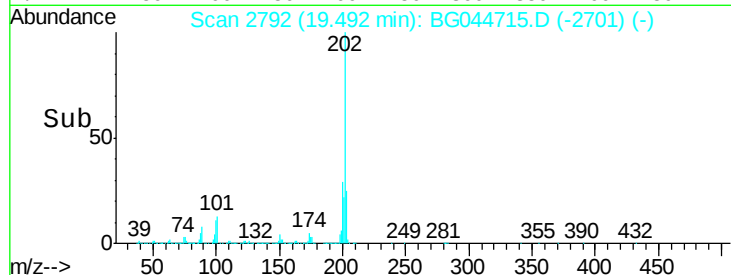
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 13.4  | 0.0   | 31.3  |
| 203 | 24.6  | 0.4   | 40.4  |



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

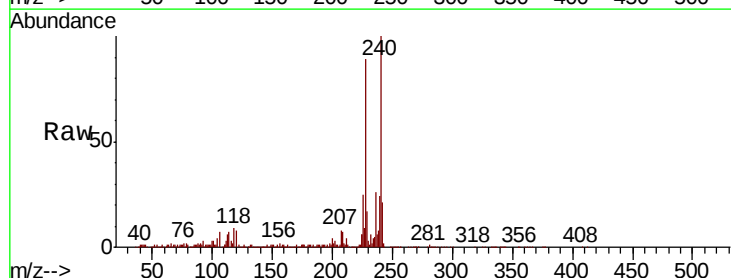
Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Tgt Ion:240 Resp: 497788

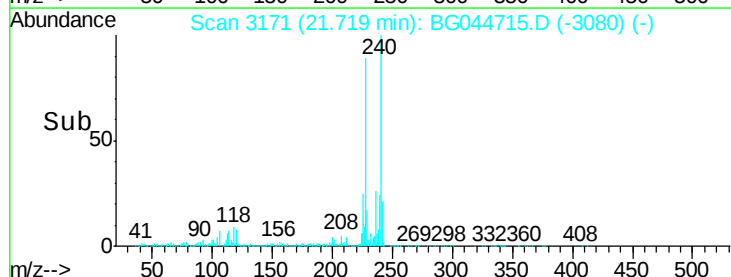
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 8.5   | 6.9   | 10.3  |
| 236 | 26.0  | 21.9  | 32.9  |

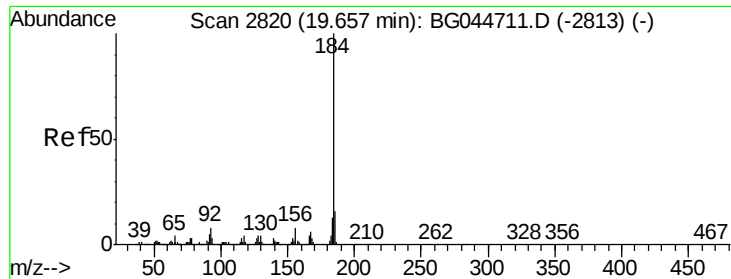


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.594 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.40 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

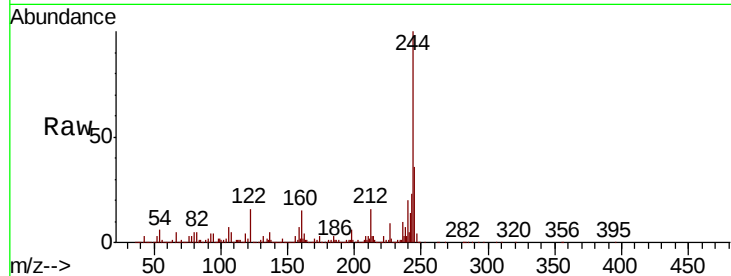
Instrument :

BNA\_G

ClientSampled :

Tot Ion:184 Resp: 111159

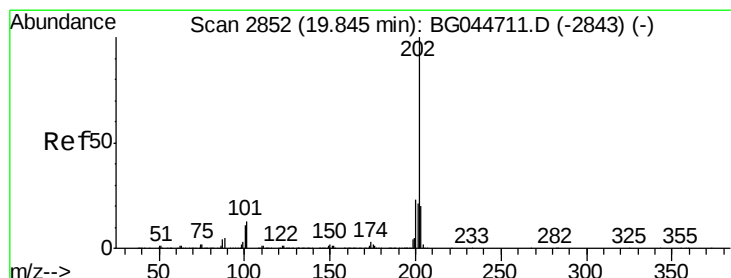
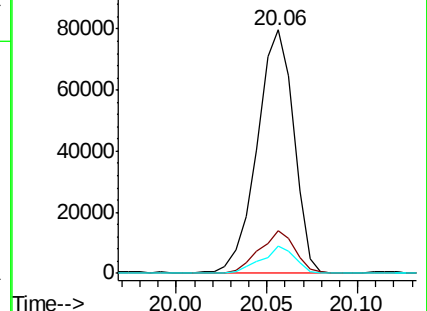
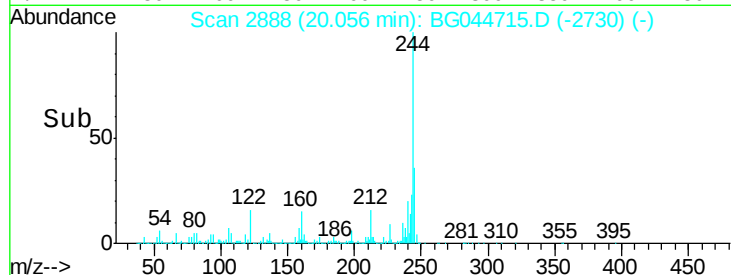
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 17.3  | 12.9  | 19.3  |
| 183 | 11.2  | 10.6  | 15.8  |



