

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082321\  
 Data File : BG049945.D  
 Acq On : 23 Aug 2021 22:59  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
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mohammad  
 8/24/2021 11:19:26 AM

Quant Time: Aug 24 02:29:25 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 23 16:13:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.981  | 152  | 36294    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.801 | 136  | 152167   | 20.000 | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.643 | 164  | 101965   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.398 | 188  | 204796   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.674 | 240  | 169330   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.905 | 264  | 173495   | 20.000 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.537  | 112  | 152723   | 75.432 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.159  | 99   | 228602   | 74.590 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.156  | 82   | 229003   | 66.596 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.141 | 330  | 109686   | 73.185 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.256 | 172  | 501779   | 71.606 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.006 | 244  | 687206   | 73.708 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.375  | 88   | 30809    | 34.822 | ng    | 92       |
| 3) Pyridine                   | 3.793  | 79   | 75703    | 31.215 | ng    | 90       |
| 4) n-Nitrosodimethylamine     | 3.704  | 42   | 40983    | 31.427 | ng    | # 75     |
| 6) Aniline                    | 7.305  | 93   | 117351   | 36.128 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.546  | 128  | 87475    | 39.628 | ng    | 98       |
| 9) Benzaldehyde               | 7.117  | 77   | 66648    | 32.591 | ng    | 87       |
| 10) Phenol                    | 7.182  | 94   | 109298   | 36.805 | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.399  | 93   | 73000    | 36.408 | ng    | 90       |
| 12) 1,3-Dichlorobenzene       | 7.869  | 146  | 93762    | 37.088 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.016  | 146  | 94491    | 36.924 | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.339  | 146  | 93183    | 38.437 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.228  | 79   | 98741m   | 38.363 | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.510  | 45   | 80147    | 35.179 | ng    | 98       |
| 17) 2-Methylphenol            | 8.439  | 107  | 76330    | 39.033 | ng    | 93       |
| 18) Hexachloroethane          | 9.062  | 117  | 35877    | 36.470 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.792  | 70   | 69746    | 34.007 | ng    | 92       |
| 20) 3+4-Methylphenols         | 8.774  | 107  | 106596   | 38.813 | ng    | 94       |
| 22) Acetophenone              | 8.809  | 105  | 136462   | 33.009 | ng    | # 95     |
| 24) Nitrobenzene              | 9.197  | 77   | 118950   | 32.782 | ng    | 95       |
| 25) Isophorone                | 9.720  | 82   | 198058   | 32.277 | ng    | 96       |
| 26) 2-Nitrophenol             | 9.914  | 139  | 50775    | 36.667 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.978  | 122  | 71908    | 35.134 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.196 | 93   | 93829    | 34.955 | ng    | # 93     |
| 29) 2,4-Dichlorophenol        | 10.460 | 162  | 92135    | 36.684 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.666 | 180  | 101657   | 36.760 | ng    | 97       |
| 31) Naphthalene               | 10.854 | 128  | 280113   | 35.149 | ng    | 98       |
| 32) Benzoic acid              | 10.143 | 122  | 44237m   | 32.400 | ng    |          |
| 33) 4-Chloroaniline           | 10.959 | 127  | 115156   | 36.601 | ng    | 94       |
| 34) Hexachlorobutadiene       | 11.130 | 225  | 72180    | 35.917 | ng    | 96       |
| 35) Caprolactam               | 11.752 | 113  | 26155    | 33.704 | ng    | # 77     |
| 36) 4-Chloro-3-methylphenol   | 12.105 | 107  | 102314   | 35.267 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.463 | 142  | 211559   | 35.240 | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.681 | 142  | 194732   | 34.514 | ng    | 93       |
| 40) 1,2,4,5-Tetrachloroben... | 12.833 | 216  | 115299   | 38.377 | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 12.804 | 237  | 14210    | 11.938 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 13.080 | 196  | 78697    | 38.854 | ng    | 96       |

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Manual Integrations  
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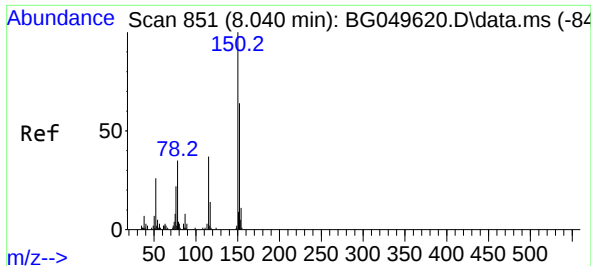
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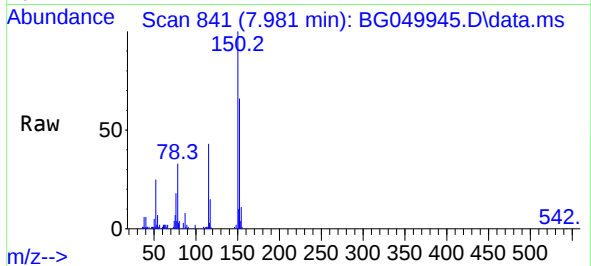
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.162 | 196  | 82799    | 37.681 | ng    | 90       |
| 46) 1,1'-Biphenyl             | 13.468 | 154  | 262254   | 36.112 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.515 | 162  | 215580   | 37.166 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.726 | 65   | 73198    | 34.367 | ng    | 94       |
| 49) Acenaphthylene            | 14.366 | 152  | 325618   | 35.419 | ng    | 95       |
| 50) Dimethylphthalate         | 14.090 | 163  | 264904   | 34.434 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.220 | 165  | 61031    | 36.031 | ng    | 84       |
| 52) Acenaphthene              | 14.707 | 154  | 196193   | 35.426 | ng    | 95       |
| 53) 3-Nitroaniline            | 14.554 | 138  | 60380    | 36.553 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.772 | 184  | 10967    | 11.405 | ng    | 94       |
| 55) Dibenzofuran              | 15.042 | 168  | 316100   | 35.184 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.883 | 139  | 53899    | 44.664 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 15.013 | 165  | 85882    | 36.100 | ng    | 92       |
| 58) Fluorene                  | 15.688 | 166  | 255483   | 34.987 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.277 | 232  | 72261    | 35.407 | ng    | 98       |
| 60) Diethylphthalate          | 15.453 | 149  | 262016   | 33.864 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.676 | 204  | 136596   | 35.047 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.718 | 138  | 60592    | 35.661 | ng    | 91       |
| 63) Azobenzene                | 15.970 | 77   | 264457   | 32.293 | ng    | 85       |
| 65) 4,6-Dinitro-2-methylph... | 15.782 | 198  | 19038    | 14.462 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 15.894 | 169  | 218479   | 37.756 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.575 | 248  | 92754    | 38.456 | ng    | 92       |
| 68) Hexachlorobenzene         | 16.704 | 284  | 99634    | 37.181 | ng    | 97       |
| 69) Atrazine                  | 16.845 | 200  | 85437    | 36.910 | ng    | 96       |
| 70) Pentachlorophenol         | 17.051 | 266  | 56200    | 39.112 | ng    | 99       |
| 71) Phenanthrene              | 17.439 | 178  | 381072   | 35.368 | ng    | 97       |
| 72) Anthracene                | 17.527 | 178  | 376207   | 35.552 | ng    | 97       |
| 73) Carbazole                 | 17.803 | 167  | 355035   | 35.426 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.343 | 149  | 401671   | 34.381 | ng    | 99       |
| 75) Fluoranthene              | 19.454 | 202  | 432233   | 32.600 | ng    | 97       |
| 77) Benzidine                 | 19.630 | 184  | 144264   | 33.251 | ng    | 99       |
| 78) Pyrene                    | 19.812 | 202  | 423426   | 36.679 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.687 | 149  | 159253   | 36.223 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.651 | 228  | 390947   | 35.452 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.563 | 252  | 113045   | 35.110 | ng    | 98       |
| 83) Chrysene                  | 21.721 | 228  | 372607   | 35.348 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.539 | 149  | 210836   | 33.878 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.749 | 149  | 358532   | 34.103 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.624 | 276  | 446957   | 35.722 | ng    | # 99     |
| 88) Benzo(b)fluoranthene      | 23.883 | 252  | 399914   | 35.146 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.948 | 252  | 384030m  | 36.182 | ng    |          |
| 90) Benzo(a)pyrene            | 24.764 | 252  | 374372   | 36.355 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.682 | 278  | 382942   | 36.320 | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 29.793 | 276  | 341808   | 33.090 | ng    | 100      |

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

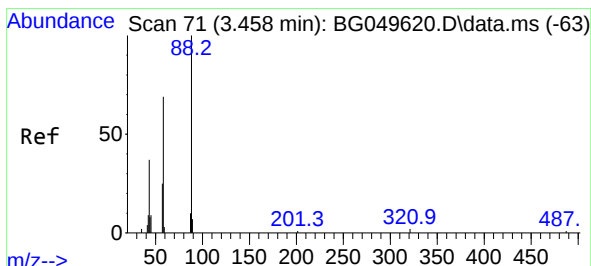
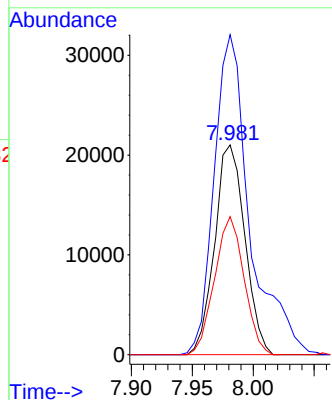
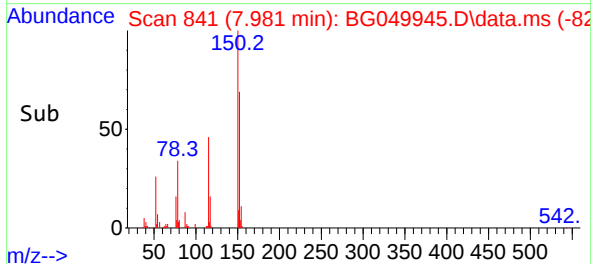




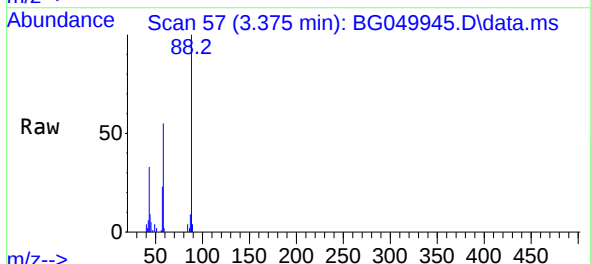
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.981 min Scan# 841  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



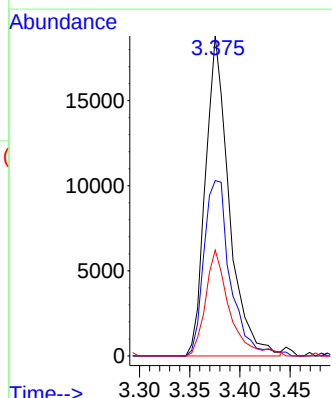
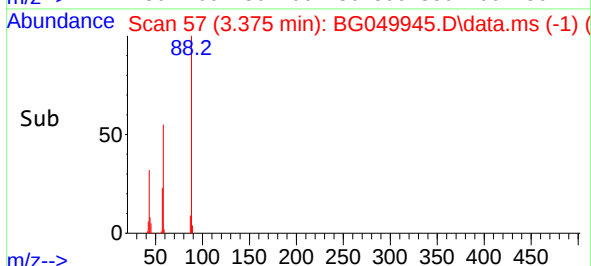
Tgt Ion:152 Resp: 36294  
Ion Ratio Lower Upper  
152 100  
150 152.5 119.4 179.0  
115 65.8 60.2 90.4



#2  
1,4-Dioxane  
Concen: 34.822 ng  
RT: 3.375 min Scan# 57  
Delta R.T. 0.001 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



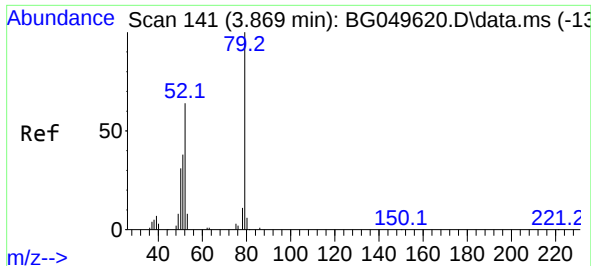
Tgt Ion: 88 Resp: 30809  
Ion Ratio Lower Upper  
88 100  
58 61.4 55.7 83.5  
43 33.6 29.3 43.9



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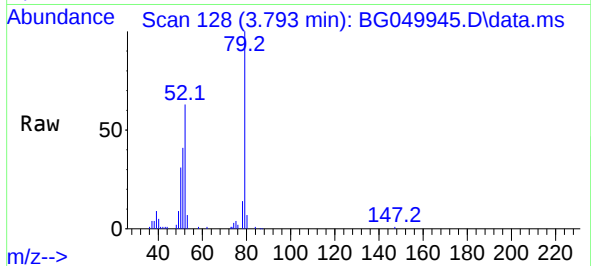
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#3  
Pyridine  
Concen: 31.215 ng  
RT: 3.793 min Scan# 128  
Delta R.T. 0.001 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

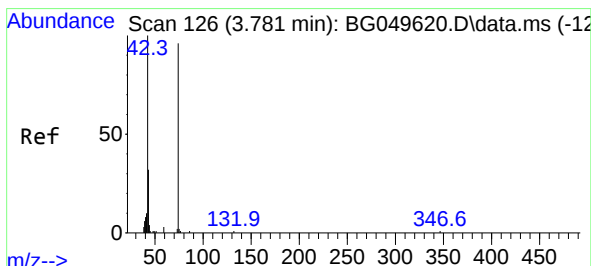
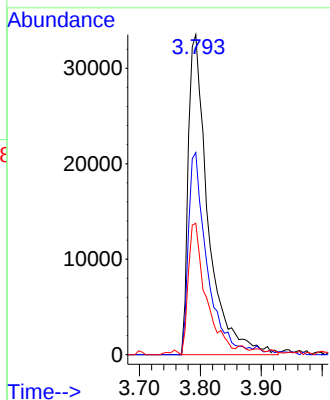
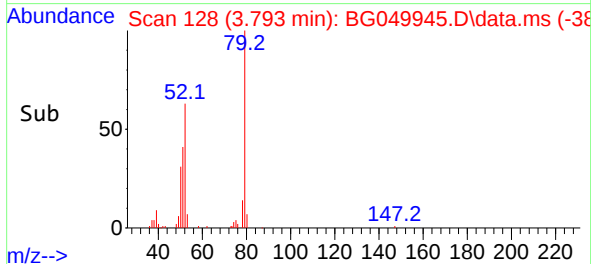
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BNA\_G  
ClientSampleId :  
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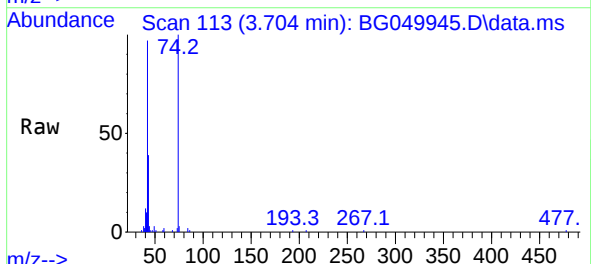
Tgt Ion: 79 Resp: 75703  
Ion Ratio Lower Upper  
79 100  
52 63.2 58.4 87.6  
51 41.0 37.0 55.6

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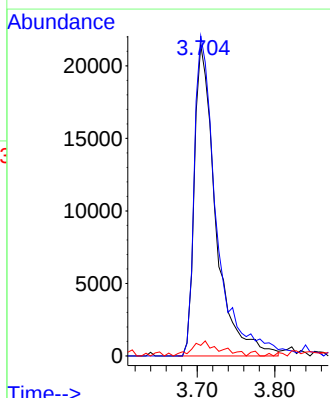
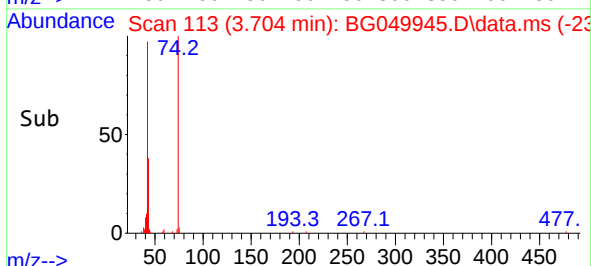
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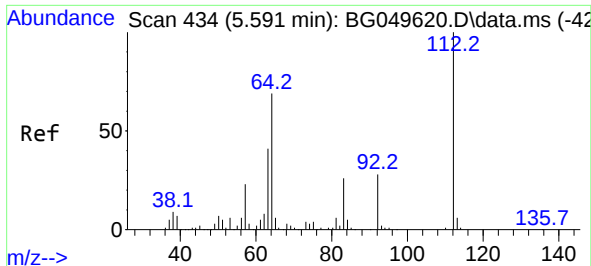


#4  
n-Nitrosodimethylamine  
Concen: 31.427 ng  
RT: 3.704 min Scan# 113  
Delta R.T. 0.001 min  
Lab File: BG049945.D  
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Tgt Ion: 42 Resp: 40983  
Ion Ratio Lower Upper  
42 100  
74 102.8 64.0 96.0#  
44 3.4 2.7 4.1





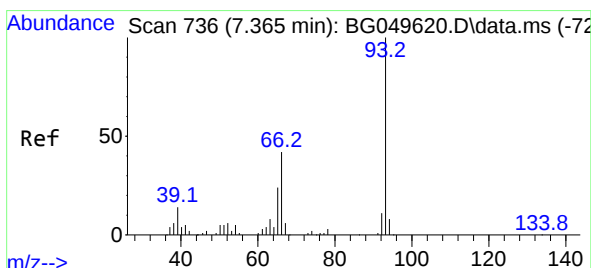
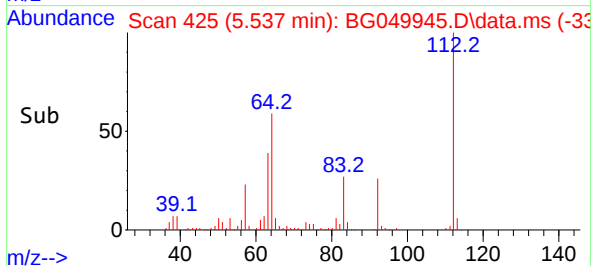
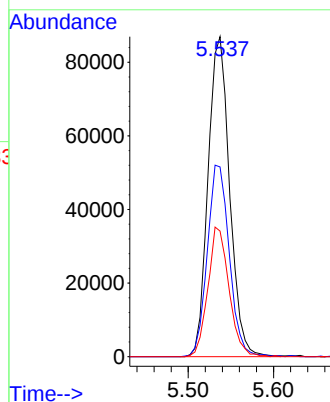
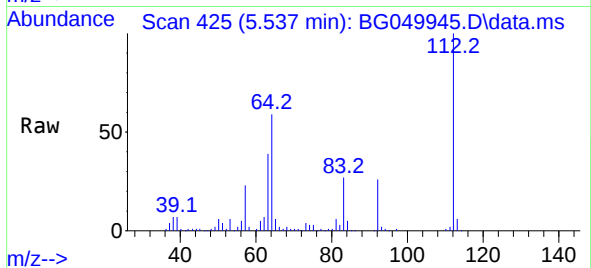
#5  
2-Fluorophenol  
Concen: 75.432 ng  
RT: 5.537 min Scan# 425  
Delta R.T. 0.001 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

Tgt Ion: 112 Resp: 152723  
Ion Ratio Lower Upper  
112 100  
64 59.3 46.7 70.1  
63 39.2 35.3 52.9

