

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042121\  
 Data File : BG048812.D  
 Acq On : 21 Apr 2021 9:02  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Quant Time: Apr 21 11:27:41 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG041421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 20 17:33:30 2021  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|--------|------|----------|-------|-------|----------|
| -----                     |        |      |          |       |       |          |
| Internal Standards        |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 8.061  | 152  | 19964    | 20.00 | ng    | # 0.00   |
| 21) Naphthalene-d8        | 10.887 | 136  | 86303    | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10      | 14.724 | 164  | 61355    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.479 | 188  | 148166   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12          | 21.780 | 240  | 135871   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12          | 25.106 | 264  | 142336   | 20.00 | ng    | 0.00     |

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|                             |        |     |        |       |    |      |
|-----------------------------|--------|-----|--------|-------|----|------|
| System Monitoring Compounds |        |     |        |       |    |      |
| 5) 2-Fluorophenol           | 5.611  | 112 | 97441  | 81.63 | ng | 0.00 |
| 7) Phenol-d6                | 7.227  | 99  | 144361 | 85.50 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.236  | 82  | 151968 | 78.83 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.216 | 330 | 64628  | 78.56 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.343 | 172 | 338464 | 79.67 | ng | 0.00 |
| 79) Terphenyl-d14           | 20.094 | 244 | 620230 | 78.57 | ng | 0.00 |

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|                               |        |     |        |       |    |        |
|-------------------------------|--------|-----|--------|-------|----|--------|
| Target Compounds              |        |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                | 3.461  | 88  | 18024  | 38.54 | ng | 90     |
| 3) Pyridine                   | 3.866  | 79  | 54928  | 45.06 | ng | # 83   |
| 4) n-Nitrosodimethylamine     | 3.784  | 42  | 38635  | 41.51 | ng | # 92   |
| 6) Aniline                    | 7.379  | 93  | 81054  | 42.77 | ng | 97     |
| 8) 2-Chlorophenol             | 7.626  | 128 | 53867  | 42.54 | ng | 93     |
| 9) Benzaldehyde               | 7.191  | 77  | 51772  | 46.28 | ng | 90     |
| 10) Phenol                    | 7.250  | 94  | 72325  | 43.56 | ng | 94     |
| 11) bis(2-Chloroethyl)ether   | 7.473  | 93  | 47077  | 42.07 | ng | 98     |
| 12) 1,3-Dichlorobenzene       | 7.949  | 146 | 60807  | 41.76 | ng | 95     |
| 13) 1,4-Dichlorobenzene       | 8.102  | 146 | 63312  | 42.67 | ng | 89     |
| 14) 1,2-Dichlorobenzene       | 8.419  | 146 | 58811  | 42.96 | ng | 98     |
| 15) Benzyl Alcohol            | 8.302  | 79  | 63270  | 42.53 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.596  | 45  | 51919  | 42.81 | ng | 95     |
| 17) 2-Methylphenol            | 8.513  | 107 | 44896  | 42.36 | ng | 98     |
| 18) Hexachloroethane          | 9.154  | 117 | 23913  | 41.03 | ng | 98     |
| 19) n-Nitroso-di-n-propyla... | 8.872  | 70  | 48320  | 42.42 | ng | 94     |
| 20) 3+4-Methylphenols         | 8.848  | 107 | 64221  | 43.91 | ng | 95     |
| 22) Acetophenone              | 8.889  | 105 | 89372  | 39.79 | ng | # 93   |
| 24) Nitrobenzene              | 9.277  | 77  | 78692  | 40.93 | ng | 96     |
| 25) Isophorone                | 9.800  | 82  | 135462 | 39.74 | ng | 95     |
| 26) 2-Nitrophenol             | 9.994  | 139 | 32814  | 39.43 | ng | 96     |
| 27) 2,4-Dimethylphenol        | 10.053 | 122 | 52746  | 41.23 | ng | 92     |
| 28) bis(2-Chloroethoxy)met... | 10.282 | 93  | 62023  | 41.76 | ng | 94     |
| 29) 2,4-Dichlorophenol        | 10.540 | 162 | 55629  | 38.55 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene    | 10.752 | 180 | 64451  | 38.52 | ng | 96     |
| 31) Naphthalene               | 10.940 | 128 | 180244 | 40.70 | ng | 96     |
| 32) Benzoic acid              | 10.223 | 122 | 20618m | 27.51 | ng |        |
| 33) 4-Chloroaniline           | 11.046 | 127 | 77302  | 41.95 | ng | 97     |
| 34) Hexachlorobutadiene       | 11.222 | 225 | 49671  | 39.99 | ng | 95     |
| 35) Caprolactam               | 11.833 | 113 | 21368  | 43.58 | ng | 89     |
| 36) 4-Chloro-3-methylphenol   | 12.180 | 107 | 66962  | 40.98 | ng | 97     |
| 37) 2-Methylnaphthalene       | 12.550 | 142 | 139769 | 39.50 | ng | 99     |
| 38) 1-Methylnaphthalene       | 12.767 | 142 | 132155 | 40.14 | ng | 99     |
| 40) 1,2,4,5-Tetrachloroben... | 12.914 | 216 | 79069  | 39.59 | ng | 97     |
| 41) Hexachlorocyclopentadiene | 12.891 | 237 | 29653  | 31.09 | ng | 93     |
| 43) 2,4,6-Trichlorophenol     | 13.155 | 196 | 52093  | 39.08 | ng | 97     |

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 Sample : SSTDCCC040  
 Misc :  
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Instrument :  
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 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
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Quant Time: Apr 21 11:27:41 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG041421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 20 17:33:30 2021  
 Response via : Initial Calibration

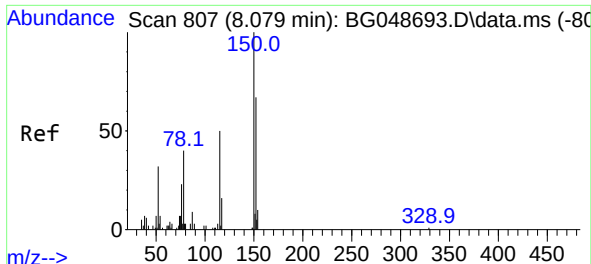
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.237 | 196  | 55005    | 38.86 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 13.555 | 154  | 180731   | 39.88 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.602 | 162  | 137039   | 39.58 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.801 | 65   | 51603    | 41.48 | ng    | 88       |
| 49) Acenaphthylene            | 14.448 | 152  | 211978   | 39.25 | ng    | 98       |
| 50) Dimethylphthalate         | 14.172 | 163  | 184647   | 40.12 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.295 | 165  | 43074    | 40.57 | ng    | 93       |
| 52) Acenaphthene              | 14.788 | 154  | 139999   | 40.82 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.630 | 138  | 41131    | 40.35 | ng #  | 88       |
| 54) 2,4-Dinitrophenol         | 14.835 | 184  | 18704    | 32.69 | ng    | 89       |
| 55) Dibenzofuran              | 15.123 | 168  | 227048   | 39.99 | ng #  | 97       |
| 56) 4-Nitrophenol             | 14.947 | 139  | 29264    | 38.75 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 15.088 | 165  | 62115    | 40.28 | ng    | 95       |
| 58) Fluorene                  | 15.775 | 166  | 185830   | 39.85 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.352 | 232  | 49496    | 37.80 | ng    | 98       |
| 60) Diethylphthalate          | 15.535 | 149  | 192522   | 40.44 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.764 | 204  | 100984   | 39.38 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.799 | 138  | 44484    | 40.82 | ng    | 88       |
| 63) Azobenzene                | 16.058 | 77   | 194624   | 40.59 | ng    | 92       |
| 65) 4,6-Dinitro-2-methylph... | 15.852 | 198  | 39500    | 39.82 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 15.975 | 169  | 169773   | 40.54 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.663 | 248  | 66805    | 39.17 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.780 | 284  | 68558    | 39.69 | ng    | 95       |
| 69) Atrazine                  | 16.927 | 200  | 69320    | 39.81 | ng    | 95       |
| 70) Pentachlorophenol         | 17.133 | 266  | 29881    | 32.46 | ng    | 99       |
| 71) Phenanthrene              | 17.521 | 178  | 304658   | 39.62 | ng    | 94       |
| 72) Anthracene                | 17.615 | 178  | 303729   | 39.92 | ng    | 98       |
| 73) Carbazole                 | 17.885 | 167  | 291622   | 40.01 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.431 | 149  | 329074   | 40.27 | ng    | 99       |
| 75) Fluoranthene              | 19.536 | 202  | 383117   | 39.39 | ng    | 98       |
| 77) Benzidine                 | 19.712 | 184  | 151715   | 41.12 | ng    | 96       |
| 78) Pyrene                    | 19.900 | 202  | 379469   | 40.37 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.776 | 149  | 142745   | 38.83 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.763 | 228  | 366275   | 39.45 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.669 | 252  | 123013   | 38.64 | ng    | 91       |
| 83) Chrysene                  | 21.827 | 228  | 349090   | 39.47 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.651 | 149  | 208067   | 40.43 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.897 | 149  | 354461   | 40.46 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.931 | 276  | 403307   | 38.58 | ng #  | 91       |
| 88) Benzo(b)fluoranthene      | 24.048 | 252  | 386752   | 40.05 | ng #  | 95       |
| 89) Benzo(k)fluoranthene      | 24.119 | 252  | 352883m  | 38.86 | ng    |          |
| 90) Benzo(a)pyrene            | 24.953 | 252  | 353341   | 39.72 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 28.989 | 278  | 344446   | 38.42 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.123 | 276  | 336144   | 37.98 | ng    | 99       |

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

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4/22/2021 12:09:26 PM



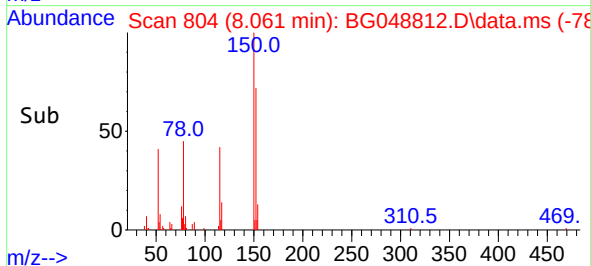
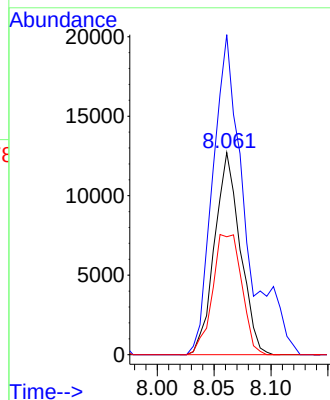
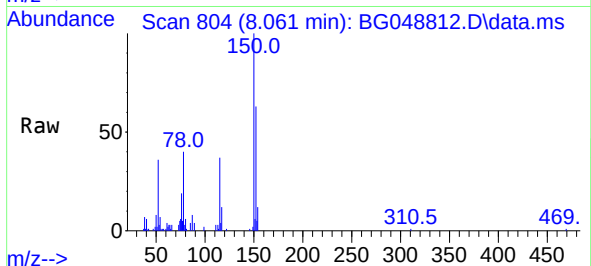


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.061 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion: 152 Resp: 19964  
Ion Ratio Lower Upper  
152 100  
150 158.4 119.4 179.0  
115 58.4 60.2 90.4#

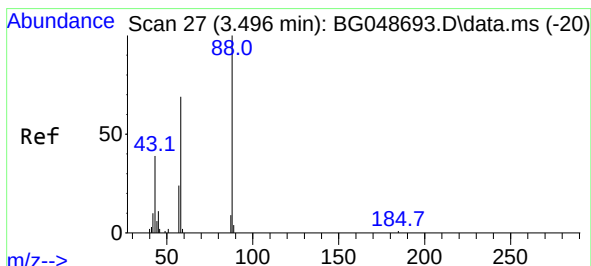
Instrument :  
BNA\_G  
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SSTDCCC040

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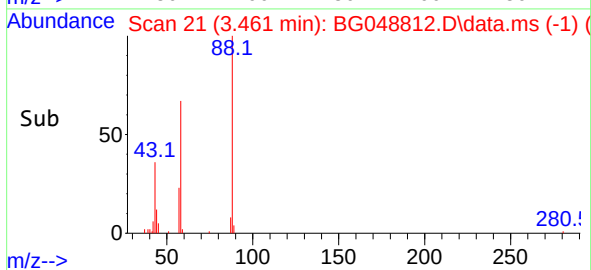
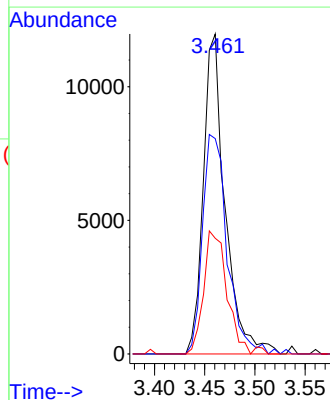
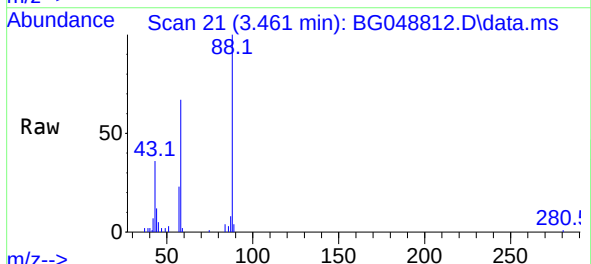
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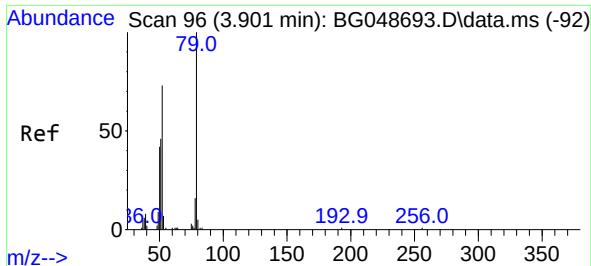
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#2  
1,4-Dioxane  
Concen: 38.54 ng  
RT: 3.461 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion: 88 Resp: 18024  
Ion Ratio Lower Upper  
88 100  
58 78.3 55.7 83.5  
43 41.9 29.3 43.9



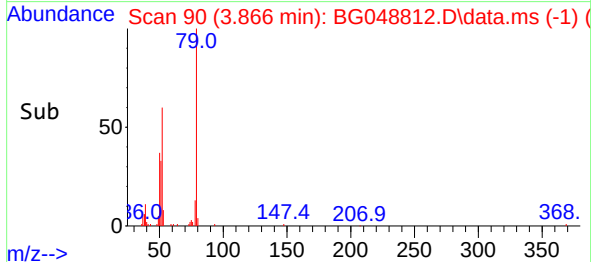
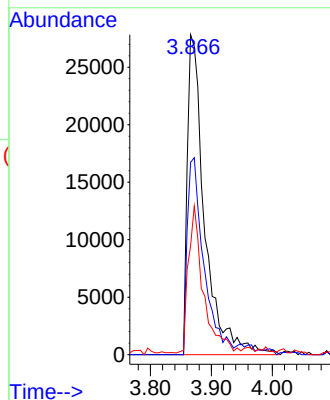
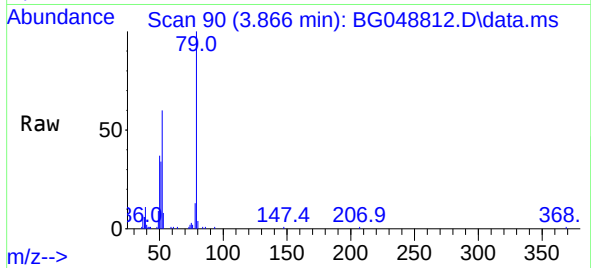


#3  
Pyridine  
Concen: 45.06 ng  
RT: 3.866 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion: 79 Resp: 54928  
Ion Ratio Lower Upper  
79 100  
52 60.1 58.4 87.6  
51 34.1 37.0 55.6#

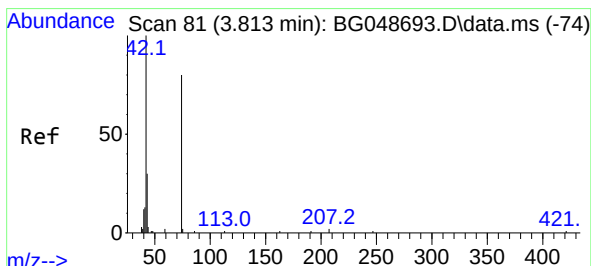
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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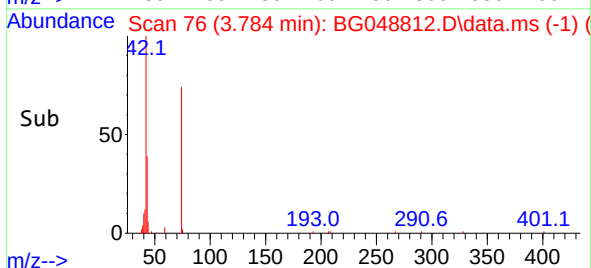
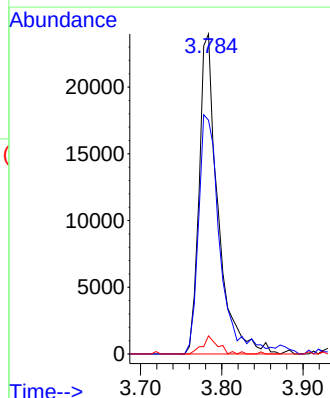
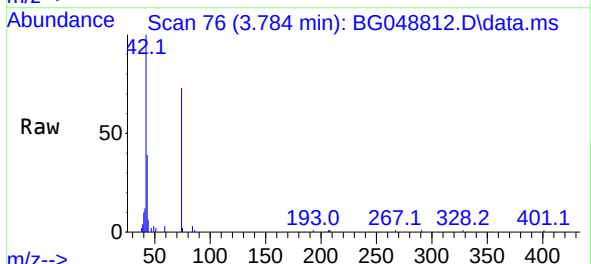
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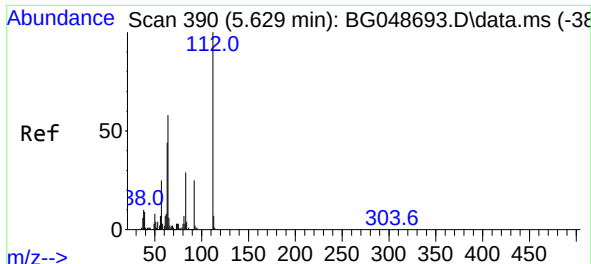
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#4  
n-Nitrosodimethylamine  
Concen: 41.51 ng  
RT: 3.784 min Scan# 76  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion: 42 Resp: 38635  
Ion Ratio Lower Upper  
42 100  
74 73.0 64.0 96.0  
44 5.6 2.7 4.1#



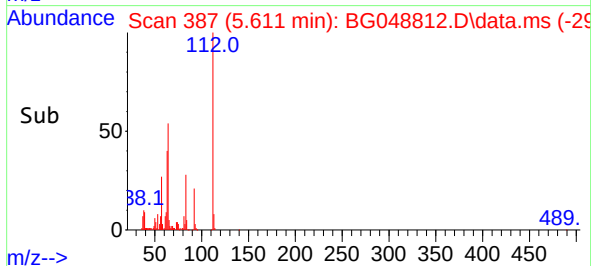
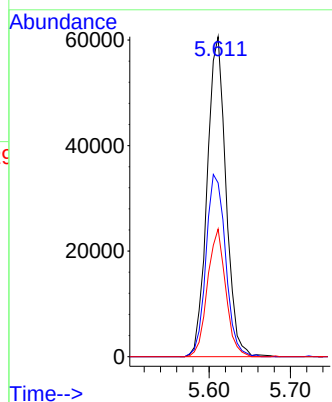
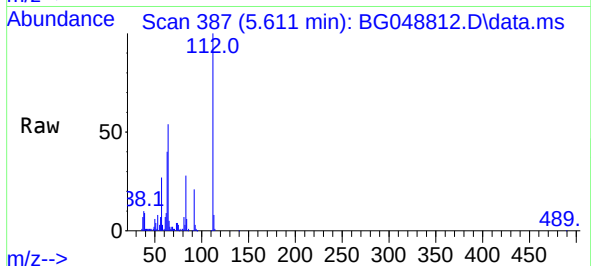


#5  
2-Fluorophenol  
Concen: 81.63 ng  
RT: 5.611 min Scan# 387  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 97441 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 54.3  | 46.7  | 70.1  |
| 63        | 39.9  | 35.3  | 52.9  |

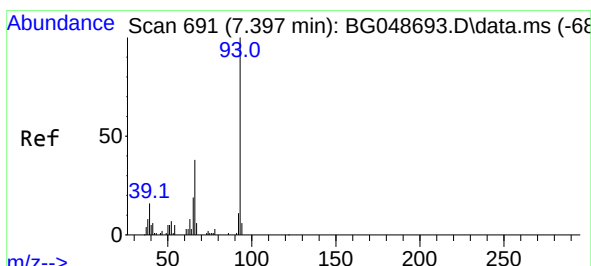
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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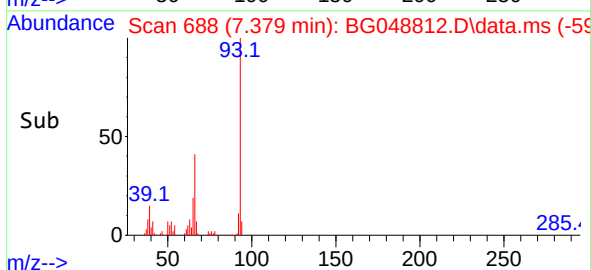
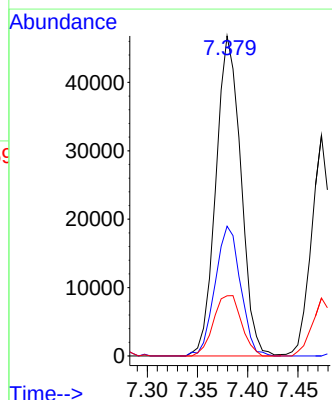
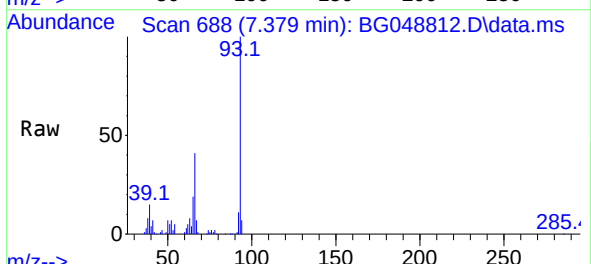
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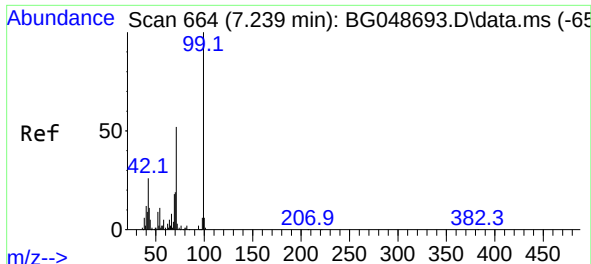
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#6  
Aniline  
Concen: 42.77 ng  
RT: 7.379 min Scan# 688  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 81054 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 40.5  | 30.6  | 45.8  |
| 65        | 18.8  | 15.0  | 22.4  |



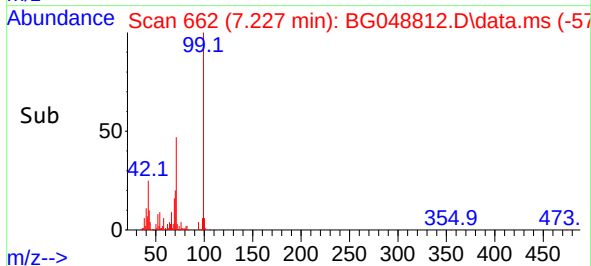
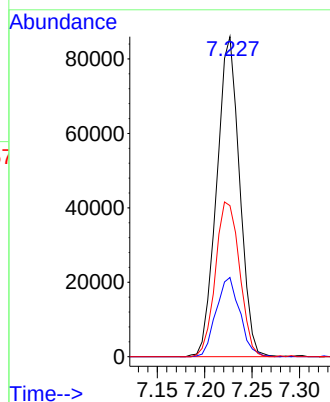
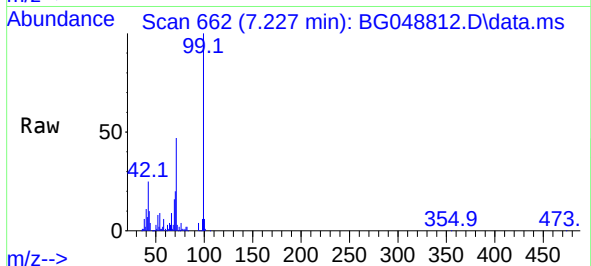


#7  
Phenol-d6  
Concen: 85.50 ng  
RT: 7.227 min Scan# 662  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 144361 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 24.8  | 20.5  | 30.7   |
| 71       | 47.2  | 41.5  | 62.3   |

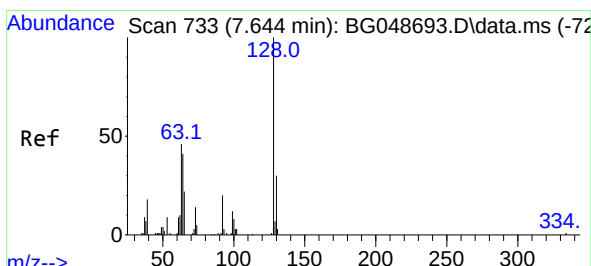
Instrument :  
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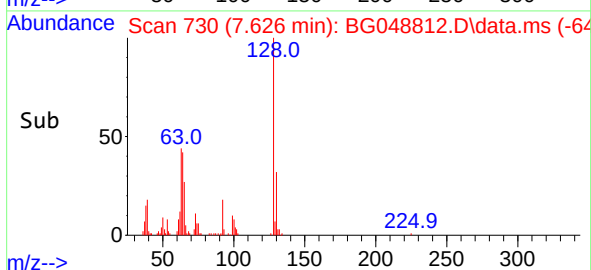
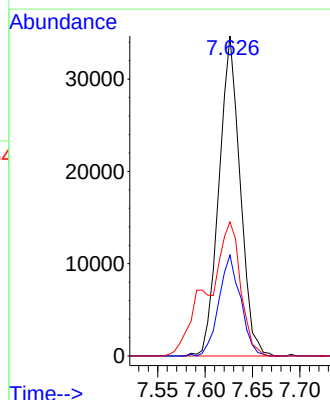
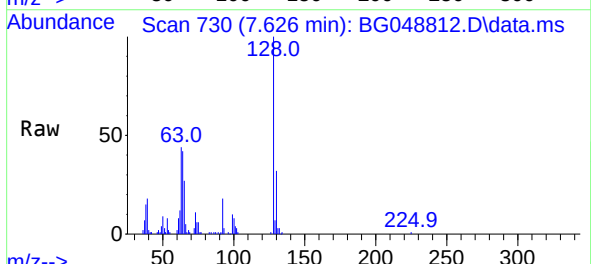
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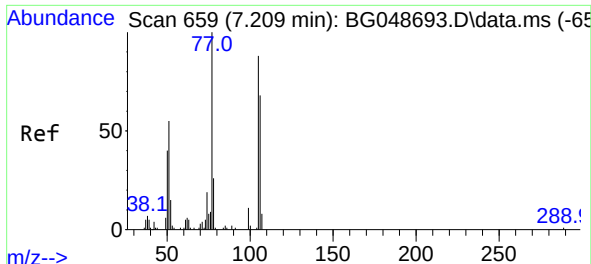
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#8  
2-Chlorophenol  
Concen: 42.54 ng  
RT: 7.626 min Scan# 730  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 53867 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 31.5  | 10.0  | 50.0  |
| 64       | 41.9  | 28.1  | 68.1  |