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: 82.950 ng

RT: 19.85 min Scan# 2853

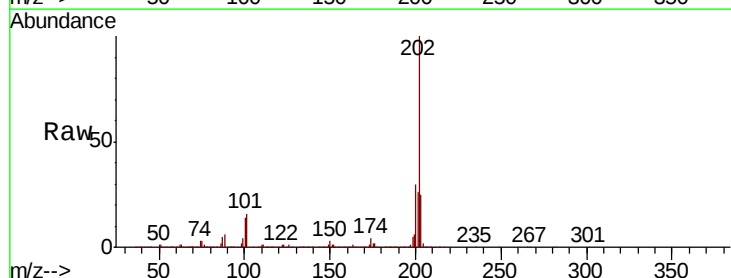
Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Tgt Ion:202 Resp: 3149505

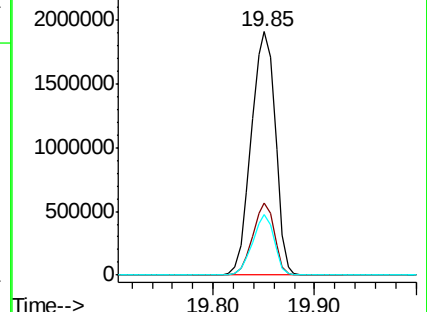
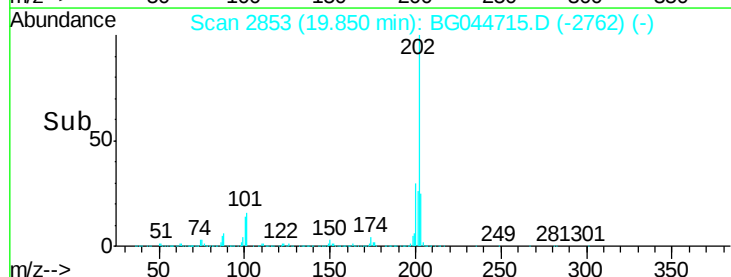
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 29.8  | 18.7  | 28.1# |
| 203 | 24.9  | 16.0  | 24.0# |

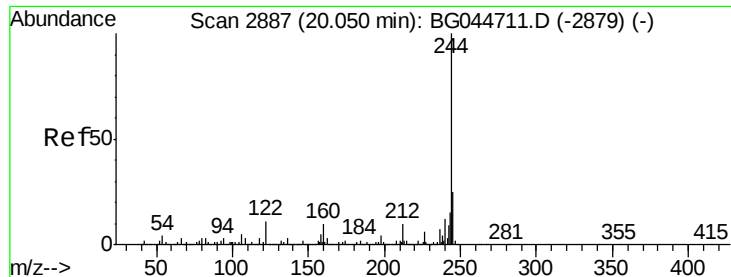


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 144.245 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampleId :

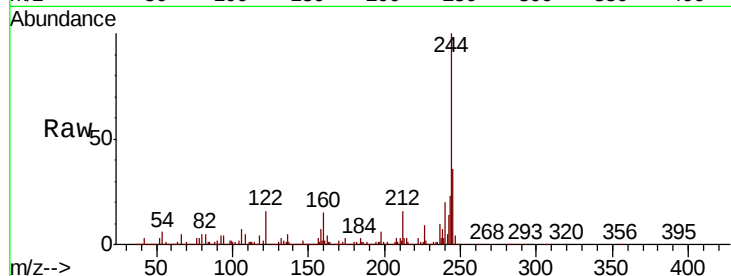
Tot Ion:244 Resp: 4022553

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 15.7  | 8.4   | 12.6  |
| 122 | 15.8  | 8.7   | 13.1  |

244 100

212 15.7 8.4 12.6

122 15.8 8.7 13.1

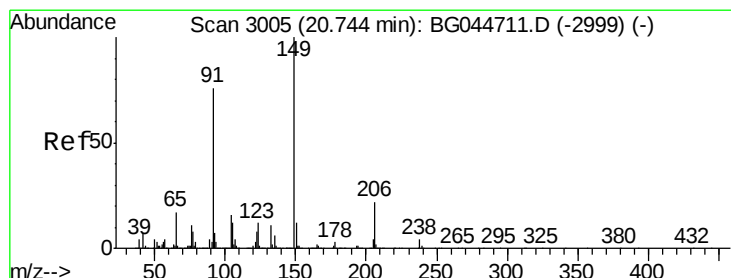
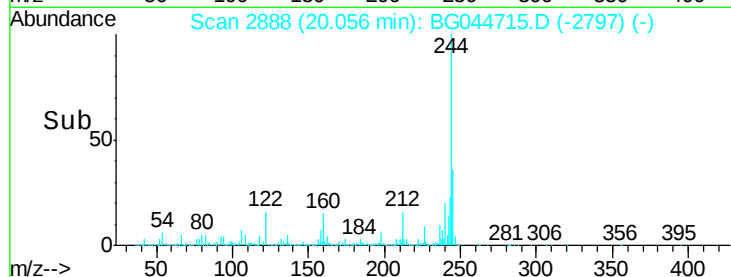
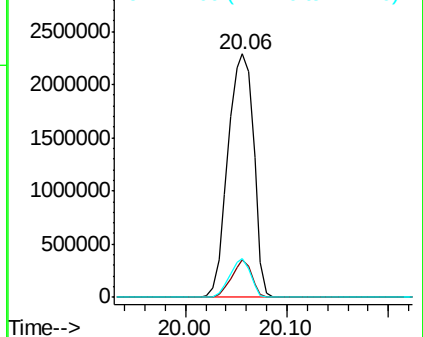


