

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102121\  
 Data File : BG050672.D  
 Acq On : 21 Oct 2021 18:22  
 Operator : CG/JU  
 Sample : M4300-04MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TH-CDMS

Quant Time: Oct 22 04:02:29 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.252  | 152  | 36615    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.079 | 136  | 154773   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.874 | 164  | 104616   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.618 | 188  | 245948   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.919 | 240  | 214532   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.332 | 264  | 214259   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.791  | 112  | 274570   | 112.148 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.395  | 99   | 377334   | 106.451 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.422  | 82   | 258512   | 69.142  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.355 | 330  | 110354   | 110.591 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.493 | 172  | 459110   | 66.049  | ng    | -0.01    |
| 79) Terphenyl-d14             | 20.203 | 244  | 745130   | 67.688  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.646  | 88   | 42623    | 33.614  | ng    | 92       |
| 3) Pyridine                   | 4.051  | 79   | 100210   | 28.929  | ng    | # 91     |
| 4) n-Nitrosodimethylamine     | 3.969  | 42   | 67366    | 41.268  | ng    | # 54     |
| 6) Aniline                    | 7.571  | 93   | 135343   | 32.863  | ng    | # 95     |
| 8) 2-Chlorophenol             | 7.812  | 128  | 110994   | 47.086  | ng    | 90       |
| 9) Benzaldehyde               | 7.383  | 77   | 83664    | 37.074  | ng    | 89       |
| 10) Phenol                    | 7.424  | 94   | 157242   | 45.624  | ng    | 85       |
| 11) bis(2-Chloroethyl)ether   | 7.659  | 93   | 111468   | 41.438  | ng    | 87       |
| 12) 1,3-Dichlorobenzene       | 8.135  | 146  | 115058   | 42.283  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.288  | 146  | 115365   | 42.053  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.605  | 146  | 112258   | 42.842  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.487  | 79   | 125859   | 44.931  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.769  | 45   | 181517   | 41.376  | ng    | 87       |
| 17) 2-Methylphenol            | 8.681  | 107  | 105083   | 46.338  | ng    | 92       |
| 18) Hexachloroethane          | 9.345  | 117  | 44655    | 43.009  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 9.052  | 70   | 106071   | 41.055  | ng    | # 88     |
| 20) 3+4-Methylphenols         | 9.010  | 107  | 143830   | 45.060  | ng    | 94       |
| 22) Acetophenone              | 9.075  | 105  | 175529   | 39.892  | ng    | # 97     |
| 24) Nitrobenzene              | 9.469  | 77   | 156448   | 42.083  | ng    | 94       |
| 25) Isophorone                | 9.986  | 82   | 269363   | 40.618  | ng    | # 96     |
| 26) 2-Nitrophenol             | 10.180 | 139  | 62721    | 45.947  | ng    | # 90     |
| 27) 2,4-Dimethylphenol        | 10.227 | 122  | 114518   | 48.557  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.462 | 93   | 151298   | 39.901  | ng    | # 92     |
| 29) 2,4-Dichlorophenol        | 10.714 | 162  | 108765   | 45.248  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.932 | 180  | 109309   | 40.031  | ng    | 92       |
| 31) Naphthalene               | 11.126 | 128  | 342765   | 41.374  | ng    | 97       |
| 32) Benzoic acid              | 10.368 | 122  | 71519    | 40.860  | ng    | # 78     |
| 33) 4-Chloroaniline           | 11.231 | 127  | 84319    | 24.258  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.396 | 225  | 67048    | 39.112  | ng    | 95       |
| 35) Caprolactam               | 12.007 | 113  | 25543    | 27.765  | ng    | # 72     |
| 36) 4-Chloro-3-methylphenol   | 12.330 | 107  | 135277   | 45.024  | ng    | # 88     |
| 37) 2-Methylnaphthalene       | 12.712 | 142  | 242271   | 42.384  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.929 | 142  | 227043   | 40.961  | ng    | 93       |
| 40) 1,2,4,5-Tetrachloroben... | 13.076 | 216  | 122693   | 39.715  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 13.047 | 237  | 149045   | 83.477  | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 13.311 | 196  | 91515    | 42.037  | ng    | 94       |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

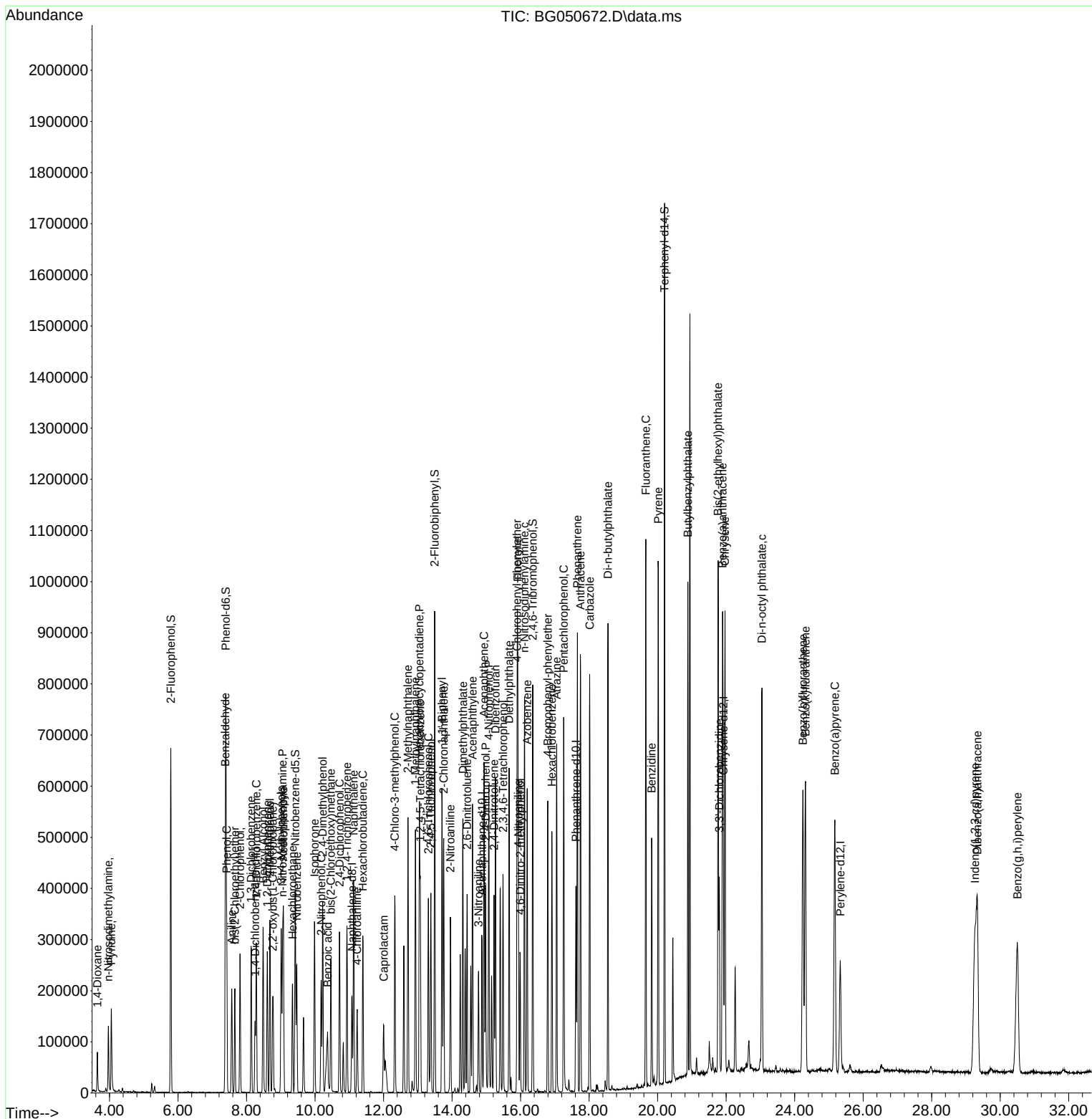
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TH-CDMS

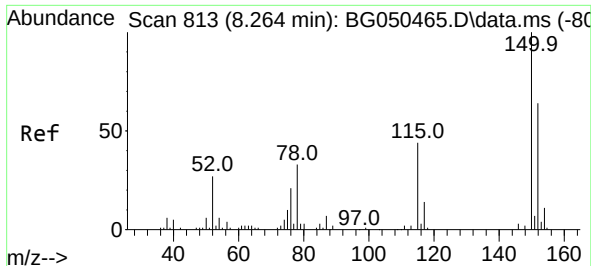
Quant Time: Oct 22 04:02:29 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.382 | 196  | 99601    | 43.761 | ng    | 91       |
| 46) 1,1'-Biphenyl             | 13.705 | 154  | 300594   | 39.393 | ng    | 94       |
| 47) 2-Chloronaphthalene       | 13.758 | 162  | 242008   | 41.303 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.952 | 65   | 105611   | 45.311 | ng    | 97       |
| 49) Acenaphthylene            | 14.598 | 152  | 403412   | 42.020 | ng    | 96       |
| 50) Dimethylphthalate         | 14.316 | 163  | 324615   | 41.051 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.439 | 165  | 71016    | 44.838 | ng    | 91       |
| 52) Acenaphthene              | 14.933 | 154  | 234418   | 37.998 | ng    | 94       |
| 53) 3-Nitroaniline            | 14.774 | 138  | 53390    | 28.498 | ng    | 83       |
| 54) 2,4-Dinitrophenol         | 14.980 | 184  | 82752    | 84.220 | ng    | 90       |
| 55) Dibenzofuran              | 15.268 | 168  | 381043   | 39.936 | ng    | 97       |
| 56) 4-Nitrophenol             | 15.074 | 139  | 136952   | 90.876 | ng    | # 81     |
| 57) 2,4-Dinitrotoluene        | 15.227 | 165  | 101797   | 45.599 | ng    | # 93     |
| 58) Fluorene                  | 15.914 | 166  | 305458   | 41.679 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.491 | 232  | 82655    | 41.690 | ng    | 94       |
| 60) Diethylphthalate          | 15.667 | 149  | 348499   | 41.945 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.896 | 204  | 161567   | 40.291 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.938 | 138  | 83456    | 42.816 | ng    | # 68     |
| 63) Azobenzene                | 16.196 | 77   | 388797   | 40.425 | ng    | 83       |
| 65) 4,6-Dinitro-2-methylph... | 15.990 | 198  | 56807    | 38.455 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 16.114 | 169  | 277369   | 39.690 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.795 | 248  | 99381    | 40.099 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.913 | 284  | 101963   | 41.394 | ng    | # 90     |
| 69) Atrazine                  | 17.054 | 200  | 118827   | 43.164 | ng    | 99       |
| 70) Pentachlorophenol         | 17.260 | 266  | 127048   | 75.767 | ng    | 97       |
| 71) Phenanthrene              | 17.659 | 178  | 528664   | 40.790 | ng    | 98       |
| 72) Anthracene                | 17.747 | 178  | 540277   | 41.950 | ng    | 98       |
| 73) Carbazole                 | 18.017 | 167  | 511853   | 39.876 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.552 | 149  | 628885   | 41.749 | ng    | # 97     |
| 75) Fluoranthene              | 19.657 | 202  | 647980   | 40.672 | ng    | 96       |
| 77) Benzidine                 | 19.827 | 184  | 273552   | 39.342 | ng    | 97       |
| 78) Pyrene                    | 20.021 | 202  | 651297   | 42.789 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.885 | 149  | 270497   | 42.014 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.895 | 228  | 580933   | 40.924 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.801 | 252  | 131426   | 27.936 | ng    | # 95     |
| 83) Chrysene                  | 21.966 | 228  | 560884   | 42.005 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.766 | 149  | 390126   | 42.647 | ng    | # 95     |
| 85) Di-n-octyl phthalate      | 23.047 | 149  | 660001   | 43.257 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.263 | 276  | 635072   | 42.556 | ng    | # 89     |
| 88) Benzo(b)fluoranthene      | 24.240 | 252  | 577806   | 44.034 | ng    | # 93     |
| 89) Benzo(k)fluoranthene      | 24.316 | 252  | 558470   | 43.262 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 25.174 | 252  | 559651   | 50.163 | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 29.334 | 278  | 528556   | 42.821 | ng    | # 93     |
| 92) Benzo(g,h,i)perylene      | 30.503 | 276  | 524693   | 43.402 | ng    | # 93     |

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

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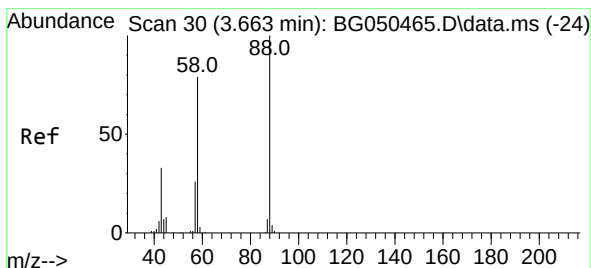
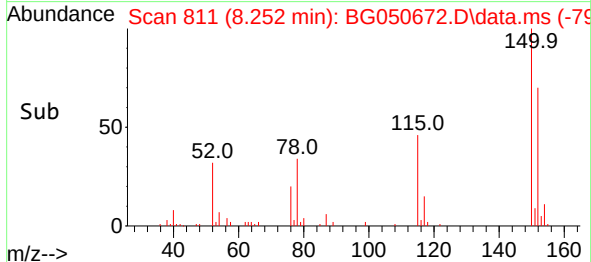
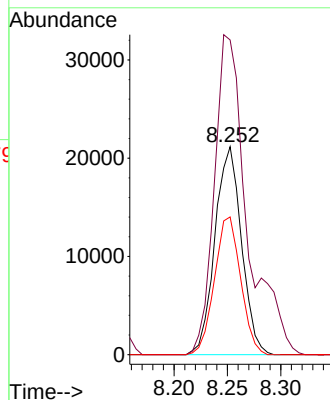
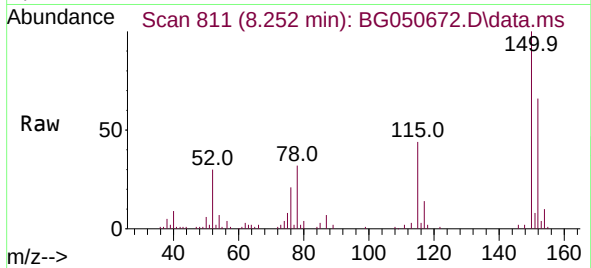




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.252 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

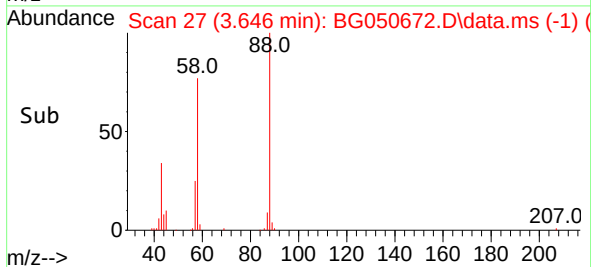
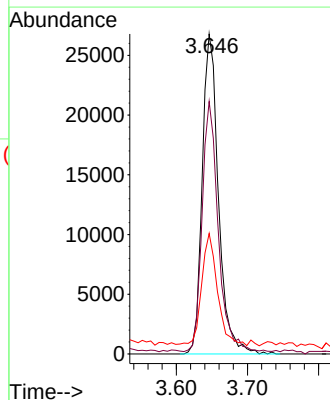
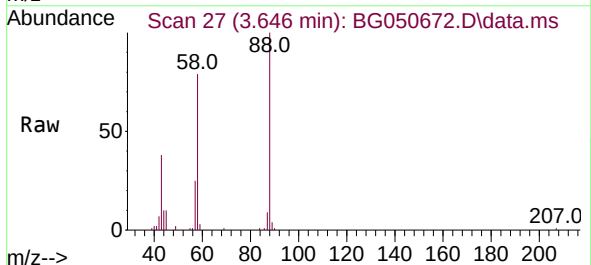
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

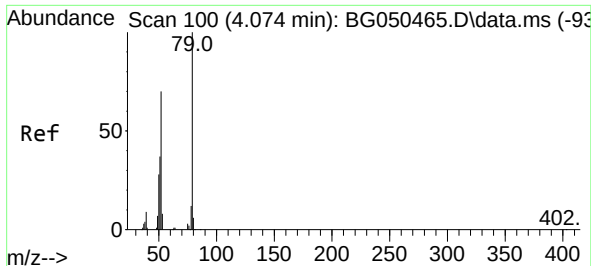
Tgt Ion:152 Resp: 36615  
Ion Ratio Lower Upper  
152 100  
150 151.3 119.4 179.0  
115 66.3 60.2 90.4



#2  
1,4-Dioxane  
Concen: 33.614 ng  
RT: 3.646 min Scan# 27  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion: 88 Resp: 42623  
Ion Ratio Lower Upper  
88 100  
58 77.4 55.7 83.5  
43 34.2 29.3 43.9

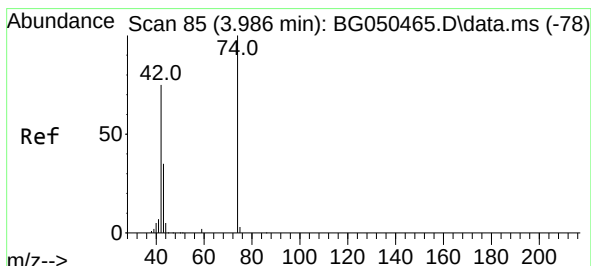
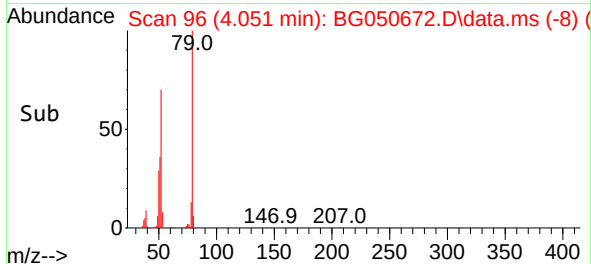
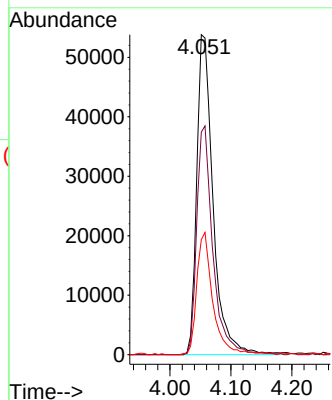
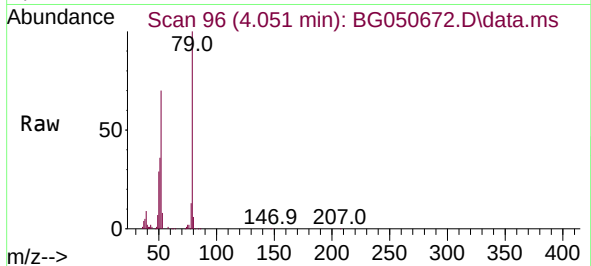




#3  
Pyridine  
Concen: 28.929 ng  
RT: 4.051 min Scan# 96  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

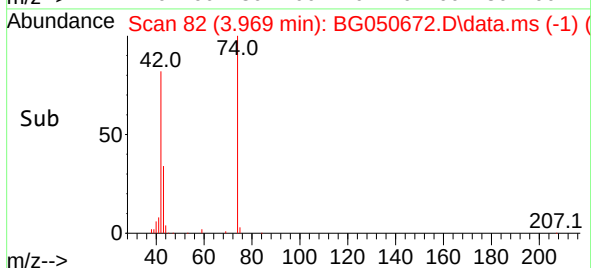
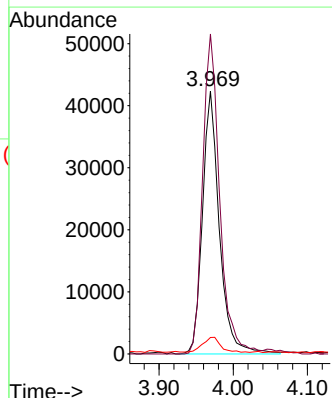
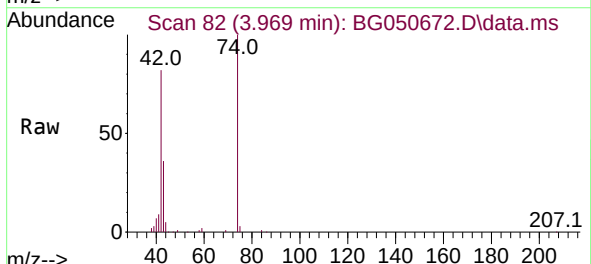
Instrument :  
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ClientSampleId :  
TH-CDMS

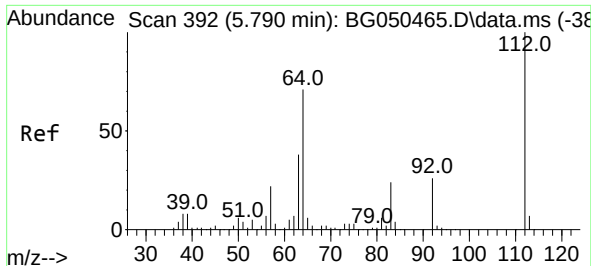
Tgt Ion: 79 Resp: 100210  
Ion Ratio Lower Upper  
79 100  
52 69.6 58.4 87.6  
51 35.9 37.0 55.6#



#4  
n-Nitrosodimethylamine  
Concen: 41.268 ng  
RT: 3.969 min Scan# 82  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion: 42 Resp: 67366  
Ion Ratio Lower Upper  
42 100  
74 121.7 64.0 96.0#  
44 6.3 2.7 4.1#

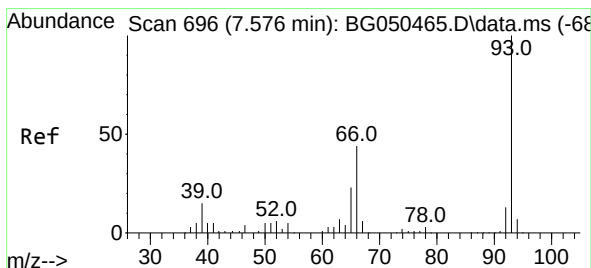
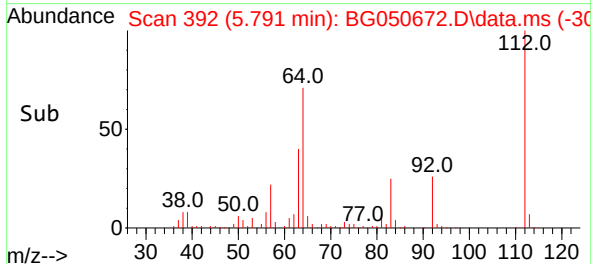
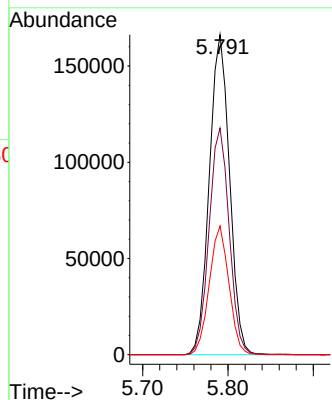
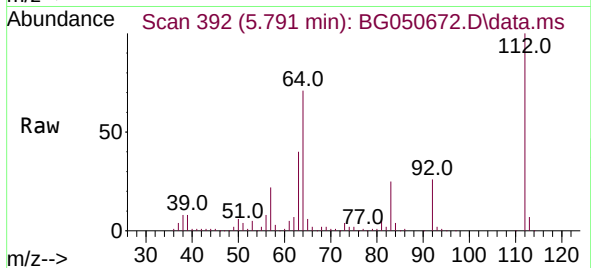




#5  
2-Fluorophenol  
Concen: 112.148 ng  
RT: 5.791 min Scan# 392  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

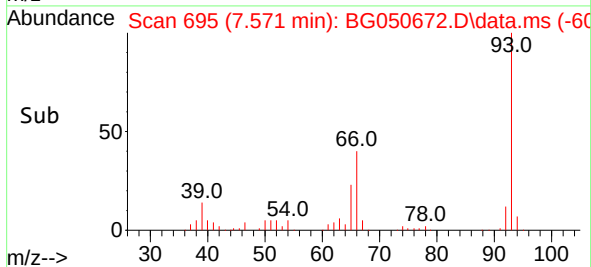
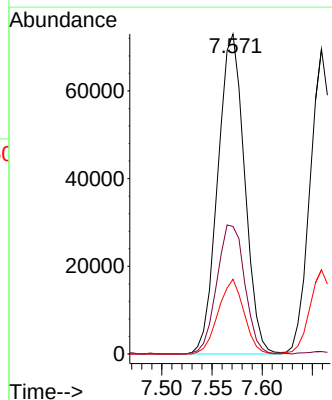
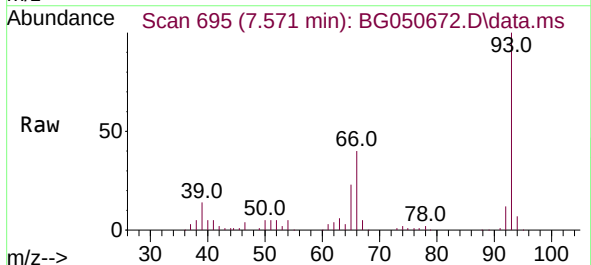
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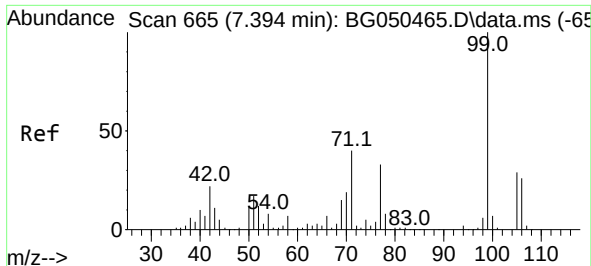
Tgt Ion:112 Resp: 274570  
Ion Ratio Lower Upper  
112 100  
64 70.8 46.7 70.1#  
63 40.2 35.3 52.9



#6  
Aniline  
Concen: 32.863 ng  
RT: 7.571 min Scan# 695  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion: 93 Resp: 135343  
Ion Ratio Lower Upper  
93 100  
66 39.9 30.6 45.8  
65 23.4 15.0 22.4#

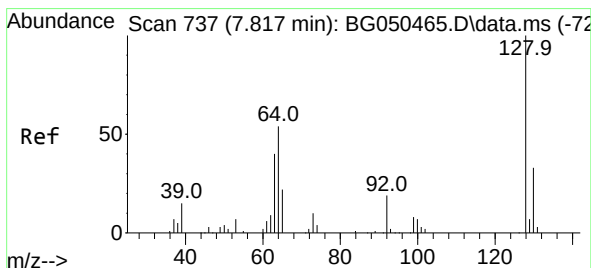
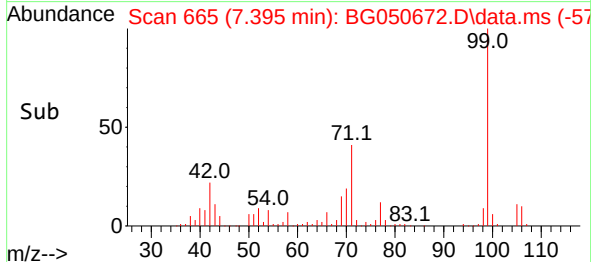
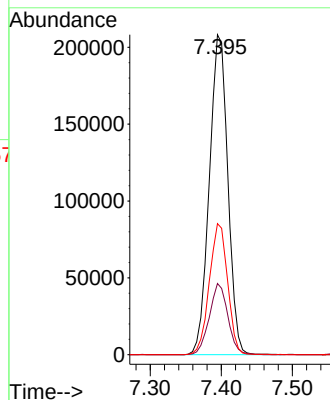
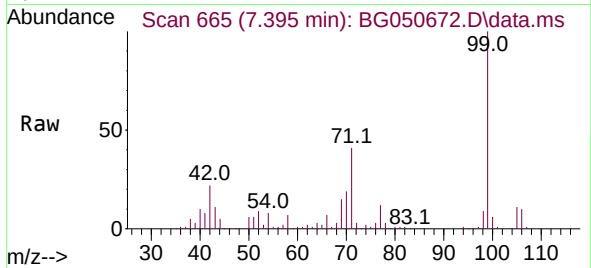