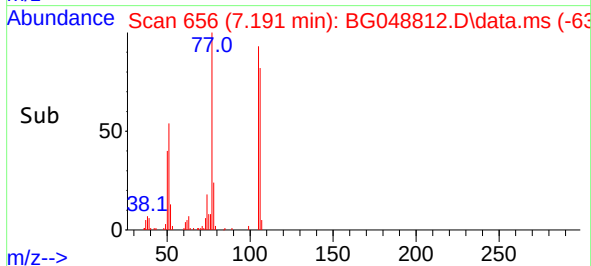
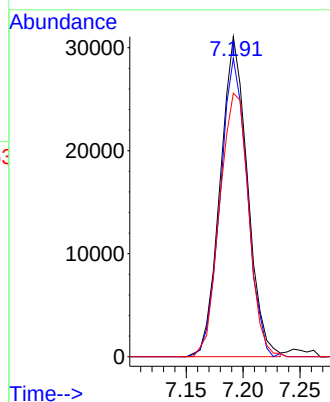
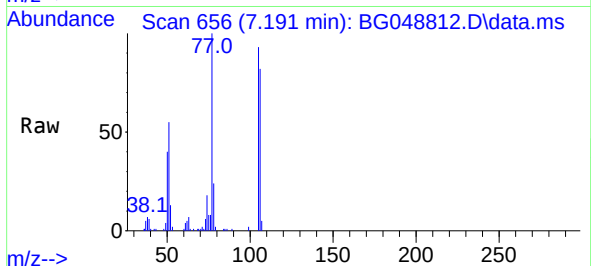


#9  
Benzaldehyde  
Concen: 46.28 ng  
RT: 7.191 min Scan# 656  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 51772 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 93.2  | 68.8  | 108.8 |
| 106       | 82.3  | 47.9  | 87.9  |

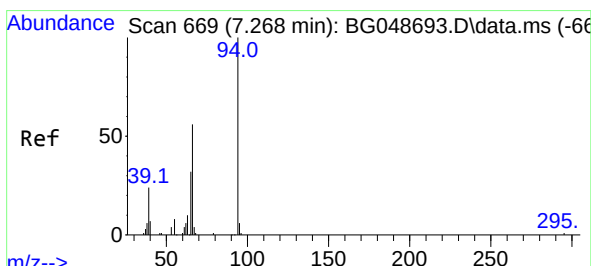
Instrument :  
BNA\_G  
ClientSampleId :  
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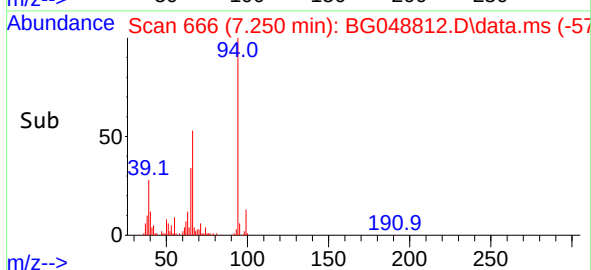
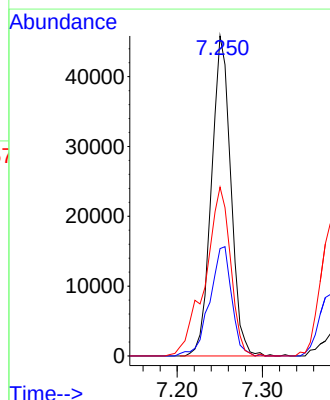
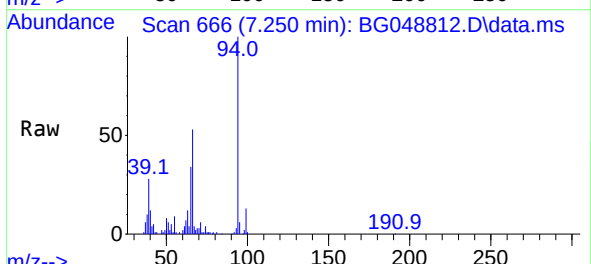
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4/22/2021 12:09:26 PM

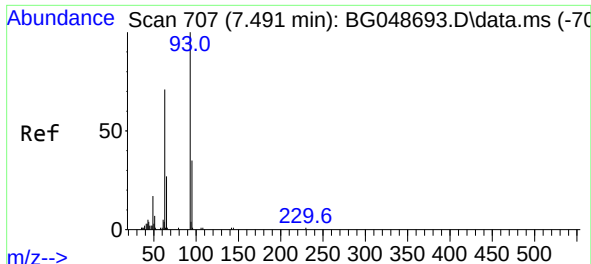


#10  
Phenol  
Concen: 43.56 ng  
RT: 7.250 min Scan# 666  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 94    | Resp: | 72325 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 33.5  | 12.9  | 52.9  |
| 66        | 52.7  | 39.4  | 79.4  |





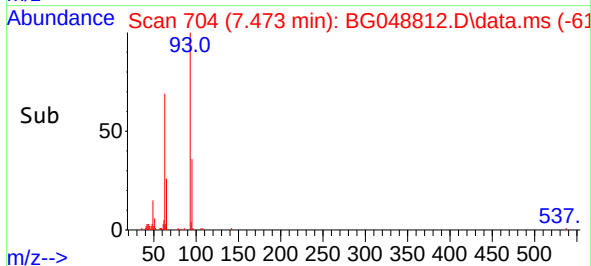
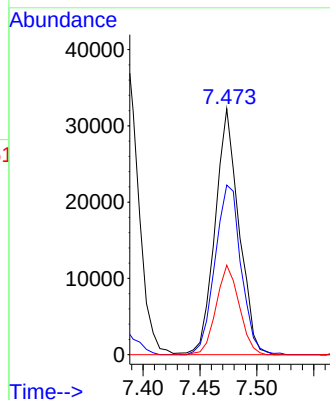
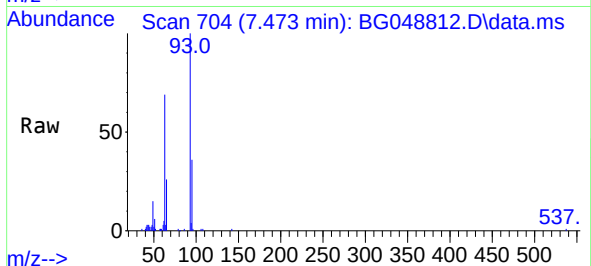


#11  
bis(2-Chloroethyl)ether  
Concen: 42.07 ng  
RT: 7.473 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 47077 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 69.0     | 50.4 90.4   |
| 95 36.4     | 15.3 55.3   |

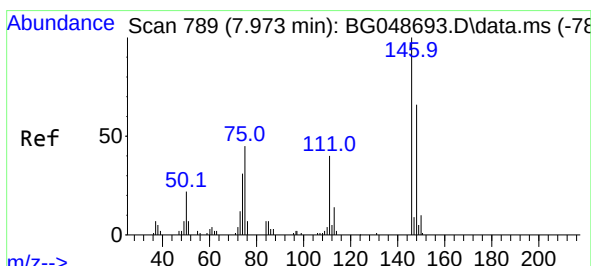
Instrument :  
BNA\_G  
ClientSampleId :  
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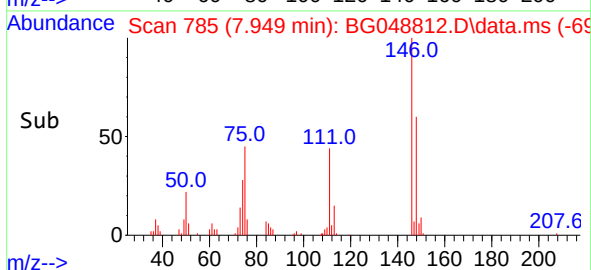
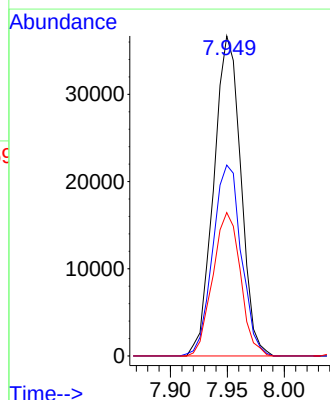
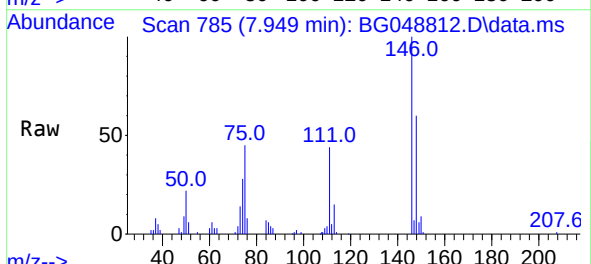
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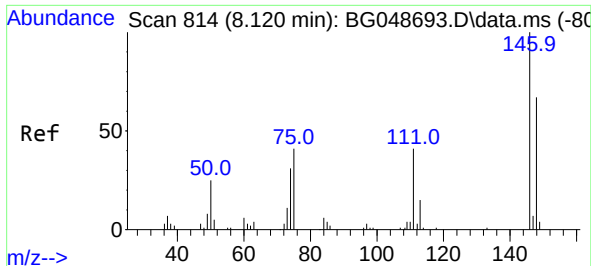
4/22/2021 12:09:26 PM



#12  
1,3-Dichlorobenzene  
Concen: 41.76 ng  
RT: 7.949 min Scan# 785  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|             |             |       |  |
|-------------|-------------|-------|--|
| Tgt Ion:146 | Resp: 60807 |       |  |
| Ion Ratio   | Lower       | Upper |  |
| 146 100     |             |       |  |
| 148 59.6    | 52.6        | 78.8  |  |
| 75 44.8     | 35.7        | 53.5  |  |



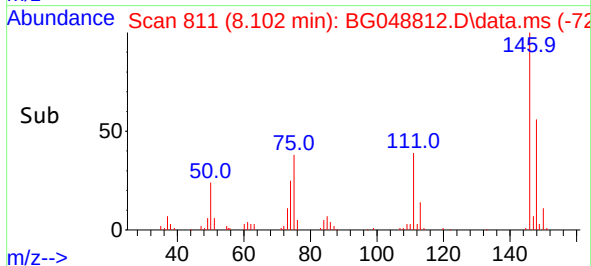
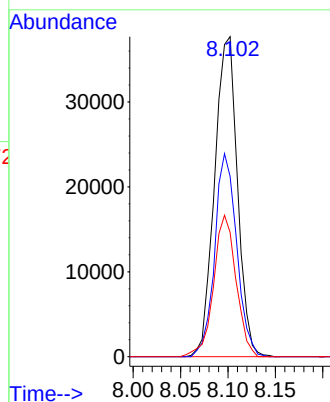
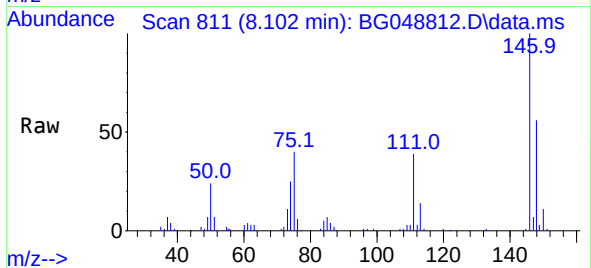


#13  
1,4-Dichlorobenzene  
Concen: 42.67 ng  
RT: 8.102 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion:146 Resp: 63312  
Ion Ratio Lower Upper  
146 100  
148 56.3 54.0 81.0  
111 38.8 34.3 51.5

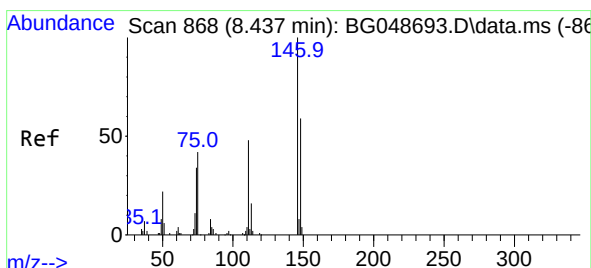
Instrument :  
BNA\_G  
ClientSampleId :  
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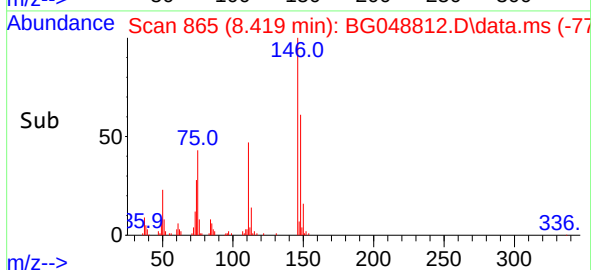
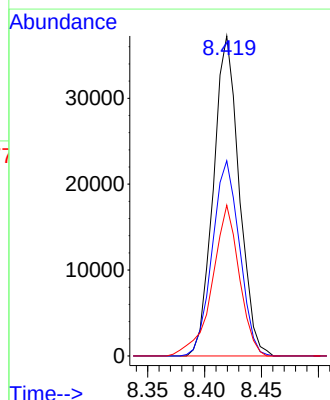
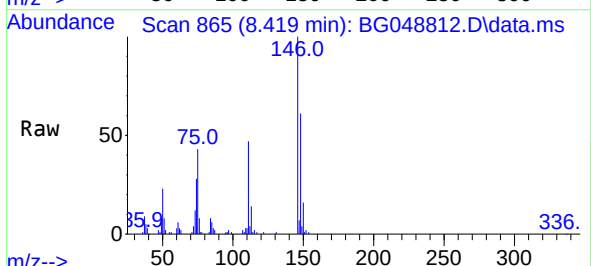
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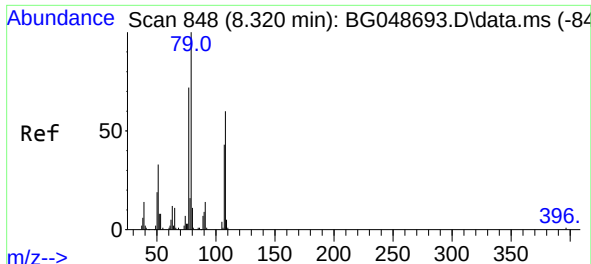
4/22/2021 12:09:26 PM



#14  
1,2-Dichlorobenzene  
Concen: 42.96 ng  
RT: 8.419 min Scan# 865  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion:146 Resp: 58811  
Ion Ratio Lower Upper  
146 100  
148 61.0 47.5 71.3  
111 47.1 39.1 58.7





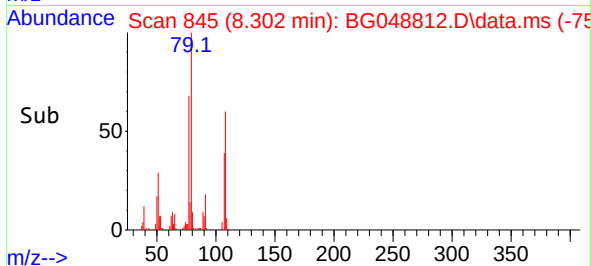
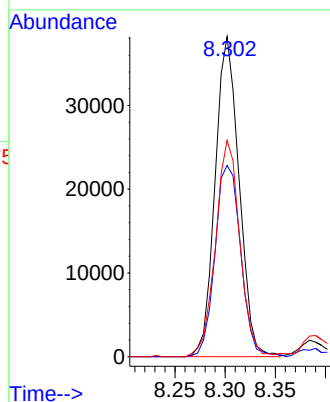
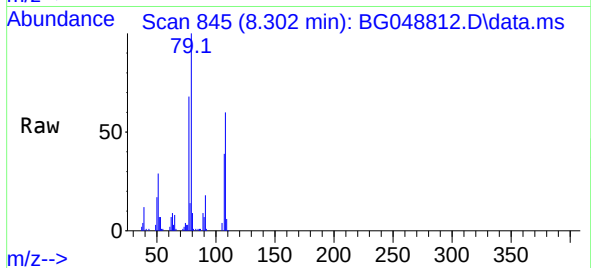
#15  
Benzyl Alcohol  
Concen: 42.53 ng  
RT: 8.302 min Scan# 845  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 63270

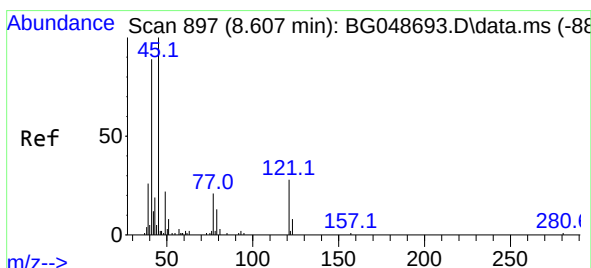
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 59.7  | 48.2  | 72.4  |
| 77  | 67.6  | 57.3  | 85.9  |

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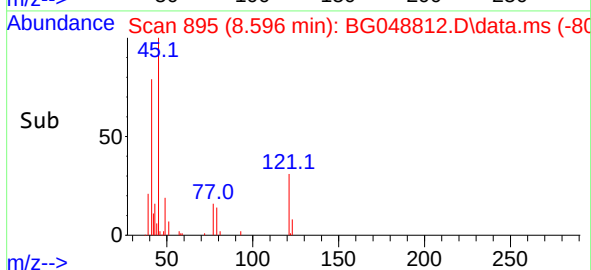
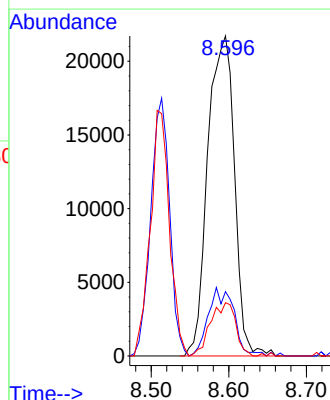
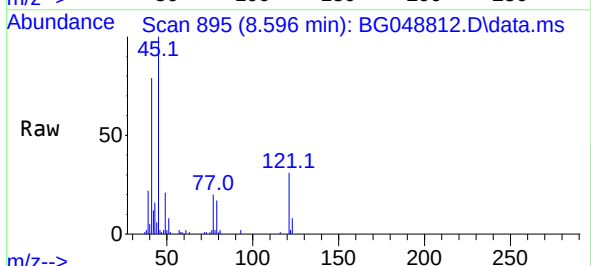
4/22/2021 12:09:26 PM

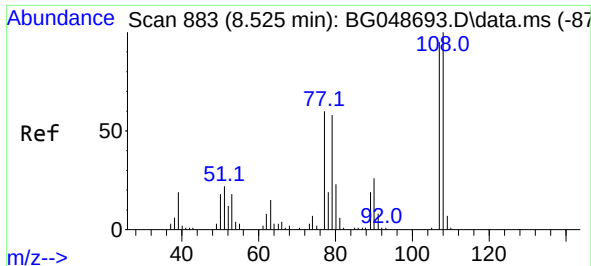


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.81 ng  
RT: 8.596 min Scan# 895  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion: 45 Resp: 51919

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 20.1  | 2.2   | 42.2  |
| 79  | 16.7  | 0.0   | 34.3  |



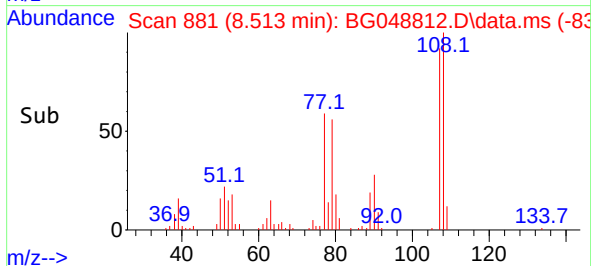
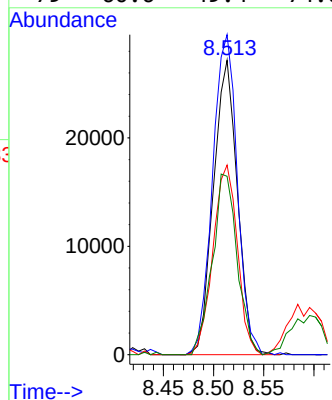
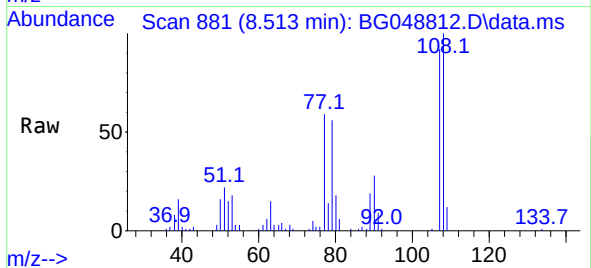


#17  
2-Methylphenol  
Concen: 42.36 ng  
RT: 8.513 min Scan# 881  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 44896 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 108.7 | 84.6  | 127.0 |
| 77       | 64.4  | 50.7  | 76.1  |
| 79       | 60.6  | 49.4  | 74.0  |

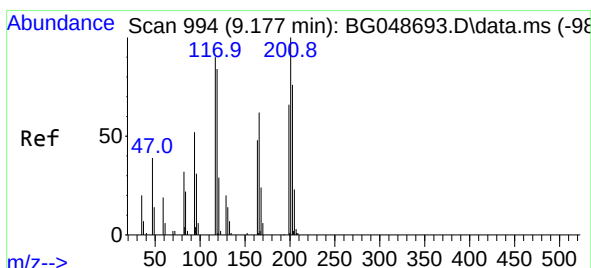
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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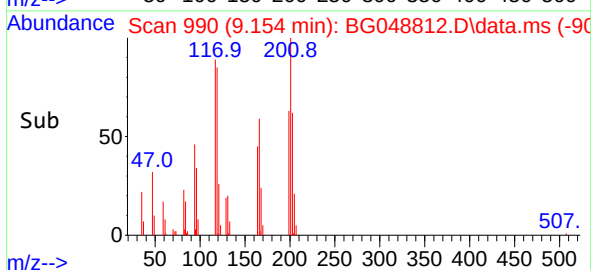
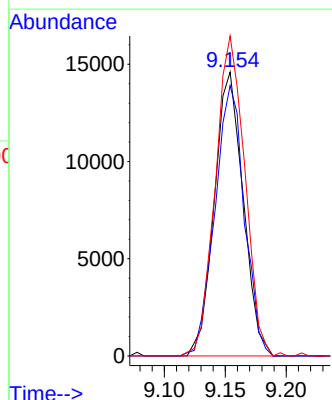
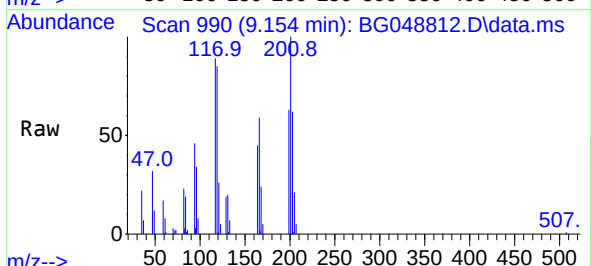
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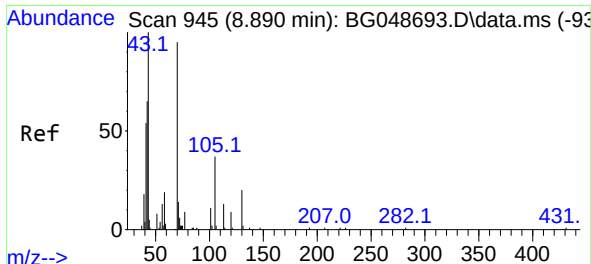
4/22/2021 12:09:26 PM



#18  
Hexachloroethane  
Concen: 41.03 ng  
RT: 9.154 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

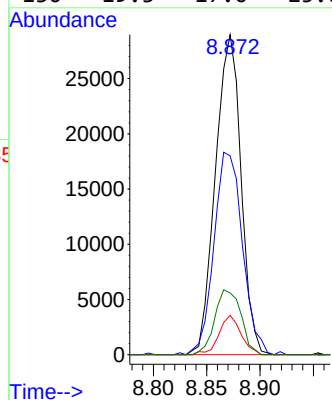
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 23913 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.2  | 74.4  | 111.6 |
| 201      | 112.7 | 88.6  | 133.0 |





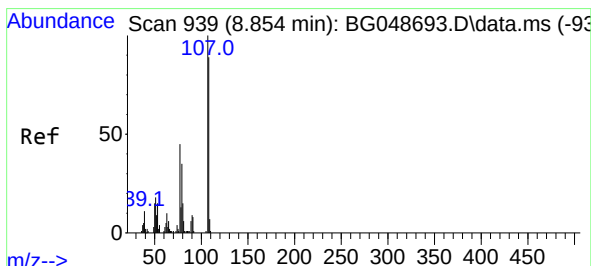
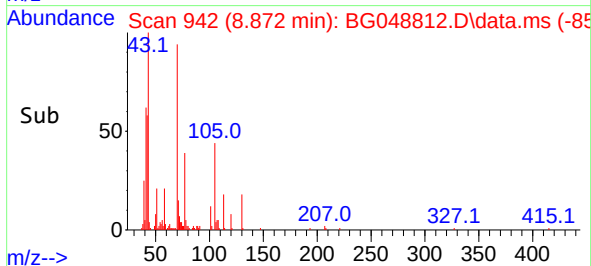
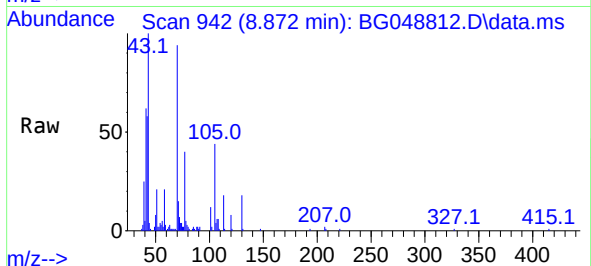
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.42 ng  
RT: 8.872 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 48320 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 62.1  | 54.5  | 81.7  |
| 101      | 12.3  | 9.0   | 13.6  |
| 130      | 19.3  | 17.0  | 25.6  |



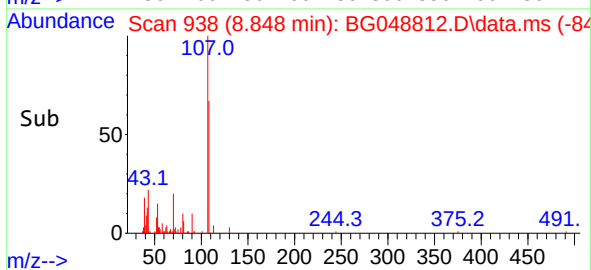
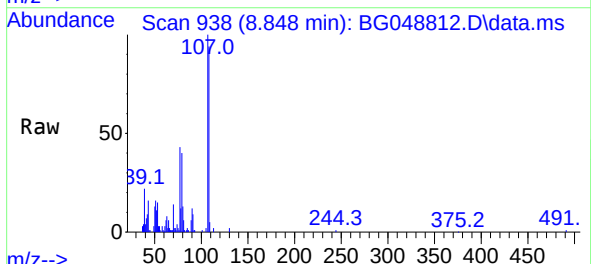
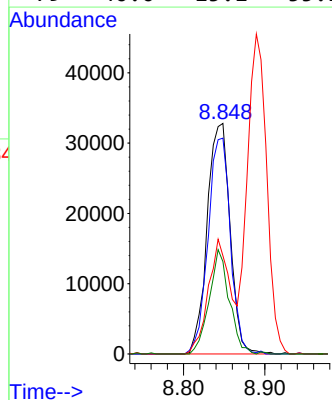
Instrument :  
BNA\_G  
ClientSampleId :  
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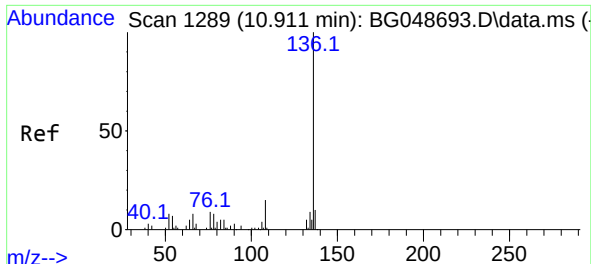
#20  
3+4-Methylphenols  
Concen: 43.91 ng  
RT: 8.848 min Scan# 938  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 64221 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 93.6  | 69.3  | 109.3 |
| 77       | 42.6  | 25.2  | 65.2  |
| 79       | 40.0  | 15.1  | 55.1  |



