

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102121\  
 Data File : BG050673.D  
 Acq On : 21 Oct 2021 19:03  
 Operator : CG/JU  
 Sample : M4300-04MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TH-CDMSD

Manual Integrations  
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Quant Time: Oct 22 04:02:52 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 | 8.247  | 152  | 34365    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 11.073 | 136  | 150035   | 20.00 | ng    | #-0.01   |
| 39) Acenaphthene-d10      | 14.874 | 164  | 102742   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.618 | 188  | 240405   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12          | 21.919 | 240  | 209201   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12          | 25.327 | 264  | 207134   | 20.00 | ng    | 0.00     |

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|                             |        |     |        |        |    |       |
|-----------------------------|--------|-----|--------|--------|----|-------|
| System Monitoring Compounds |        |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.791  | 112 | 277284 | 120.67 | ng | 0.00  |
| 7) Phenol-d6                | 7.395  | 99  | 381801 | 114.76 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.422  | 82  | 261841 | 72.24  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 16.355 | 330 | 113962 | 116.29 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 13.494 | 172 | 469742 | 68.81  | ng | -0.01 |
| 79) Terphenyl-d14           | 20.204 | 244 | 756584 | 70.48  | ng | 0.00  |

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|                               |        |     |        |       |    |        |
|-------------------------------|--------|-----|--------|-------|----|--------|
| Target Compounds              |        |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                | 3.646  | 88  | 43110  | 36.22 | ng | 93     |
| 3) Pyridine                   | 4.052  | 79  | 100328 | 30.86 | ng | 94     |
| 4) n-Nitrosodimethylamine     | 3.970  | 42  | 65931  | 43.03 | ng | # 44   |
| 6) Aniline                    | 7.571  | 93  | 135903 | 35.16 | ng | 94     |
| 8) 2-Chlorophenol             | 7.812  | 128 | 111472 | 50.38 | ng | 88     |
| 9) Benzaldehyde               | 7.383  | 77  | 82172  | 39.06 | ng | 91     |
| 10) Phenol                    | 7.424  | 94  | 158247 | 48.92 | ng | 87     |
| 11) bis(2-Chloroethyl)ether   | 7.659  | 93  | 112862 | 44.70 | ng | 87     |
| 12) 1,3-Dichlorobenzene       | 8.135  | 146 | 114185 | 44.71 | ng | 96     |
| 13) 1,4-Dichlorobenzene       | 8.288  | 146 | 116718 | 45.33 | ng | 97     |
| 14) 1,2-Dichlorobenzene       | 8.605  | 146 | 112298 | 45.66 | ng | 96     |
| 15) Benzyl Alcohol            | 8.482  | 79  | 127197 | 48.38 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.776  | 45  | 184733 | 44.87 | ng | 86     |
| 17) 2-Methylphenol            | 8.688  | 107 | 106936 | 50.24 | ng | 91     |
| 18) Hexachloroethane          | 9.340  | 117 | 45063  | 46.24 | ng | 93     |
| 19) n-Nitroso-di-n-propyla... | 9.052  | 70  | 107088 | 44.16 | ng | # 88   |
| 20) 3+4-Methylphenols         | 9.011  | 107 | 145040 | 48.41 | ng | 94     |
| 22) Acetophenone              | 9.075  | 105 | 179229 | 42.02 | ng | # 96   |
| 24) Nitrobenzene              | 9.463  | 77  | 155629 | 43.18 | ng | 95     |
| 25) Isophorone                | 9.986  | 82  | 274854 | 42.75 | ng | # 96   |
| 26) 2-Nitrophenol             | 10.180 | 139 | 63096  | 47.68 | ng | # 91   |
| 27) 2,4-Dimethylphenol        | 10.221 | 122 | 117226 | 51.27 | ng | 91     |
| 28) bis(2-Chloroethoxy)met... | 10.462 | 93  | 153656 | 41.80 | ng | 93     |
| 29) 2,4-Dichlorophenol        | 10.715 | 162 | 111430 | 47.82 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene    | 10.932 | 180 | 112141 | 42.37 | ng | 97     |
| 31) Naphthalene               | 11.126 | 128 | 347538 | 43.28 | ng | 99     |
| 32) Benzoic acid              | 10.368 | 122 | 72406  | 42.67 | ng | # 78   |
| 33) 4-Chloroaniline           | 11.232 | 127 | 80199  | 23.80 | ng | 97     |
| 34) Hexachlorobutadiene       | 11.396 | 225 | 69426  | 41.78 | ng | 97     |
| 35) Caprolactam               | 12.007 | 113 | 44716m | 50.14 | ng |        |
| 36) 4-Chloro-3-methylphenol   | 12.330 | 107 | 137708 | 47.28 | ng | # 90   |
| 37) 2-Methylnaphthalene       | 12.712 | 142 | 251069 | 45.31 | ng | 92     |
| 38) 1-Methylnaphthalene       | 12.930 | 142 | 231597 | 43.10 | ng | 94     |
| 40) 1,2,4,5-Tetrachloroben... | 13.071 | 216 | 125533 | 41.38 | ng | 97     |
| 41) Hexachlorocyclopentadiene | 13.047 | 237 | 150560 | 85.86 | ng | 89     |
| 43) 2,4,6-Trichlorophenol     | 13.306 | 196 | 91839  | 42.96 | ng | 94     |

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 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Quant Time: Oct 22 04:02:52 2021  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

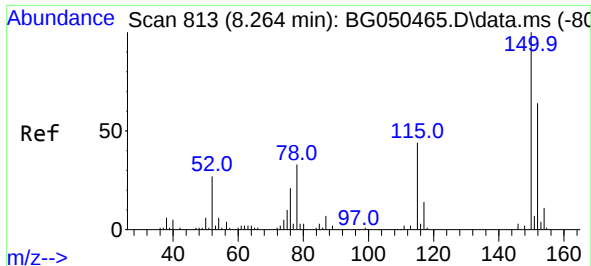
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.382 | 196  | 101383   | 45.36 | ng    | 92       |
| 46) 1,1'-Biphenyl             | 13.705 | 154  | 310295   | 41.41 | ng    | 94       |
| 47) 2-Chloronaphthalene       | 13.752 | 162  | 247494   | 43.01 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.952 | 65   | 109504   | 47.84 | ng    | 97       |
| 49) Acenaphthylene            | 14.598 | 152  | 410490   | 43.54 | ng    | 97       |
| 50) Dimethylphthalate         | 14.316 | 163  | 336669   | 43.35 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.440 | 165  | 74491    | 47.89 | ng    | 90       |
| 52) Acenaphthene              | 14.933 | 154  | 293096m  | 48.38 | ng    |          |
| 53) 3-Nitroaniline            | 14.775 | 138  | 54131    | 29.42 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.980 | 184  | 85024    | 88.11 | ng    | 90       |
| 55) Dibenzofuran              | 15.268 | 168  | 392743   | 41.91 | ng    | 98       |
| 56) 4-Nitrophenol             | 15.074 | 139  | 139123   | 94.00 | ng    | # 83     |
| 57) 2,4-Dinitrotoluene        | 15.227 | 165  | 106447   | 48.55 | ng    | 96       |
| 58) Fluorene                  | 15.914 | 166  | 316695   | 44.00 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.486 | 232  | 83861    | 43.07 | ng    | 91       |
| 60) Diethylphthalate          | 15.668 | 149  | 359976   | 44.12 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.897 | 204  | 168414   | 42.76 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.938 | 138  | 86470    | 45.17 | ng    | # 66     |
| 63) Azobenzene                | 16.191 | 77   | 402806   | 42.65 | ng    | 83       |
| 65) 4,6-Dinitro-2-methylph... | 15.985 | 198  | 60295    | 41.76 | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 16.114 | 169  | 287894   | 42.15 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.796 | 248  | 102799   | 42.43 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.913 | 284  | 103648   | 43.05 | ng    | # 91     |
| 69) Atrazine                  | 17.054 | 200  | 122179   | 45.41 | ng    | 98       |
| 70) Pentachlorophenol         | 17.260 | 266  | 132132   | 80.62 | ng    | 98       |
| 71) Phenanthrene              | 17.659 | 178  | 550041   | 43.42 | ng    | 98       |
| 72) Anthracene                | 17.748 | 178  | 558318   | 44.35 | ng    | 98       |
| 73) Carbazole                 | 18.018 | 167  | 524899   | 41.84 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.553 | 149  | 649661   | 44.12 | ng    | # 97     |
| 75) Fluoranthene              | 19.657 | 202  | 660514   | 42.42 | ng    | 96       |
| 77) Benzidine                 | 19.828 | 184  | 282198   | 41.62 | ng    | 96       |
| 78) Pyrene                    | 20.016 | 202  | 673196   | 45.36 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.885 | 149  | 280330   | 44.65 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.896 | 228  | 599991   | 43.34 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.802 | 252  | 136322   | 29.72 | ng    | # 99     |
| 83) Chrysene                  | 21.966 | 228  | 571184   | 43.87 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.766 | 149  | 401124   | 44.97 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 23.041 | 149  | 678878   | 45.63 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.258 | 276  | 646333   | 44.80 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 24.240 | 252  | 592204   | 46.68 | ng    | # 92     |
| 89) Benzo(k)fluoranthene      | 24.311 | 252  | 568595   | 45.56 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 25.174 | 252  | 570213   | 52.87 | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 29.328 | 278  | 539556   | 45.22 | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 30.497 | 276  | 534766   | 45.76 | ng    | # 91     |

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





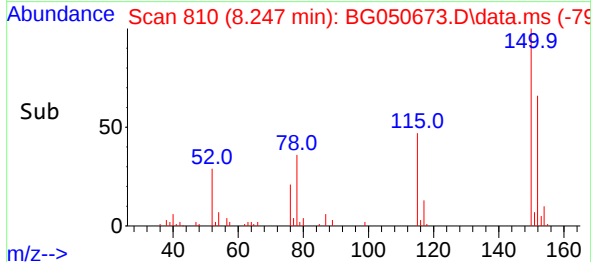
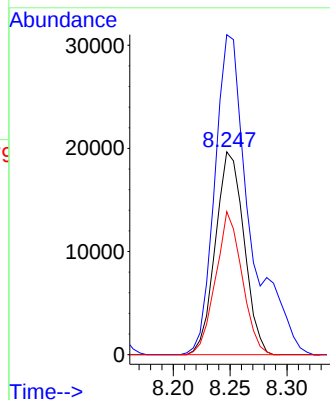
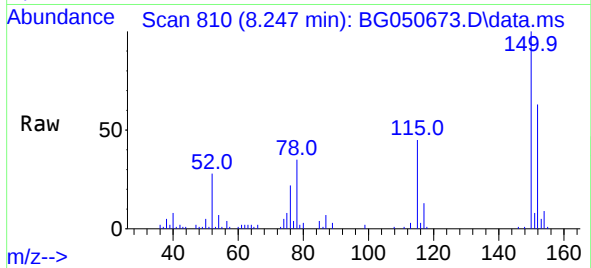
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.247 min Scan# 810  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 152 Resp: 34365  
Ion Ratio Lower Upper  
152 100  
150 157.8 119.4 179.0  
115 70.5 60.2 90.4

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

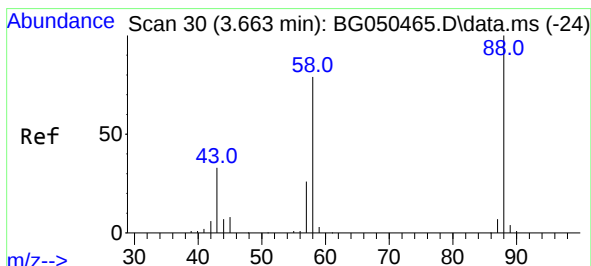
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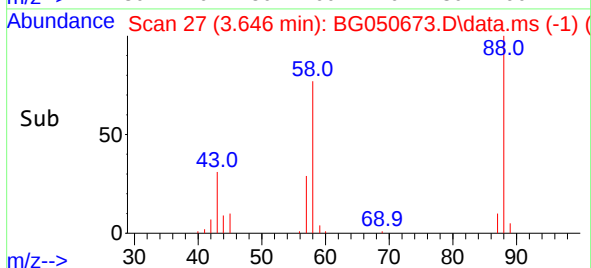
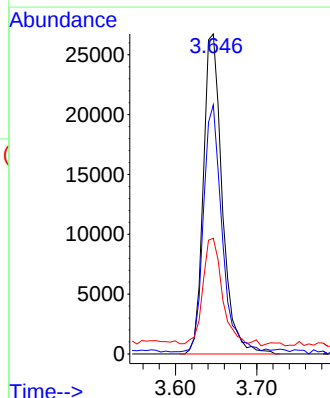
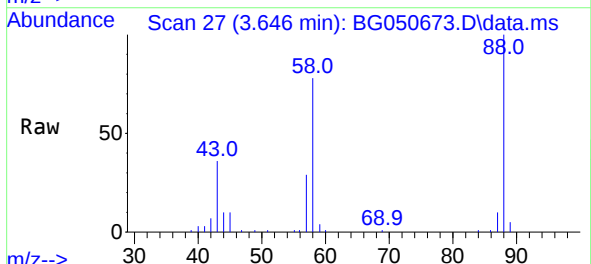
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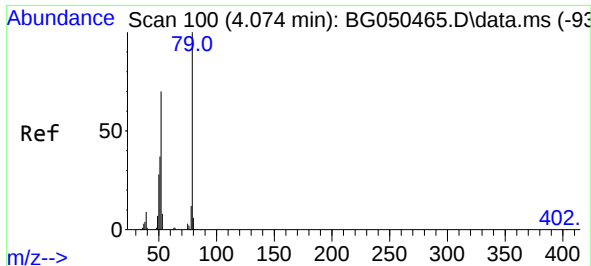
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#2  
1,4-Dioxane  
Concen: 36.22 ng  
RT: 3.646 min Scan# 27  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 88 Resp: 43110  
Ion Ratio Lower Upper  
88 100  
58 76.1 55.7 83.5  
43 33.9 29.3 43.9





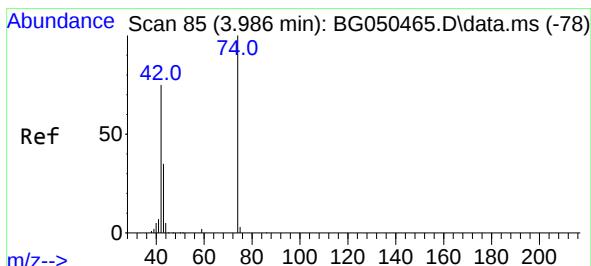
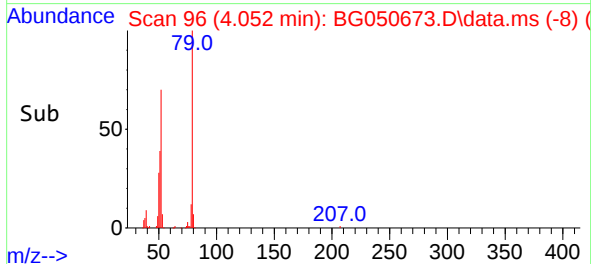
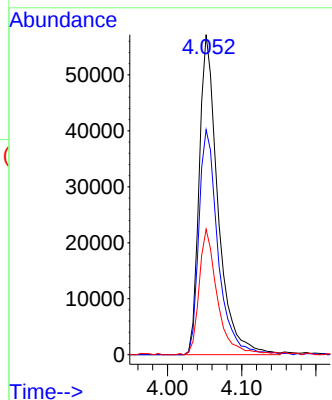
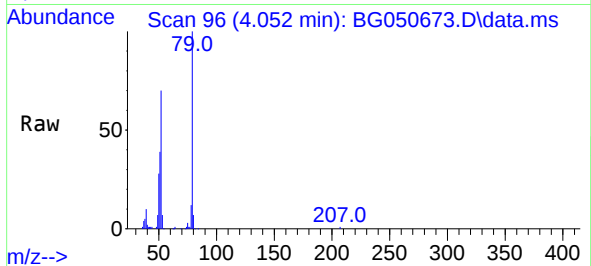
#3  
Pyridine  
Concen: 30.86 ng  
RT: 4.052 min Scan# 96  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 79 Resp: 100328  
Ion Ratio Lower Upper  
79 100  
52 70.3 58.4 87.6  
51 39.2 37.0 55.6

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

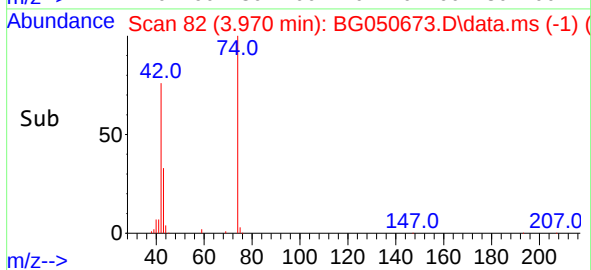
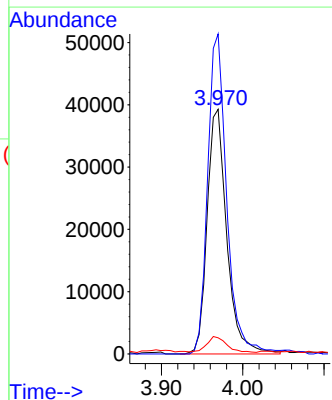
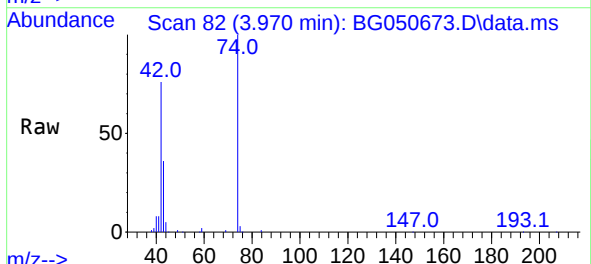
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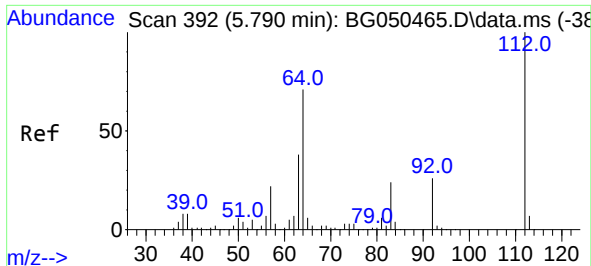
#4  
n-Nitrosodimethylamine  
Concen: 43.03 ng  
RT: 3.970 min Scan# 82  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 42 Resp: 65931  
Ion Ratio Lower Upper  
42 100  
74 130.8 64.0 96.0#  
44 6.6 2.7 4.1#



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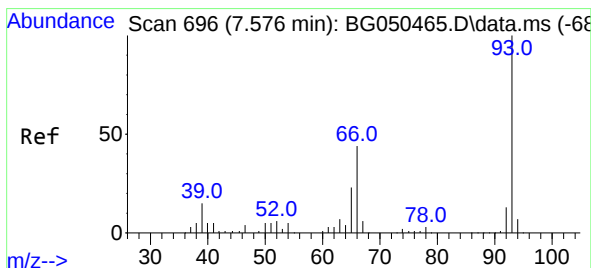
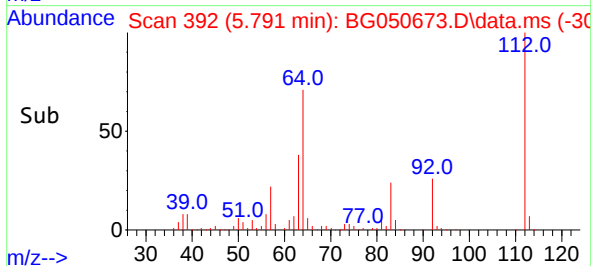
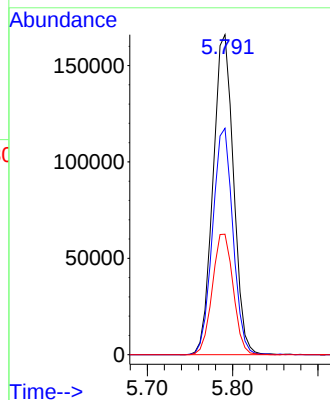
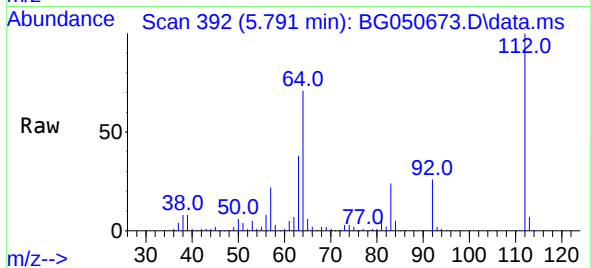
#5  
2-Fluorophenol  
Concen: 120.67 ng  
RT: 5.791 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 112 Resp: 277284  
Ion Ratio Lower Upper  
112 100  
64 70.7 46.7 70.1#  
63 37.7 35.3 52.9

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

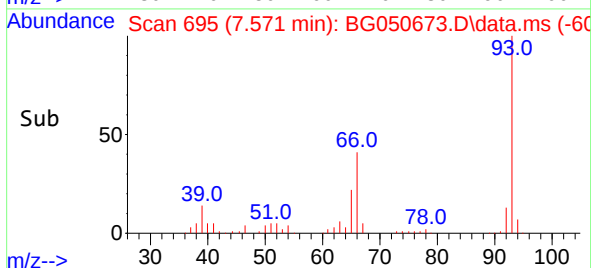
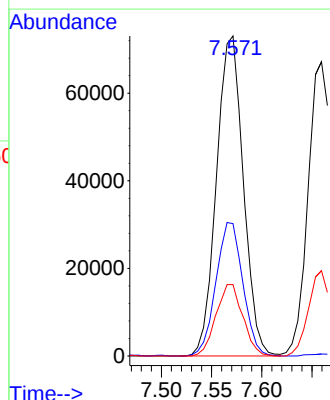
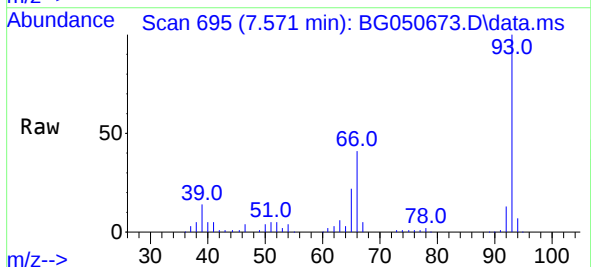
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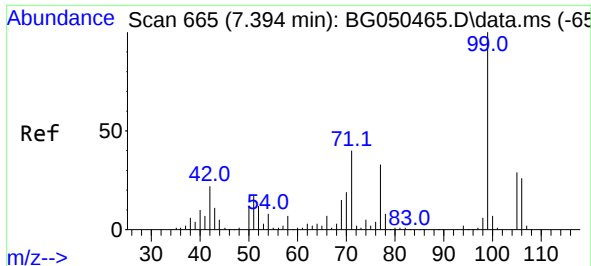
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#6  
Aniline  
Concen: 35.16 ng  
RT: 7.571 min Scan# 695  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 93 Resp: 135903  
Ion Ratio Lower Upper  
93 100  
66 41.4 30.6 45.8  
65 22.3 15.0 22.4





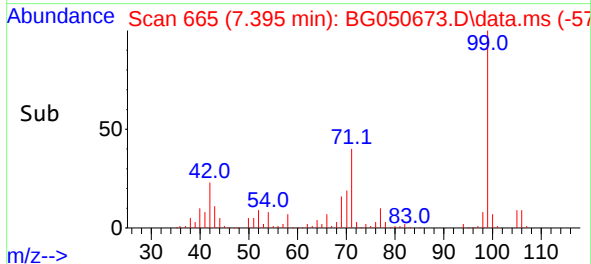
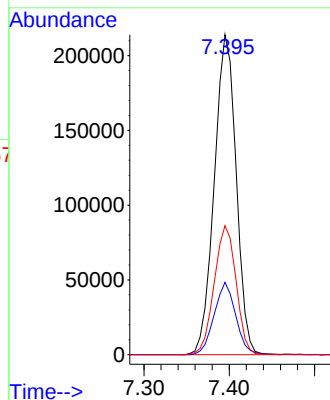
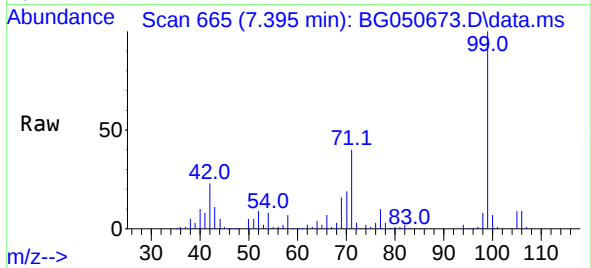
#7  
Phenol-d6  
Concen: 114.76 ng  
RT: 7.395 min Scan# 665  
Delta R.T. -0.006 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 99 Resp: 381801  
Ion Ratio Lower Upper  
99 100  
42 22.6 20.5 30.7  
71 40.3 41.5 62.3#

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

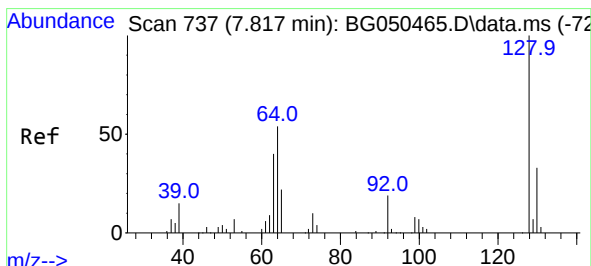
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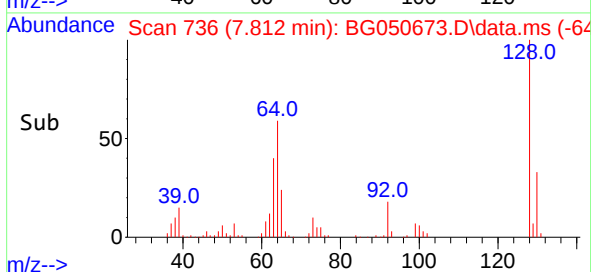
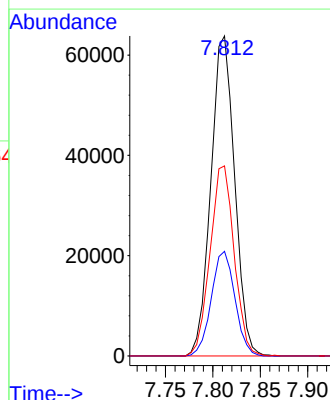
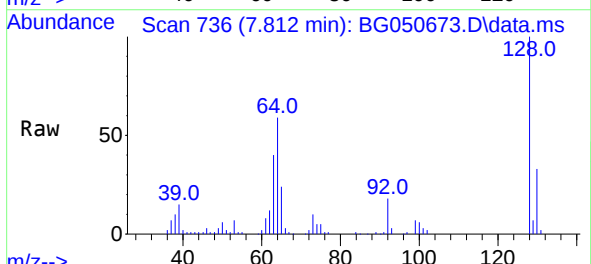
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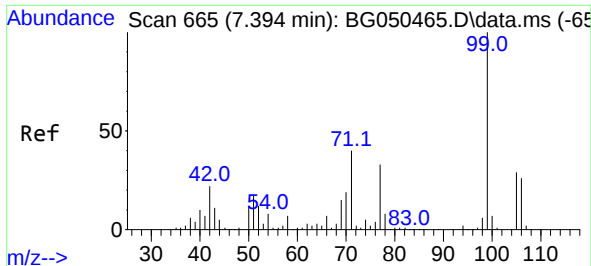
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#8  
2-Chlorophenol  
Concen: 50.38 ng  
RT: 7.812 min Scan# 736  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:128 Resp: 111472  
Ion Ratio Lower Upper  
128 100  
130 32.7 10.0 50.0  
64 59.4 28.1 68.1