#7  
Phenol-d6  
Concen: 106.451 ng  
RT: 7.395 min Scan# 665  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

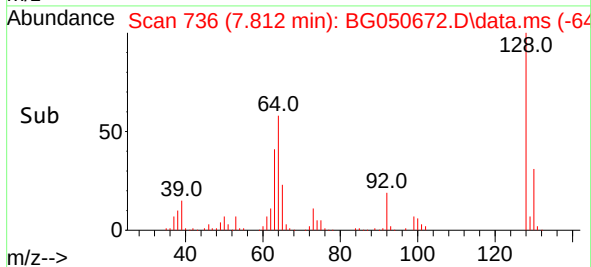
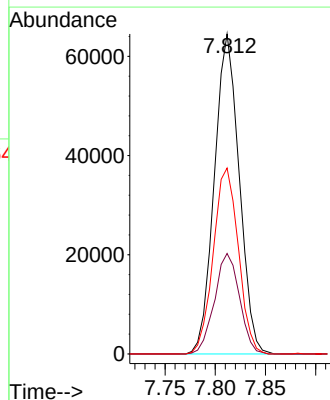
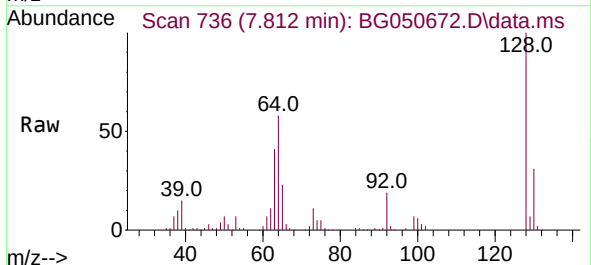
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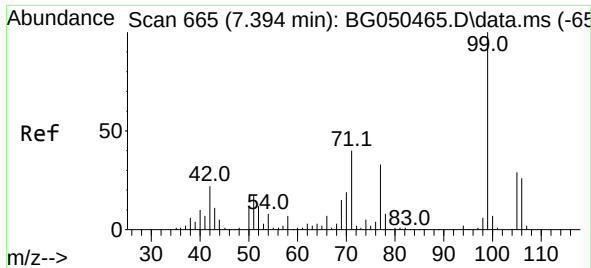
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Ion Ratio Lower Upper  
99 100  
42 22.3 20.5 30.7  
71 40.9 41.5 62.3#



#8  
2-Chlorophenol  
Concen: 47.086 ng  
RT: 7.812 min Scan# 736  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:128 Resp: 110994  
Ion Ratio Lower Upper  
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130 31.4 10.0 50.0  
64 58.1 28.1 68.1

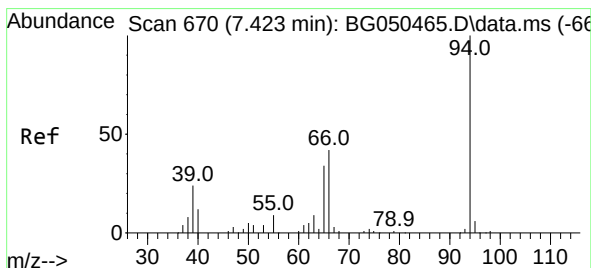
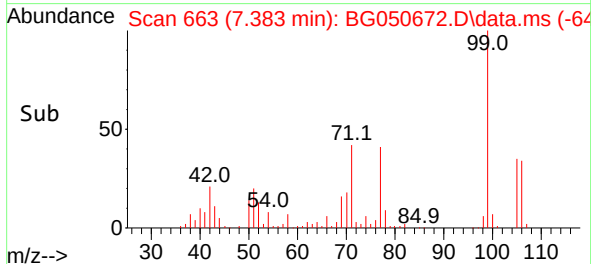
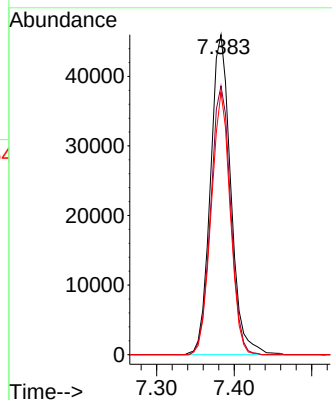
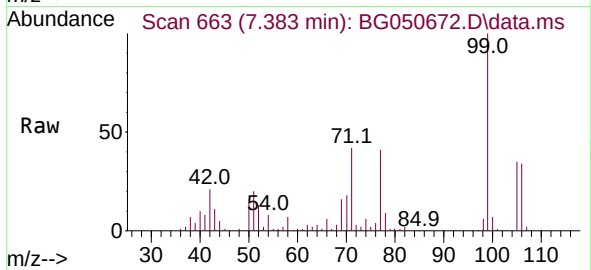




#9  
Benzaldehyde  
Concen: 37.074 ng  
RT: 7.383 min Scan# 663  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

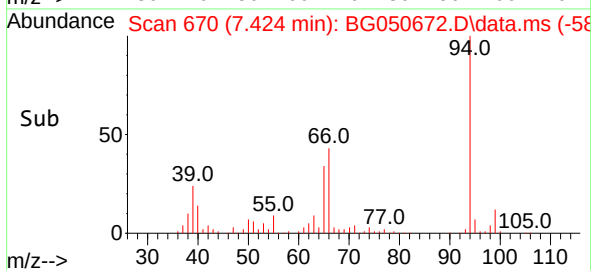
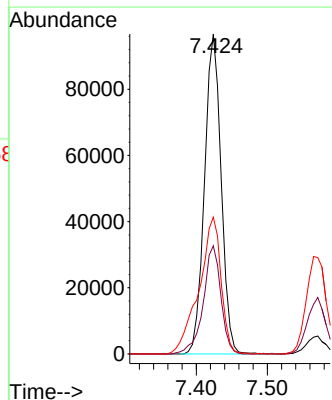
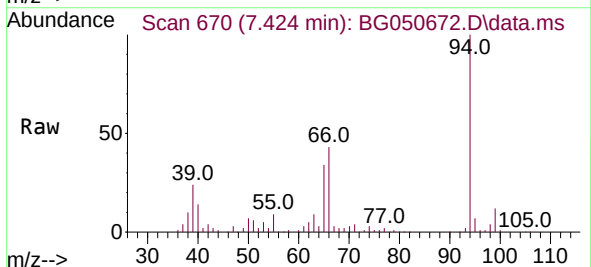
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

Tgt Ion: 77 Resp: 83664  
Ion Ratio Lower Upper  
77 100  
105 84.0 68.8 108.8  
106 82.1 47.9 87.9

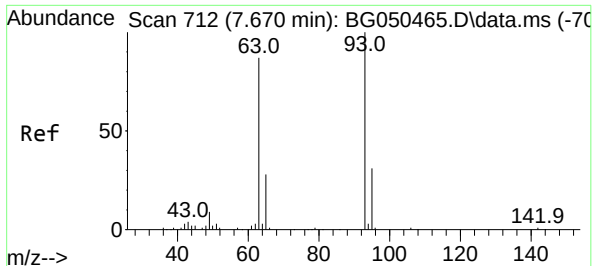


#10  
Phenol  
Concen: 45.624 ng  
RT: 7.424 min Scan# 670  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion: 94 Resp: 157242  
Ion Ratio Lower Upper  
94 100  
65 33.8 12.9 52.9  
66 42.7 39.4 79.4



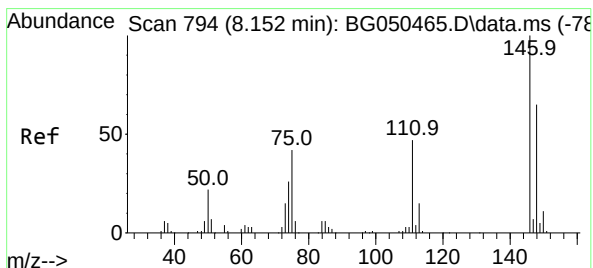
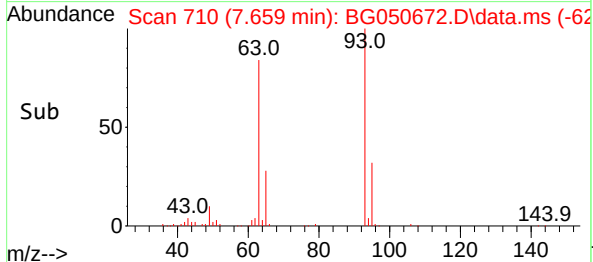
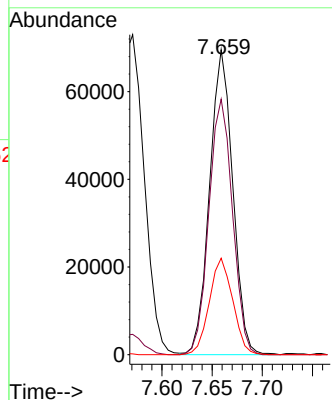
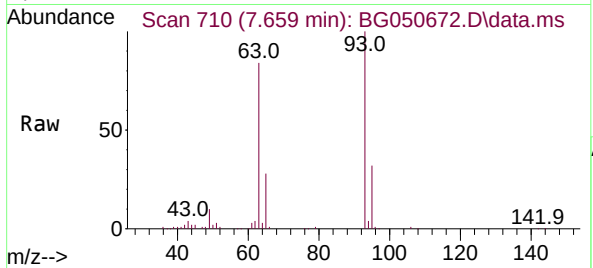




#11  
bis(2-Chloroethyl)ether  
Concen: 41.438 ng  
RT: 7.659 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

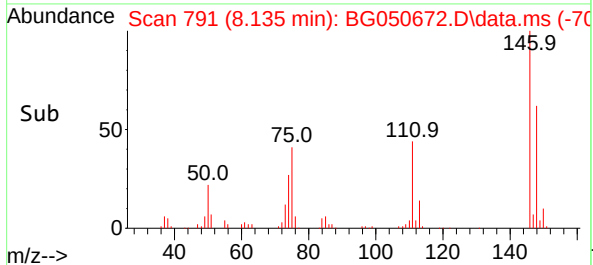
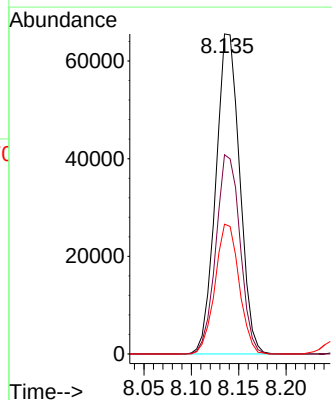
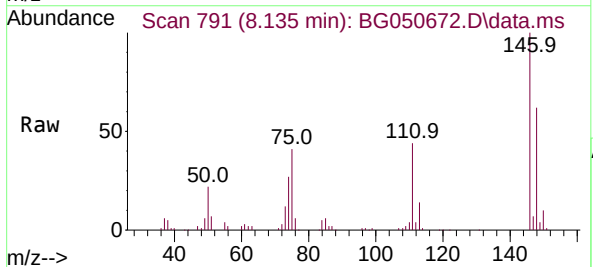
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

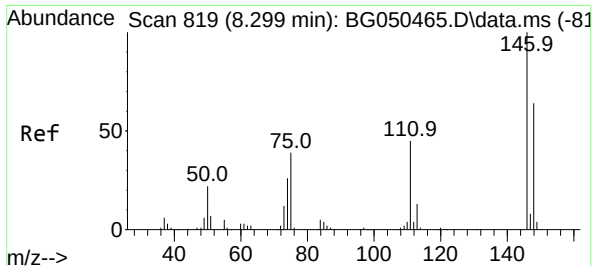
Tgt Ion: 93 Resp: 111468  
Ion Ratio Lower Upper  
93 100  
63 83.8 50.4 90.4  
95 31.7 15.3 55.3



#12  
1,3-Dichlorobenzene  
Concen: 42.283 ng  
RT: 8.135 min Scan# 791  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:146 Resp: 115058  
Ion Ratio Lower Upper  
146 100  
148 62.3 52.6 78.8  
75 40.5 35.7 53.5





#13

1,4-Dichlorobenzene

Concen: 42.053 ng

RT: 8.288 min Scan# 817

Delta R.T. -0.006 min

Lab File: BG050672.D

Acq: 21 Oct 2021 18:22

Instrument :

BNA\_G

ClientSampleId :

TH-CDMS

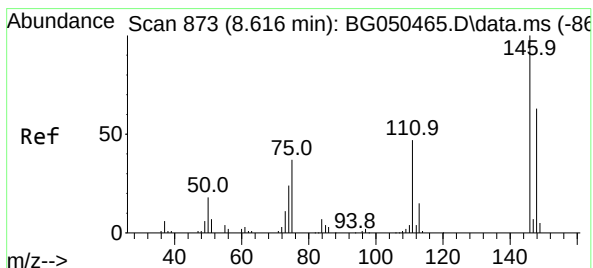
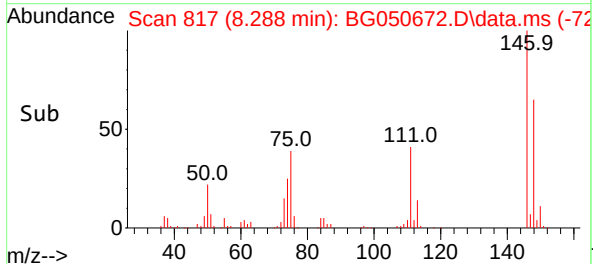
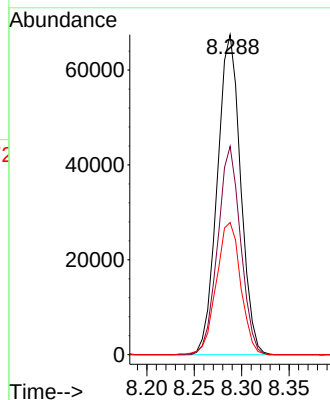
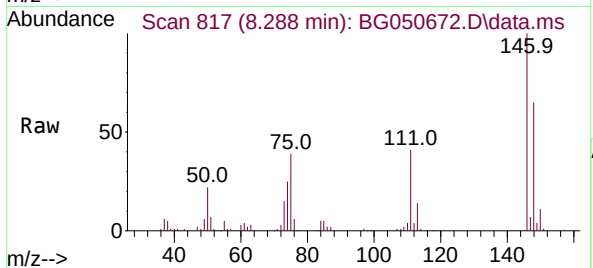
Tgt Ion:146 Resp: 115365

Ion Ratio Lower Upper

146 100

148 65.1 54.0 81.0

111 41.3 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 42.842 ng

RT: 8.605 min Scan# 871

Delta R.T. -0.012 min

Lab File: BG050672.D

Acq: 21 Oct 2021 18:22

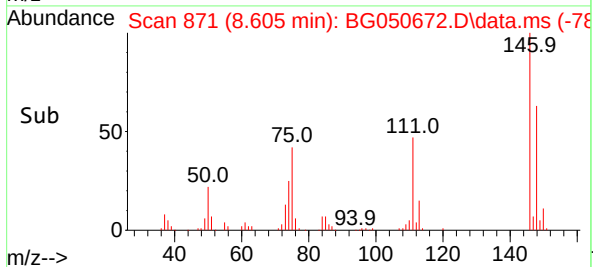
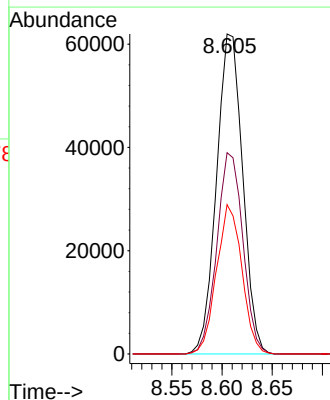
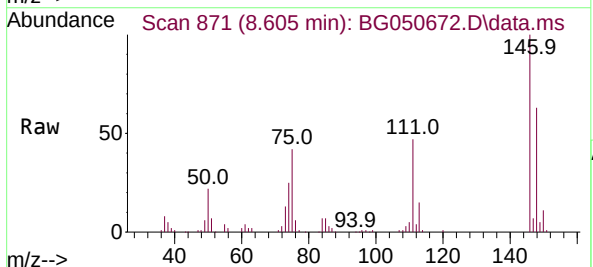
Tgt Ion:146 Resp: 112258

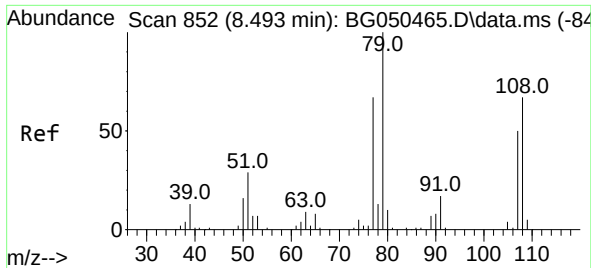
Ion Ratio Lower Upper

146 100

148 62.9 47.5 71.3

111 46.6 39.1 58.7

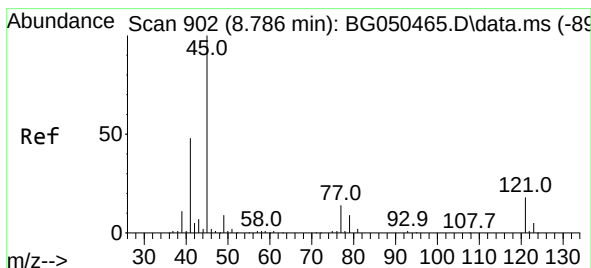
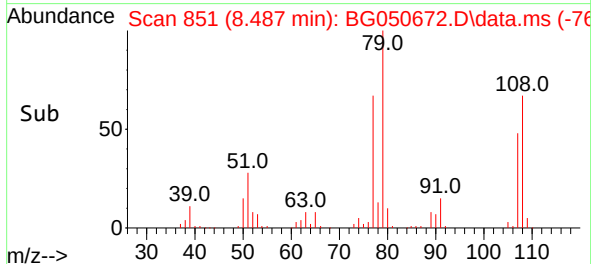
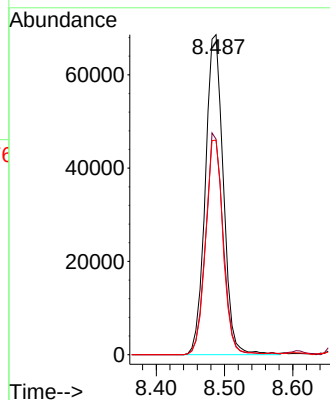
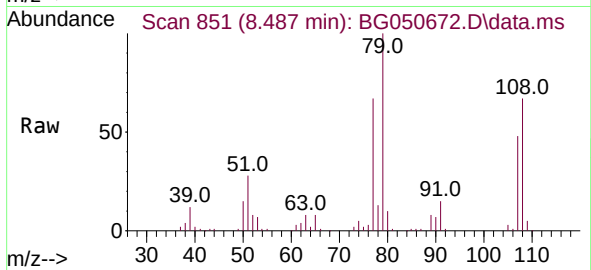




#15  
Benzyl Alcohol  
Concen: 44.931 ng  
RT: 8.487 min Scan# 851  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

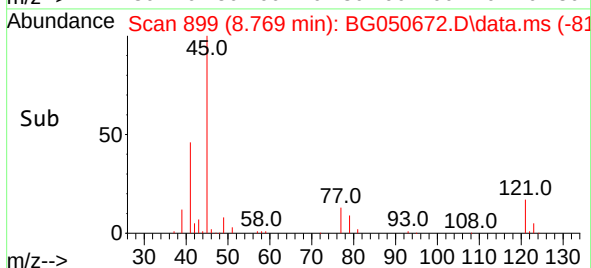
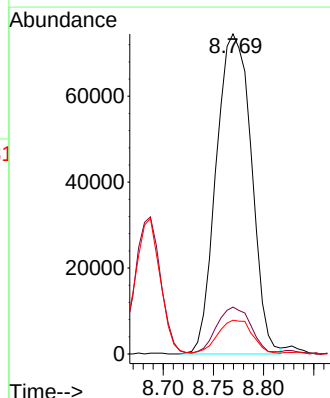
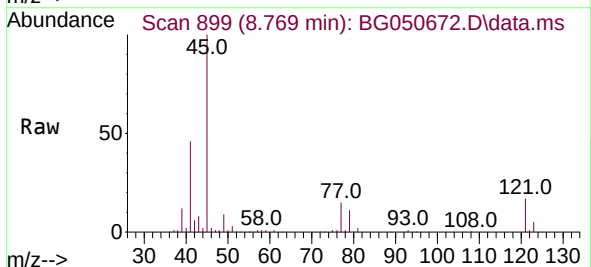
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

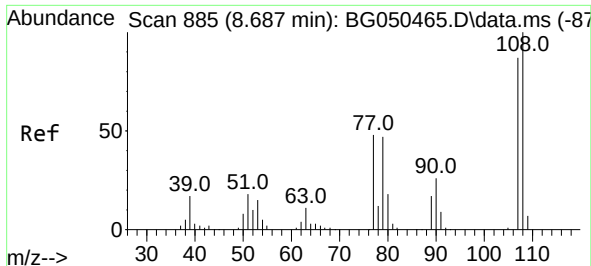
Tgt Ion: 79 Resp: 125859  
Ion Ratio Lower Upper  
79 100  
108 67.3 48.2 72.4  
77 67.0 57.3 85.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.376 ng  
RT: 8.769 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion: 45 Resp: 181517  
Ion Ratio Lower Upper  
45 100  
77 14.6 2.2 42.2  
79 10.5 0.0 34.3

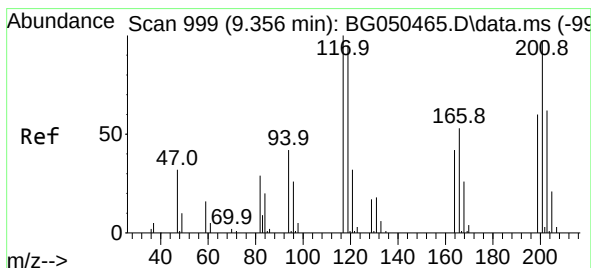
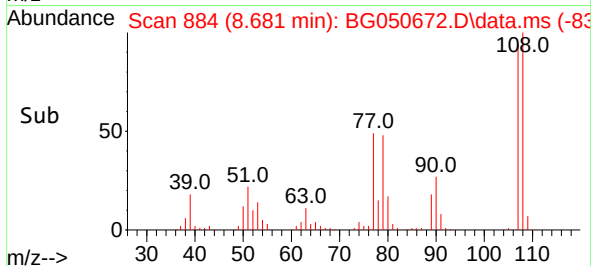
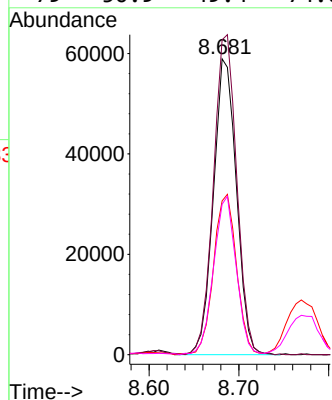
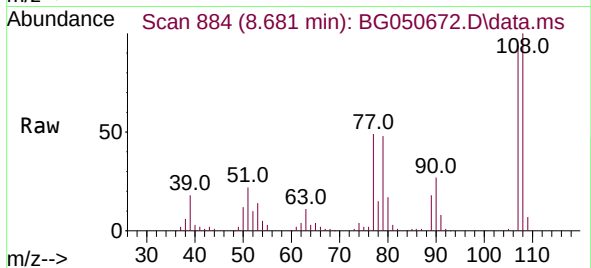




#17  
2-Methylphenol  
Concen: 46.338 ng  
RT: 8.681 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

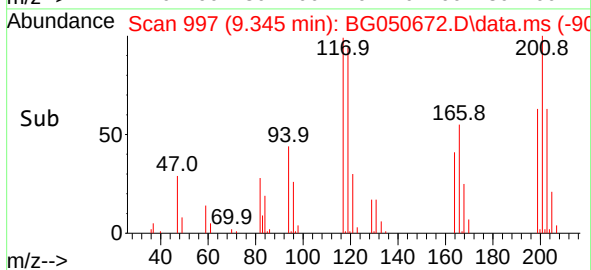
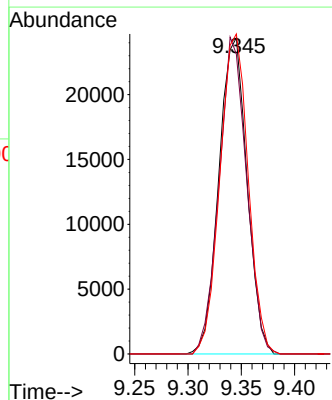
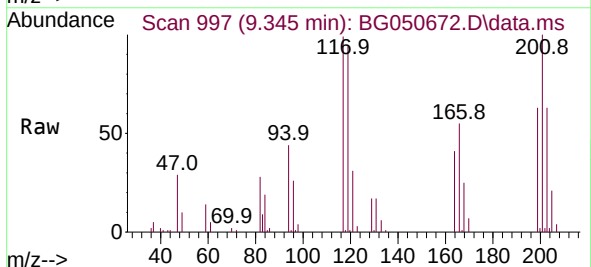
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

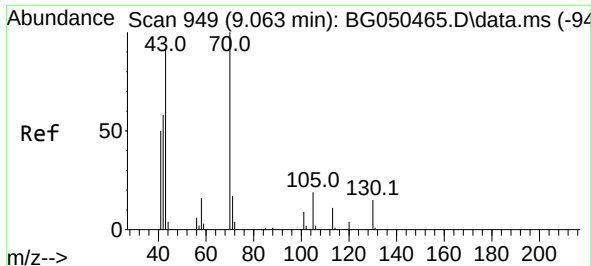
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 105083 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 106.4 | 84.6  | 127.0  |
| 77       | 52.0  | 50.7  | 76.1   |
| 79       | 50.9  | 49.4  | 74.0   |



#18  
Hexachloroethane  
Concen: 43.009 ng  
RT: 9.345 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

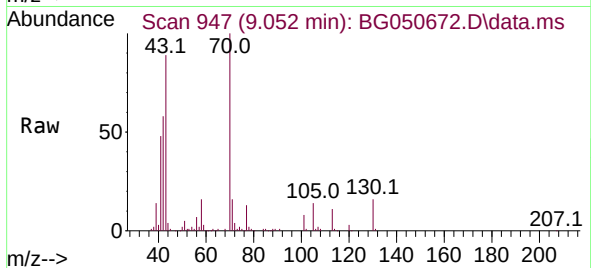
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 44655 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.1  | 74.4  | 111.6 |
| 201      | 101.2 | 88.6  | 133.0 |



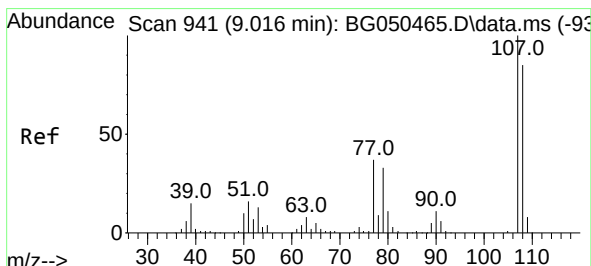
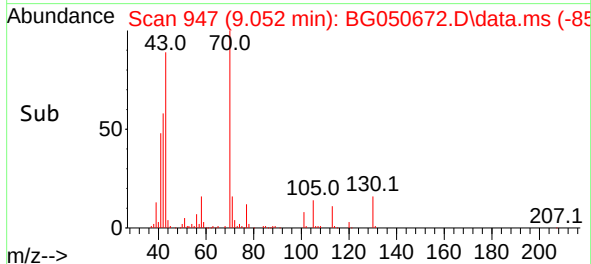
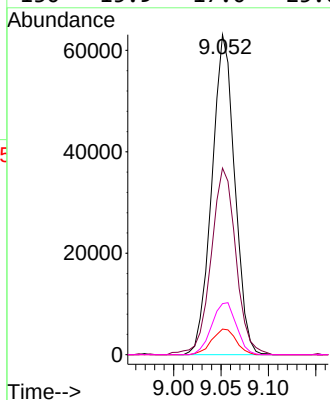