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4/22/2021 12:09:26 PM

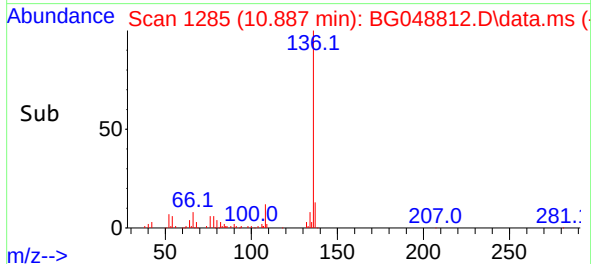
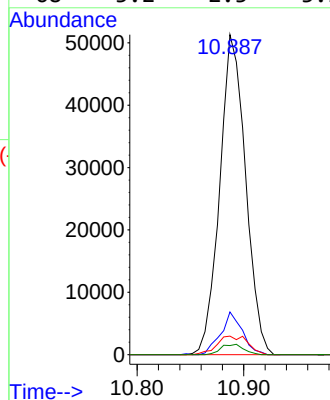
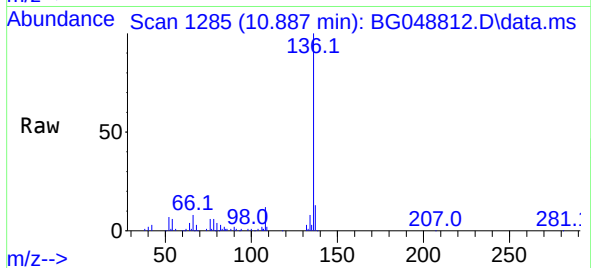


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.887 min Scan# 1285  
Delta R.T. -0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 86303 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 13.3  | 8.2   | 12.2# |
| 54        | 5.8   | 5.5   | 8.3   |
| 68        | 3.2   | 2.3   | 3.5   |

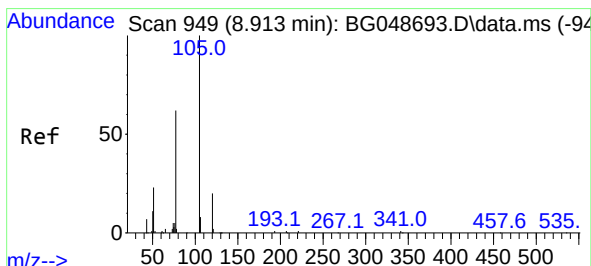
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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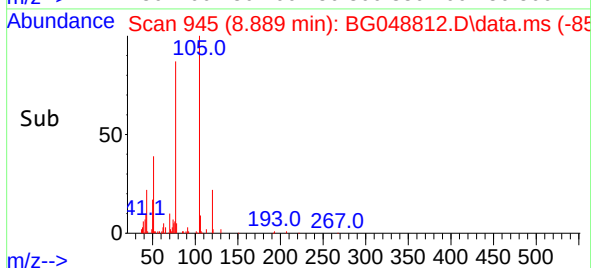
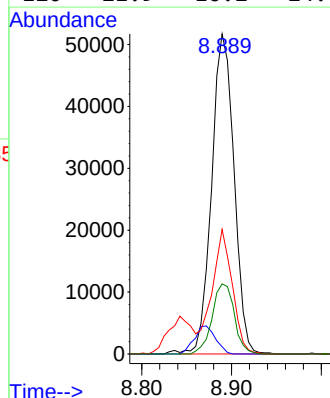
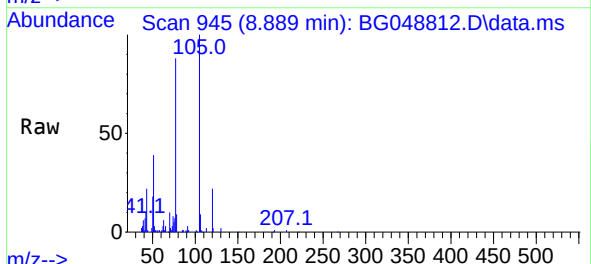
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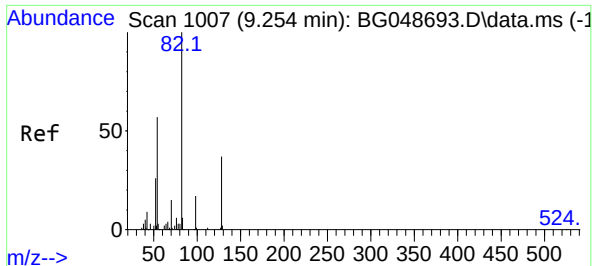
4/22/2021 12:09:26 PM



#22  
Acetophenone  
Concen: 39.79 ng  
RT: 8.889 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 89372 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 2.3   | 0.6   | 0.8#  |
| 51        | 38.9  | 26.6  | 40.0  |
| 120       | 21.9  | 16.2  | 24.4  |



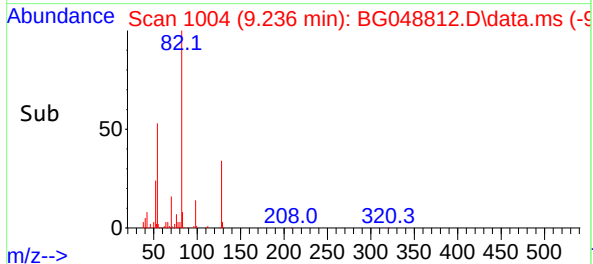
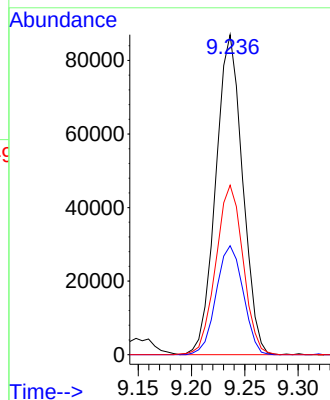
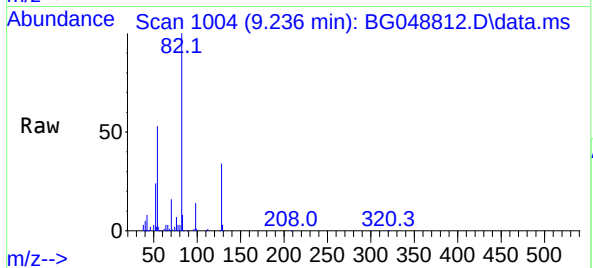


#23  
Nitrobenzene-d5  
Concen: 78.83 ng  
RT: 9.236 min Scan# 1004  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 151968 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 34.1  | 29.8  | 44.6   |
| 54        | 52.9  | 45.8  | 68.8   |

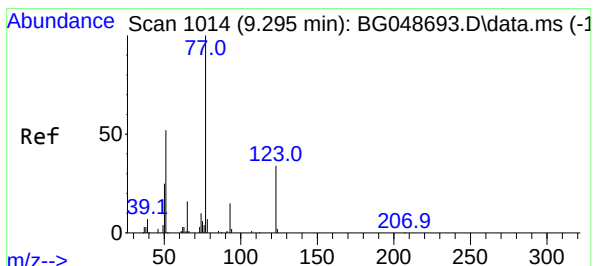
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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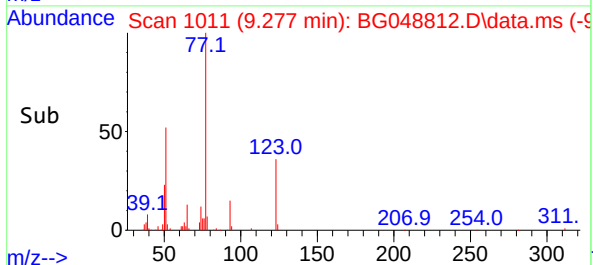
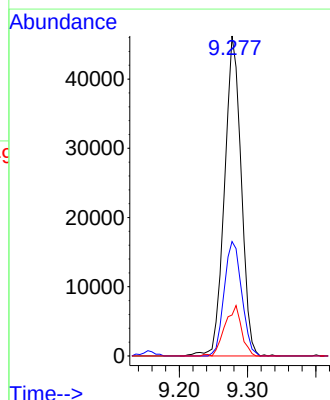
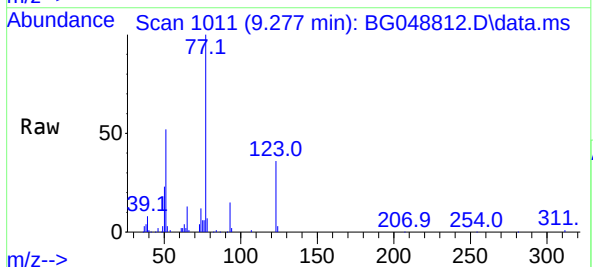
mohammad

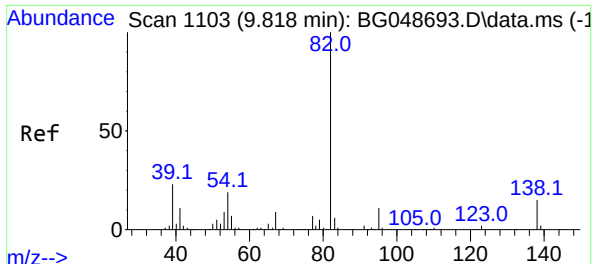
4/22/2021 12:09:26 PM



#24  
Nitrobenzene  
Concen: 40.93 ng  
RT: 9.277 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 78692 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 123       | 35.7  | 27.5  | 41.3  |
| 65        | 12.8  | 12.6  | 18.8  |



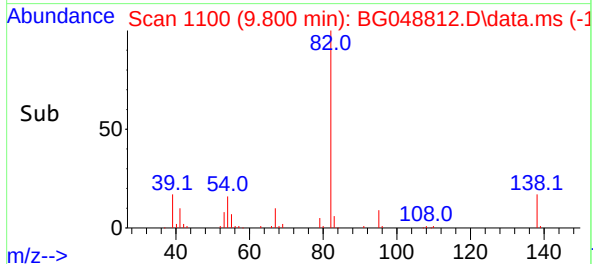
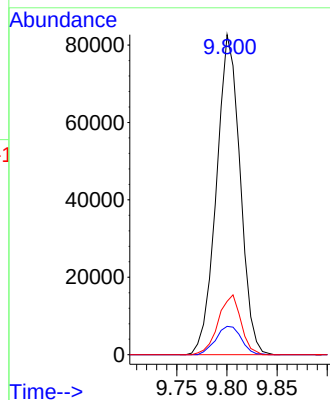
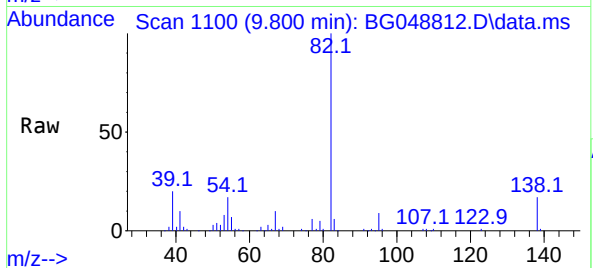


#25  
Isophorone  
Concen: 39.74 ng  
RT: 9.800 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 135462 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.9   | 8.5   | 12.7   |
| 138       | 16.6  | 11.8  | 17.6   |

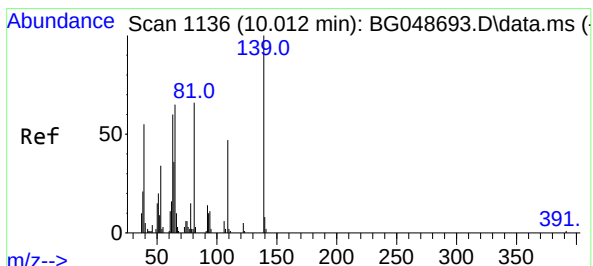
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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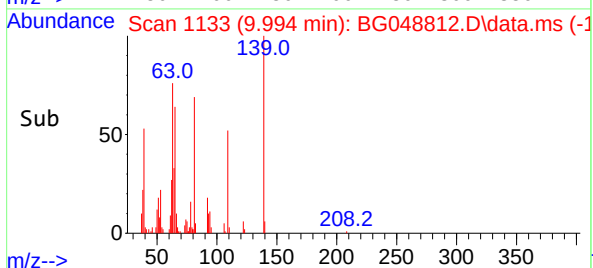
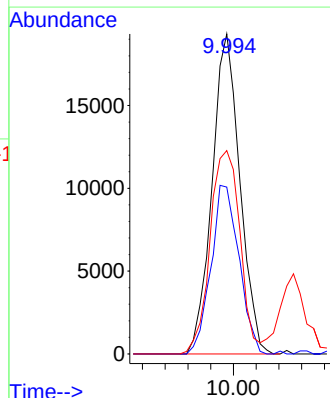
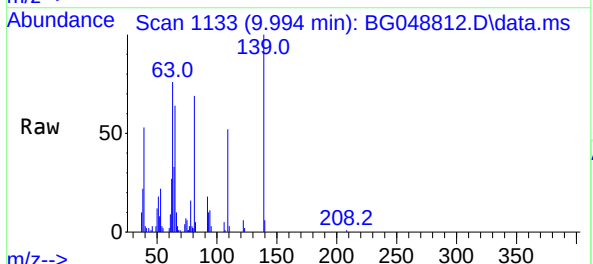
mohammad

4/22/2021 12:09:26 PM

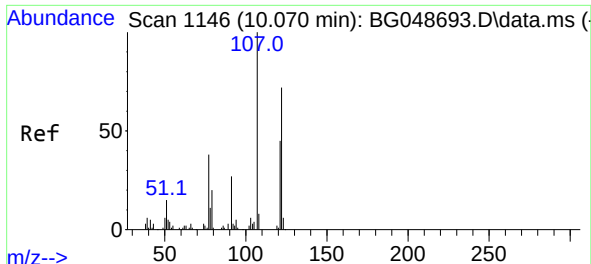


#26  
2-Nitrophenol  
Concen: 39.43 ng  
RT: 9.994 min Scan# 1133  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 32814 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 52.1  | 37.8  | 56.6  |
| 65        | 63.6  | 51.8  | 77.8  |





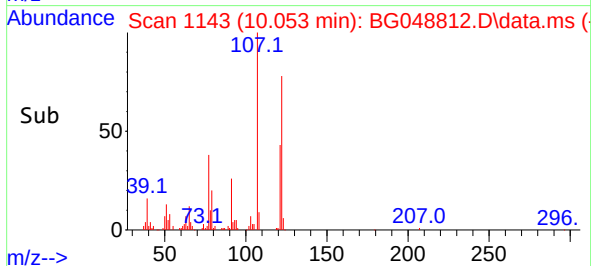
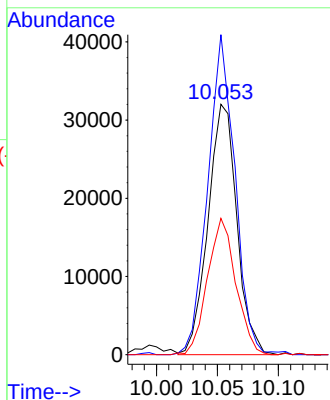
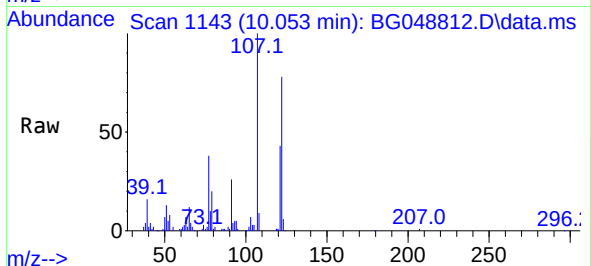


#27  
2,4-Dimethylphenol  
Concen: 41.23 ng  
RT: 10.053 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

| Tgt Ion: | 122   | Resp: | 52746 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 127.8 | 110.1 | 165.1 |
| 121      | 54.4  | 49.0  | 73.6  |

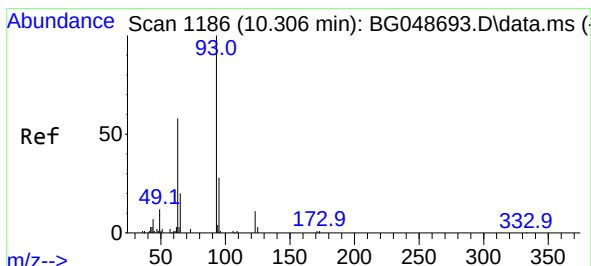
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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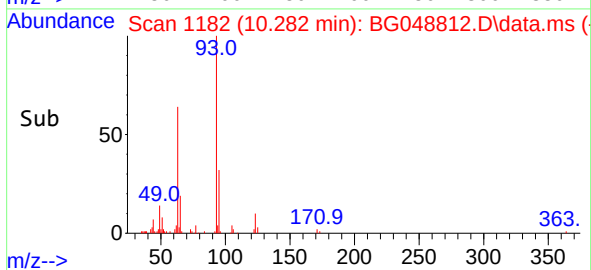
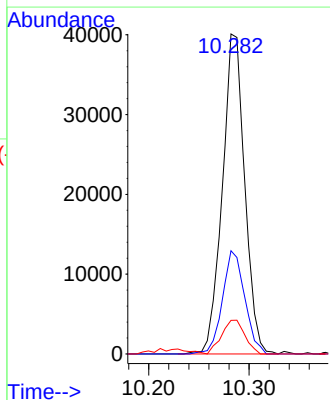
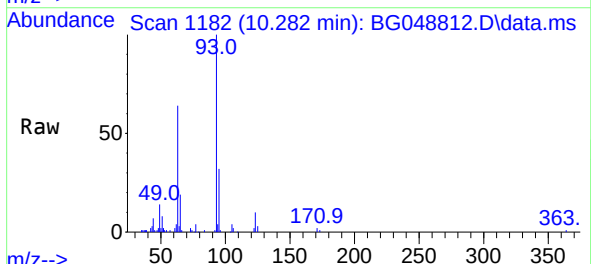
mohammad

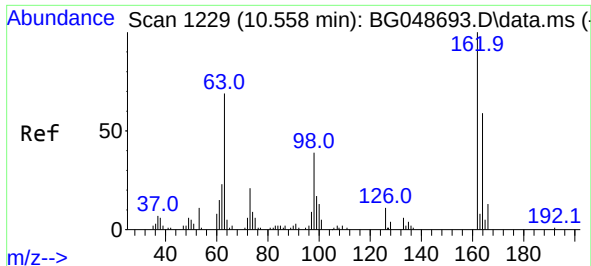
4/22/2021 12:09:26 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.76 ng  
RT: 10.282 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

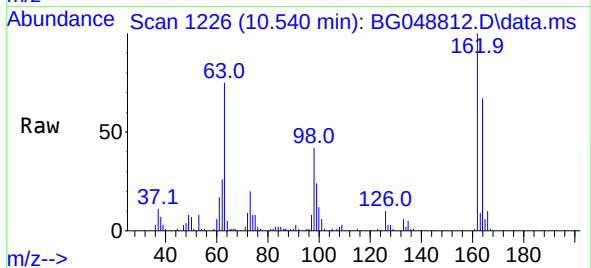
| Tgt Ion: | 93    | Resp: | 62023 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 32.2  | 22.2  | 33.4  |
| 123      | 10.5  | 8.8   | 13.2  |





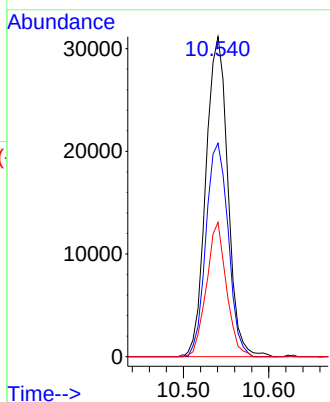
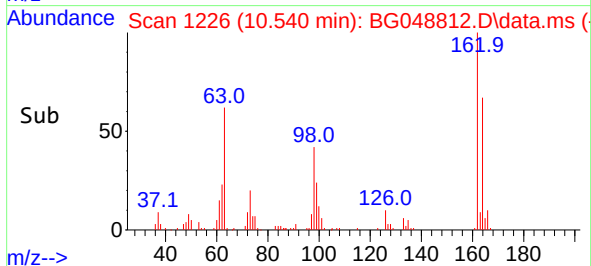
#29  
2,4-Dichlorophenol  
Concen: 38.55 ng  
RT: 10.540 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



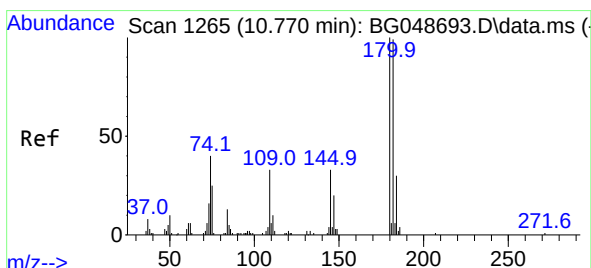
Tgt Ion:162 Resp: 55629  
Ion Ratio Lower Upper  
162 100  
164 66.7 39.4 79.4  
98 42.0 18.7 58.7

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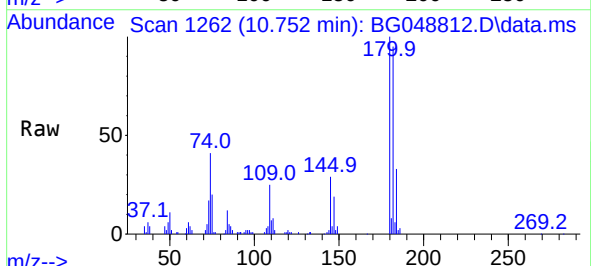


mohammad

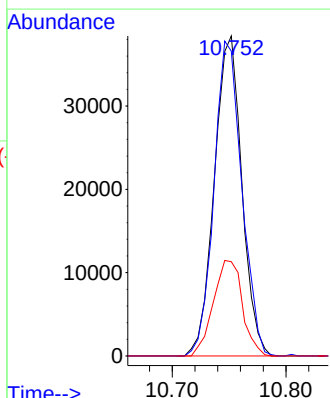
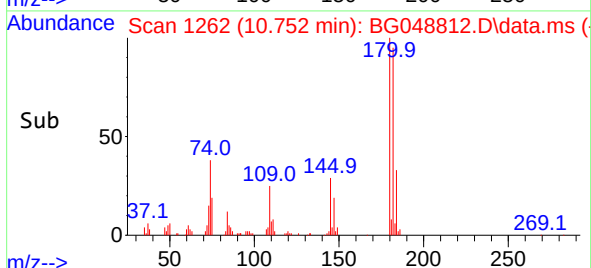
4/22/2021 12:09:26 PM

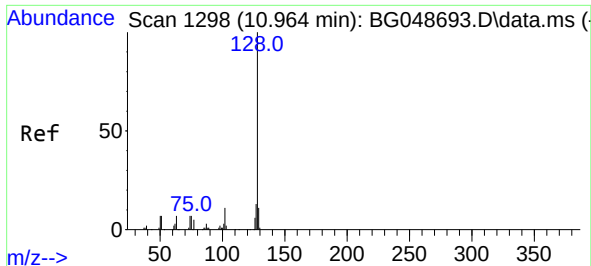


#30  
1,2,4-Trichlorobenzene  
Concen: 38.52 ng  
RT: 10.752 min Scan# 1262  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02



Tgt Ion:180 Resp: 64451  
Ion Ratio Lower Upper  
180 100  
182 95.2 78.9 118.3  
145 29.5 26.2 39.4



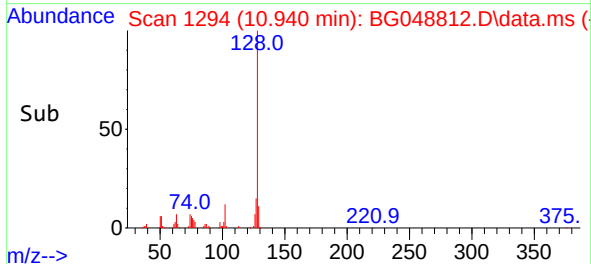
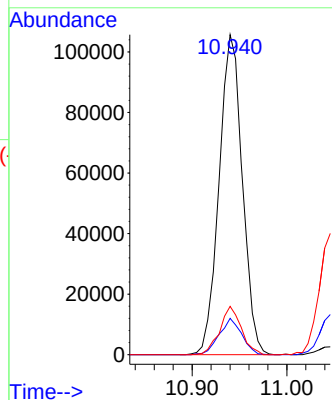
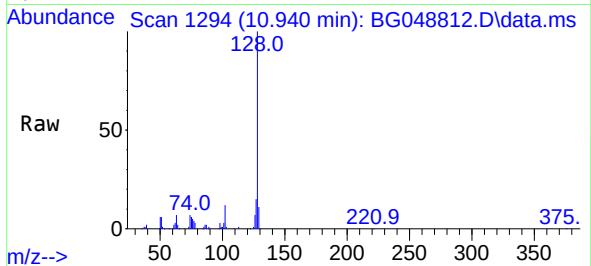


#31  
Naphthalene  
Concen: 40.70 ng  
RT: 10.940 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 180244 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.3  | 8.5   | 12.7   |
| 127       | 15.1  | 10.2  | 15.4   |

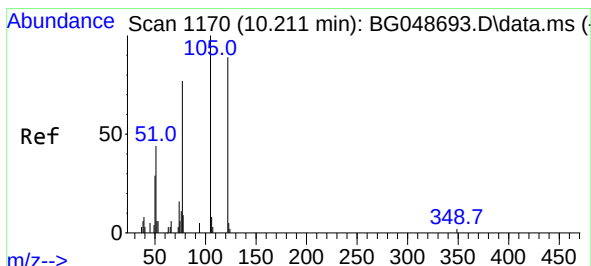
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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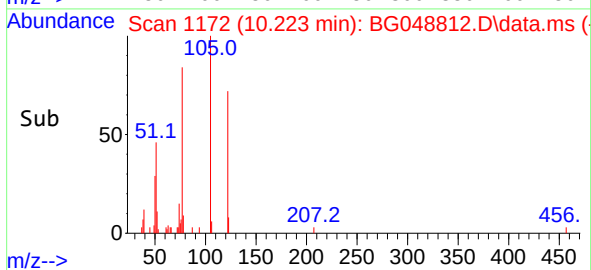
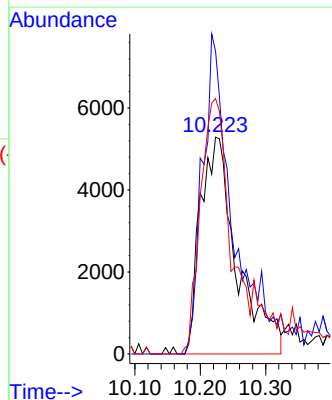
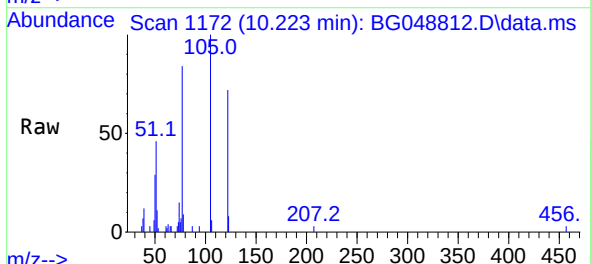
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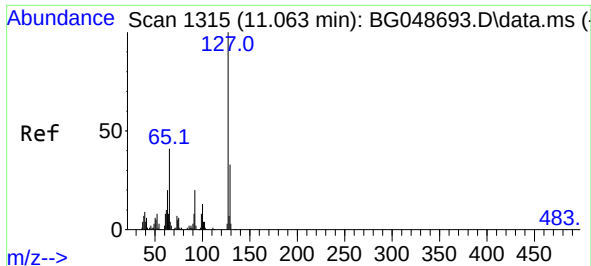
4/22/2021 12:09:26 PM