#9  
Benzaldehyde  
Concen: 39.06 ng  
RT: 7.383 min Scan# 663  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

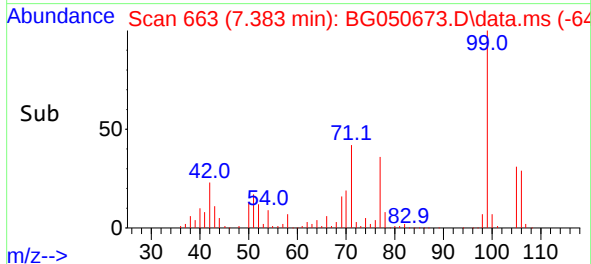
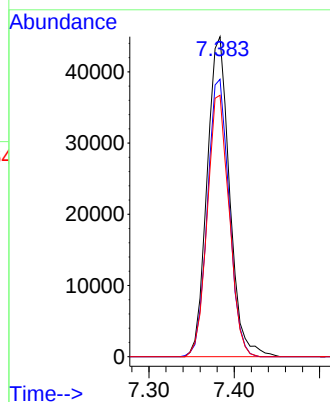
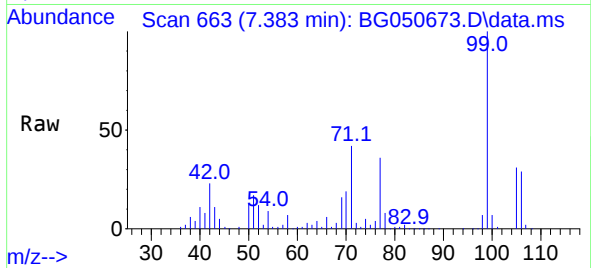
Tgt Ion: 77 Resp: 82172  
Ion Ratio Lower Upper  
77 100  
105 86.7 68.8 108.8  
106 81.7 47.9 87.9

Instrument :  
BNA\_G  
ClientSampleId :  
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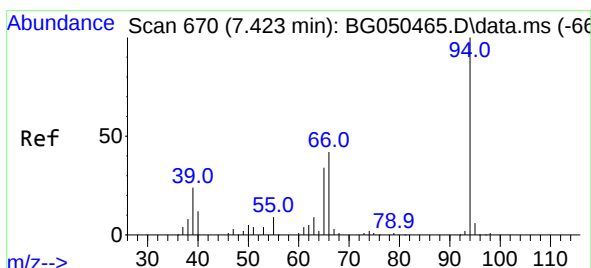
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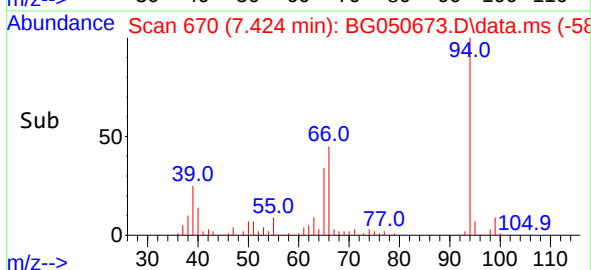
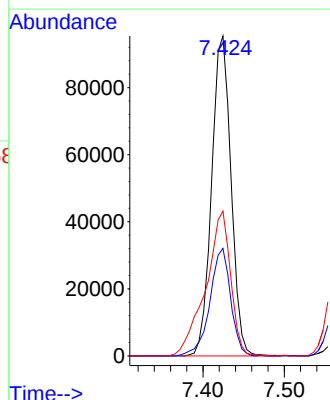
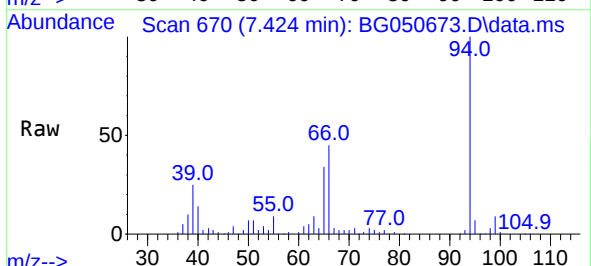
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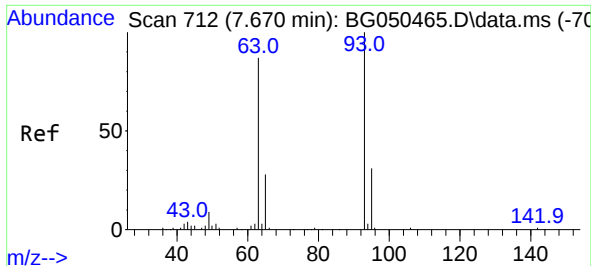
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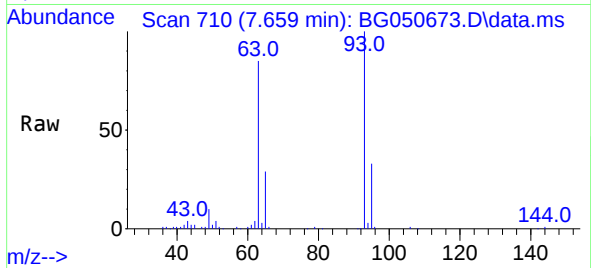
#10  
Phenol  
Concen: 48.92 ng  
RT: 7.424 min Scan# 670  
Delta R.T. 0.000 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 94 Resp: 158247  
Ion Ratio Lower Upper  
94 100  
65 33.6 12.9 52.9  
66 45.2 39.4 79.4

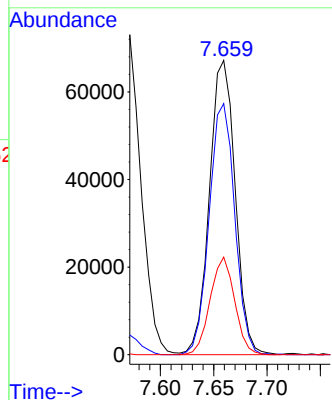




#11  
bis(2-Chloroethyl)ether  
Concen: 44.70 ng  
RT: 7.659 min Scan# 710  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion: 93 Resp: 112862  
Ion Ratio Lower Upper  
93 100  
63 85.3 50.4 90.4  
95 33.2 15.3 55.3



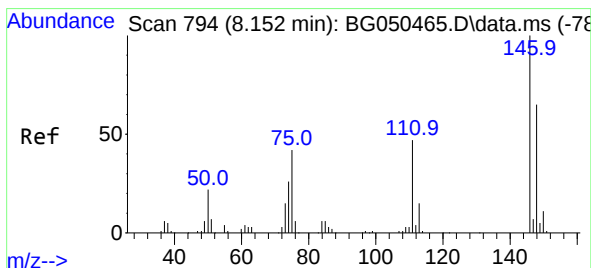
Instrument :  
BNA\_G  
ClientSampleId :  
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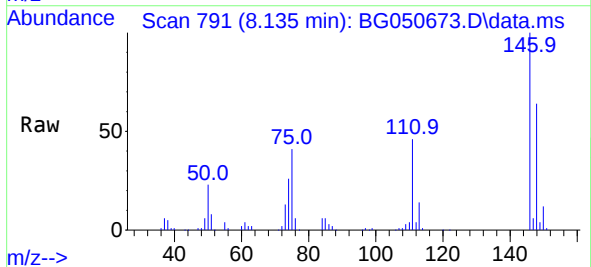
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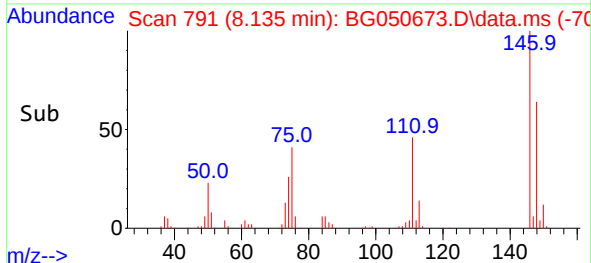
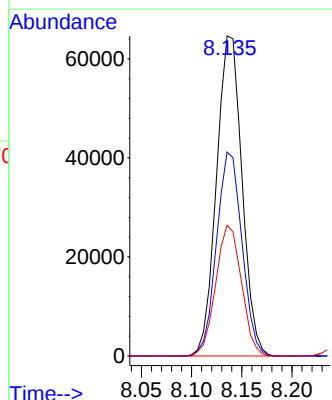
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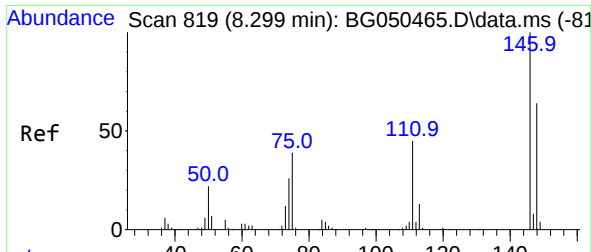


#12  
1,3-Dichlorobenzene  
Concen: 44.71 ng  
RT: 8.135 min Scan# 791  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion: 146 Resp: 114185  
Ion Ratio Lower Upper  
146 100  
148 63.8 52.6 78.8  
75 40.8 35.7 53.5





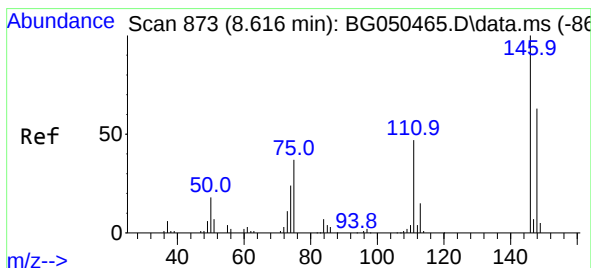
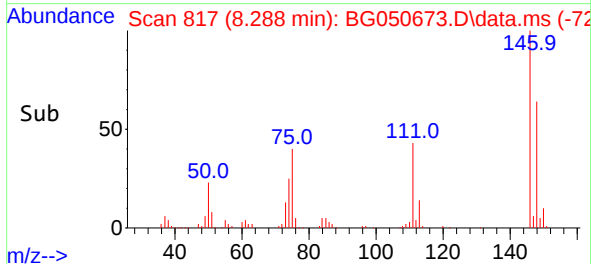
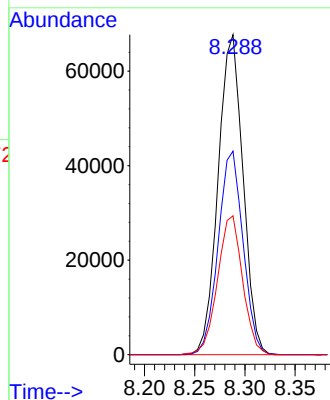
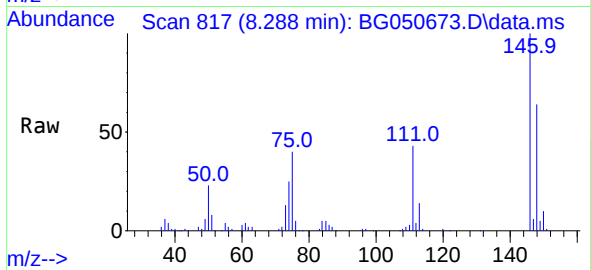
#13  
1,4-Dichlorobenzene  
Concen: 45.33 ng  
RT: 8.288 min Scan# 817  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:146 Resp: 116718  
Ion Ratio Lower Upper  
146 100  
148 63.6 54.0 81.0  
111 43.4 34.3 51.5

Instrument :  
BNA\_G  
ClientSampleId :  
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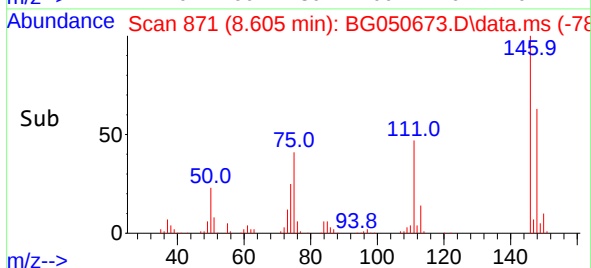
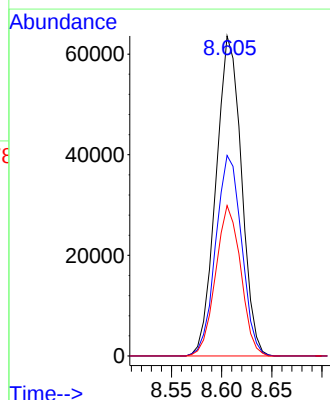
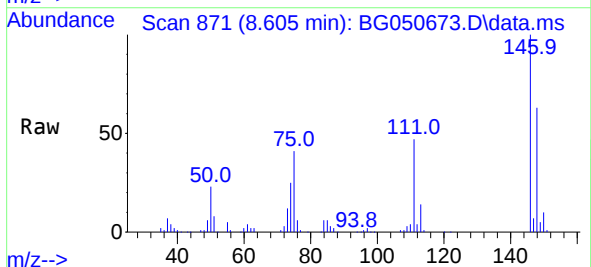
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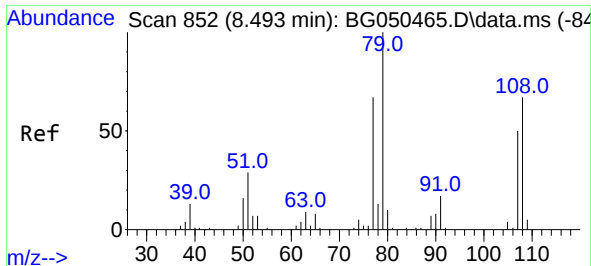
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#14  
1,2-Dichlorobenzene  
Concen: 45.66 ng  
RT: 8.605 min Scan# 871  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:146 Resp: 112298  
Ion Ratio Lower Upper  
146 100  
148 62.6 47.5 71.3  
111 47.0 39.1 58.7





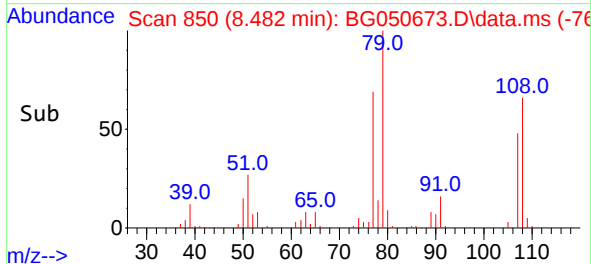
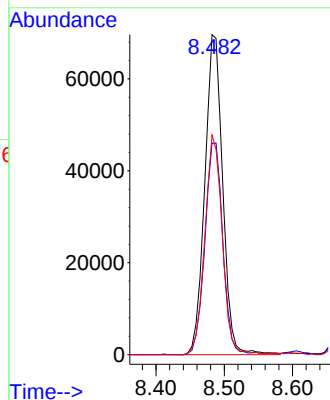
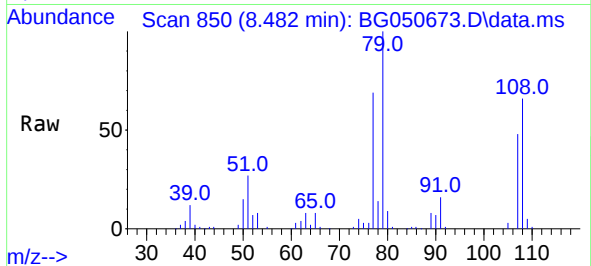
#15  
Benzyl Alcohol  
Concen: 48.38 ng  
RT: 8.482 min Scan# 850  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 79 Resp: 127197  
Ion Ratio Lower Upper  
79 100  
108 66.1 48.2 72.4  
77 68.6 57.3 85.9

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

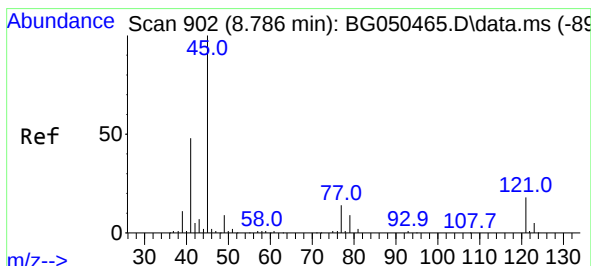
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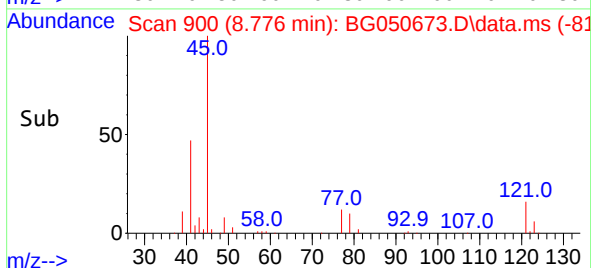
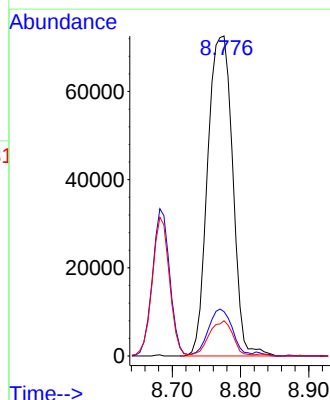
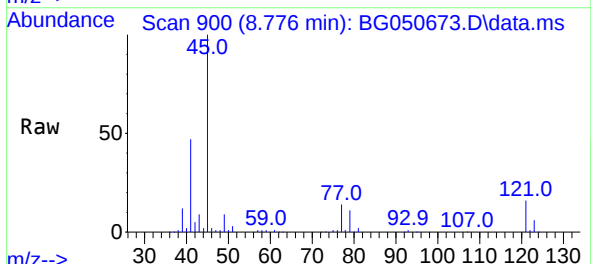
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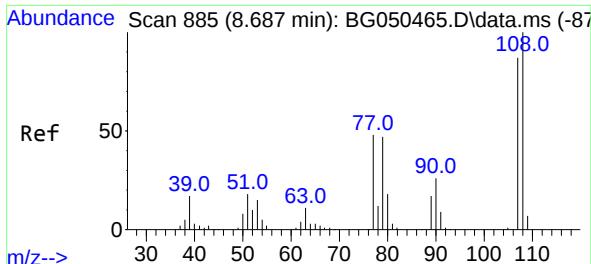
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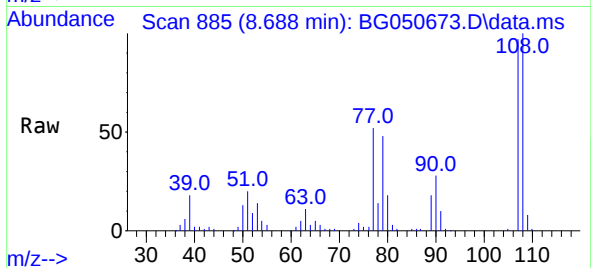
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.87 ng  
RT: 8.776 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 45 Resp: 184733  
Ion Ratio Lower Upper  
45 100  
77 13.8 2.2 42.2  
79 11.0 0.0 34.3

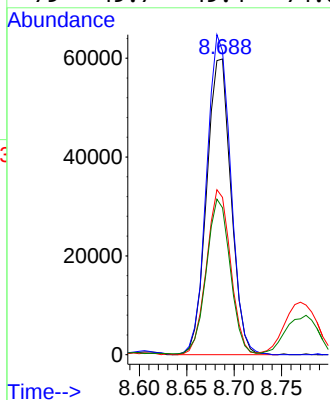




#17  
2-Methylphenol  
Concen: 50.24 ng  
RT: 8.688 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 106936 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 102.6 | 84.6  | 127.0  |
| 77        | 53.2  | 50.7  | 76.1   |
| 79        | 49.7  | 49.4  | 74.0   |



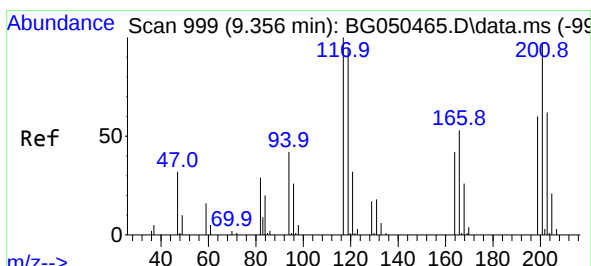
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

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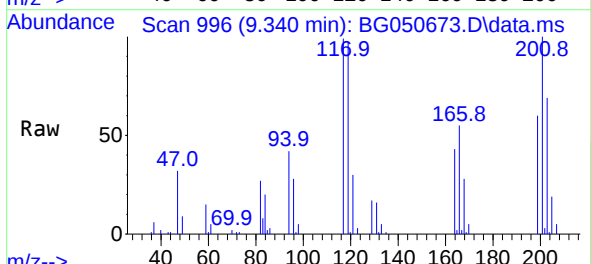
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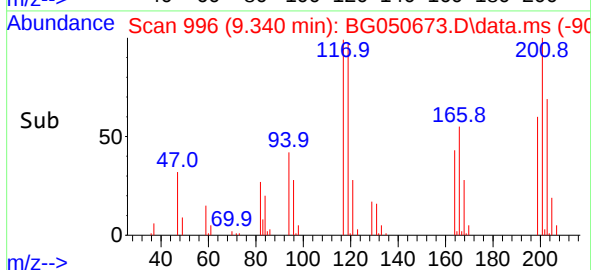
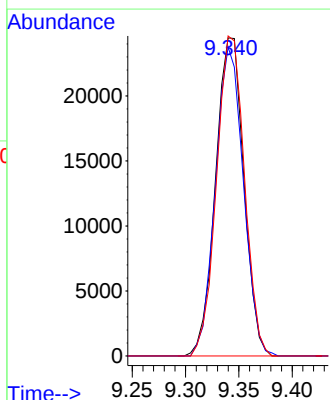
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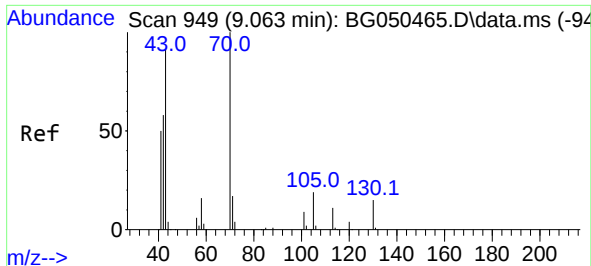


#18  
Hexachloroethane  
Concen: 46.24 ng  
RT: 9.340 min Scan# 996  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



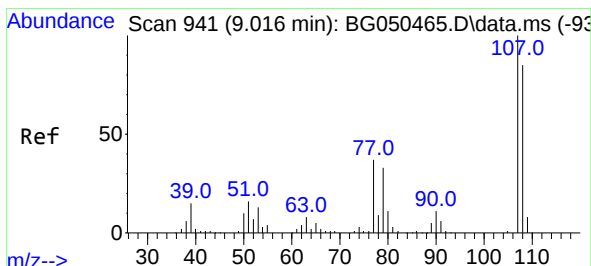
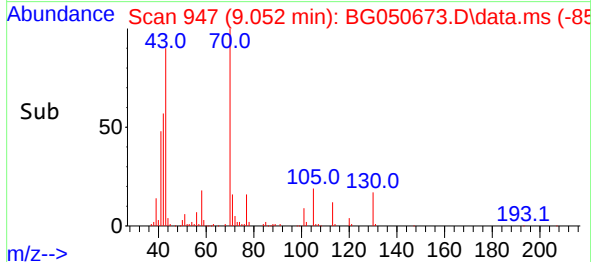
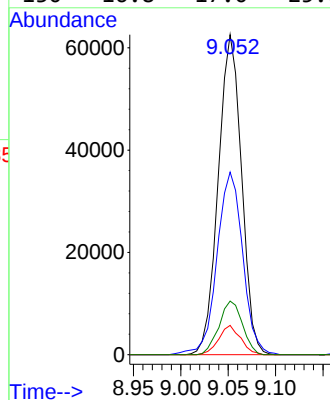
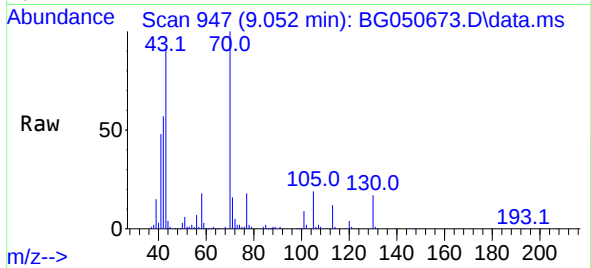
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 45063 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 97.1  | 74.4  | 111.6 |
| 201       | 100.6 | 88.6  | 133.0 |





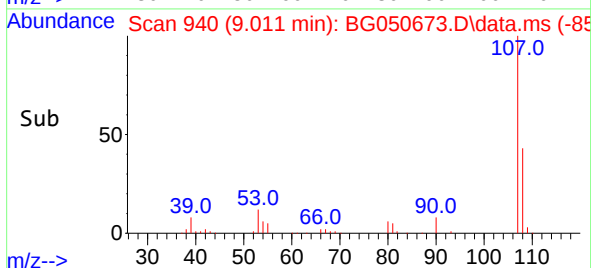
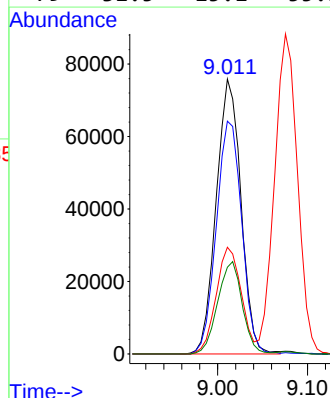
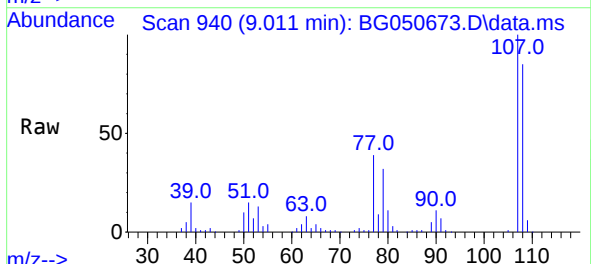
#19  
n-Nitroso-di-n-propylamine  
Concen: 44.16 ng  
RT: 9.052 min Scan# 947  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 70 Resp: 107088  
Ion Ratio Lower Upper  
70 100  
42 57.0 54.5 81.7  
101 9.2 9.0 13.6  
130 16.8 17.0 25.6#



#20  
3+4-Methylphenols  
Concen: 48.41 ng  
RT: 9.011 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 107 Resp: 145040  
Ion Ratio Lower Upper  
107 100  
108 84.7 69.3 109.3  
77 38.8 25.2 65.2  
79 31.5 15.1 55.1



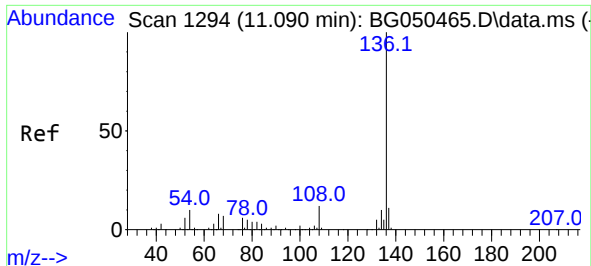
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

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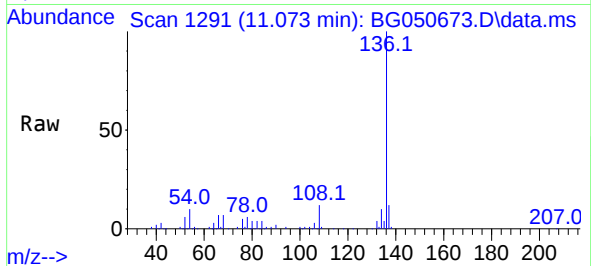
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.073 min Scan# 1291  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