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.055 ng  
RT: 9.052 min Scan# 947  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

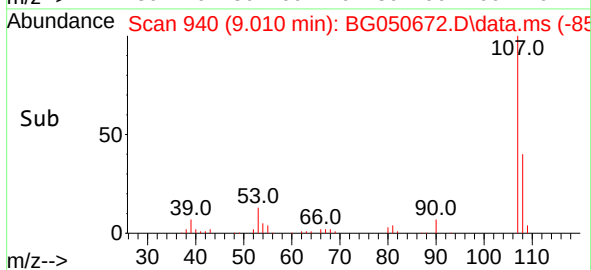
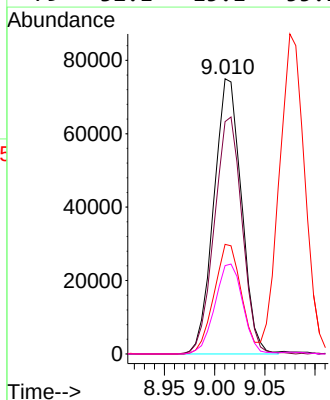
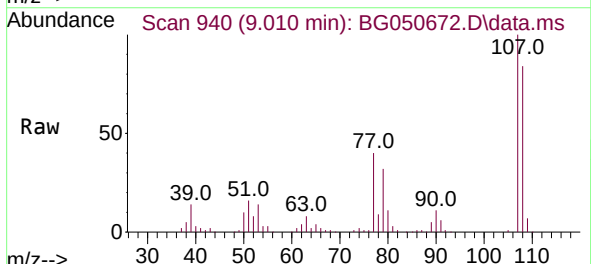


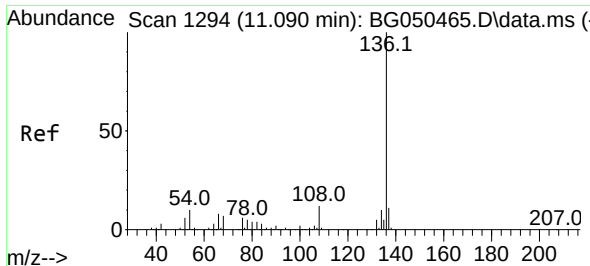
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 106071 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 58.3  | 54.5  | 81.7   |
| 101      | 8.0   | 9.0   | 13.6#  |
| 130      | 15.9  | 17.0  | 25.6#  |



#20  
3+4-Methylphenols  
Concen: 45.060 ng  
RT: 9.010 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

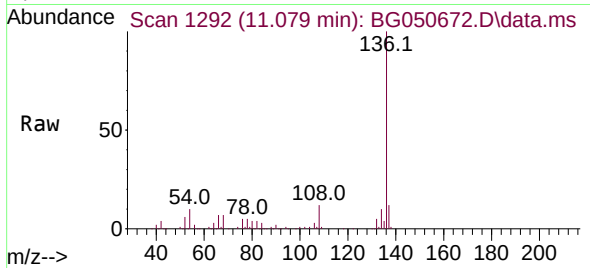
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 143830 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 84.4  | 69.3  | 109.3  |
| 77       | 39.8  | 25.2  | 65.2   |
| 79       | 32.1  | 15.1  | 55.1   |



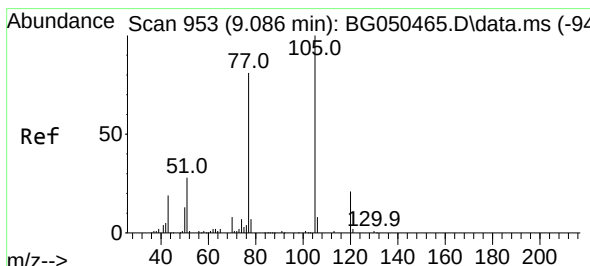
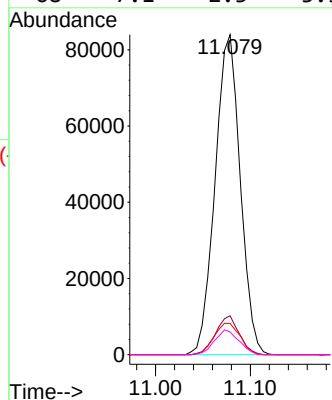
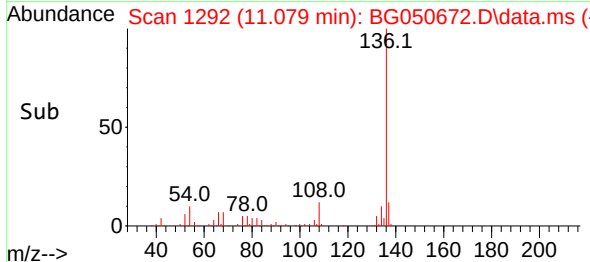


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.079 min Scan# 1292  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

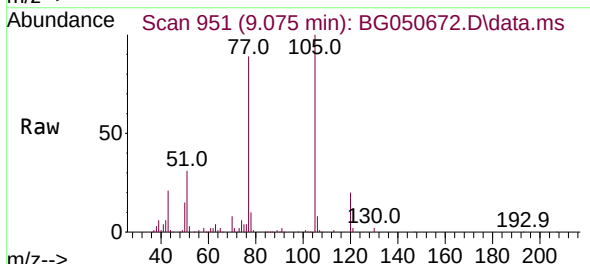
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS



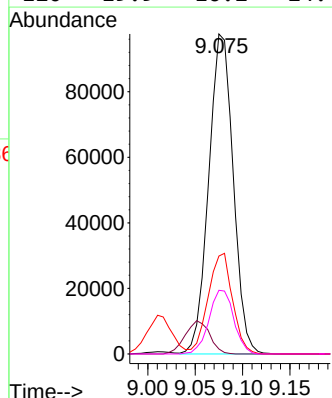
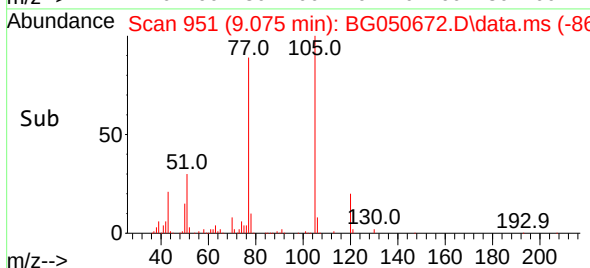
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 154773 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 12.1  | 8.2   | 12.2   |
| 54        | 9.8   | 5.5   | 8.3#   |
| 68        | 7.1   | 2.3   | 3.5#   |

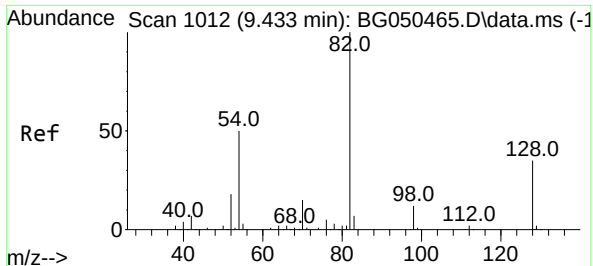


#22  
Acetophenone  
Concen: 39.892 ng  
RT: 9.075 min Scan# 951  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 175529 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.6   | 0.6   | 0.8#   |
| 51        | 30.6  | 26.6  | 40.0   |
| 120       | 19.9  | 16.2  | 24.4   |





#23

Nitrobenzene-d5

Concen: 69.142 ng

RT: 9.422 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BG050672.D

Acq: 21 Oct 2021 18:22

Tgt Ion: 82 Resp: 258512

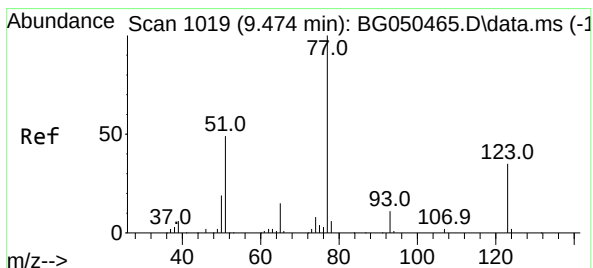
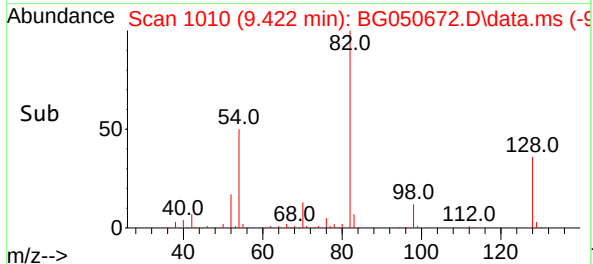
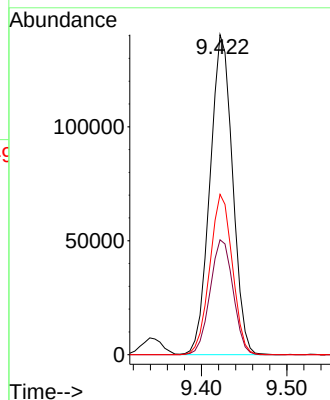
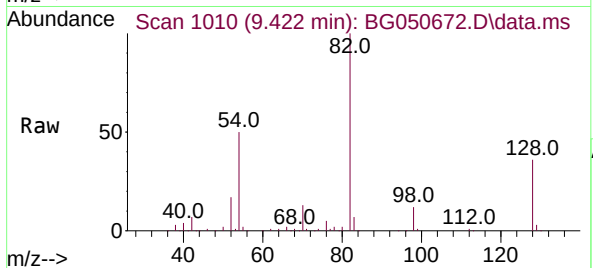
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 35.9  | 29.8  | 44.6  |
| 54  | 50.1  | 45.8  | 68.8  |

Instrument :

BNA\_G

ClientSampleId :

TH-CDMS



#24

Nitrobenzene

Concen: 42.083 ng

RT: 9.469 min Scan# 1018

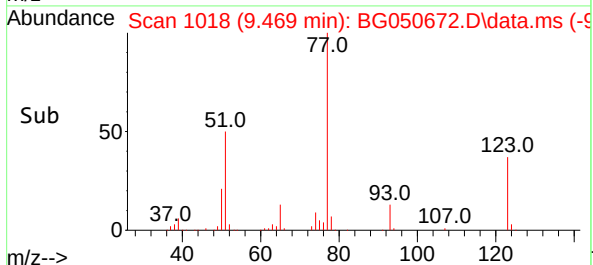
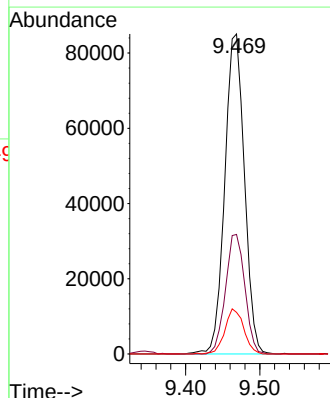
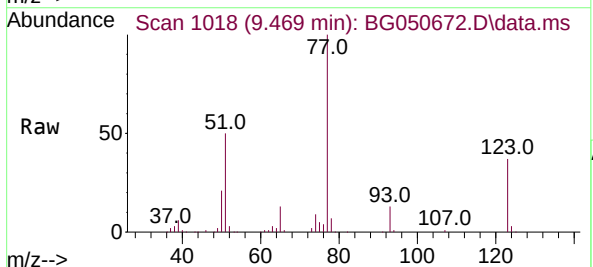
Delta R.T. -0.006 min

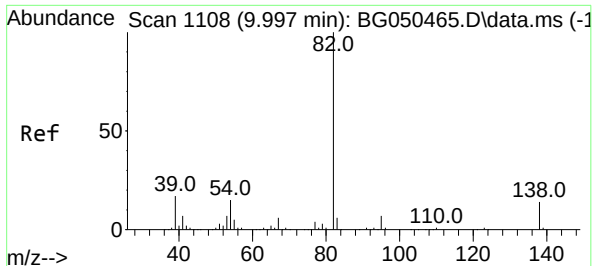
Lab File: BG050672.D

Acq: 21 Oct 2021 18:22

Tgt Ion: 77 Resp: 156448

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 37.3  | 27.5  | 41.3  |
| 65  | 13.0  | 12.6  | 18.8  |

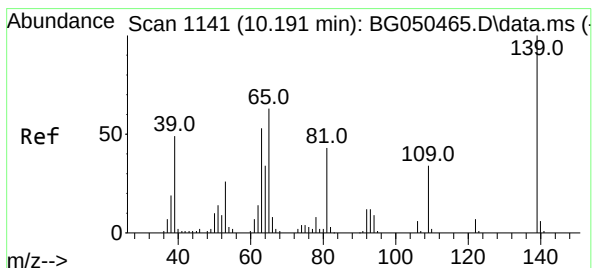
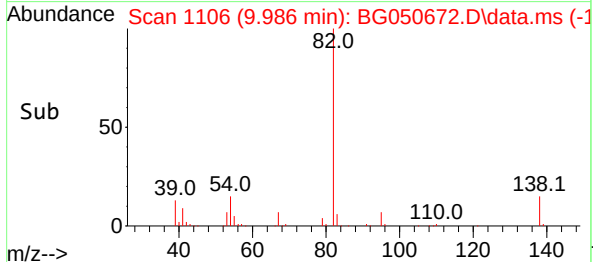
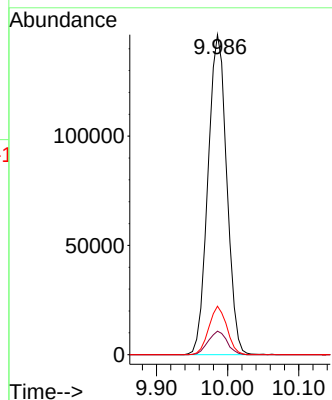
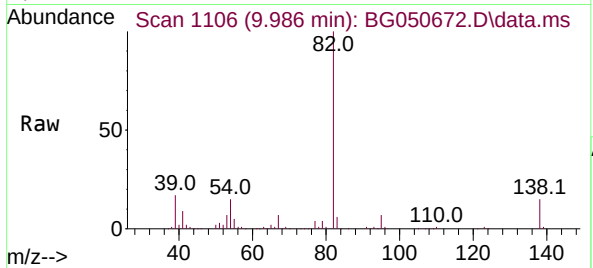




#25  
Isophorone  
Concen: 40.618 ng  
RT: 9.986 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

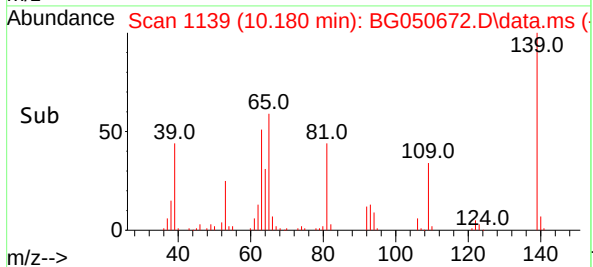
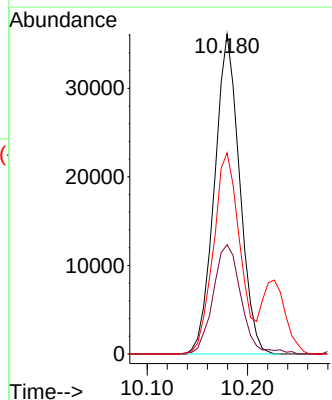
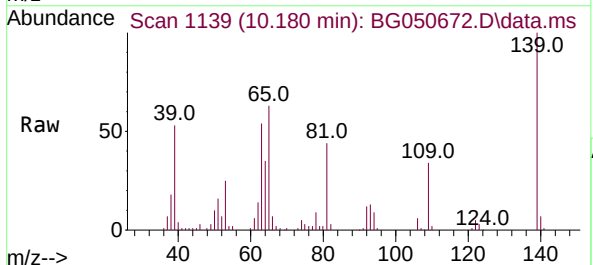
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

Tgt Ion: 82 Resp: 269363  
Ion Ratio Lower Upper  
82 100  
95 7.4 8.5 12.7#  
138 15.1 11.8 17.6

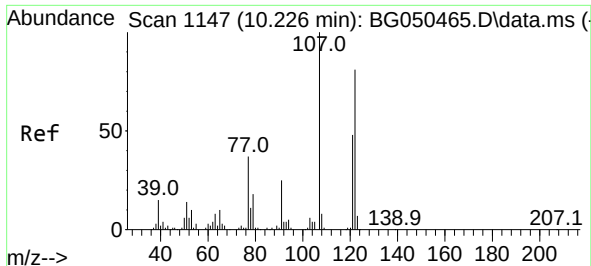


#26  
2-Nitrophenol  
Concen: 45.947 ng  
RT: 10.180 min Scan# 1139  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion: 139 Resp: 62721  
Ion Ratio Lower Upper  
139 100  
109 34.1 37.8 56.6#  
65 62.8 51.8 77.8



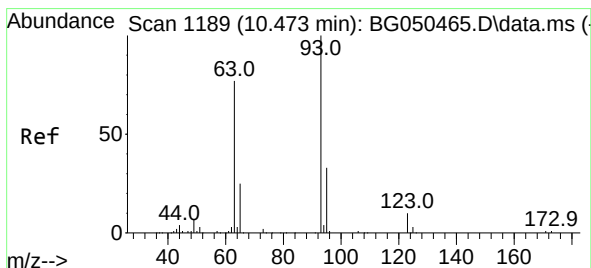
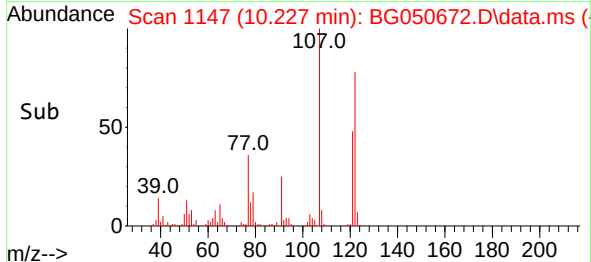
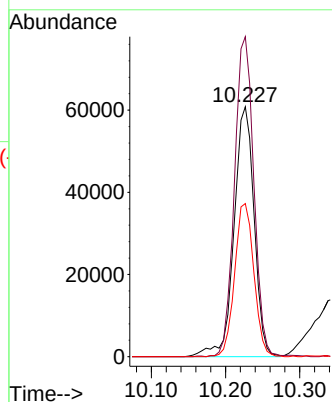
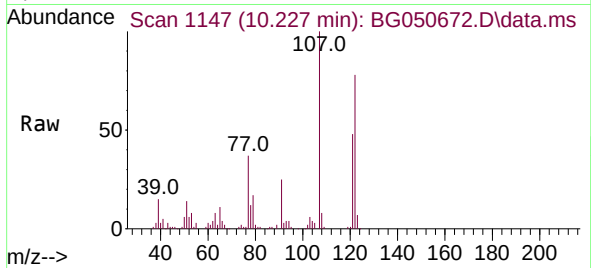




#27  
2,4-Dimethylphenol  
Concen: 48.557 ng  
RT: 10.227 min Scan# 1147  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

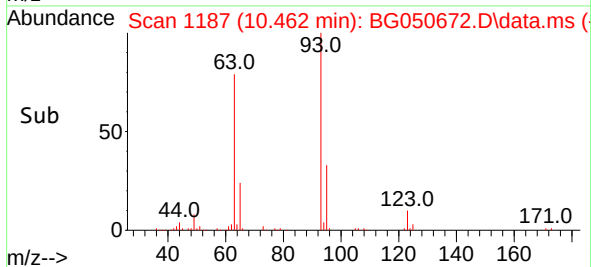
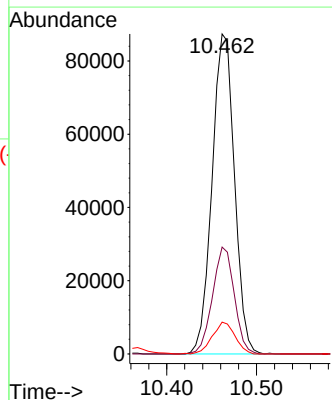
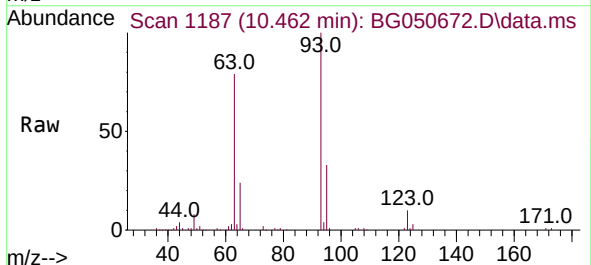
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

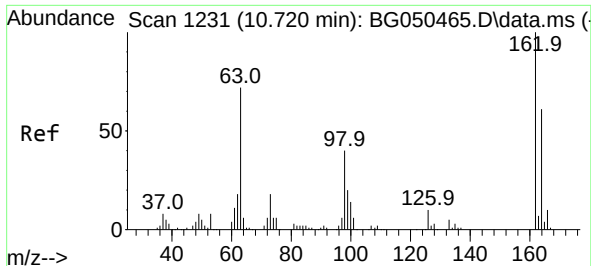
Tgt Ion:122 Resp: 114518  
Ion Ratio Lower Upper  
122 100  
107 128.0 110.1 165.1  
121 61.3 49.0 73.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.901 ng  
RT: 10.462 min Scan# 1187  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion: 93 Resp: 151298  
Ion Ratio Lower Upper  
93 100  
95 33.4 22.2 33.4#  
123 9.9 8.8 13.2

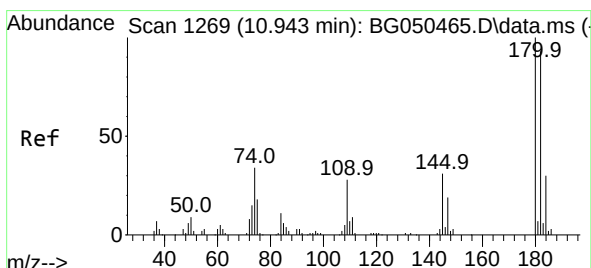
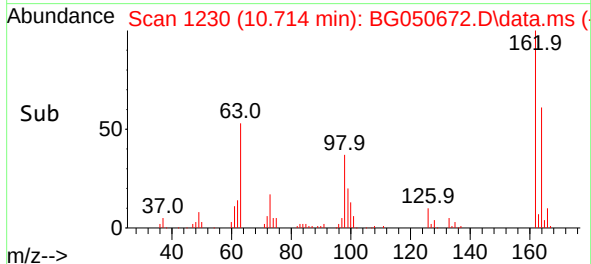
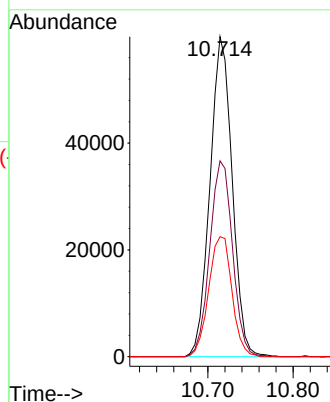
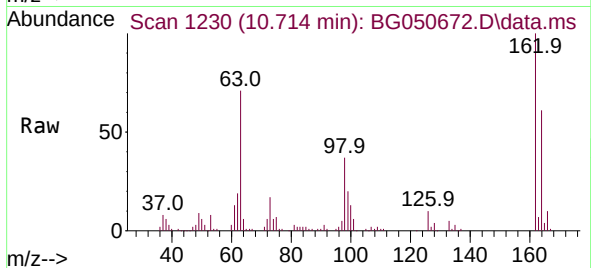




#29  
2,4-Dichlorophenol  
Concen: 45.248 ng  
RT: 10.714 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

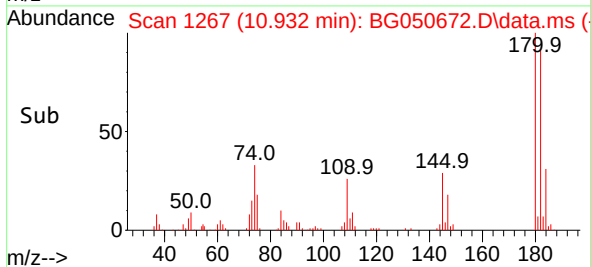
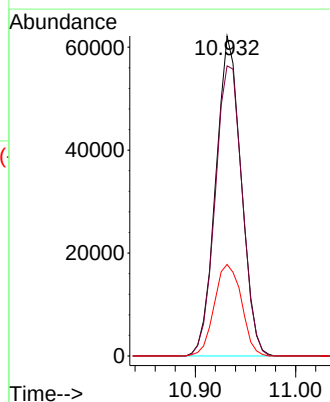
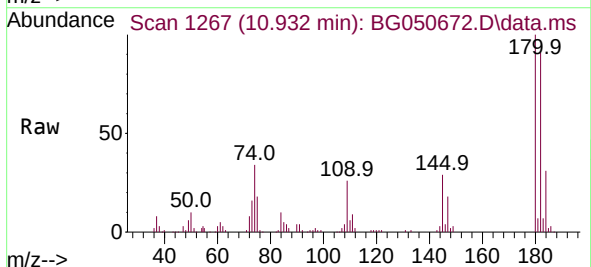
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

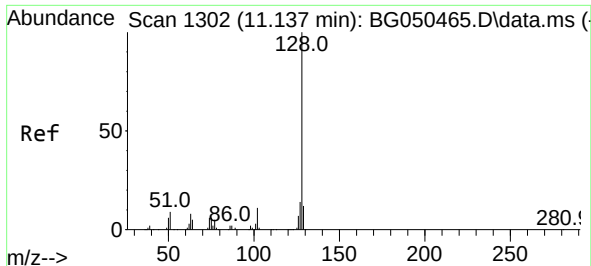
Tgt Ion:162 Resp: 108765  
Ion Ratio Lower Upper  
162 100  
164 61.2 39.4 79.4  
98 37.5 18.7 58.7



#30  
1,2,4-Trichlorobenzene  
Concen: 40.031 ng  
RT: 10.932 min Scan# 1267  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:180 Resp: 109309  
Ion Ratio Lower Upper  
180 100  
182 90.6 78.9 118.3  
145 28.6 26.2 39.4

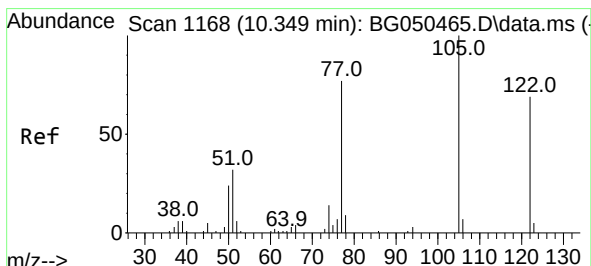
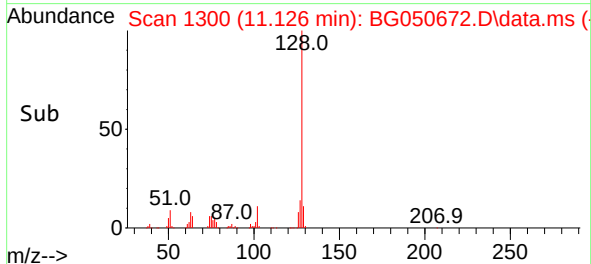
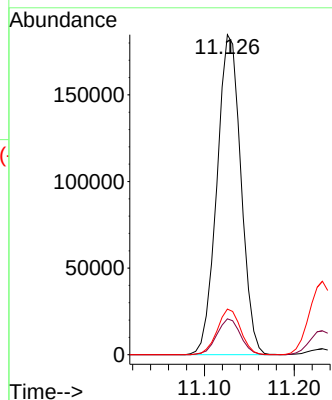
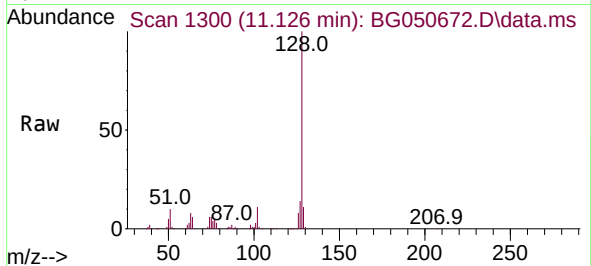