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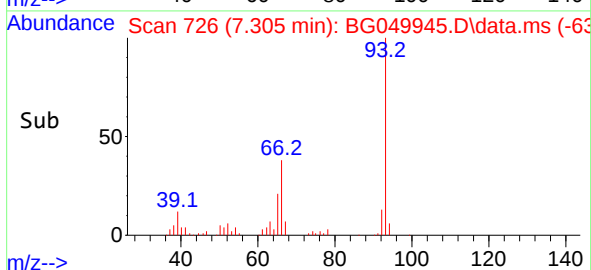
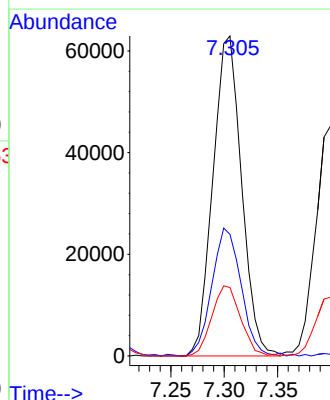
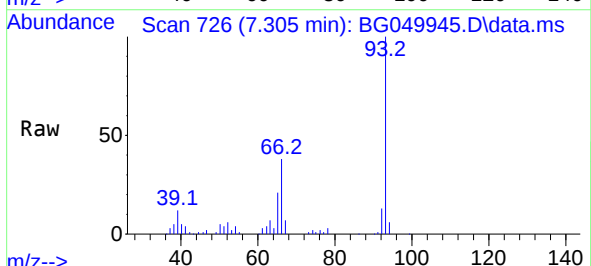
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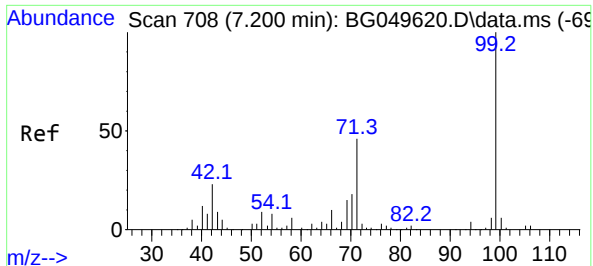
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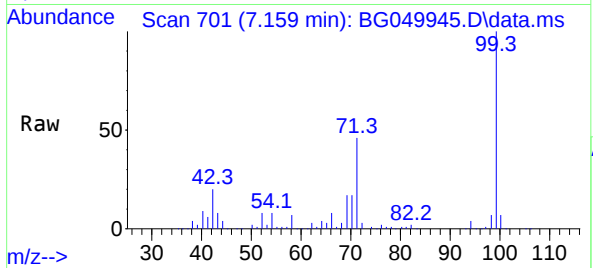
#6  
Aniline  
Concen: 36.128 ng  
RT: 7.305 min Scan# 726  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

Tgt Ion: 93 Resp: 117351  
Ion Ratio Lower Upper  
93 100  
66 38.0 30.6 45.8  
65 21.4 15.0 22.4

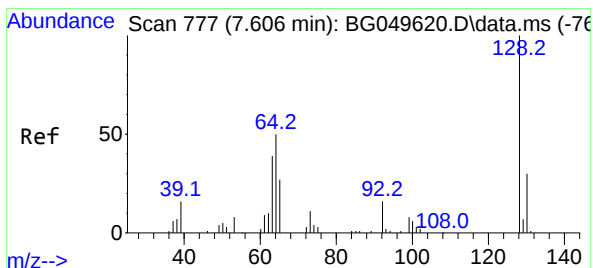
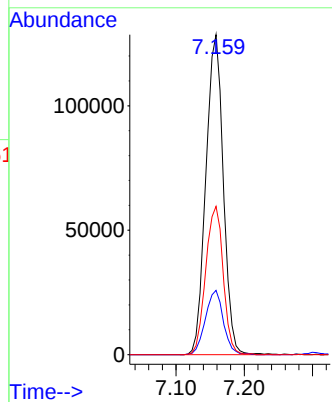
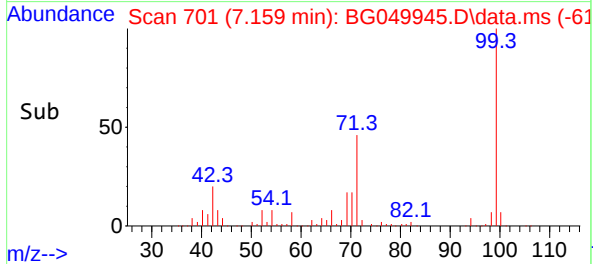




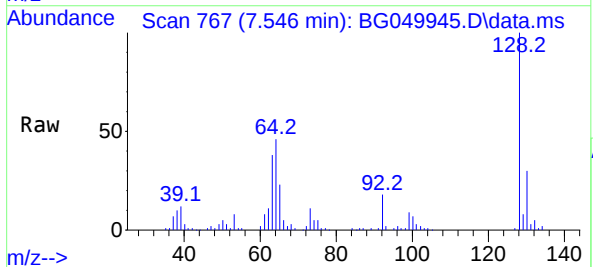
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Phenol-d6  
Concen: 74.590 ng  
RT: 7.159 min Scan# 701  
Delta R.T. 0.001 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



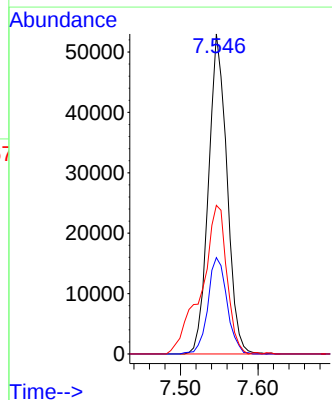
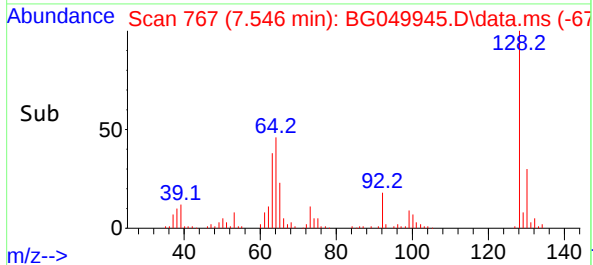
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Ion Ratio Lower Upper  
99 100  
42 20.1 20.5 30.7#  
71 46.3 41.5 62.3



#8  
2-Chlorophenol  
Concen: 39.628 ng  
RT: 7.546 min Scan# 767  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



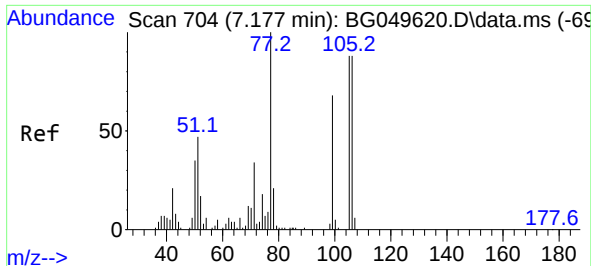
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Ion Ratio Lower Upper  
128 100  
130 30.1 10.0 50.0  
64 46.5 28.1 68.1



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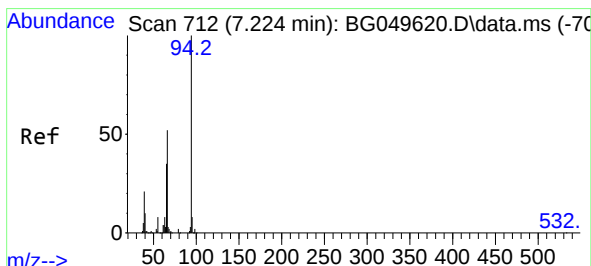
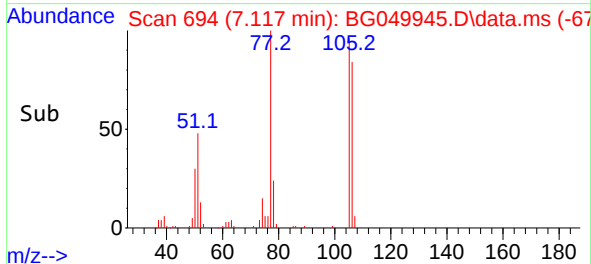
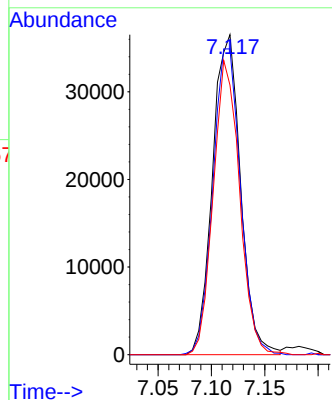
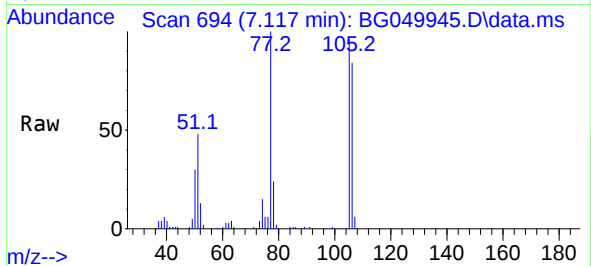
#9  
Benzaldehyde  
Concen: 32.591 ng  
RT: 7.117 min Scan# 694  
Delta R.T. 0.001 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 77 Resp: 66648  
Ion Ratio Lower Upper  
77 100  
105 95.6 68.8 108.8  
106 84.3 47.9 87.9

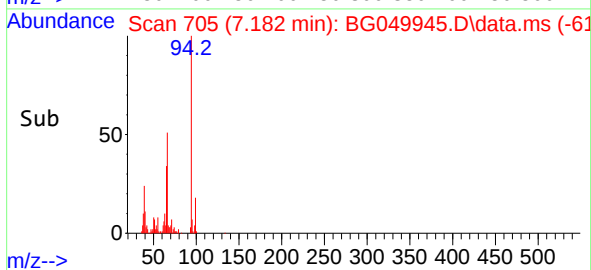
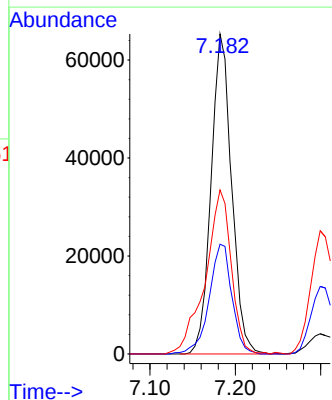
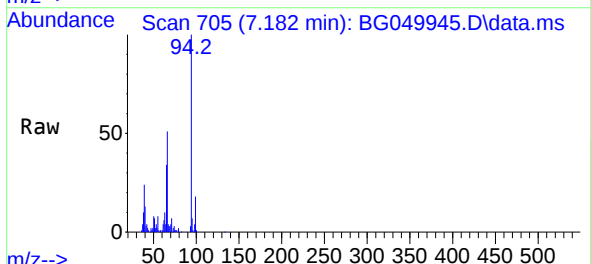
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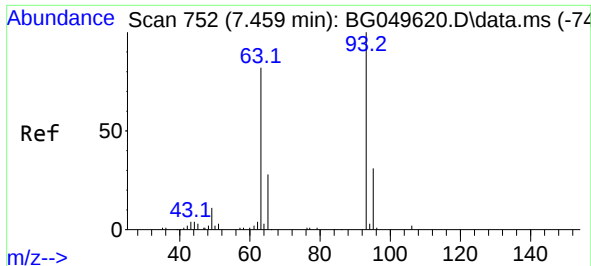
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#10  
Phenol  
Concen: 36.805 ng  
RT: 7.182 min Scan# 705  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

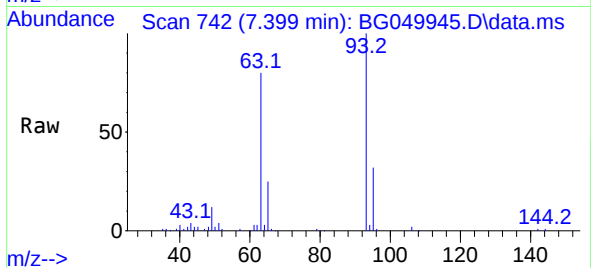
Tgt Ion: 94 Resp: 109298  
Ion Ratio Lower Upper  
94 100  
65 34.3 12.9 52.9  
66 51.2 39.4 79.4





#11  
bis(2-Chloroethyl)ether  
Concen: 36.408 ng  
RT: 7.399 min Scan# 742  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

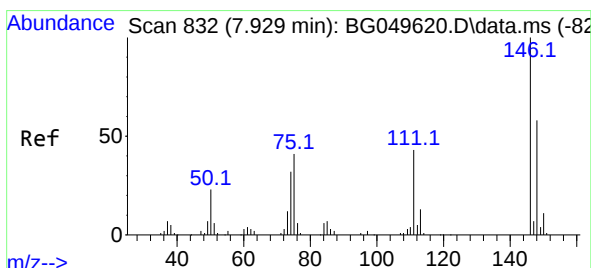
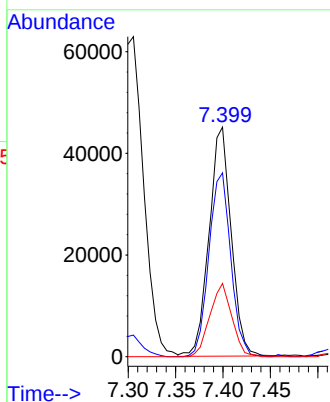
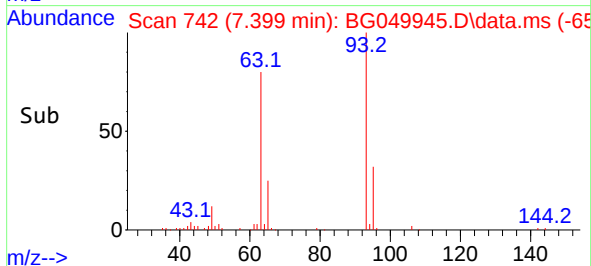
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



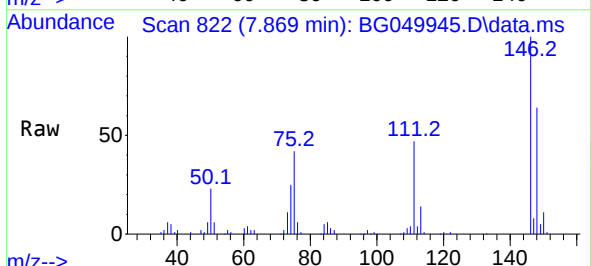
Tgt Ion: 93 Resp: 73000  
Ion Ratio Lower Upper  
93 100  
63 80.0 50.4 90.4  
95 31.9 15.3 55.3

Manual Integrations  
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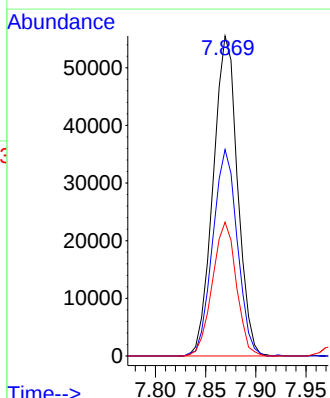
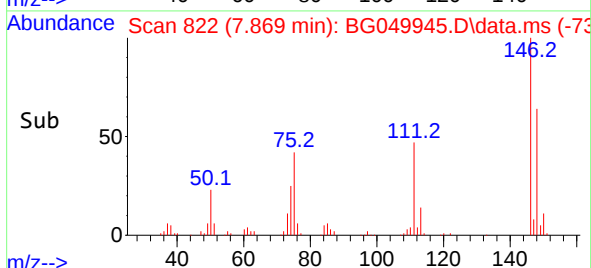
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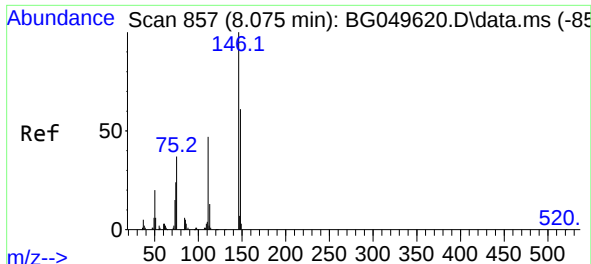


#12  
1,3-Dichlorobenzene  
Concen: 37.088 ng  
RT: 7.869 min Scan# 822  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



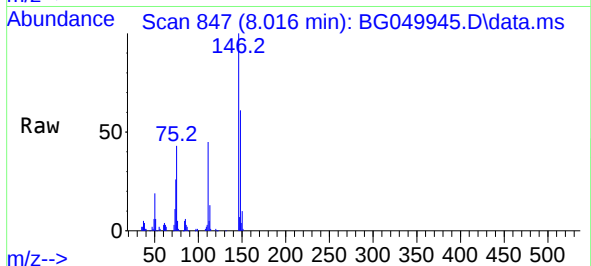
Tgt Ion: 146 Resp: 93762  
Ion Ratio Lower Upper  
146 100  
148 64.5 52.6 78.8  
75 41.8 35.7 53.5





#13  
1,4-Dichlorobenzene  
Concen: 36.924 ng  
RT: 8.016 min Scan# 847  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

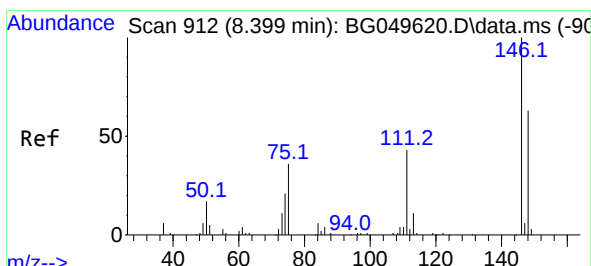
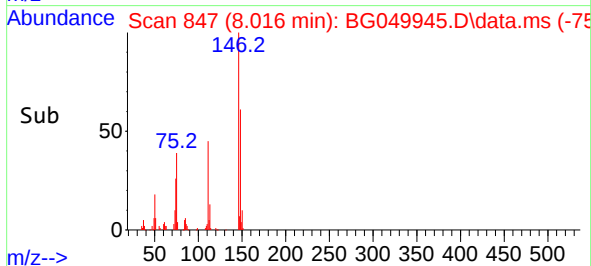
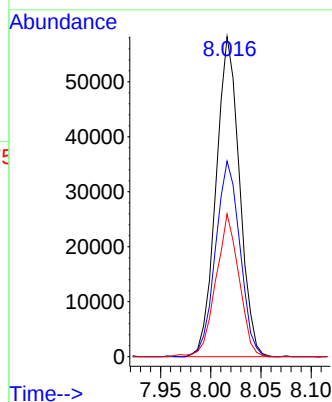
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



Tgt Ion:146 Resp: 94491  
Ion Ratio Lower Upper  
146 100  
148 61.1 54.0 81.0  
111 44.6 34.3 51.5

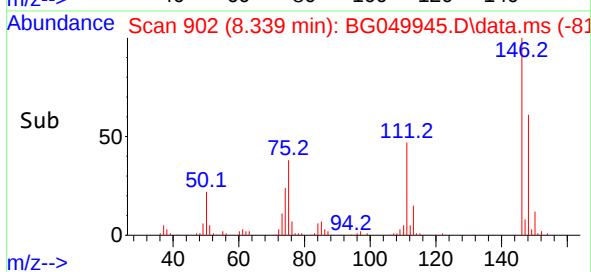
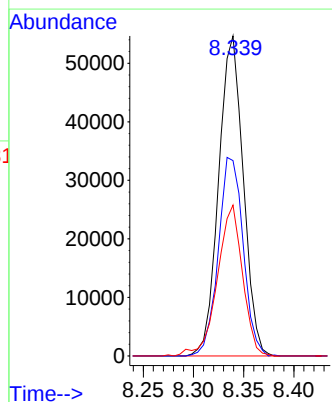
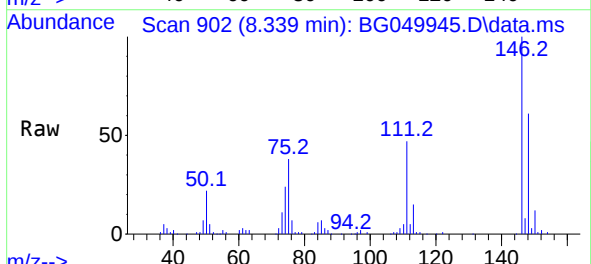
Manual Integrations  
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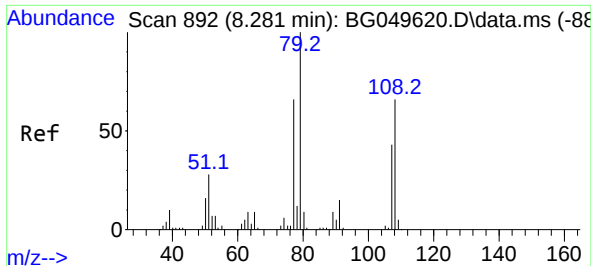
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#14  
1,2-Dichlorobenzene  
Concen: 38.437 ng  
RT: 8.339 min Scan# 902  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

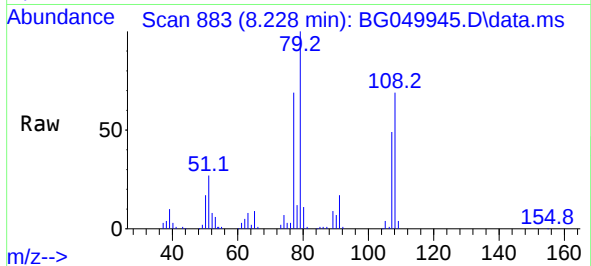
Tgt Ion:146 Resp: 93183  
Ion Ratio Lower Upper  
146 100  
148 61.0 47.5 71.3  
111 47.2 39.1 58.7





#15  
Benzyl Alcohol  
Concen: 38.363 ng m  
RT: 8.228 min Scan# 883  
Delta R.T. 0.001 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