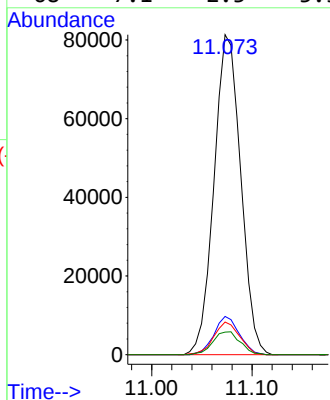
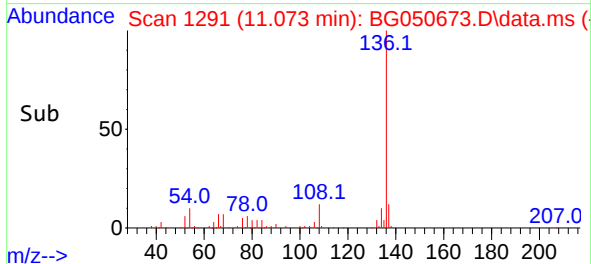
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD



Tgt Ion:136 Resp: 150035  
Ion Ratio Lower Upper  
136 100  
137 12.0 8.2 12.2  
54 10.2 5.5 8.3#  
68 7.1 2.3 3.5#

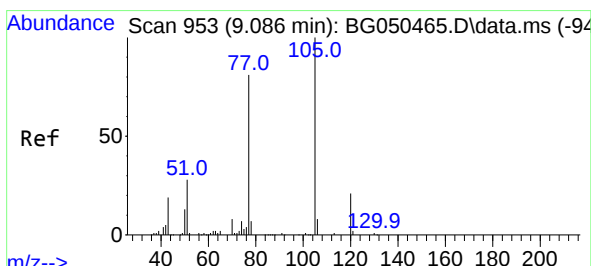
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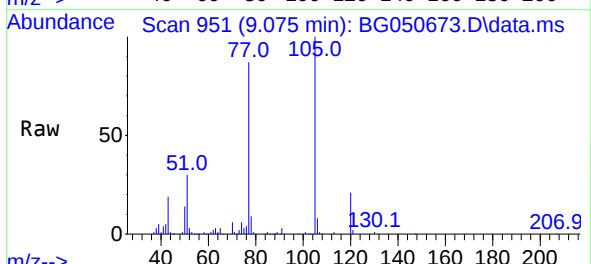


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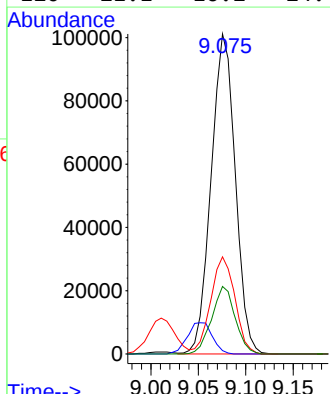
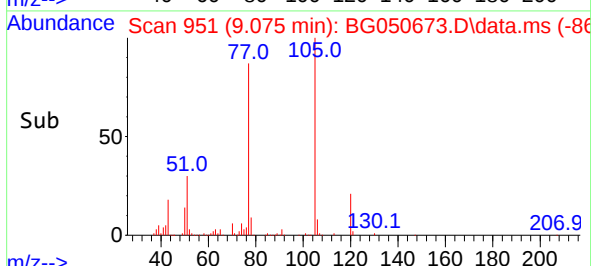
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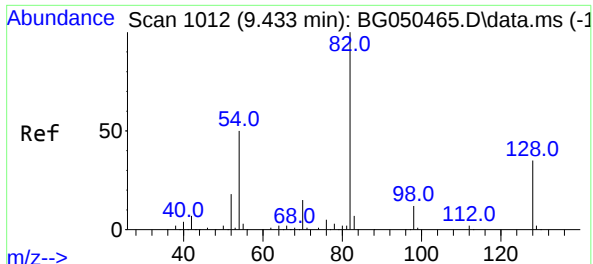


#22  
Acetophenone  
Concen: 42.02 ng  
RT: 9.075 min Scan# 951  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion:105 Resp: 179229  
Ion Ratio Lower Upper  
105 100  
71 1.1 0.6 0.8#  
51 30.3 26.6 40.0  
120 21.1 16.2 24.4





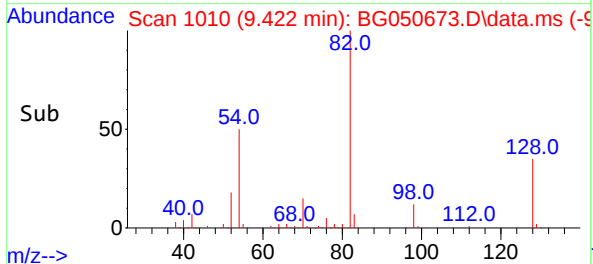
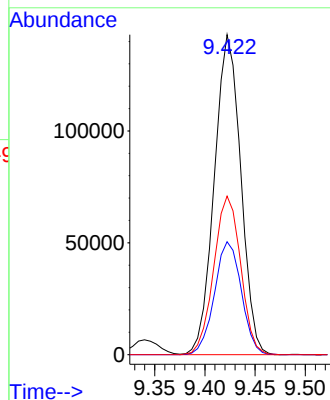
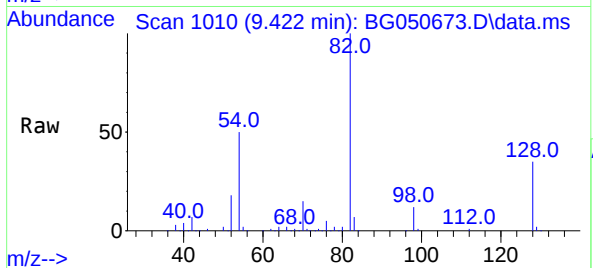
#23  
Nitrobenzene-d5  
Concen: 72.24 ng  
RT: 9.422 min Scan# 1010  
Delta R.T. -0.006 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 261841 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 35.3  | 29.8  | 44.6   |
| 54       | 49.5  | 45.8  | 68.8   |

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

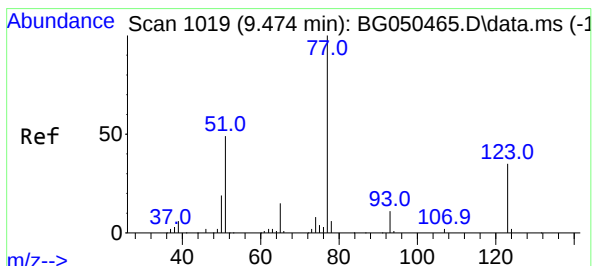
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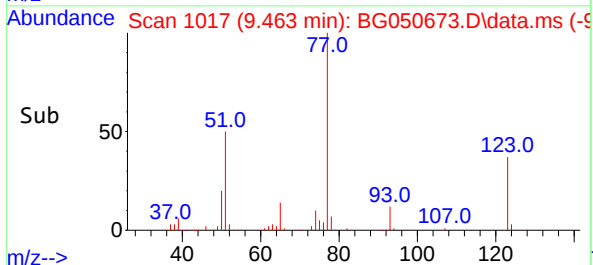
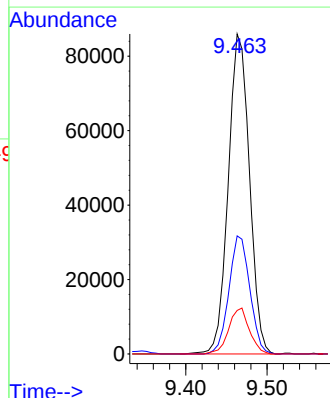
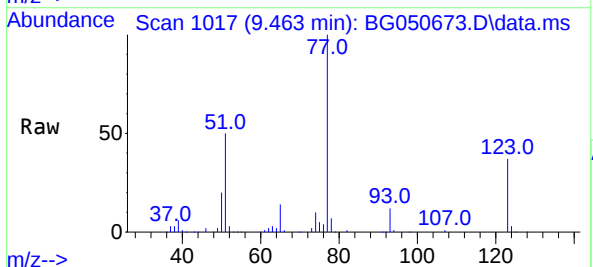
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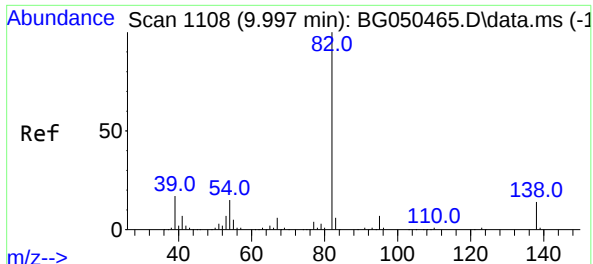
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#24  
Nitrobenzene  
Concen: 43.18 ng  
RT: 9.463 min Scan# 1017  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 155629 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 36.9  | 27.5  | 41.3   |
| 65       | 13.6  | 12.6  | 18.8   |





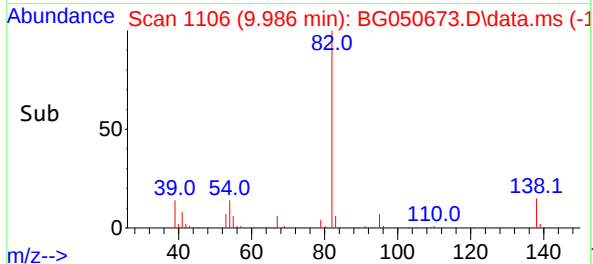
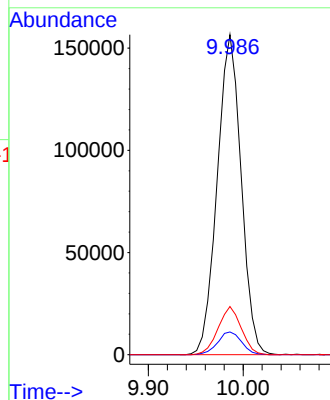
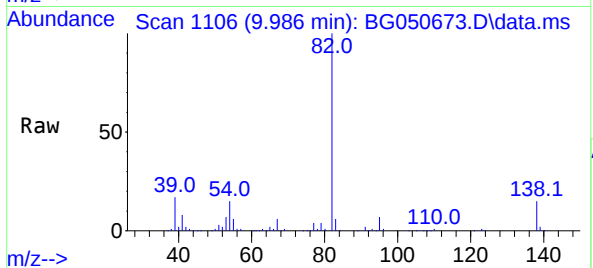
#25  
Isophorone  
Concen: 42.75 ng  
RT: 9.986 min Scan# 1106  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 82 Resp: 274854  
Ion Ratio Lower Upper  
82 100  
95 7.1 8.5 12.7#  
138 15.1 11.8 17.6

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

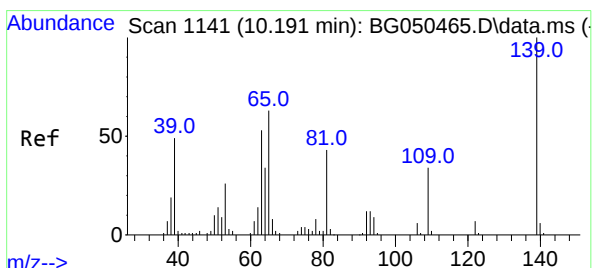
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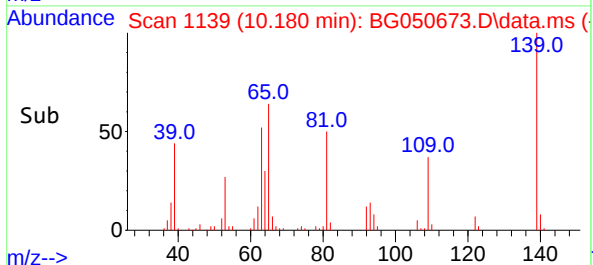
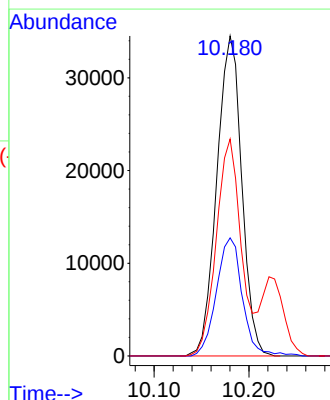
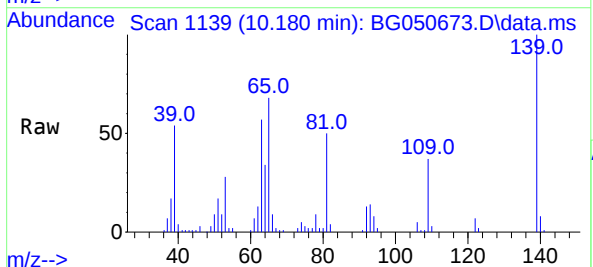
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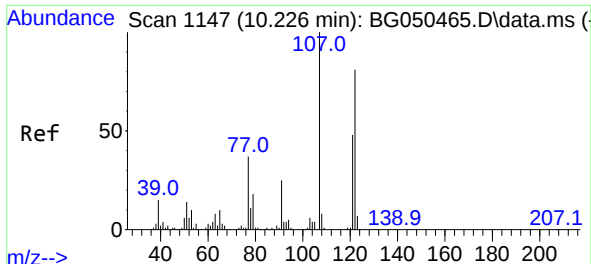
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#26  
2-Nitrophenol  
Concen: 47.68 ng  
RT: 10.180 min Scan# 1139  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

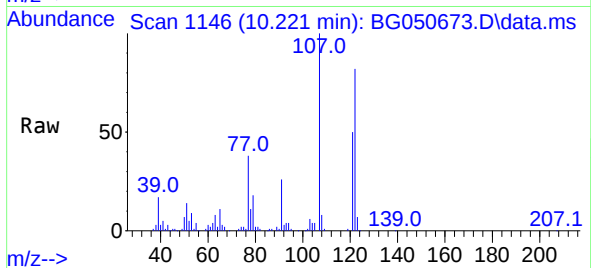
Tgt Ion: 139 Resp: 63096  
Ion Ratio Lower Upper  
139 100  
109 36.9 37.8 56.6#  
65 67.8 51.8 77.8





#27  
2,4-Dimethylphenol  
Concen: 51.27 ng  
RT: 10.221 min Scan# 1146  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

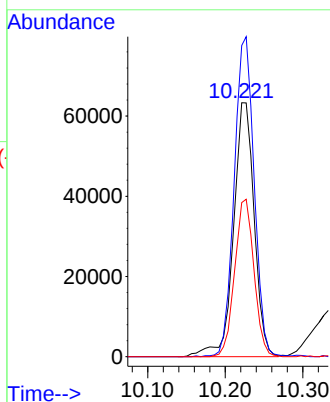
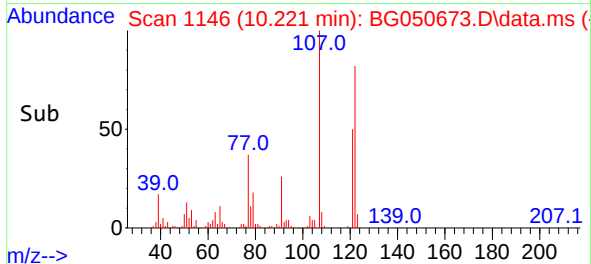
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD



Tgt Ion:122 Resp: 117226  
Ion Ratio Lower Upper  
122 100  
107 122.6 110.1 165.1  
121 60.7 49.0 73.6

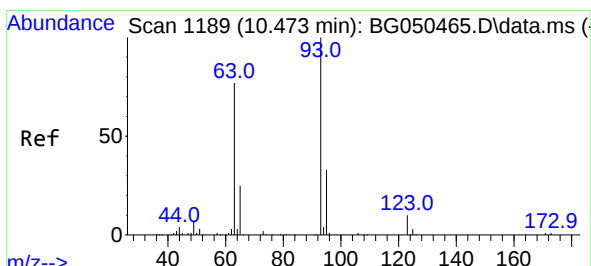
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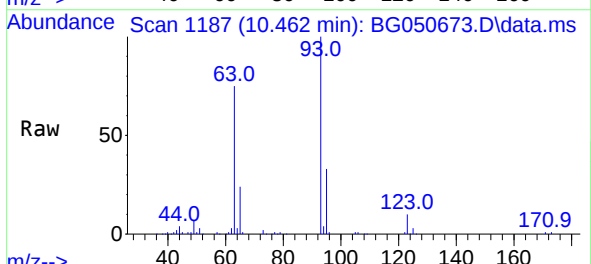


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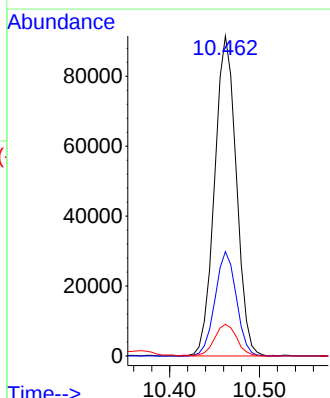
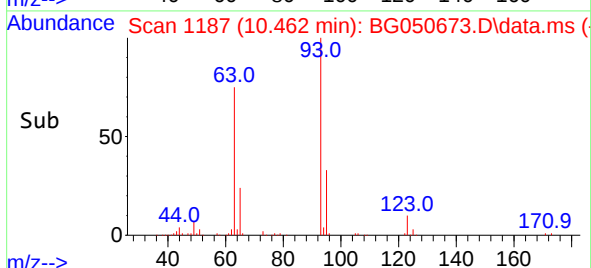
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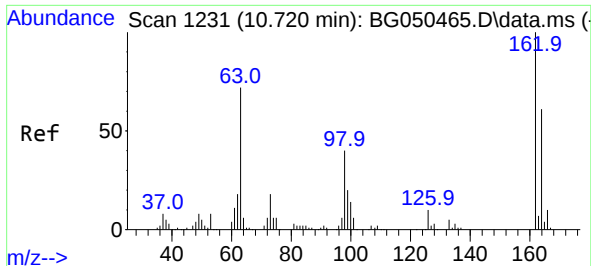


#28  
bis(2-Chloroethoxy)methane  
Concen: 41.80 ng  
RT: 10.462 min Scan# 1187  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion: 93 Resp: 153656  
Ion Ratio Lower Upper  
93 100  
95 32.6 22.2 33.4  
123 9.9 8.8 13.2





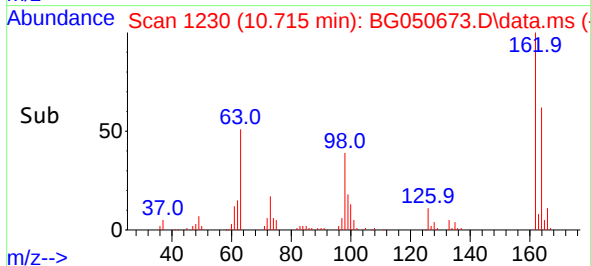
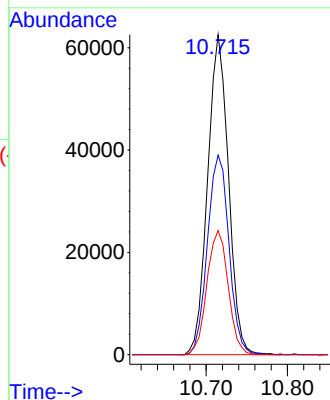
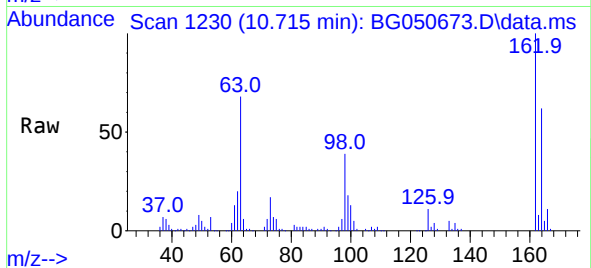
#29  
2,4-Dichlorophenol  
Concen: 47.82 ng  
RT: 10.715 min Scan# 1230  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:162 Resp: 111430  
Ion Ratio Lower Upper  
162 100  
164 62.4 39.4 79.4  
98 38.8 18.7 58.7

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

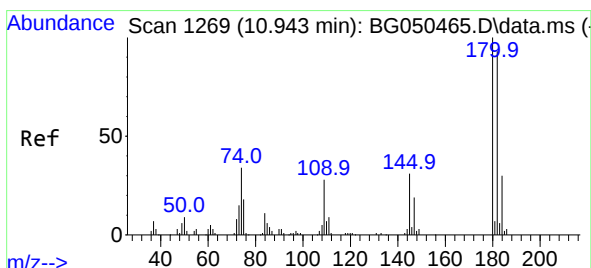
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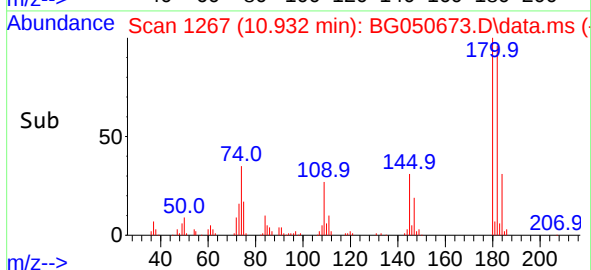
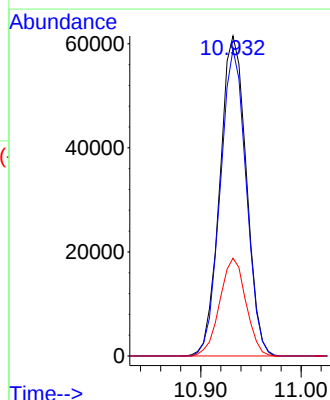
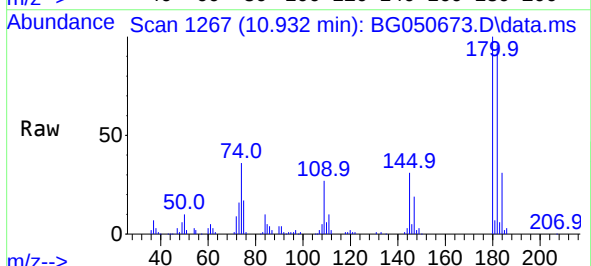
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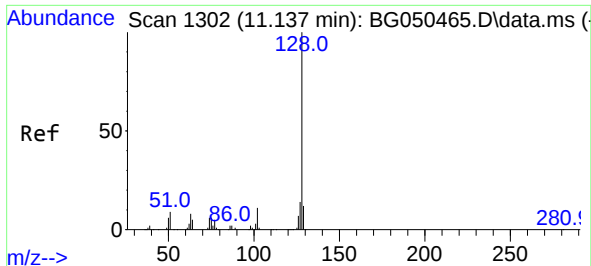
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#30  
1,2,4-Trichlorobenzene  
Concen: 42.37 ng  
RT: 10.932 min Scan# 1267  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:180 Resp: 112141  
Ion Ratio Lower Upper  
180 100  
182 95.8 78.9 118.3  
145 30.5 26.2 39.4





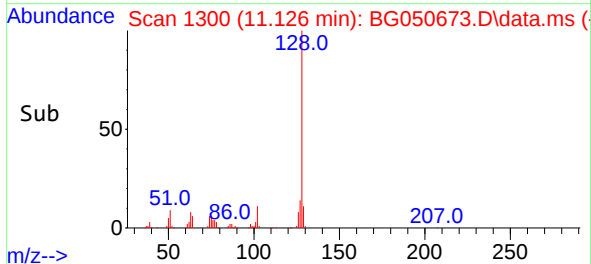
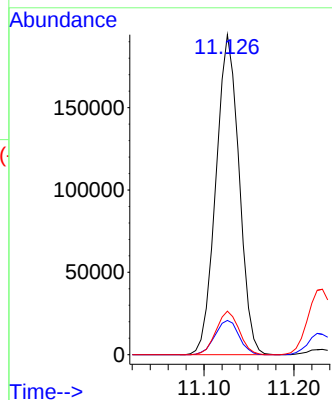
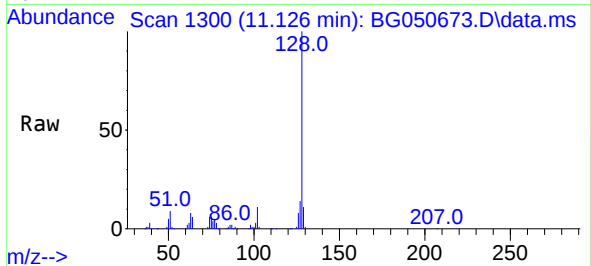
#31  
Naphthalene  
Concen: 43.28 ng  
RT: 11.126 min Scan# 1300  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:128 Resp: 347538  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.5 12.7  
127 13.6 10.2 15.4

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

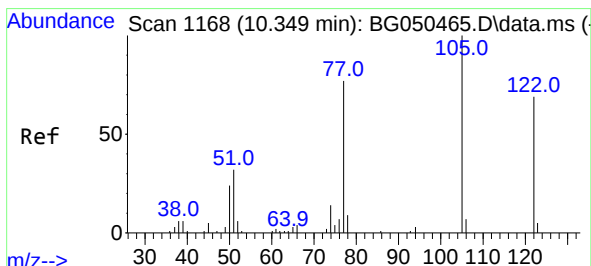
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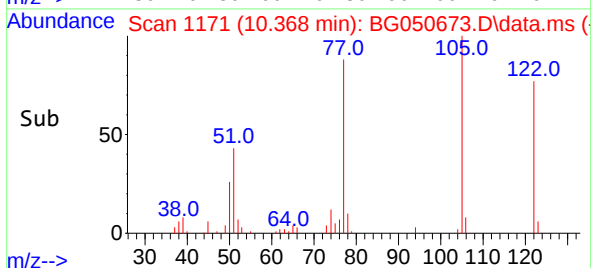
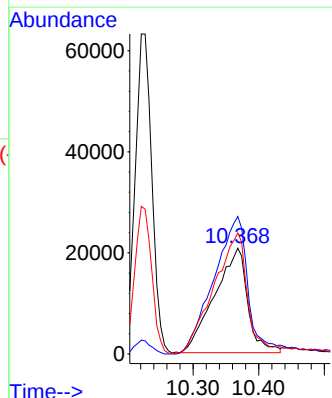
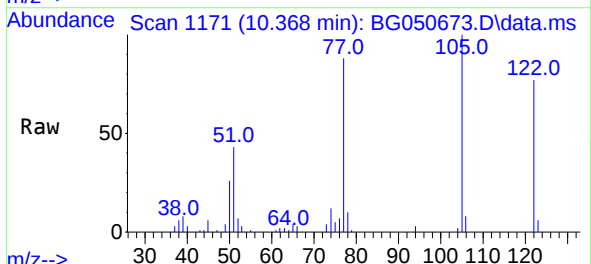
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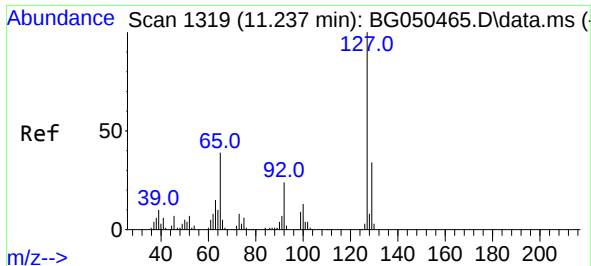
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#32  
Benzoic acid  
Concen: 42.67 ng  
RT: 10.368 min Scan# 1171  
Delta R.T. 0.012 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:122 Resp: 72406  
Ion Ratio Lower Upper  
122 100  
105 129.9 92.3 132.3  
77 114.4 66.5 106.5#