#31  
Naphthalene  
Concen: 41.374 ng  
RT: 11.126 min Scan# 1300  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

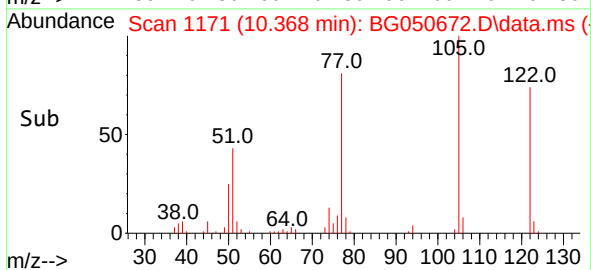
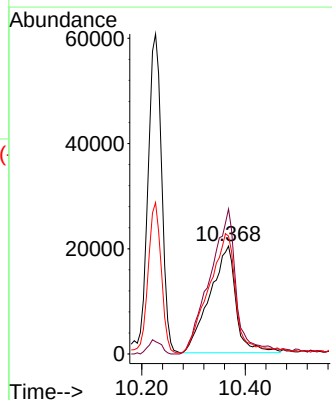
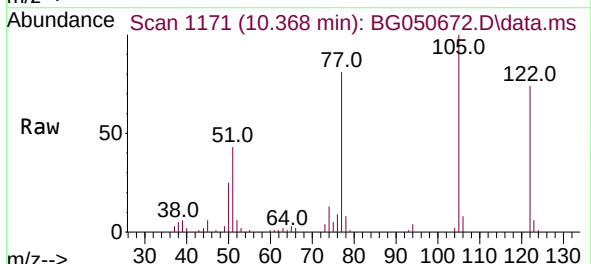
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

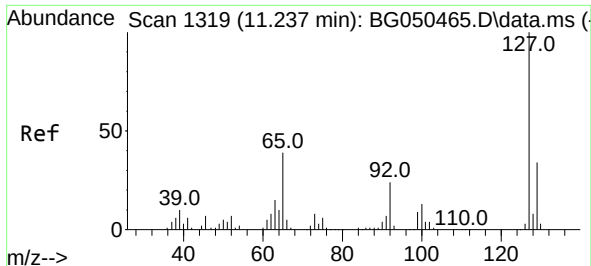
Tgt Ion:128 Resp: 342765  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.5 12.7  
127 14.3 10.2 15.4



#32  
Benzoic acid  
Concen: 40.860 ng  
RT: 10.368 min Scan# 1171  
Delta R.T. 0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:122 Resp: 71519  
Ion Ratio Lower Upper  
122 100  
105 134.4 92.3 132.3#  
77 109.2 66.5 106.5#

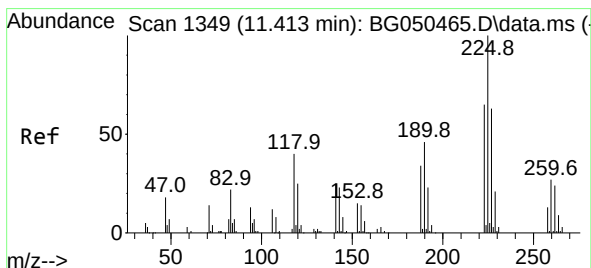
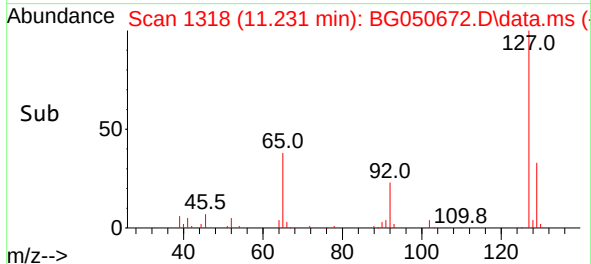
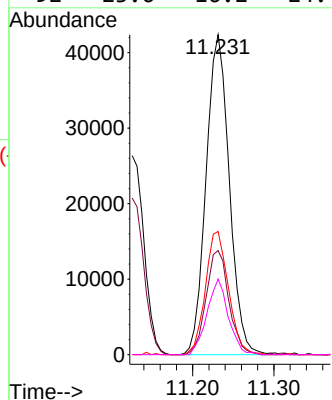
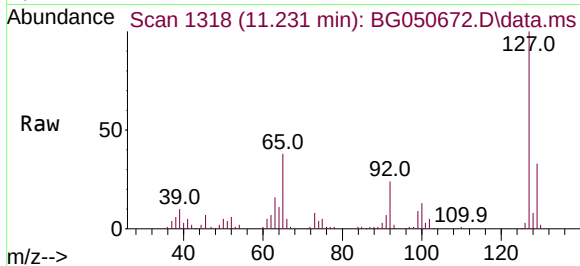




#33  
4-Chloroaniline  
Concen: 24.258 ng  
RT: 11.231 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

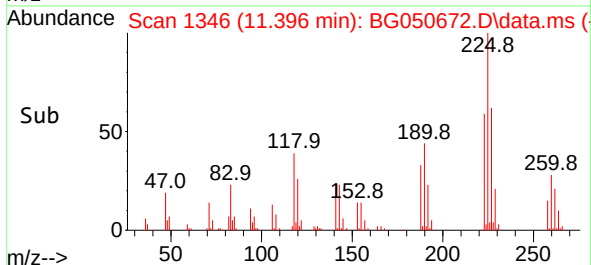
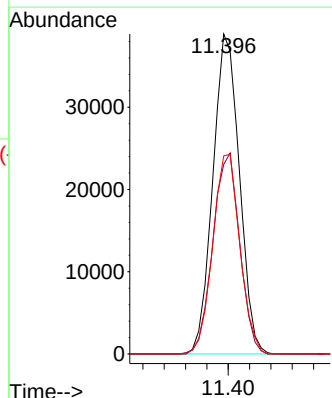
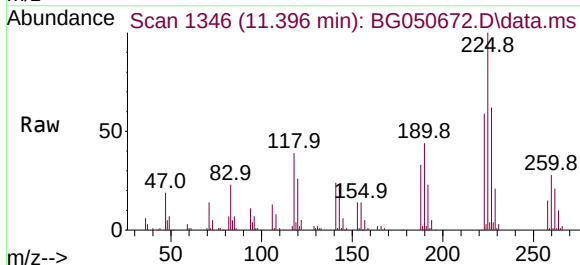
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

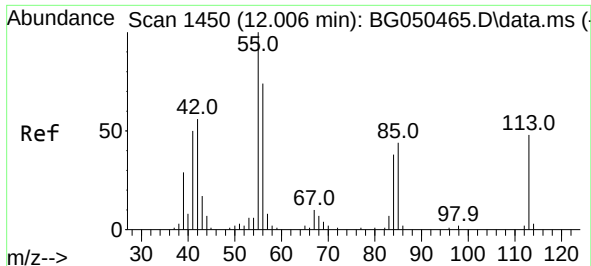
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 84319 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.6  | 26.7  | 40.1  |
| 65       | 38.5  | 32.8  | 49.2  |
| 92       | 23.6  | 16.2  | 24.4  |



#34  
Hexachlorobutadiene  
Concen: 39.112 ng  
RT: 11.396 min Scan# 1346  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 67048 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 59.3  | 49.8  | 74.8  |
| 227      | 61.9  | 46.4  | 69.6  |

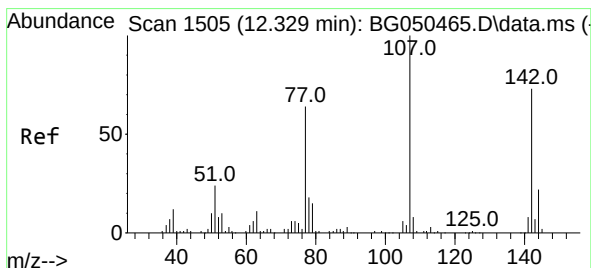
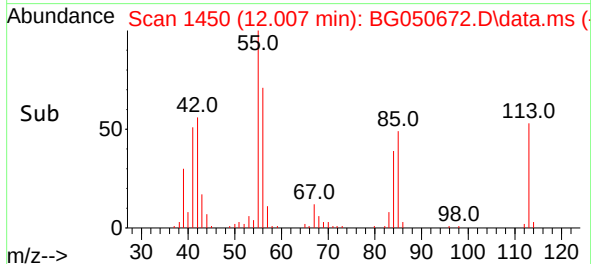
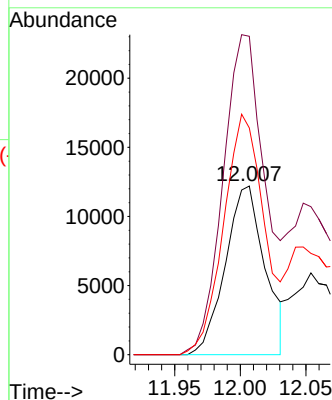
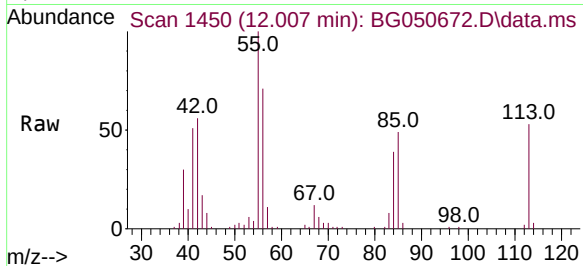




#35  
Caprolactam  
Concen: 27.765 ng  
RT: 12.007 min Scan# 1450  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

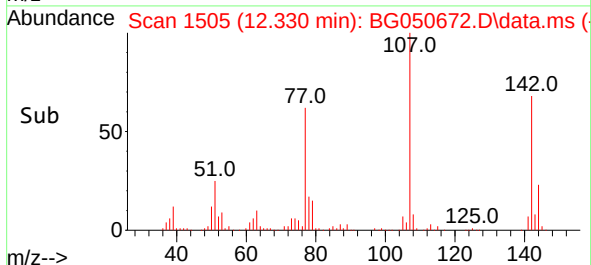
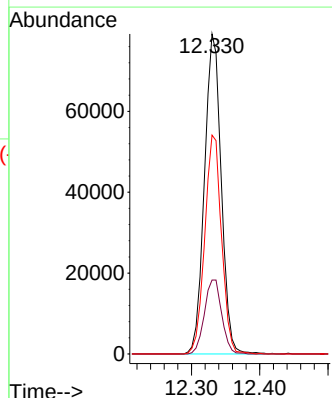
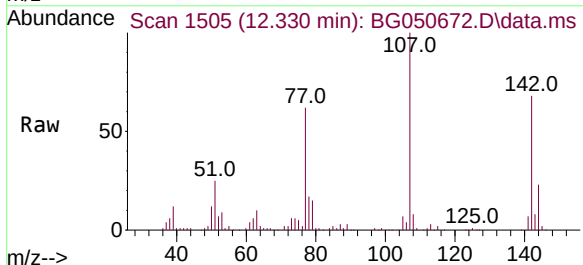
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

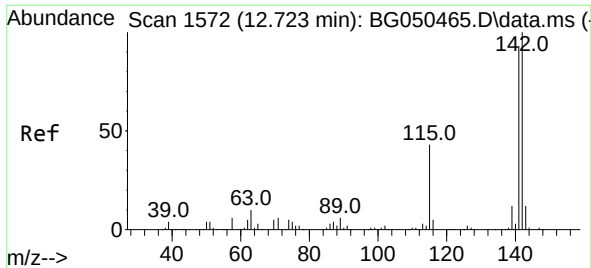
Tgt Ion:113 Resp: 25543  
Ion Ratio Lower Upper  
113 100  
55 188.8 113.8 153.8#  
56 134.4 105.6 145.6



#36  
4-Chloro-3-methylphenol  
Concen: 45.024 ng  
RT: 12.330 min Scan# 1505  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:107 Resp: 135277  
Ion Ratio Lower Upper  
107 100  
144 23.1 24.8 37.2#  
142 68.4 62.2 93.4

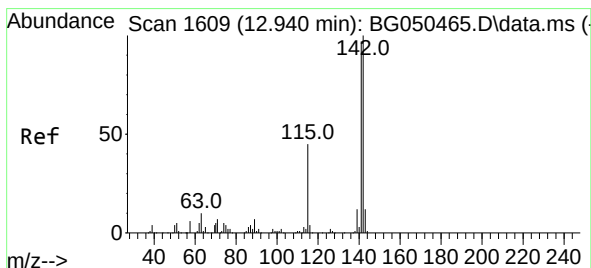
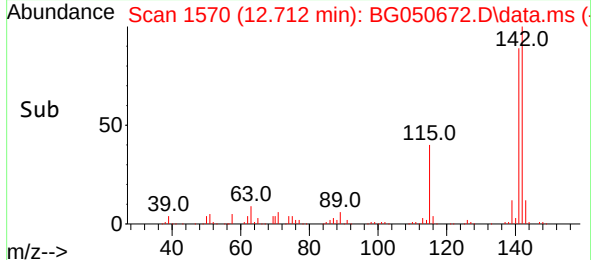
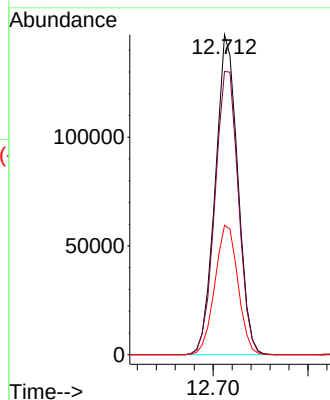
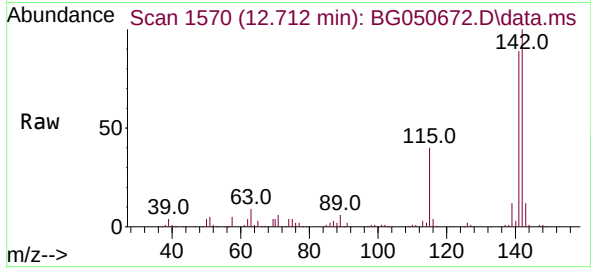




#37  
2-Methylnaphthalene  
Concen: 42.384 ng  
RT: 12.712 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

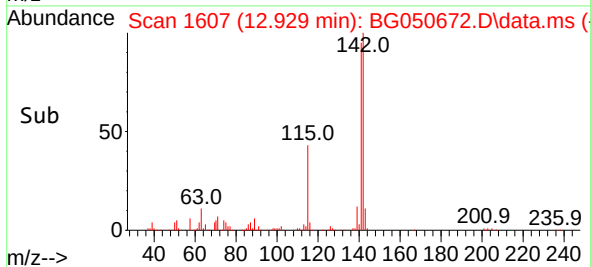
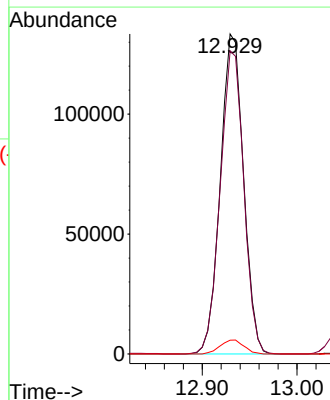
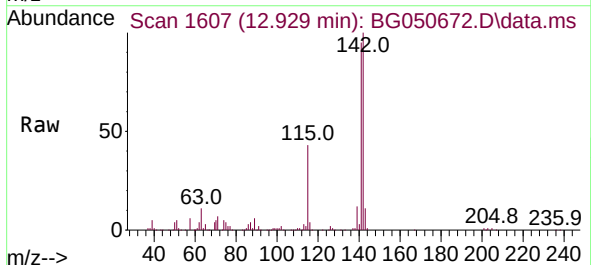
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

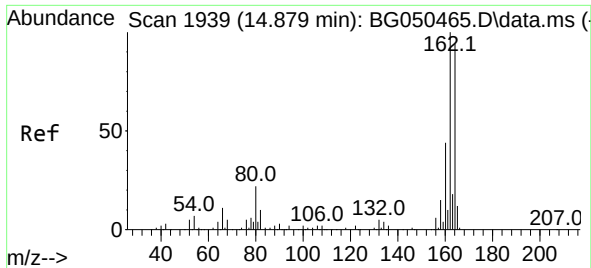
Tgt Ion:142 Resp: 242271  
Ion Ratio Lower Upper  
142 100  
141 88.5 68.8 103.2  
115 40.5 36.4 54.6



#38  
1-Methylnaphthalene  
Concen: 40.961 ng  
RT: 12.929 min Scan# 1607  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:142 Resp: 227043  
Ion Ratio Lower Upper  
142 100  
141 94.7 70.6 106.0  
116 4.3 4.0 6.0

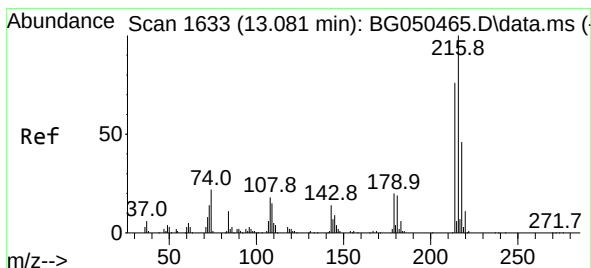
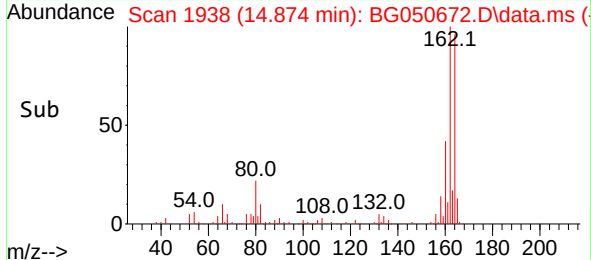
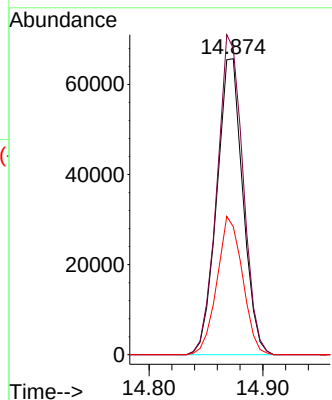
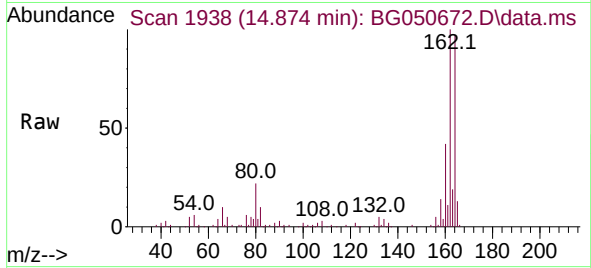




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.874 min Scan# 1938  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

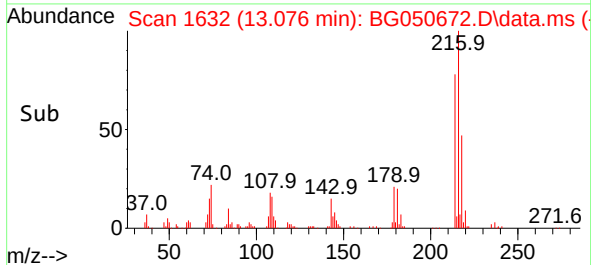
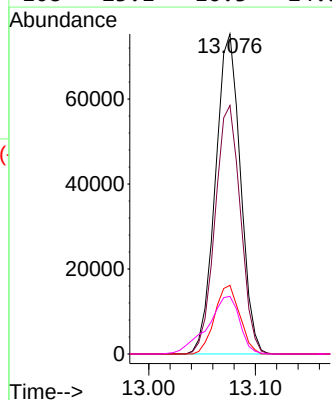
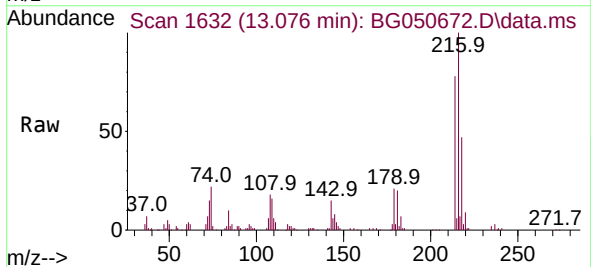
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

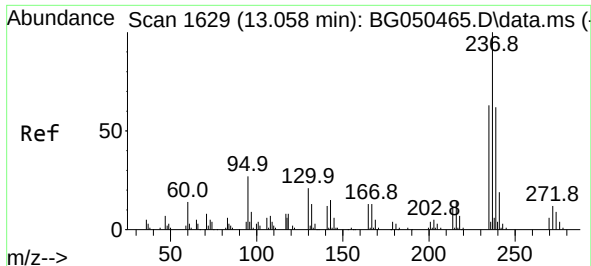
Tgt Ion:164 Resp: 104616  
Ion Ratio Lower Upper  
164 100  
162 103.4 81.4 122.0  
160 43.2 34.9 52.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.715 ng  
RT: 13.076 min Scan# 1632  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:216 Resp: 122693  
Ion Ratio Lower Upper  
216 100  
214 78.8 61.4 92.2  
179 21.5 17.3 25.9  
108 23.1 16.3 24.5

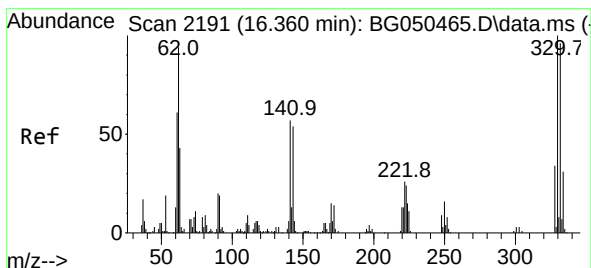
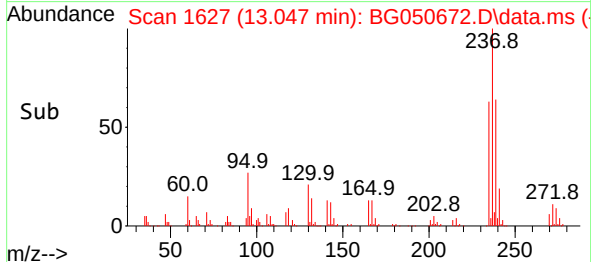
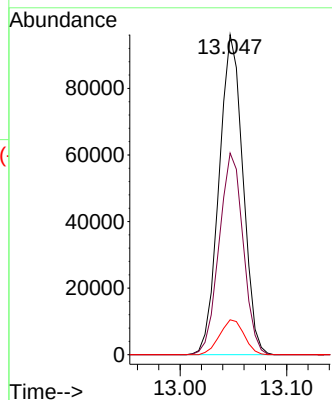
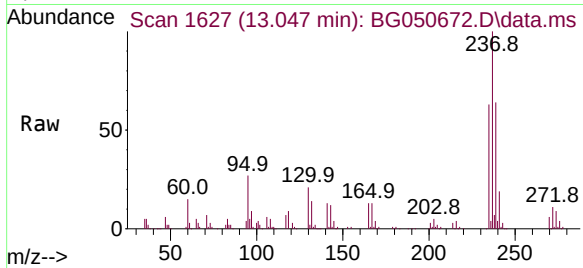




#41  
Hexachlorocyclopentadiene  
Concen: 83.477 ng  
RT: 13.047 min Scan# 1627  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

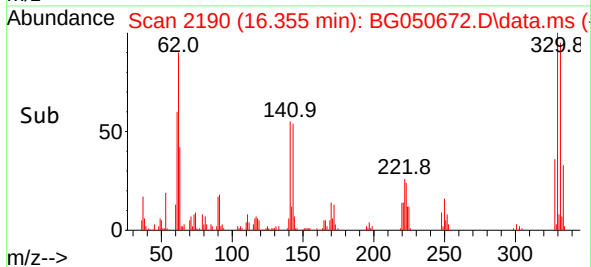
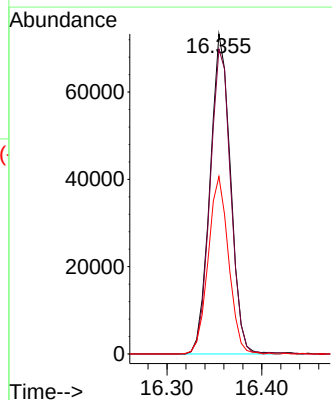
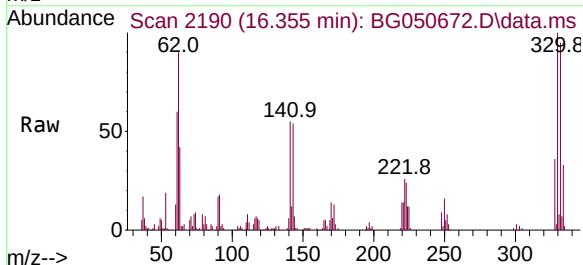
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

Tgt Ion:237 Resp: 149045  
Ion Ratio Lower Upper  
237 100  
235 63.0 36.6 76.6  
272 10.9 0.0 32.5

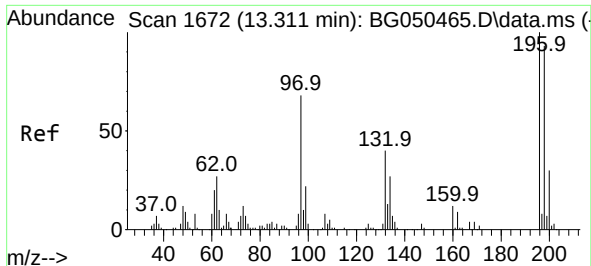


#42  
2,4,6-Tribromophenol  
Concen: 110.591 ng  
RT: 16.355 min Scan# 2190  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:330 Resp: 110354  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.3 115.9  
141 55.1 35.6 53.4#



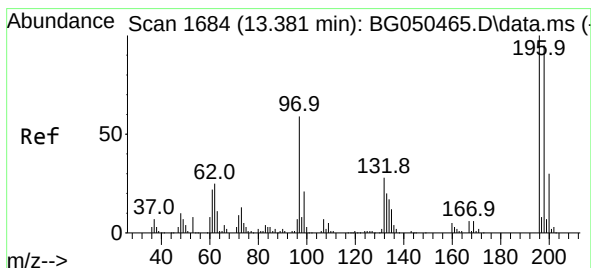
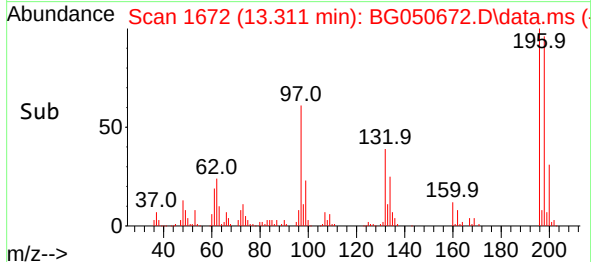
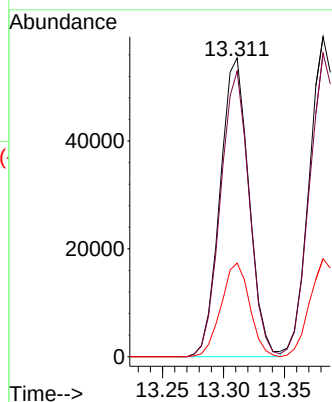
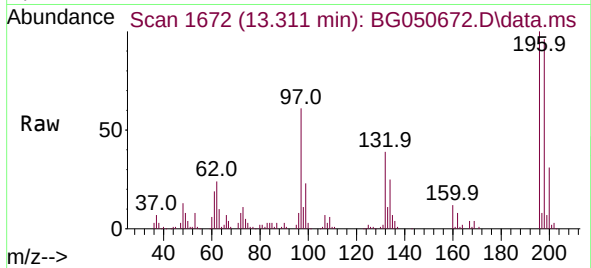




#43  
2,4,6-Trichlorophenol  
Concen: 42.037 ng  
RT: 13.311 min Scan# 1672  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