#32  
Benzoic acid  
Concen: 27.51 ng m  
RT: 10.223 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 20618  |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 139.6 | 92.3  | 132.3# |
| 77        | 117.8 | 66.5  | 106.5# |



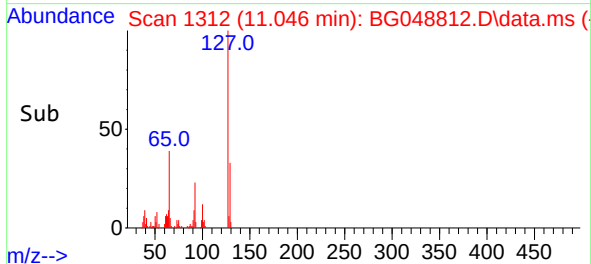
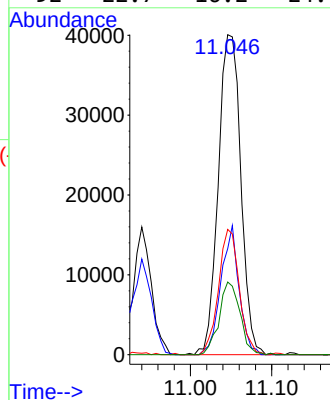
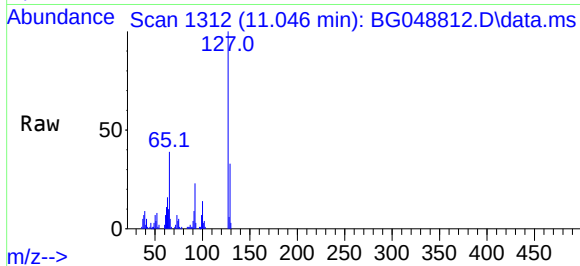


#33  
4-Chloroaniline  
Concen: 41.95 ng  
RT: 11.046 min Scan# 1312  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 77302 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 33.1  | 26.7  | 40.1  |
| 65        | 39.1  | 32.8  | 49.2  |
| 92        | 22.7  | 16.2  | 24.4  |

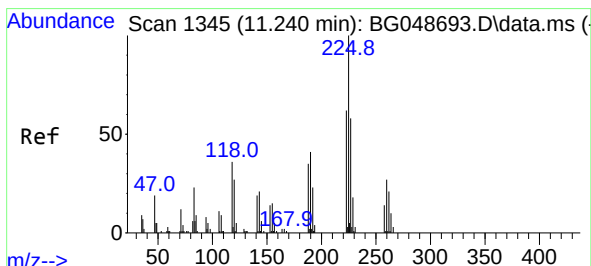
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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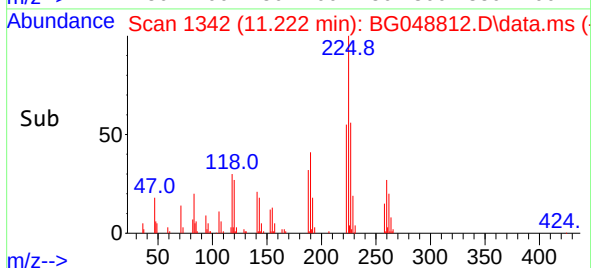
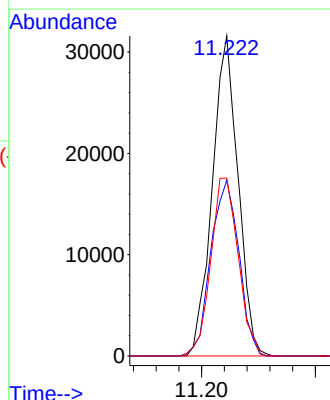
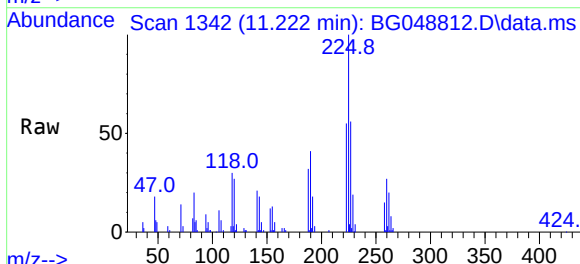
mohammad

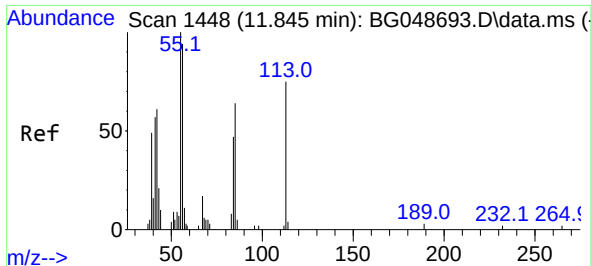
4/22/2021 12:09:26 PM



#34  
Hexachlorobutadiene  
Concen: 39.99 ng  
RT: 11.222 min Scan# 1342  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

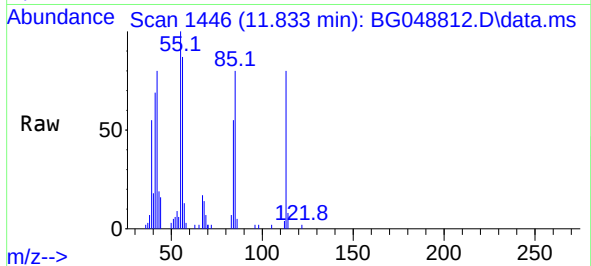
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 49671 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 54.9  | 49.8  | 74.8  |
| 227       | 57.6  | 46.4  | 69.6  |





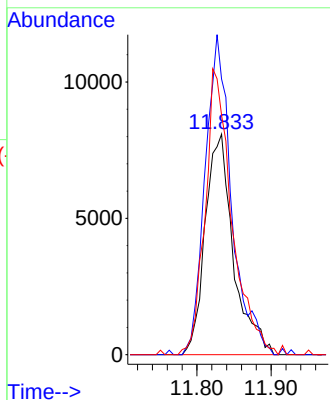
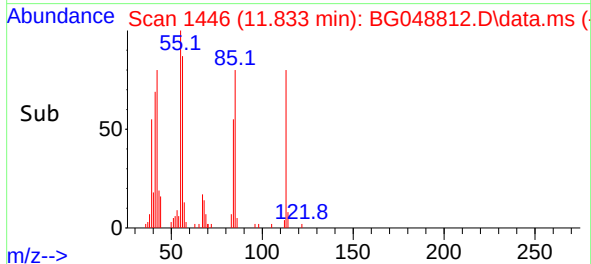
#35  
Caprolactam  
Concen: 43.58 ng  
RT: 11.833 min Scan# 1446  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



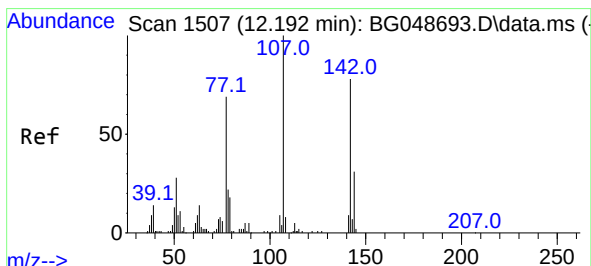
Tgt Ion:113 Resp: 21368  
Ion Ratio Lower Upper  
113 100  
55 125.0 113.8 153.8  
56 108.6 105.6 145.6

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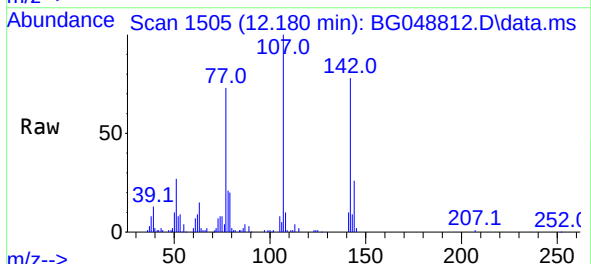


mohammad

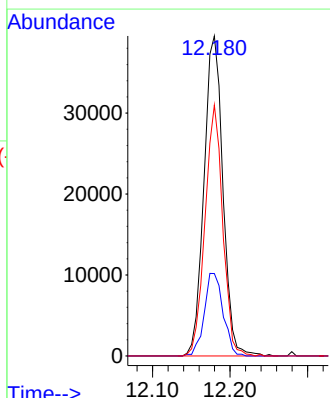
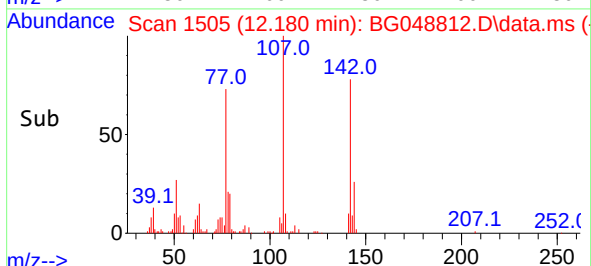
4/22/2021 12:09:26 PM

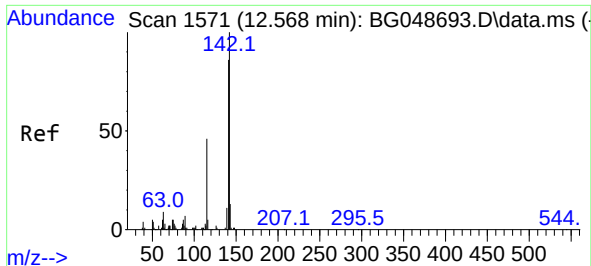


#36  
4-Chloro-3-methylphenol  
Concen: 40.98 ng  
RT: 12.180 min Scan# 1505  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02



Tgt Ion:107 Resp: 66962  
Ion Ratio Lower Upper  
107 100  
144 25.7 24.8 37.2  
142 78.4 62.2 93.4



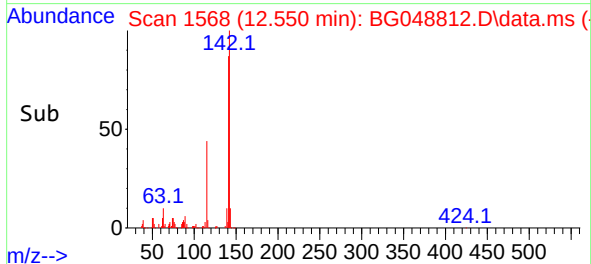
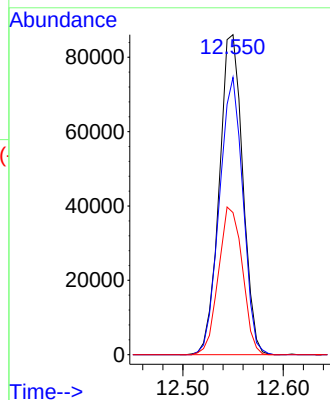
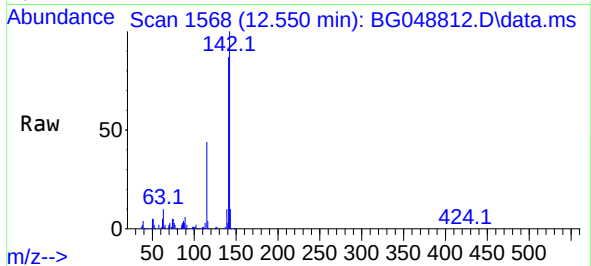


#37  
2-Methylnaphthalene  
Concen: 39.50 ng  
RT: 12.550 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

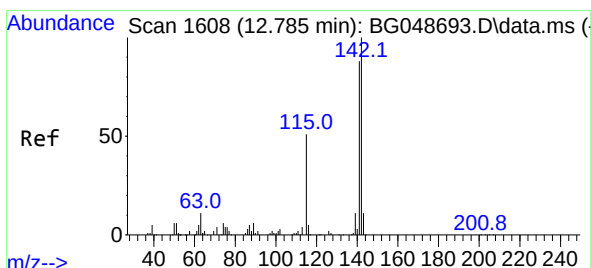
Tgt Ion:142 Resp: 139769  
Ion Ratio Lower Upper  
142 100  
141 86.6 68.8 103.2  
115 44.4 36.4 54.6

Manual Integrations  
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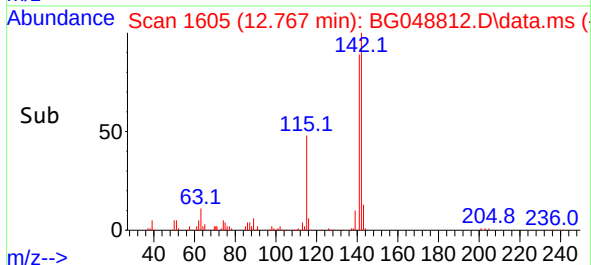
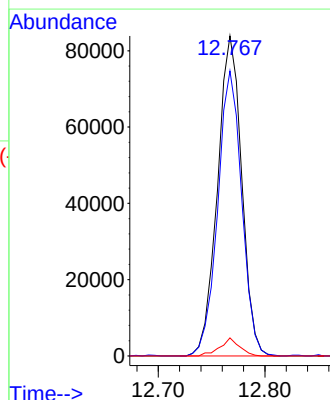
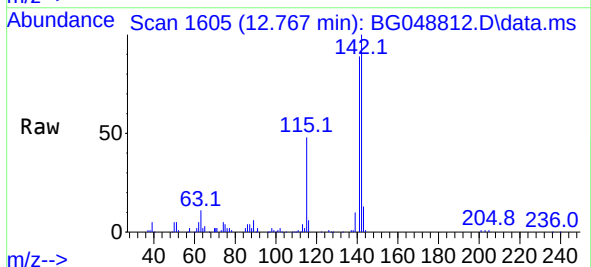
mohammad

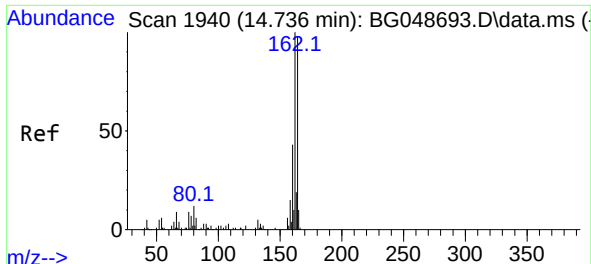
4/22/2021 12:09:26 PM



#38  
1-Methylnaphthalene  
Concen: 40.14 ng  
RT: 12.767 min Scan# 1605  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion:142 Resp: 132155  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.6 106.0  
116 5.6 4.0 6.0



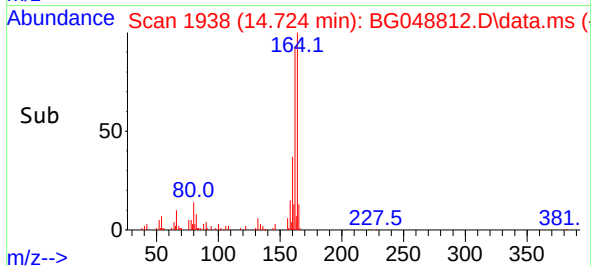
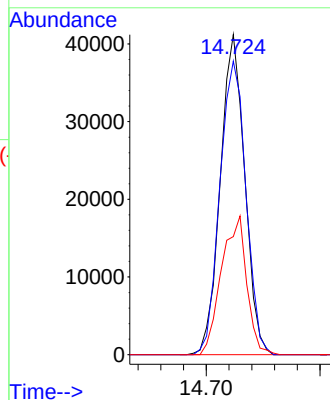
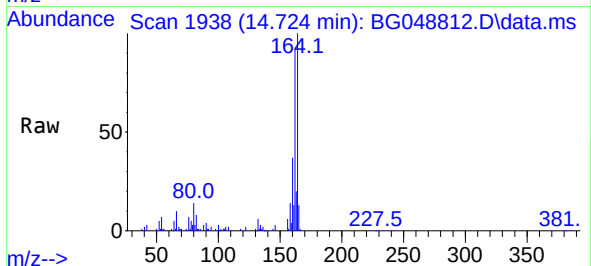


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.724 min Scan# 1938  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 61355 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 91.7  | 81.4  | 122.0 |
| 160       | 36.9  | 34.9  | 52.3  |

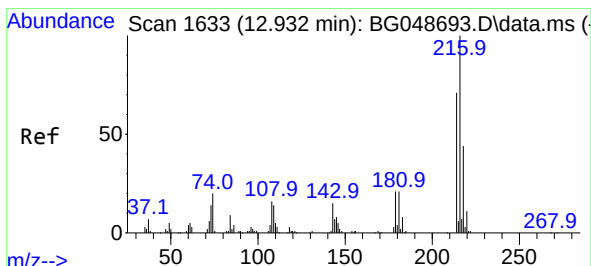
Instrument :  
BNA\_G  
ClientSampleId :  
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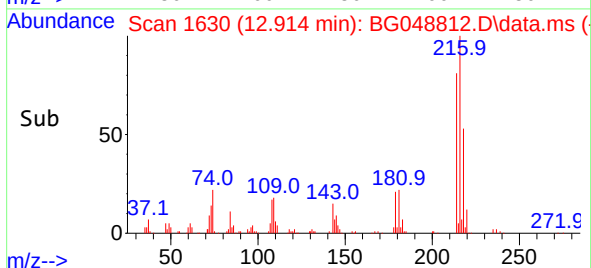
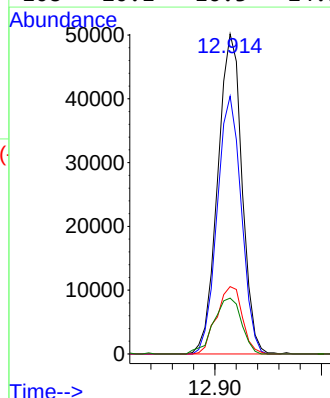
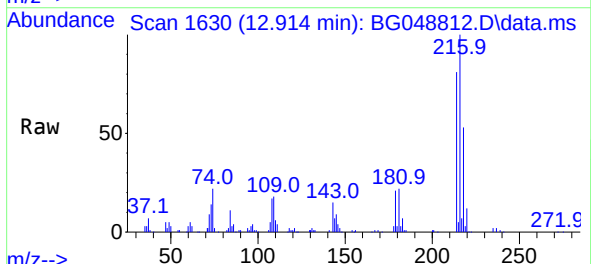
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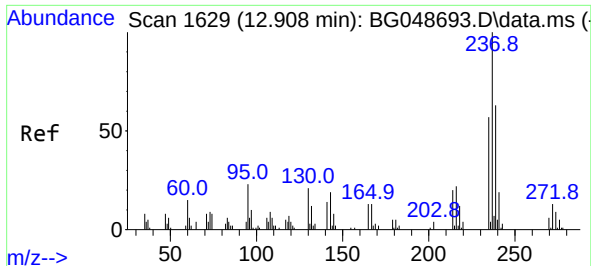
4/22/2021 12:09:26 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.59 ng  
RT: 12.914 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 79069 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 80.2  | 61.4  | 92.2  |
| 179       | 22.4  | 17.3  | 25.9  |
| 108       | 20.1  | 16.3  | 24.5  |



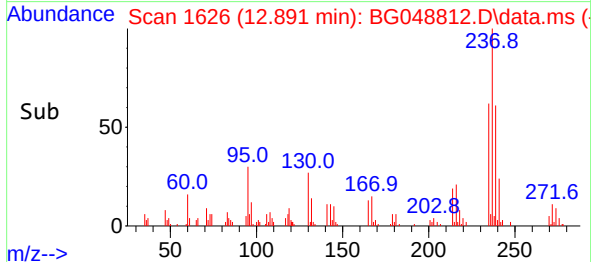
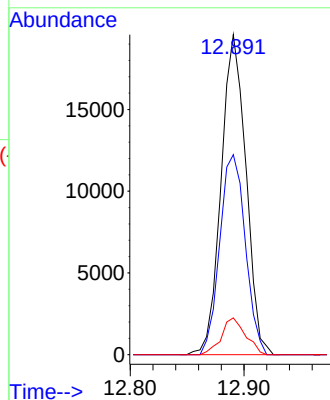
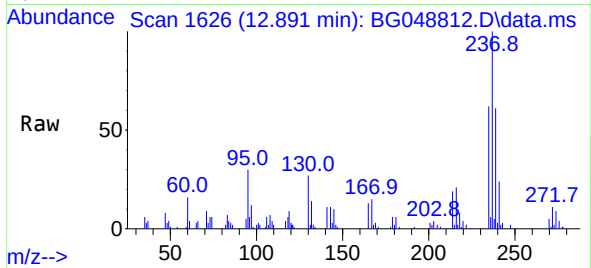


#41  
Hexachlorocyclopentadiene  
Concen: 31.09 ng  
RT: 12.891 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 29653 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 62.5  | 36.6  | 76.6  |
| 272       | 11.5  | 0.0   | 32.5  |

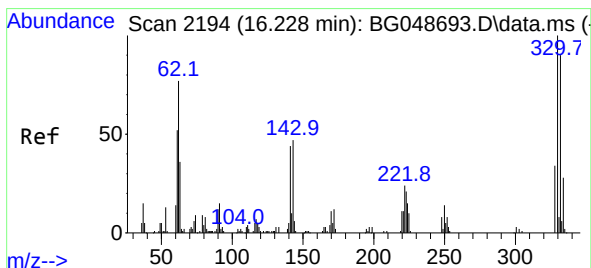
Instrument :  
BNA\_G  
ClientSampleId :  
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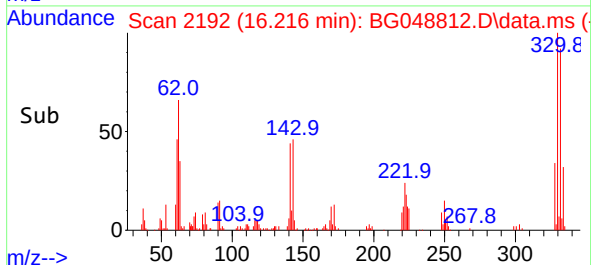
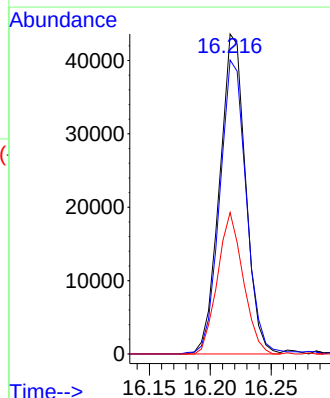
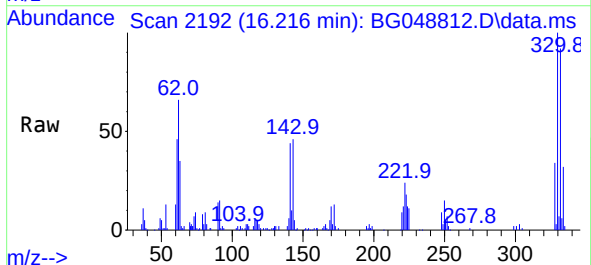
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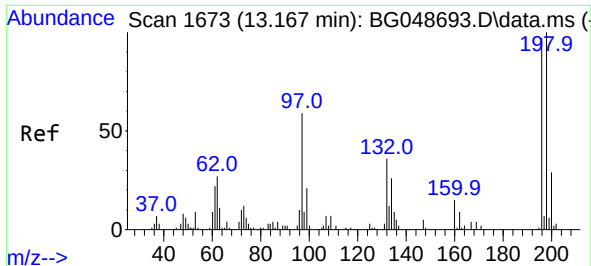


#42  
2,4,6-Tribromophenol  
Concen: 78.56 ng  
RT: 16.216 min Scan# 2192  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 64628 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 93.7  | 77.3  | 115.9 |
| 141       | 43.5  | 35.6  | 53.4  |





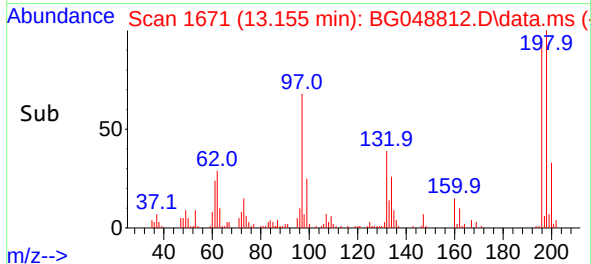
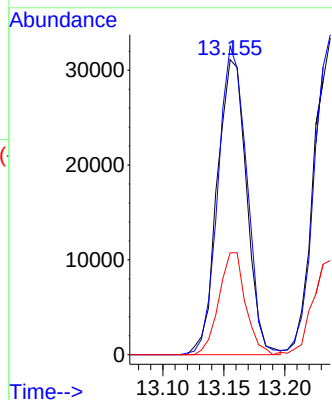
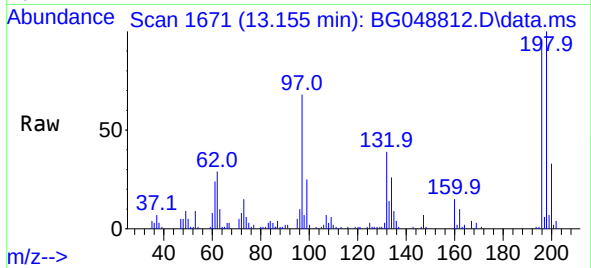


#43  
2,4,6-Trichlorophenol  
Concen: 39.08 ng  
RT: 13.155 min Scan# 1671  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 52093 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 104.5 | 82.1  | 123.1 |
| 200       | 34.5  | 23.8  | 35.8  |

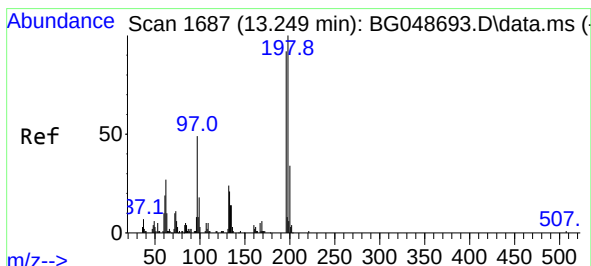
Instrument :  
BNA\_G  
ClientSampleId :  
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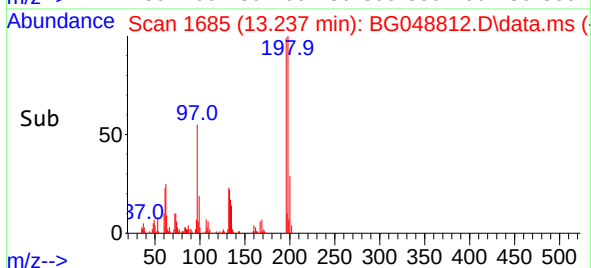
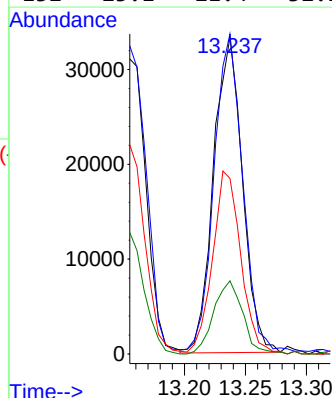
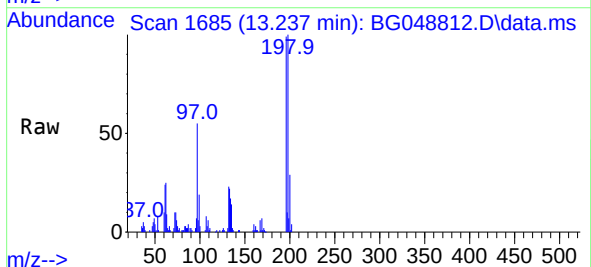
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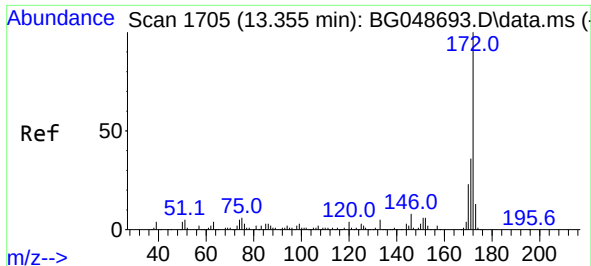
4/22/2021 12:09:26 PM