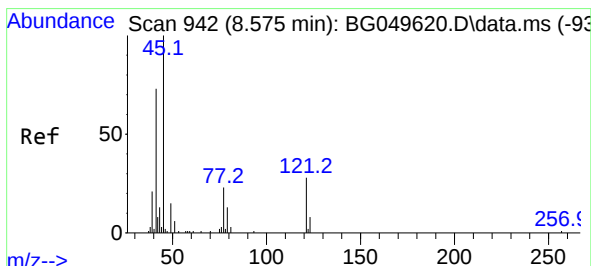
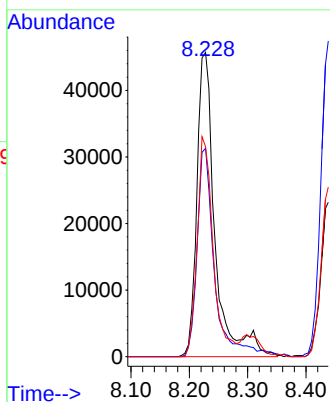
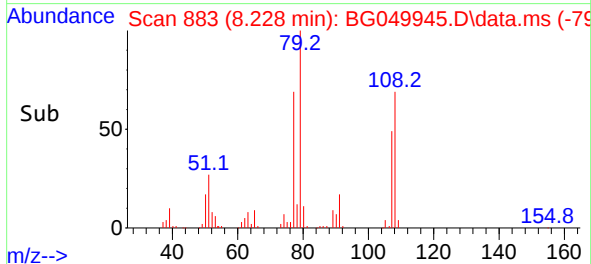
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



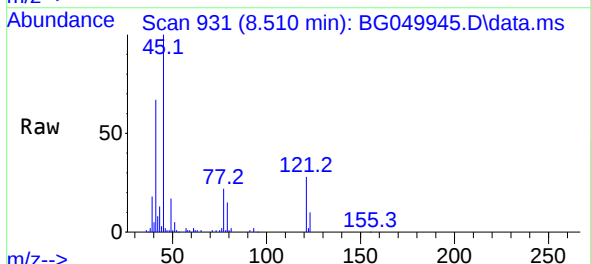
Tgt Ion: 79 Resp: 98741  
Ion Ratio Lower Upper  
79 100  
108 68.5 48.2 72.4  
77 69.0 57.3 85.9

Manual Integrations  
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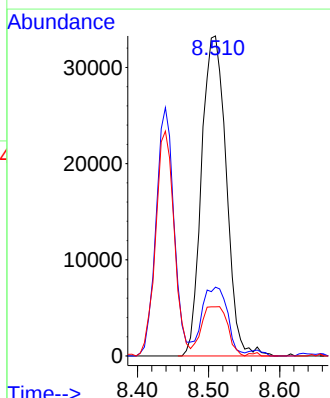
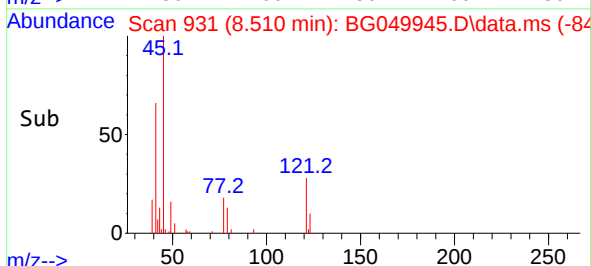
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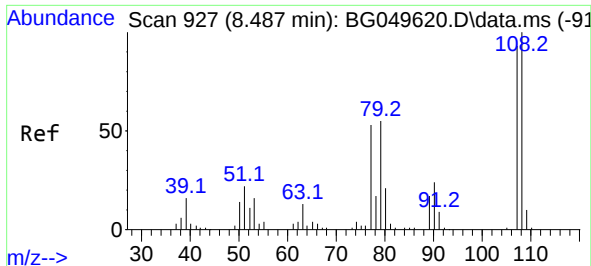


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.179 ng  
RT: 8.510 min Scan# 931  
Delta R.T. 0.001 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



Tgt Ion: 45 Resp: 80147  
Ion Ratio Lower Upper  
45 100  
77 21.5 2.2 42.2  
79 15.3 0.0 34.3





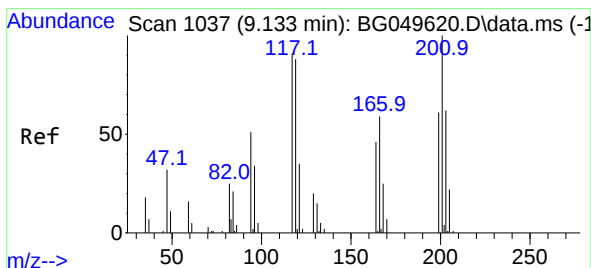
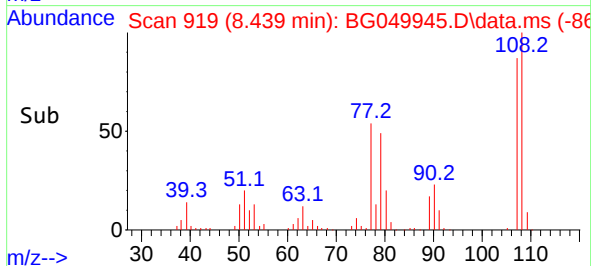
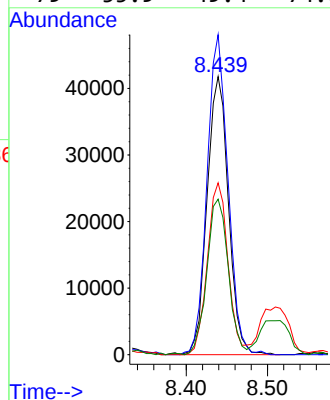
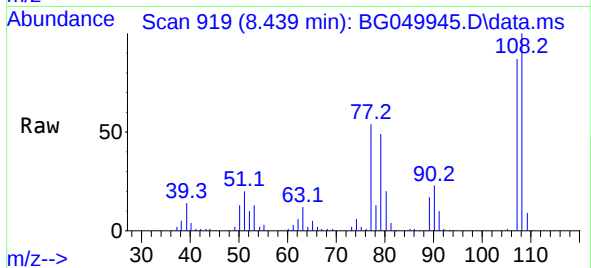
#17  
2-Methylphenol  
Concen: 39.033 ng  
RT: 8.439 min Scan# 919  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 76330 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 115.1 | 84.6  | 127.0 |
| 77       | 61.8  | 50.7  | 76.1  |
| 79       | 55.9  | 49.4  | 74.0  |

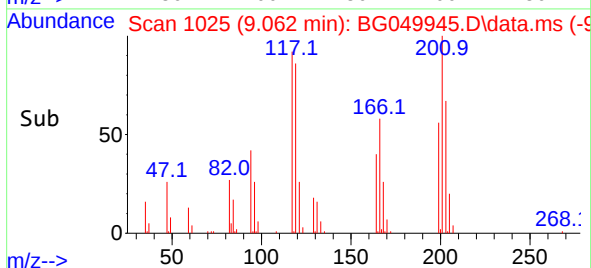
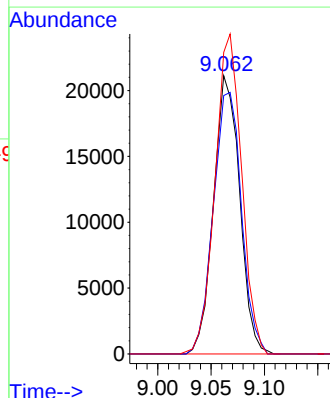
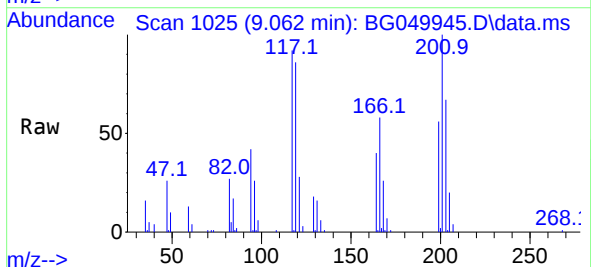
Manual Integrations  
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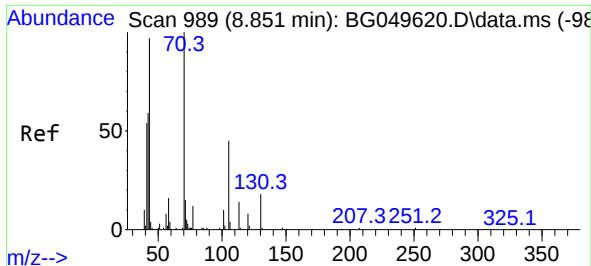
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#18  
Hexachloroethane  
Concen: 36.470 ng  
RT: 9.062 min Scan# 1025  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 35877 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.9  | 74.4  | 111.6 |
| 201      | 108.4 | 88.6  | 133.0 |





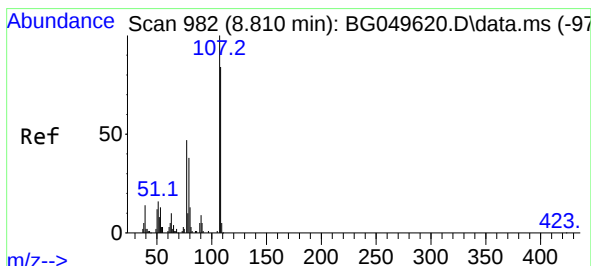
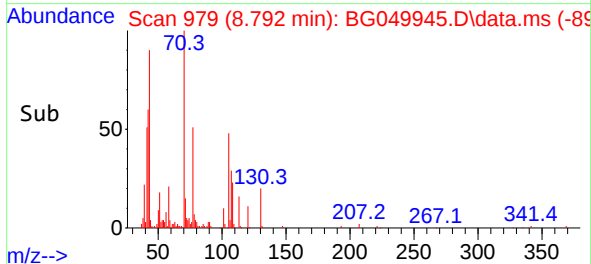
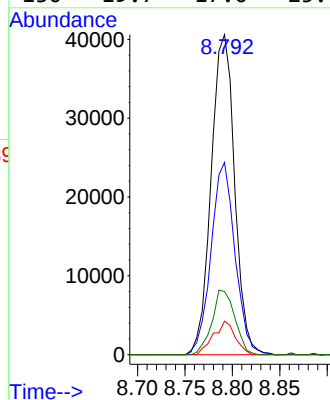
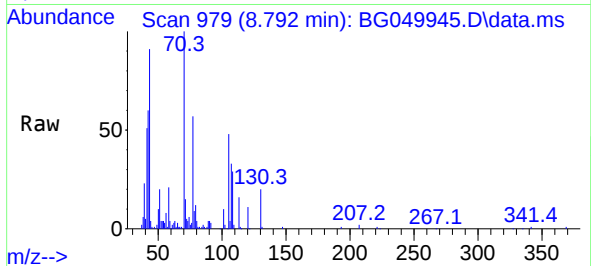
#19  
n-Nitroso-di-n-propylamine  
Concen: 34.007 ng  
RT: 8.792 min Scan# 979  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 70    | Resp: | 69746 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 60.1  | 54.5  | 81.7  |
| 101       | 10.5  | 9.0   | 13.6  |
| 130       | 19.7  | 17.0  | 25.6  |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

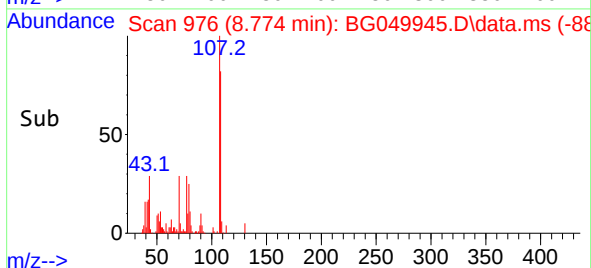
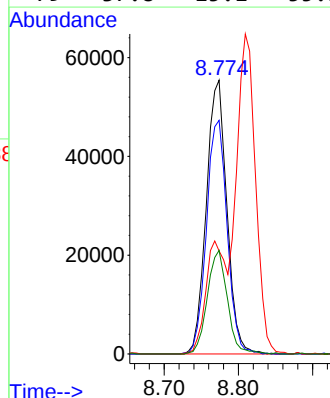
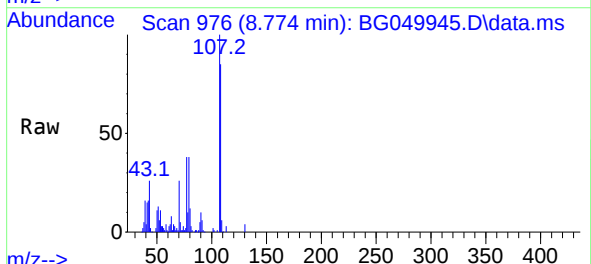
Manual Integrations  
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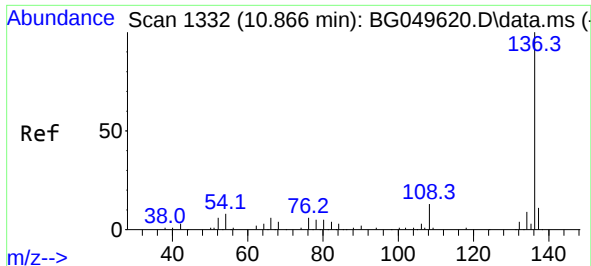
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#20  
3+4-Methylphenols  
Concen: 38.813 ng  
RT: 8.774 min Scan# 976  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

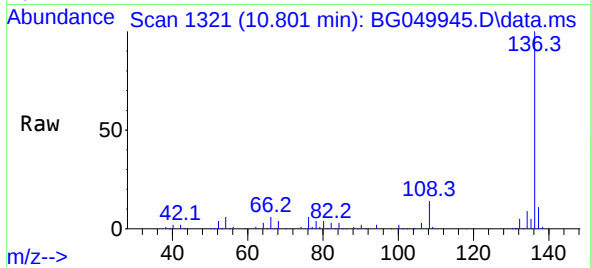
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 106596 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 85.3  | 69.3  | 109.3  |
| 77        | 37.6  | 25.2  | 65.2   |
| 79        | 37.8  | 15.1  | 55.1   |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.801 min Scan# 1321  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

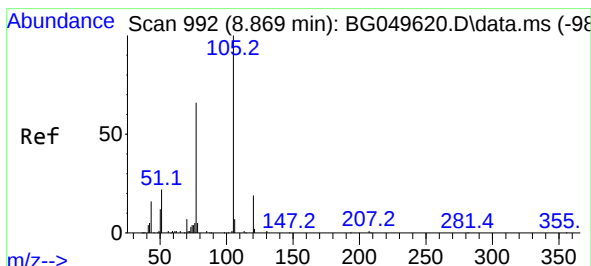
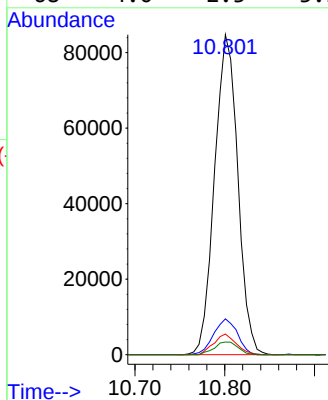
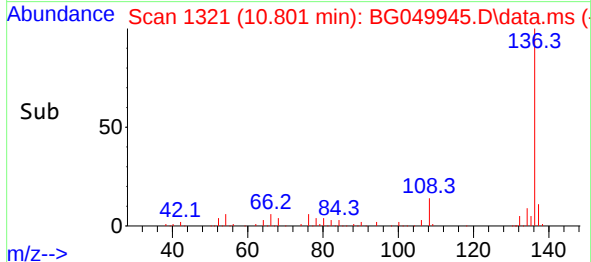
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



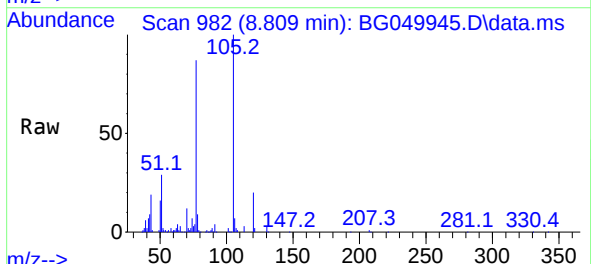
Tgt Ion:136 Resp: 152167  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.2 12.2  
54 6.5 5.5 8.3  
68 4.0 2.3 3.5#

Manual Integrations  
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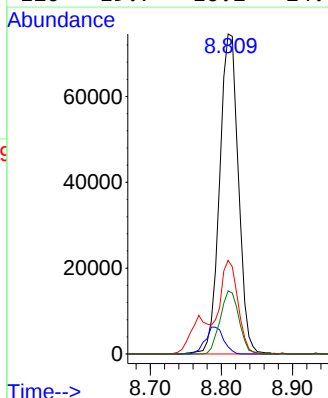
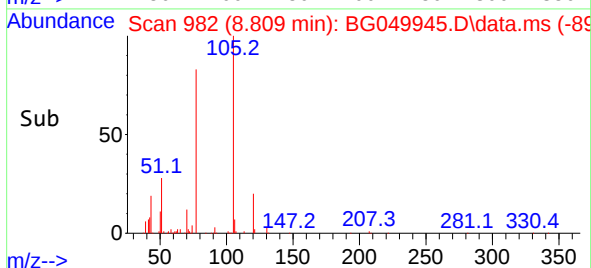
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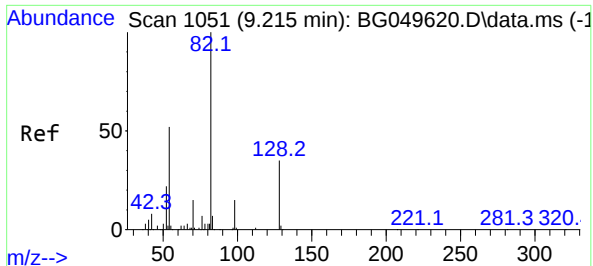


#22  
Acetophenone  
Concen: 33.009 ng  
RT: 8.809 min Scan# 982  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



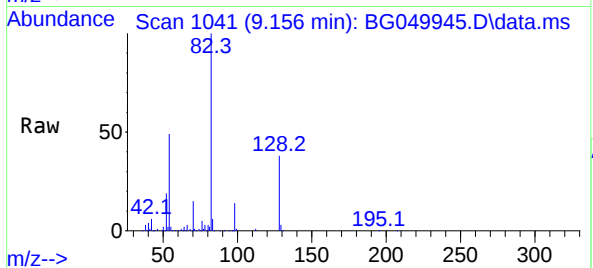
Tgt Ion:105 Resp: 136462  
Ion Ratio Lower Upper  
105 100  
71 2.2 0.6 0.8#  
51 29.3 26.6 40.0  
120 19.7 16.2 24.4





#23  
Nitrobenzene-d5  
Concen: 66.596 ng  
RT: 9.156 min Scan# 1041  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

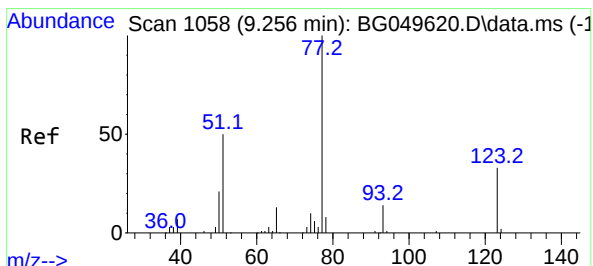
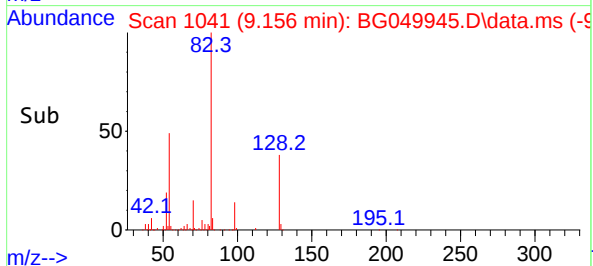
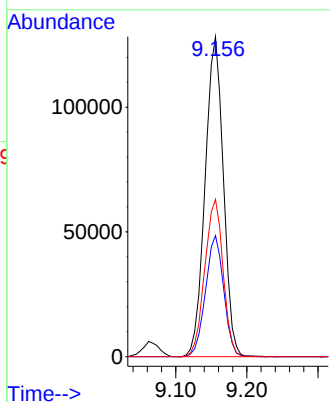
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



Tgt Ion: 82 Resp: 229003  
Ion Ratio Lower Upper  
82 100  
128 37.9 29.8 44.6  
54 49.2 45.8 68.8