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 93.165 ng

RT: 20.74 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

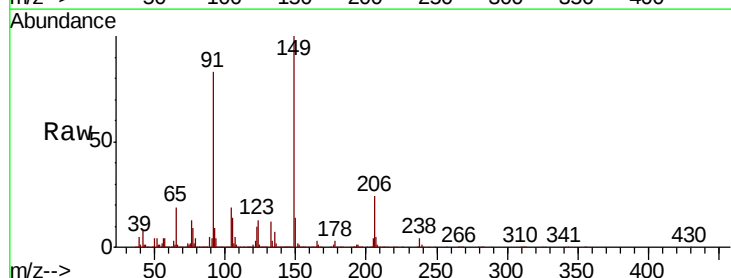
Tgt Ion:149 Resp: 1578906

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 83.4  | 61.1  | 91.7  |
| 206 | 24.5  | 17.4  | 26.2  |

149 100

91 83.4 61.1 91.7

206 24.5 17.4 26.2

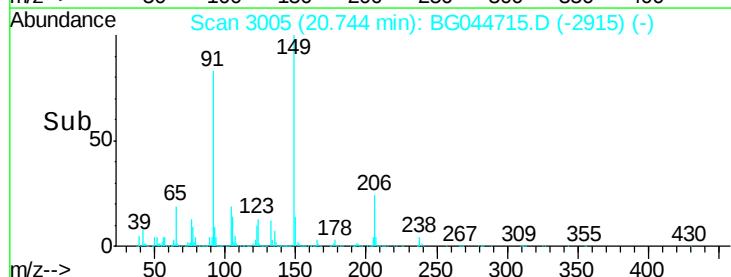
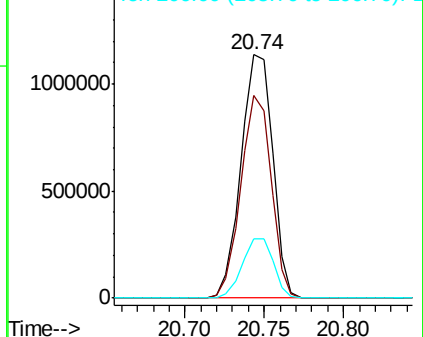


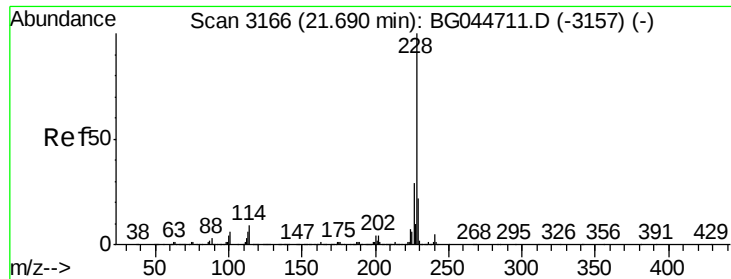
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 85.988 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampleId :

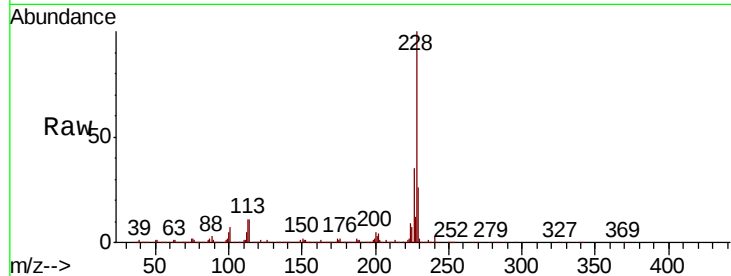
Tot Ion:228 Resp: 3209924

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 34.6  | 23.5  | 35.3  |
| 229 | 25.9  | 17.2  | 25.8  |

228 100

226 34.6 23.5 35.3

229 25.9 17.2 25.8

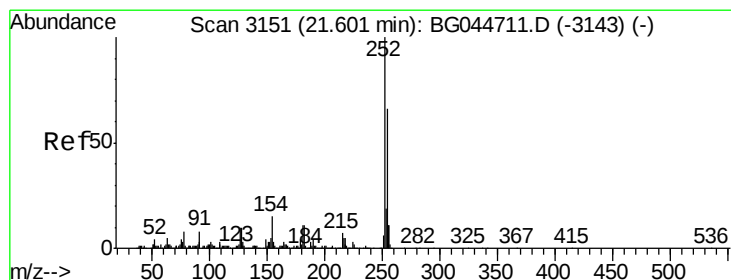
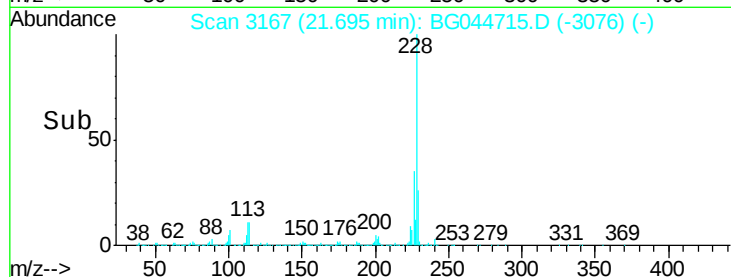
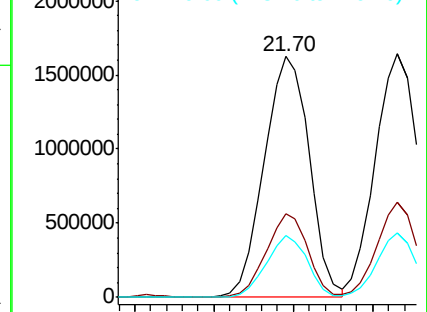


Abundance

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: 86.257 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