#44  
2,4,5-Trichlorophenol  
Concen: 38.86 ng  
RT: 13.237 min Scan# 1685  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 55005 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 101.1 | 87.4  | 131.0 |
| 97        | 55.4  | 43.3  | 64.9  |
| 132       | 23.1  | 21.4  | 32.2  |



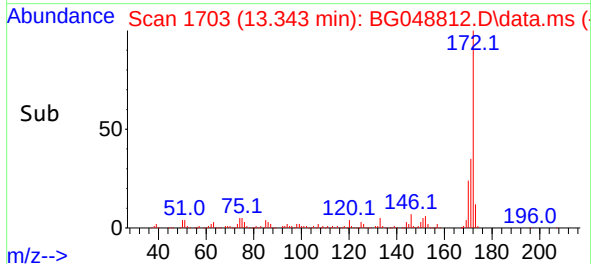
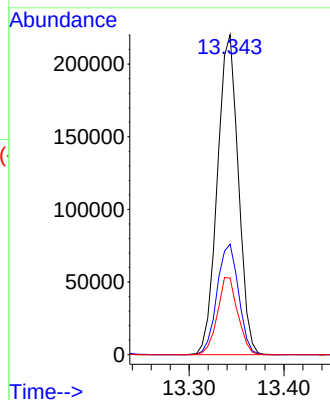
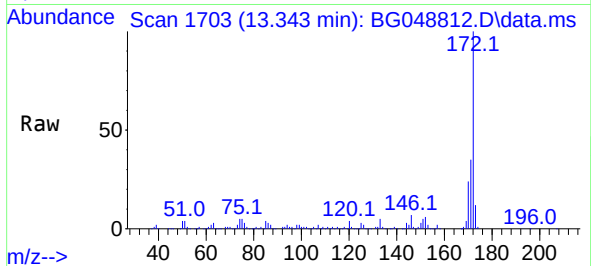


#45  
2-Fluorobiphenyl  
Concen: 79.67 ng  
RT: 13.343 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion:172 Resp: 338464  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.6 43.0  
170 24.0 18.6 27.8

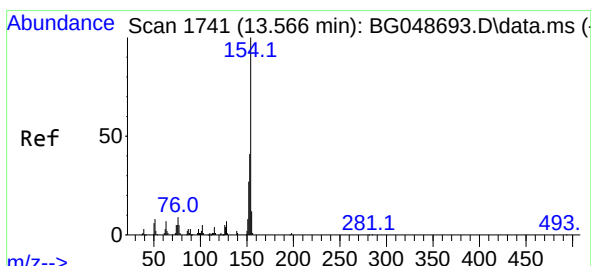
Instrument :  
BNA\_G  
ClientSampleId :  
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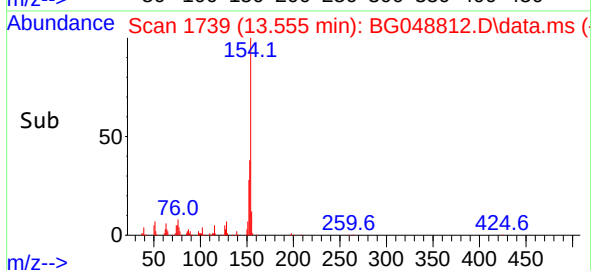
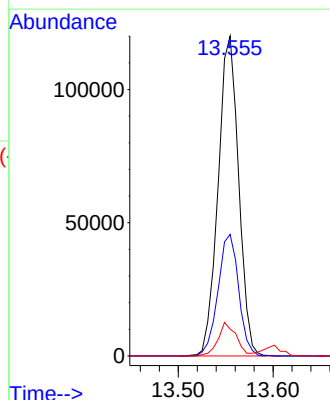
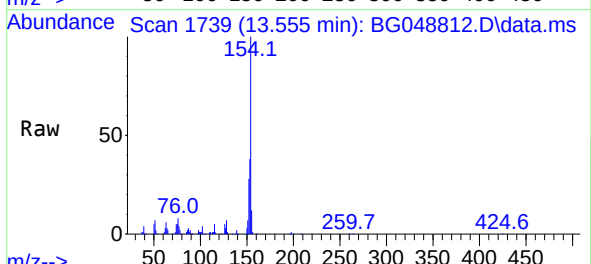
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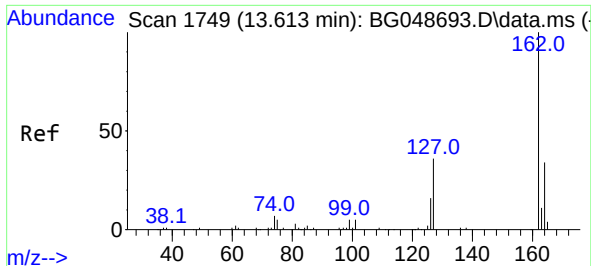
4/22/2021 12:09:26 PM



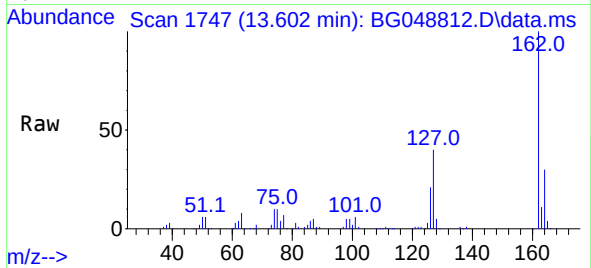
#46  
1,1'-Biphenyl  
Concen: 39.88 ng  
RT: 13.555 min Scan# 1739  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion:154 Resp: 180731  
Ion Ratio Lower Upper  
154 100  
153 38.0 20.5 60.5  
76 8.4 0.0 29.3

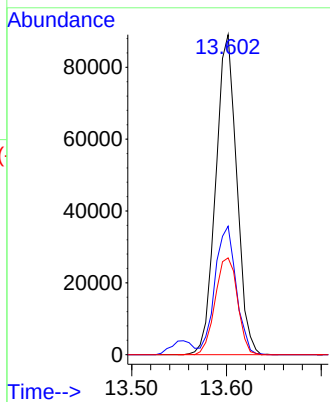
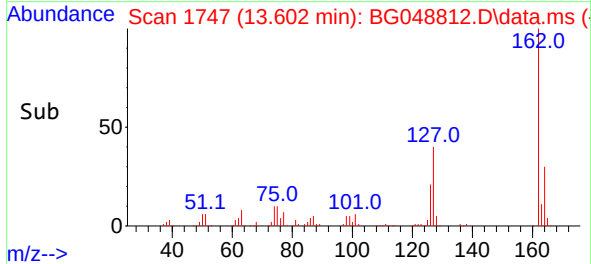




#47  
2-Chloronaphthalene  
Concen: 39.58 ng  
RT: 13.602 min Scan# 1747  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02



Tgt Ion:162 Resp: 137039  
Ion Ratio Lower Upper  
162 100  
127 40.1 32.7 49.1  
164 30.2 27.0 40.4

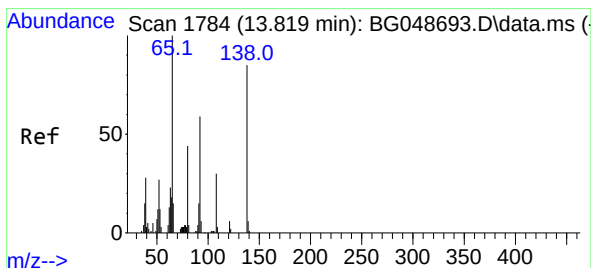


Instrument :  
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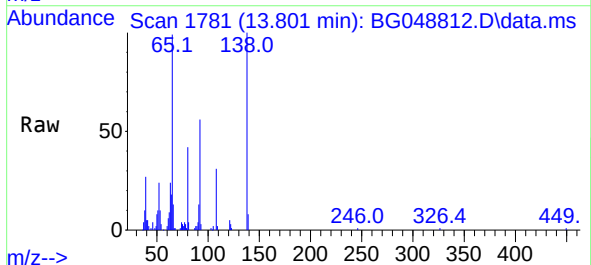
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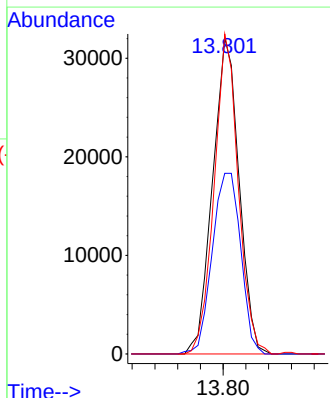
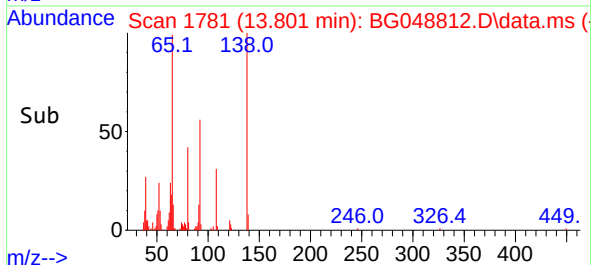
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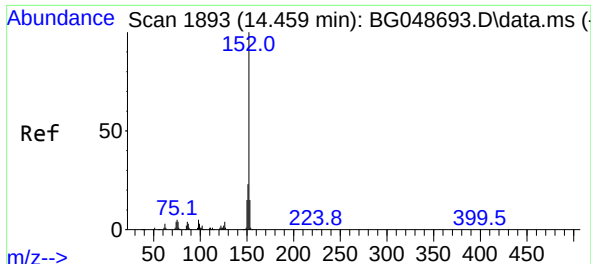


#48  
2-Nitroaniline  
Concen: 41.48 ng  
RT: 13.801 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02



Tgt Ion: 65 Resp: 51603  
Ion Ratio Lower Upper  
65 100  
92 57.2 47.2 70.8  
138 101.2 68.0 102.0



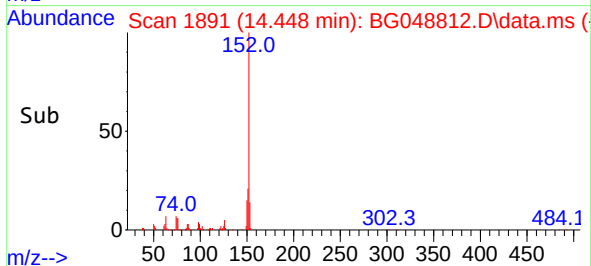
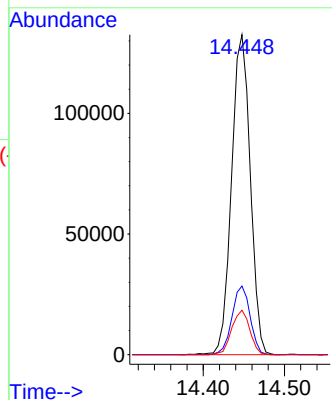
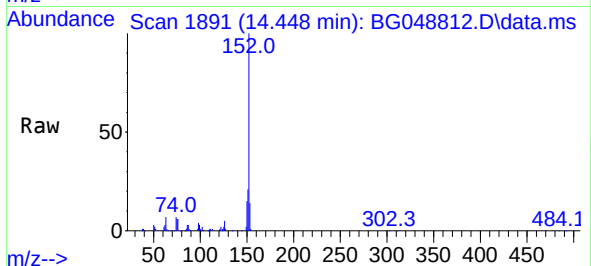


#49  
Acenaphthylene  
Concen: 39.25 ng  
RT: 14.448 min Scan# 1891  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion:152 Resp: 211978  
Ion Ratio Lower Upper  
152 100  
151 21.5 18.2 27.4  
153 13.9 11.7 17.5

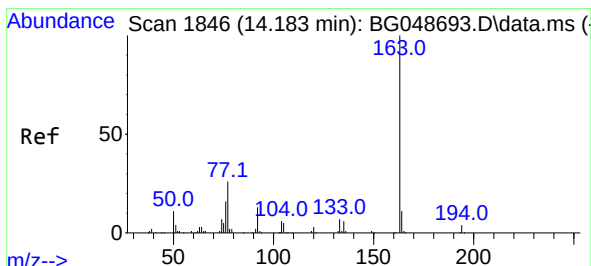
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BNA\_G  
ClientSampleId :  
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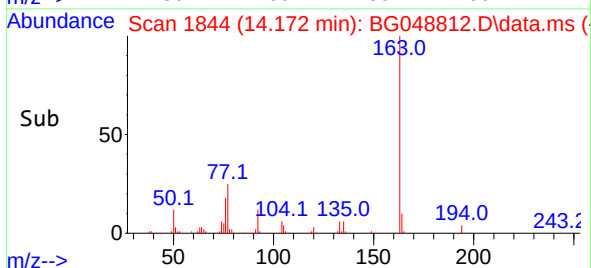
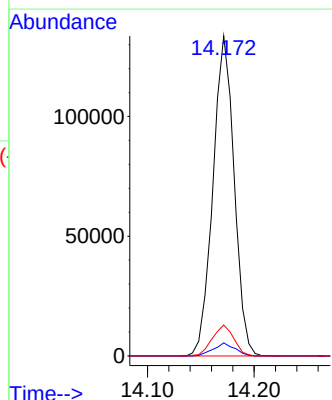
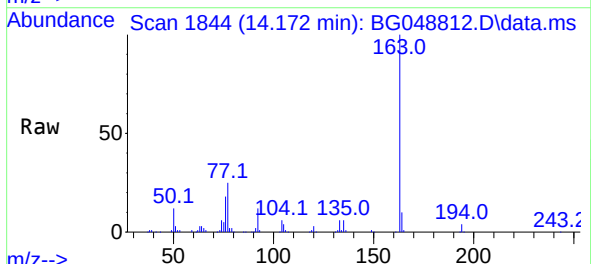
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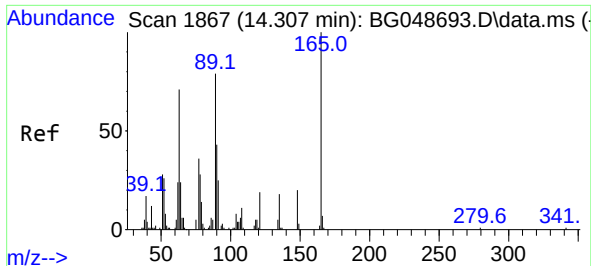
4/22/2021 12:09:26 PM



#50  
Dimethylphthalate  
Concen: 40.12 ng  
RT: 14.172 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion:163 Resp: 184647  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.0 4.6  
164 9.7 8.6 12.8



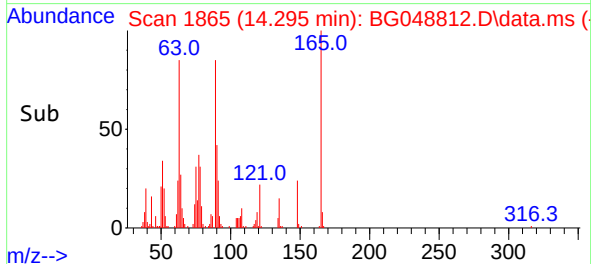
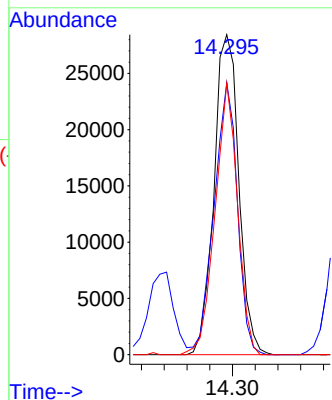
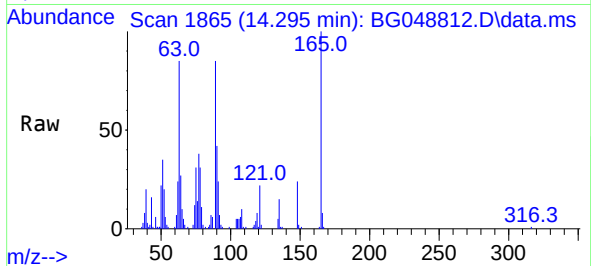


#51  
2,6-Dinitrotoluene  
Concen: 40.57 ng  
RT: 14.295 min Scan# 1865  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 43074 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 85.0  | 63.3  | 94.9  |
| 89        | 84.8  | 63.4  | 95.0  |

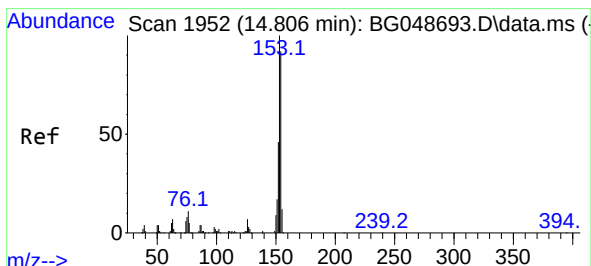
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BNA\_G  
ClientSampleId :  
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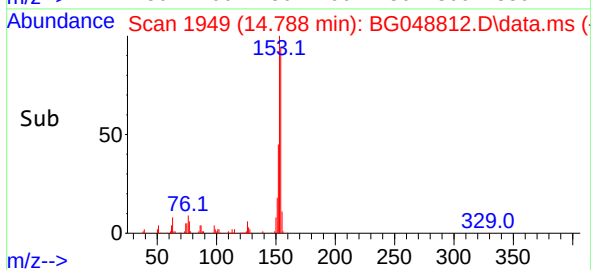
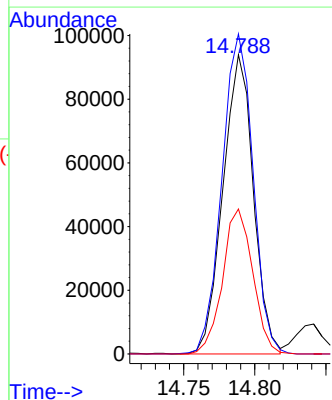
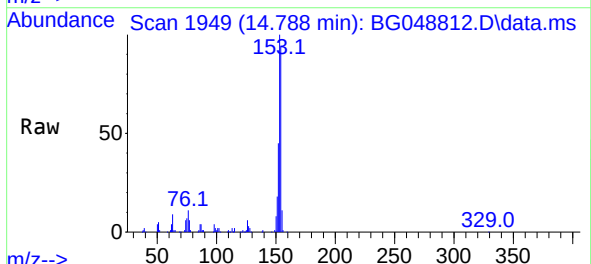
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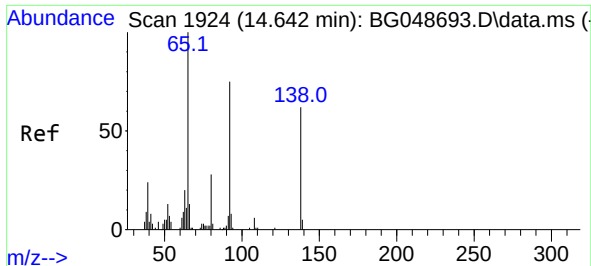
4/22/2021 12:09:26 PM



#52  
Acenaphthene  
Concen: 40.82 ng  
RT: 14.788 min Scan# 1949  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 139999 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 106.9 | 87.0  | 130.4  |
| 152       | 48.5  | 40.1  | 60.1   |



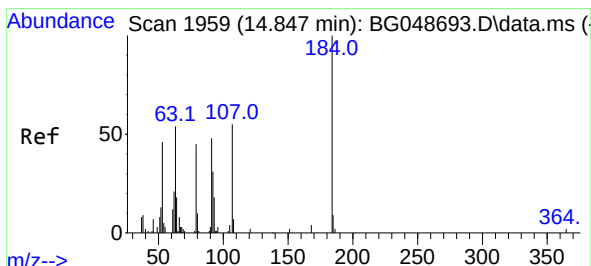
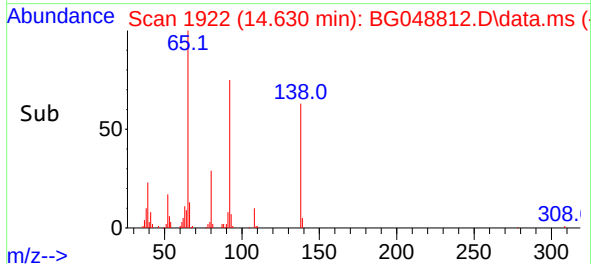
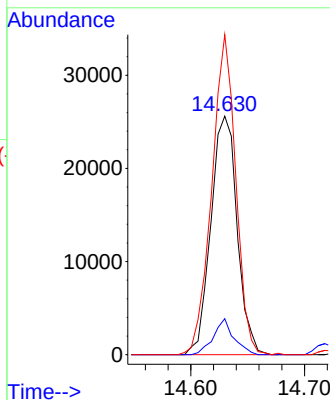
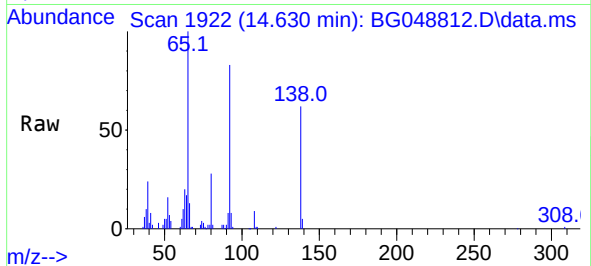


#53  
3-Nitroaniline  
Concen: 40.35 ng  
RT: 14.630 min Scan# 1922  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 15.1  | 8.3   | 12.5# |
| 92      | 134.1 | 96.4  | 144.6 |

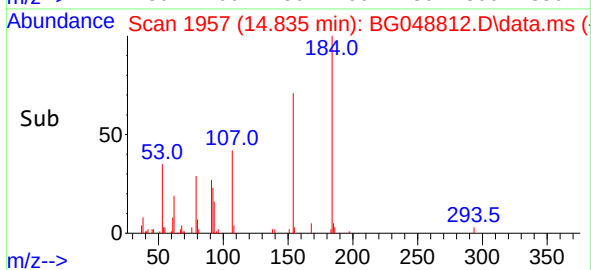
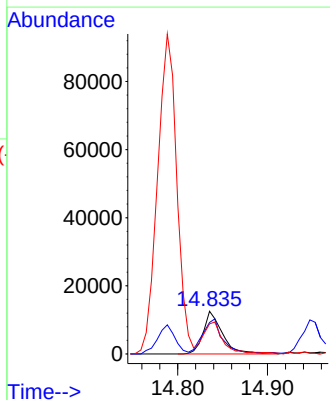
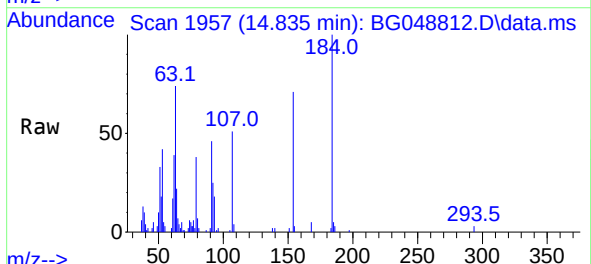
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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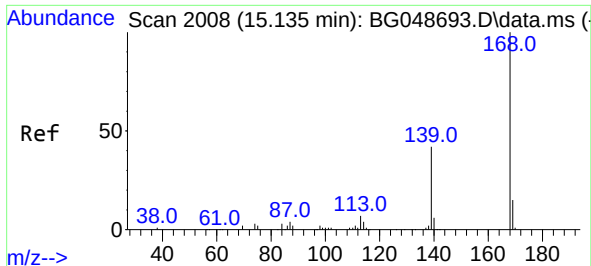
#54  
2,4-Dinitrophenol  
Concen: 32.69 ng  
RT: 14.835 min Scan# 1957  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 73.8  | 68.3  | 102.5 |
| 154     | 70.7  | 62.6  | 93.8  |



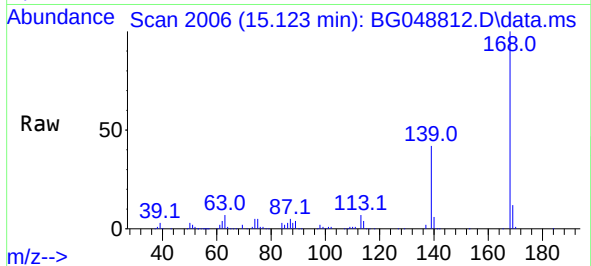
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4/22/2021 12:09:26 PM



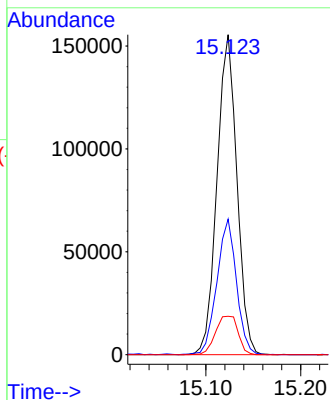
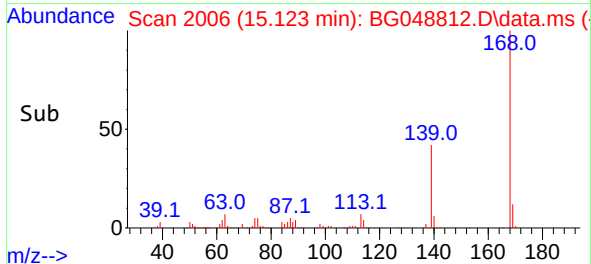
#55  
Dibenzofuran  
Concen: 39.99 ng  
RT: 15.123 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



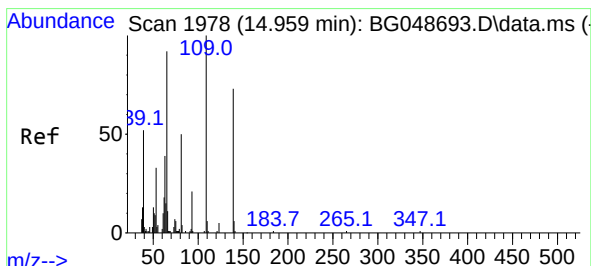
Tgt Ion:168 Resp: 227048  
Ion Ratio Lower Upper  
168 100  
139 42.4 33.4 50.2  
169 12.0 12.3 18.5#

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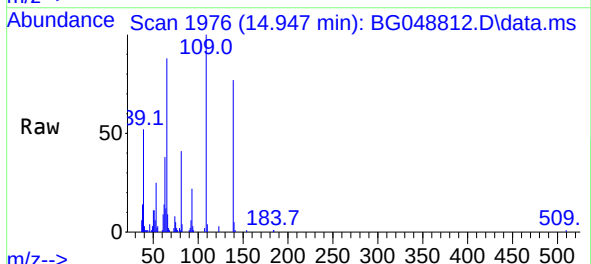


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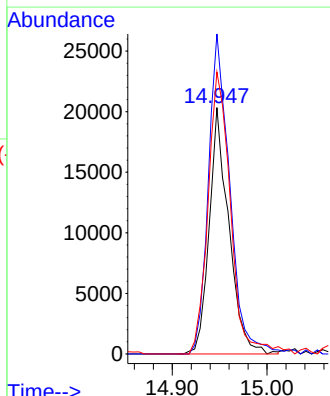
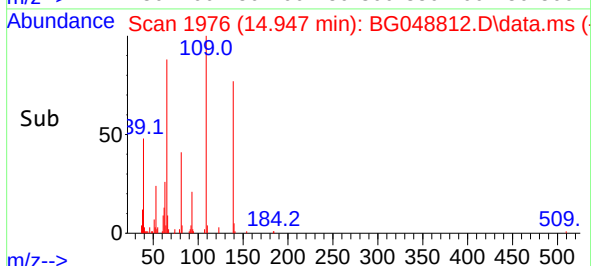
4/22/2021 12:09:26 PM