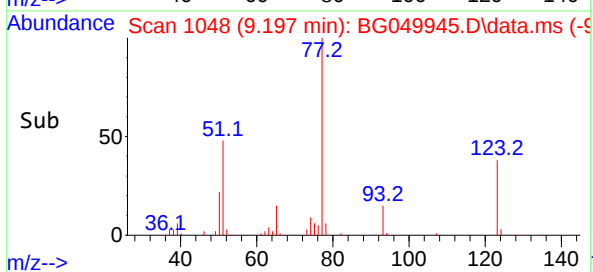
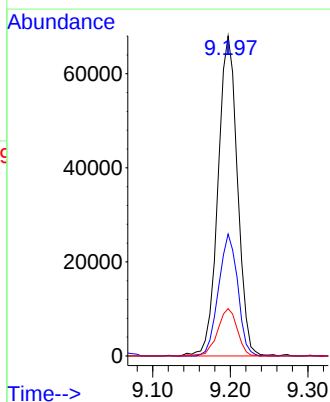
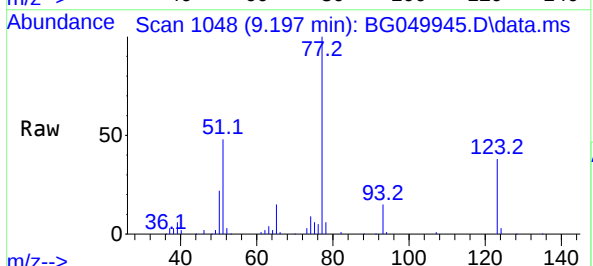
Manual Integrations  
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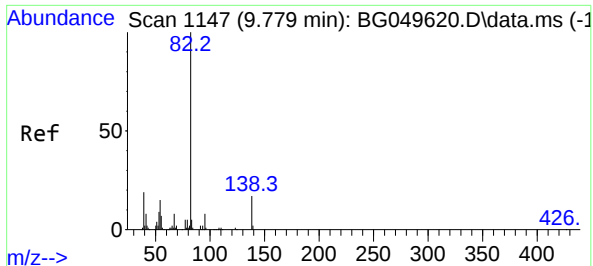
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#24  
Nitrobenzene  
Concen: 32.782 ng  
RT: 9.197 min Scan# 1048  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

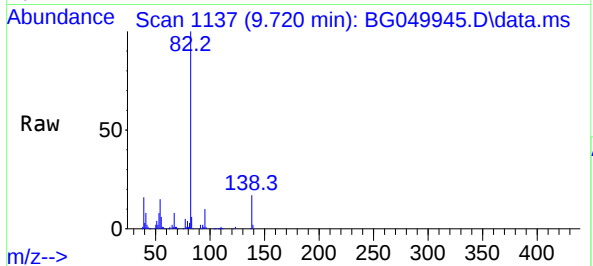
Tgt Ion: 77 Resp: 118950  
Ion Ratio Lower Upper  
77 100  
123 38.1 27.5 41.3  
65 14.8 12.6 18.8





#25  
Isophorone  
Concen: 32.277 ng  
RT: 9.720 min Scan# 1137  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

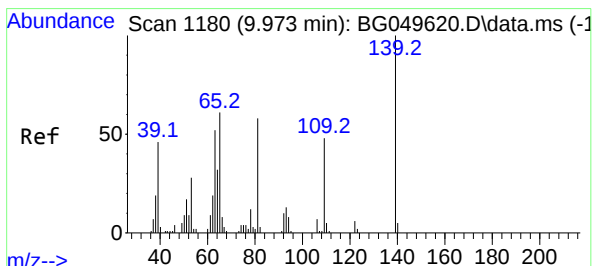
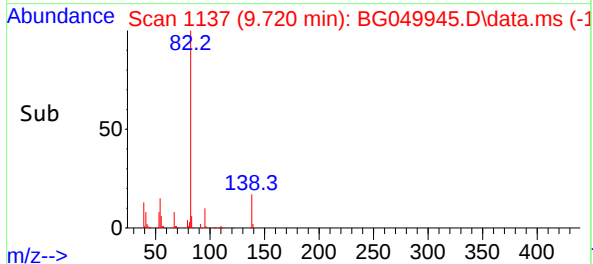
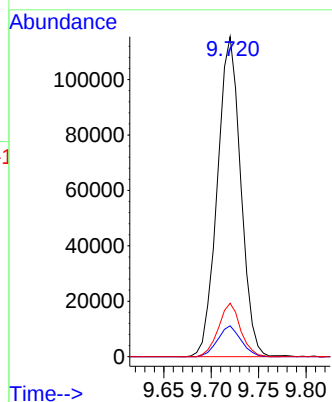
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



Tgt Ion: 82 Resp: 198058  
Ion Ratio Lower Upper  
82 100  
95 9.7 8.5 12.7  
138 16.7 11.8 17.6

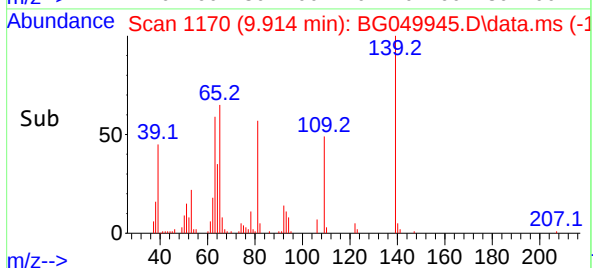
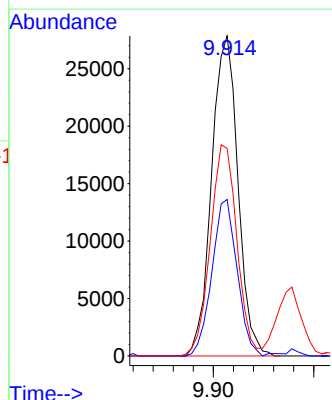
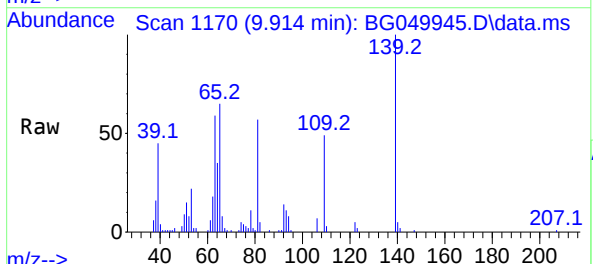
Manual Integrations  
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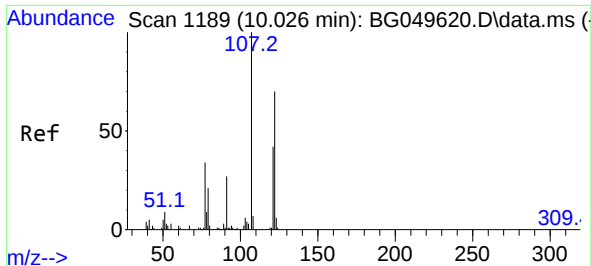
mohammad  
8/24/2021 11:19:26 AM



#26  
2-Nitrophenol  
Concen: 36.667 ng  
RT: 9.914 min Scan# 1170  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

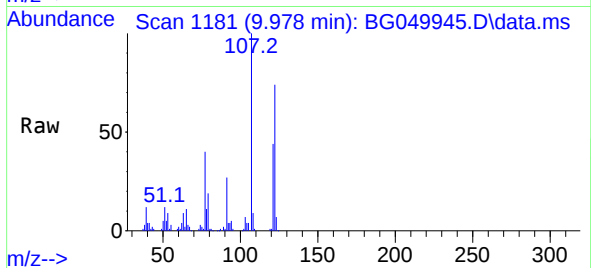
Tgt Ion: 139 Resp: 50775  
Ion Ratio Lower Upper  
139 100  
109 48.9 37.8 56.6  
65 64.9 51.8 77.8





#27  
2,4-Dimethylphenol  
Concen: 35.134 ng  
RT: 9.978 min Scan# 1181  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

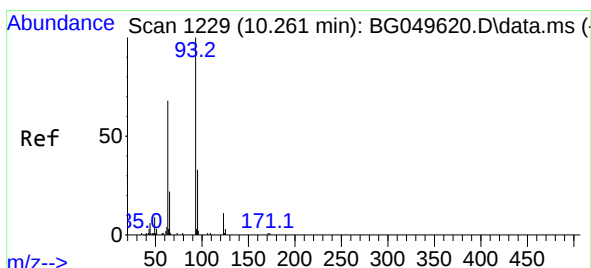
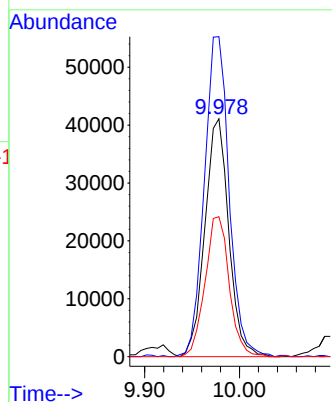
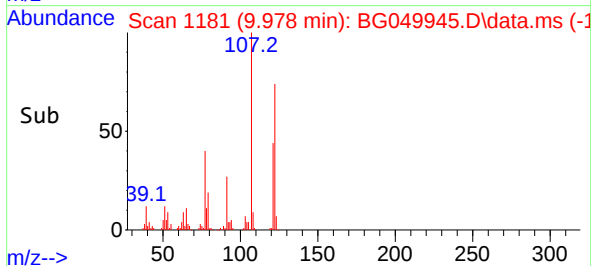
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



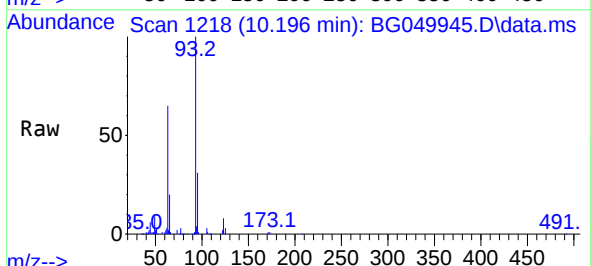
Tgt Ion:122 Resp: 71908  
Ion Ratio Lower Upper  
122 100  
107 134.5 110.1 165.1  
121 58.8 49.0 73.6

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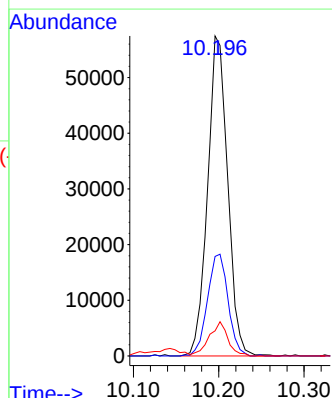
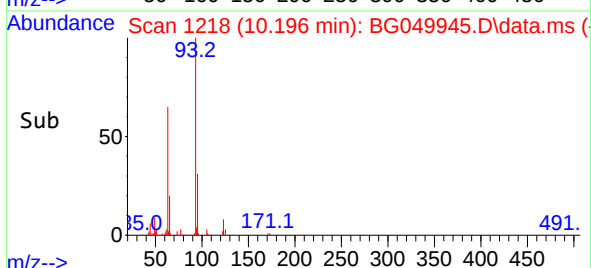
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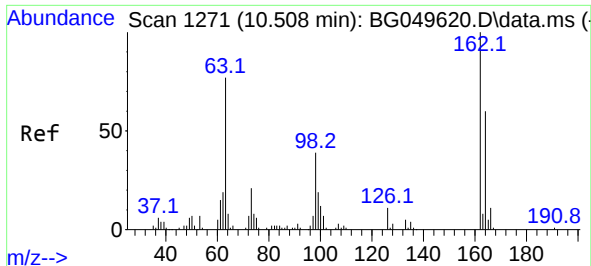


#28  
bis(2-Chloroethoxy)methane  
Concen: 34.955 ng  
RT: 10.196 min Scan# 1218  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



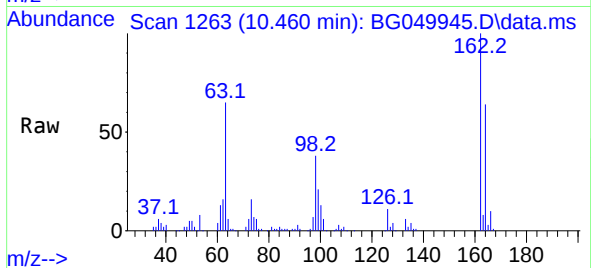
Tgt Ion: 93 Resp: 93829  
Ion Ratio Lower Upper  
93 100  
95 31.1 22.2 33.4  
123 7.9 8.8 13.2#





#29  
2,4-Dichlorophenol  
Concen: 36.684 ng  
RT: 10.460 min Scan# 1263  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

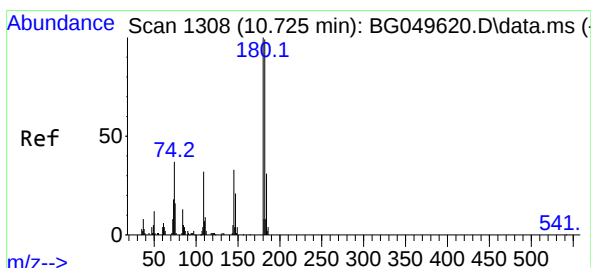
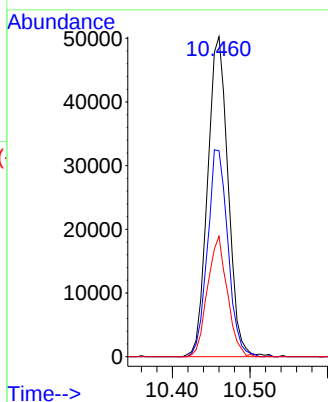
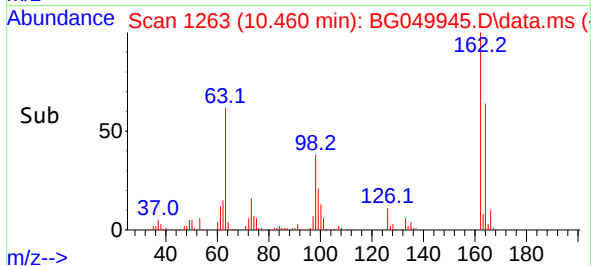
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



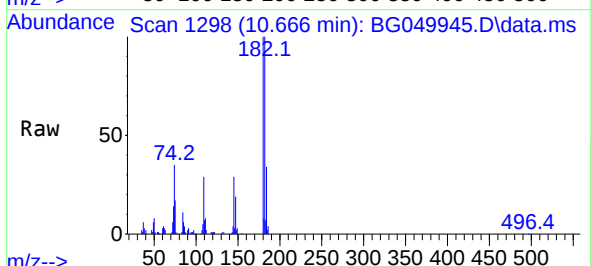
Tgt Ion:162 Resp: 92135  
Ion Ratio Lower Upper  
162 100  
164 64.4 39.4 79.4  
98 37.6 18.7 58.7

Manual Integrations  
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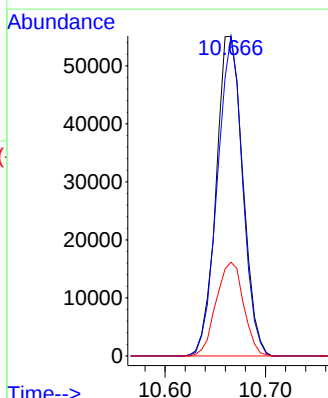
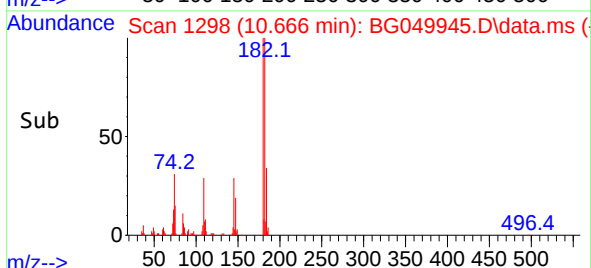
mohammad  
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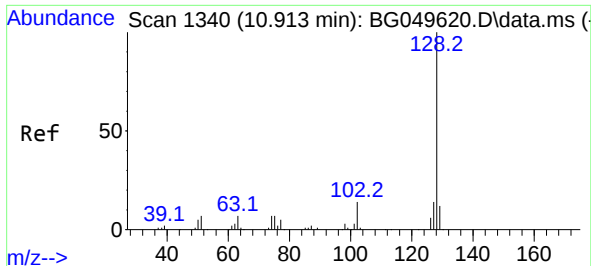


#30  
1,2,4-Trichlorobenzene  
Concen: 36.760 ng  
RT: 10.666 min Scan# 1298  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



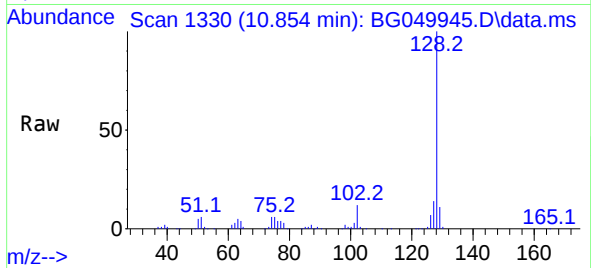
Tgt Ion:180 Resp: 101657  
Ion Ratio Lower Upper  
180 100  
182 100.1 78.9 118.3  
145 29.4 26.2 39.4





#31  
Naphthalene  
Concen: 35.149 ng  
RT: 10.854 min Scan# 1330  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

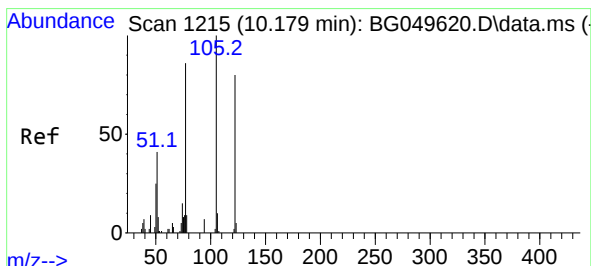
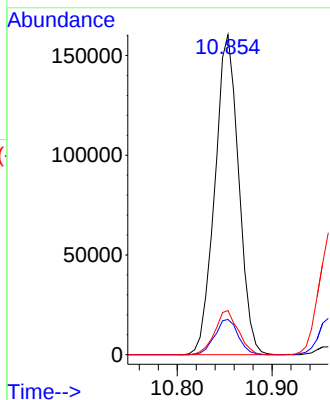
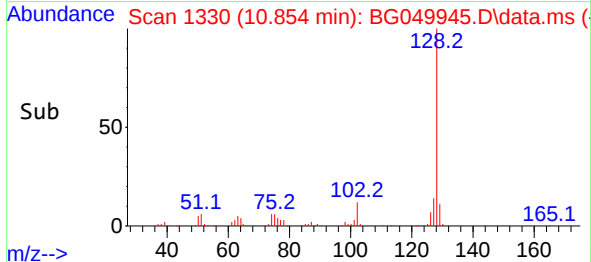
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



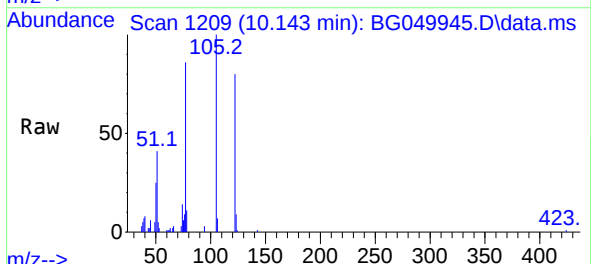
Tgt Ion:128 Resp: 280113  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 13.8 10.2 15.4

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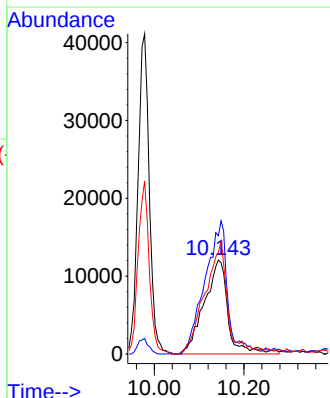
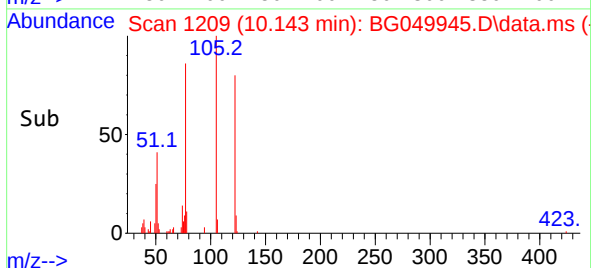
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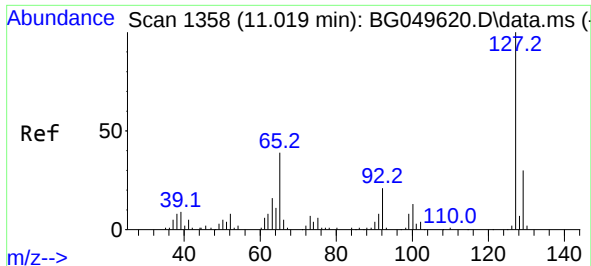