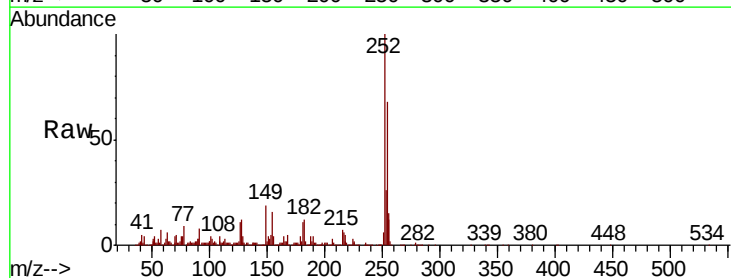
Tgt Ion:252 Resp: 1282051

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 68.5  | 53.0  | 79.4  |
| 126 | 11.0  | 8.2   | 12.4  |

252 100

254 68.5 53.0 79.4

126 11.0 8.2 12.4

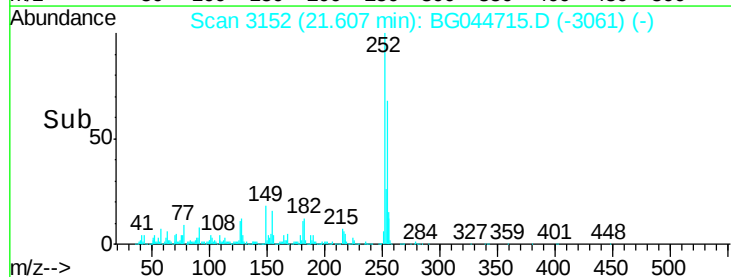
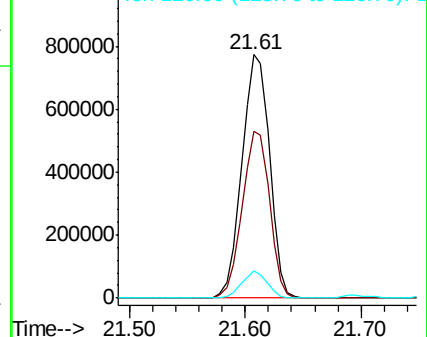


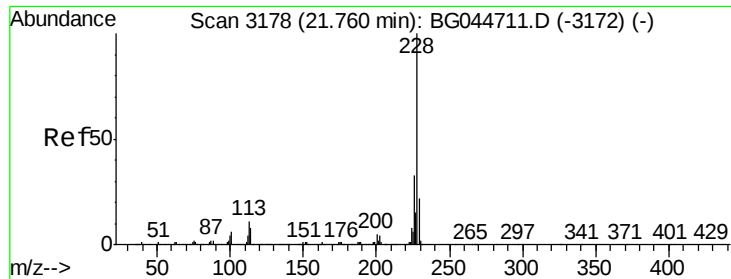
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

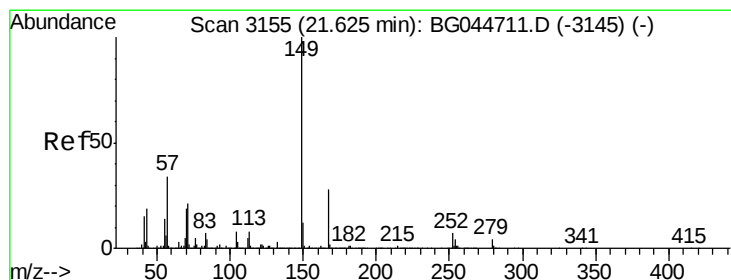
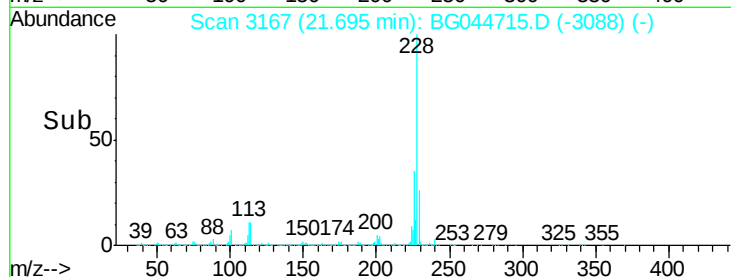
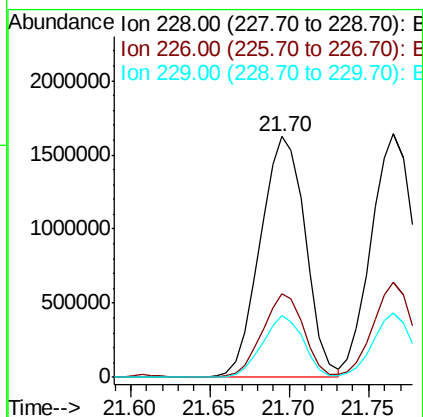
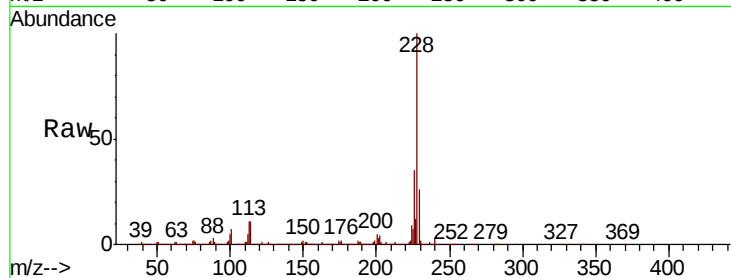




#83  
Chrysene  
Concen: 90.339 ng  
RT: 21.70 min Scan# 3167  
Delta R.T. -0.06 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