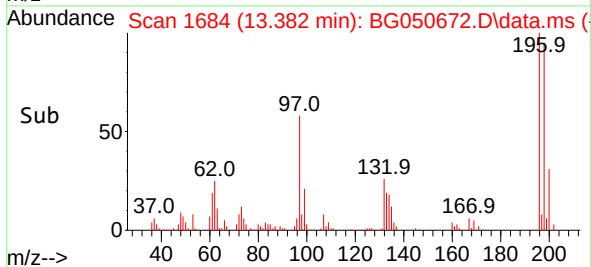
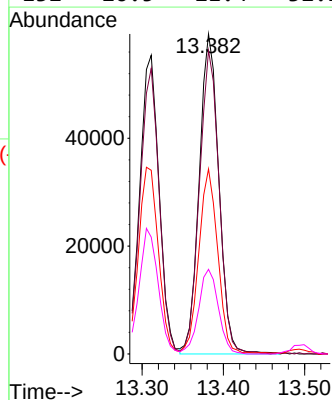
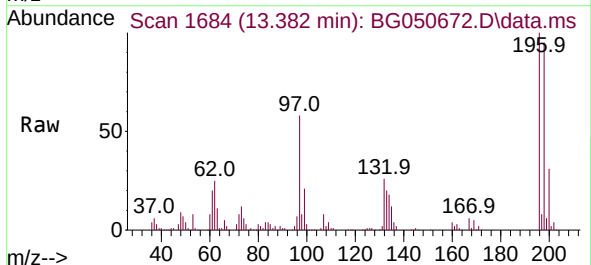
Instrument :  
BNA\_G  
ClientSampled :  
TH-CDMS

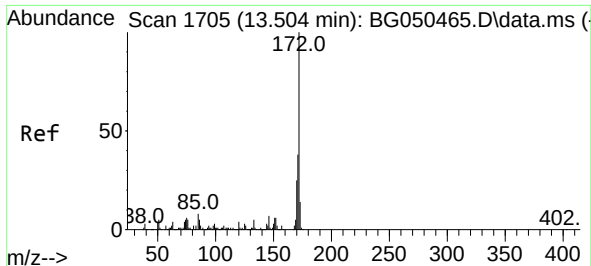
Tgt Ion:196 Resp: 91515  
Ion Ratio Lower Upper  
196 100  
198 95.6 82.1 123.1  
200 31.3 23.8 35.8



#44  
2,4,5-Trichlorophenol  
Concen: 43.761 ng  
RT: 13.382 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:196 Resp: 99601  
Ion Ratio Lower Upper  
196 100  
198 94.9 87.4 131.0  
97 57.8 43.3 64.9  
132 26.5 21.4 32.2

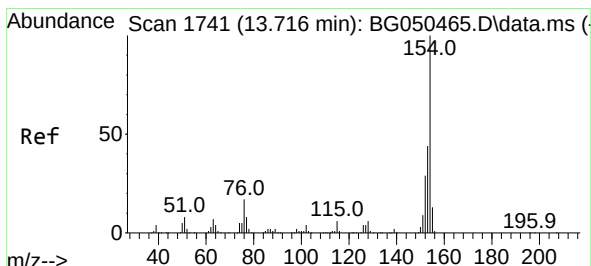
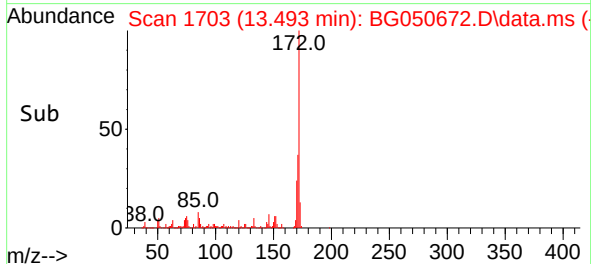
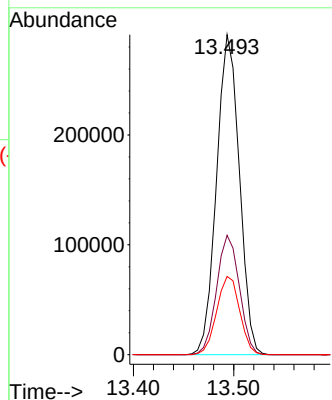
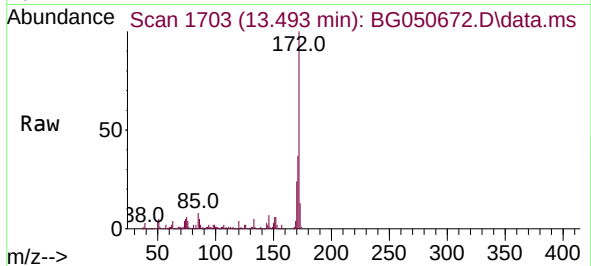




#45  
2-Fluorobiphenyl  
Concen: 66.049 ng  
RT: 13.493 min Scan# 1703  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

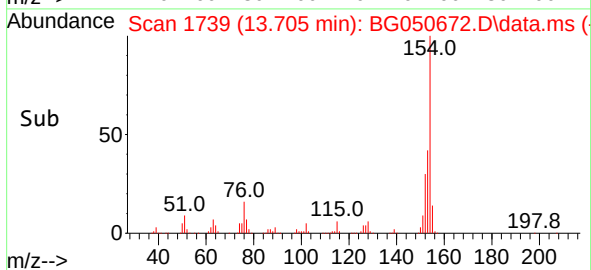
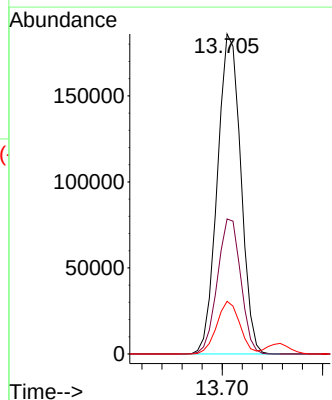
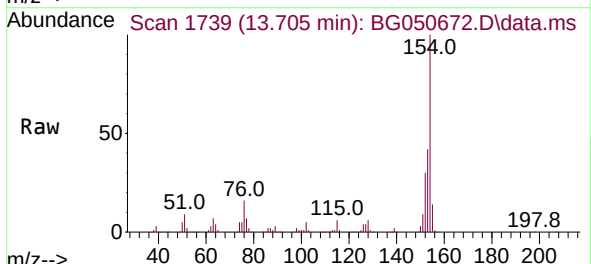
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

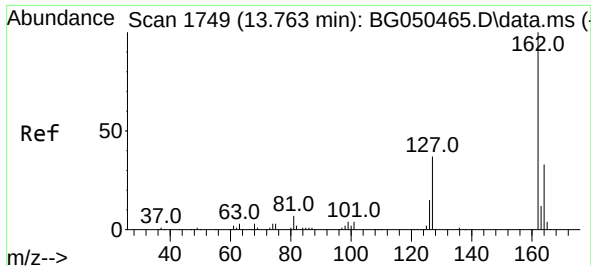
Tgt Ion:172 Resp: 459110  
Ion Ratio Lower Upper  
172 100  
171 37.3 28.6 43.0  
170 24.4 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 39.393 ng  
RT: 13.705 min Scan# 1739  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:154 Resp: 300594  
Ion Ratio Lower Upper  
154 100  
153 42.2 20.5 60.5  
76 16.5 0.0 29.3

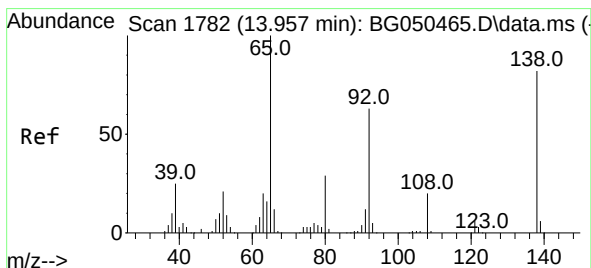
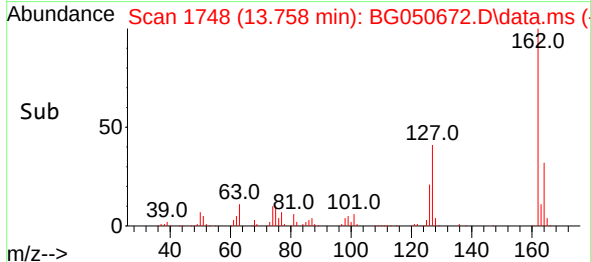
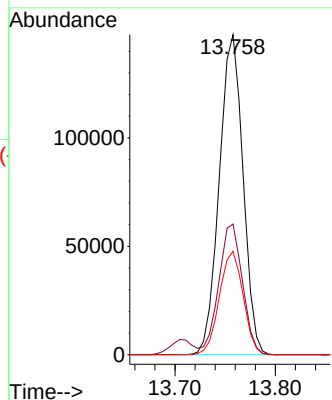
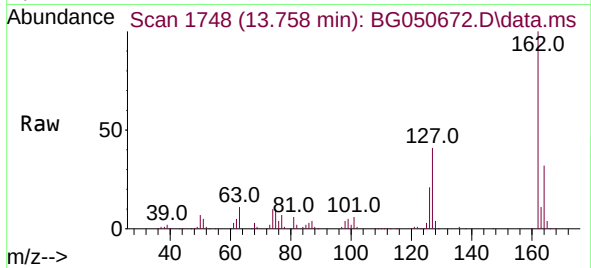




#47  
2-Chloronaphthalene  
Concen: 41.303 ng  
RT: 13.758 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

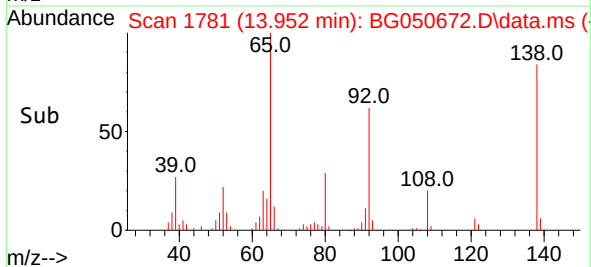
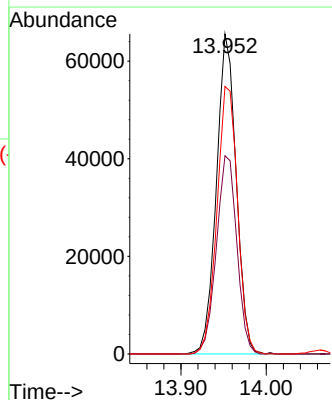
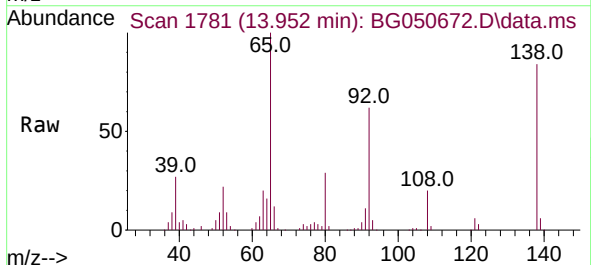
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

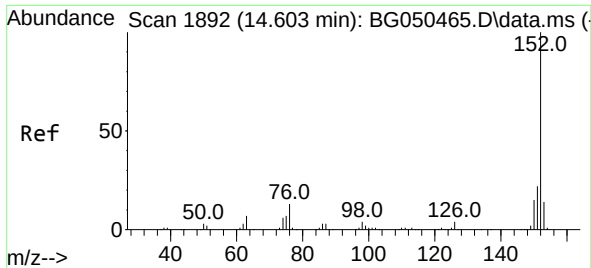
Tgt Ion:162 Resp: 242008  
Ion Ratio Lower Upper  
162 100  
127 40.9 32.7 49.1  
164 32.3 27.0 40.4



#48  
2-Nitroaniline  
Concen: 45.311 ng  
RT: 13.952 min Scan# 1781  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion: 65 Resp: 105611  
Ion Ratio Lower Upper  
65 100  
92 61.9 47.2 70.8  
138 83.6 68.0 102.0

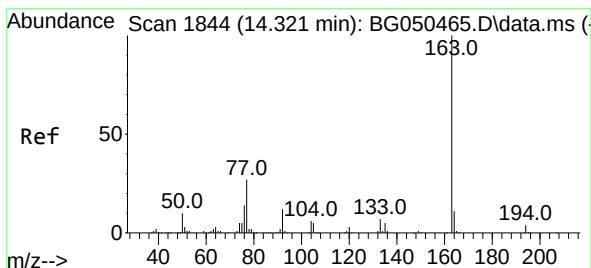
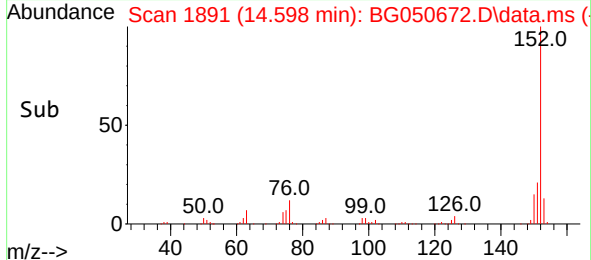
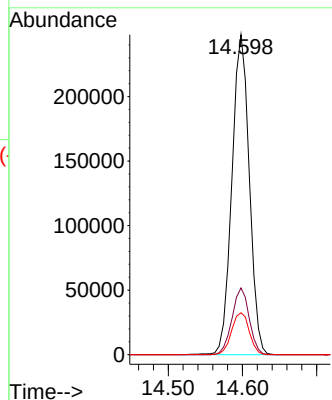
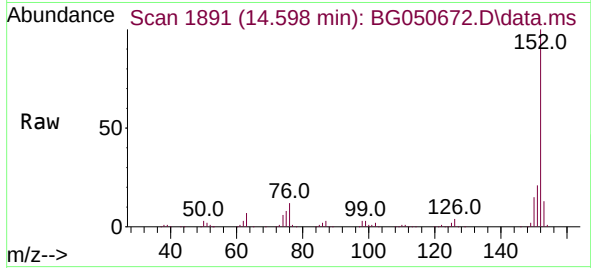




#49  
Acenaphthylene  
Concen: 42.020 ng  
RT: 14.598 min Scan# 1891  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

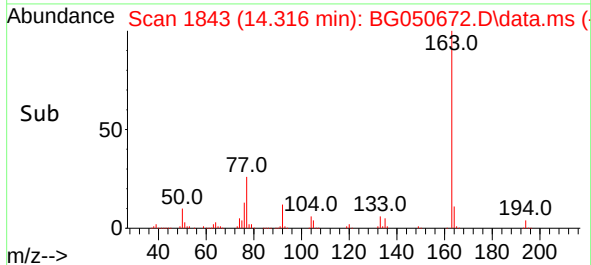
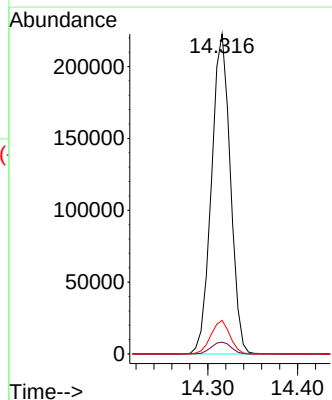
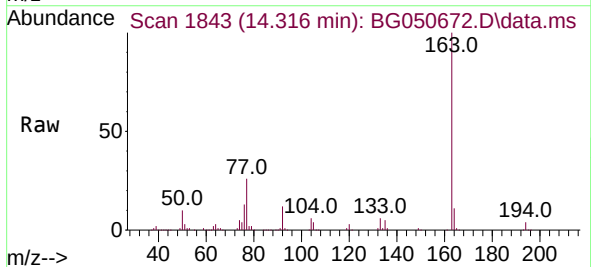
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

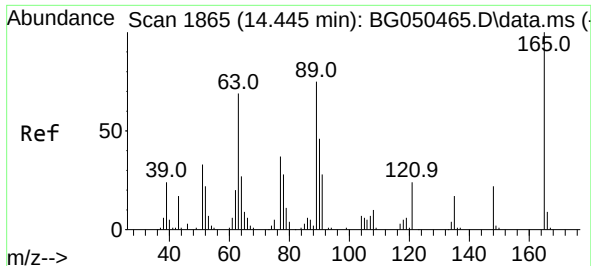
Tgt Ion:152 Resp: 403412  
Ion Ratio Lower Upper  
152 100  
151 20.9 18.2 27.4  
153 13.1 11.7 17.5



#50  
Dimethylphthalate  
Concen: 41.051 ng  
RT: 14.316 min Scan# 1843  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:163 Resp: 324615  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.0 4.6  
164 10.5 8.6 12.8

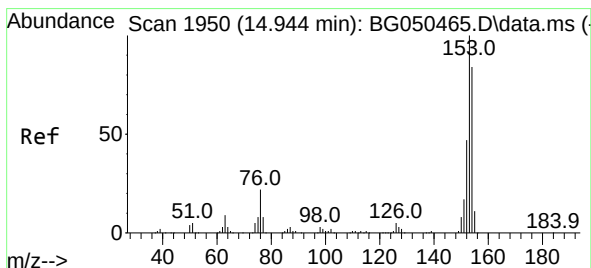
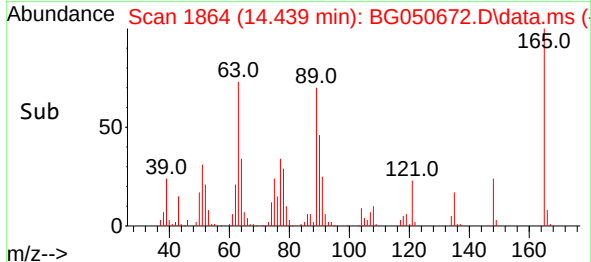
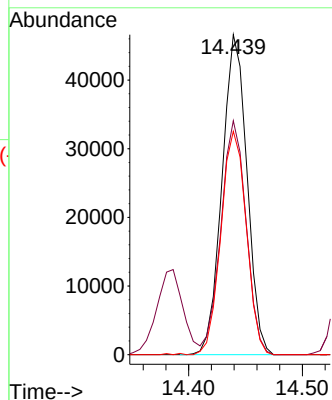
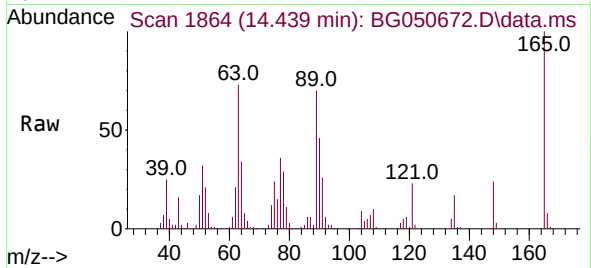




#51  
2,6-Dinitrotoluene  
Concen: 44.838 ng  
RT: 14.439 min Scan# 1864  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

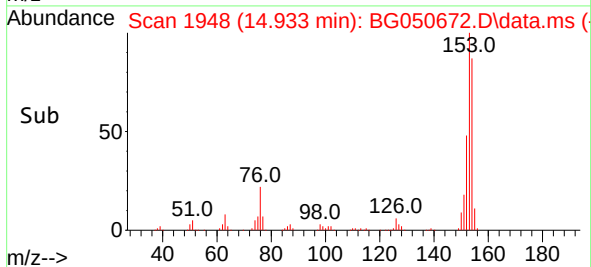
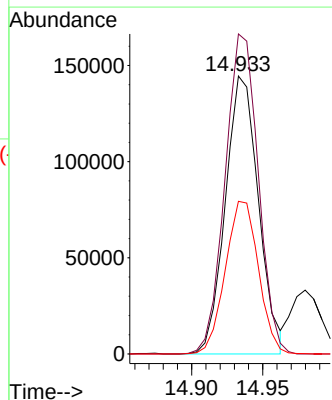
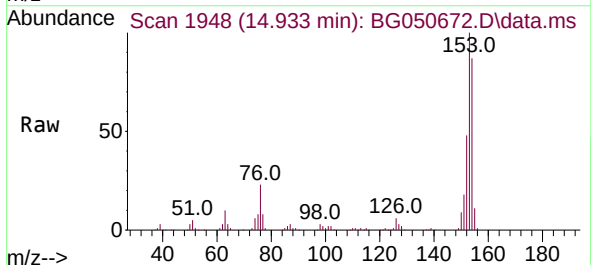
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

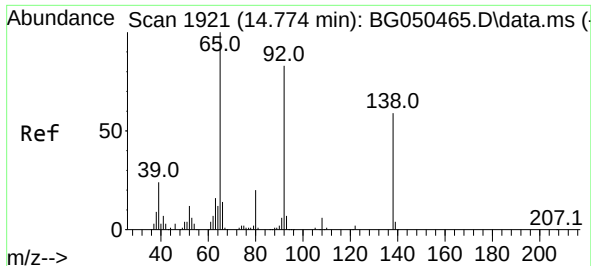
Tgt Ion:165 Resp: 71016  
Ion Ratio Lower Upper  
165 100  
63 73.1 63.3 94.9  
89 69.8 63.4 95.0



#52  
Acenaphthene  
Concen: 37.998 ng  
RT: 14.933 min Scan# 1948  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:154 Resp: 234418  
Ion Ratio Lower Upper  
154 100  
153 115.1 87.0 130.4  
152 54.9 40.1 60.1

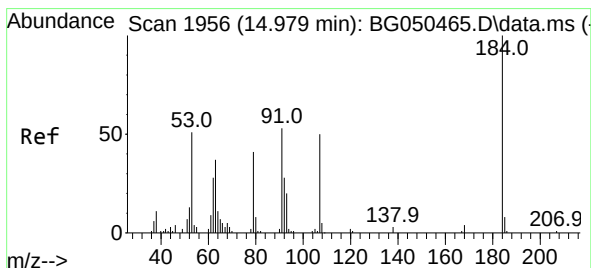
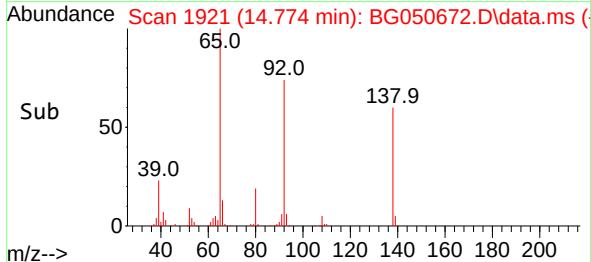
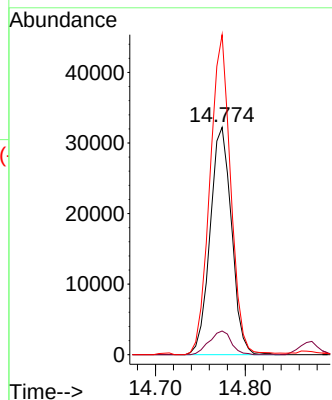
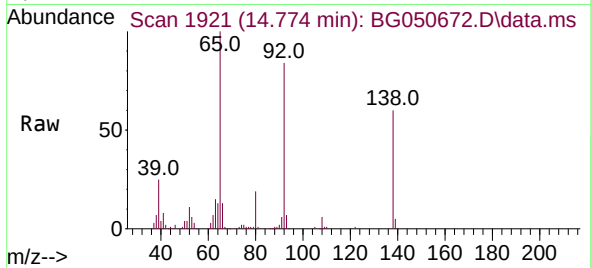




#53  
3-Nitroaniline  
Concen: 28.498 ng  
RT: 14.774 min Scan# 1921  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

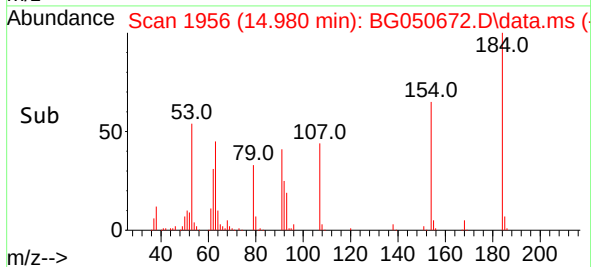
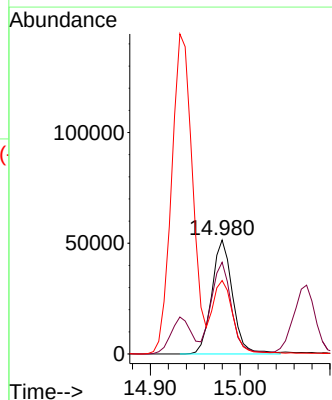
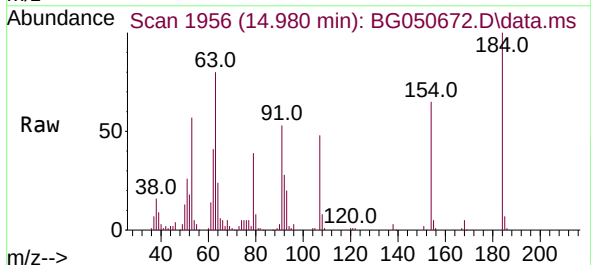
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

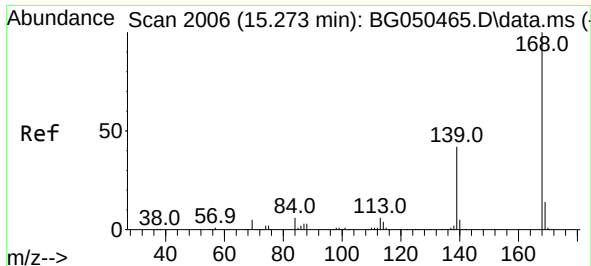
Tgt Ion:138 Resp: 53390  
Ion Ratio Lower Upper  
138 100  
108 10.4 8.3 12.5  
92 140.7 96.4 144.6



#54  
2,4-Dinitrophenol  
Concen: 84.220 ng  
RT: 14.980 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:184 Resp: 82752  
Ion Ratio Lower Upper  
184 100  
63 80.5 68.3 102.5  
154 64.5 62.6 93.8

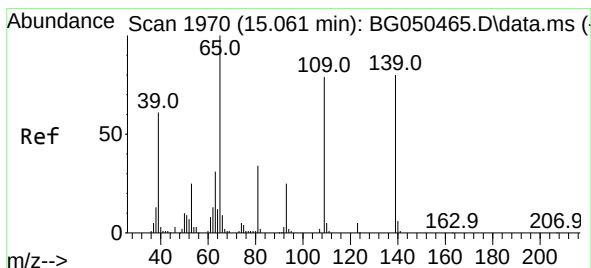
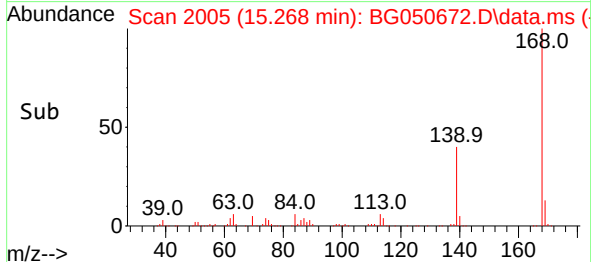
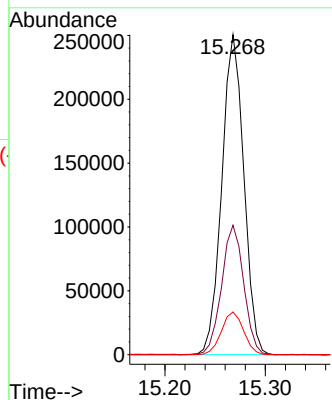
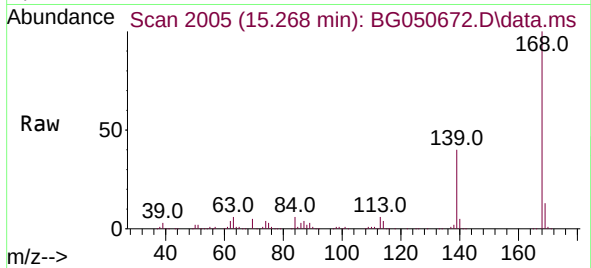




#55  
Dibenzofuran  
Concen: 39.936 ng  
RT: 15.268 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