#32  
Benzoic acid  
Concen: 32.400 ng m  
RT: 10.143 min Scan# 1209  
Delta R.T. 0.007 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



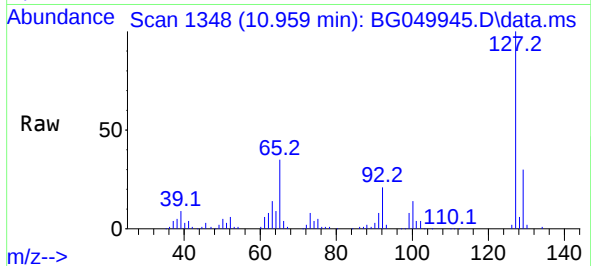
Tgt Ion:122 Resp: 44237  
Ion Ratio Lower Upper  
122 100  
105 125.8 92.3 132.3  
77 108.1 66.5 106.5#





#33  
4-Chloroaniline  
Concen: 36.601 ng  
RT: 10.959 min Scan# 1348  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

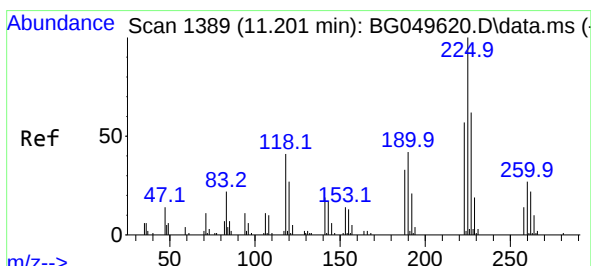
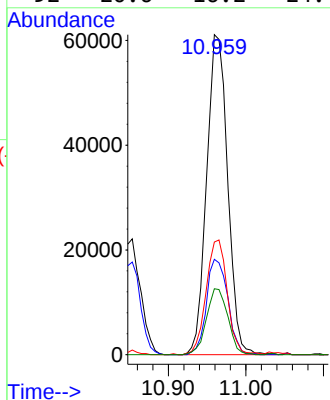
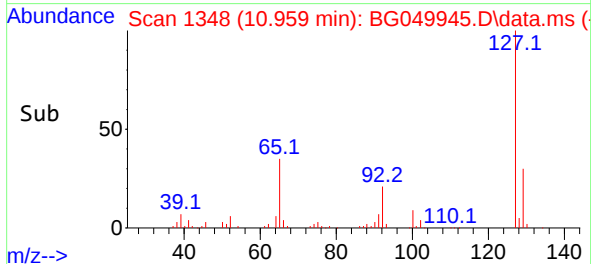
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



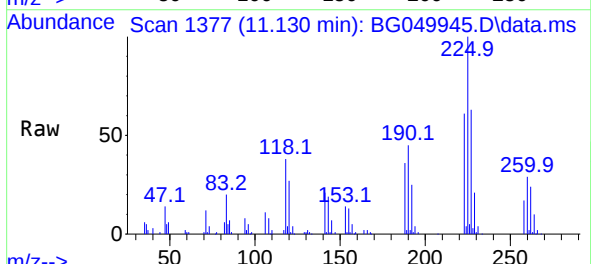
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 29.8  | 26.7  | 40.1  |
| 65      | 35.2  | 32.8  | 49.2  |
| 92      | 20.6  | 16.2  | 24.4  |

Manual Integrations  
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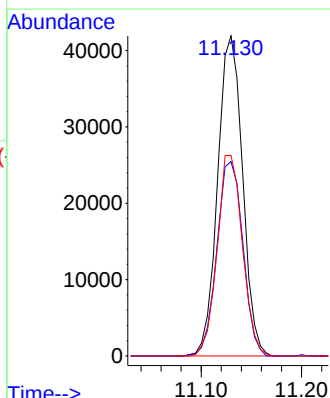
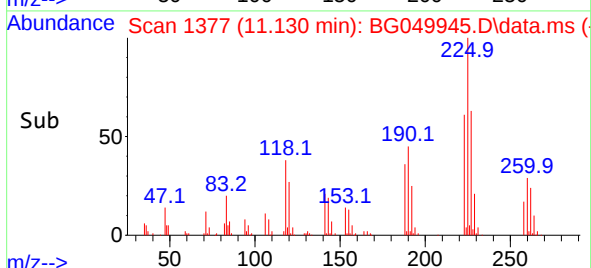
mohammad  
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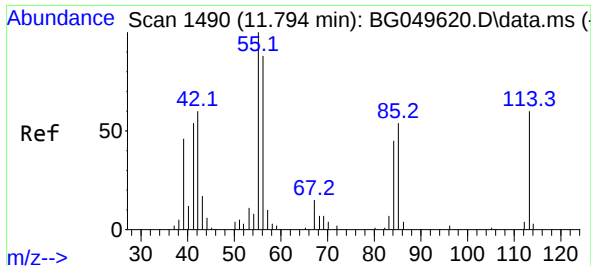


#34  
Hexachlorobutadiene  
Concen: 35.917 ng  
RT: 11.130 min Scan# 1377  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.7  | 49.8  | 74.8  |
| 227     | 62.7  | 46.4  | 69.6  |





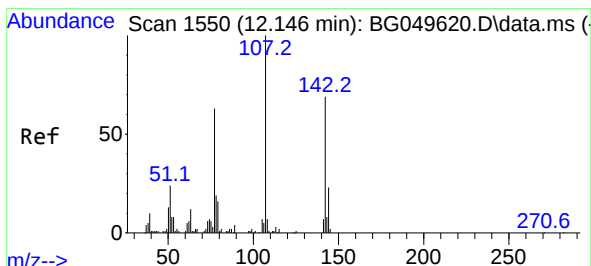
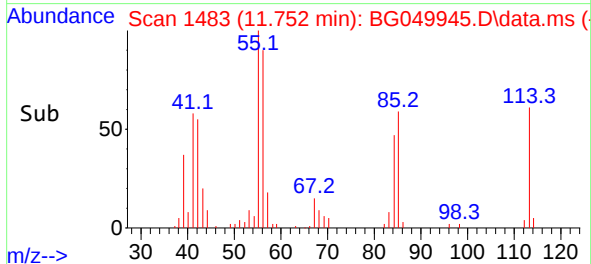
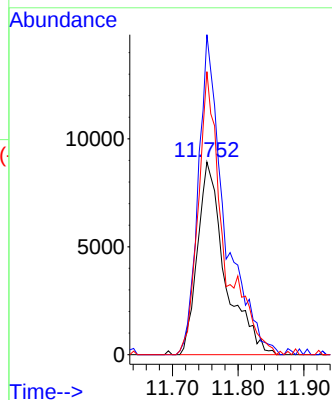
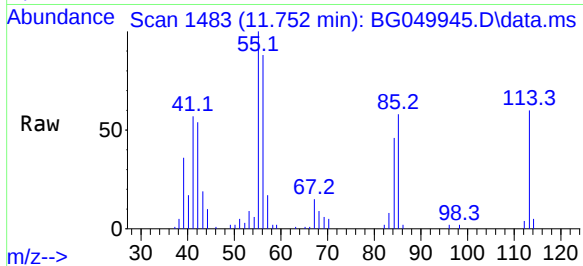
#35  
Caprolactam  
Concen: 33.704 ng  
RT: 11.752 min Scan# 1483  
Delta R.T. 0.001 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:113 Resp: 26155  
Ion Ratio Lower Upper  
113 100  
55 166.1 113.8 153.8#  
56 146.9 105.6 145.6#

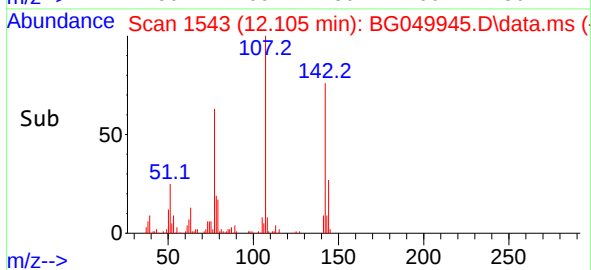
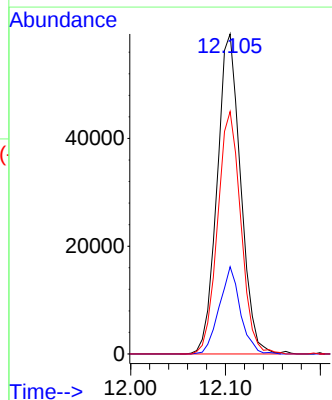
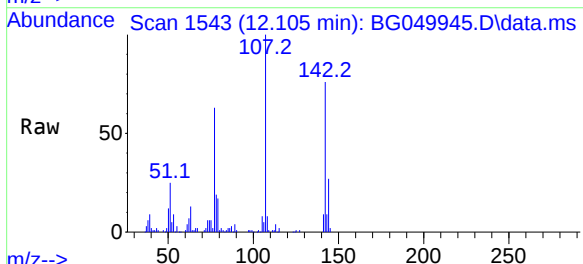
Manual Integrations  
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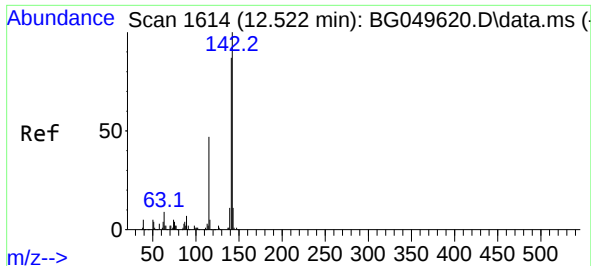
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#36  
4-Chloro-3-methylphenol  
Concen: 35.267 ng  
RT: 12.105 min Scan# 1543  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

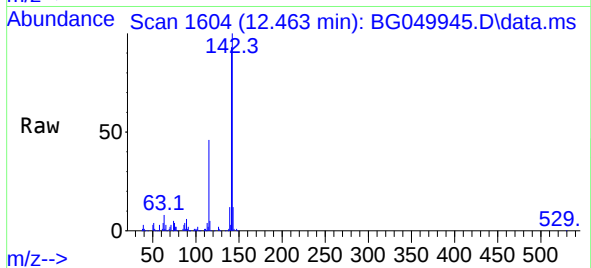
Tgt Ion:107 Resp: 102314  
Ion Ratio Lower Upper  
107 100  
144 27.3 24.8 37.2  
142 75.8 62.2 93.4





#37  
2-Methylnaphthalene  
Concen: 35.240 ng  
RT: 12.463 min Scan# 1604  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

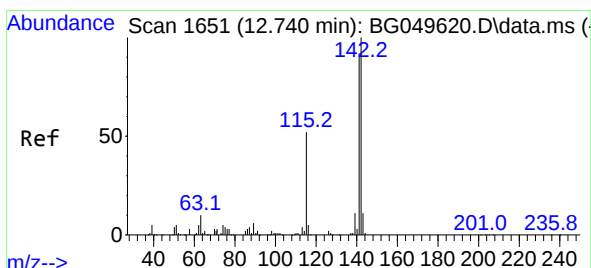
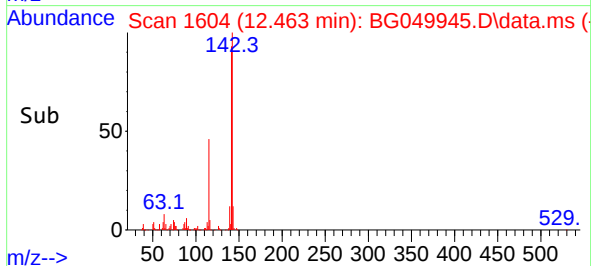
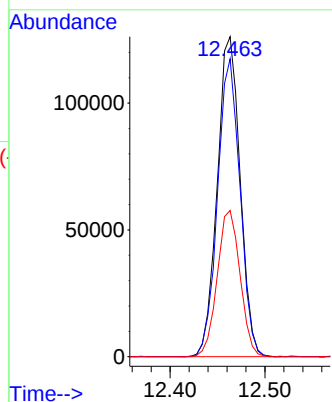
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



Tgt Ion:142 Resp: 211559  
Ion Ratio Lower Upper  
142 100  
141 93.1 68.8 103.2  
115 45.7 36.4 54.6

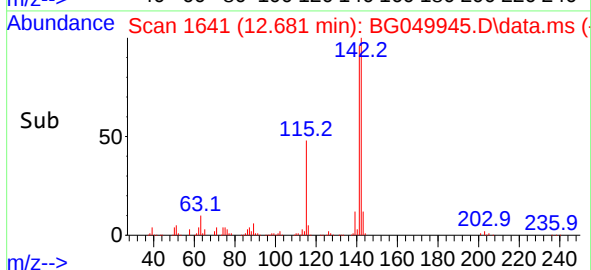
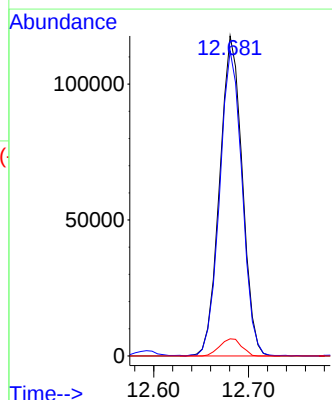
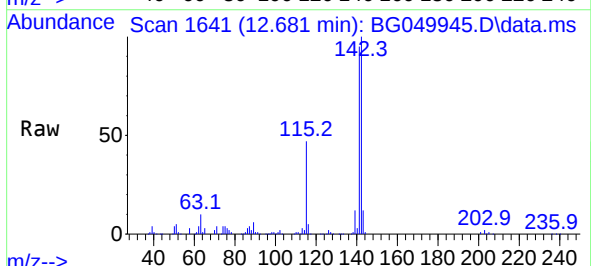
Manual Integrations  
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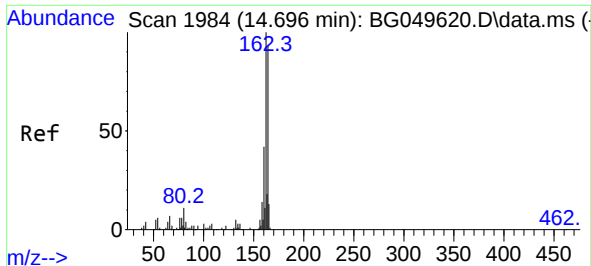
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#38  
1-Methylnaphthalene  
Concen: 34.514 ng  
RT: 12.681 min Scan# 1641  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

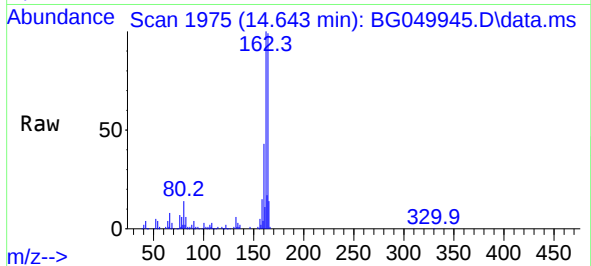
Tgt Ion:142 Resp: 194732  
Ion Ratio Lower Upper  
142 100  
141 95.4 70.6 106.0  
116 5.3 4.0 6.0





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.643 min Scan# 1975  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

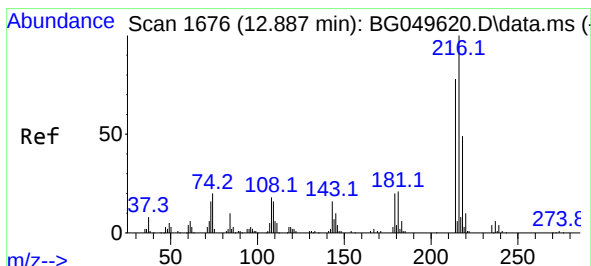
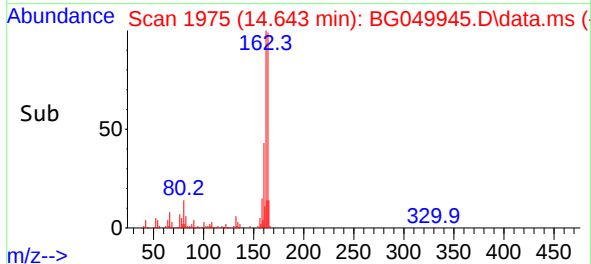
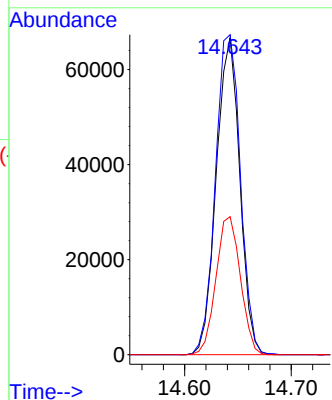
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



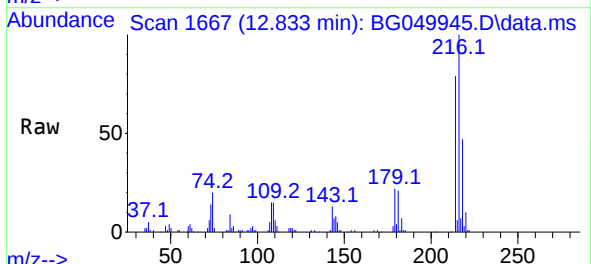
Tgt Ion:164 Resp: 101965  
Ion Ratio Lower Upper  
164 100  
162 100.9 81.4 122.0  
160 43.6 34.9 52.3

Manual Integrations  
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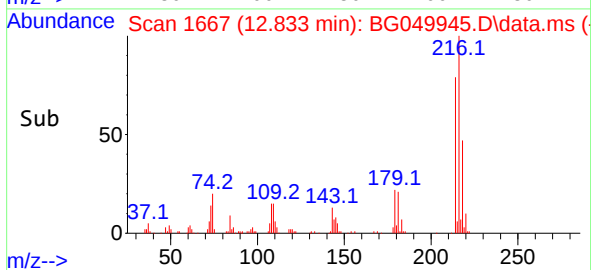
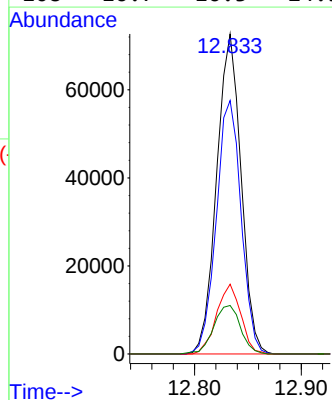
mohammad  
8/24/2021 11:19:26 AM

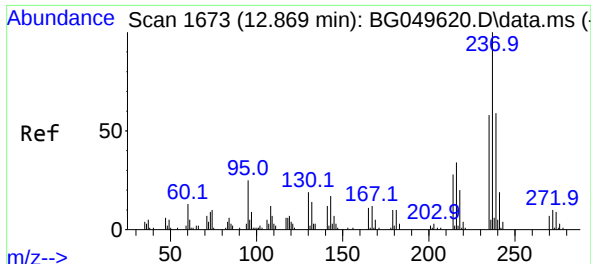


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.377 ng  
RT: 12.833 min Scan# 1667  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



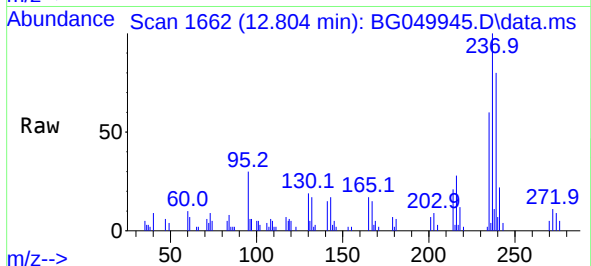
Tgt Ion:216 Resp: 115299  
Ion Ratio Lower Upper  
216 100  
214 80.5 61.4 92.2  
179 21.7 17.3 25.9  
108 16.7 16.3 24.5





#41  
Hexachlorocyclopentadiene  
Concen: 11.938 ng  
RT: 12.804 min Scan# 1662  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

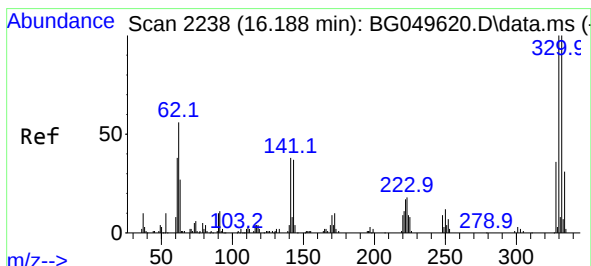
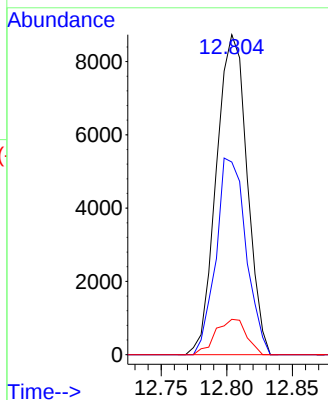
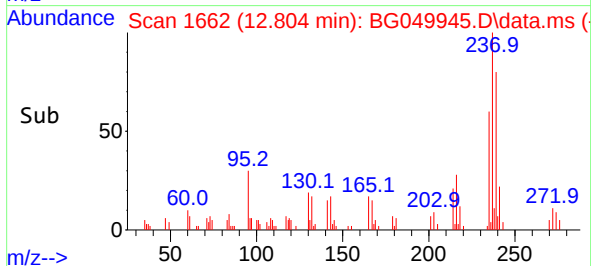
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