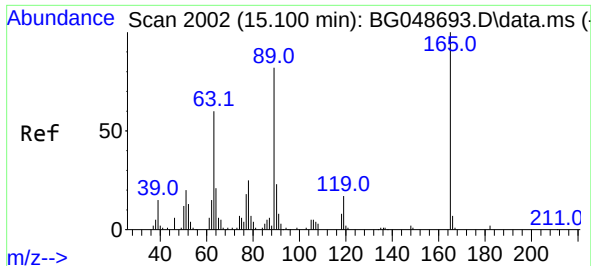


#56  
4-Nitrophenol  
Concen: 38.75 ng  
RT: 14.947 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02



Tgt Ion:139 Resp: 29264  
Ion Ratio Lower Upper  
139 100  
109 129.8 116.3 156.3  
65 114.4 105.0 145.0



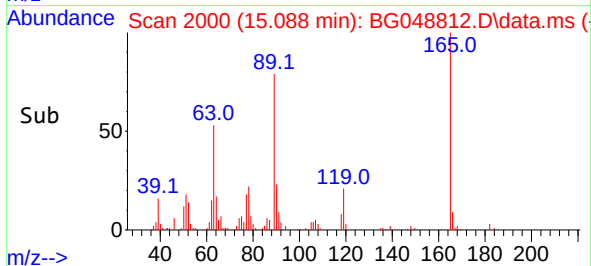
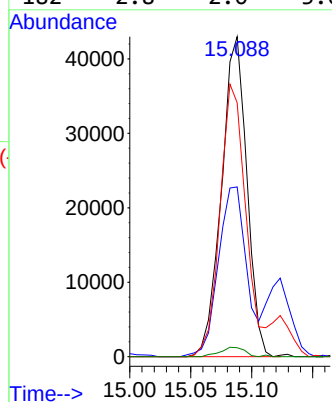
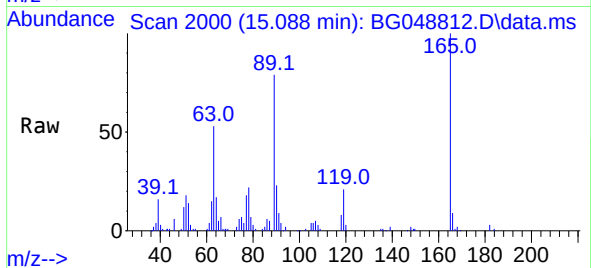


#57  
2,4-Dinitrotoluene  
Concen: 40.28 ng  
RT: 15.088 min Scan# 2000  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 62115 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 53.1  | 48.0  | 72.0  |
| 89        | 79.4  | 65.4  | 98.0  |
| 182       | 2.8   | 2.0   | 3.0   |

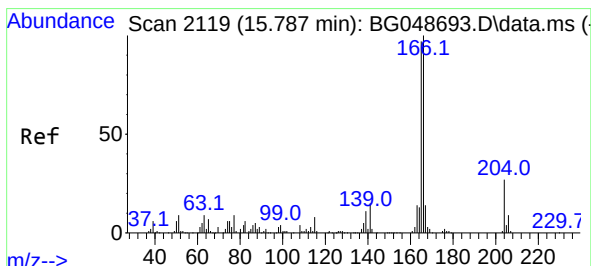
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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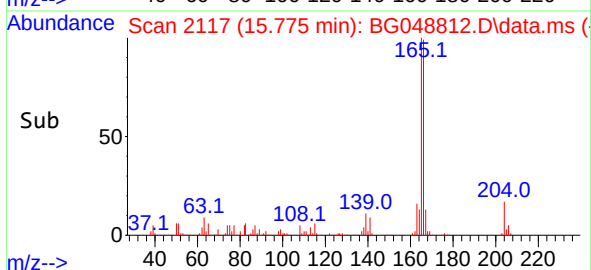
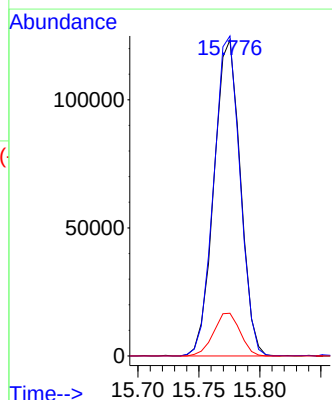
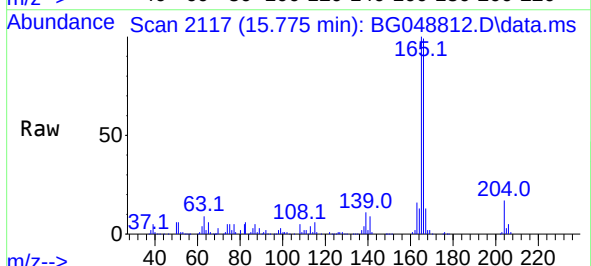
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4/22/2021 12:09:26 PM

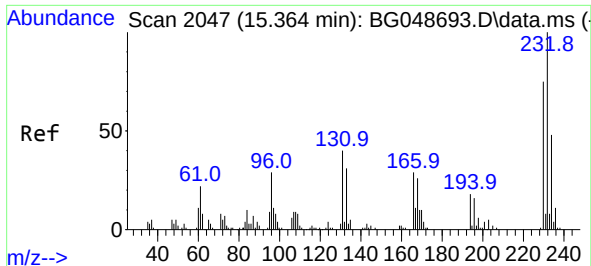


#58  
Fluorene  
Concen: 39.85 ng  
RT: 15.775 min Scan# 2117  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 185830 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 101.3 | 77.7  | 116.5  |
| 167       | 13.5  | 10.8  | 16.2   |





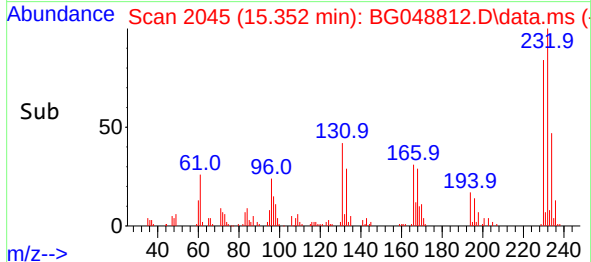
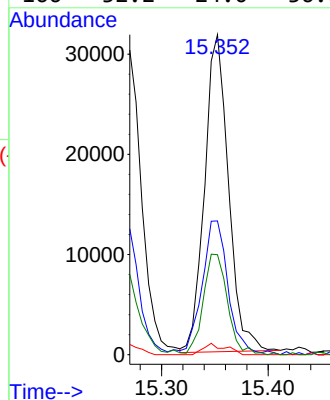
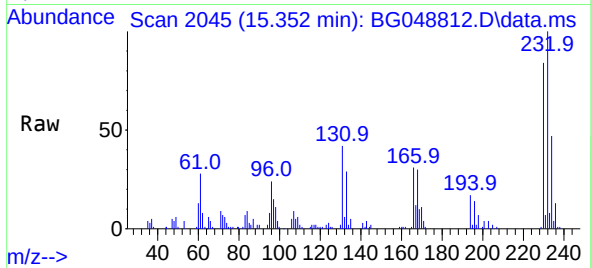


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.80 ng  
RT: 15.352 min Scan# 2045  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 49496 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 46.1  | 37.2  | 55.8  |
| 130       | 3.3   | 2.8   | 4.2   |
| 166       | 32.2  | 24.0  | 36.0  |

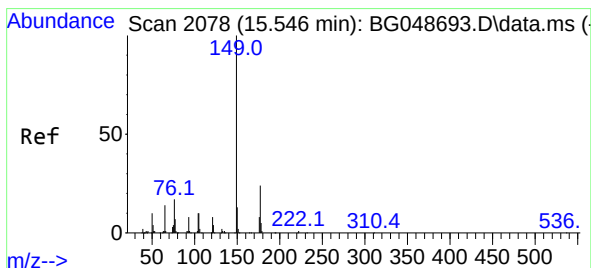
Instrument :  
BNA\_G  
ClientSampleId :  
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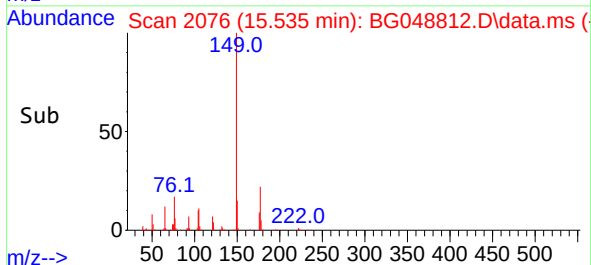
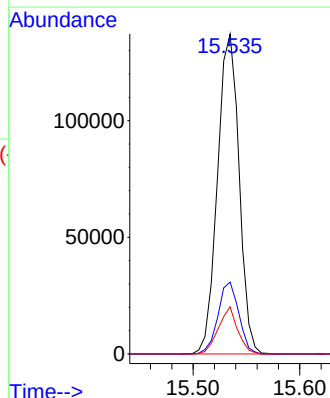
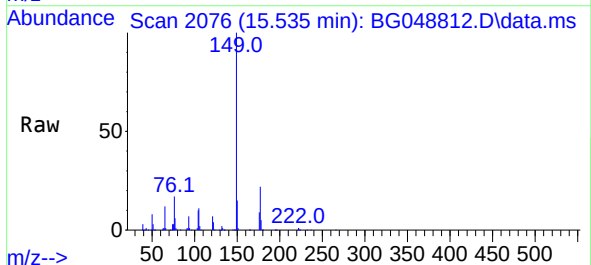
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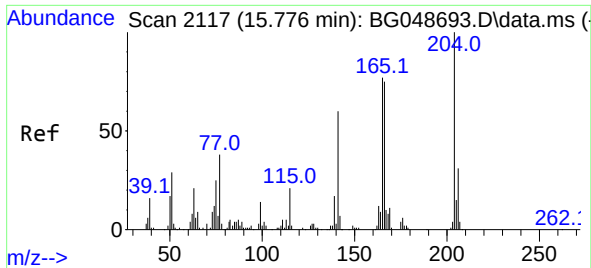
4/22/2021 12:09:26 PM



#60  
Diethylphthalate  
Concen: 40.44 ng  
RT: 15.535 min Scan# 2076  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

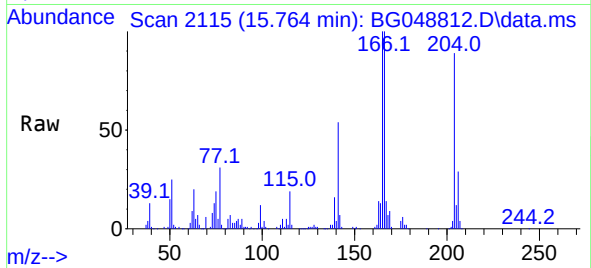
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 192522 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 22.4  | 19.0  | 28.6   |
| 150       | 14.8  | 10.2  | 15.4   |





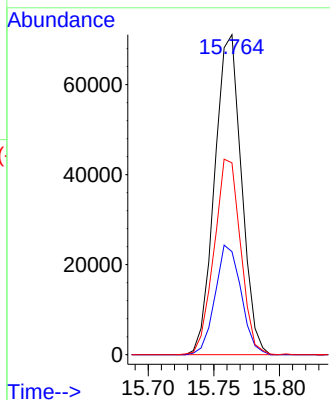
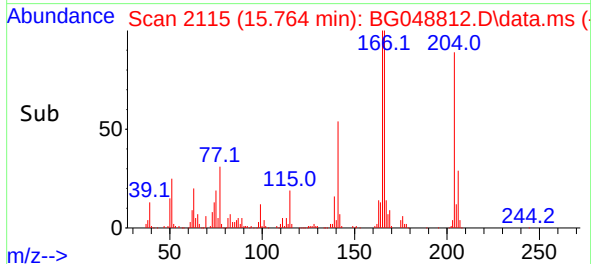
#61  
4-Chlorophenyl-phenylether  
Concen: 39.38 ng  
RT: 15.764 min Scan# 2115  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



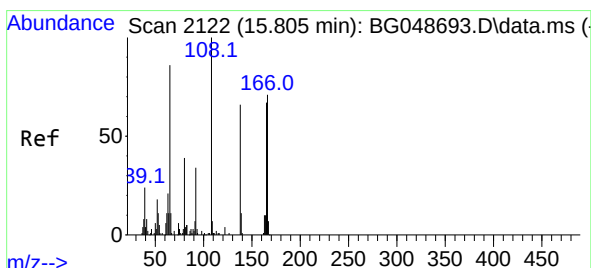
Tgt Ion:204 Resp: 100984  
Ion Ratio Lower Upper  
204 100  
206 32.2 24.6 37.0  
141 59.9 47.8 71.8

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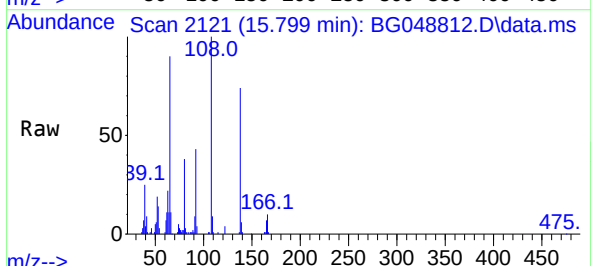


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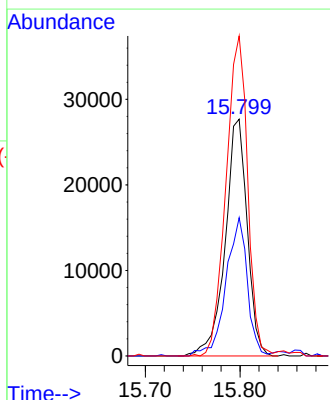
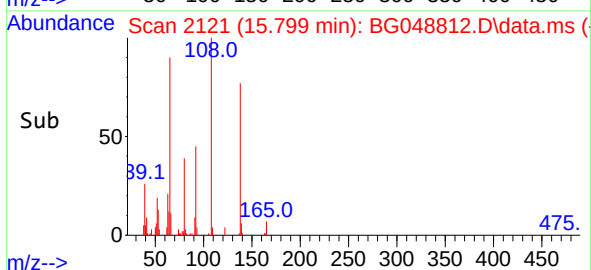
4/22/2021 12:09:26 PM

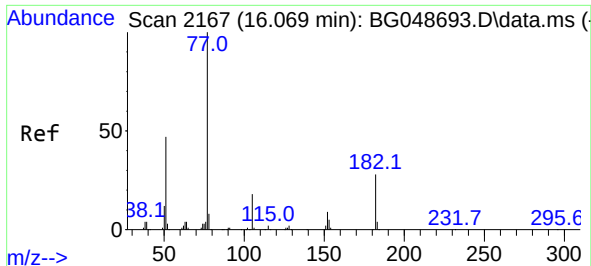


#62  
4-Nitroaniline  
Concen: 40.82 ng  
RT: 15.799 min Scan# 2121  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02



Tgt Ion:138 Resp: 44484  
Ion Ratio Lower Upper  
138 100  
92 58.4 32.3 72.3  
108 135.2 132.4 172.4



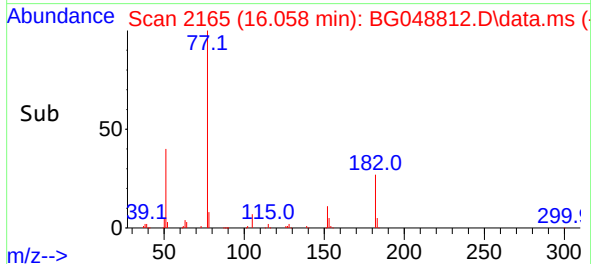
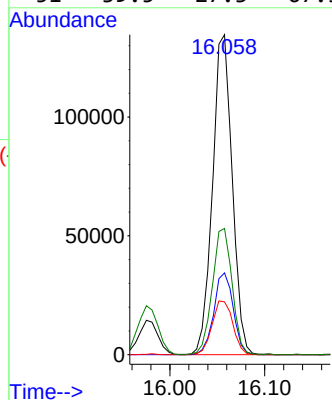
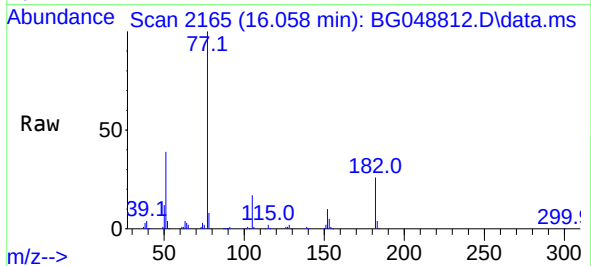


#63  
Azobenzene  
Concen: 40.59 ng  
RT: 16.058 min Scan# 2165  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 194624 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 25.6    | 7.9 47.9     |
| 105 16.5    | 0.0 37.9     |
| 51 39.5     | 27.3 67.3    |

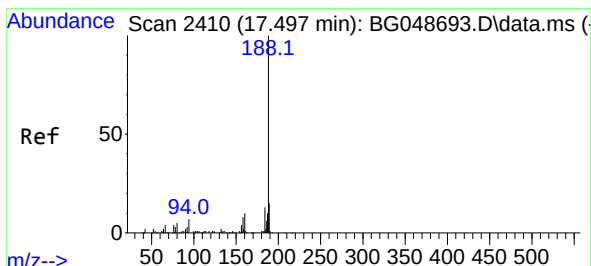
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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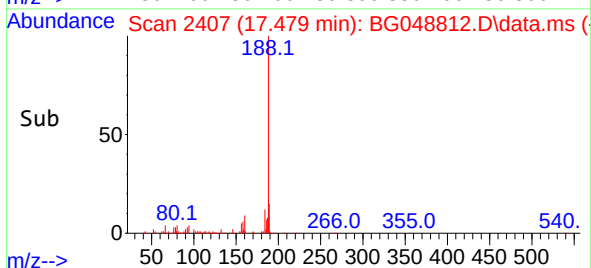
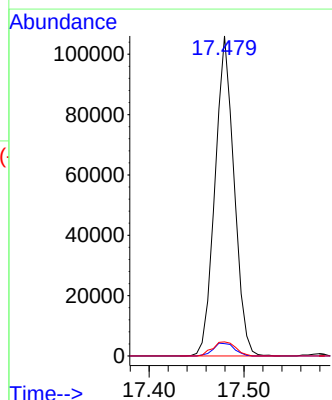
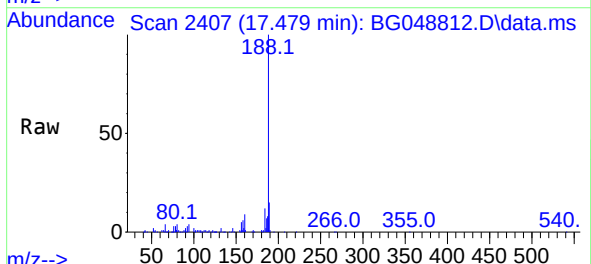
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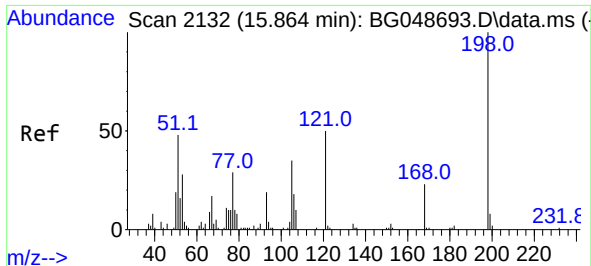
4/22/2021 12:09:26 PM



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.479 min Scan# 2407  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 148166 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 3.9       | 5.4 8.0#     |
| 80 4.4       | 3.7 5.5      |



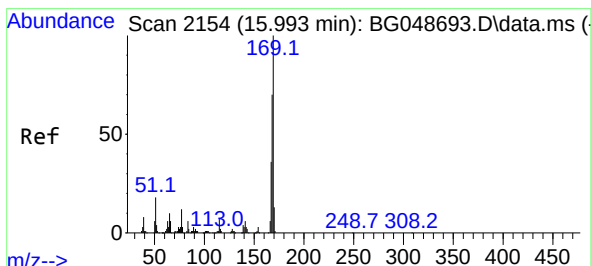
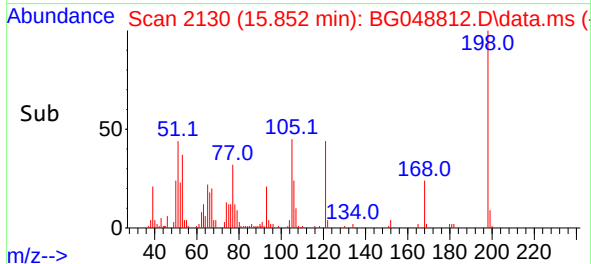
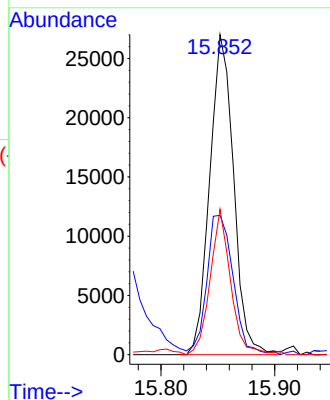
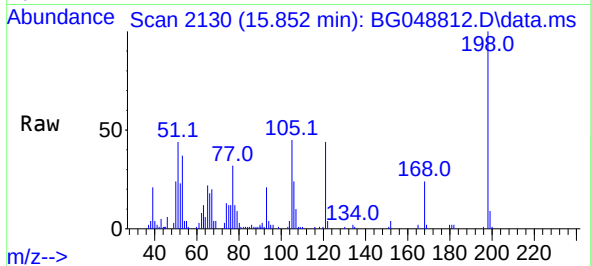


#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.82 ng  
RT: 15.852 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 39500 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 43.6  | 29.4  | 69.4  |
| 105       | 45.5  | 15.1  | 55.1  |

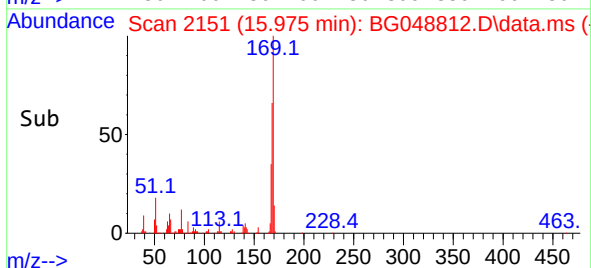
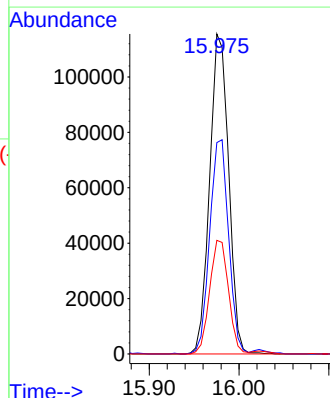
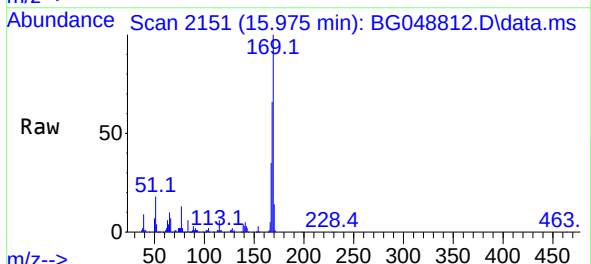
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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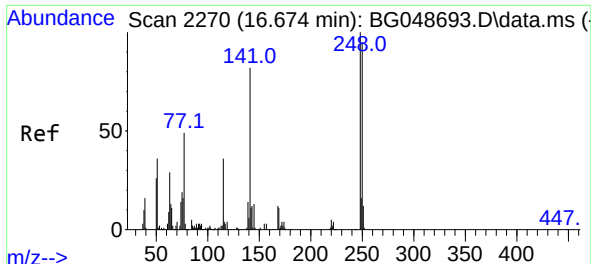
#66  
n-Nitrosodiphenylamine  
Concen: 40.54 ng  
RT: 15.975 min Scan# 2151  
Delta R.T. -0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 169773 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.0  | 56.3  | 84.5   |
| 167       | 35.5  | 28.4  | 42.6   |



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4/22/2021 12:09:26 PM

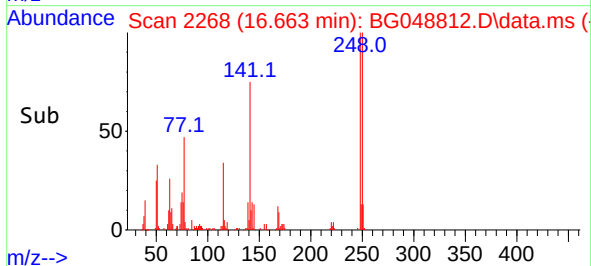
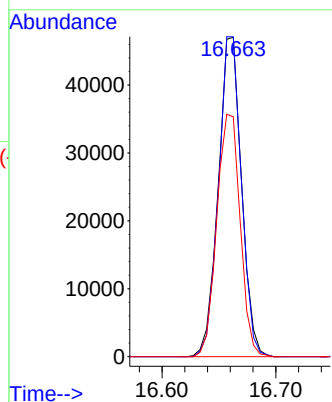
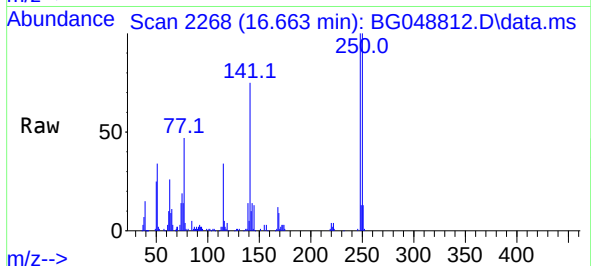


#67  
4-Bromophenyl-phenylether  
Concen: 39.17 ng  
RT: 16.663 min Scan# 2268  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

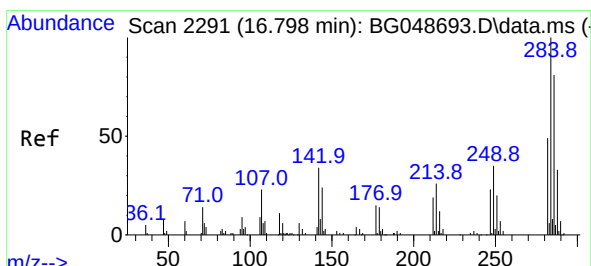
|             |                  |
|-------------|------------------|
| Tgt Ion:248 | Resp: 66805      |
| Ion Ratio   | Lower Upper      |
| 248         | 100              |
| 250         | 100.2 76.1 114.1 |
| 141         | 75.1 65.4 98.2   |

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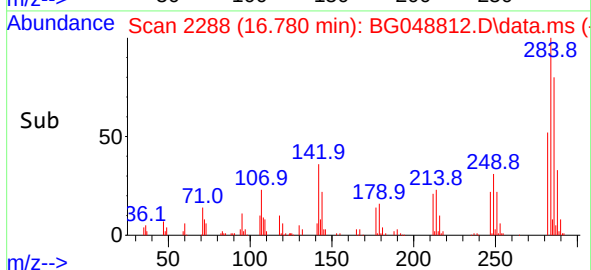
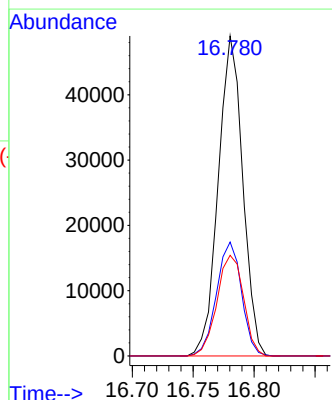
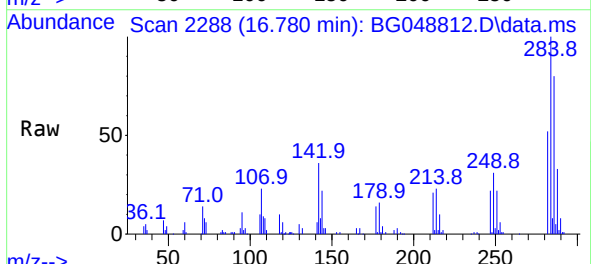
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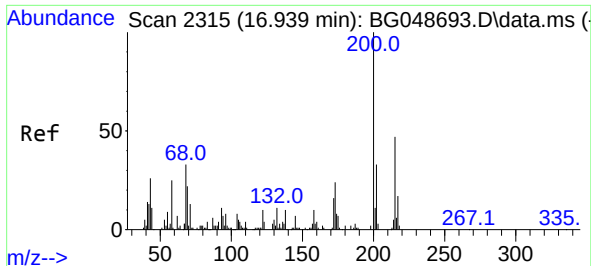
4/22/2021 12:09:26 PM