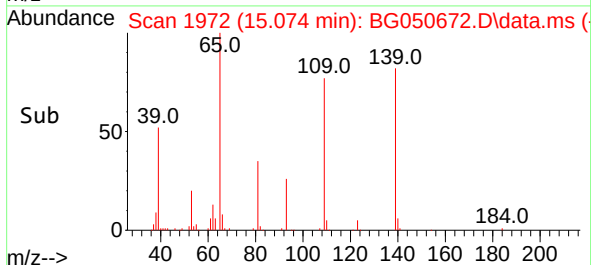
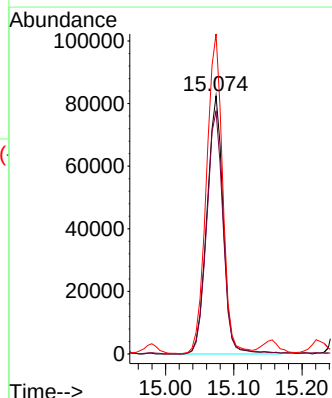
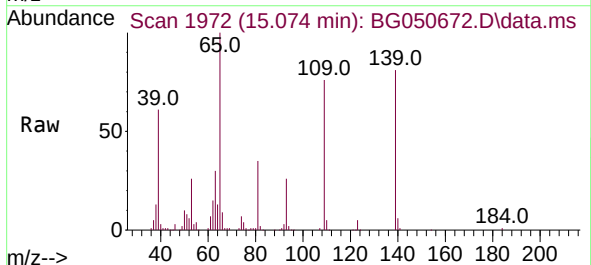
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

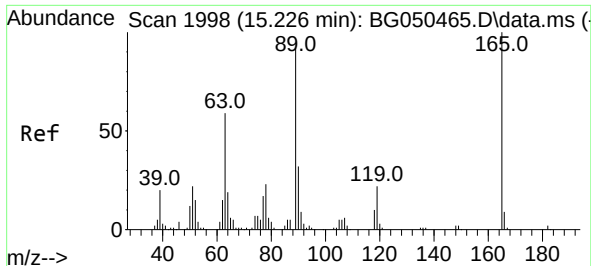
Tgt Ion:168 Resp: 381043  
Ion Ratio Lower Upper  
168 100  
139 40.4 33.4 50.2  
169 13.4 12.3 18.5



#56  
4-Nitrophenol  
Concen: 90.876 ng  
RT: 15.074 min Scan# 1972  
Delta R.T. 0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:139 Resp: 136952  
Ion Ratio Lower Upper  
139 100  
109 94.0 116.3 156.3#  
65 124.0 105.0 145.0

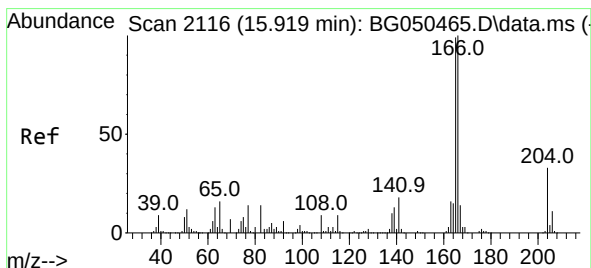
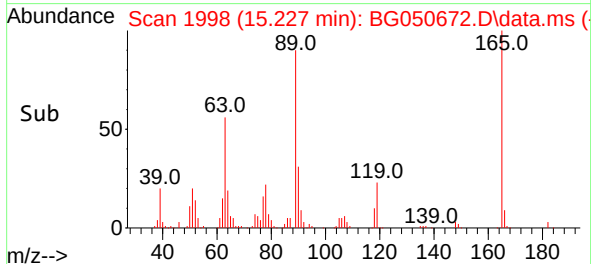
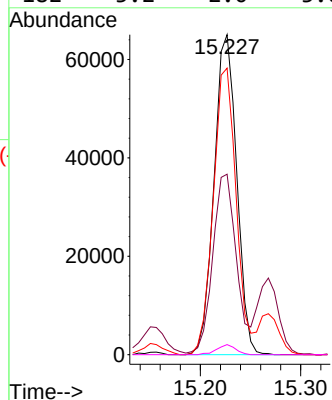
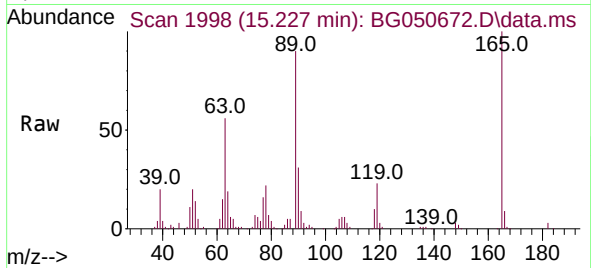




#57  
2,4-Dinitrotoluene  
Concen: 45.599 ng  
RT: 15.227 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

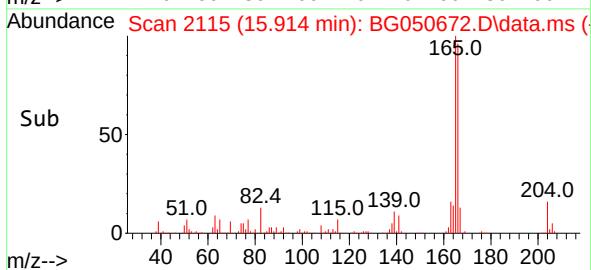
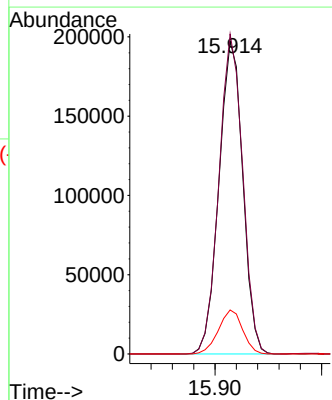
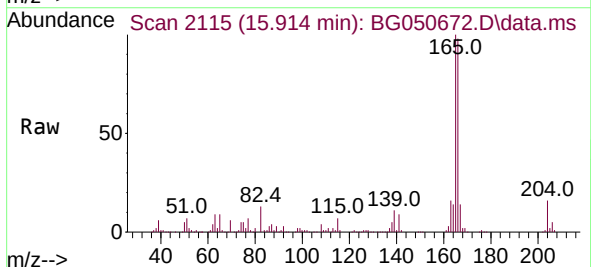
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

Tgt Ion:165 Resp: 101797  
Ion Ratio Lower Upper  
165 100  
63 56.4 48.0 72.0  
89 89.6 65.4 98.0  
182 3.2 2.0 3.0#

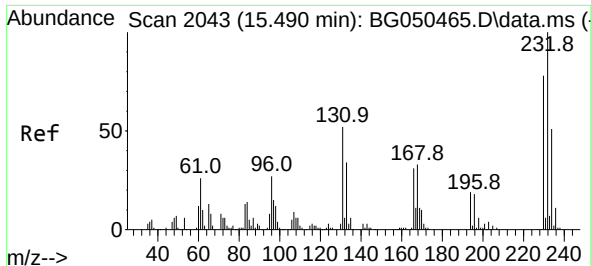


#58  
Fluorene  
Concen: 41.679 ng  
RT: 15.914 min Scan# 2115  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:166 Resp: 305458  
Ion Ratio Lower Upper  
166 100  
165 102.3 77.7 116.5  
167 14.1 10.8 16.2



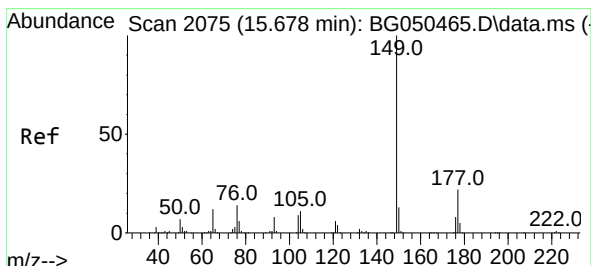
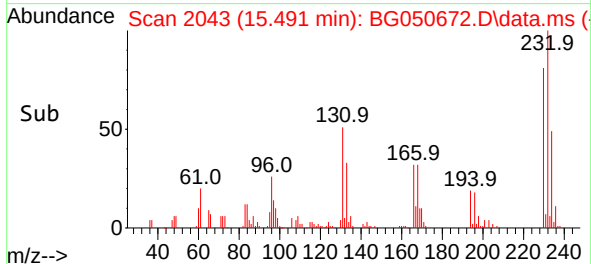
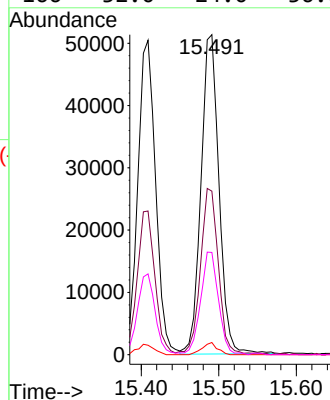
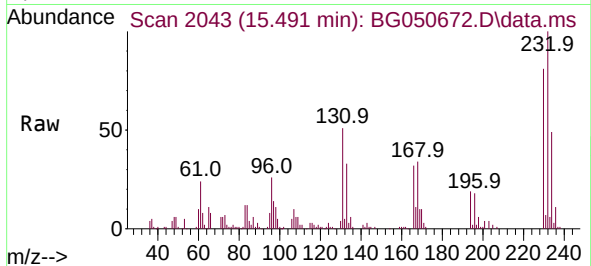




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.690 ng  
RT: 15.491 min Scan# 2043  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

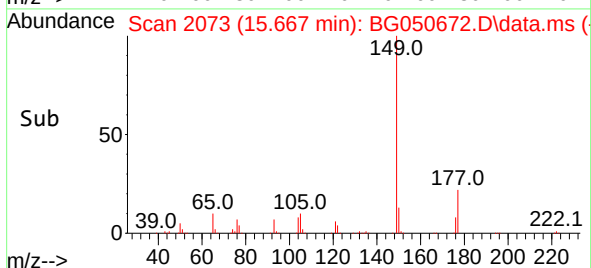
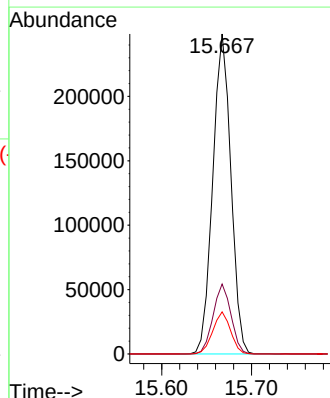
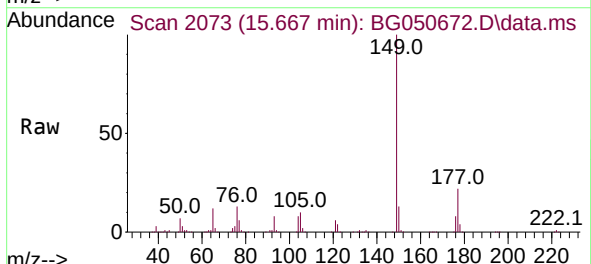
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

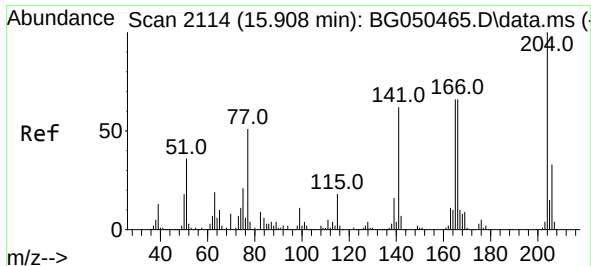
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 82655 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 52.2  | 37.2  | 55.8  |
| 130       | 3.2   | 2.8   | 4.2   |
| 166       | 32.0  | 24.0  | 36.0  |



#60  
Diethylphthalate  
Concen: 41.945 ng  
RT: 15.667 min Scan# 2073  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 348499 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.9  | 19.0  | 28.6   |
| 150       | 13.1  | 10.2  | 15.4   |

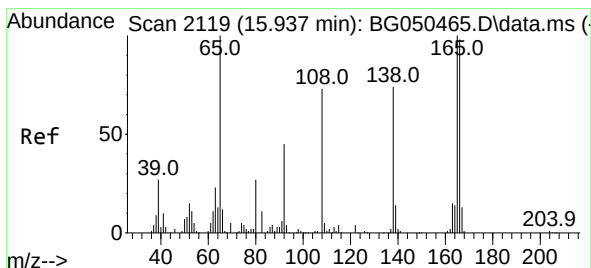
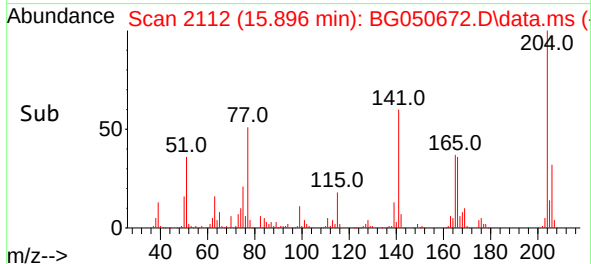
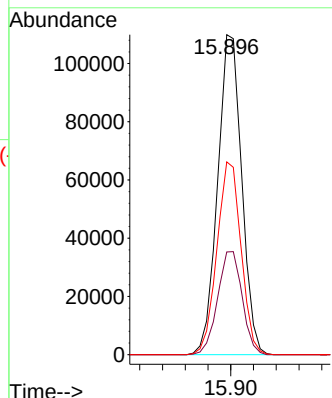
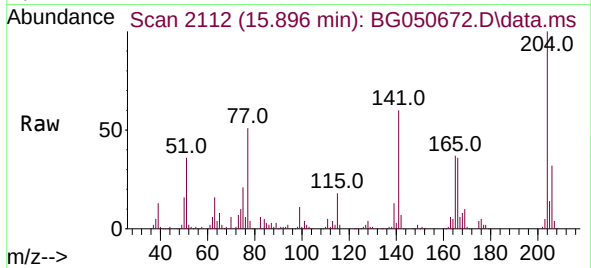




#61  
4-Chlorophenyl-phenylether  
Concen: 40.291 ng  
RT: 15.896 min Scan# 2112  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

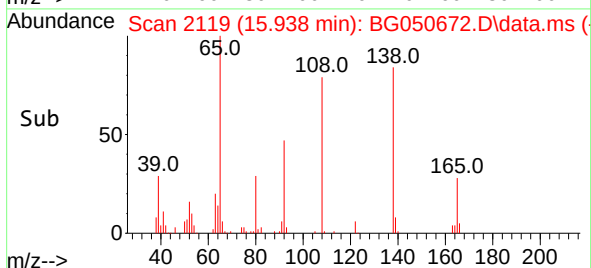
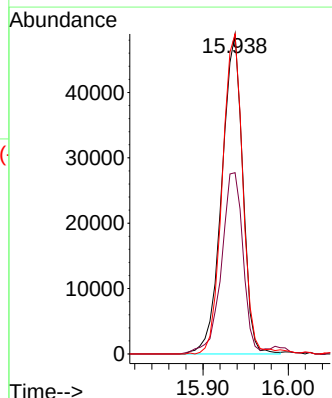
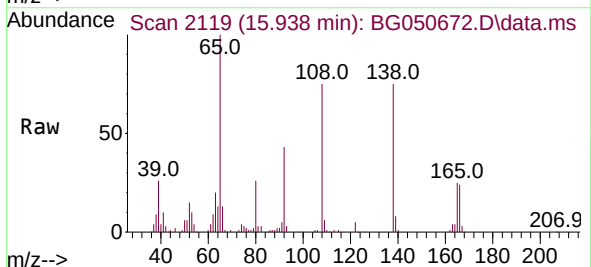
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

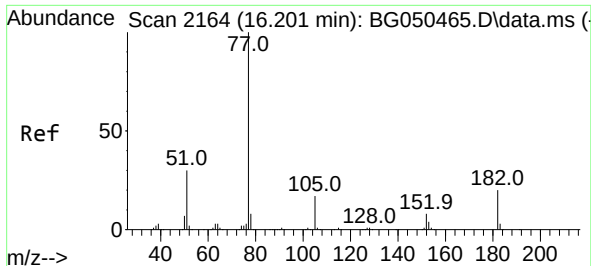
Tgt Ion:204 Resp: 161567  
Ion Ratio Lower Upper  
204 100  
206 32.1 24.6 37.0  
141 60.3 47.8 71.8



#62  
4-Nitroaniline  
Concen: 42.816 ng  
RT: 15.938 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:138 Resp: 83456  
Ion Ratio Lower Upper  
138 100  
92 56.6 32.3 72.3  
108 100.0 132.4 172.4#

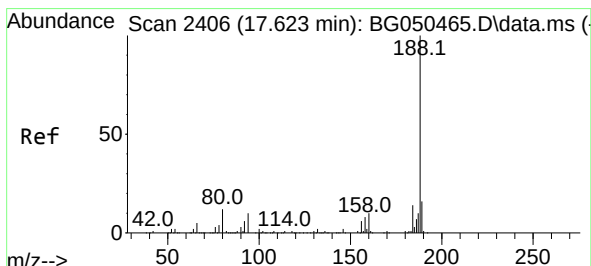
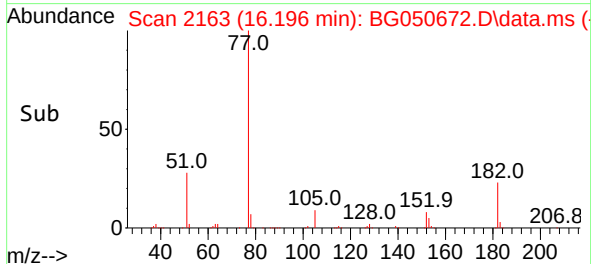
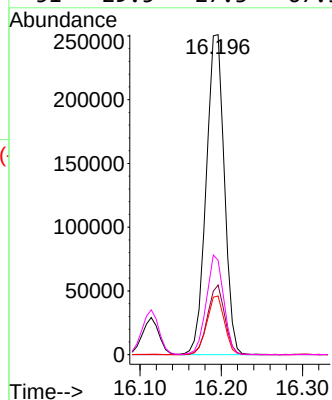
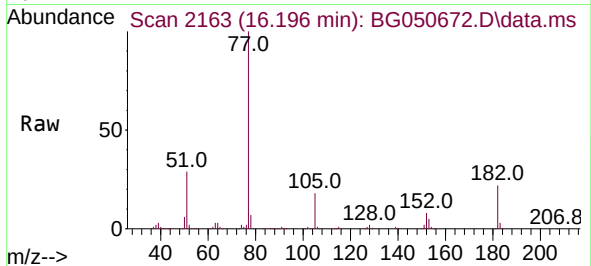




#63  
Azobenzene  
Concen: 40.425 ng  
RT: 16.196 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

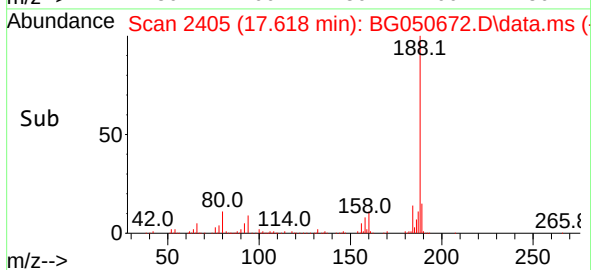
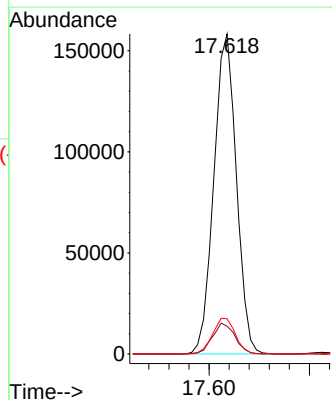
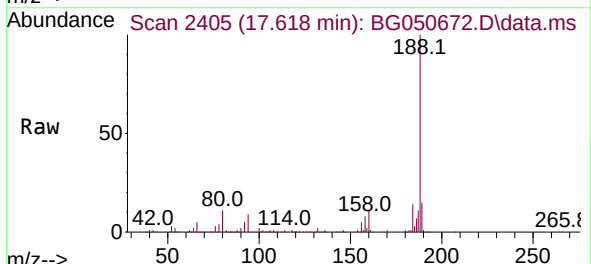
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

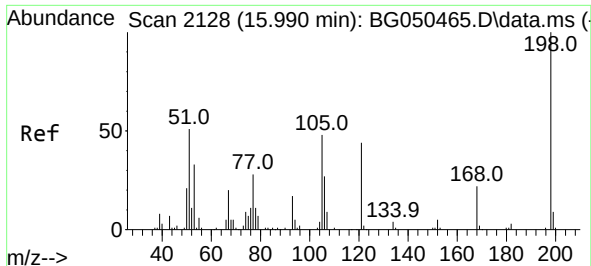
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 388797 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 21.8    | 7.9 47.9     |
| 105 18.4    | 0.0 37.9     |
| 51 29.5     | 27.3 67.3    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.618 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 245948 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 8.6       | 5.4 8.0#     |
| 80 11.0      | 3.7 5.5#     |

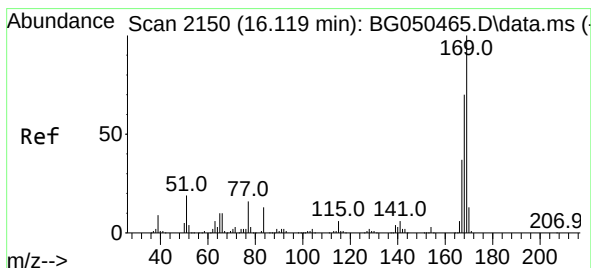
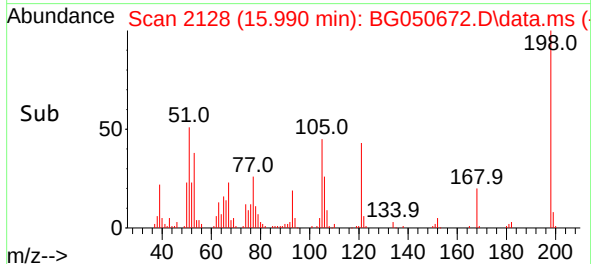
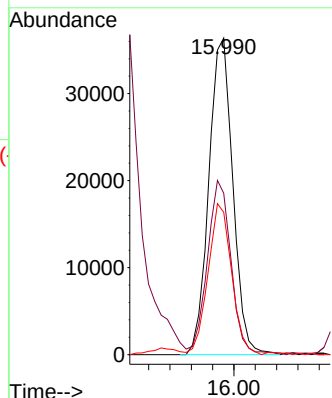
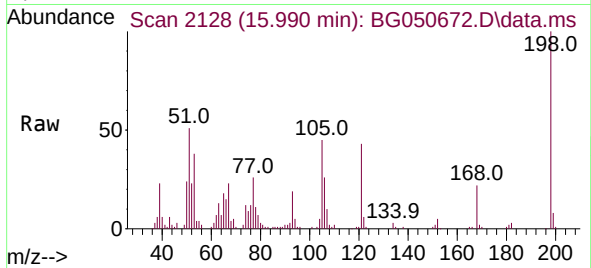




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.455 ng  
RT: 15.990 min Scan# 2128  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

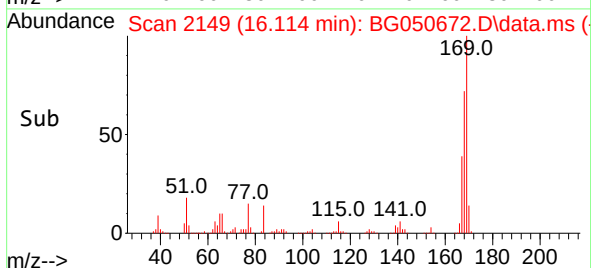
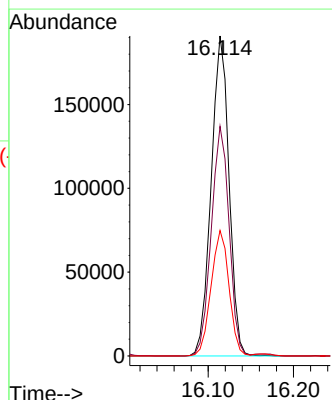
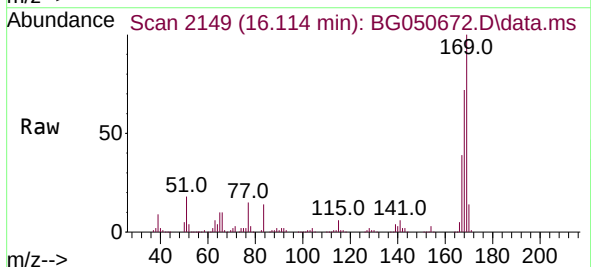
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

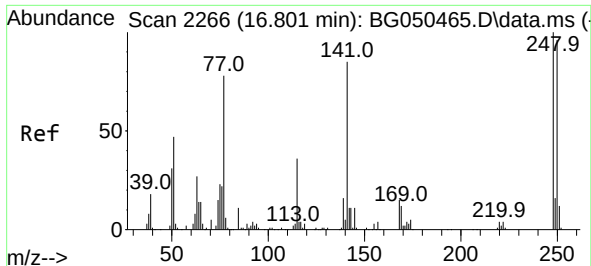
Tgt Ion:198 Resp: 56807  
Ion Ratio Lower Upper  
198 100  
51 51.0 29.4 69.4  
105 45.0 15.1 55.1



#66  
n-Nitrosodiphenylamine  
Concen: 39.690 ng  
RT: 16.114 min Scan# 2149  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:169 Resp: 277369  
Ion Ratio Lower Upper  
169 100  
168 71.7 56.3 84.5  
167 39.2 28.4 42.6

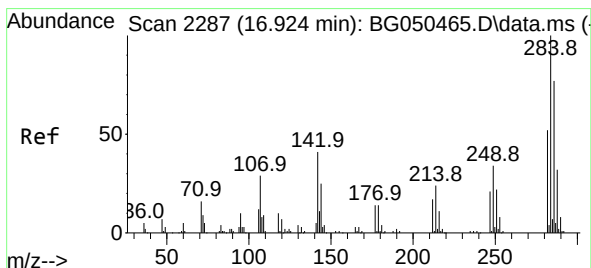
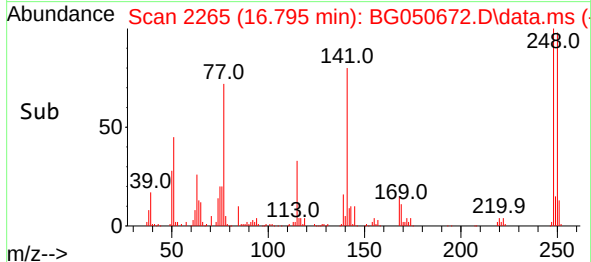
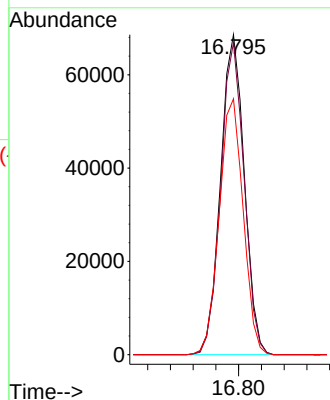
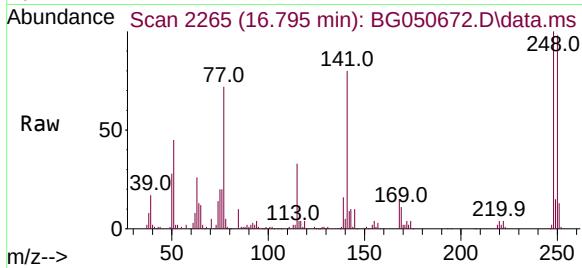




#67  
4-Bromophenyl-phenylether  
Concen: 40.099 ng  
RT: 16.795 min Scan# 2265  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