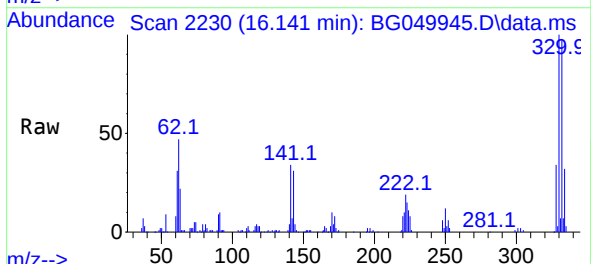
Tgt Ion:237 Resp: 14210  
Ion Ratio Lower Upper  
237 100  
235 60.2 36.6 76.6  
272 11.0 0.0 32.5

Manual Integrations  
APPROVED

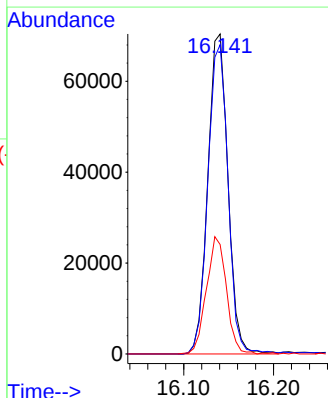
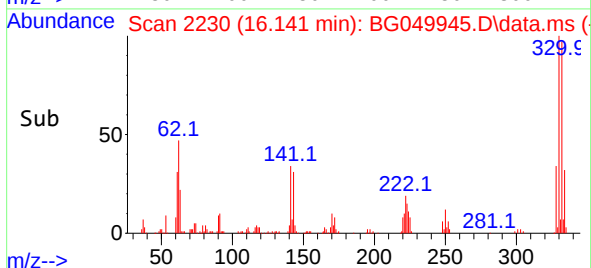
mohammad  
8/24/2021 11:19:26 AM

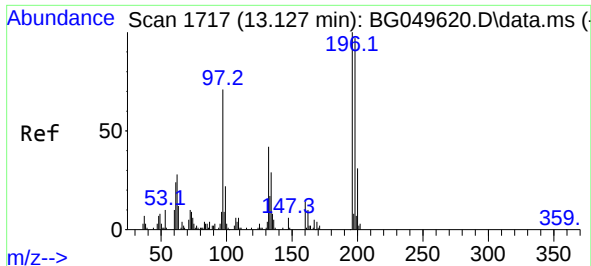


#42  
2,4,6-Tribromophenol  
Concen: 73.185 ng  
RT: 16.141 min Scan# 2230  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



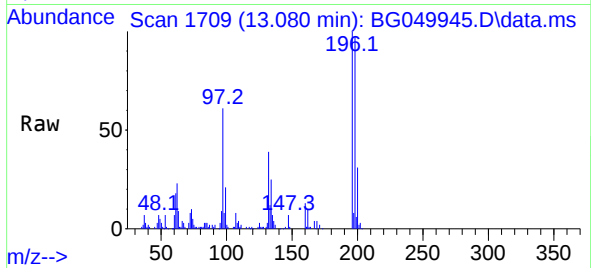
Tgt Ion:330 Resp: 109686  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.3 115.9  
141 36.4 35.6 53.4





#43  
2,4,6-Trichlorophenol  
Concen: 38.854 ng  
RT: 13.080 min Scan# 1709  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

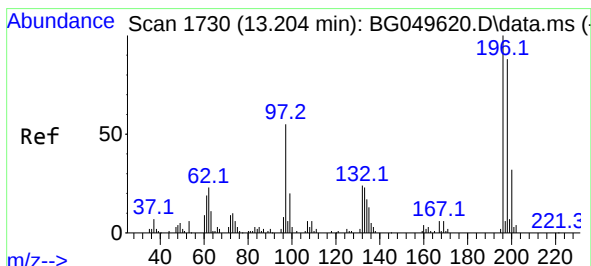
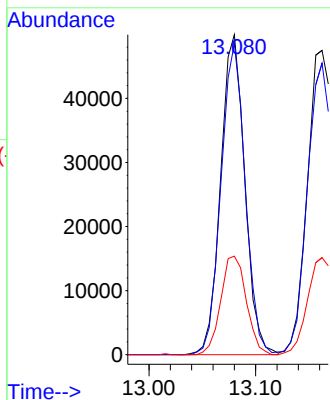
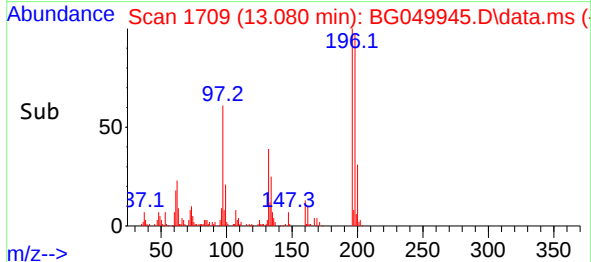
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



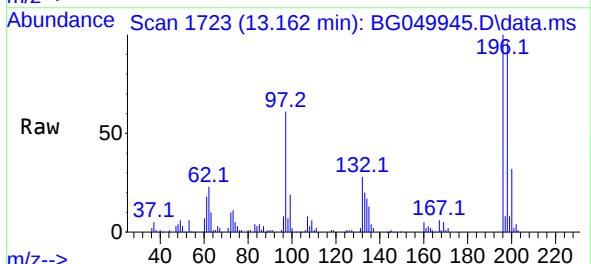
Tgt Ion:196 Resp: 78697  
Ion Ratio Lower Upper  
196 100  
198 97.3 82.1 123.1  
200 30.8 23.8 35.8

Manual Integrations  
APPROVED

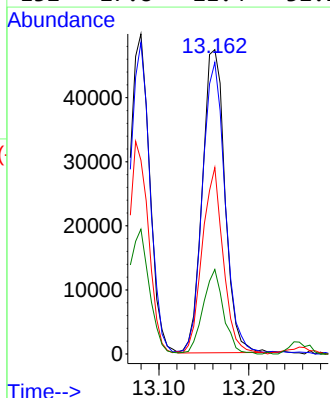
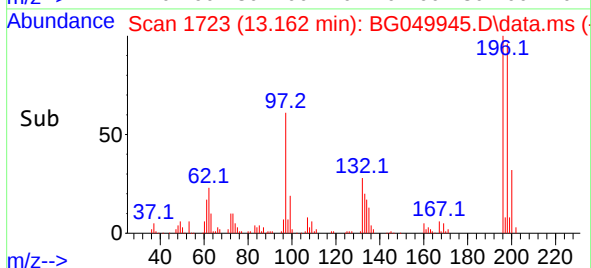
mohammad  
8/24/2021 11:19:26 AM

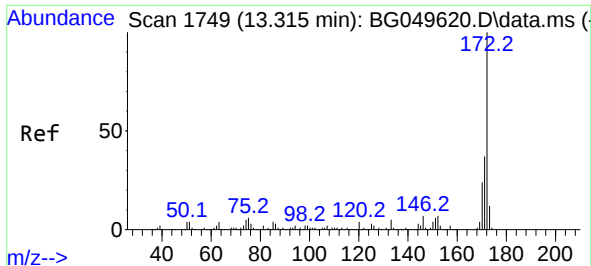


#44  
2,4,5-Trichlorophenol  
Concen: 37.681 ng  
RT: 13.162 min Scan# 1723  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



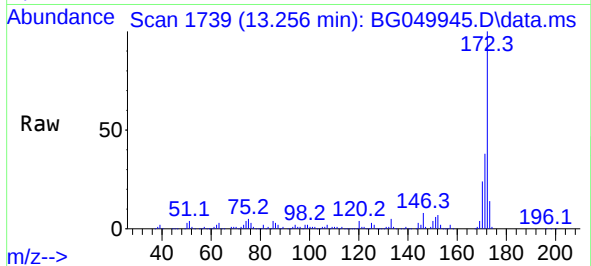
Tgt Ion:196 Resp: 82799  
Ion Ratio Lower Upper  
196 100  
198 95.8 87.4 131.0  
97 61.3 43.3 64.9  
132 27.8 21.4 32.2





#45  
2-Fluorobiphenyl  
Concen: 71.606 ng  
RT: 13.256 min Scan# 1739  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

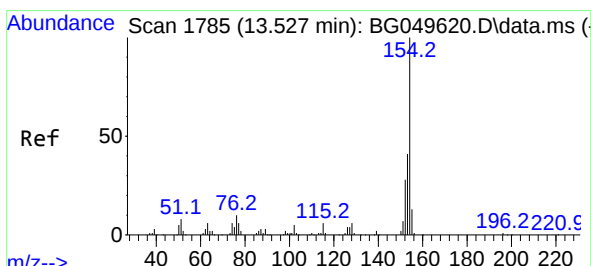
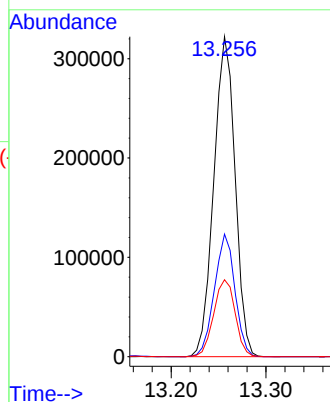
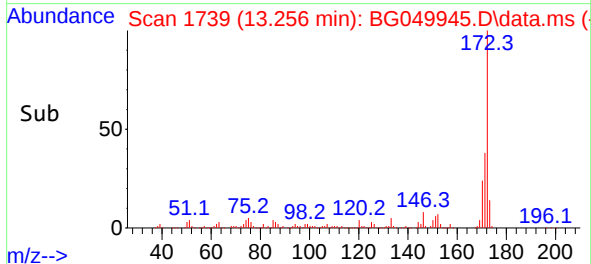
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



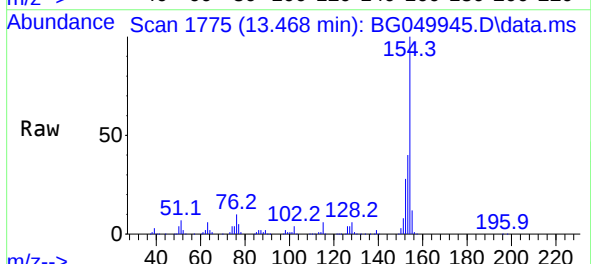
Tgt Ion:172 Resp: 501779  
Ion Ratio Lower Upper  
172 100  
171 38.3 28.6 43.0  
170 24.1 18.6 27.8

Manual Integrations  
APPROVED

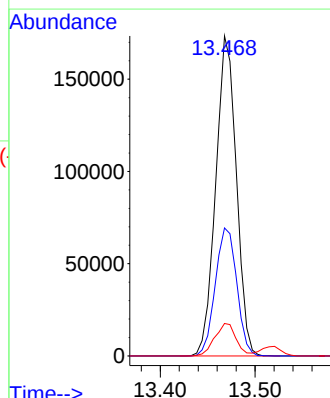
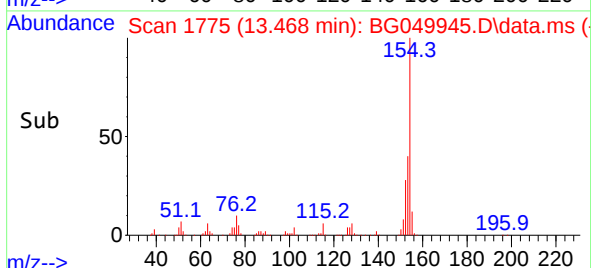
mohammad  
8/24/2021 11:19:26 AM

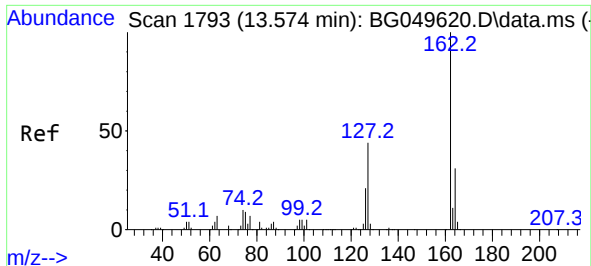


#46  
1,1'-Biphenyl  
Concen: 36.112 ng  
RT: 13.468 min Scan# 1775  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



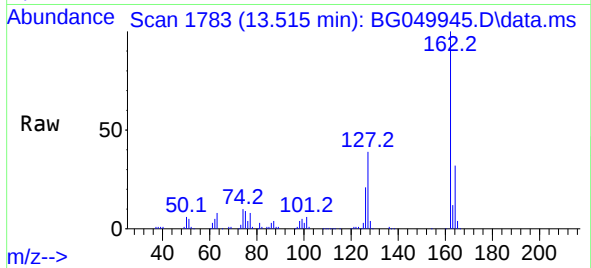
Tgt Ion:154 Resp: 262254  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.5 60.5  
76 10.2 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 37.166 ng  
RT: 13.515 min Scan# 1783  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

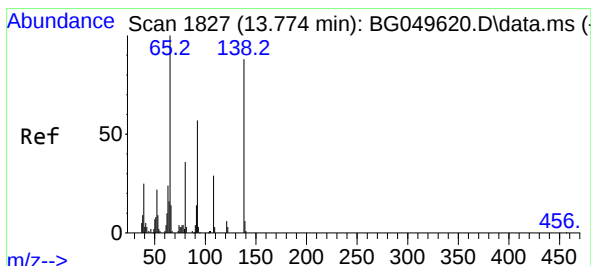
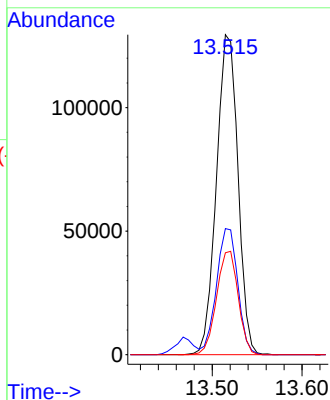
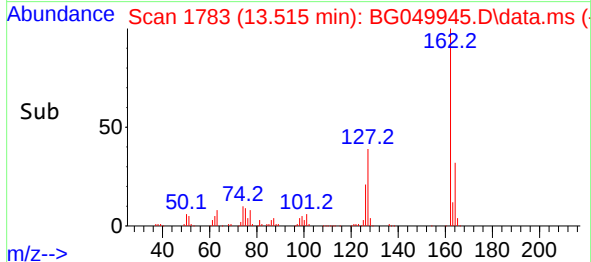
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



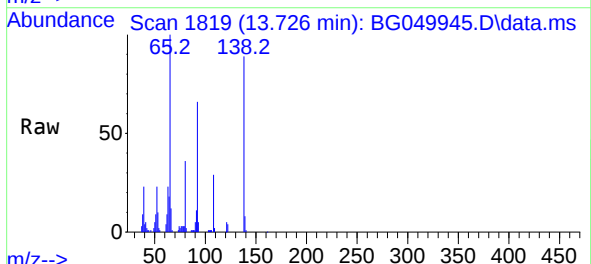
Tgt Ion:162 Resp: 215580  
Ion Ratio Lower Upper  
162 100  
127 39.4 32.7 49.1  
164 31.8 27.0 40.4

Manual Integrations  
APPROVED

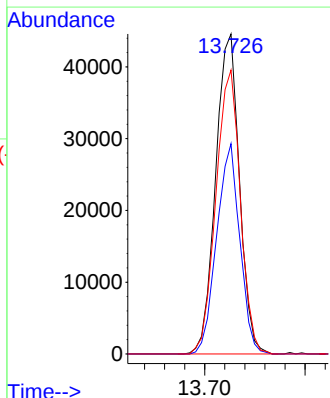
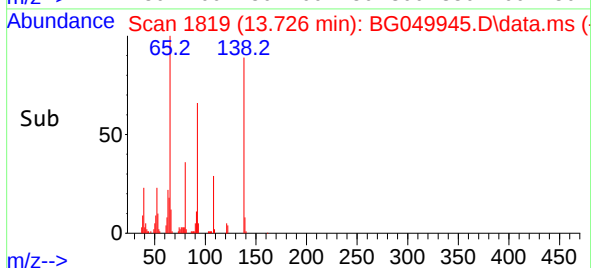
mohammad  
8/24/2021 11:19:26 AM

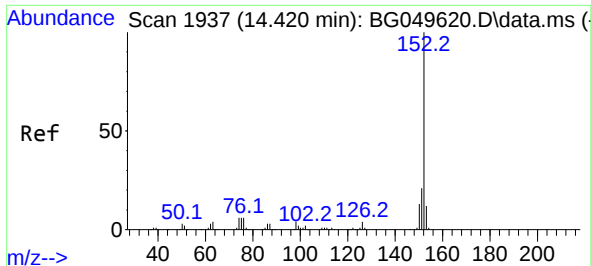


#48  
2-Nitroaniline  
Concen: 34.367 ng  
RT: 13.726 min Scan# 1819  
Delta R.T. 0.001 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



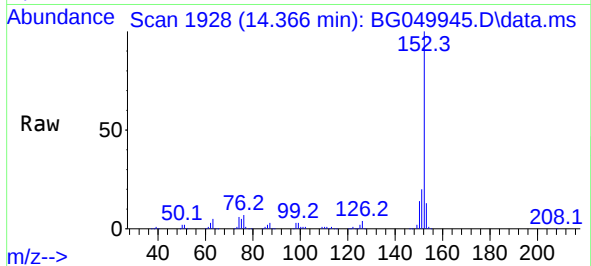
Tgt Ion: 65 Resp: 73198  
Ion Ratio Lower Upper  
65 100  
92 65.7 47.2 70.8  
138 88.7 68.0 102.0





#49  
Acenaphthylene  
Concen: 35.419 ng  
RT: 14.366 min Scan# 1928  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

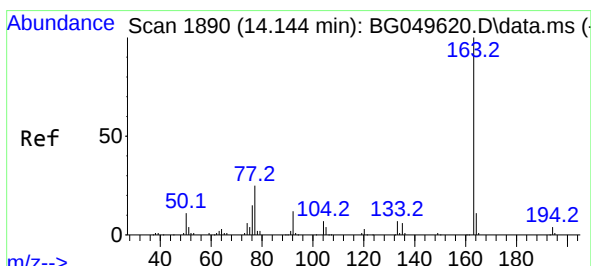
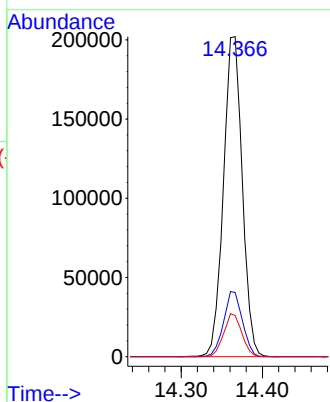
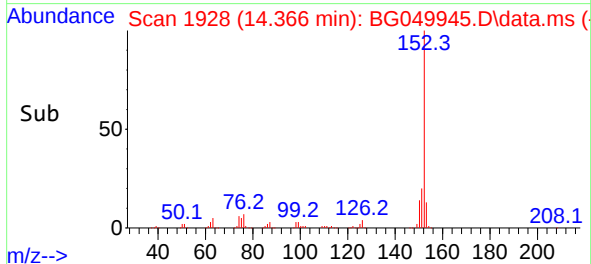
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



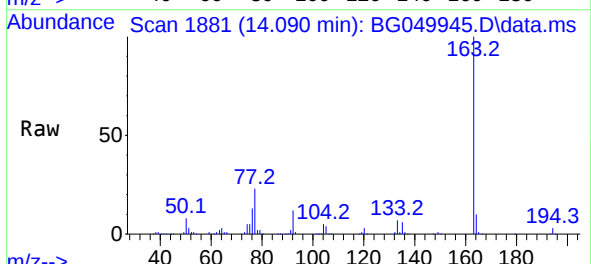
Tgt Ion:152 Resp: 325618  
Ion Ratio Lower Upper  
152 100  
151 20.0 18.2 27.4  
153 12.9 11.7 17.5