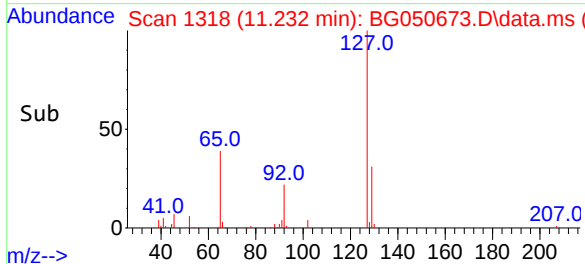
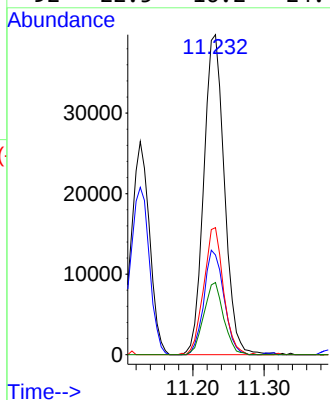
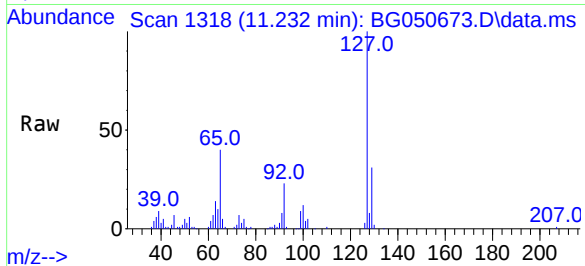
#33  
4-Chloroaniline  
Concen: 23.80 ng  
RT: 11.232 min Scan# 1318  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 80199 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.2  | 26.7  | 40.1  |
| 65        | 39.7  | 32.8  | 49.2  |
| 92        | 22.5  | 16.2  | 24.4  |

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

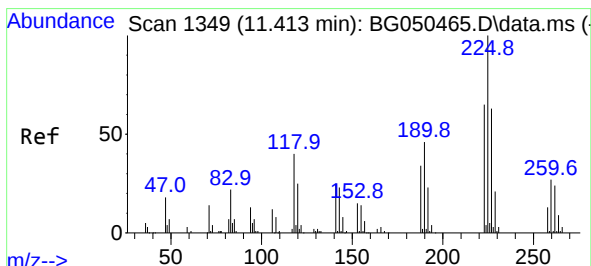
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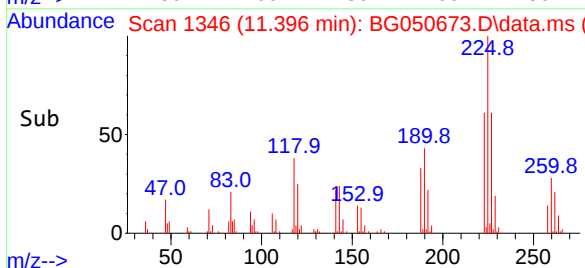
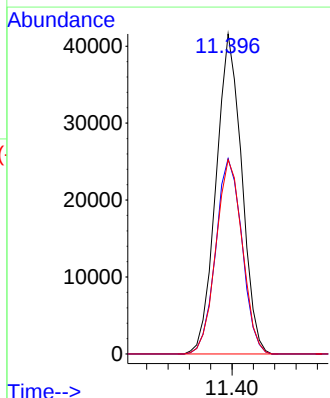
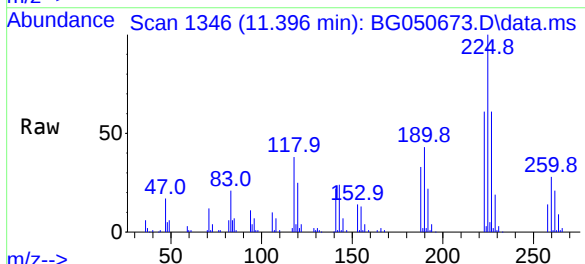
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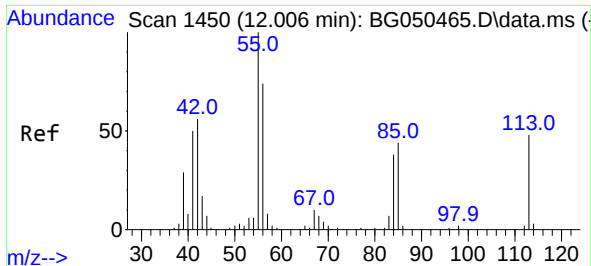
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#34  
Hexachlorobutadiene  
Concen: 41.78 ng  
RT: 11.396 min Scan# 1346  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 69426 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.1  | 49.8  | 74.8  |
| 227       | 60.7  | 46.4  | 69.6  |





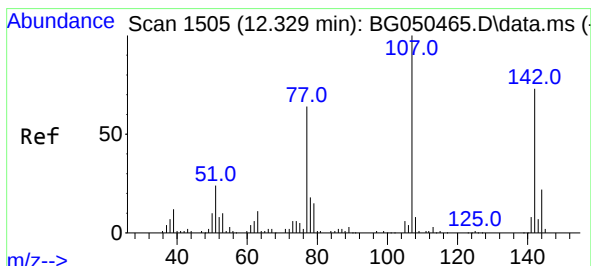
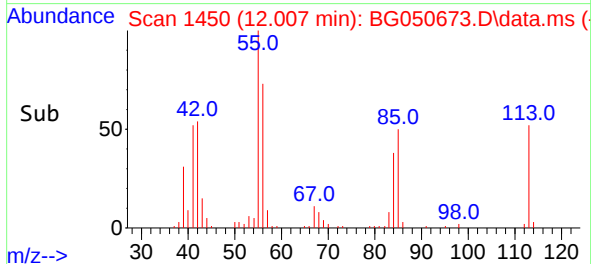
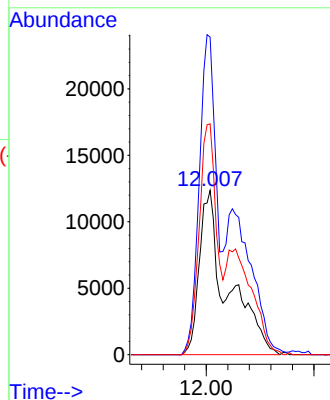
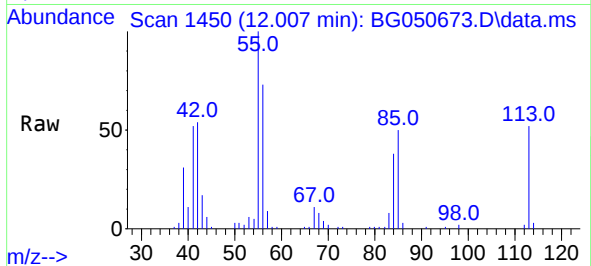
#35  
Caprolactam  
Concen: 50.14 ng m  
RT: 12.007 min Scan# 1450  
Delta R.T. 0.000 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:113 Resp: 44716  
Ion Ratio Lower Upper  
113 100  
55 193.4 113.8 153.8#  
56 140.5 105.6 145.6

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

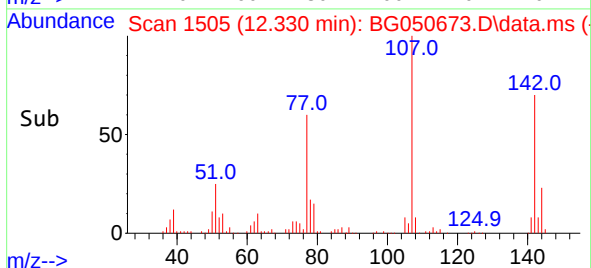
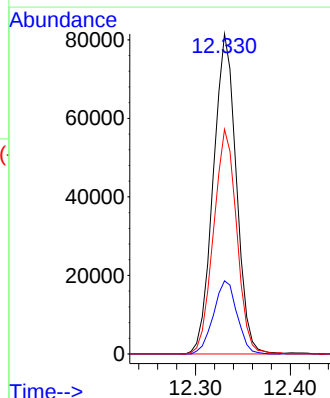
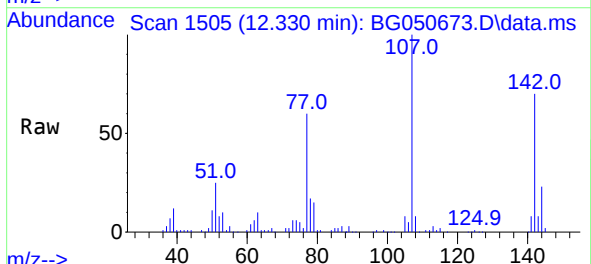
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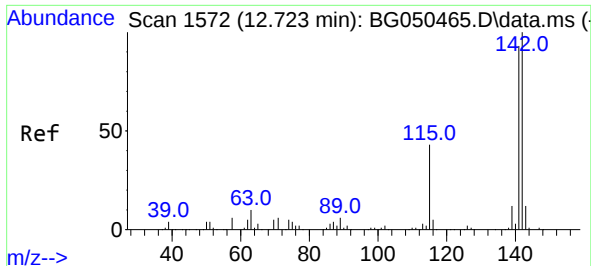
#36  
4-Chloro-3-methylphenol  
Concen: 47.28 ng  
RT: 12.330 min Scan# 1505  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:107 Resp: 137708  
Ion Ratio Lower Upper  
107 100  
144 22.9 24.8 37.2#  
142 70.2 62.2 93.4



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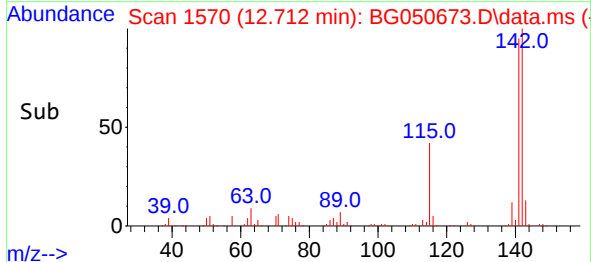
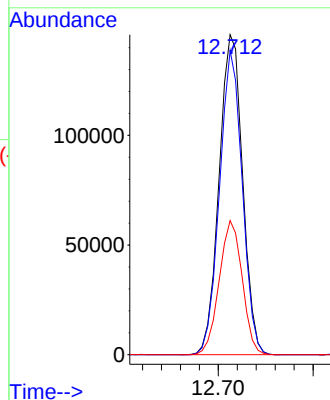
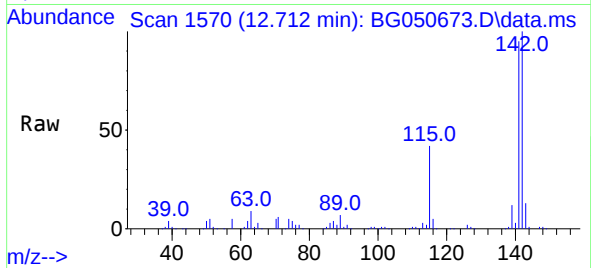
#37  
2-Methylnaphthalene  
Concen: 45.31 ng  
RT: 12.712 min Scan# 1570  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 251069 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 95.1  | 68.8  | 103.2  |
| 115       | 41.9  | 36.4  | 54.6   |

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

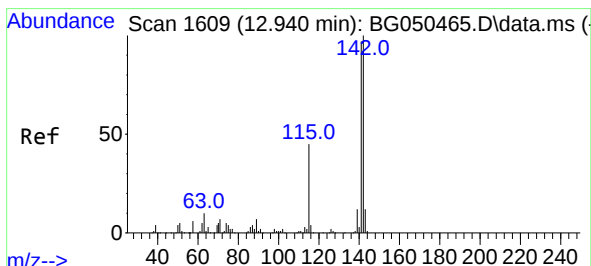
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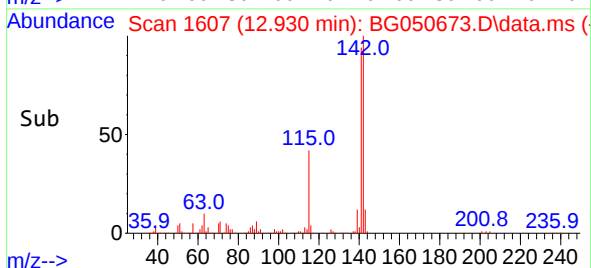
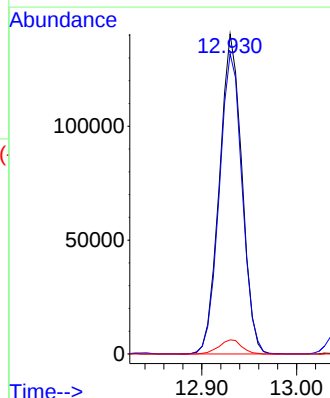
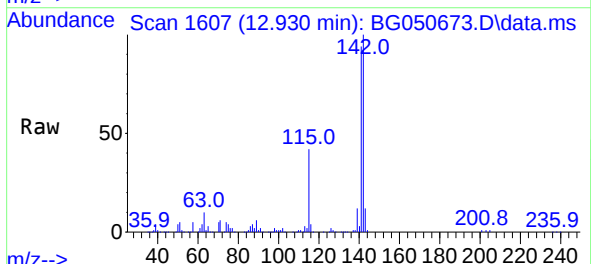
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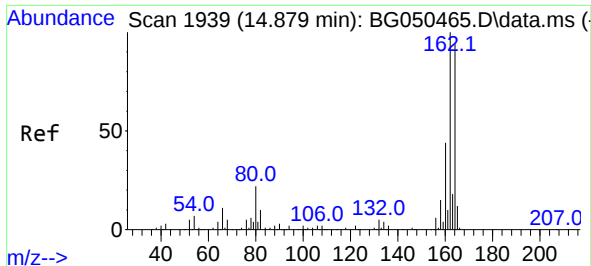
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#38  
1-Methylnaphthalene  
Concen: 43.10 ng  
RT: 12.930 min Scan# 1607  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

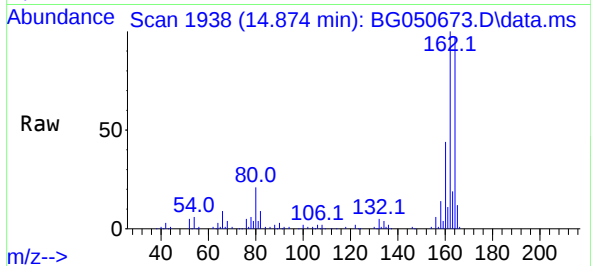
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 231597 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 93.8  | 70.6  | 106.0  |
| 116       | 4.4   | 4.0   | 6.0    |





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.874 min Scan# 1938  
Delta R.T. 0.000 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

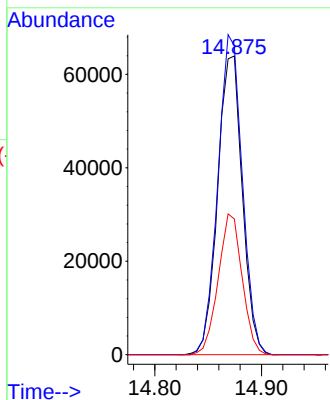
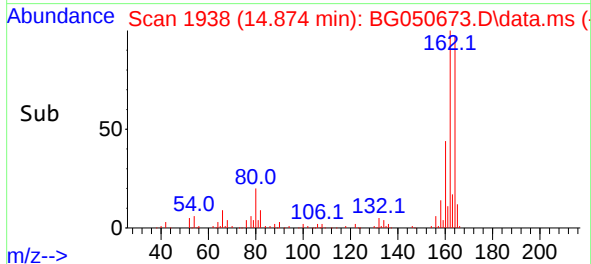
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD



Tgt Ion:164 Resp: 102742  
Ion Ratio Lower Upper  
164 100  
162 103.4 81.4 122.0  
160 45.4 34.9 52.3

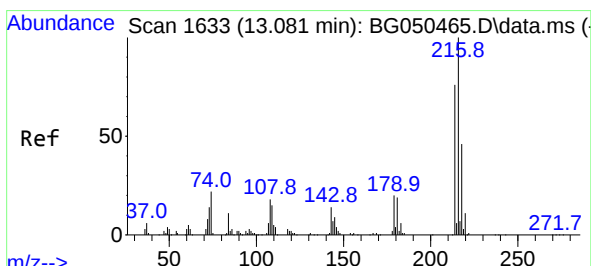
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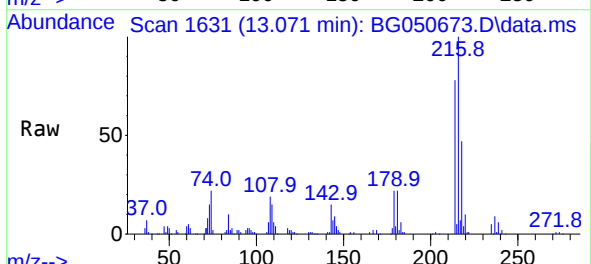


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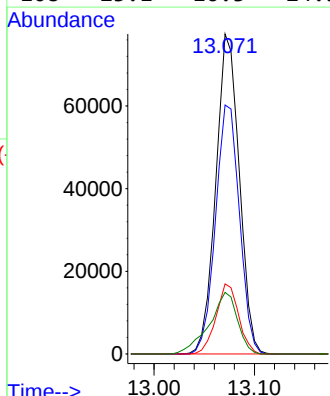
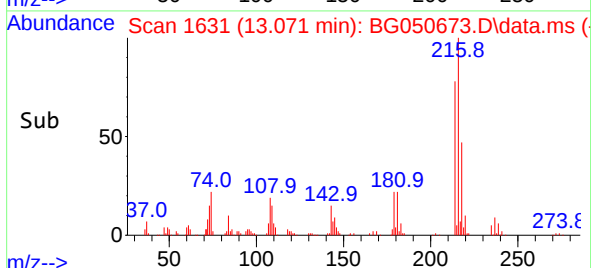
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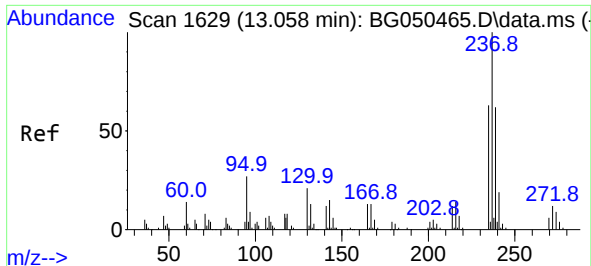


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.38 ng  
RT: 13.071 min Scan# 1631  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

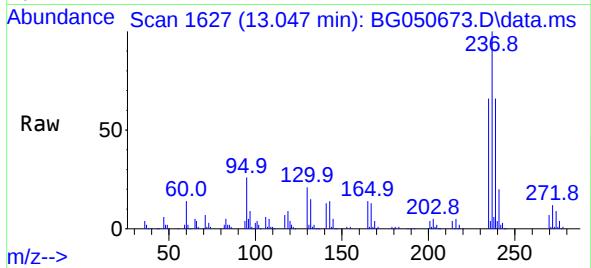


Tgt Ion:216 Resp: 125533  
Ion Ratio Lower Upper  
216 100  
214 79.3 61.4 92.2  
179 21.1 17.3 25.9  
108 23.1 16.3 24.5

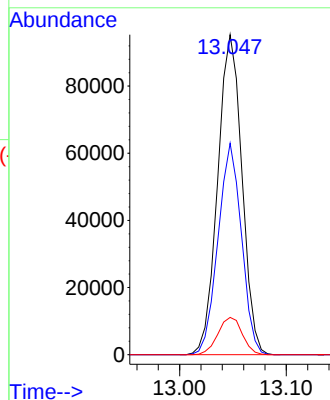
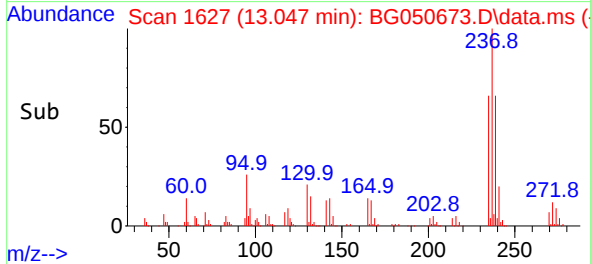




#41  
Hexachlorocyclopentadiene  
Concen: 85.86 ng  
RT: 13.047 min Scan# 1627  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion:237 Resp: 150560  
Ion Ratio Lower Upper  
237 100  
235 66.1 36.6 76.6  
272 11.7 0.0 32.5



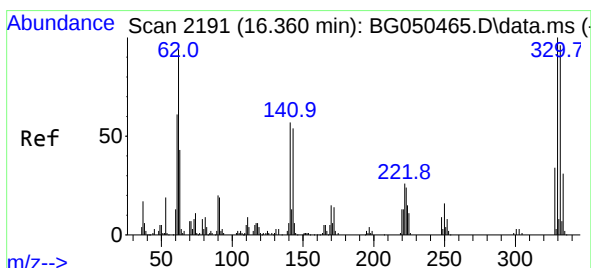
Instrument :  
BNA\_G  
ClientSampled :  
TH-CDMSD

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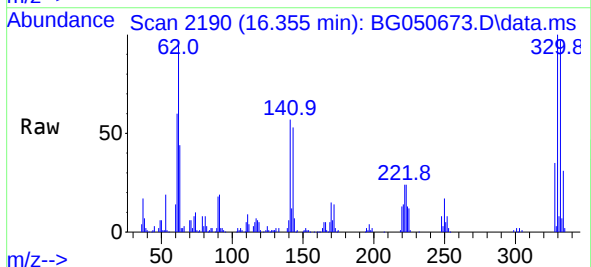
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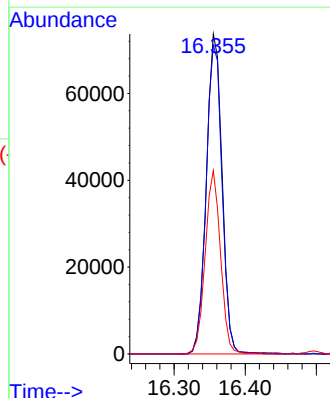
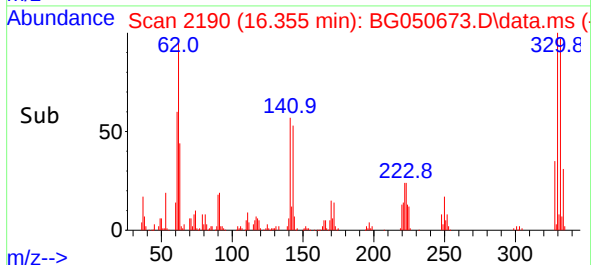
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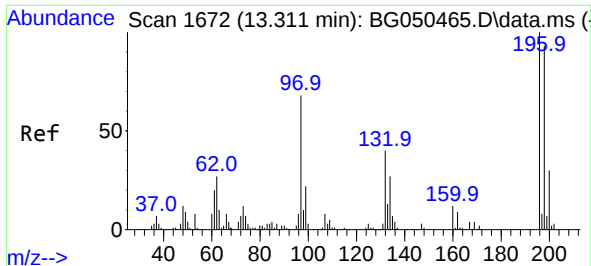


#42  
2,4,6-Tribromophenol  
Concen: 116.29 ng  
RT: 16.355 min Scan# 2190  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion:330 Resp: 113962  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.3 115.9  
141 55.6 35.6 53.4#





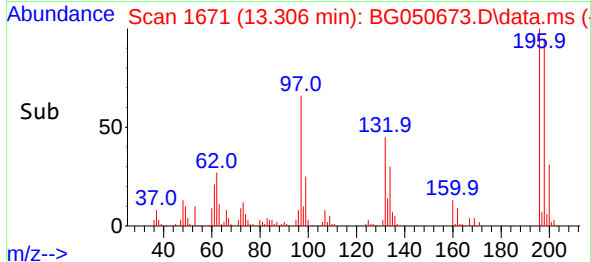
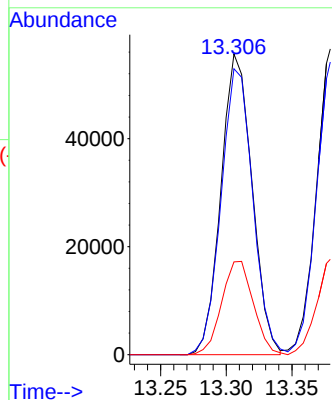
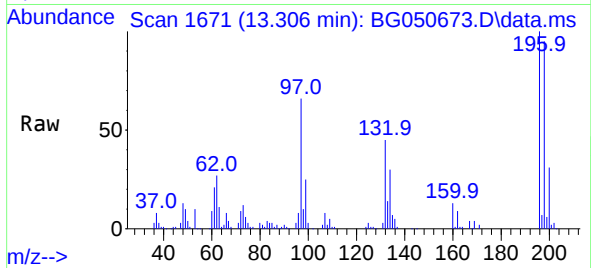
#43  
2,4,6-Trichlorophenol  
Concen: 42.96 ng  
RT: 13.306 min Scan# 1671  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:196 Resp: 91839  
Ion Ratio Lower Upper  
196 100  
198 95.1 82.1 123.1  
200 30.9 23.8 35.8

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

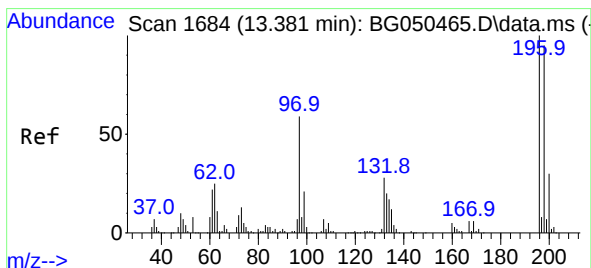
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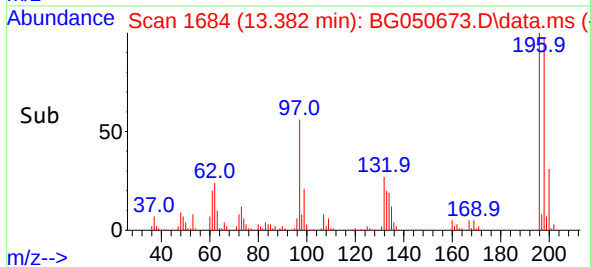
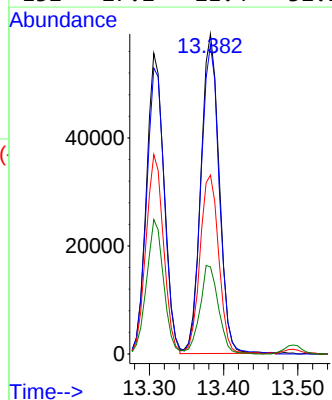
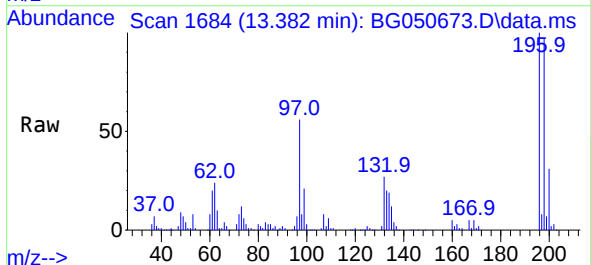
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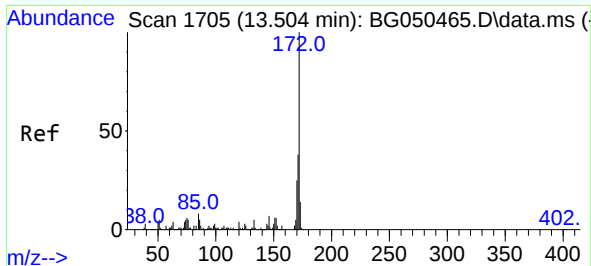
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#44  
2,4,5-Trichlorophenol  
Concen: 45.36 ng  
RT: 13.382 min Scan# 1684  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:196 Resp: 101383  
Ion Ratio Lower Upper  
196 100  
198 96.6 87.4 131.0  
97 55.9 43.3 64.9  
132 27.2 21.4 32.2