#68  
Hexachlorobenzene  
Concen: 39.69 ng  
RT: 16.780 min Scan# 2288  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|             |                |
|-------------|----------------|
| Tgt Ion:284 | Resp: 68558    |
| Ion Ratio   | Lower Upper    |
| 284         | 100            |
| 142         | 35.6 27.0 40.6 |
| 249         | 31.4 28.2 42.2 |



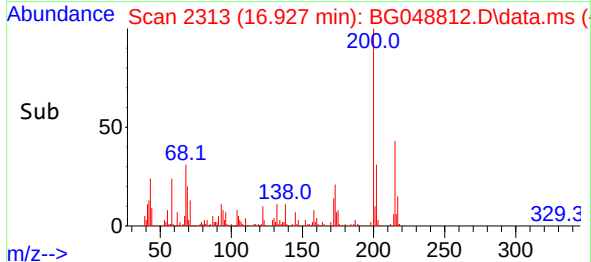
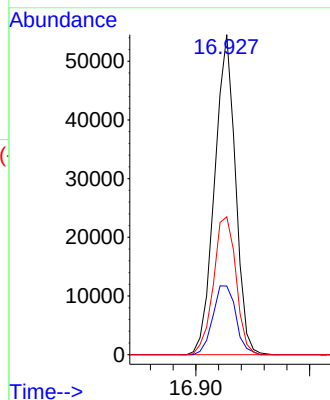
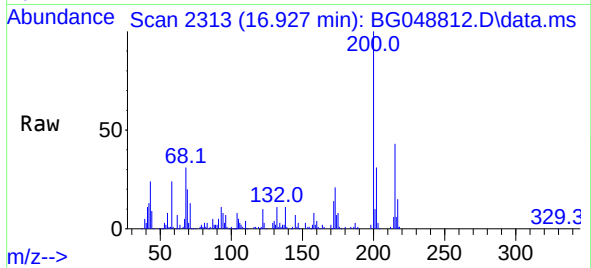


#69  
Atrazine  
Concen: 39.81 ng  
RT: 16.927 min Scan# 2313  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 69320 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 21.5  | 3.7   | 43.7  |
| 215       | 43.1  | 26.9  | 66.9  |

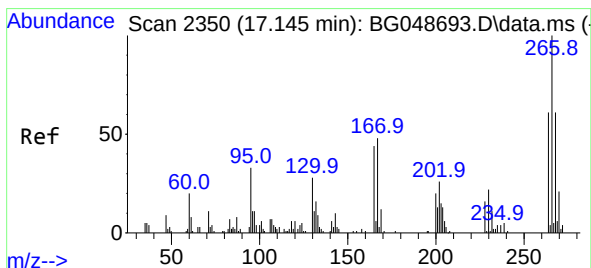
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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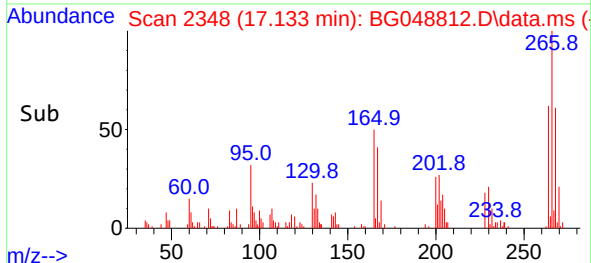
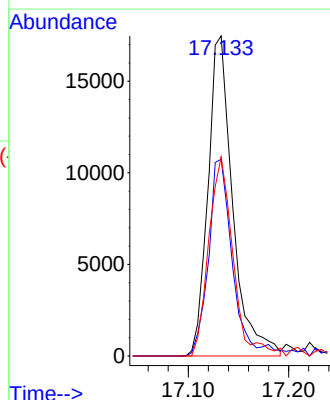
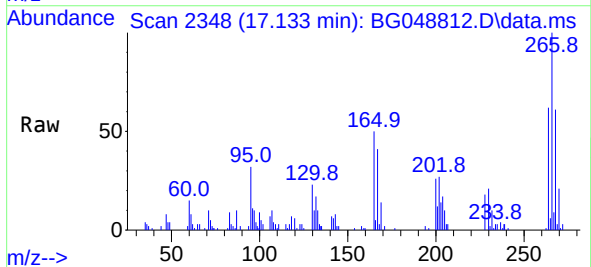
mohammad

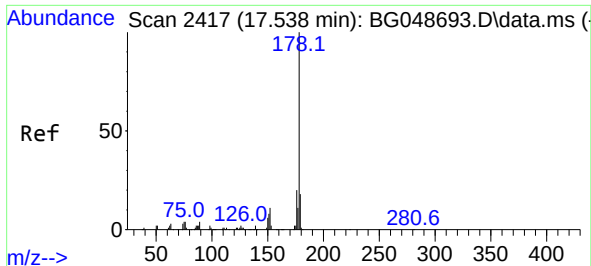
4/22/2021 12:09:26 PM



#70  
Pentachlorophenol  
Concen: 32.46 ng  
RT: 17.133 min Scan# 2348  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 29881 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 61.5  | 49.0  | 73.4  |
| 264       | 62.2  | 49.0  | 73.6  |



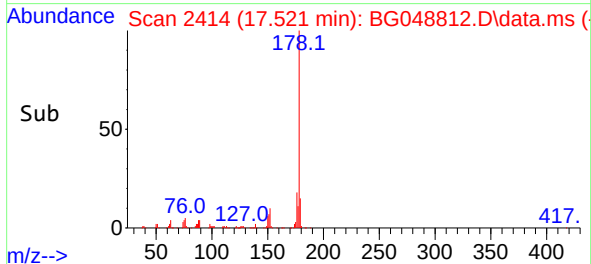
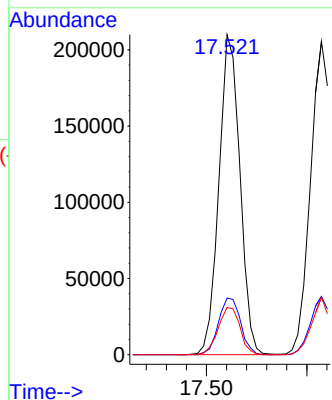
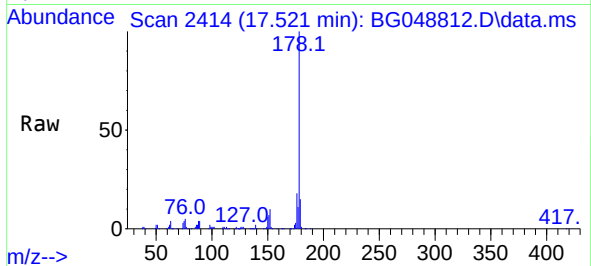


#71  
Phenanthrene  
Concen: 39.62 ng  
RT: 17.521 min Scan# 2414  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion:178 Resp: 304658  
Ion Ratio Lower Upper  
178 100  
176 17.7 16.0 24.0  
179 14.8 14.2 21.4

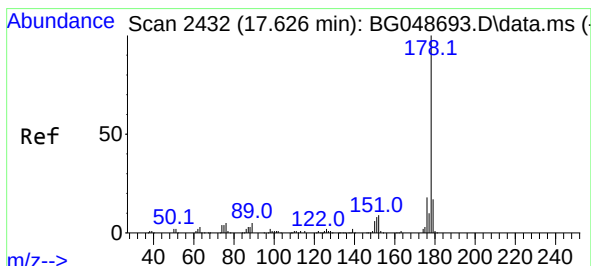
Instrument :  
BNA\_G  
ClientSampleId :  
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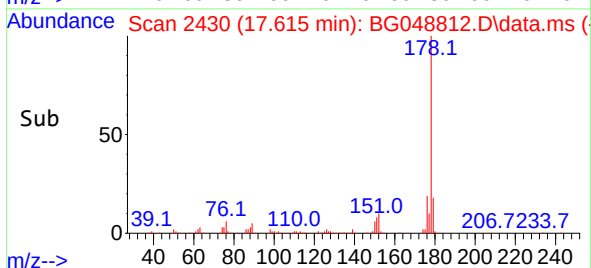
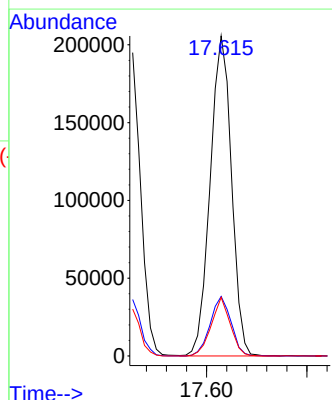
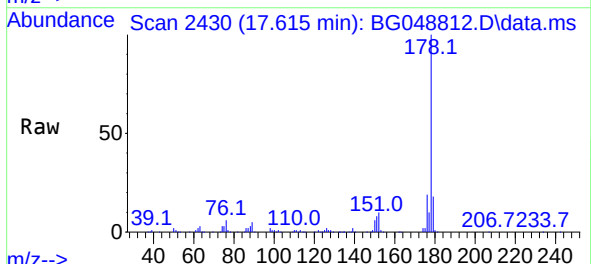
mohammad

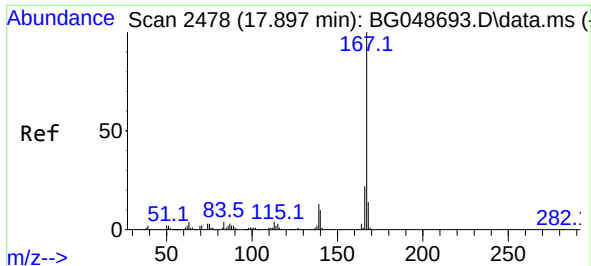
4/22/2021 12:09:26 PM



#72  
Anthracene  
Concen: 39.92 ng  
RT: 17.615 min Scan# 2430  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion:178 Resp: 303729  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.6 21.8  
179 18.3 13.4 20.0



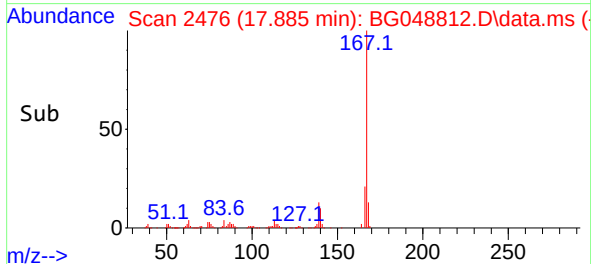
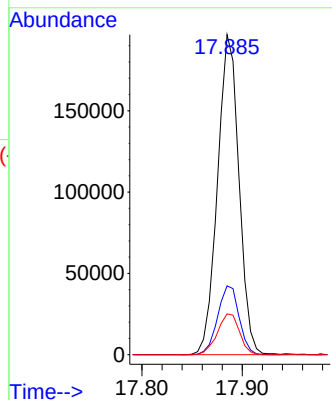
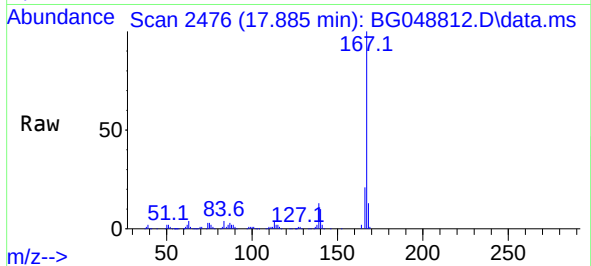


#73  
Carbazole  
Concen: 40.01 ng  
RT: 17.885 min Scan# 2476  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 291622 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.5  | 17.4  | 26.2   |
| 139       | 12.7  | 10.7  | 16.1   |

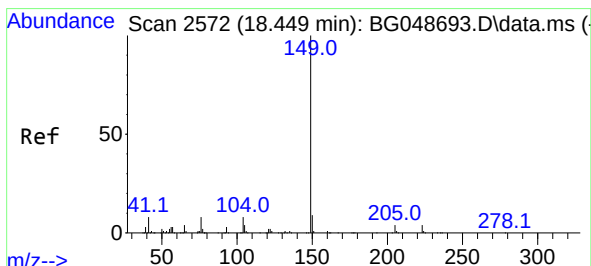
Instrument :  
BNA\_G  
ClientSampleId :  
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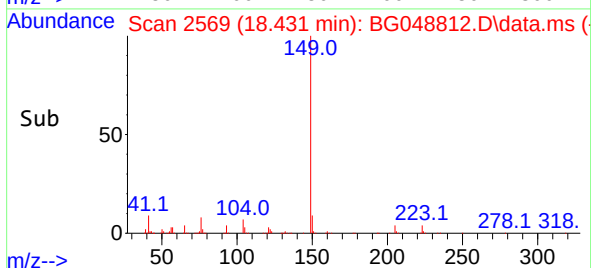
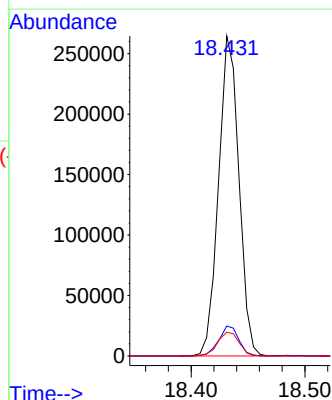
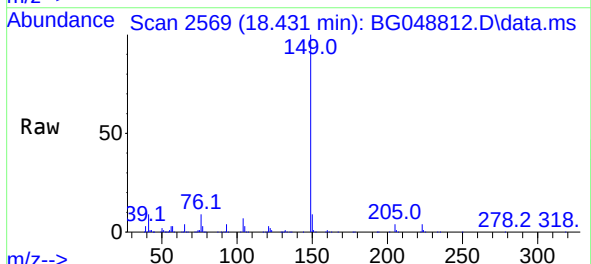
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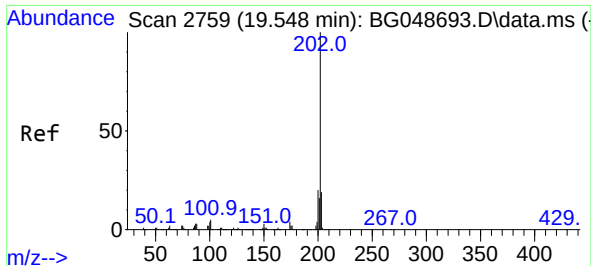


#74  
Di-n-butylphthalate  
Concen: 40.27 ng  
RT: 18.431 min Scan# 2569  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 329074 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.4   | 7.5   | 11.3   |
| 104       | 7.4   | 6.6   | 10.0   |





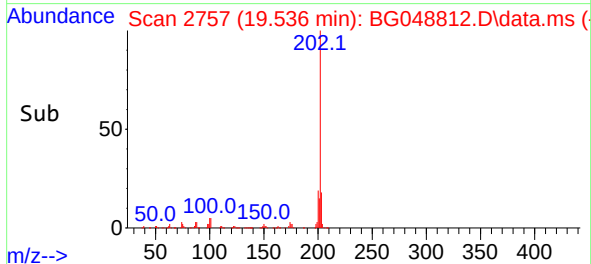
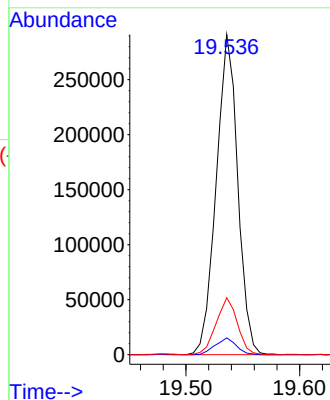
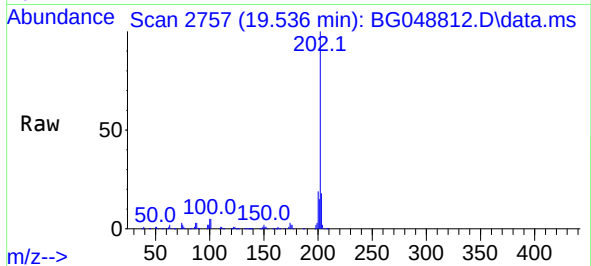


#75  
Fluoranthene  
Concen: 39.39 ng  
RT: 19.536 min Scan# 2757  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion:202 Resp: 383117  
Ion Ratio Lower Upper  
202 100  
101 5.2 0.0 24.7  
203 17.8 0.0 38.5

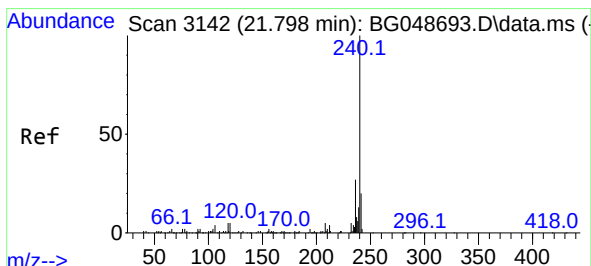
Instrument :  
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ClientSampleId :  
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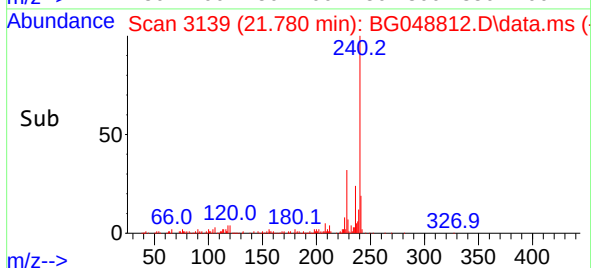
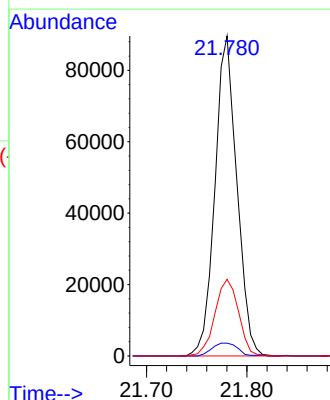
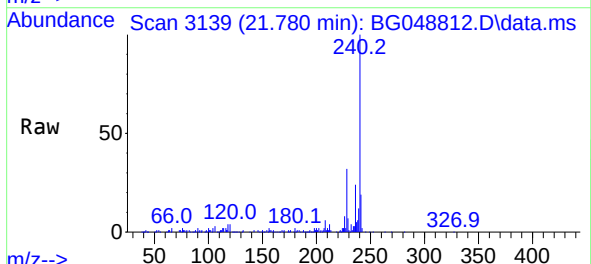
mohammad

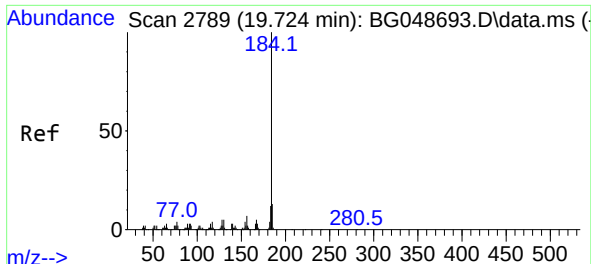
4/22/2021 12:09:26 PM



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.780 min Scan# 3139  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion:240 Resp: 135871  
Ion Ratio Lower Upper  
240 100  
120 4.0 4.2 6.2#  
236 23.9 21.8 32.6



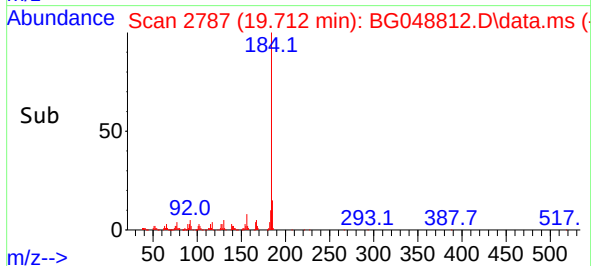
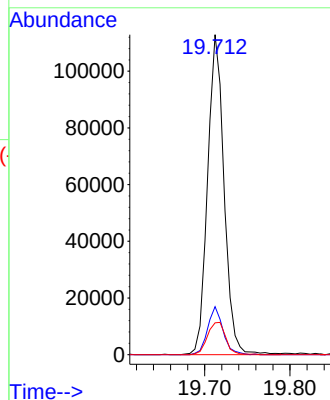
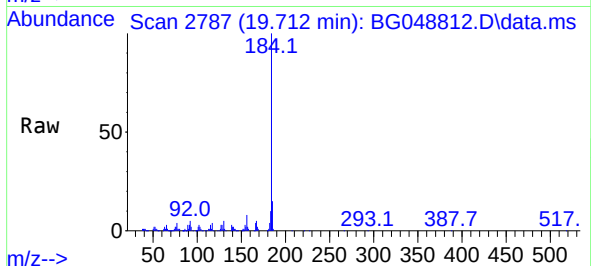


#77  
Benzidine  
Concen: 41.12 ng  
RT: 19.712 min Scan# 2787  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 151715 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.0  | 10.7  | 16.1   |
| 183       | 9.9   | 9.4   | 14.0   |

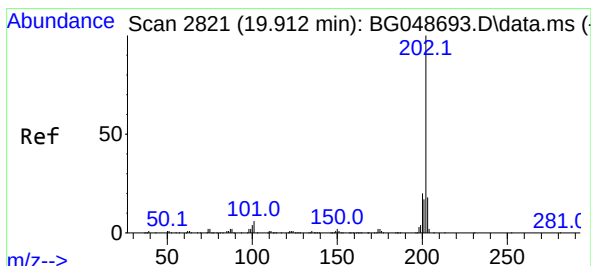
Instrument :  
BNA\_G  
ClientSampleId :  
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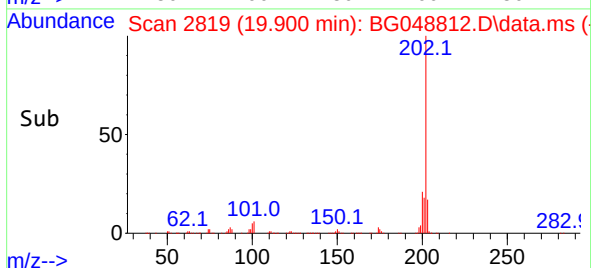
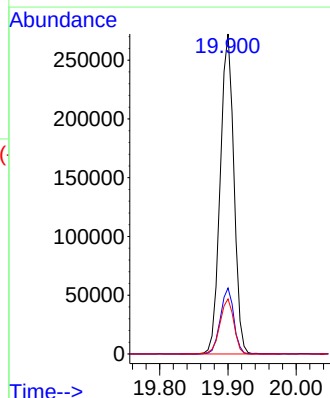
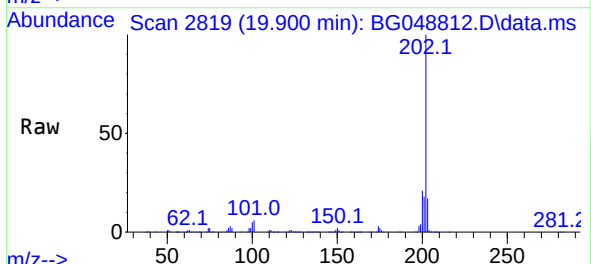
mohammad

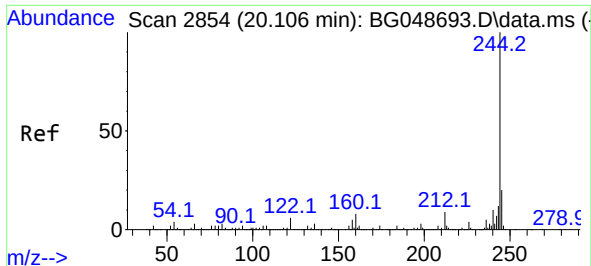
4/22/2021 12:09:26 PM



#78  
Pyrene  
Concen: 40.37 ng  
RT: 19.900 min Scan# 2819  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 379469 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.6  | 15.8  | 23.8   |
| 203       | 17.2  | 14.6  | 21.8   |



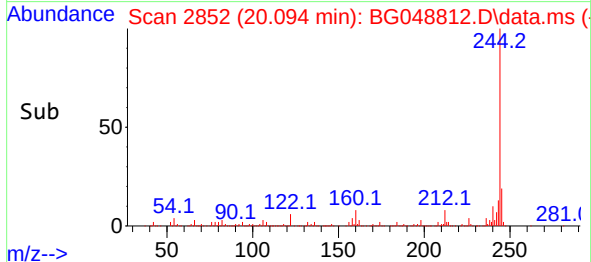
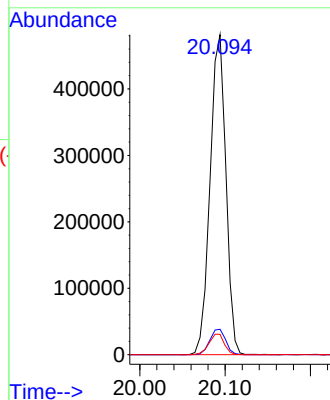
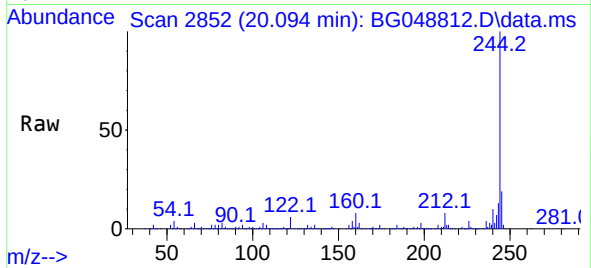


#79  
 Terphenyl-d14  
 Concen: 78.57 ng  
 RT: 20.094 min Scan# 2852  
 Delta R.T. -0.000 min  
 Lab File: BG048812.D  
 Acq: 21 Apr 2021 9:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 620230 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 8.0   | 6.9   | 10.3   |
| 122       | 6.4   | 5.0   | 7.6    |

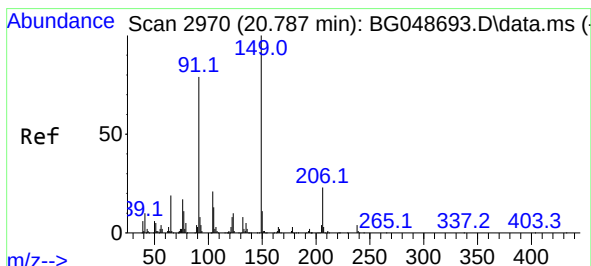
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

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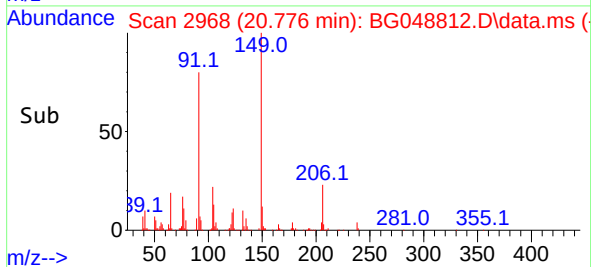
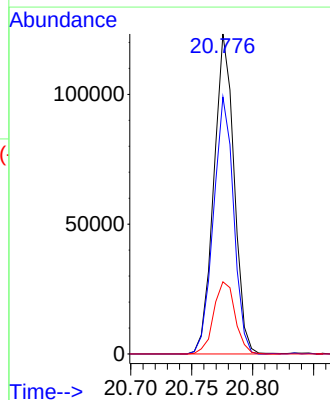
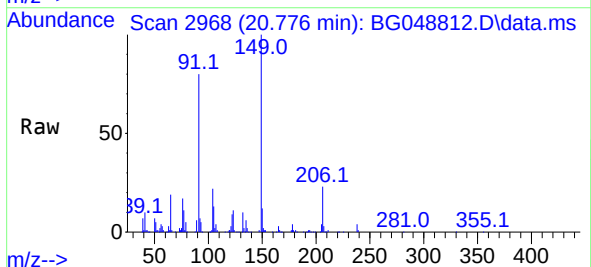
mohammad