Manual Integrations  
APPROVED

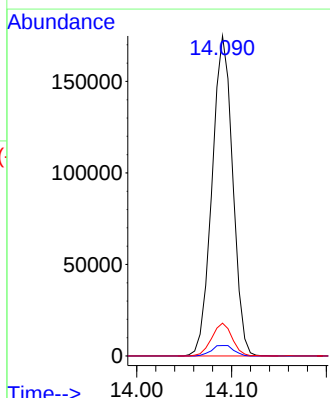
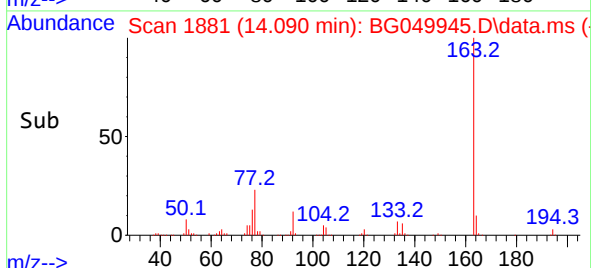
mohammad  
8/24/2021 11:19:26 AM

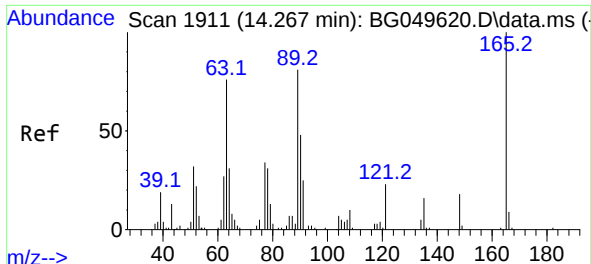


#50  
Dimethylphthalate  
Concen: 34.434 ng  
RT: 14.090 min Scan# 1881  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



Tgt Ion:163 Resp: 264904  
Ion Ratio Lower Upper  
163 100  
194 3.3 3.0 4.6  
164 10.2 8.6 12.8





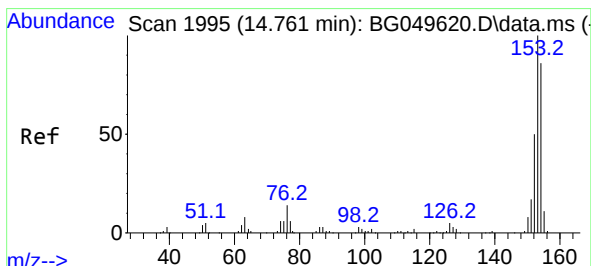
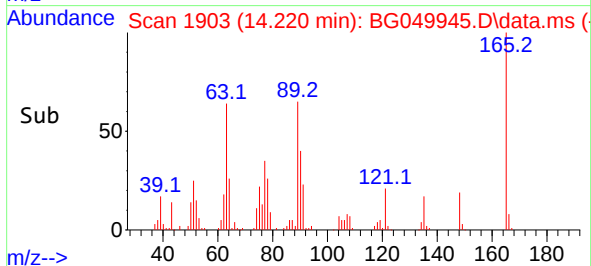
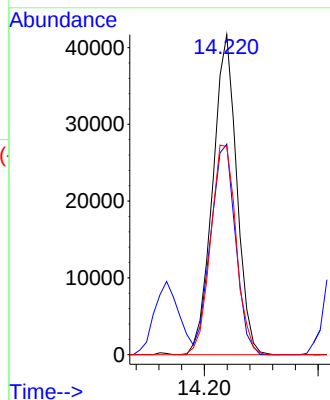
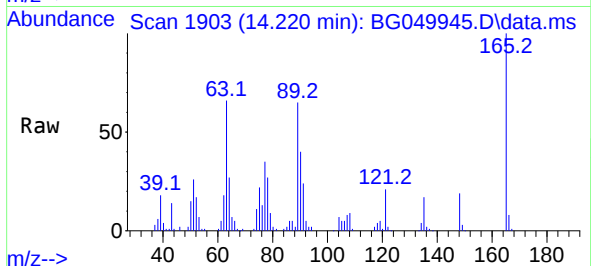
#51  
2,6-Dinitrotoluene  
Concen: 36.031 ng  
RT: 14.220 min Scan# 1903  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 61031 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 65.8  | 63.3  | 94.9  |
| 89        | 65.1  | 63.4  | 95.0  |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

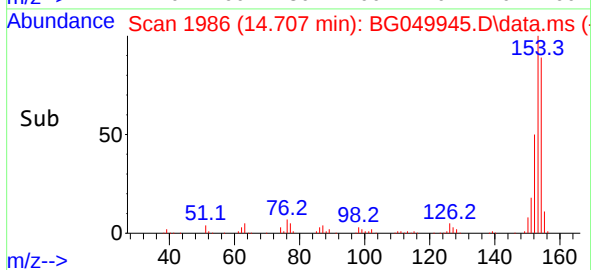
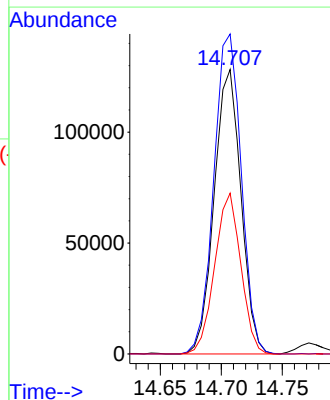
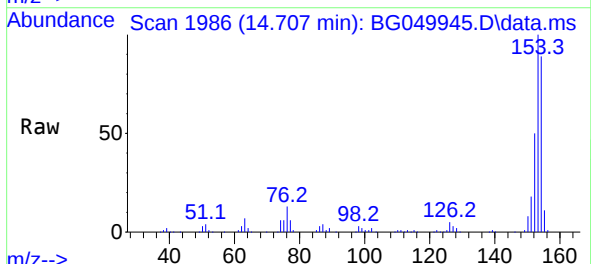
Manual Integrations  
APPROVED

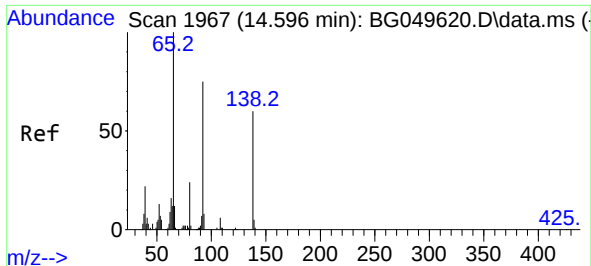
mohammad  
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#52  
Acenaphthene  
Concen: 35.426 ng  
RT: 14.707 min Scan# 1986  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

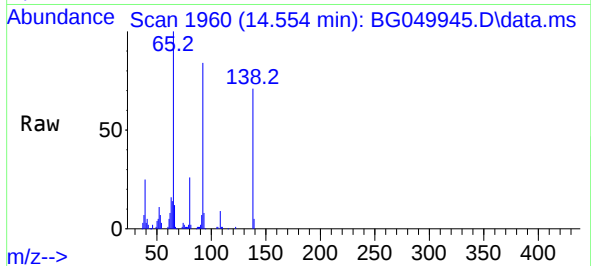
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 196193 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.5 | 87.0  | 130.4  |
| 152       | 56.5  | 40.1  | 60.1   |





#53  
3-Nitroaniline  
Concen: 36.553 ng  
RT: 14.554 min Scan# 1960  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

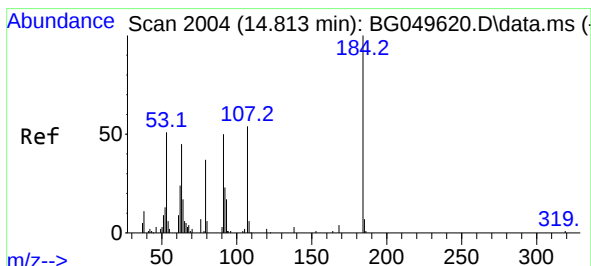
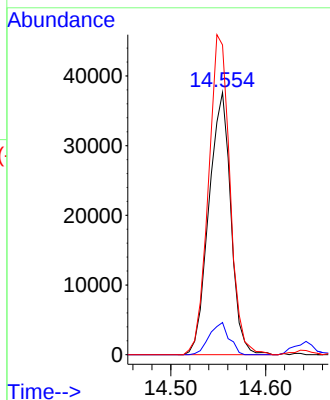
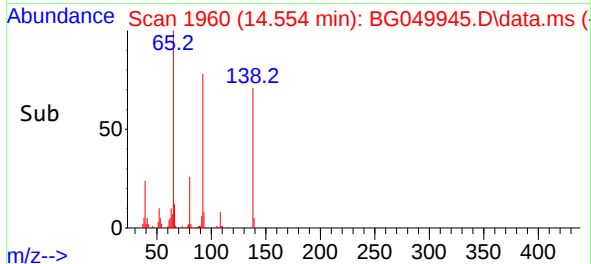
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BNA\_G  
ClientSampleId :  
SSTDCCC040EC



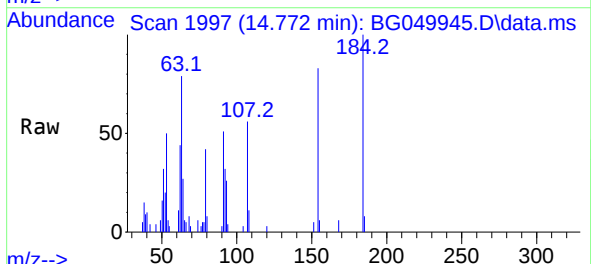
Tgt Ion:138 Resp: 60380  
Ion Ratio Lower Upper  
138 100  
108 12.3 8.3 12.5  
92 118.1 96.4 144.6

Manual Integrations  
APPROVED

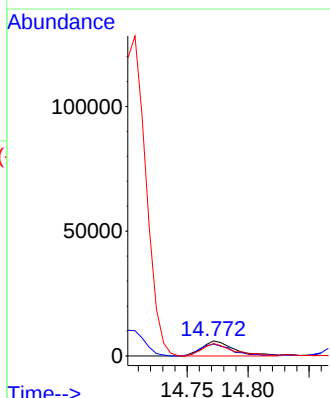
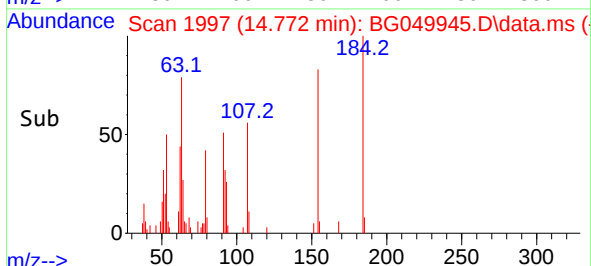
mohammad  
8/24/2021 11:19:26 AM

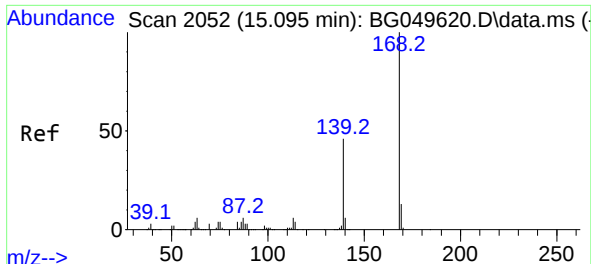


#54  
2,4-Dinitrophenol  
Concen: 11.405 ng  
RT: 14.772 min Scan# 1997  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

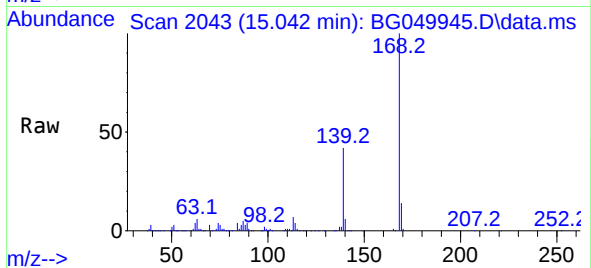


Tgt Ion:184 Resp: 10967  
Ion Ratio Lower Upper  
184 100  
63 79.2 68.3 102.5  
154 83.0 62.6 93.8

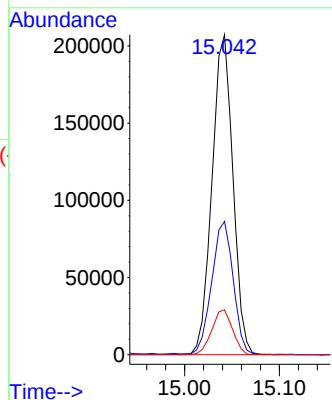
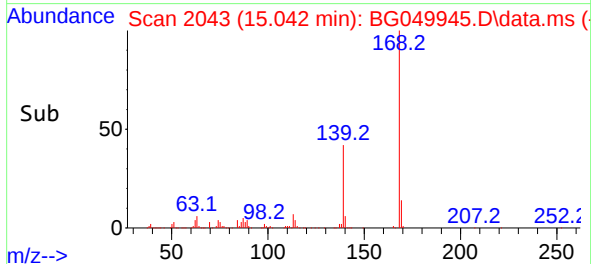




#55  
Dibenzenofuran  
Concen: 35.184 ng  
RT: 15.042 min Scan# 2043  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



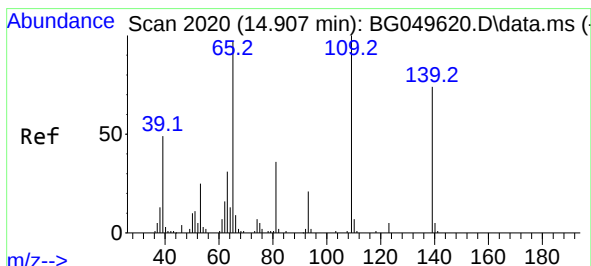
Tgt Ion:168 Resp: 316100  
Ion Ratio Lower Upper  
168 100  
139 41.7 33.4 50.2  
169 14.0 12.3 18.5



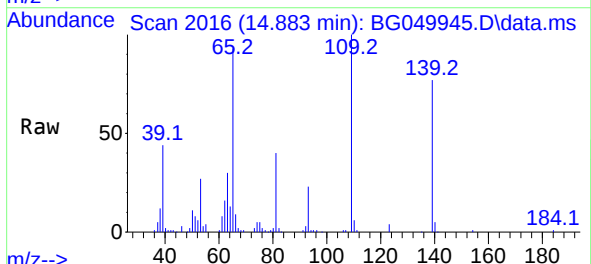
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Manual Integrations  
APPROVED

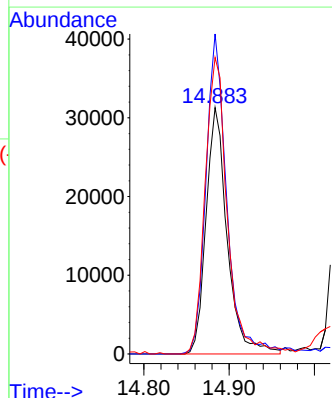
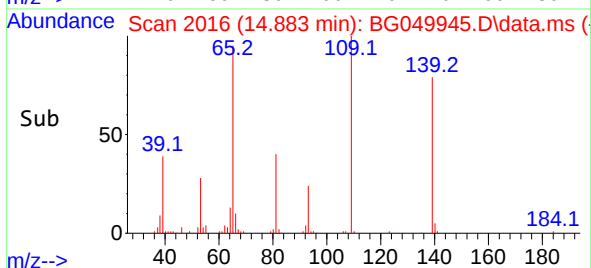
mohammad  
8/24/2021 11:19:26 AM

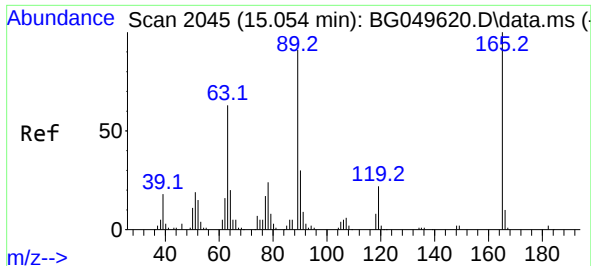


#56  
4-Nitrophenol  
Concen: 44.664 ng  
RT: 14.883 min Scan# 2016  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



Tgt Ion:139 Resp: 53899  
Ion Ratio Lower Upper  
139 100  
109 129.9 116.3 156.3  
65 120.3 105.0 145.0





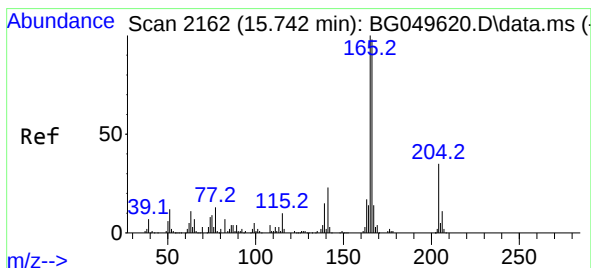
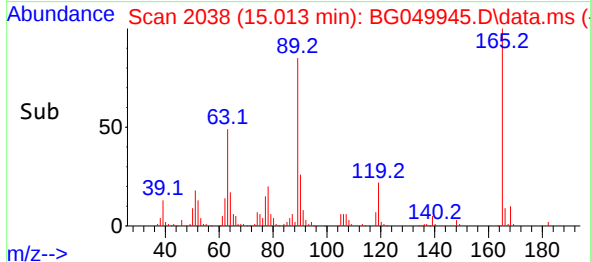
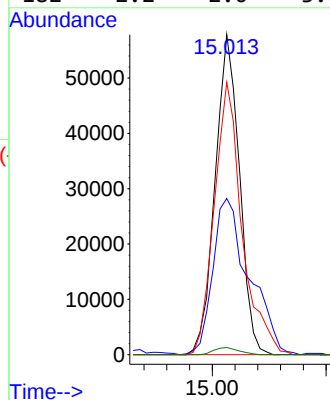
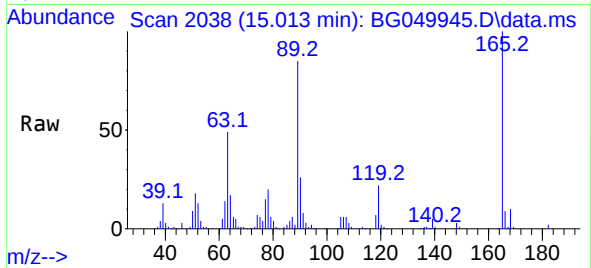
#57  
2,4-Dinitrotoluene  
Concen: 36.100 ng  
RT: 15.013 min Scan# 2038  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 85882 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 48.8  | 48.0  | 72.0  |
| 89        | 85.1  | 65.4  | 98.0  |
| 182       | 2.2   | 2.0   | 3.0   |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

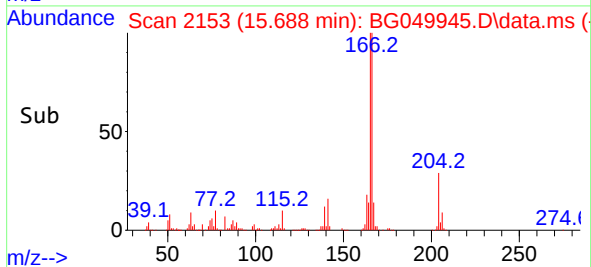
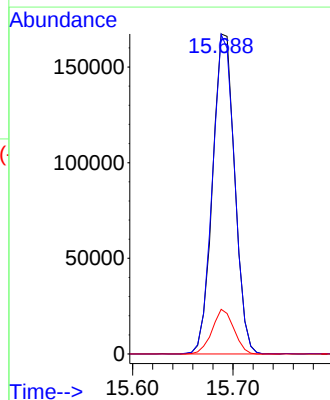
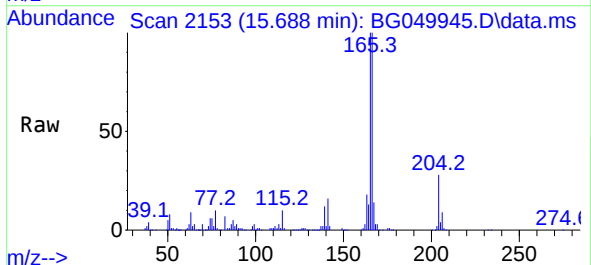
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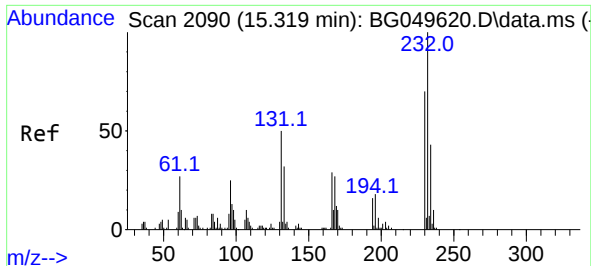
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#58  
Fluorene  
Concen: 34.987 ng  
RT: 15.688 min Scan# 2153  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