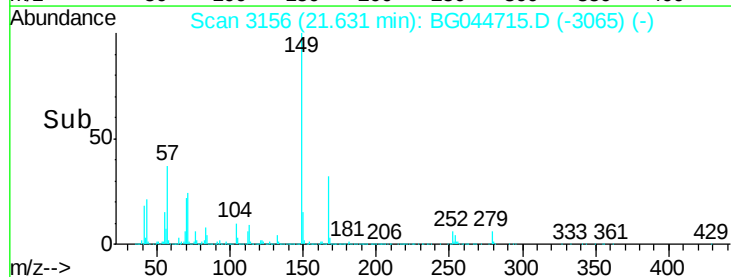
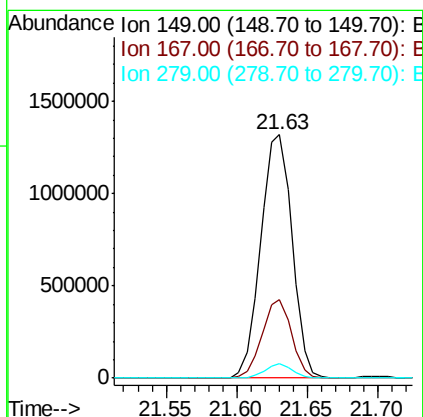
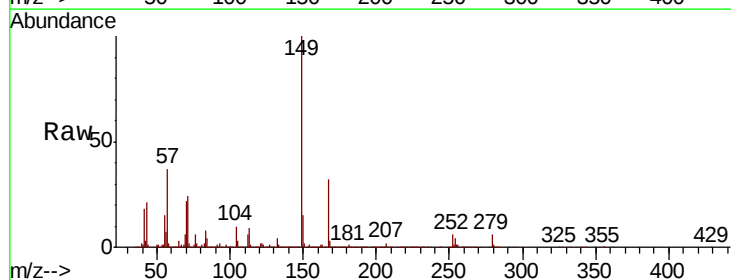
Instrument :  
BNA\_G  
ClientSampled :

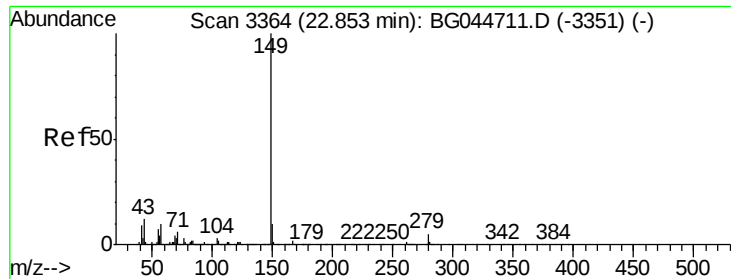
Tot Ion:228 Resp: 3209924  
Ion Ratio Lower Upper  
228 100  
226 34.6 26.1 39.1  
229 25.9 17.4 26.0



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 87.299 ng  
RT: 21.63 min Scan# 3156  
Delta R.T. 0.01 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

Tgt Ion:149 Resp: 2063214  
Ion Ratio Lower Upper  
149 100  
167 32.1 22.6 33.8  
279 5.9 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 85.597 ng

RT: 22.86 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampleId :

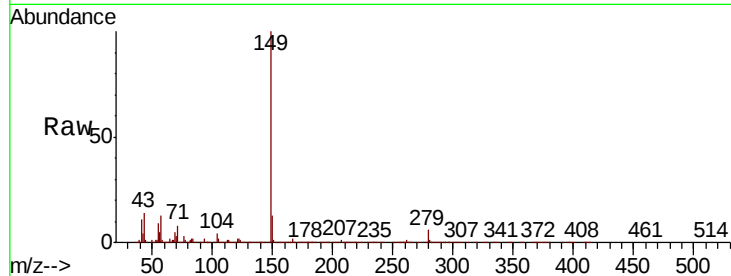
Tot Ion:149 Resp: 3474028

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

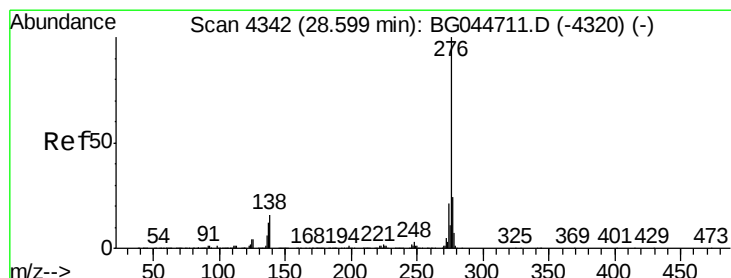
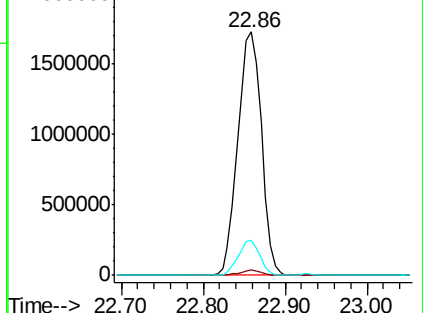
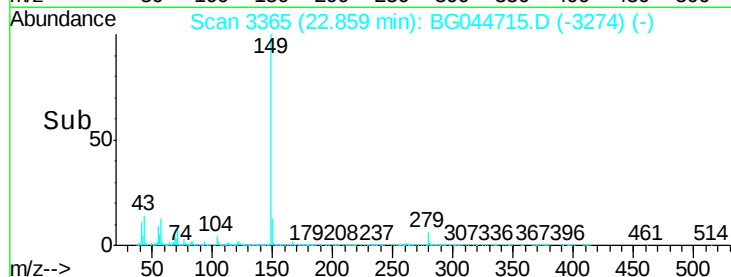
43 13.1 9.0 13.6