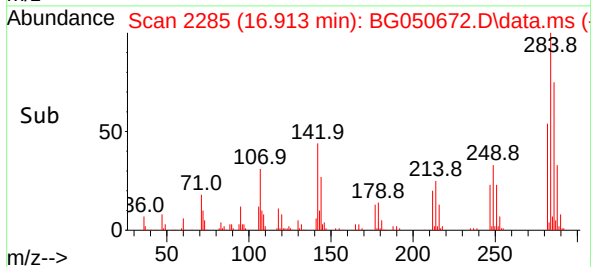
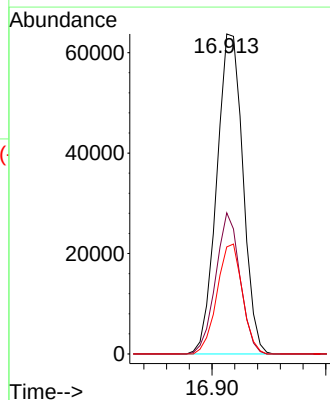
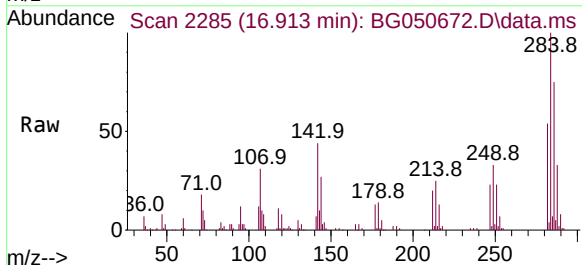
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

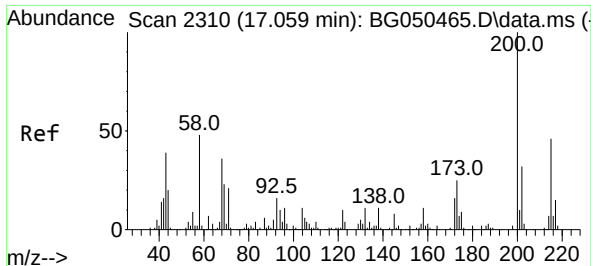
Tgt Ion:248 Resp: 99381  
Ion Ratio Lower Upper  
248 100  
250 97.6 76.1 114.1  
141 80.0 65.4 98.2



#68  
Hexachlorobenzene  
Concen: 41.394 ng  
RT: 16.913 min Scan# 2285  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:284 Resp: 101963  
Ion Ratio Lower Upper  
284 100  
142 44.1 27.0 40.6#  
249 33.5 28.2 42.2

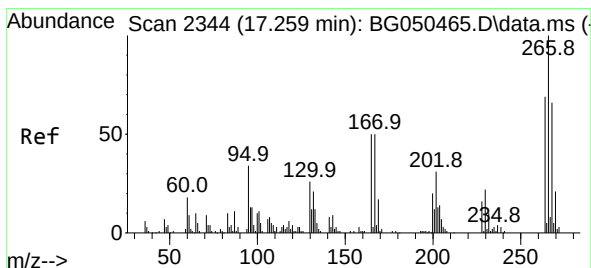
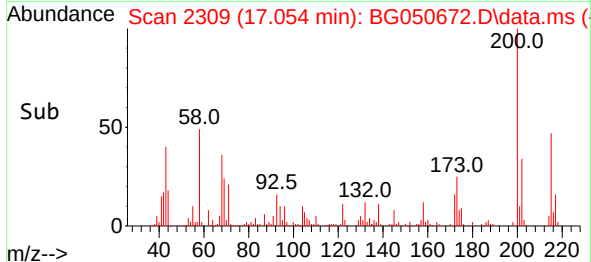
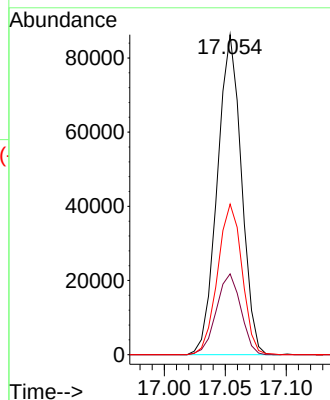
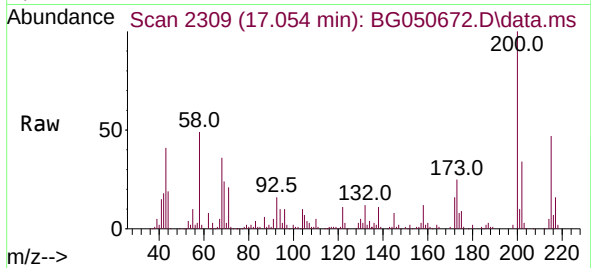




#69  
 Atrazine  
 Concen: 43.164 ng  
 RT: 17.054 min Scan# 2309  
 Delta R.T. -0.006 min  
 Lab File: BG050672.D  
 Acq: 21 Oct 2021 18:22

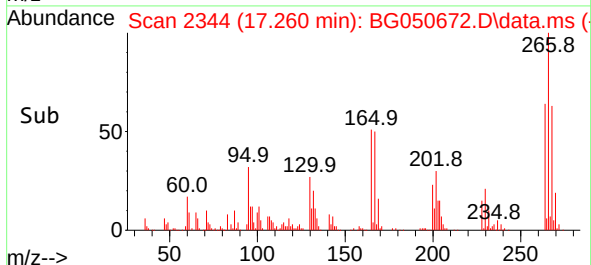
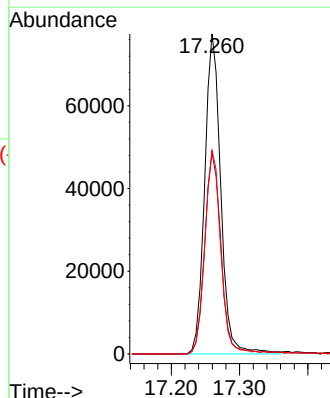
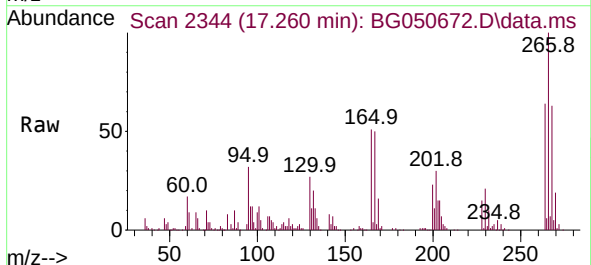
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TH-CDMS

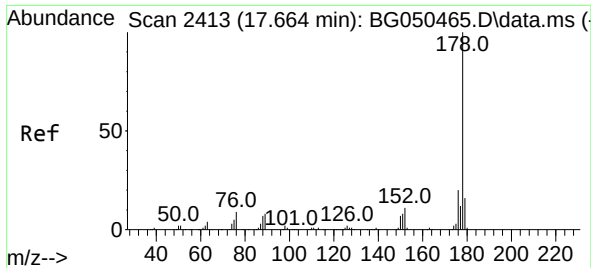
Tgt Ion:200 Resp: 118827  
 Ion Ratio Lower Upper  
 200 100  
 173 25.2 3.7 43.7  
 215 47.1 26.9 66.9



#70  
 Pentachlorophenol  
 Concen: 75.767 ng  
 RT: 17.260 min Scan# 2344  
 Delta R.T. -0.006 min  
 Lab File: BG050672.D  
 Acq: 21 Oct 2021 18:22

Tgt Ion:266 Resp: 127048  
 Ion Ratio Lower Upper  
 266 100  
 268 62.9 49.0 73.4  
 264 63.6 49.0 73.6

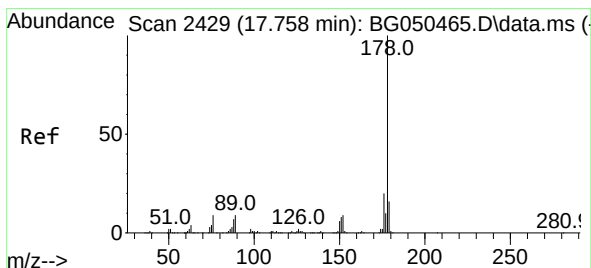
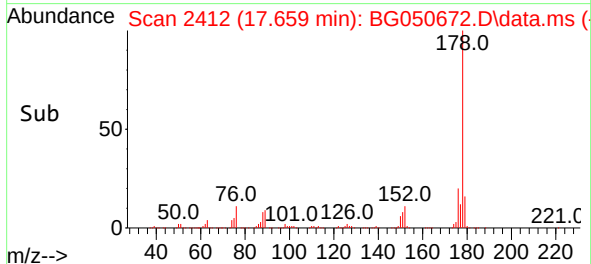
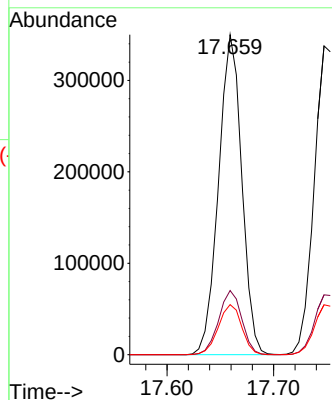
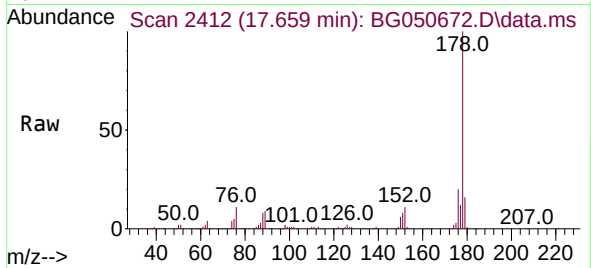




#71  
Phenanthrene  
Concen: 40.790 ng  
RT: 17.659 min Scan# 2412  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

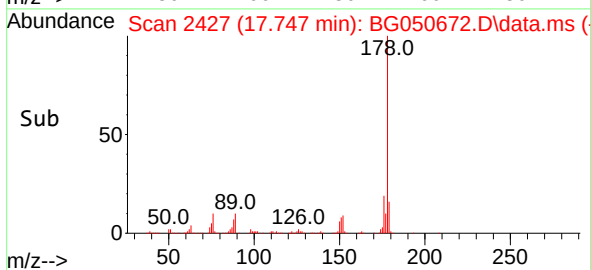
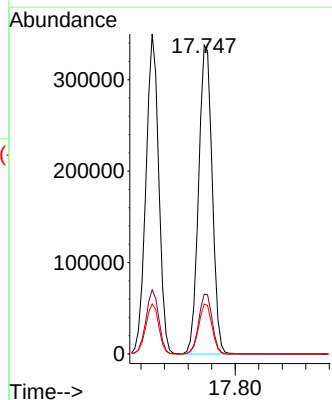
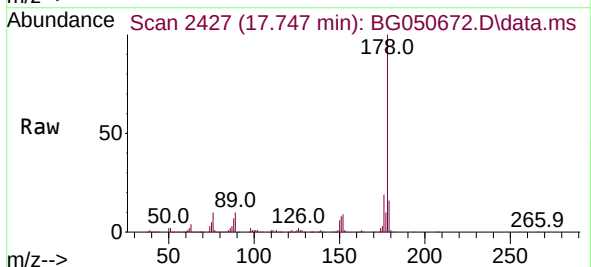
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

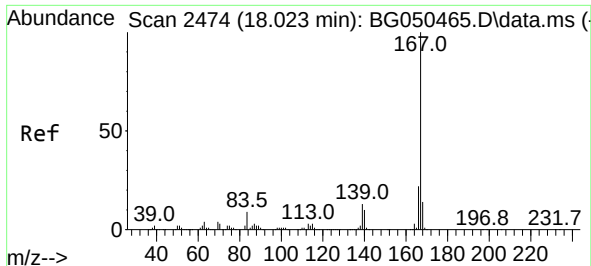
Tgt Ion:178 Resp: 528664  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.0 24.0  
179 15.7 14.2 21.4



#72  
Anthracene  
Concen: 41.950 ng  
RT: 17.747 min Scan# 2427  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

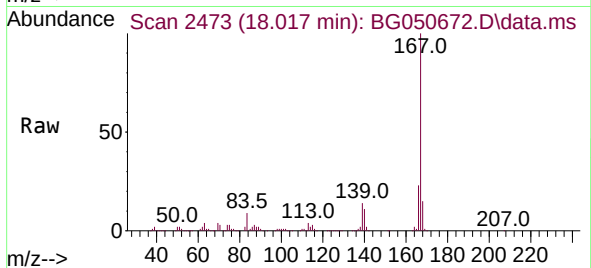
Tgt Ion:178 Resp: 540277  
Ion Ratio Lower Upper  
178 100  
176 19.4 14.6 21.8  
179 16.1 13.4 20.0



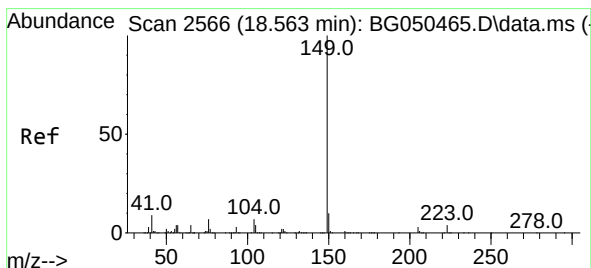
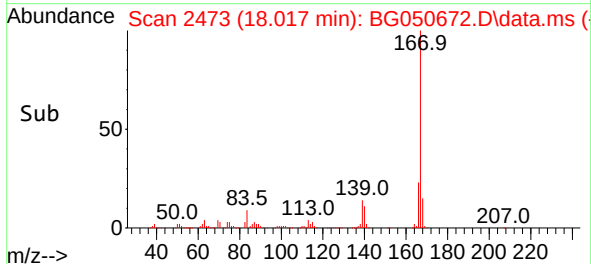
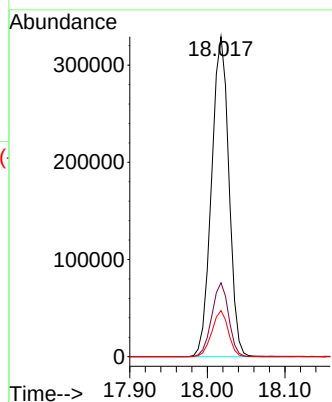


#73  
Carbazole  
Concen: 39.876 ng  
RT: 18.017 min Scan# 2473  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

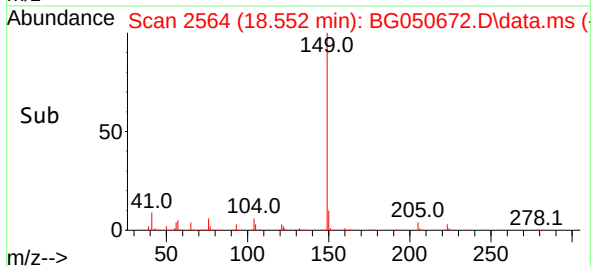
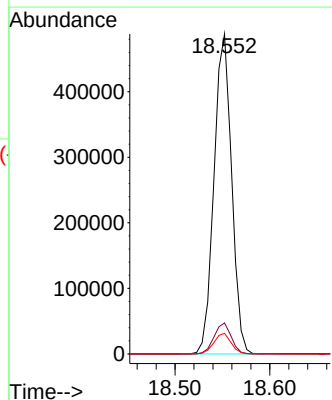
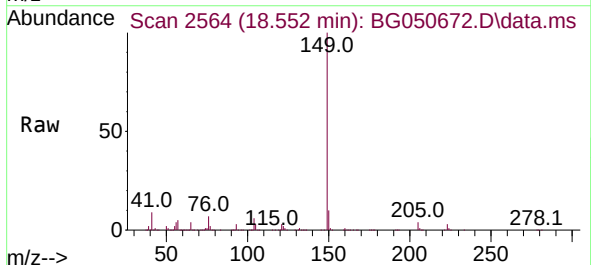


Tgt Ion:167 Resp: 511853  
Ion Ratio Lower Upper  
167 100  
166 23.1 17.4 26.2  
139 14.4 10.7 16.1

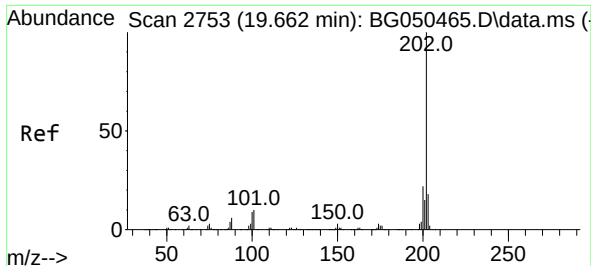


#74  
Di-n-butylphthalate  
Concen: 41.749 ng  
RT: 18.552 min Scan# 2564  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:149 Resp: 628885  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.5 11.3  
104 6.5 6.6 10.0#



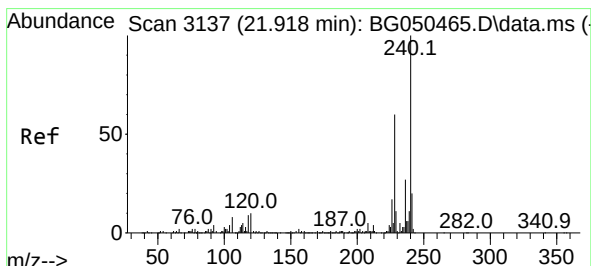
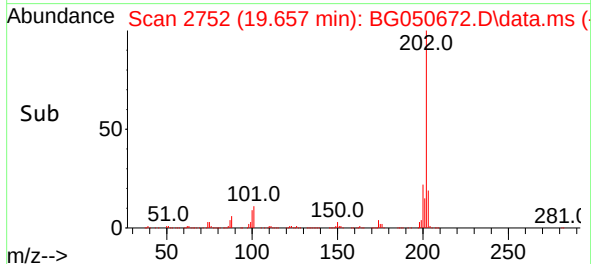
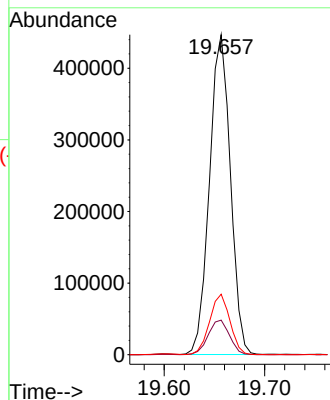
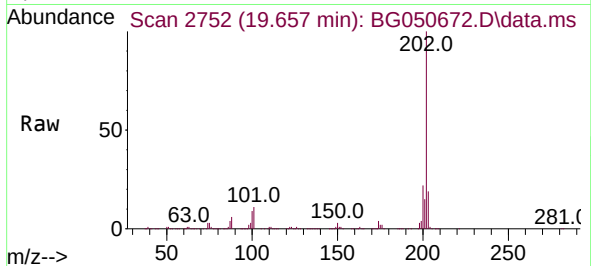




#75  
Fluoranthene  
Concen: 40.672 ng  
RT: 19.657 min Scan# 2752  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

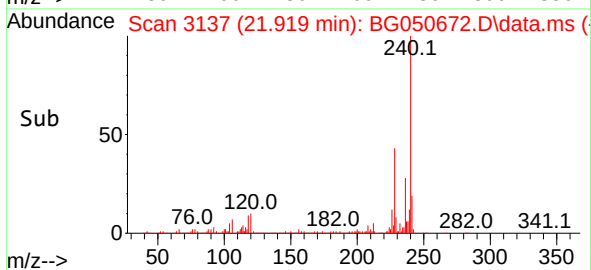
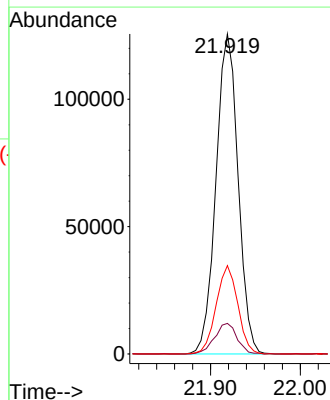
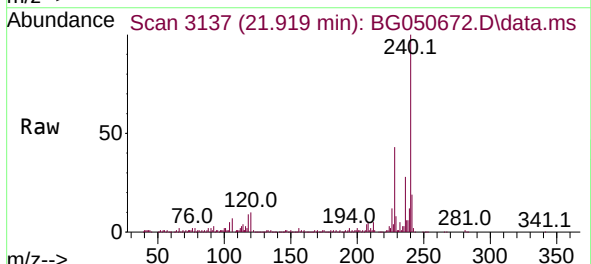
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

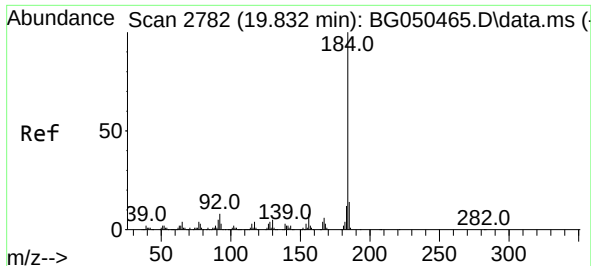
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.8  | 0.0   | 24.7  |
| 203     | 18.9  | 0.0   | 38.5  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.919 min Scan# 3137  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.5   | 4.2   | 6.2#  |
| 236     | 27.6  | 21.8  | 32.6  |

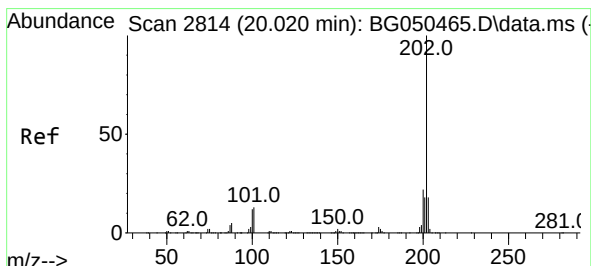
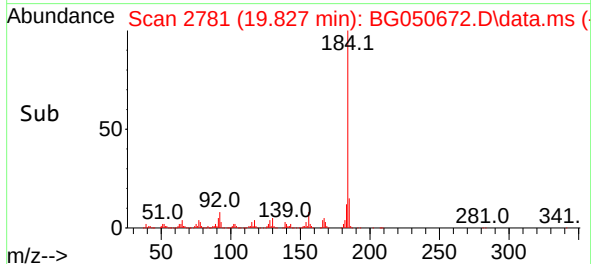
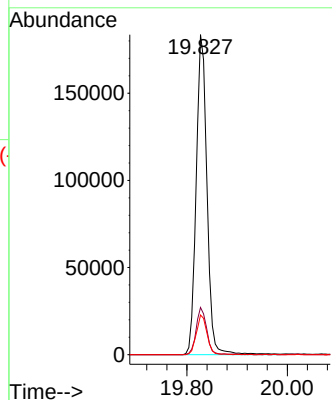
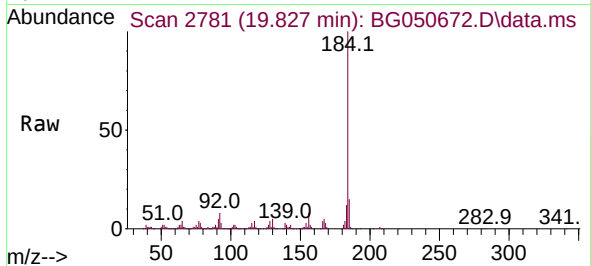




#77  
Benzidine  
Concen: 39.342 ng  
RT: 19.827 min Scan# 2781  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

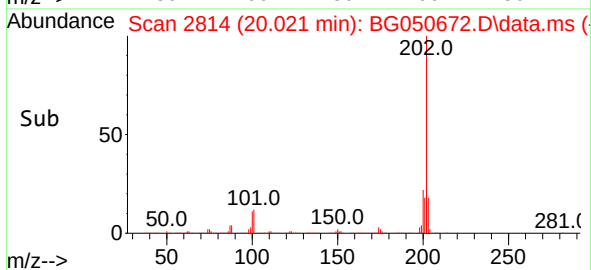
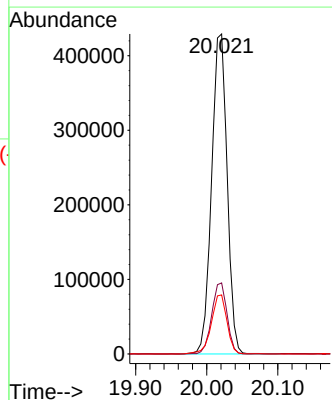
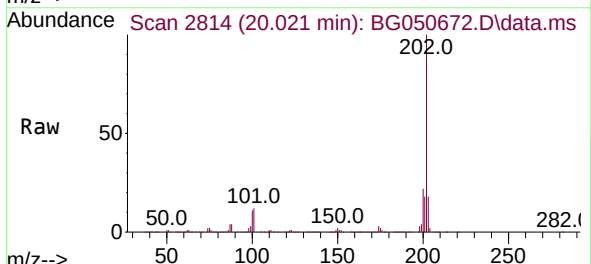
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

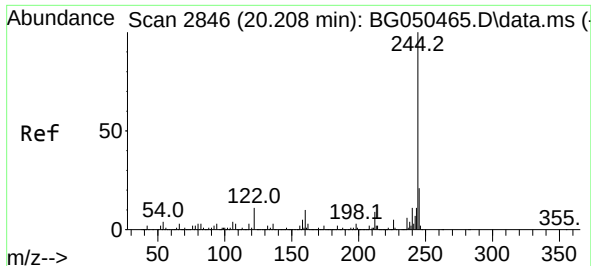
Tgt Ion:184 Resp: 273552  
Ion Ratio Lower Upper  
184 100  
185 14.8 10.7 16.1  
183 12.4 9.4 14.0



#78  
Pyrene  
Concen: 42.789 ng  
RT: 20.021 min Scan# 2814  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:202 Resp: 651297  
Ion Ratio Lower Upper  
202 100  
200 22.2 15.8 23.8  
203 18.5 14.6 21.8

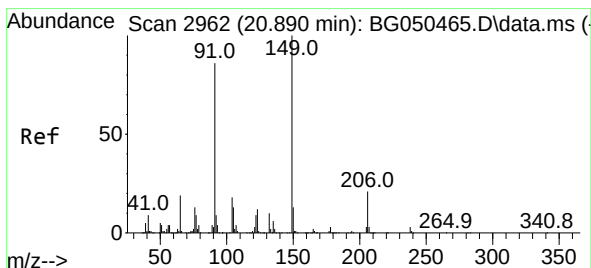
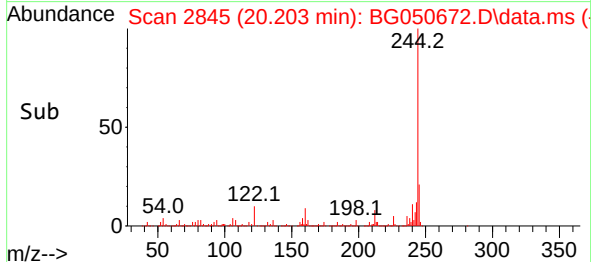
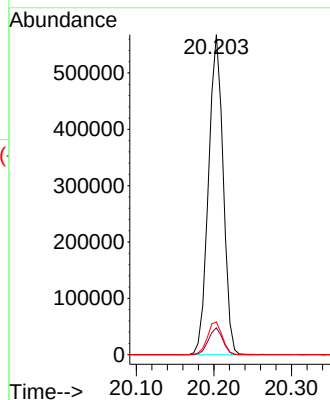
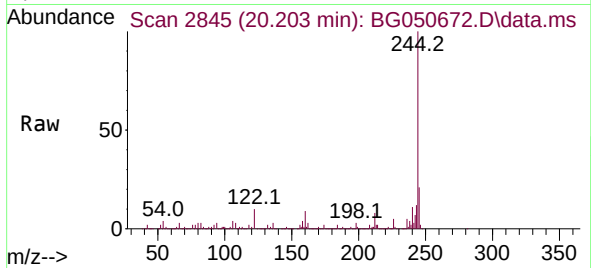




#79  
 Terphenyl-d14  
 Concen: 67.688 ng  
 RT: 20.203 min Scan# 2845  
 Delta R.T. -0.006 min  
 Lab File: BG050672.D  
 Acq: 21 Oct 2021 18:22