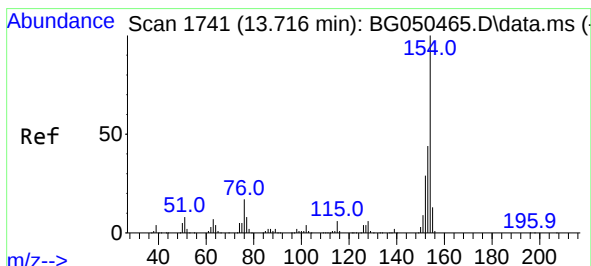
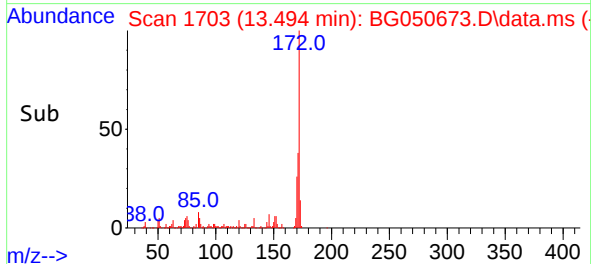
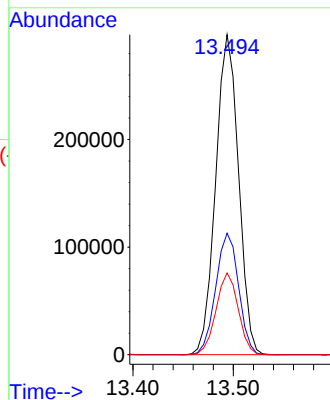
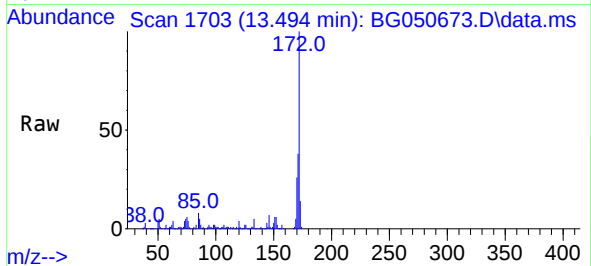
#45  
2-Fluorobiphenyl  
Concen: 68.81 ng  
RT: 13.494 min Scan# 1703  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:172 Resp: 469742  
Ion Ratio Lower Upper  
172 100  
171 37.9 28.6 43.0  
170 25.5 18.6 27.8

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

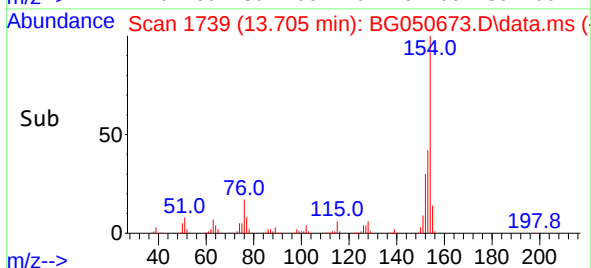
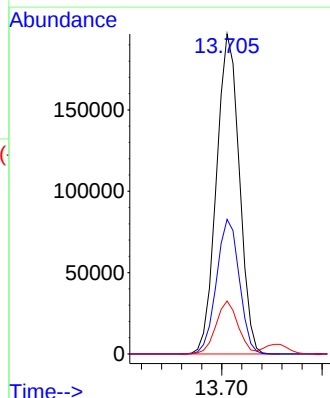
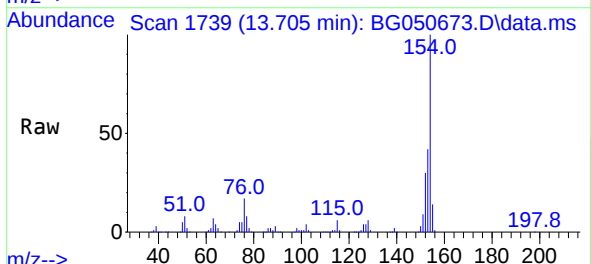
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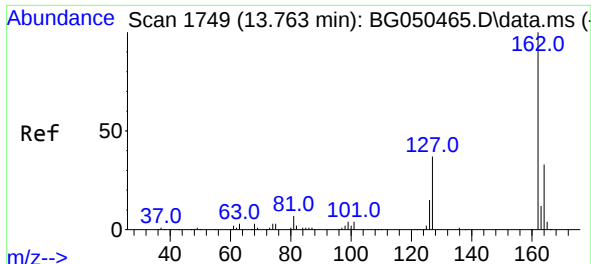
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#46  
1,1'-Biphenyl  
Concen: 41.41 ng  
RT: 13.705 min Scan# 1739  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

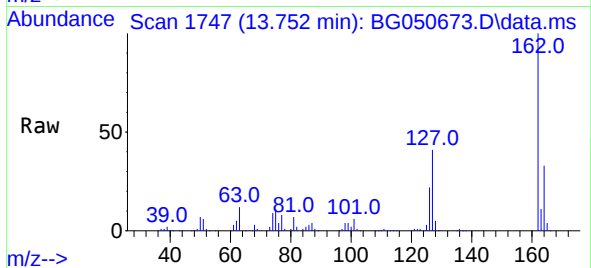
Tgt Ion:154 Resp: 310295  
Ion Ratio Lower Upper  
154 100  
153 42.0 20.5 60.5  
76 16.6 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 43.01 ng  
RT: 13.752 min Scan# 1747  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

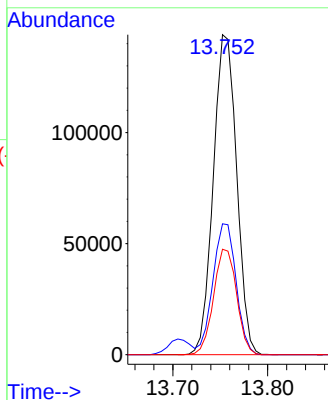
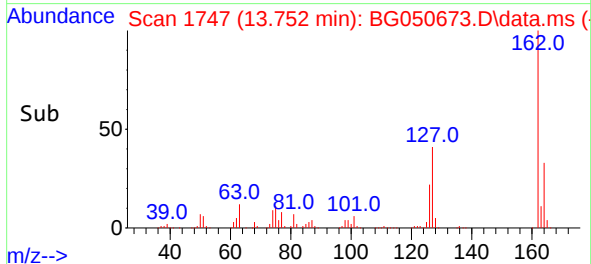
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD



Tgt Ion:162 Resp: 247494  
Ion Ratio Lower Upper  
162 100  
127 40.9 32.7 49.1  
164 33.0 27.0 40.4

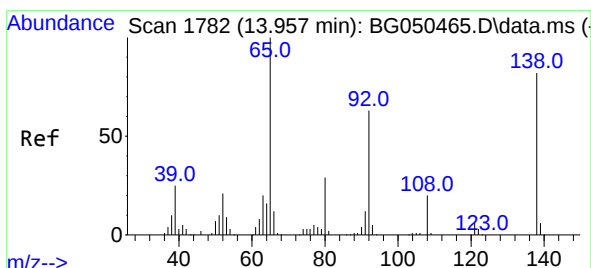
Manual Integrations  
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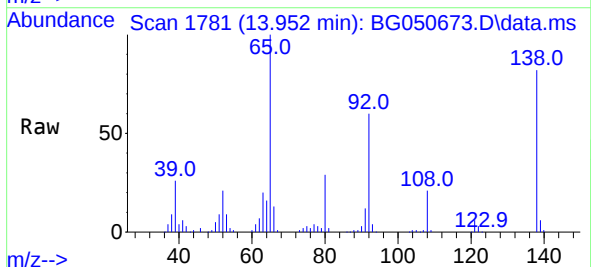


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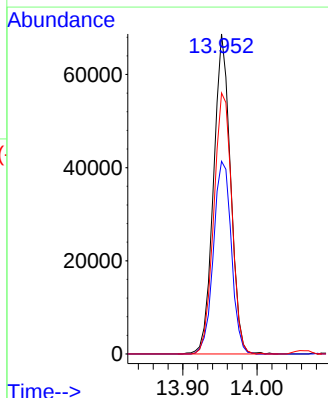
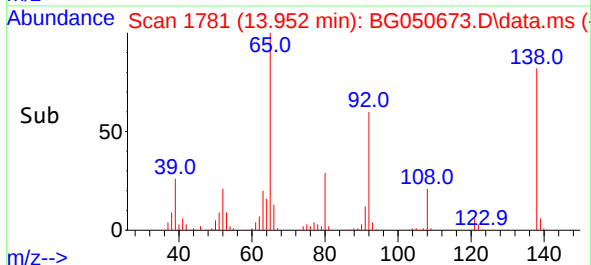
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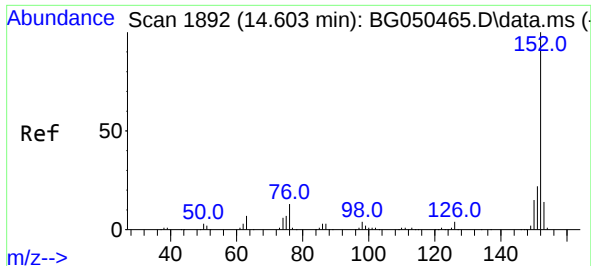


#48  
2-Nitroaniline  
Concen: 47.84 ng  
RT: 13.952 min Scan# 1781  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

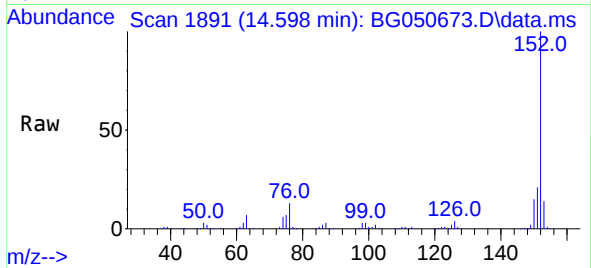


Tgt Ion: 65 Resp: 109504  
Ion Ratio Lower Upper  
65 100  
92 60.2 47.2 70.8  
138 81.6 68.0 102.0

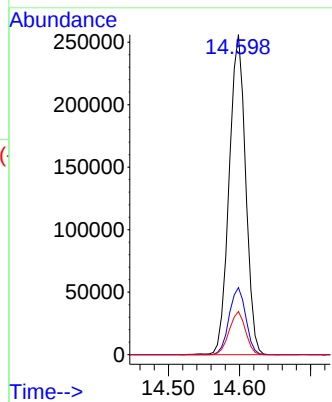
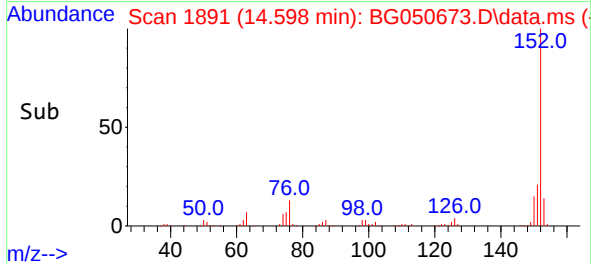




#49  
Acenaphthylene  
Concen: 43.54 ng  
RT: 14.598 min Scan# 1891  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion:152 Resp: 410490  
Ion Ratio Lower Upper  
152 100  
151 20.9 18.2 27.4  
153 13.5 11.7 17.5



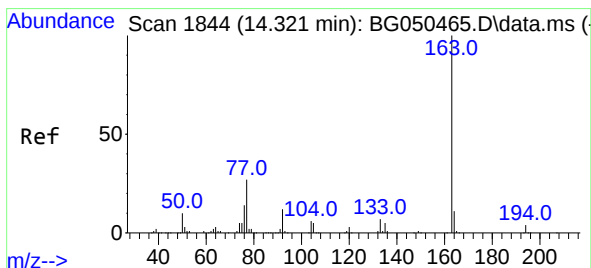
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

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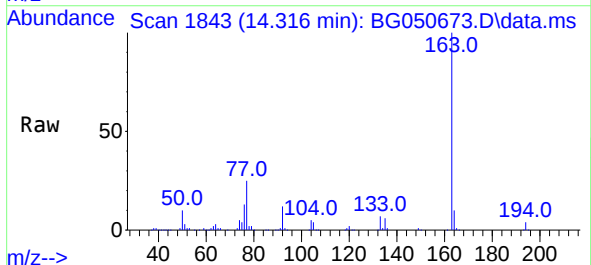
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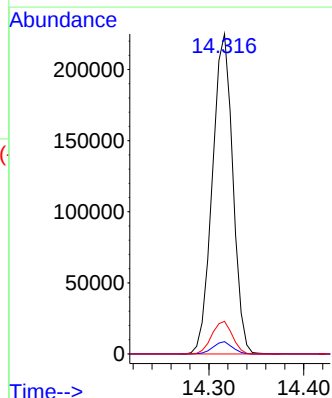
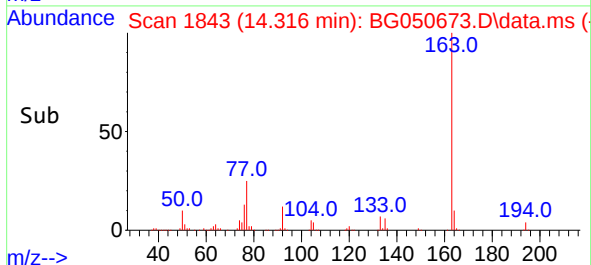
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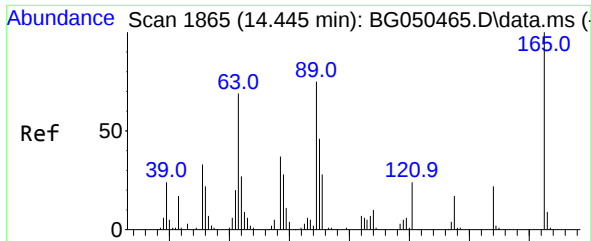


#50  
Dimethylphthalate  
Concen: 43.35 ng  
RT: 14.316 min Scan# 1843  
Delta R.T. -0.006 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

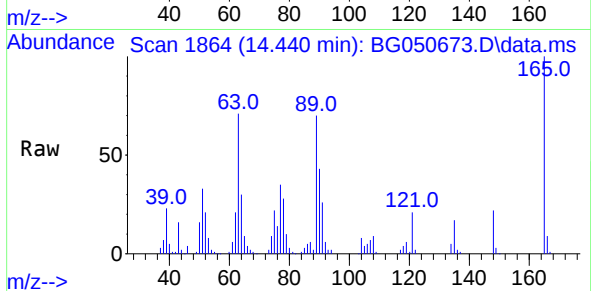


Tgt Ion:163 Resp: 336669  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.6  
164 10.2 8.6 12.8

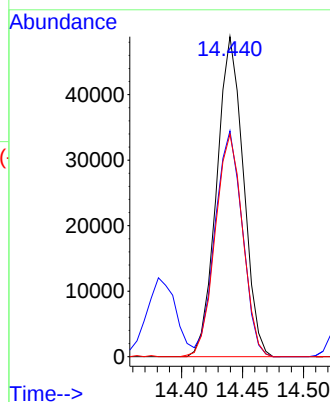
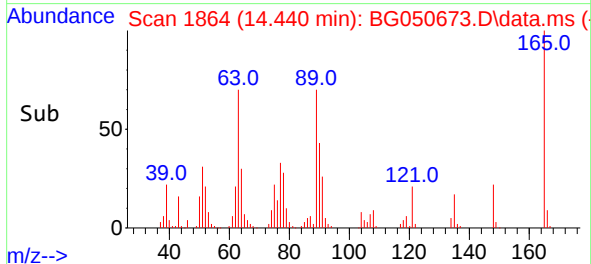




#51  
2,6-Dinitrotoluene  
Concen: 47.89 ng  
RT: 14.440 min Scan# 1864  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion:165 Resp: 74491  
Ion Ratio Lower Upper  
165 100  
63 70.5 63.3 94.9  
89 69.5 63.4 95.0



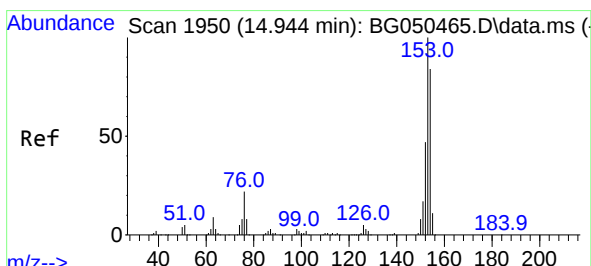
Instrument :  
BNA\_G  
ClientSampled :  
TH-CDMSD

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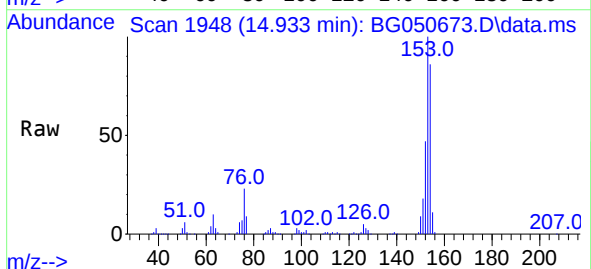
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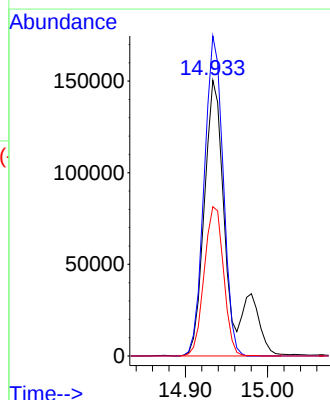
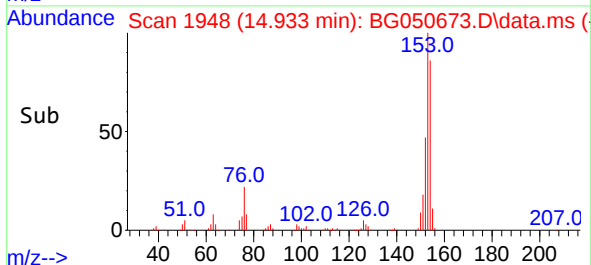
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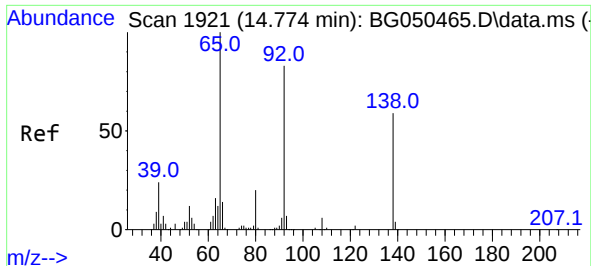


#52  
Acenaphthene  
Concen: 48.38 ng m  
RT: 14.933 min Scan# 1948  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion:154 Resp: 293096  
Ion Ratio Lower Upper  
154 100  
153 116.1 87.0 130.4  
152 54.2 40.1 60.1





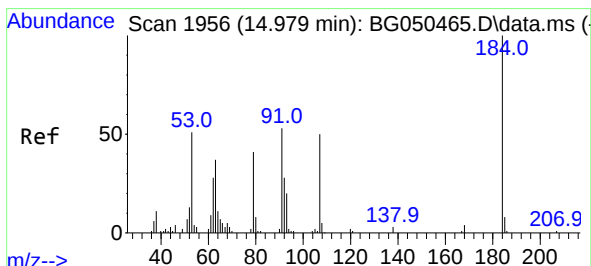
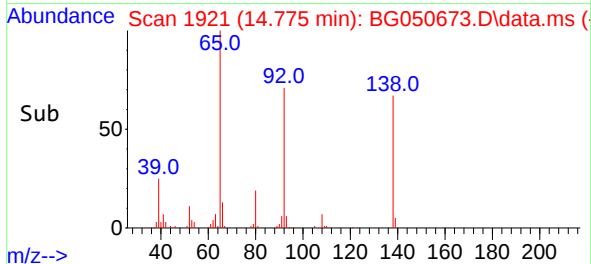
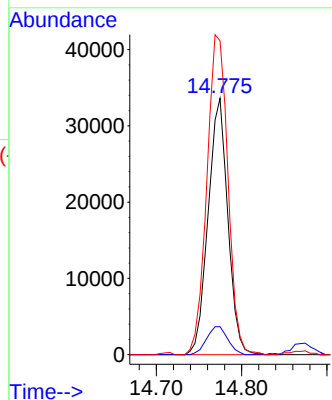
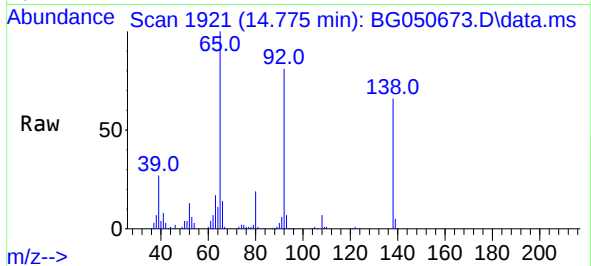
#53  
3-Nitroaniline  
Concen: 29.42 ng  
RT: 14.775 min Scan# 1921  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 138   | Resp: | 54131 |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 108      | 10.9  | 8.3   | 12.5  |
| 92       | 122.4 | 96.4  | 144.6 |

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

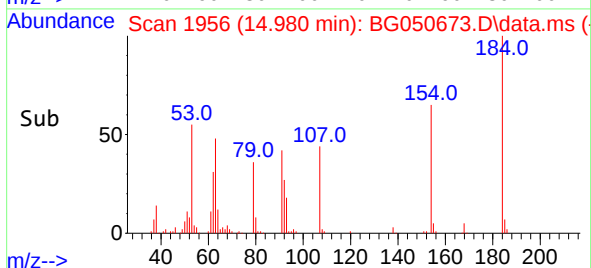
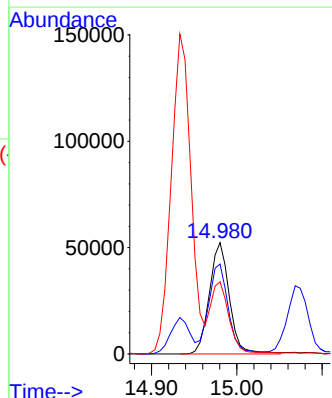
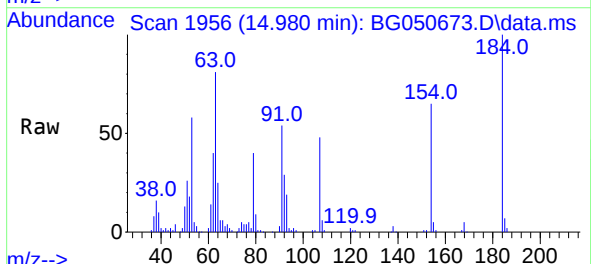
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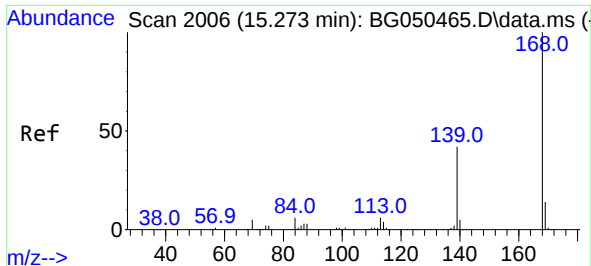
#54  
2,4-Dinitrophenol  
Concen: 88.11 ng  
RT: 14.980 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 184   | Resp: | 85024 |
| Ion      | Ratio | Lower | Upper |
| 184      | 100   |       |       |
| 63       | 80.7  | 68.3  | 102.5 |
| 154      | 64.8  | 62.6  | 93.8  |



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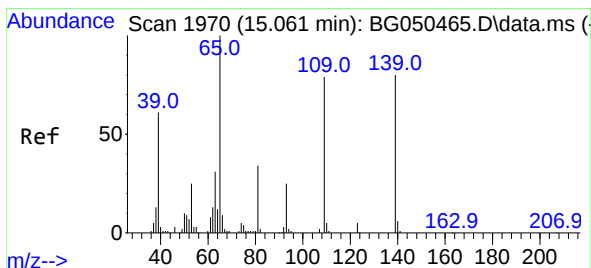
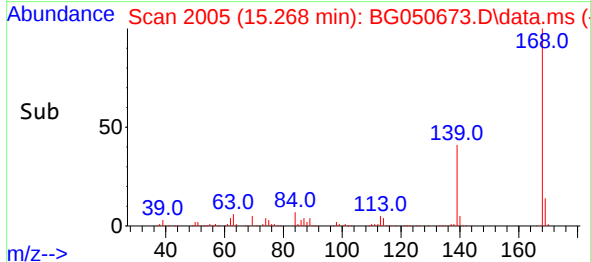
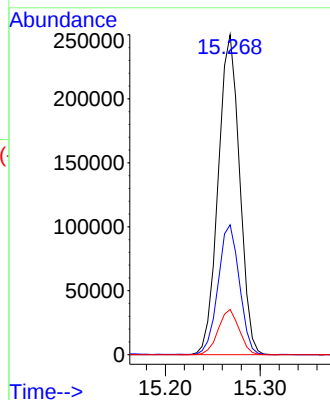
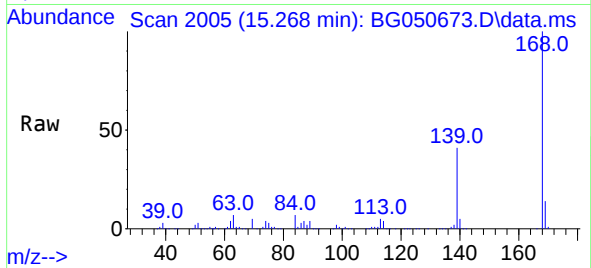
#55  
Dibenzenofuran  
Concen: 41.91 ng  
RT: 15.268 min Scan# 2005  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:168 Resp: 392743  
Ion Ratio Lower Upper  
168 100  
139 40.6 33.4 50.2  
169 14.2 12.3 18.5

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

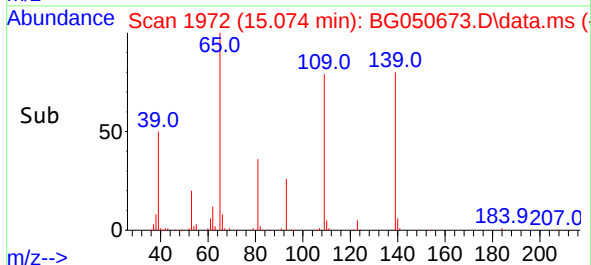
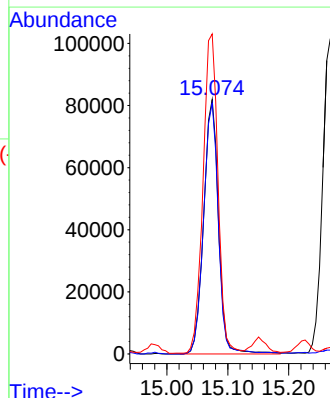
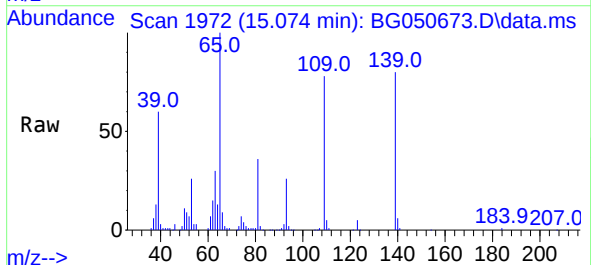
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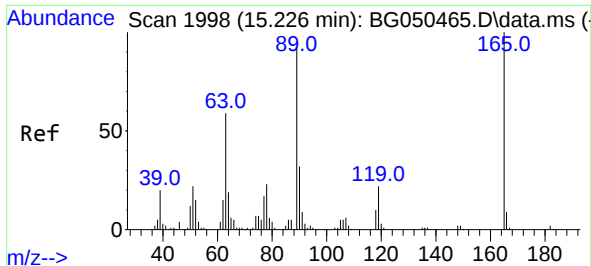
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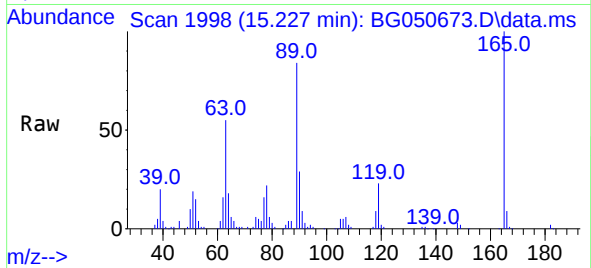
#56  
4-Nitrophenol  
Concen: 94.00 ng  
RT: 15.074 min Scan# 1972  
Delta R.T. 0.006 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:139 Resp: 139123  
Ion Ratio Lower Upper  
139 100  
109 98.6 116.3 156.3#  
65 125.8 105.0 145.0