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: 93.503 ng

RT: 28.62 min Scan# 4346

Delta R.T. 0.02 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

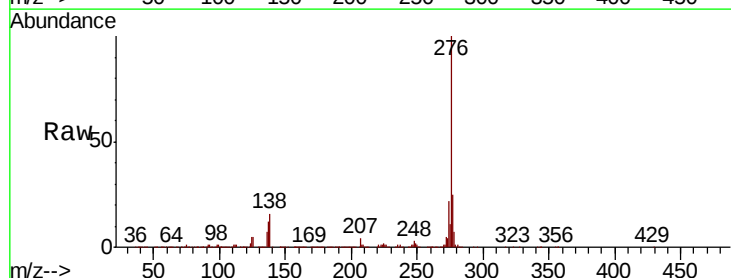
Tgt Ion:276 Resp: 4387789

Ion Ratio Lower Upper

276 100

138 15.2 10.9 16.3

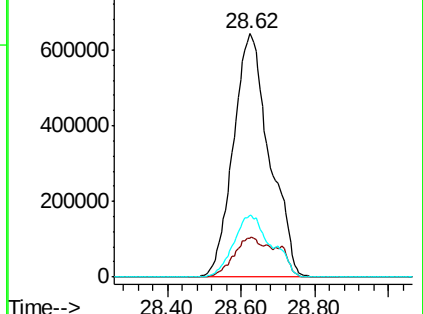
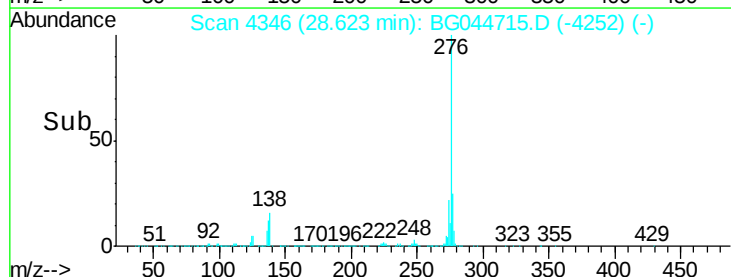
277 22.9 20.8 31.2

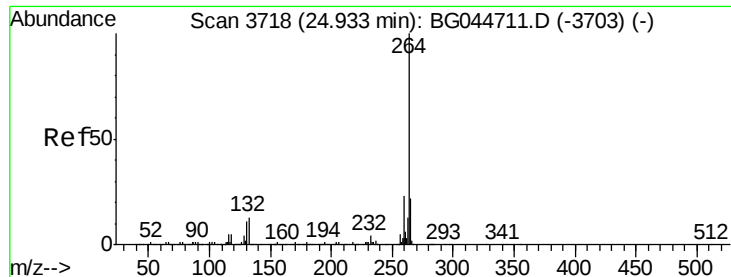


Abundance Ion 276.00 (275.70 to 276.70): E

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. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampled :

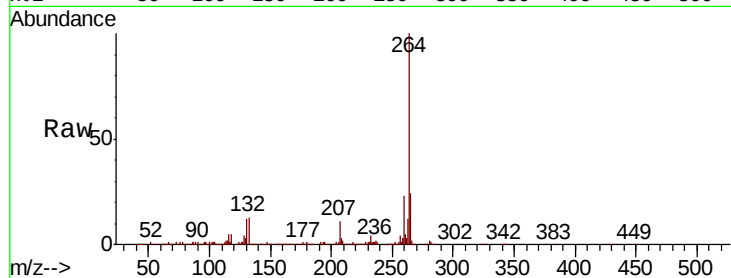
Tot Ion:264 Resp: 583879

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

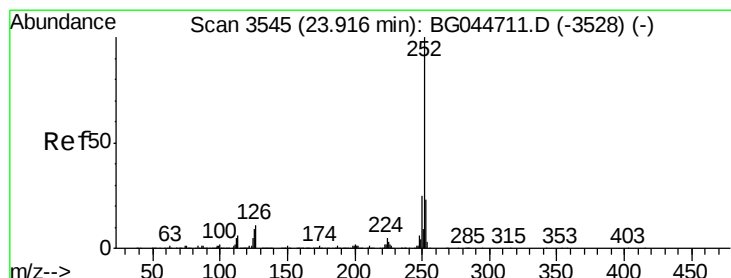
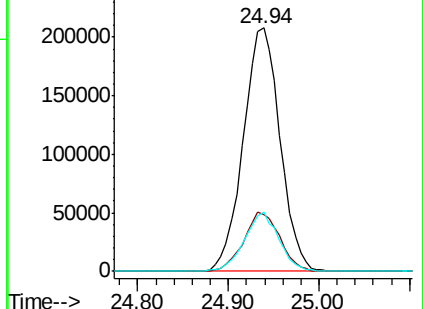
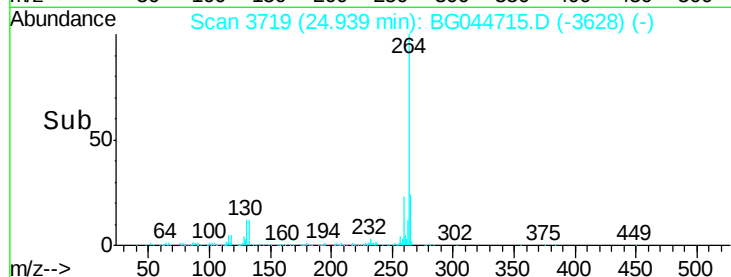
265 24.2 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 90.129 ng