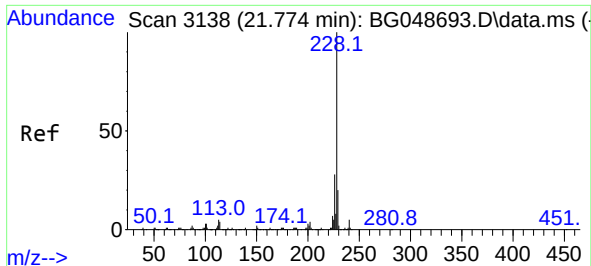
4/22/2021 12:09:26 PM



#80  
 Butylbenzylphthalate  
 Concen: 38.83 ng  
 RT: 20.776 min Scan# 2968  
 Delta R.T. -0.000 min  
 Lab File: BG048812.D  
 Acq: 21 Apr 2021 9:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 142745 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 80.3  | 63.4  | 95.2   |
| 206       | 22.5  | 18.4  | 27.6   |



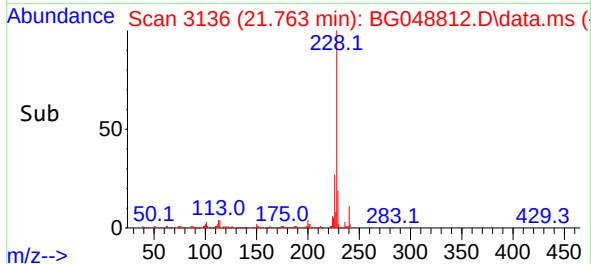
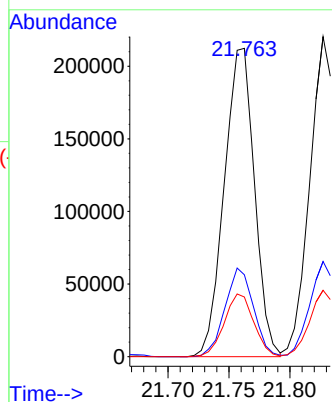
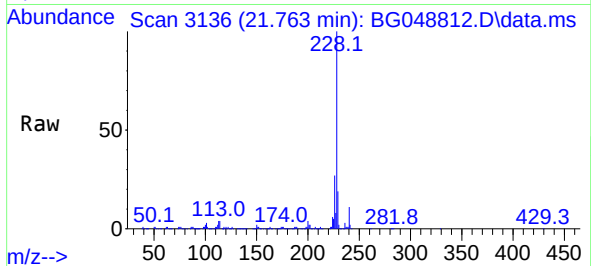


#81  
Benzo(a)anthracene  
Concen: 39.45 ng  
RT: 21.763 min Scan# 3136  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

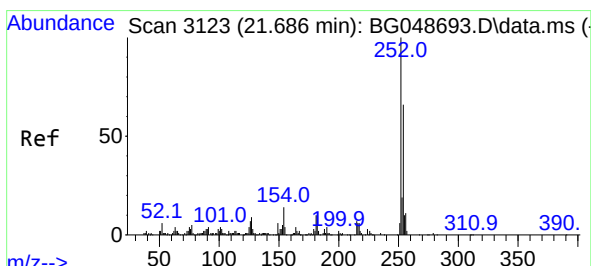
Tgt Ion:228 Resp: 366275  
Ion Ratio Lower Upper  
228 100  
226 26.5 22.7 34.1  
229 19.4 16.0 24.0

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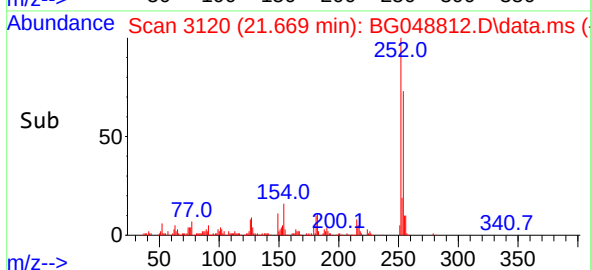
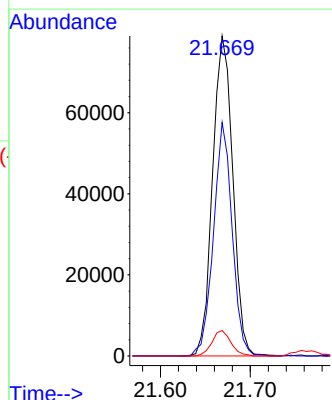
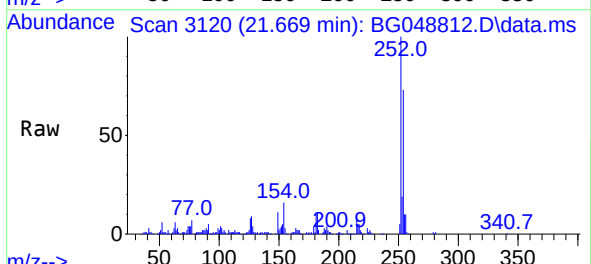
mohammad

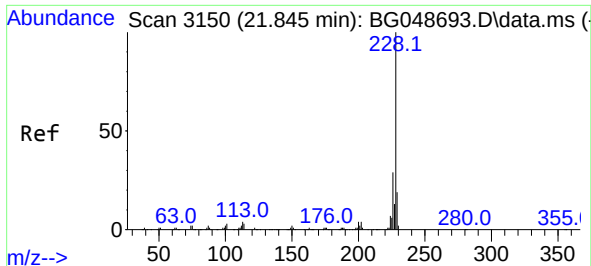
4/22/2021 12:09:26 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 38.64 ng  
RT: 21.669 min Scan# 3120  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion:252 Resp: 123013  
Ion Ratio Lower Upper  
252 100  
254 72.9 52.4 78.6  
126 8.0 5.9 8.9



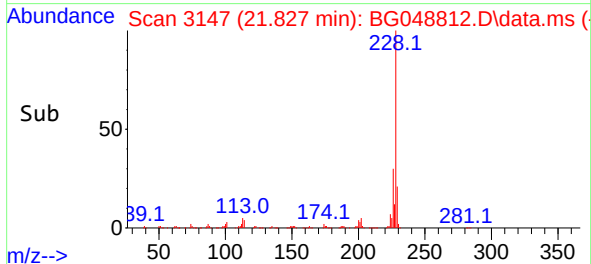
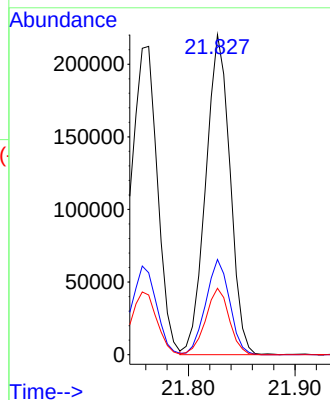
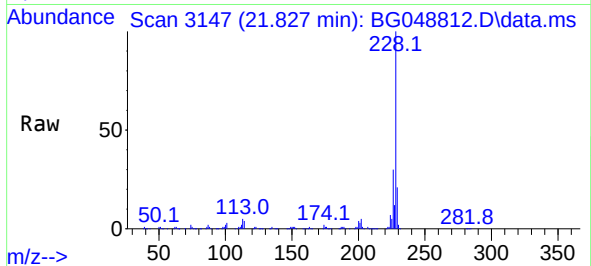


#83  
Chrysene  
Concen: 39.47 ng  
RT: 21.827 min Scan# 3147  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion: 228 Resp: 349090  
Ion Ratio Lower Upper  
228 100  
226 29.8 23.1 34.7  
229 20.8 15.3 22.9

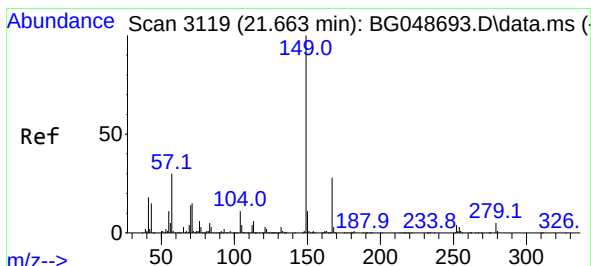
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BNA\_G  
ClientSampleId :  
SSTDCCC040

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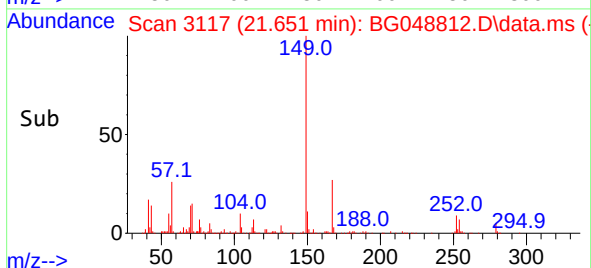
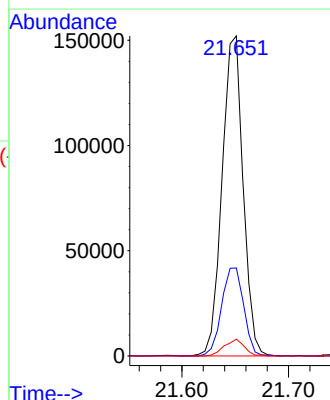
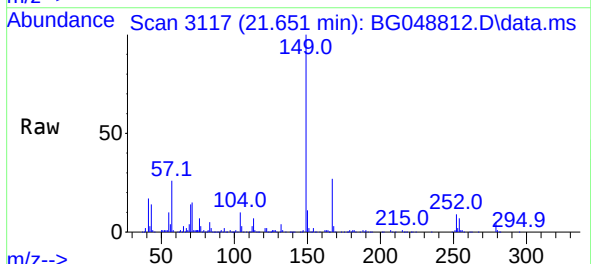
mohammad

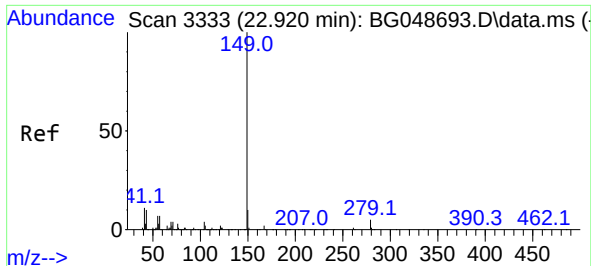
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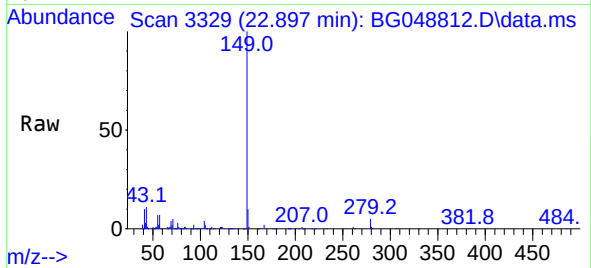
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.43 ng  
RT: 21.651 min Scan# 3117  
Delta R.T. 0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion: 149 Resp: 208067  
Ion Ratio Lower Upper  
149 100  
167 27.5 22.3 33.5  
279 5.3 3.8 5.8

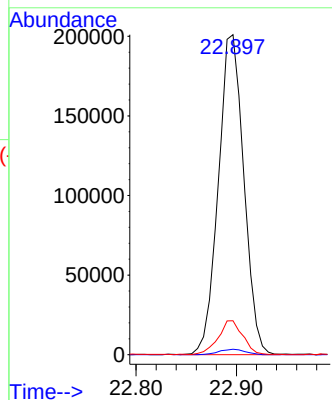




#85  
Di-n-octyl phthalate  
Concen: 40.46 ng  
RT: 22.897 min Scan# 3329  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02



Tgt Ion:149 Resp: 354461  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 10.4 8.6 12.8

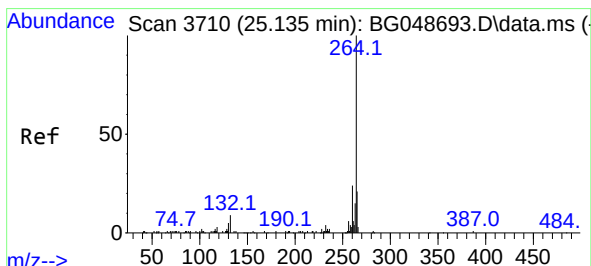


Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

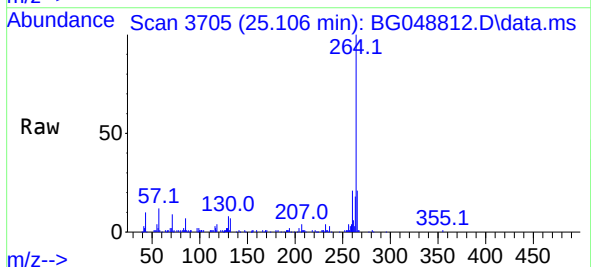
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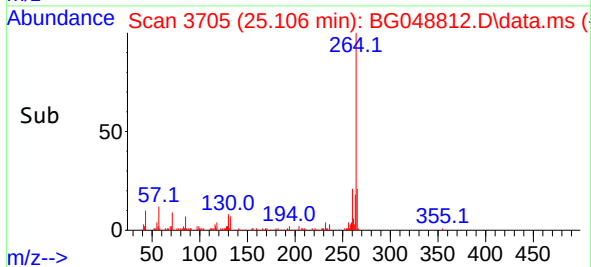
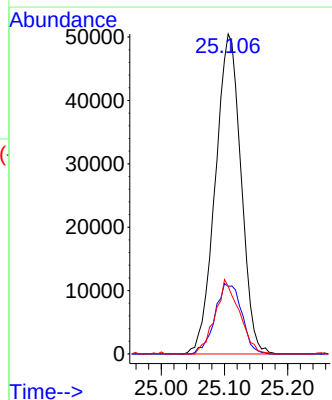
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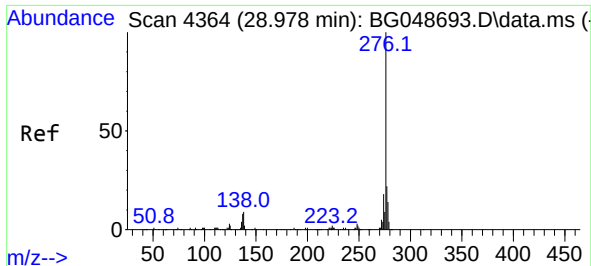


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.106 min Scan# 3705  
Delta R.T. -0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02



Tgt Ion:264 Resp: 142336  
Ion Ratio Lower Upper  
264 100  
260 21.2 19.4 29.2  
265 21.1 16.9 25.3



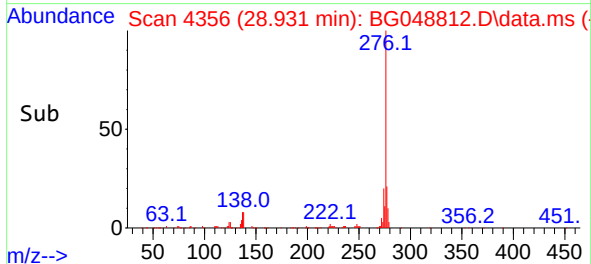
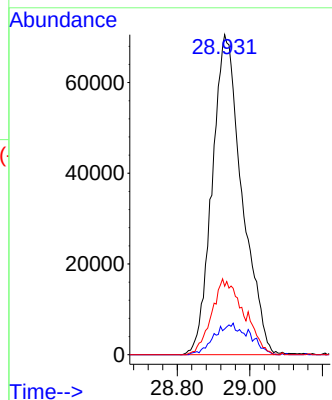
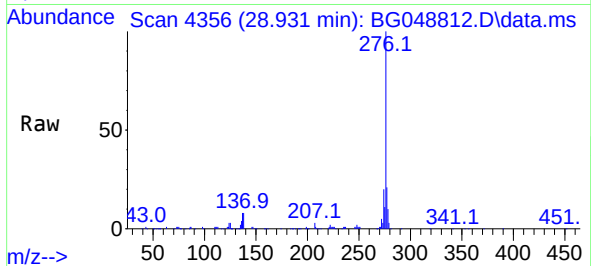


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 38.58 ng  
RT: 28.931 min Scan# 4356  
Delta R.T. -0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion: 276 Resp: 403307  
Ion Ratio Lower Upper  
276 100  
138 0.0 5.1 7.7#  
277 21.7 19.8 29.6

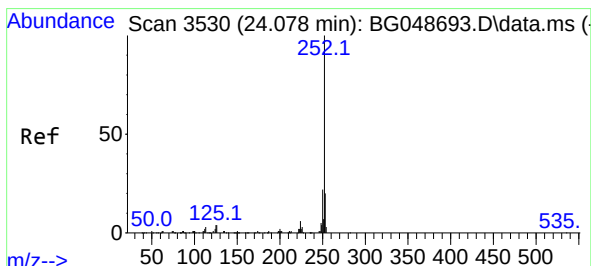
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Manual Integrations  
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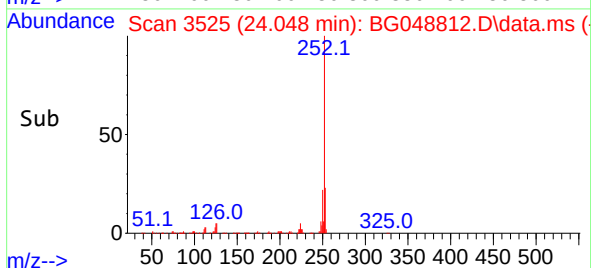
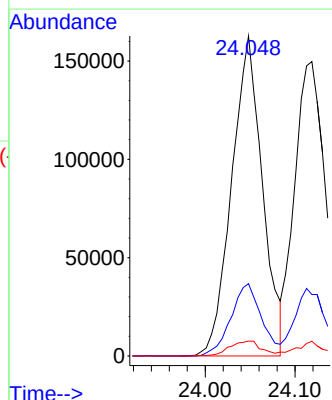
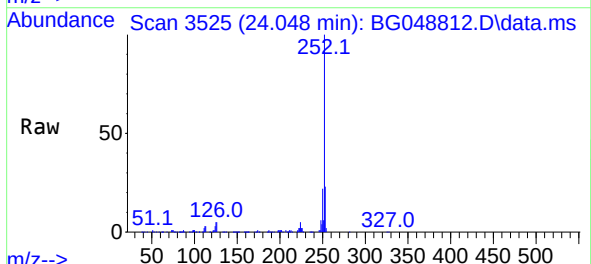
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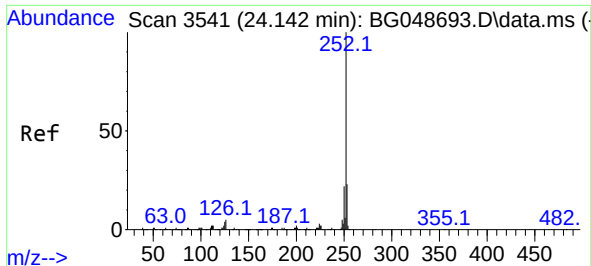
4/22/2021 12:09:26 PM



#88  
Benzo(b)fluoranthene  
Concen: 40.05 ng  
RT: 24.048 min Scan# 3525  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion: 252 Resp: 386752  
Ion Ratio Lower Upper  
252 100  
253 22.6 16.2 24.4  
125 4.6 3.0 4.4#



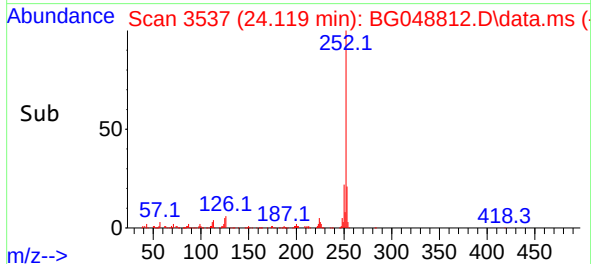
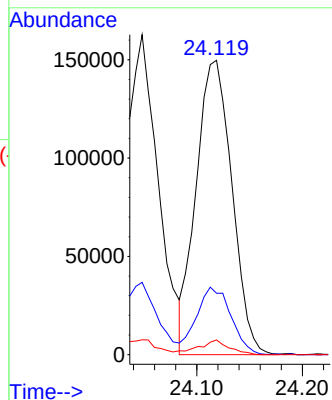
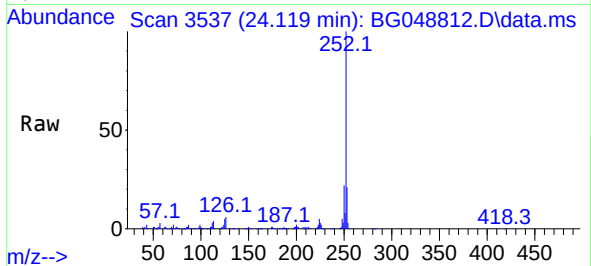


#89  
Benzo(k)fluoranthene  
Concen: 38.86 ng m  
RT: 24.119 min Scan# 3537  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

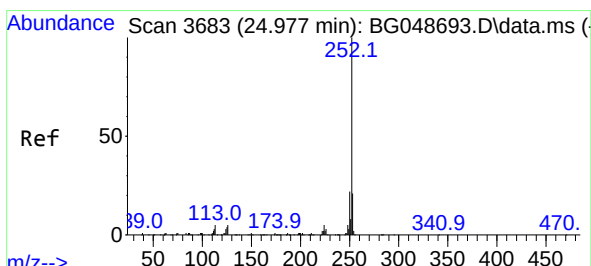
Tgt Ion:252 Resp: 352883  
Ion Ratio Lower Upper  
252 100  
253 20.9 18.0 27.0  
125 5.0 3.1 4.7#

Manual Integrations  
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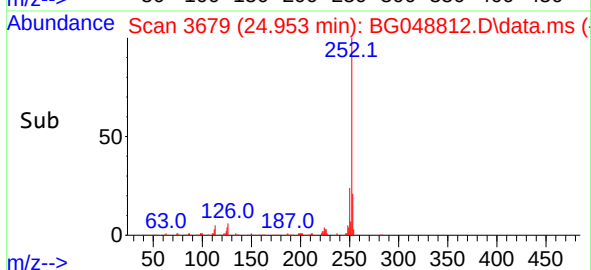
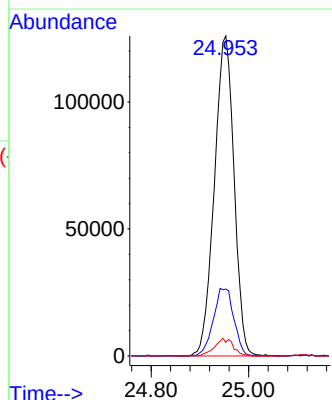
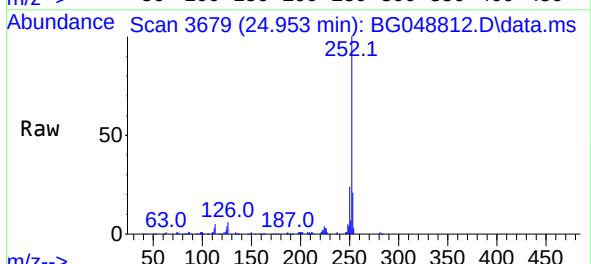
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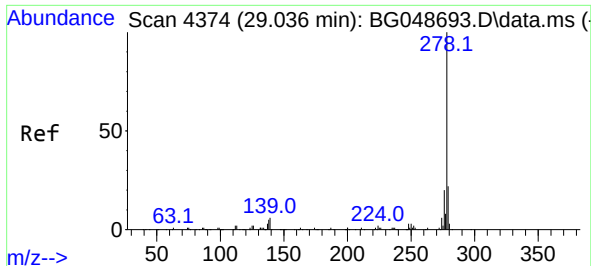


#90  
Benzo(a)pyrene  
Concen: 39.72 ng  
RT: 24.953 min Scan# 3679  
Delta R.T. -0.000 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Tgt Ion:252 Resp: 353341  
Ion Ratio Lower Upper  
252 100  
253 20.9 16.6 25.0  
125 4.3 3.5 5.3

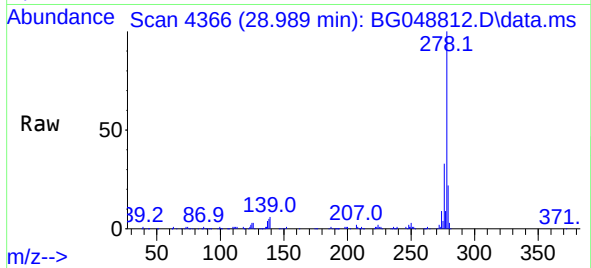






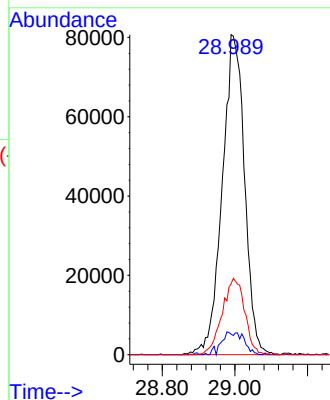
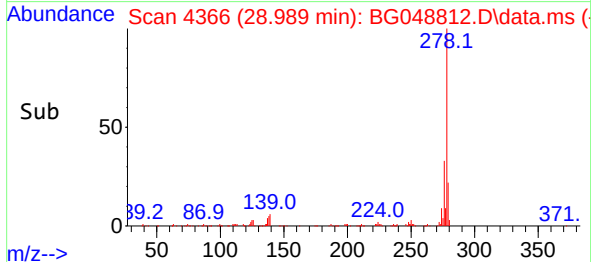
#91  
Dibenzo(a,h)anthracene  
Concen: 38.42 ng  
RT: 28.989 min Scan# 4366  
Delta R.T. -0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



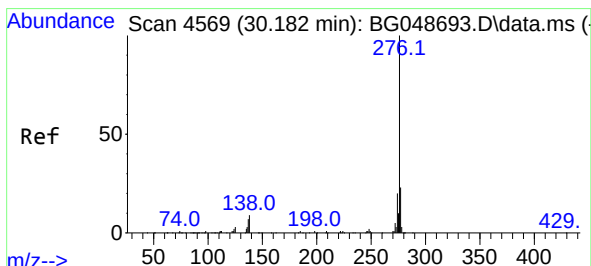
Tgt Ion:278 Resp: 344446  
Ion Ratio Lower Upper  
278 100  
139 6.4 4.6 6.8  
279 22.2 17.9 26.9

Manual Integrations  
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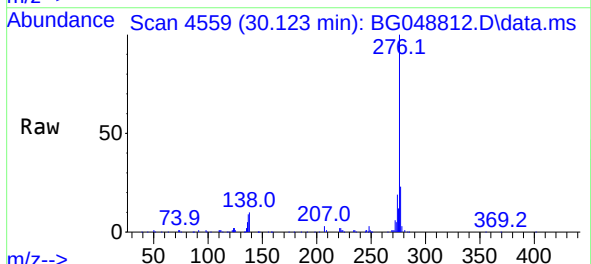


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4/22/2021 12:09:26 PM



#92  
Benzo(g,h,i)perylene  
Concen: 37.98 ng  
RT: 30.123 min Scan# 4559  
Delta R.T. -0.006 min  
Lab File: BG048812.D  
Acq: 21 Apr 2021 9:02



Tgt Ion:276 Resp: 336144  
Ion Ratio Lower Upper  
276 100  
277 22.8 18.4 27.6  
138 10.0 7.0 10.6