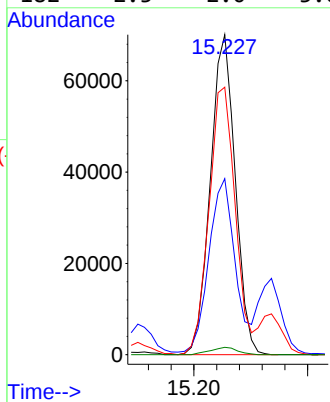
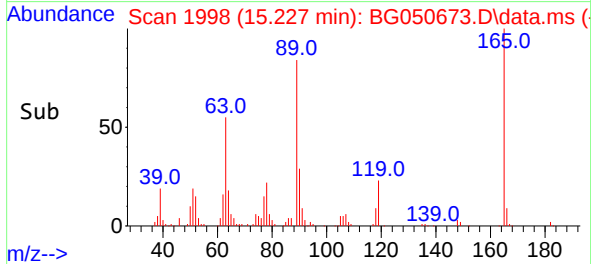




#57  
2,4-Dinitrotoluene  
Concen: 48.55 ng  
RT: 15.227 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion:165 Resp: 106447  
Ion Ratio Lower Upper  
165 100  
63 55.0 48.0 72.0  
89 83.6 65.4 98.0  
182 2.3 2.0 3.0



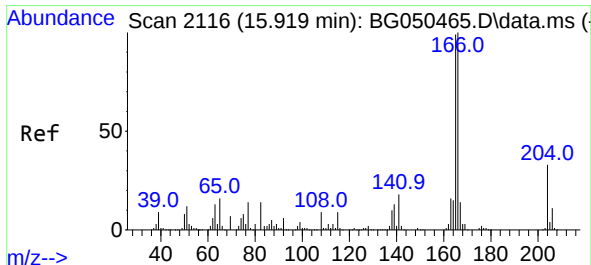
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BNA\_G  
ClientSampleId :  
TH-CDMSD

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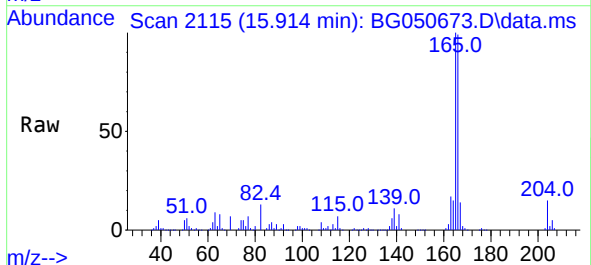
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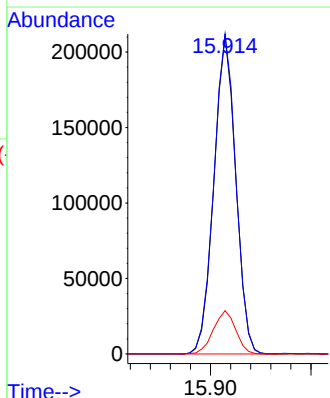
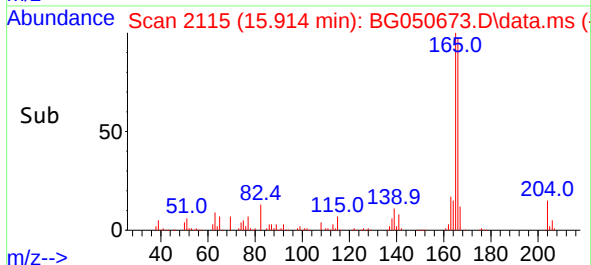
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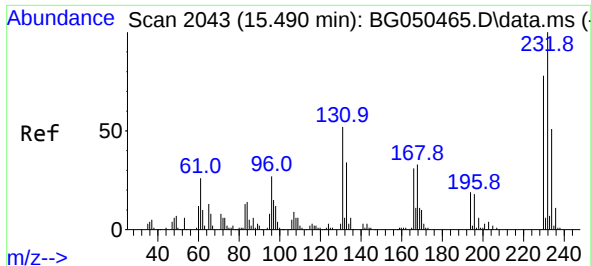


#58  
Fluorene  
Concen: 44.00 ng  
RT: 15.914 min Scan# 2115  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

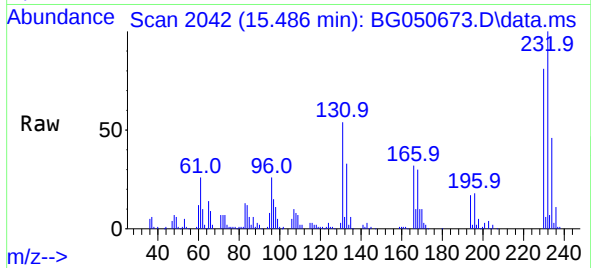


Tgt Ion:166 Resp: 316695  
Ion Ratio Lower Upper  
166 100  
165 100.8 77.7 116.5  
167 13.6 10.8 16.2

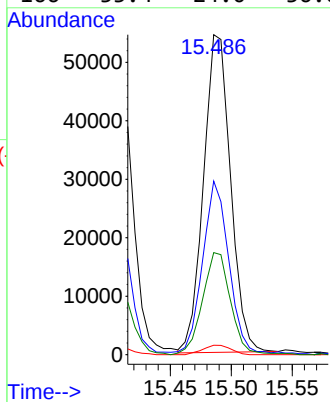
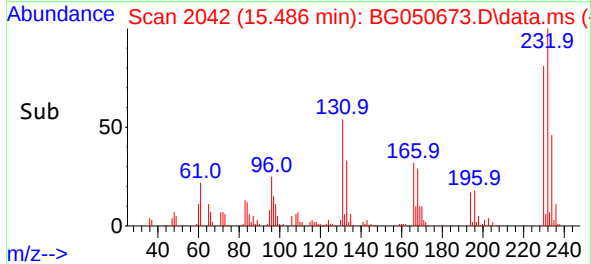




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.07 ng  
RT: 15.486 min Scan# 2042  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion:232 Resp: 83861  
Ion Ratio Lower Upper  
232 100  
131 53.9 37.2 55.8  
130 3.1 2.8 4.2  
166 33.4 24.0 36.0



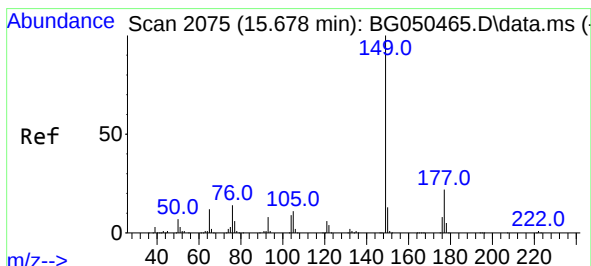
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

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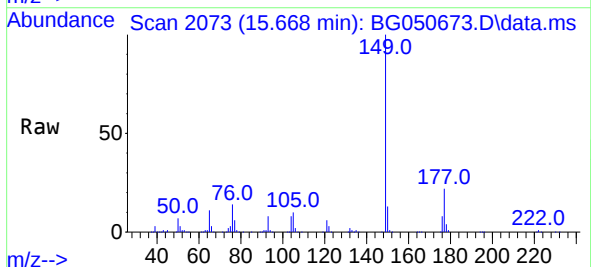
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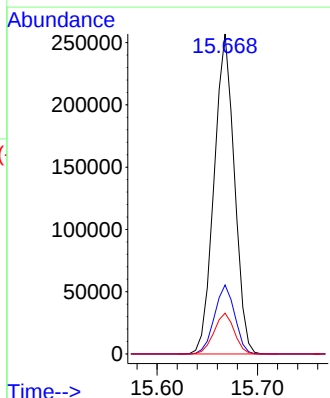
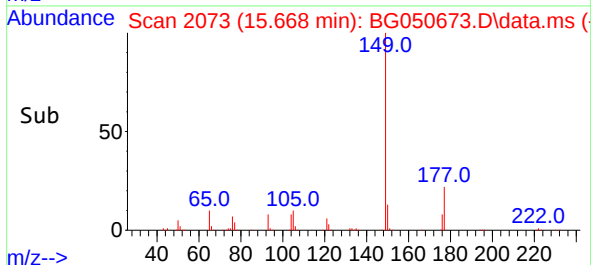
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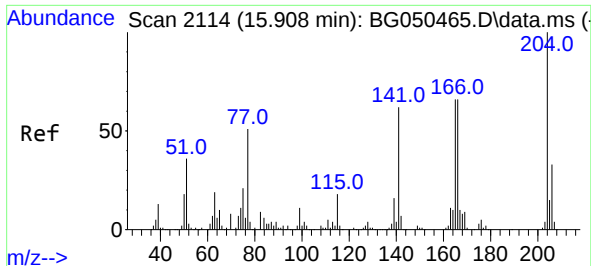


#60  
Diethylphthalate  
Concen: 44.12 ng  
RT: 15.668 min Scan# 2073  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion:149 Resp: 359976  
Ion Ratio Lower Upper  
149 100  
177 21.6 19.0 28.6  
150 12.7 10.2 15.4





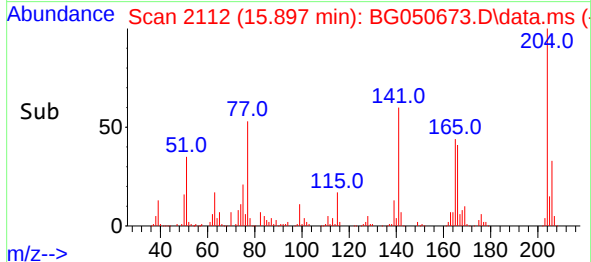
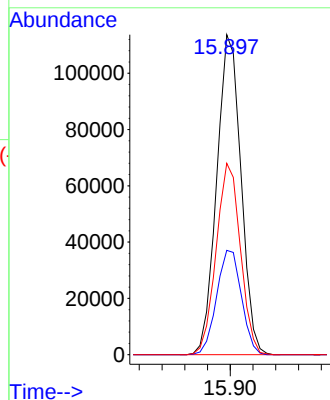
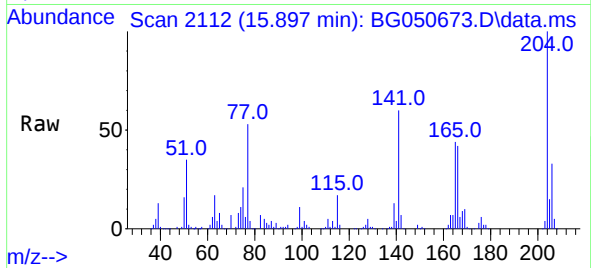
#61  
4-Chlorophenyl-phenylether  
Concen: 42.76 ng  
RT: 15.897 min Scan# 2112  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:204 Resp: 168414  
Ion Ratio Lower Upper  
204 100  
206 32.6 24.6 37.0  
141 59.8 47.8 71.8

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

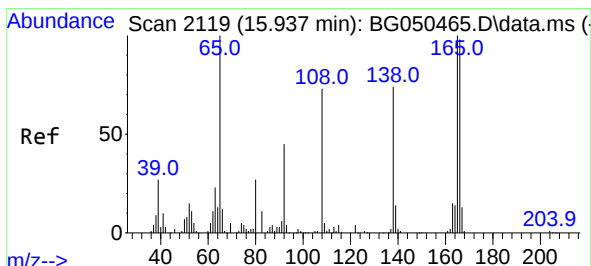
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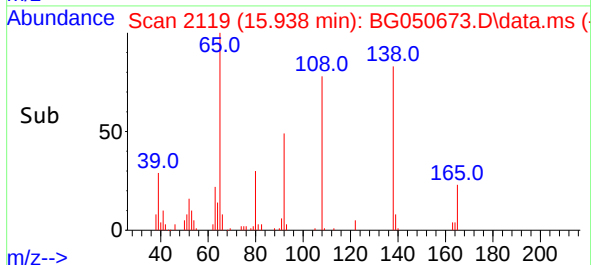
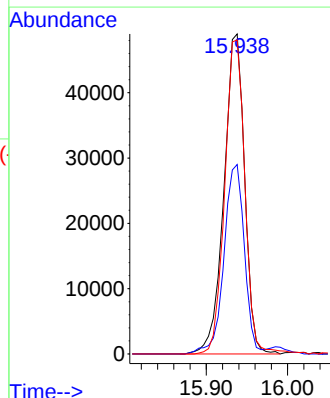
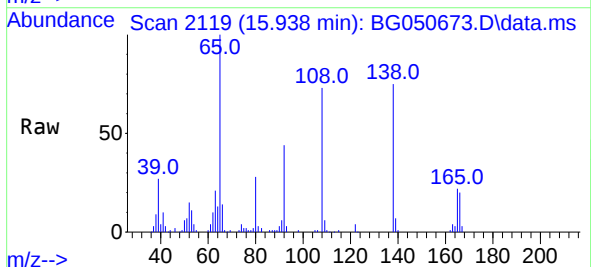
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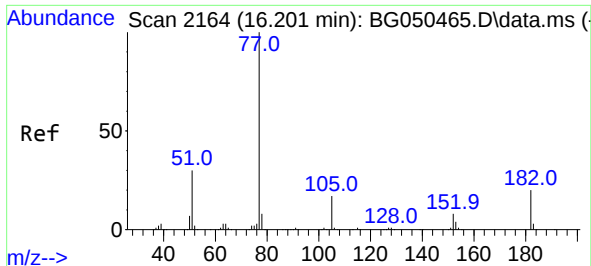
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#62  
4-Nitroaniline  
Concen: 45.17 ng  
RT: 15.938 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:138 Resp: 86470  
Ion Ratio Lower Upper  
138 100  
92 59.2 32.3 72.3  
108 98.2 132.4 172.4#





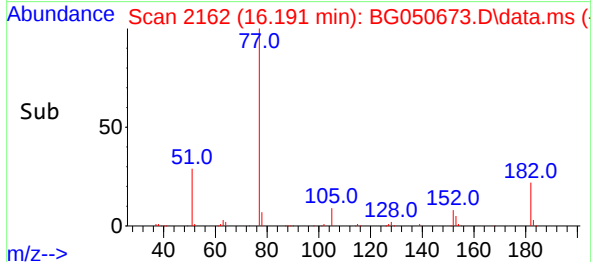
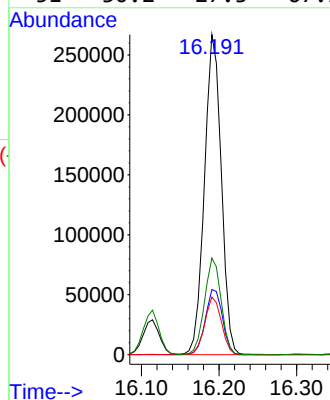
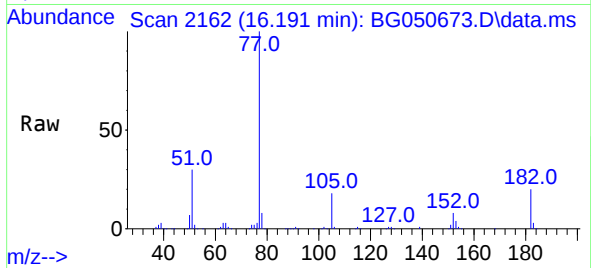
#63  
Azobenzene  
Concen: 42.65 ng  
RT: 16.191 min Scan# 2162  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 402806 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 20.4    | 7.9 47.9     |
| 105 18.0    | 0.0 37.9     |
| 51 30.2     | 27.3 67.3    |

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

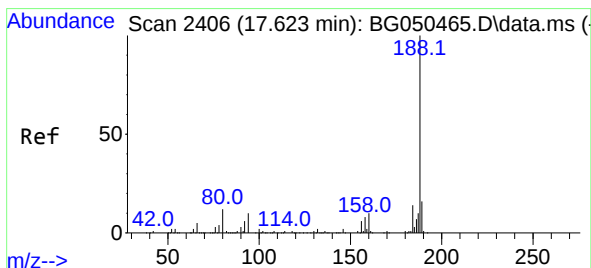
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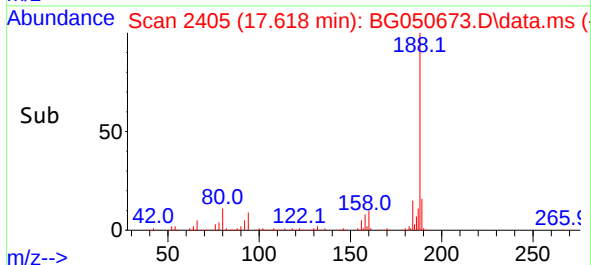
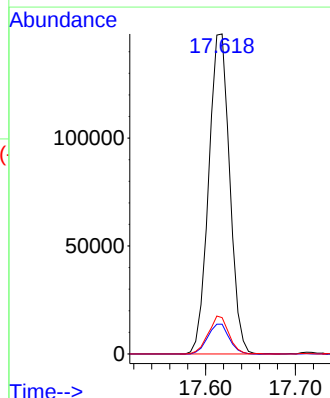
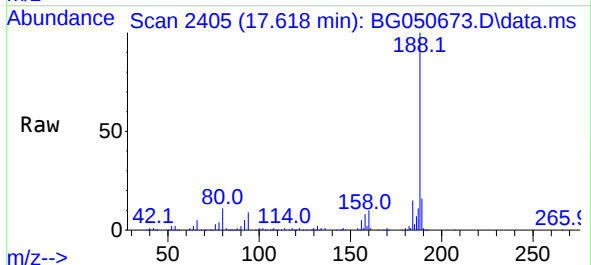
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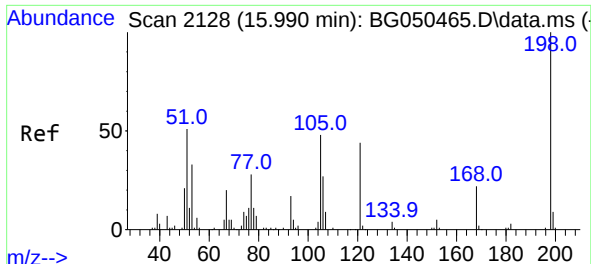
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#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.618 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 240405 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 9.3      | 5.4 8.0#     |
| 80 11.4     | 3.7 5.5#     |





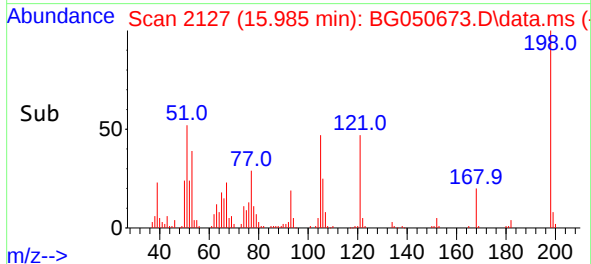
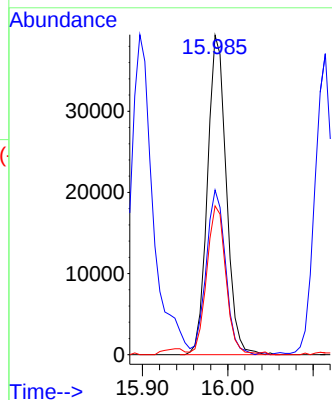
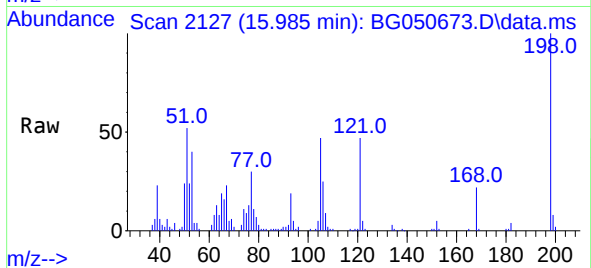
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.76 ng  
RT: 15.985 min Scan# 2127  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:198 Resp: 60295  
Ion Ratio Lower Upper  
198 100  
51 51.6 29.4 69.4  
105 46.6 15.1 55.1

Instrument :  
BNA\_G  
ClientSampleId :  
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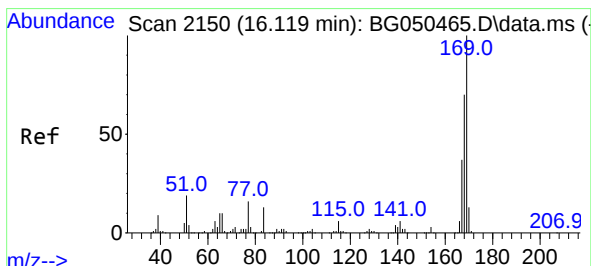
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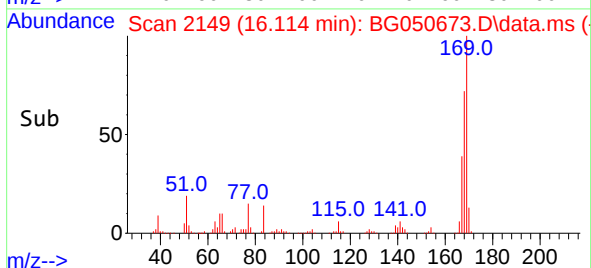
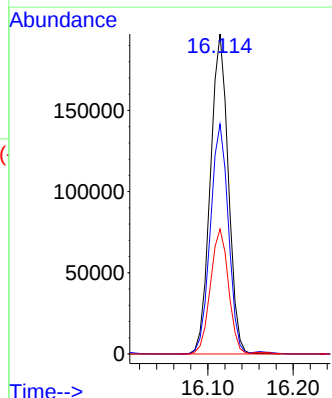
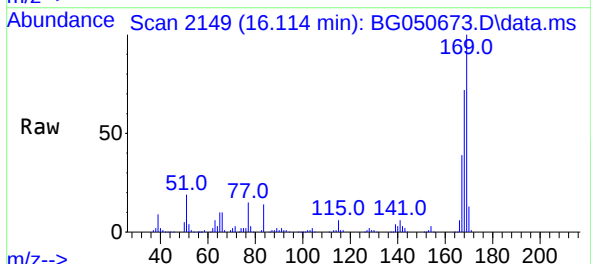
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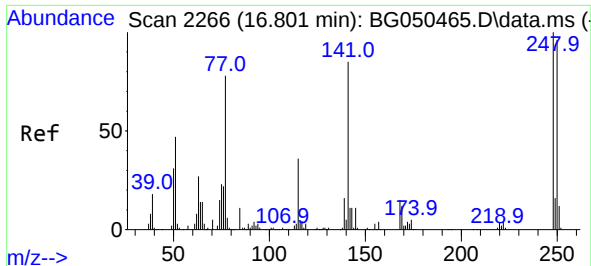
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#66  
n-Nitrosodiphenylamine  
Concen: 42.15 ng  
RT: 16.114 min Scan# 2149  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:169 Resp: 287894  
Ion Ratio Lower Upper  
169 100  
168 71.8 56.3 84.5  
167 39.0 28.4 42.6





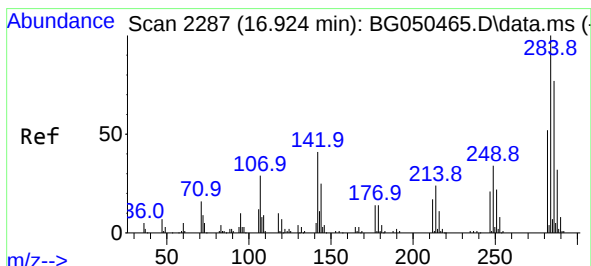
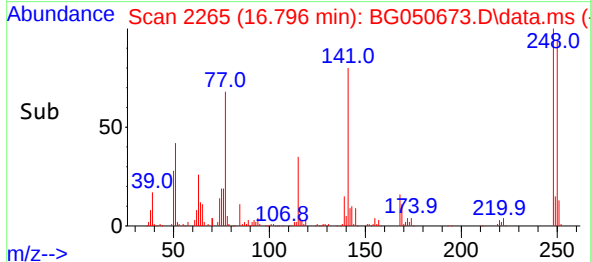
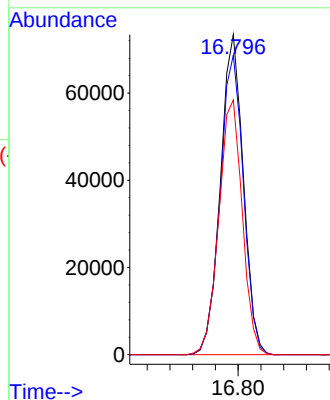
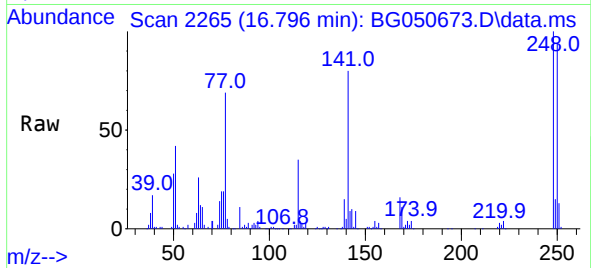
#67  
4-Bromophenyl-phenylether  
Concen: 42.43 ng  
RT: 16.796 min Scan# 2265  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:248 Resp: 102799  
Ion Ratio Lower Upper  
248 100  
250 93.6 76.1 114.1  
141 79.6 65.4 98.2

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

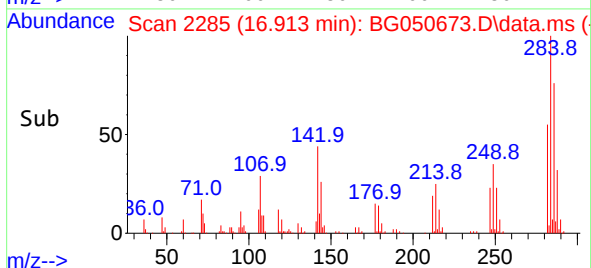
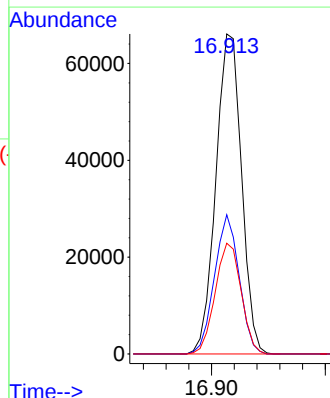
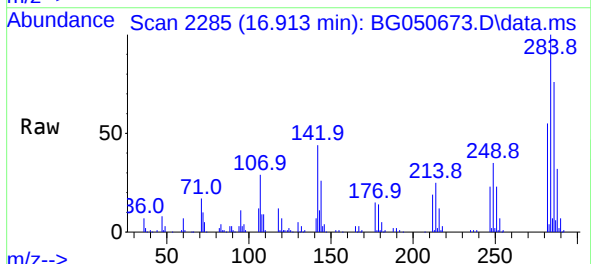
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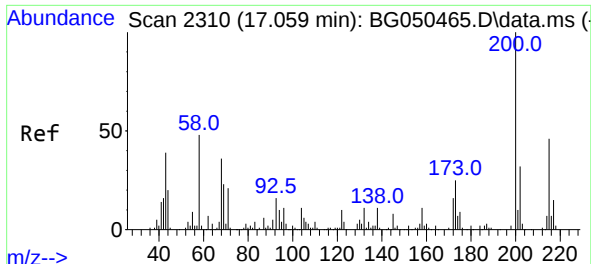
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#68  
Hexachlorobenzene  
Concen: 43.05 ng  
RT: 16.913 min Scan# 2285  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:284 Resp: 103648  
Ion Ratio Lower Upper  
284 100  
142 43.5 27.0 40.6#  
249 34.6 28.2 42.2