RT: 23.93 min Scan# 3547

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

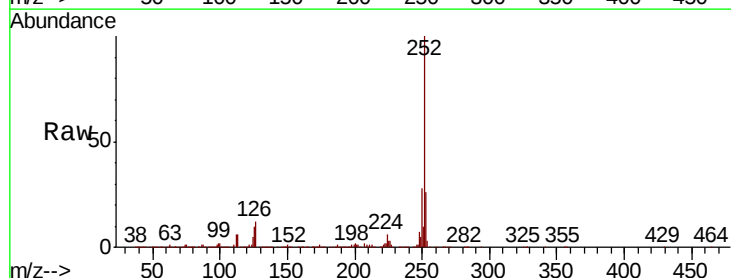
Tgt Ion:252 Resp: 3581596

Ion Ratio Lower Upper

252 100

253 25.6 18.7 28.1

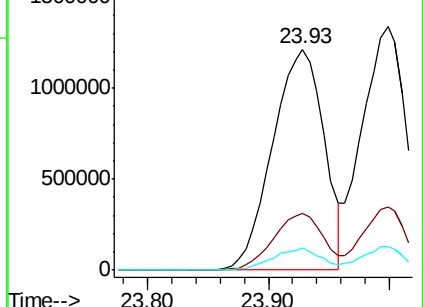
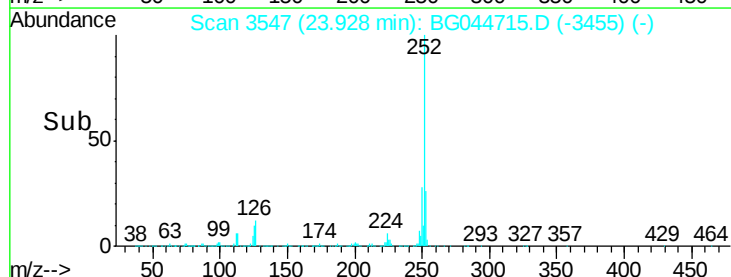
125 9.9 7.2 10.8

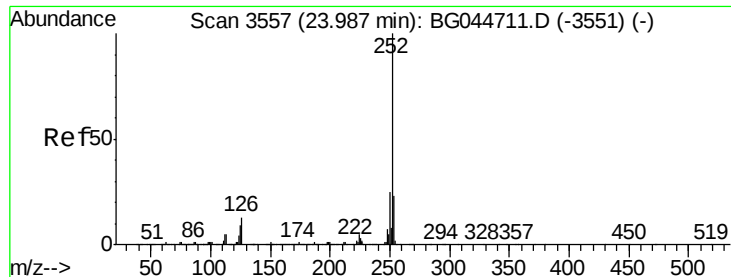


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 90.966 ng

RT: 24.00 min Scan# 3559

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

Instrument :

BNA\_G

ClientSampleId :

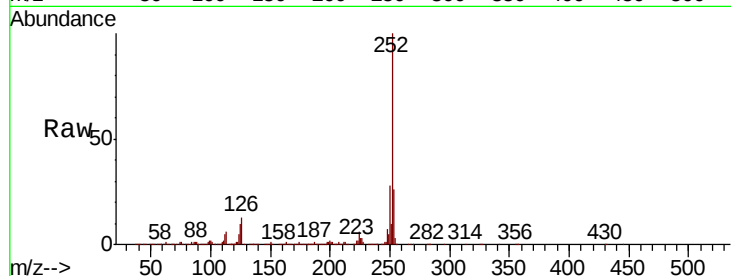
Tot Ion:252 Resp: 3388383

Ion Ratio Lower Upper

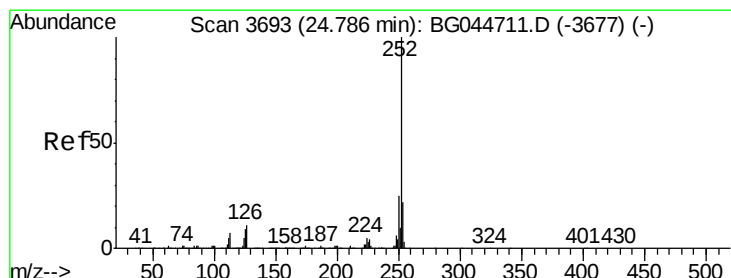
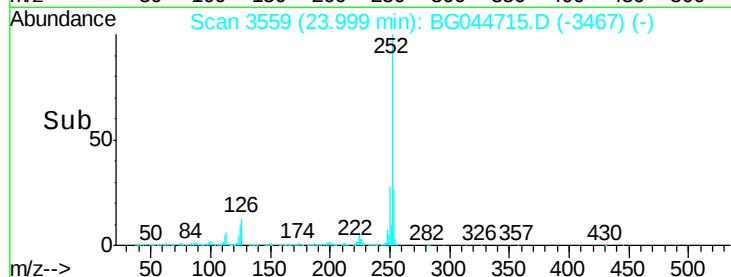
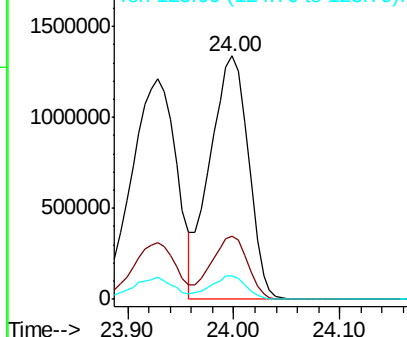
252 100