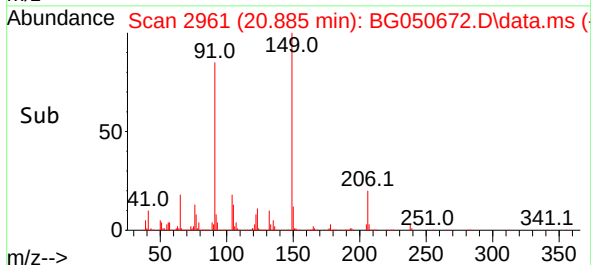
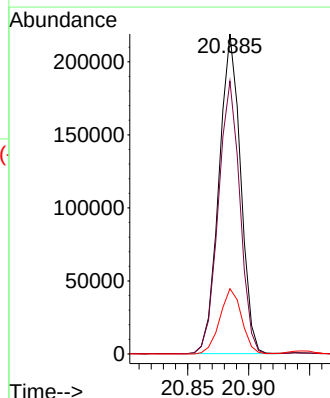
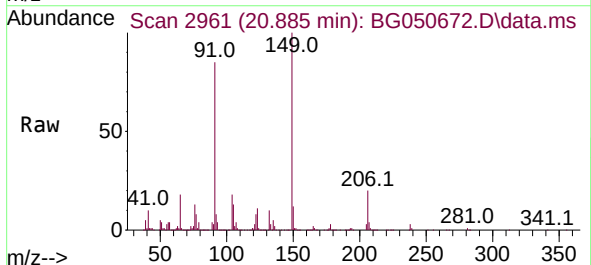
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TH-CDMS

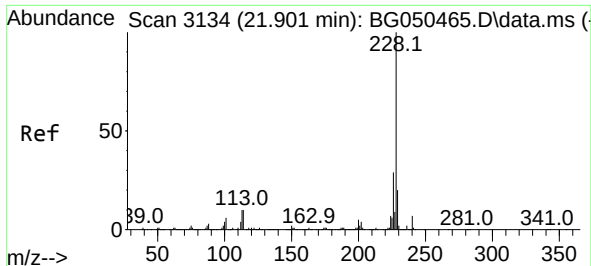
Tgt Ion:244 Resp: 745130  
 Ion Ratio Lower Upper  
 244 100  
 212 8.4 6.9 10.3  
 122 10.3 5.0 7.6#



#80  
 Butylbenzylphthalate  
 Concen: 42.014 ng  
 RT: 20.885 min Scan# 2961  
 Delta R.T. -0.006 min  
 Lab File: BG050672.D  
 Acq: 21 Oct 2021 18:22

Tgt Ion:149 Resp: 270497  
 Ion Ratio Lower Upper  
 149 100  
 91 85.3 63.4 95.2  
 206 20.4 18.4 27.6

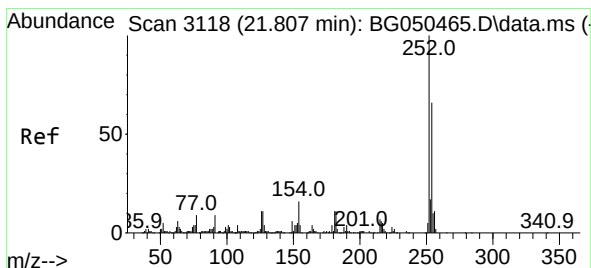
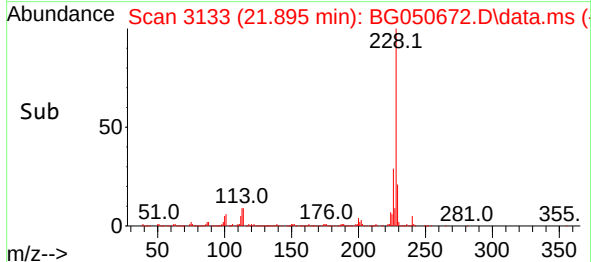
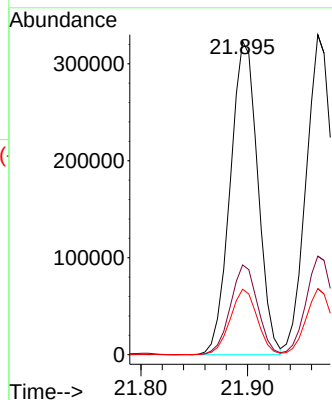
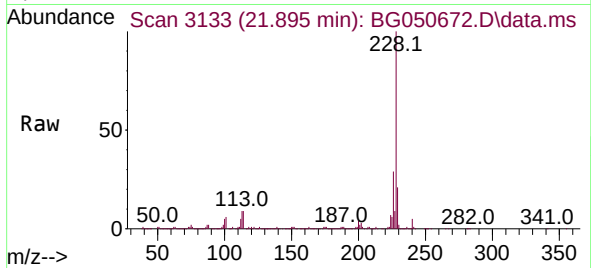




#81  
Benzo(a)anthracene  
Concen: 40.924 ng  
RT: 21.895 min Scan# 3133  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

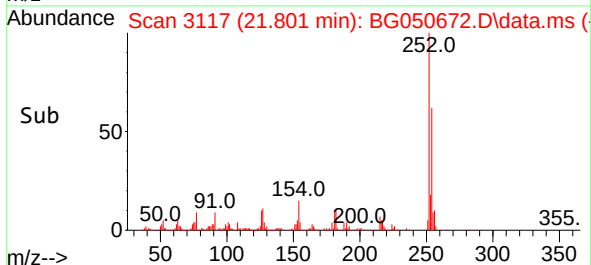
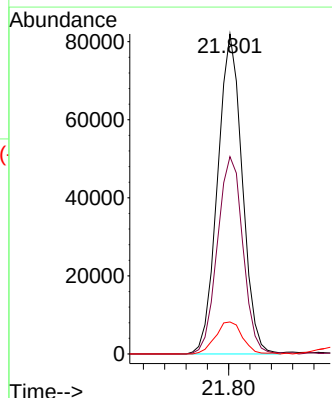
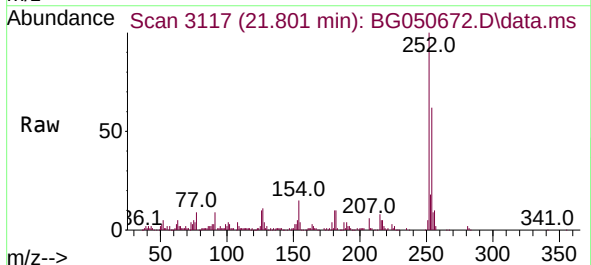
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

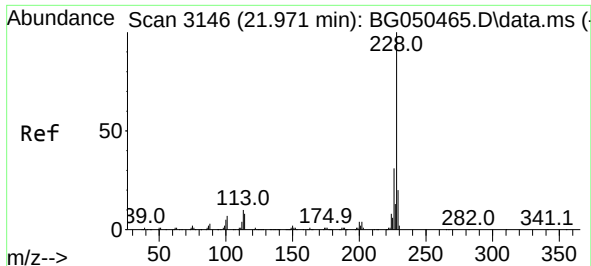
Tgt Ion:228 Resp: 580933  
Ion Ratio Lower Upper  
228 100  
226 28.6 22.7 34.1  
229 20.9 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 27.936 ng  
RT: 21.801 min Scan# 3117  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:252 Resp: 131426  
Ion Ratio Lower Upper  
252 100  
254 61.7 52.4 78.6  
126 10.0 5.9 8.9#

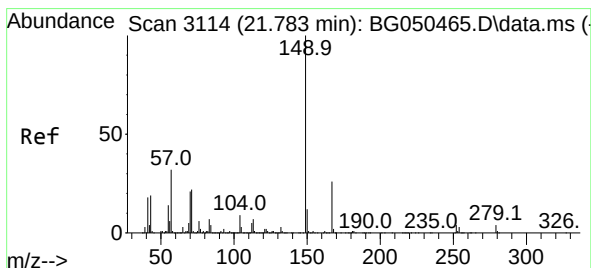
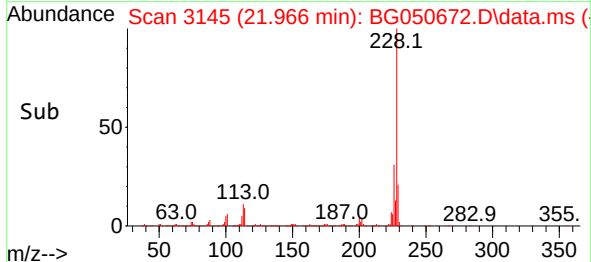
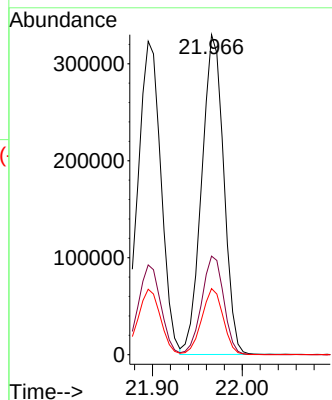
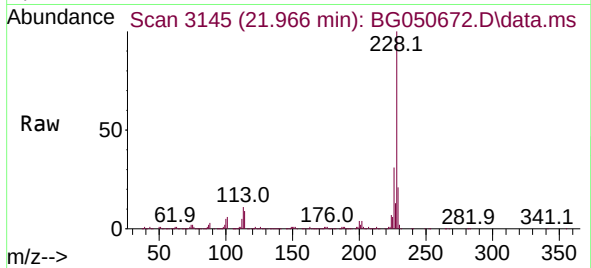




#83  
Chrysene  
Concen: 42.005 ng  
RT: 21.966 min Scan# 3145  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

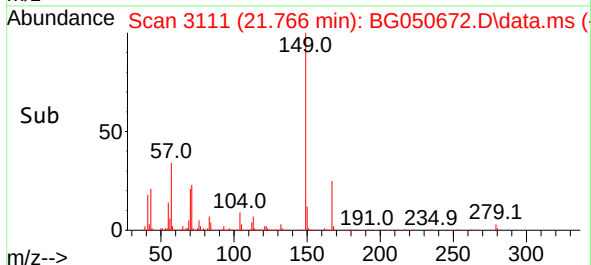
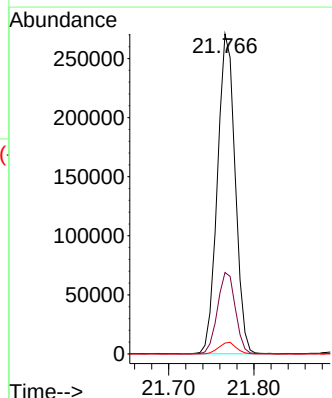
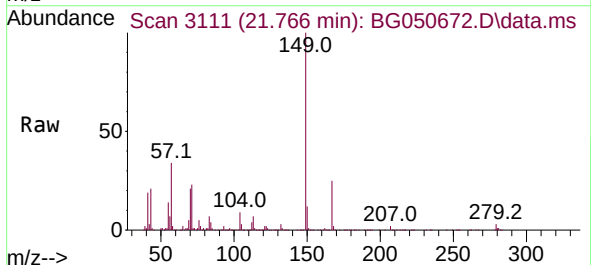
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

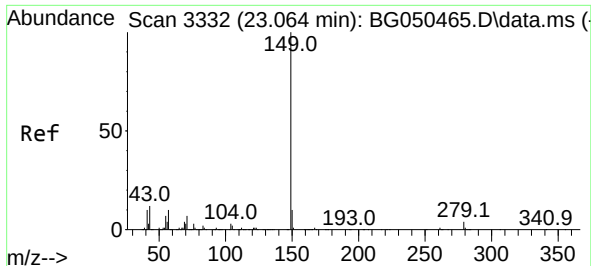
Tgt Ion:228 Resp: 560884  
Ion Ratio Lower Upper  
228 100  
226 30.8 23.1 34.7  
229 20.7 15.3 22.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.647 ng  
RT: 21.766 min Scan# 3111  
Delta R.T. -0.012 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:149 Resp: 390126  
Ion Ratio Lower Upper  
149 100  
167 25.5 22.3 33.5  
279 3.4 3.8 5.8#

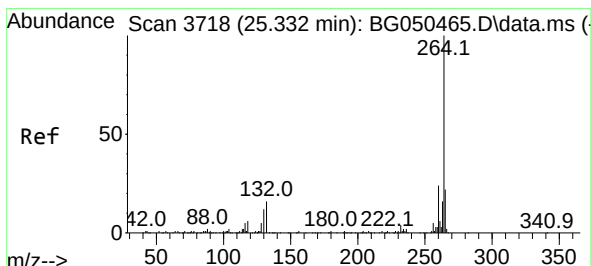
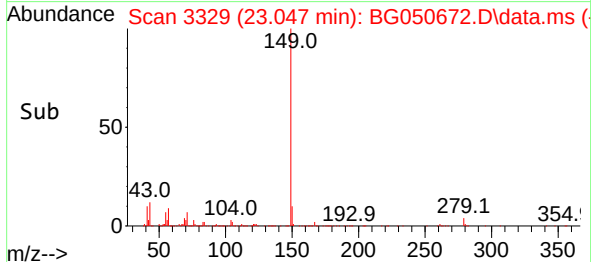
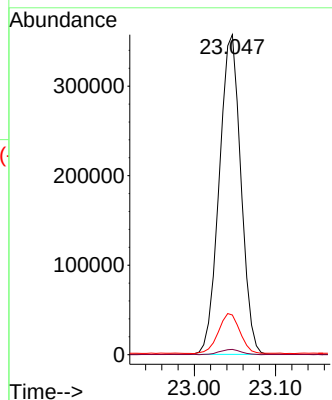
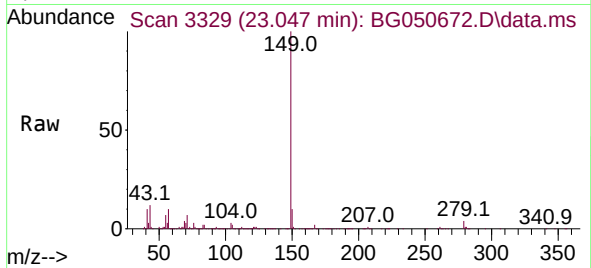




#85  
Di-n-octyl phthalate  
Concen: 43.257 ng  
RT: 23.047 min Scan# 3329  
Delta R.T. -0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

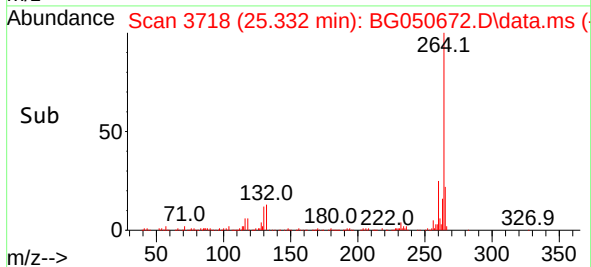
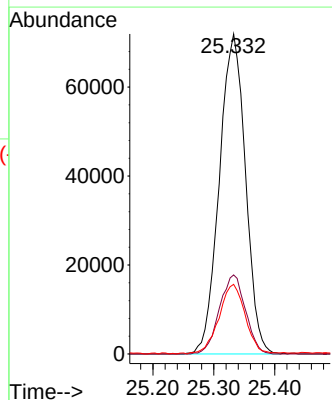
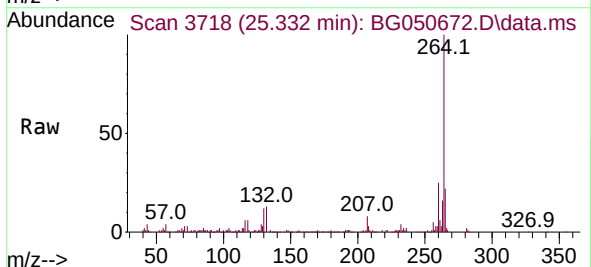
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

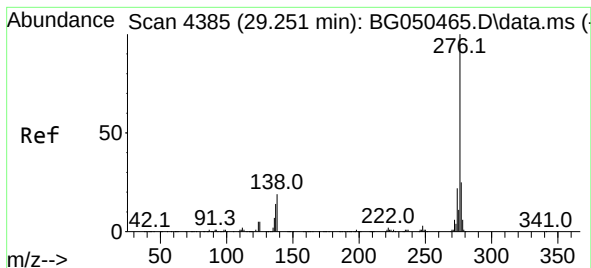
Tgt Ion:149 Resp: 660001  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 12.3 8.6 12.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.332 min Scan# 3718  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:264 Resp: 214259  
Ion Ratio Lower Upper  
264 100  
260 24.7 19.4 29.2  
265 21.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.556 ng

RT: 29.263 min Scan# 4387

Delta R.T. -0.000 min

Lab File: BG050672.D

Acq: 21 Oct 2021 18:22

Tgt Ion:276 Resp: 635072

Ion Ratio Lower Upper

276 100

138 22.7 5.1 7.7#

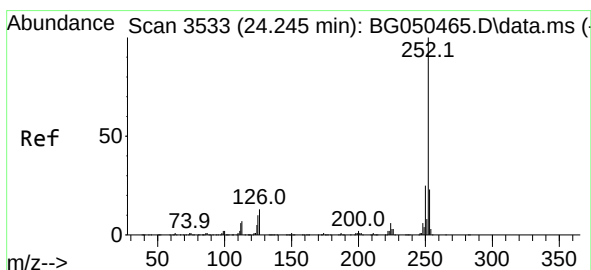
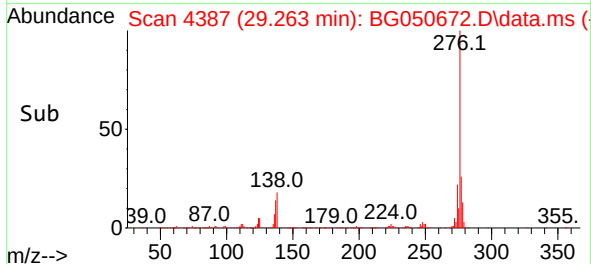
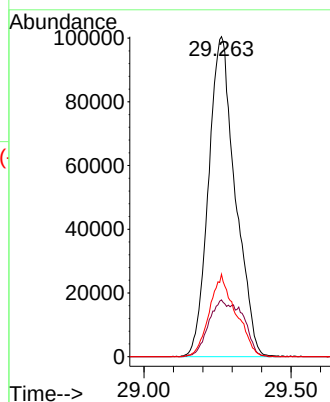
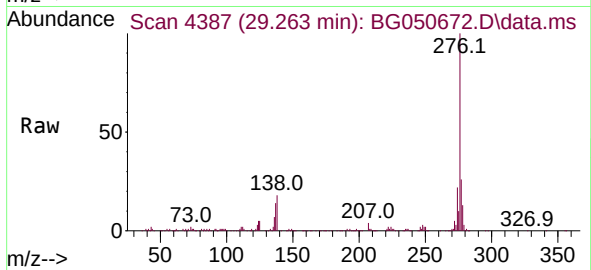
277 25.4 19.8 29.6

Instrument :

BNA\_G

ClientSampleId :

TH-CDMS



#88

Benzo(b)fluoranthene

Concen: 44.034 ng

RT: 24.240 min Scan# 3532

Delta R.T. -0.006 min

Lab File: BG050672.D

Acq: 21 Oct 2021 18:22

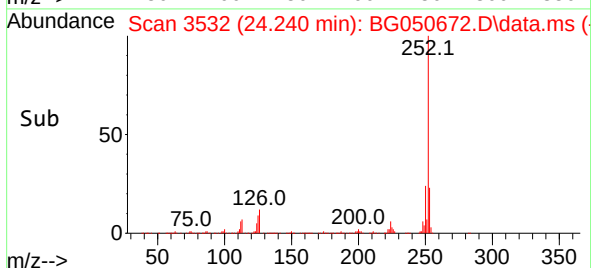
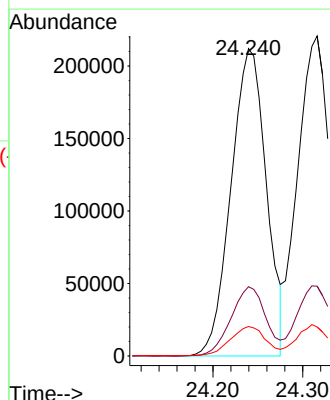
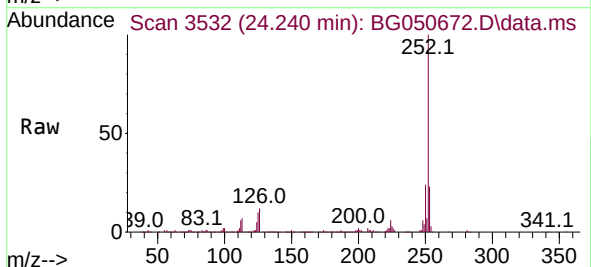
Tgt Ion:252 Resp: 577806

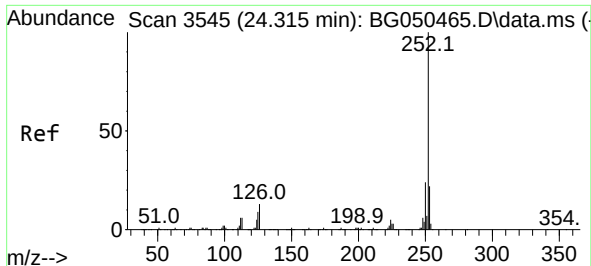
Ion Ratio Lower Upper

252 100

253 22.5 16.2 24.4

125 9.6 3.0 4.4#

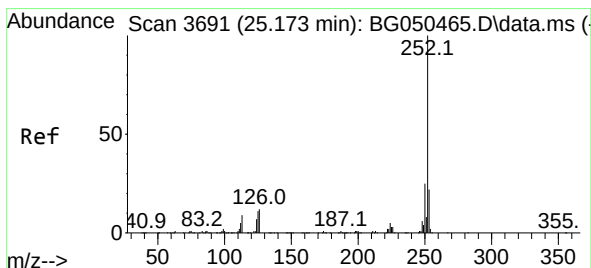
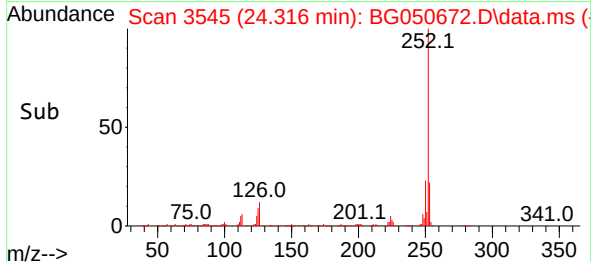
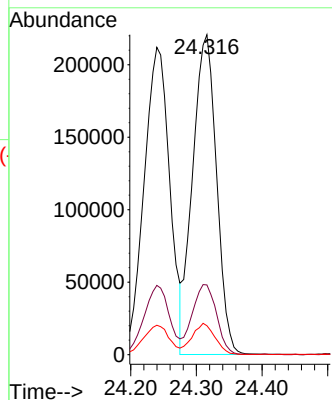
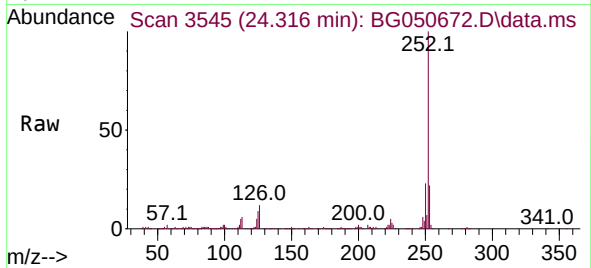




#89  
Benzo(k)fluoranthene  
Concen: 43.262 ng  
RT: 24.316 min Scan# 3545  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

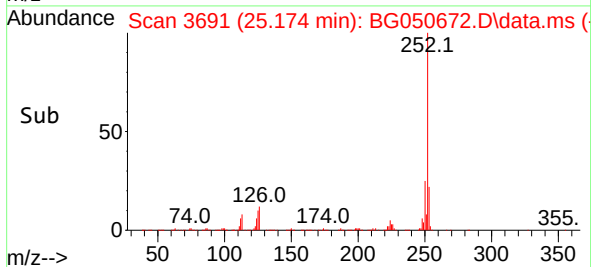
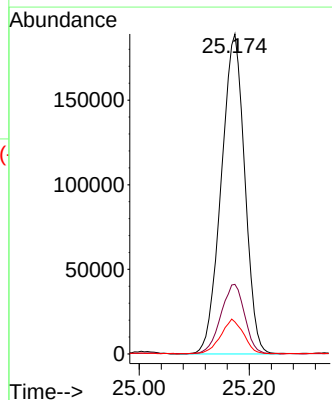
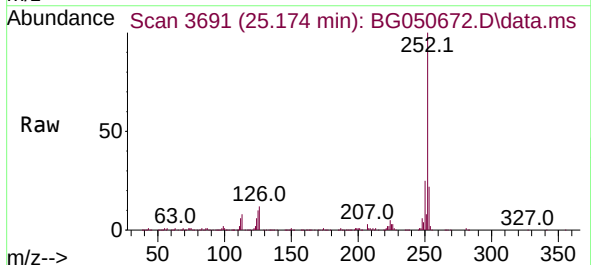
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

Tgt Ion:252 Resp: 558470  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.0 27.0  
125 9.0 3.1 4.7#

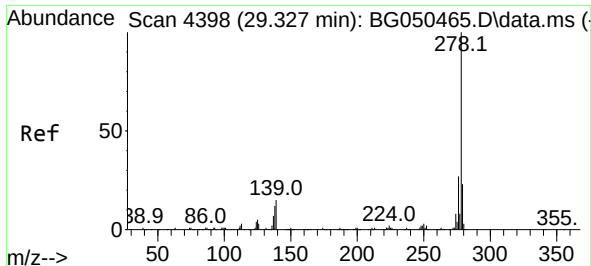


#90  
Benzo(a)pyrene  
Concen: 50.163 ng  
RT: 25.174 min Scan# 3691  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:252 Resp: 559651  
Ion Ratio Lower Upper  
252 100  
253 21.8 16.6 25.0  
125 10.0 3.5 5.3#



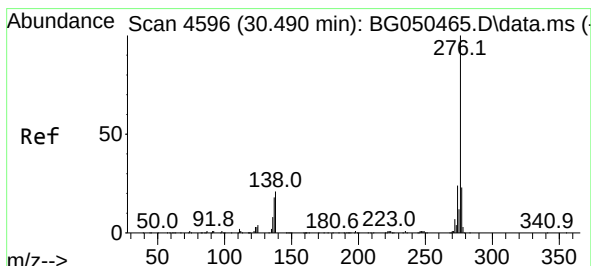
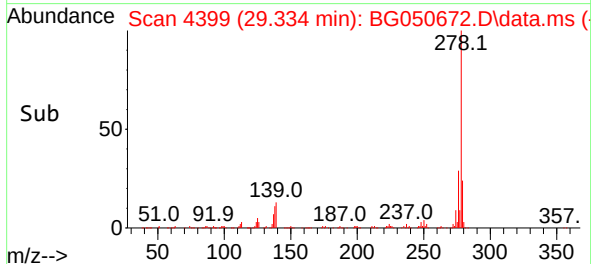
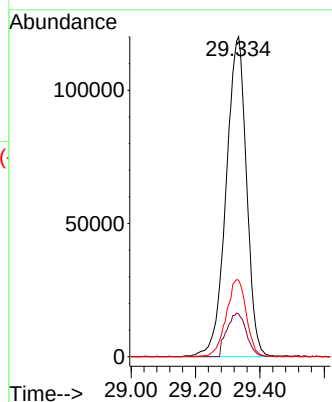
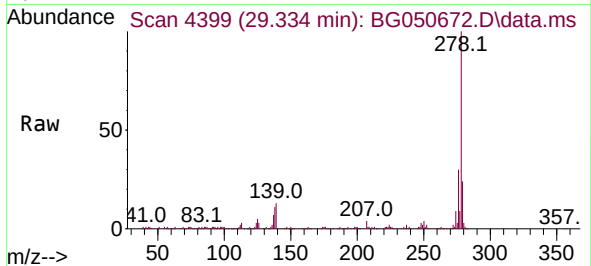




#91  
Dibenzo(a,h)anthracene  
Concen: 42.821 ng  
RT: 29.334 min Scan# 4399  
Delta R.T. -0.000 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMS

Tgt Ion:278 Resp: 528556  
Ion Ratio Lower Upper  
278 100  
139 13.4 4.6 6.8#  
279 23.9 17.9 26.9



#92  
Benzo(g,h,i)perylene  
Concen: 43.402 ng  
RT: 30.503 min Scan# 4598  
Delta R.T. 0.006 min  
Lab File: BG050672.D  
Acq: 21 Oct 2021 18:22

Tgt Ion:276 Resp: 524693  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.4 27.6  
138 17.1 7.0 10.6#