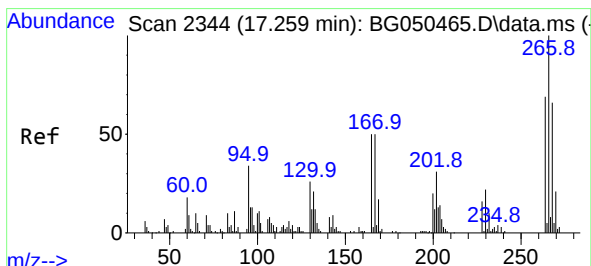
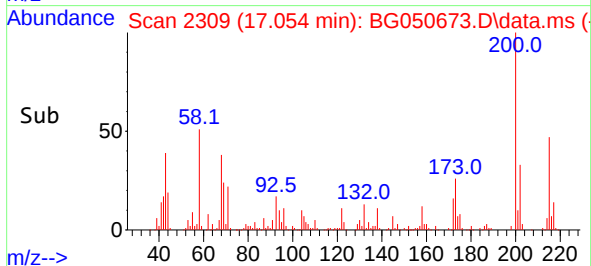
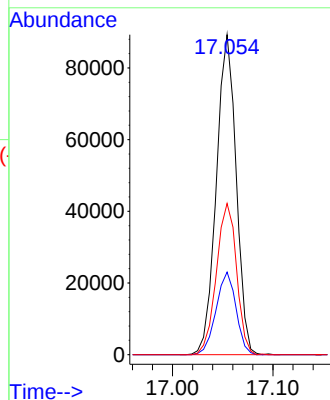
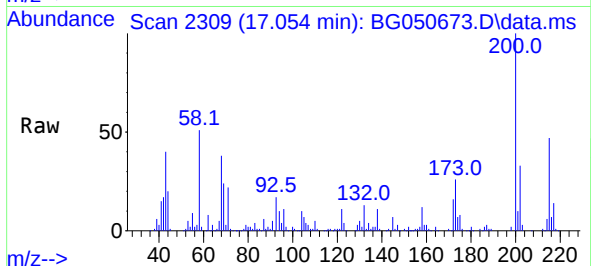
#69  
Atrazine  
Concen: 45.41 ng  
RT: 17.054 min Scan# 2309  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:200 Resp: 122179  
Ion Ratio Lower Upper  
200 100  
173 25.8 3.7 43.7  
215 47.2 26.9 66.9

Instrument :  
BNA\_G  
ClientSampleId :  
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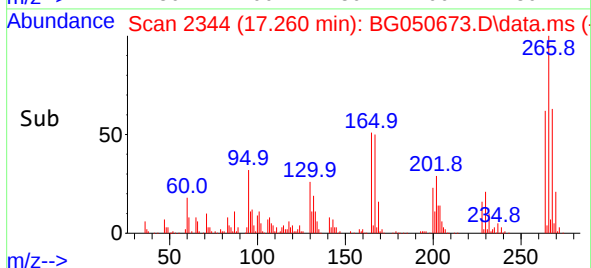
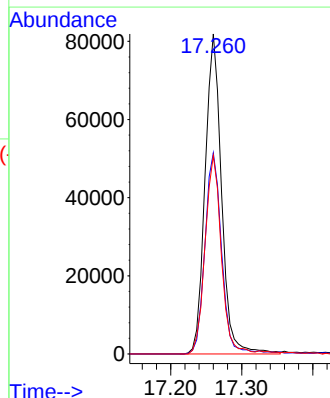
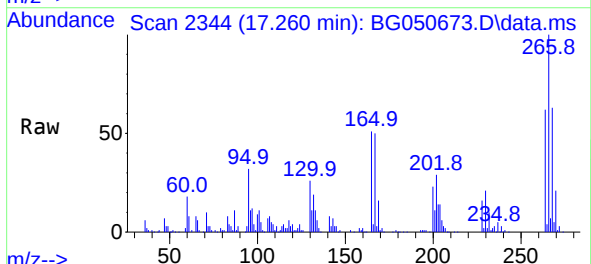
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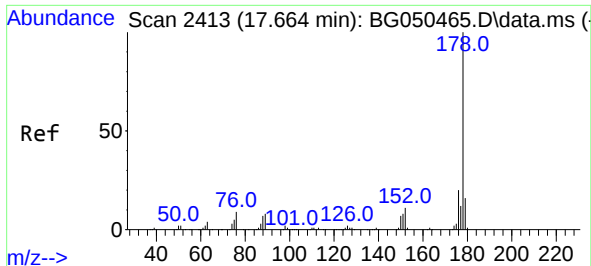
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#70  
Pentachlorophenol  
Concen: 80.62 ng  
RT: 17.260 min Scan# 2344  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:266 Resp: 132132  
Ion Ratio Lower Upper  
266 100  
268 62.9 49.0 73.4  
264 62.0 49.0 73.6





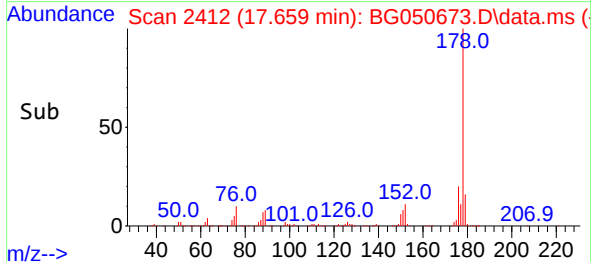
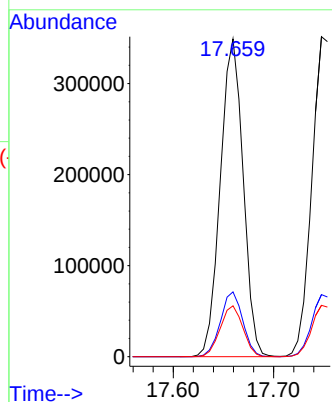
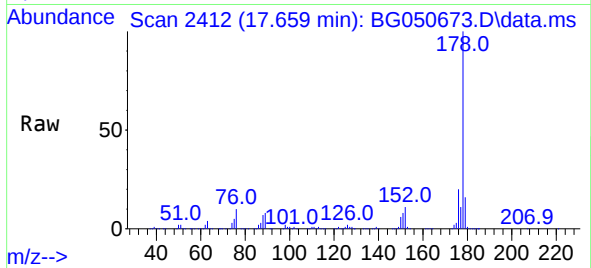
#71  
Phenanthrene  
Concen: 43.42 ng  
RT: 17.659 min Scan# 2412  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

Tgt Ion:178 Resp: 550041  
Ion Ratio Lower Upper  
178 100  
176 20.4 16.0 24.0  
179 16.0 14.2 21.4

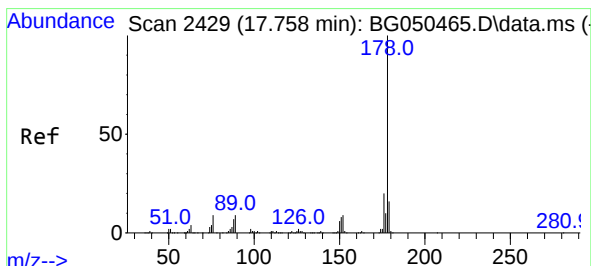
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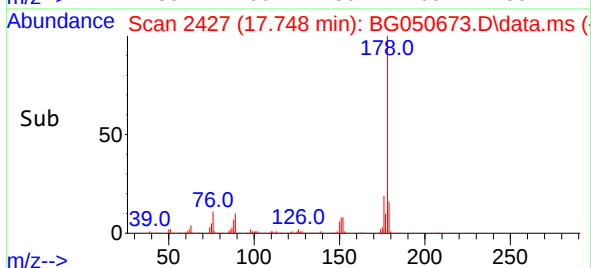
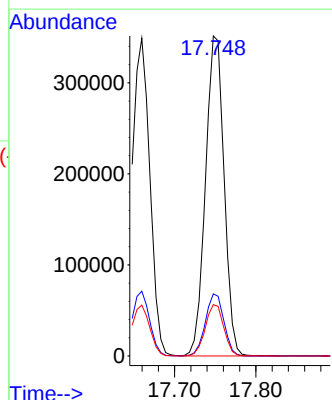
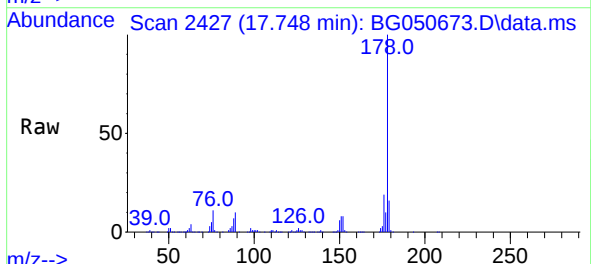
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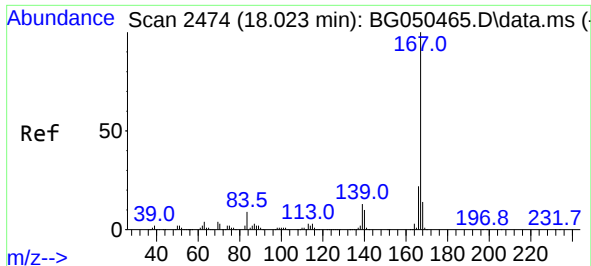
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#72  
Anthracene  
Concen: 44.35 ng  
RT: 17.748 min Scan# 2427  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

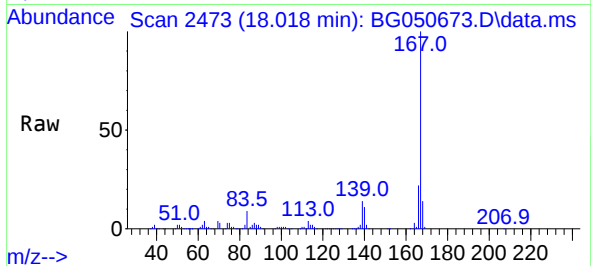
Tgt Ion:178 Resp: 558318  
Ion Ratio Lower Upper  
178 100  
176 19.4 14.6 21.8  
179 16.0 13.4 20.0





#73  
Carbazole  
Concen: 41.84 ng  
RT: 18.018 min Scan# 2473  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

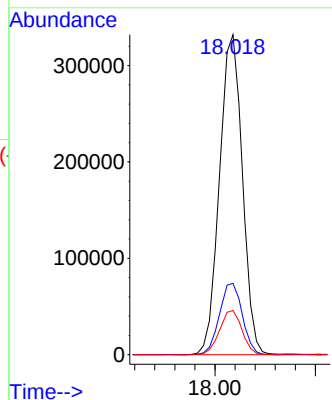
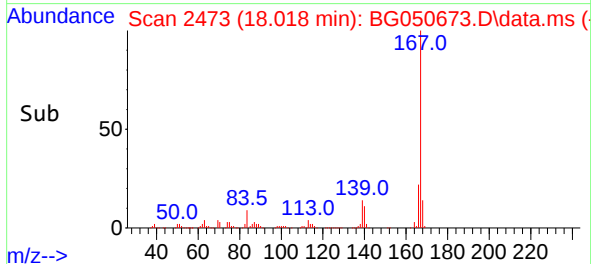
Instrument :  
BNA\_G  
ClientSampled :  
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Tgt Ion:167 Resp: 524899  
Ion Ratio Lower Upper  
167 100  
166 22.3 17.4 26.2  
139 13.8 10.7 16.1

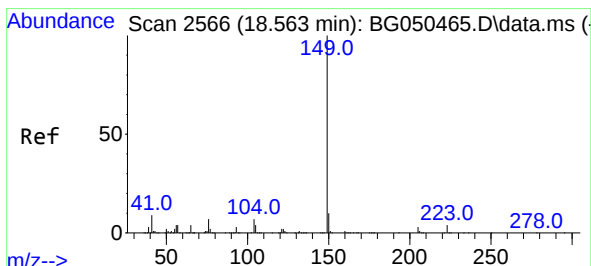
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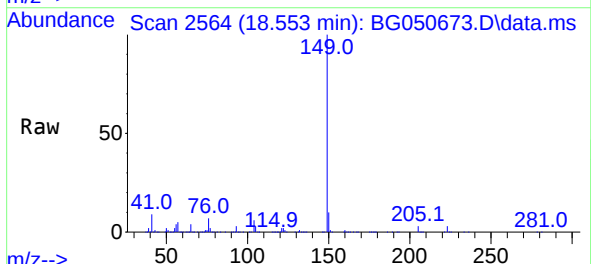


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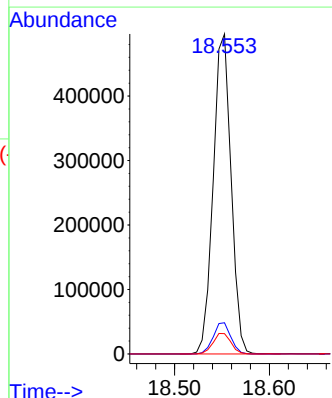
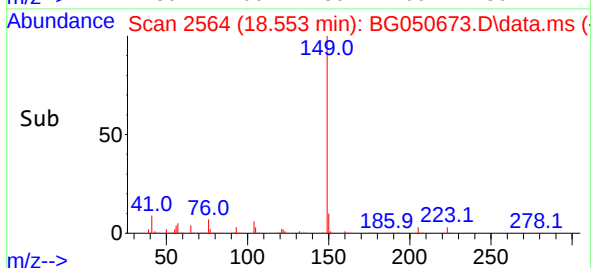
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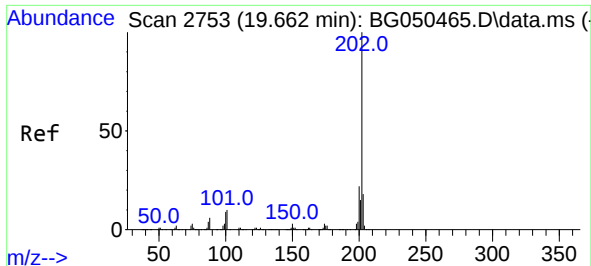


#74  
Di-n-butylphthalate  
Concen: 44.12 ng  
RT: 18.553 min Scan# 2564  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion:149 Resp: 649661  
Ion Ratio Lower Upper  
149 100  
150 9.8 7.5 11.3  
104 6.4 6.6 10.0#





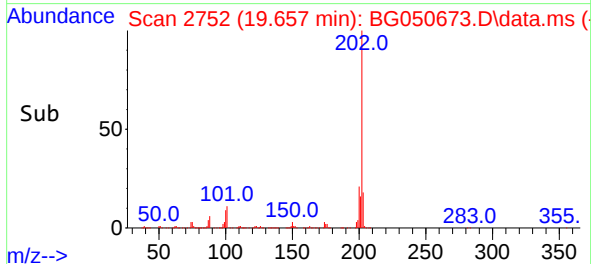
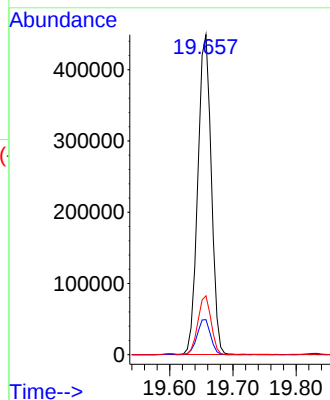
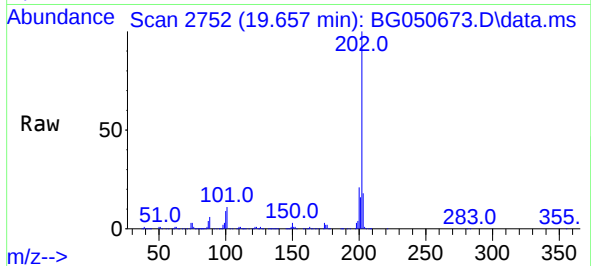
#75  
Fluoranthene  
Concen: 42.42 ng  
RT: 19.657 min Scan# 2752  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:202 Resp: 660514  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 24.7  
203 18.4 0.0 38.5

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

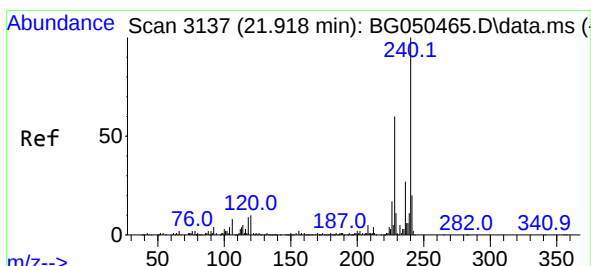
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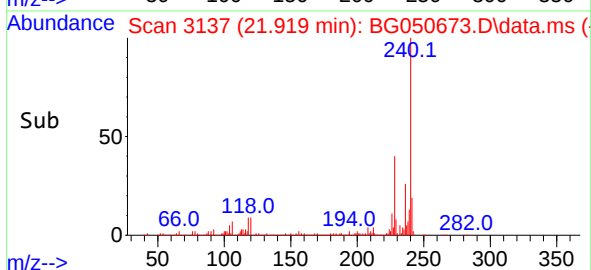
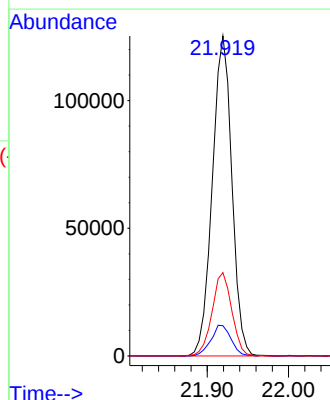
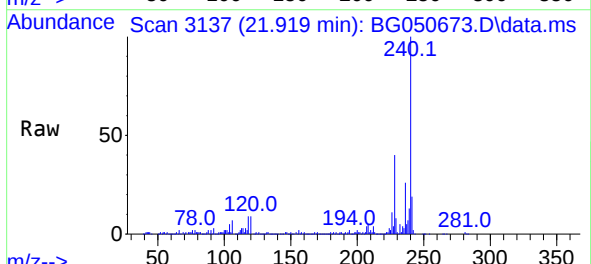
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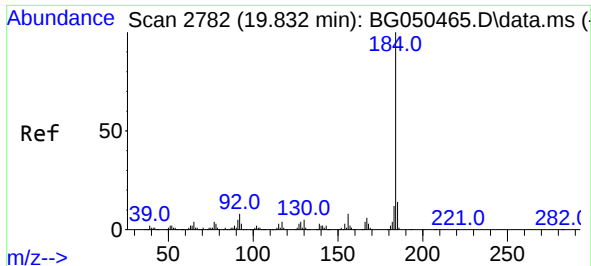
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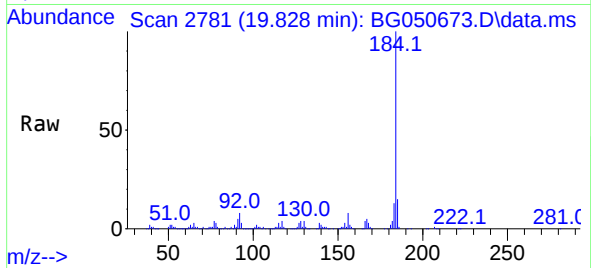
#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.919 min Scan# 3137  
Delta R.T. -0.006 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:240 Resp: 209201  
Ion Ratio Lower Upper  
240 100  
120 9.5 4.2 6.2#  
236 26.0 21.8 32.6

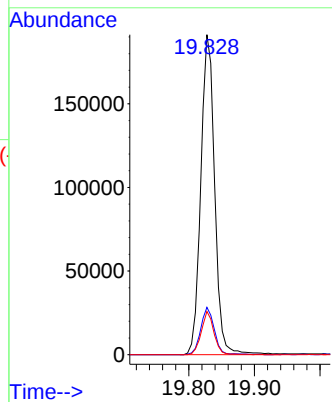
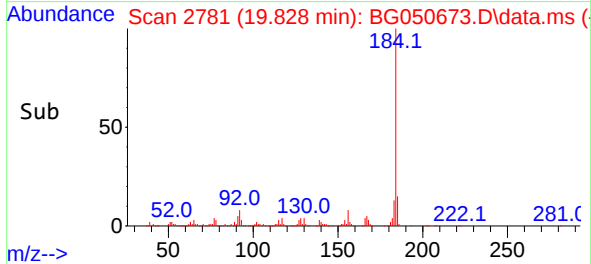




#77  
Benzidine  
Concen: 41.62 ng  
RT: 19.828 min Scan# 2781  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion:184 Resp: 282198  
Ion Ratio Lower Upper  
184 100  
185 14.8 10.7 16.1  
183 13.5 9.4 14.0



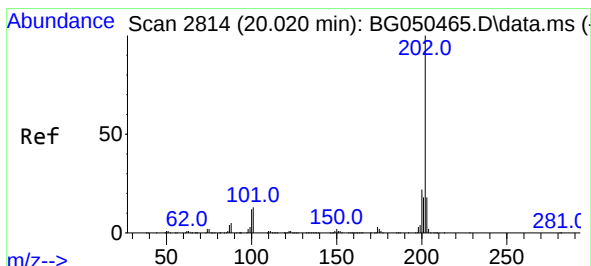
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

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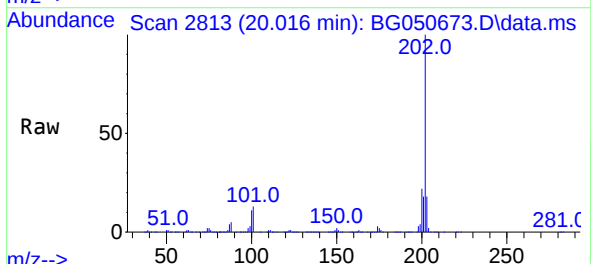
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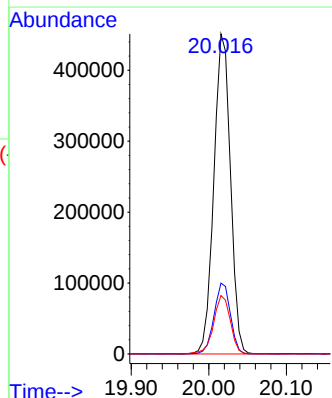
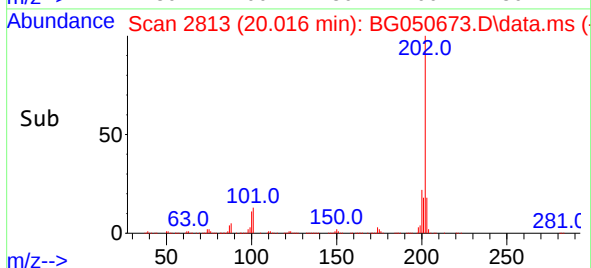
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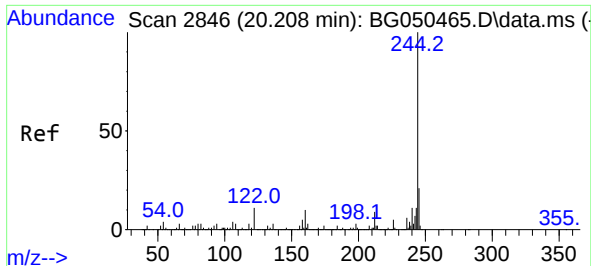


#78  
Pyrene  
Concen: 45.36 ng  
RT: 20.016 min Scan# 2813  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion:202 Resp: 673196  
Ion Ratio Lower Upper  
202 100  
200 22.1 15.8 23.8  
203 18.3 14.6 21.8





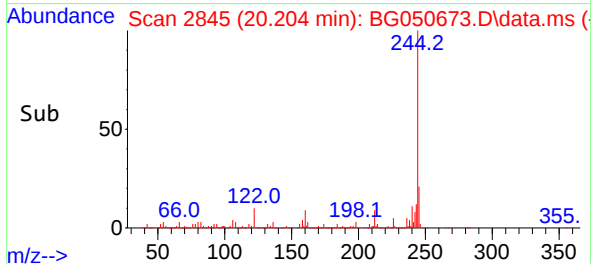
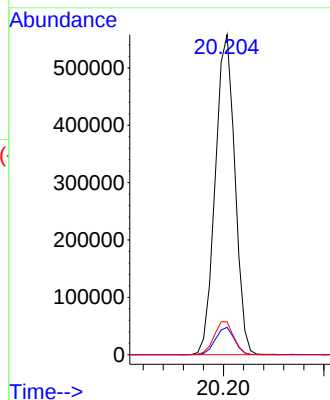
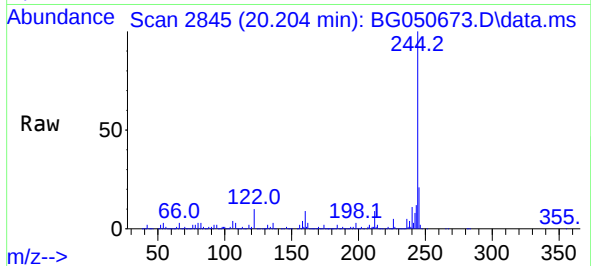
#79  
 Terphenyl-d14  
 Concen: 70.48 ng  
 RT: 20.204 min Scan# 2845  
 Delta R.T. -0.005 min  
 Lab File: BG050673.D  
 Acq: 21 Oct 2021 19:03

Tgt Ion:244 Resp: 756584  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 6.9 10.3  
 122 10.3 5.0 7.6#

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TH-CDMSD

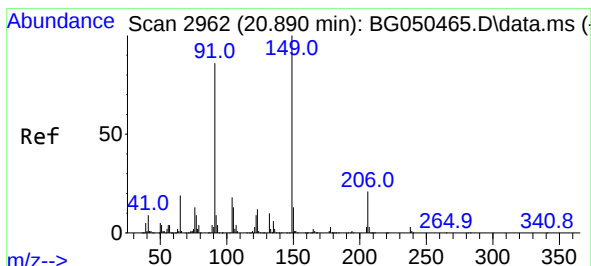
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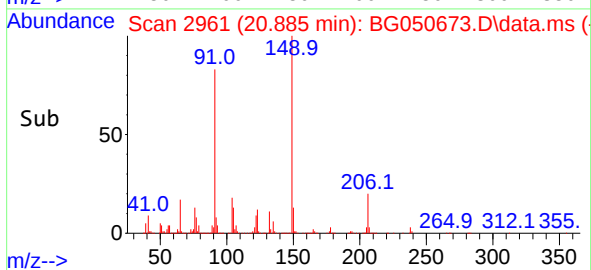
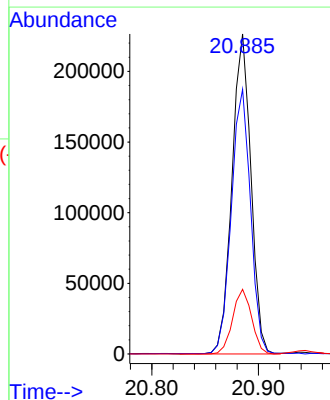
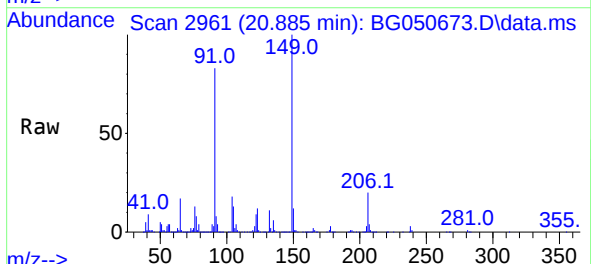
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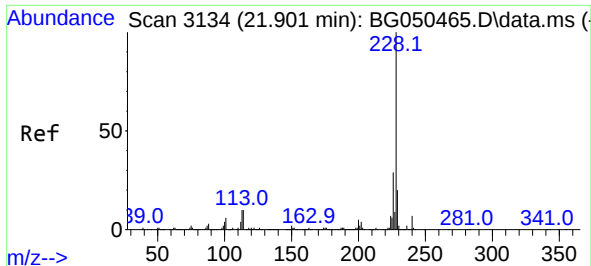
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#80  
 Butylbenzylphthalate  
 Concen: 44.65 ng  
 RT: 20.885 min Scan# 2961  
 Delta R.T. -0.005 min  
 Lab File: BG050673.D  
 Acq: 21 Oct 2021 19:03