253 25.7 18.4 27.6

125 9.9 7.0 10.4



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



#90

Benzo(a)pyrene

Concen: 92.791 ng

RT: 24.80 min Scan# 3695

Delta R.T. 0.01 min

Lab File: BG044715.D

Acq: 10 Mar 2020 15:04

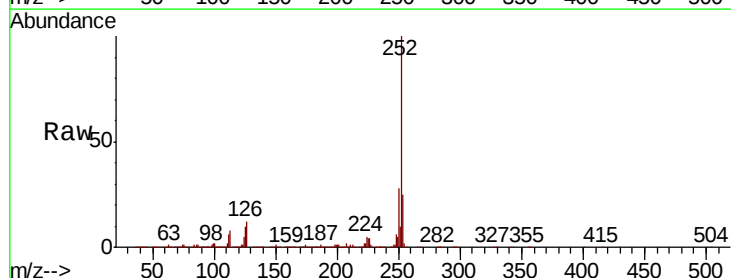
Tgt Ion:252 Resp: 3434269

Ion Ratio Lower Upper

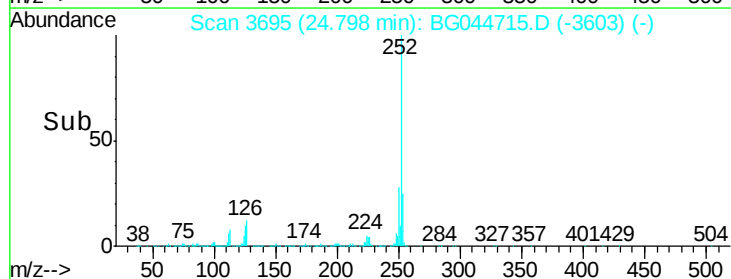
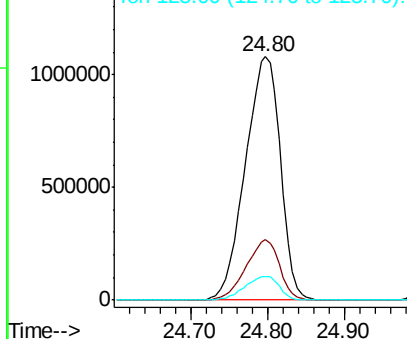
252 100

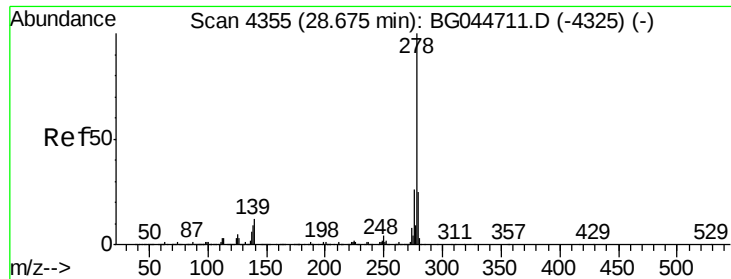
253 25.1 17.7 26.5

125 9.7 7.0 10.6



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



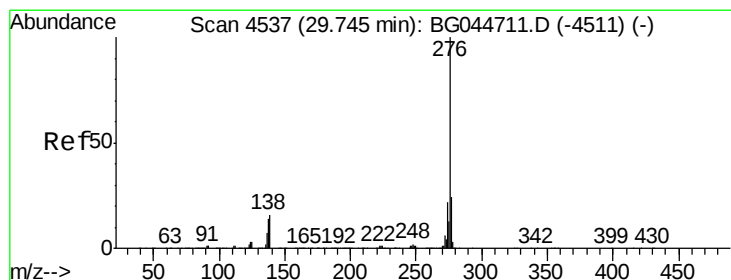
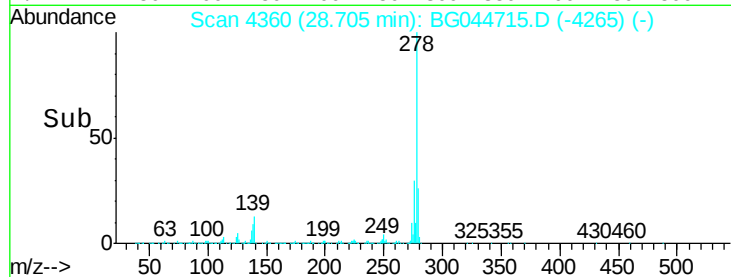
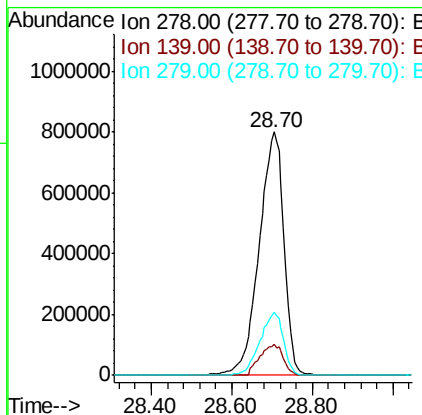
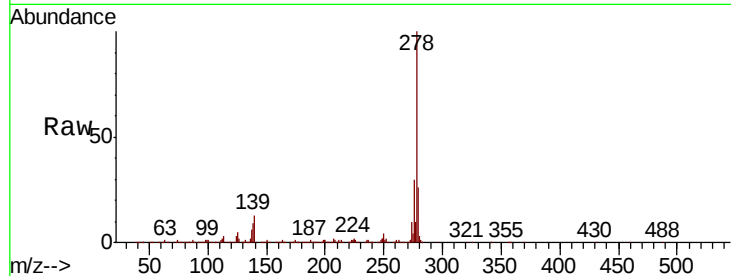


#91  
Dibenzo(a,h)anthracene  
Concen: 92.628 ng  
RT: 28.70 min Scan# 4360  
Delta R.T. 0.03 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:278 Resp: 3418514  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.9  | 9.9   | 14.9  |
| 279 | 25.8  | 20.2  | 30.4  |



#92  
Benzo(g,h,i)perylene  
Concen: 94.870 ng  
RT: 29.78 min Scan# 4543  
Delta R.T. 0.04 min  
Lab File: BG044715.D  
Acq: 10 Mar 2020 15:04

Tgt Ion:276 Resp: 3507097  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.7  | 18.8  | 28.2  |
| 138 | 16.2  | 13.0  | 19.4  |