Tgt Ion:149 Resp: 280330  
 Ion Ratio Lower Upper  
 149 100  
 91 82.7 63.4 95.2  
 206 20.2 18.4 27.6





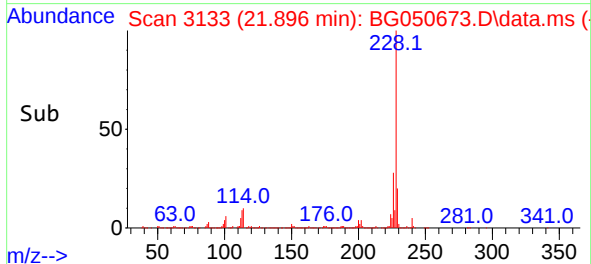
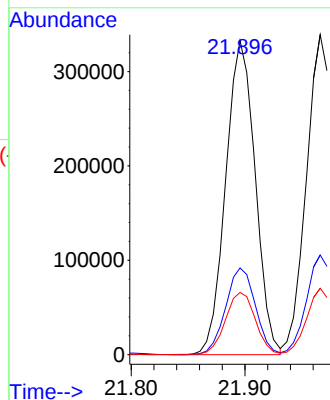
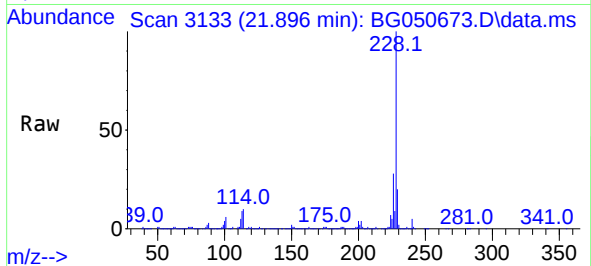
#81  
Benzo(a)anthracene  
Concen: 43.34 ng  
RT: 21.896 min Scan# 3133  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:228 Resp: 599991  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.7 34.1  
229 19.8 16.0 24.0

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

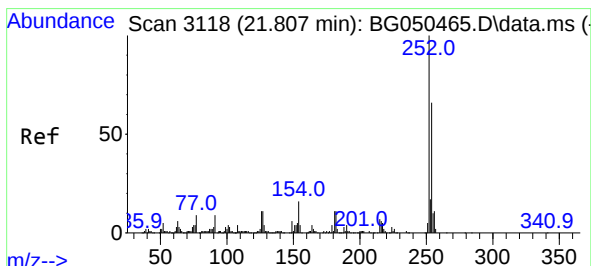
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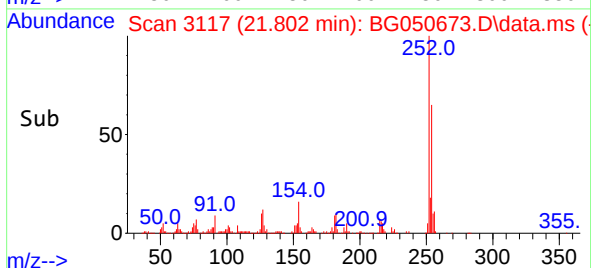
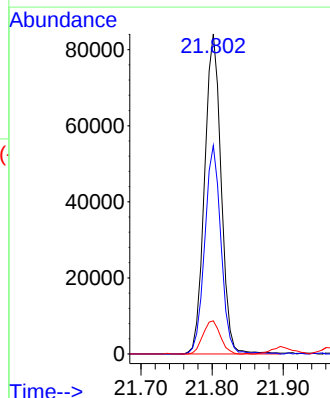
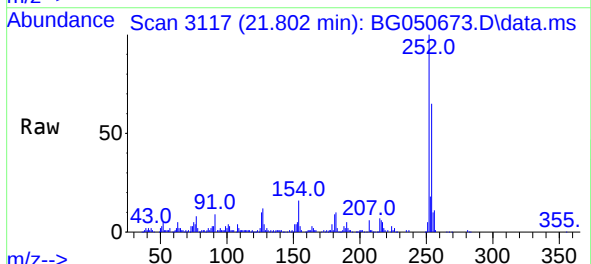
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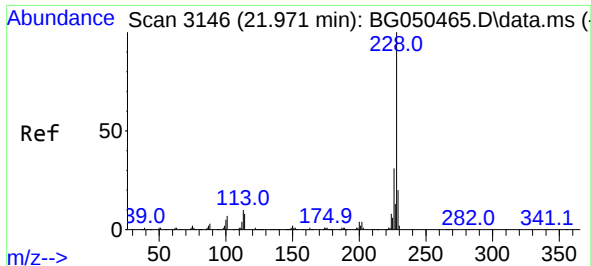
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#82  
3,3'-Dichlorobenzidine  
Concen: 29.72 ng  
RT: 21.802 min Scan# 3117  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:252 Resp: 136322  
Ion Ratio Lower Upper  
252 100  
254 65.2 52.4 78.6  
126 10.4 5.9 8.9#





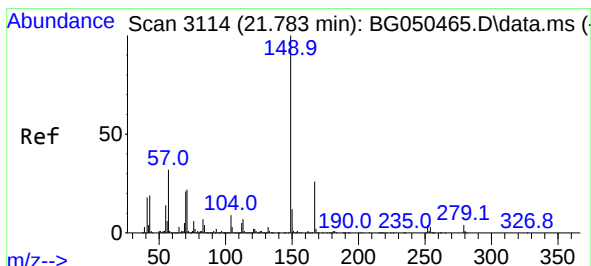
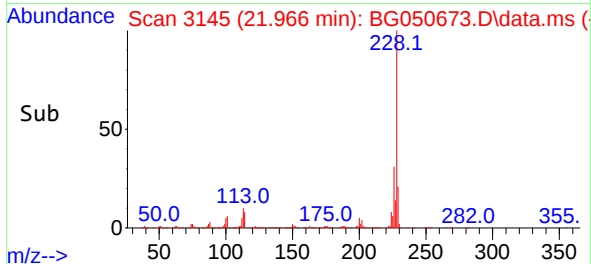
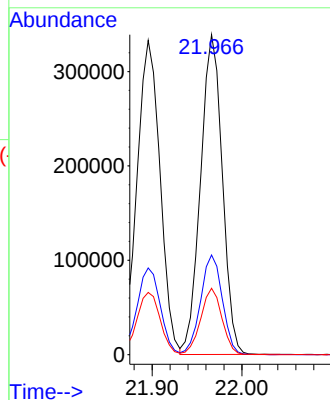
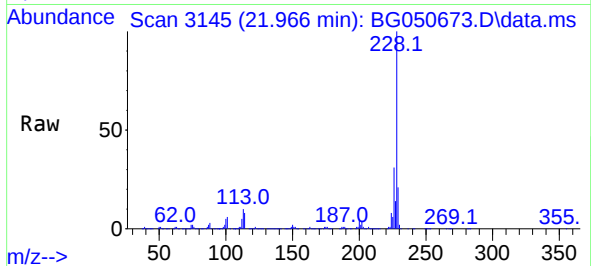
#83  
Chrysene  
Concen: 43.87 ng  
RT: 21.966 min Scan# 3145  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:228 Resp: 571184  
Ion Ratio Lower Upper  
228 100  
226 31.2 23.1 34.7  
229 20.7 15.3 22.9

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

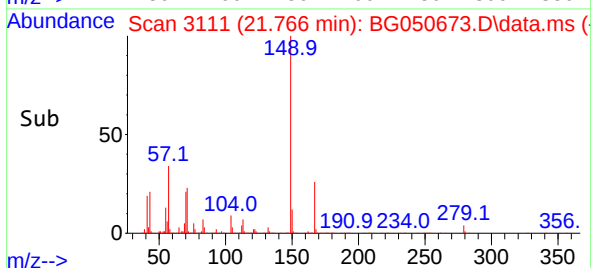
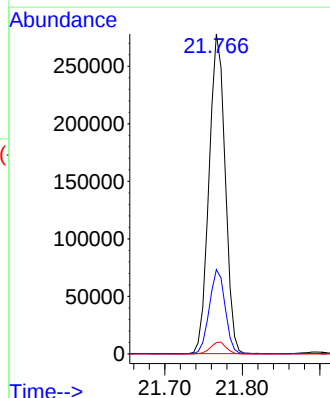
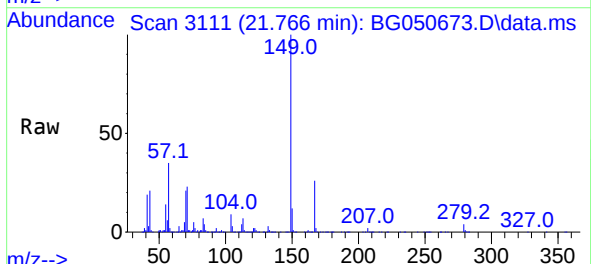
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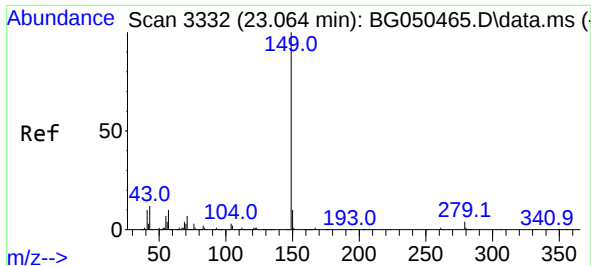
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.97 ng  
RT: 21.766 min Scan# 3111  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:149 Resp: 401124  
Ion Ratio Lower Upper  
149 100  
167 26.4 22.3 33.5  
279 3.6 3.8 5.8#





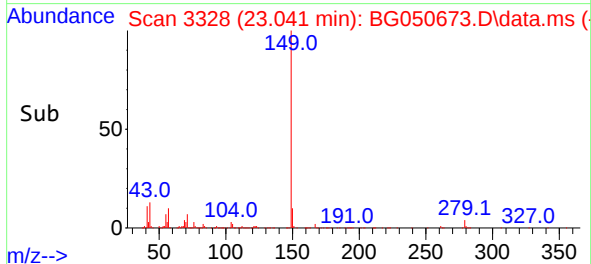
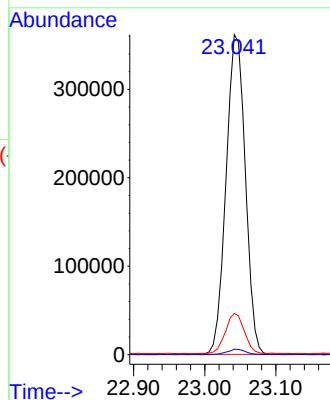
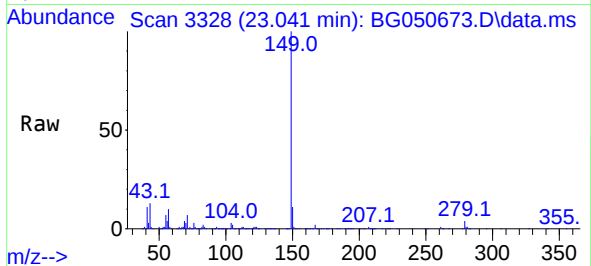
#85  
Di-n-octyl phthalate  
Concen: 45.63 ng  
RT: 23.041 min Scan# 3328  
Delta R.T. -0.011 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:149 Resp: 678878  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 12.2 8.6 12.8

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

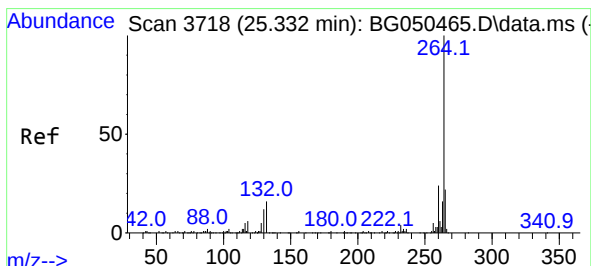
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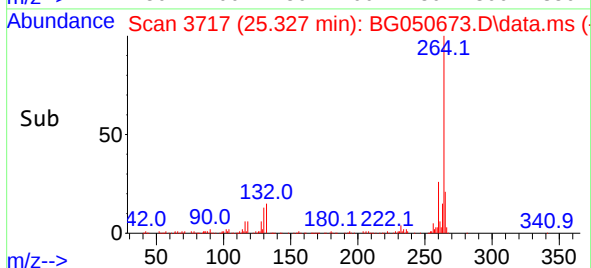
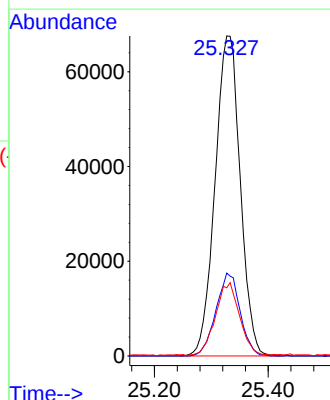
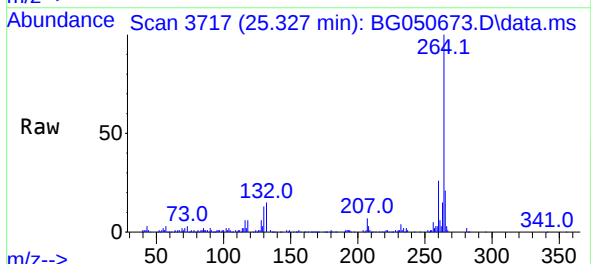
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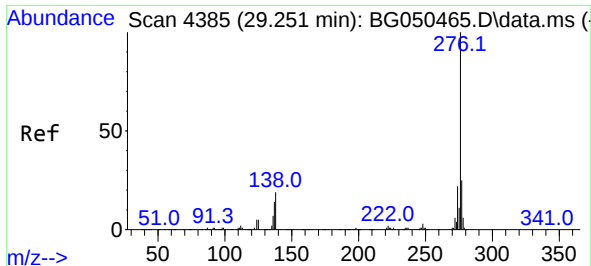
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.327 min Scan# 3717  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:264 Resp: 207134  
Ion Ratio Lower Upper  
264 100  
260 25.9 19.4 29.2  
265 21.3 16.9 25.3





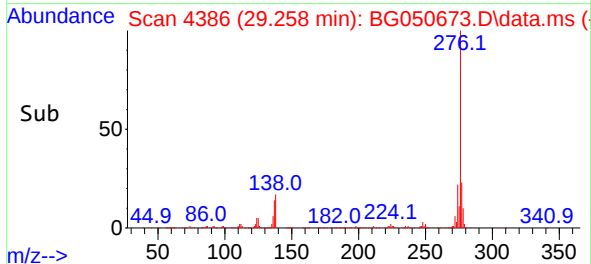
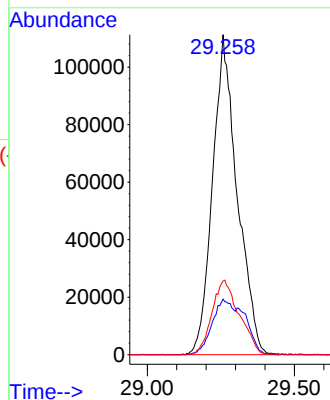
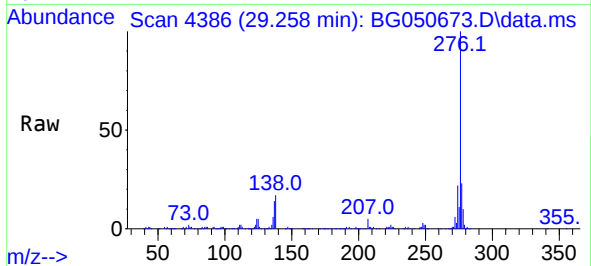
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 44.80 ng  
RT: 29.258 min Scan# 4386  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 276 Resp: 646333  
Ion Ratio Lower Upper  
276 100  
138 14.9 5.1 7.7#  
277 25.9 19.8 29.6

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

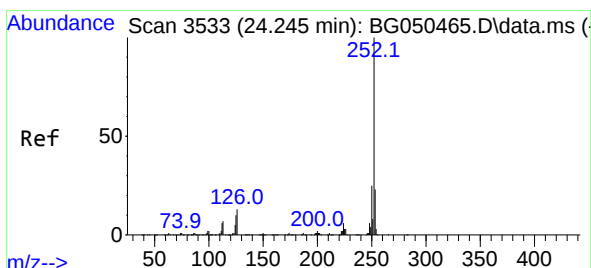
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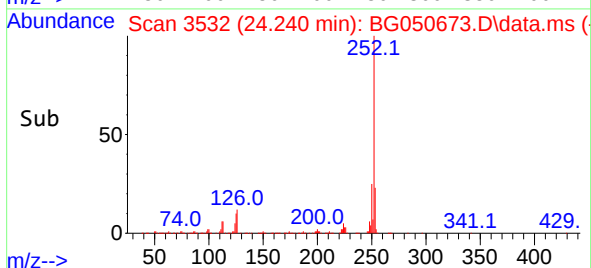
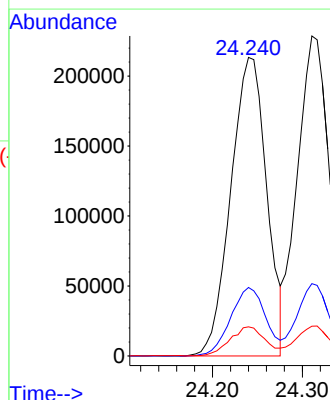
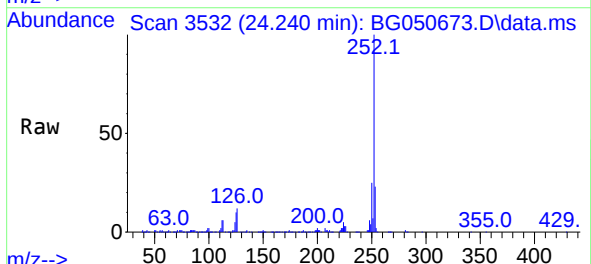
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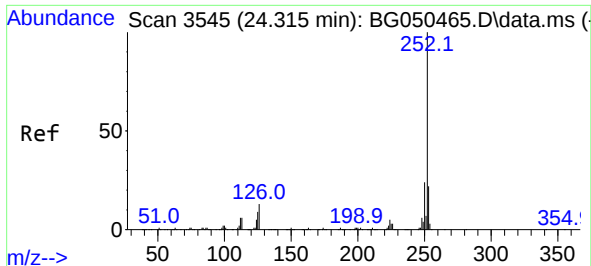
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#88  
Benzo(b)fluoranthene  
Concen: 46.68 ng  
RT: 24.240 min Scan# 3532  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion: 252 Resp: 592204  
Ion Ratio Lower Upper  
252 100  
253 22.9 16.2 24.4  
125 9.8 3.0 4.4#





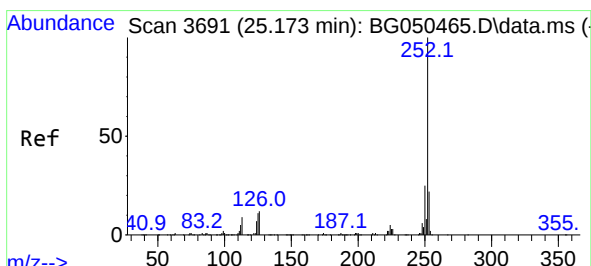
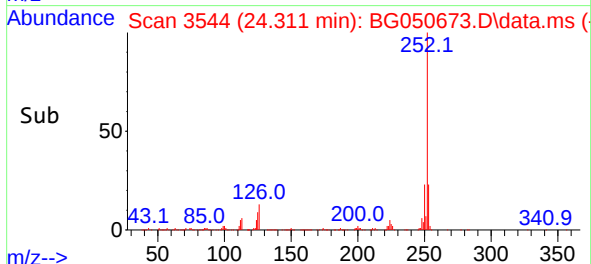
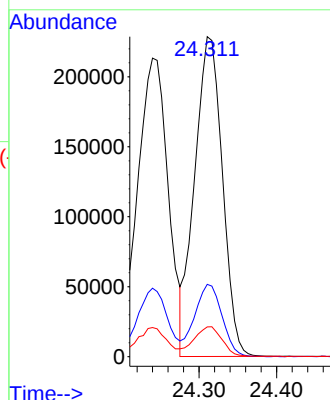
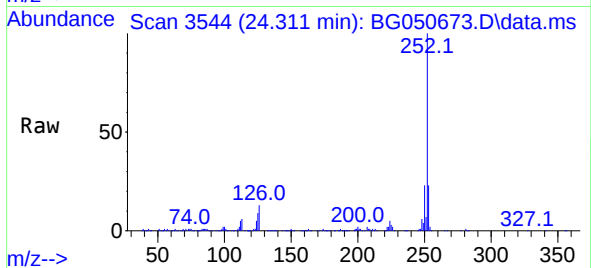
#89  
Benzo(k)fluoranthene  
Concen: 45.56 ng  
RT: 24.311 min Scan# 3544  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

Tgt Ion:252 Resp: 568595  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.0 27.0  
125 9.3 3.1 4.7#

Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD

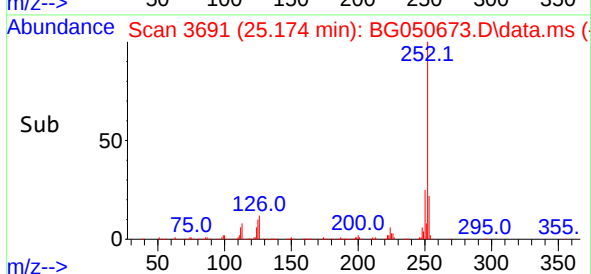
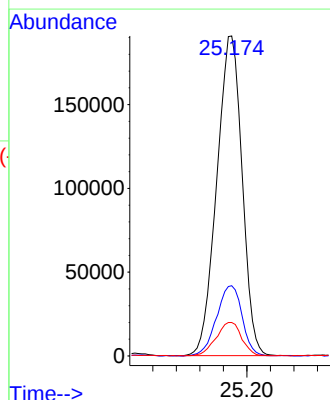
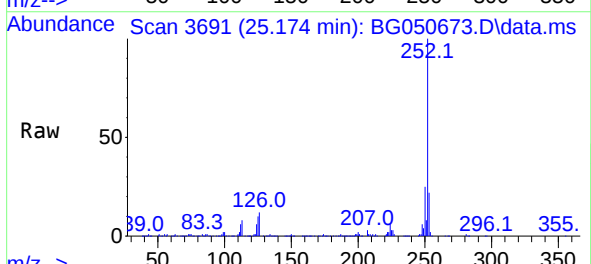
Manual Integrations  
APPROVED

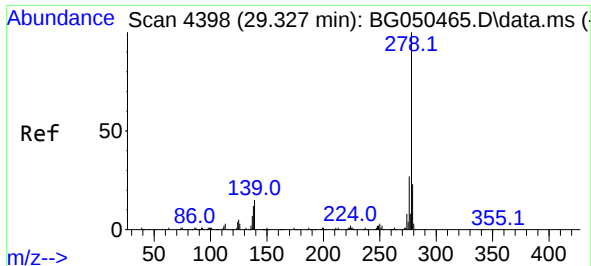
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#90  
Benzo(a)pyrene  
Concen: 52.87 ng  
RT: 25.174 min Scan# 3691  
Delta R.T. 0.000 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

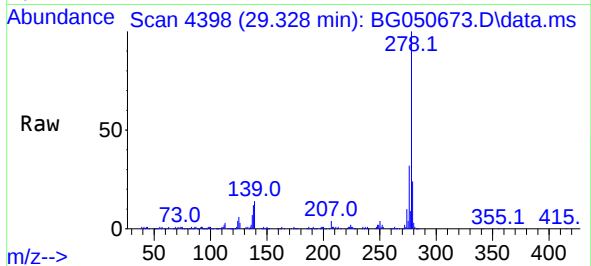
Tgt Ion:252 Resp: 570213  
Ion Ratio Lower Upper  
252 100  
253 22.0 16.6 25.0  
125 10.4 3.5 5.3#





#91  
Dibenzo(a,h)anthracene  
Concen: 45.22 ng  
RT: 29.328 min Scan# 4398  
Delta R.T. -0.005 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03

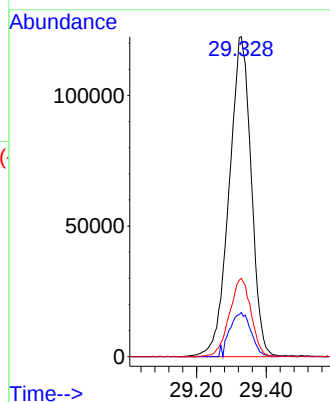
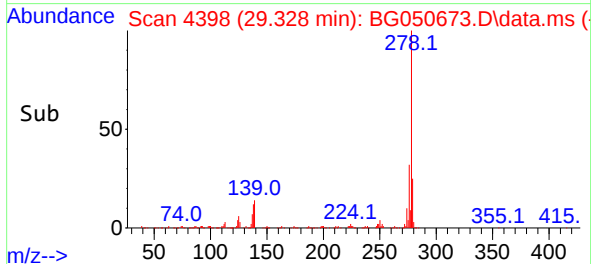
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CDMSD



Tgt Ion:278 Resp: 539556  
Ion Ratio Lower Upper  
278 100  
139 13.8 4.6 6.8#  
279 24.5 17.9 26.9

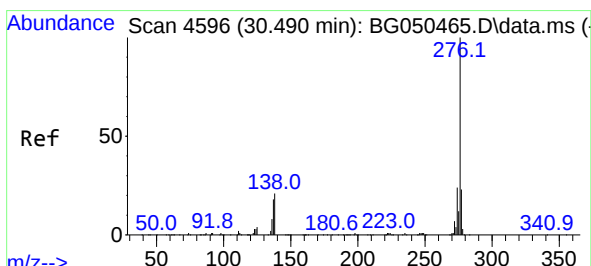
Manual Integrations  
APPROVED

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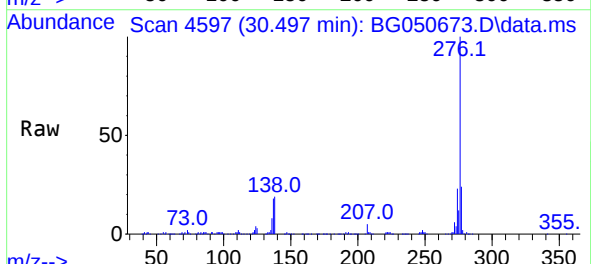


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#92  
Benzo(g,h,i)perylene  
Concen: 45.76 ng  
RT: 30.497 min Scan# 4597  
Delta R.T. 0.000 min  
Lab File: BG050673.D  
Acq: 21 Oct 2021 19:03



Tgt Ion:276 Resp: 534766  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.4 27.6  
138 19.2 7.0 10.6#