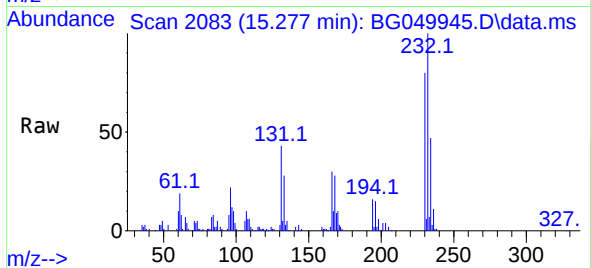
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 255483 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.8  | 77.7  | 116.5  |
| 167       | 14.0  | 10.8  | 16.2   |





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 35.407 ng  
RT: 15.277 min Scan# 2083  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

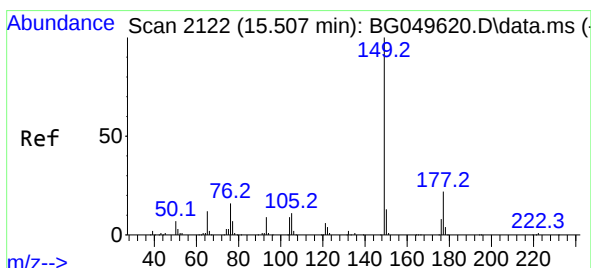
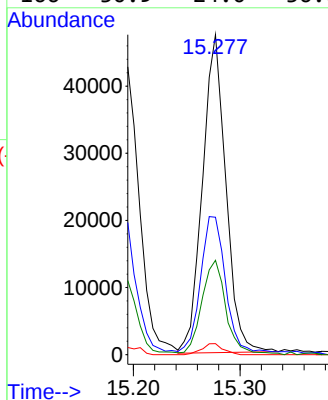
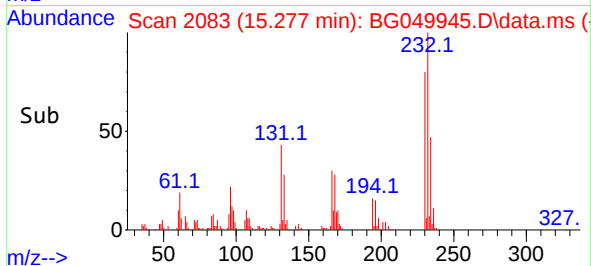
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



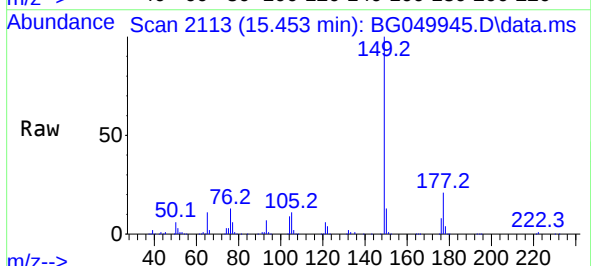
Tgt Ion:232 Resp: 72261  
Ion Ratio Lower Upper  
232 100  
131 45.1 37.2 55.8  
130 3.1 2.8 4.2  
166 30.9 24.0 36.0

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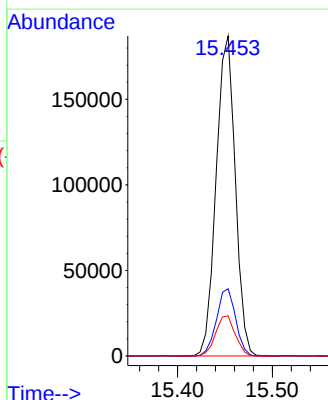
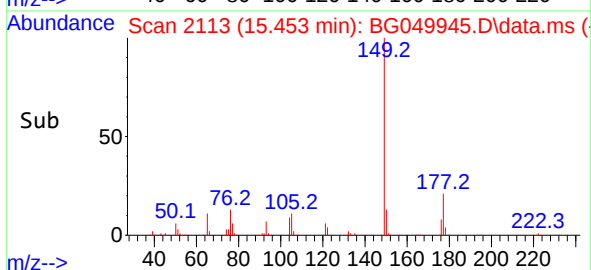
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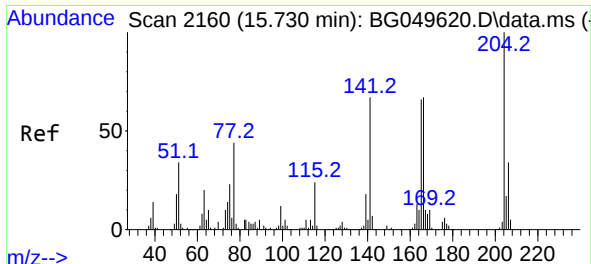


#60  
Diethylphthalate  
Concen: 33.864 ng  
RT: 15.453 min Scan# 2113  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



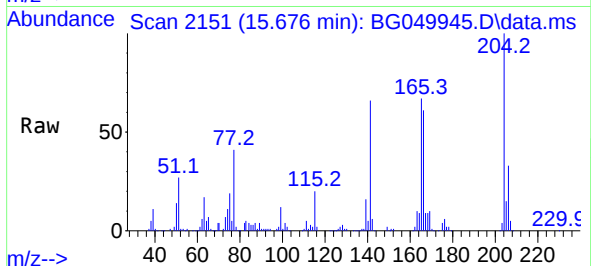
Tgt Ion:149 Resp: 262016  
Ion Ratio Lower Upper  
149 100  
177 21.0 19.0 28.6  
150 12.6 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 35.047 ng  
RT: 15.676 min Scan# 2151  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

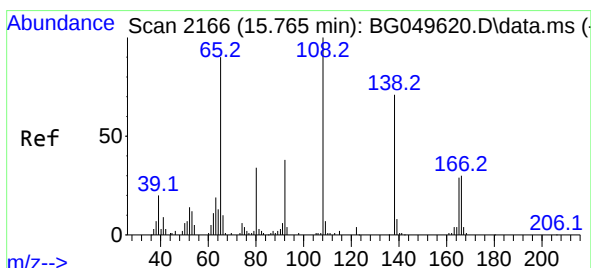
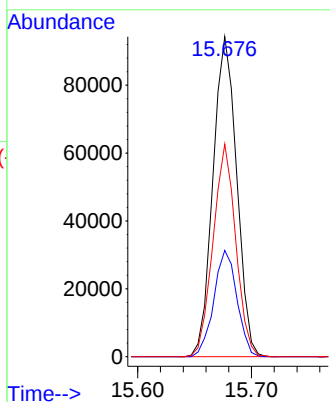
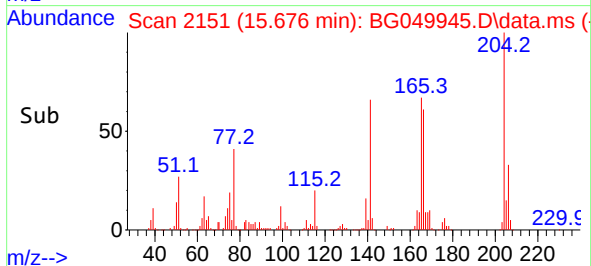
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



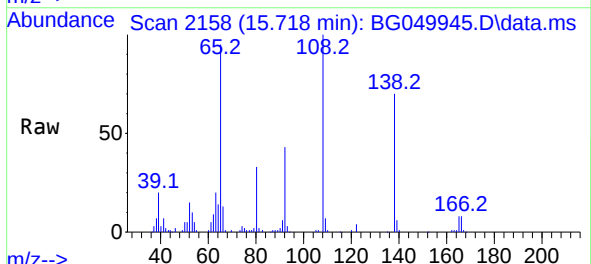
Tgt Ion:204 Resp: 136596  
Ion Ratio Lower Upper  
204 100  
206 33.2 24.6 37.0  
141 66.5 47.8 71.8

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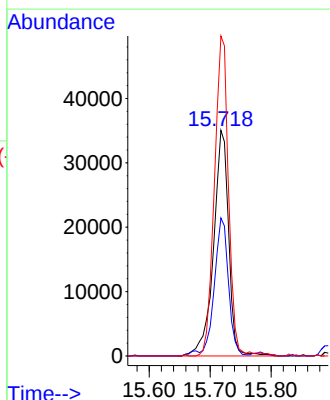
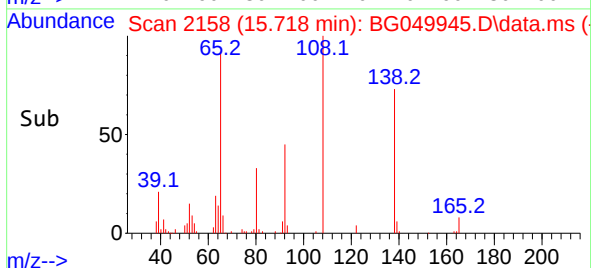
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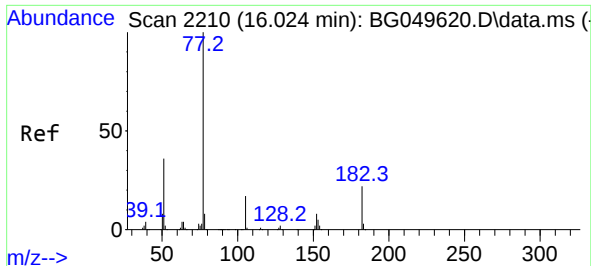


#62  
4-Nitroaniline  
Concen: 35.661 ng  
RT: 15.718 min Scan# 2158  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



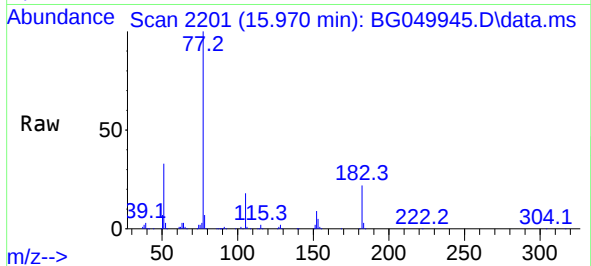
Tgt Ion:138 Resp: 60592  
Ion Ratio Lower Upper  
138 100  
92 61.1 32.3 72.3  
108 141.9 132.4 172.4





#63  
Azobenzene  
Concen: 32.293 ng  
RT: 15.970 min Scan# 2201  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

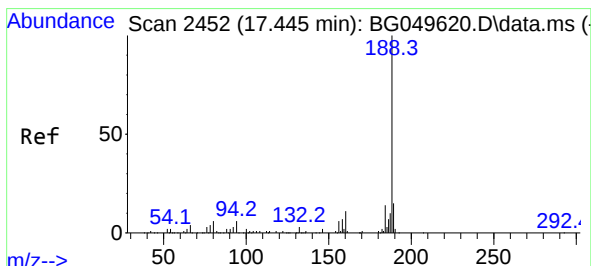
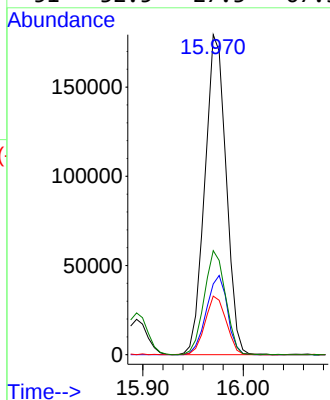
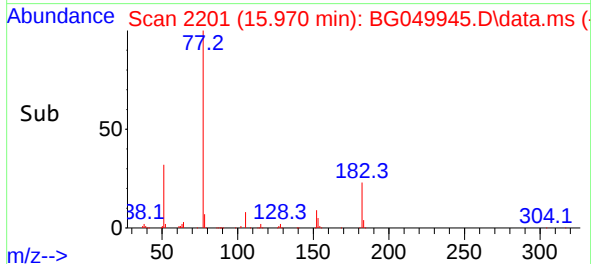


Tgt Ion: 77 Resp: 264457

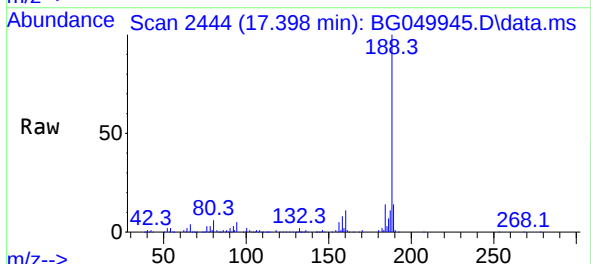
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 22.1  | 7.9   | 47.9  |
| 105 | 18.3  | 0.0   | 37.9  |
| 51  | 32.5  | 27.3  | 67.3  |

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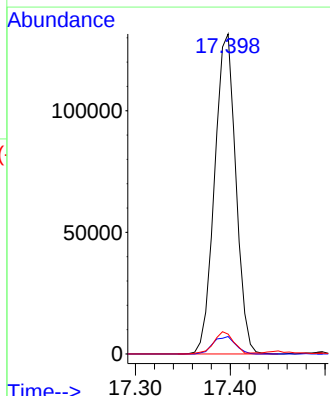
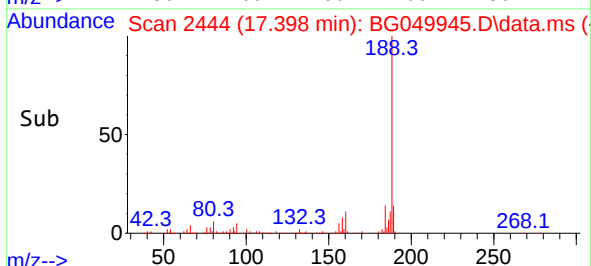


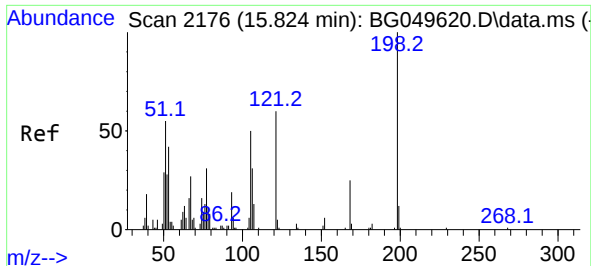
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.398 min Scan# 2444  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



Tgt Ion: 188 Resp: 204796

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 5.5   | 5.4   | 8.0   |
| 80  | 6.2   | 3.7   | 5.5   |





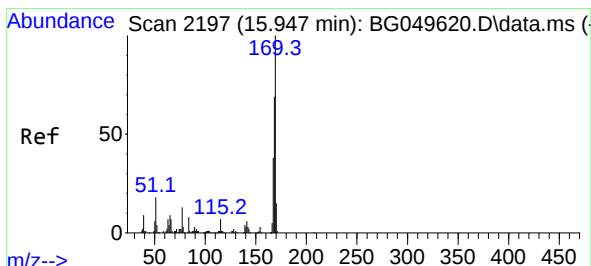
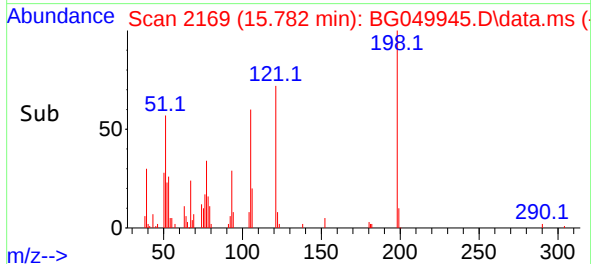
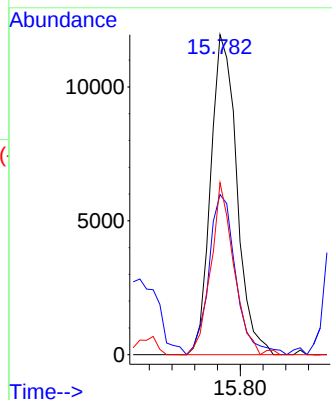
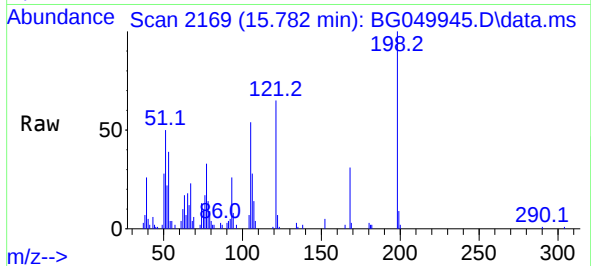
#65  
4,6-Dinitro-2-methylphenol  
Concen: 14.462 ng  
RT: 15.782 min Scan# 2169  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 19038 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 50.0  | 29.4  | 69.4  |
| 105       | 53.7  | 15.1  | 55.1  |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

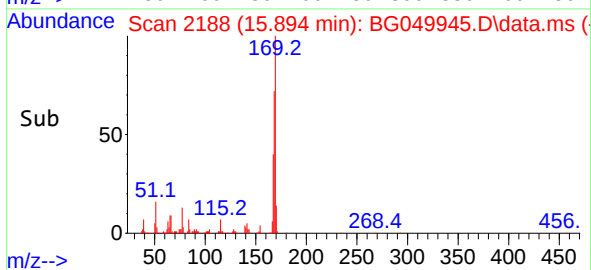
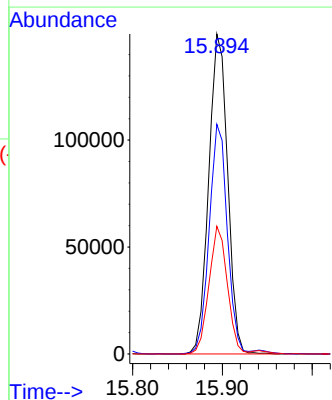
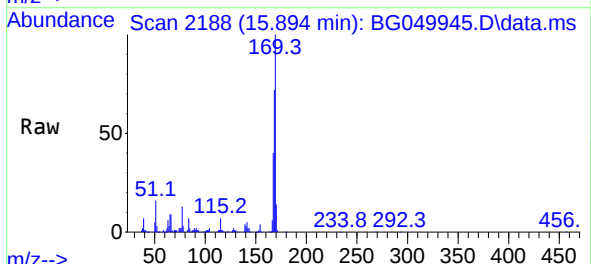
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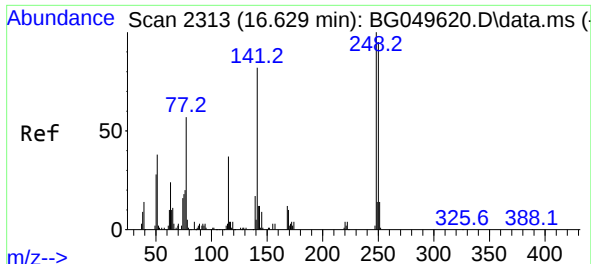
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#66  
n-Nitrosodiphenylamine  
Concen: 37.756 ng  
RT: 15.894 min Scan# 2188  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 218479 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 71.7  | 56.3  | 84.5   |
| 167       | 39.9  | 28.4  | 42.6   |





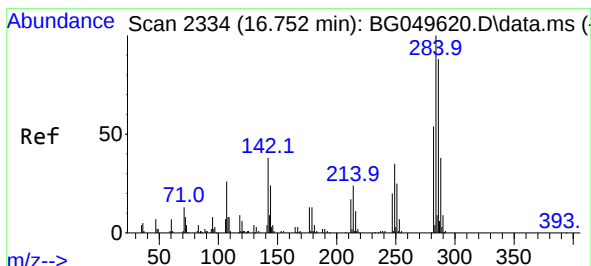
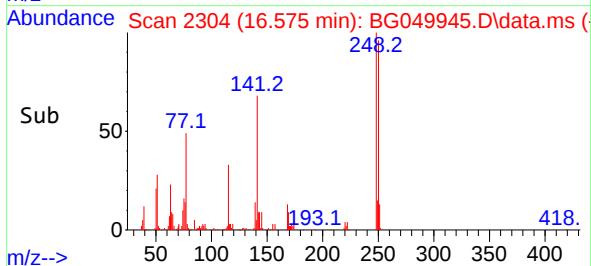
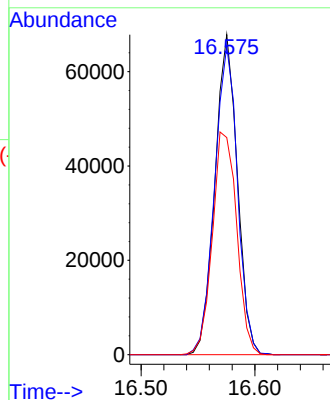
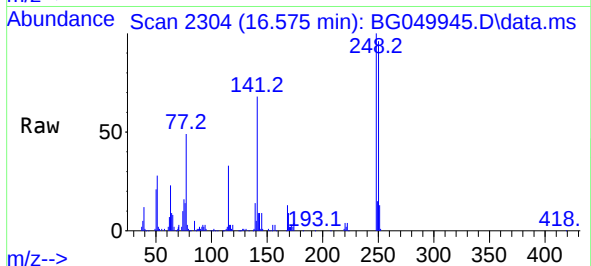
#67  
4-Bromophenyl-phenylether  
Concen: 38.456 ng  
RT: 16.575 min Scan# 2304  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 92754 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 96.5  | 76.1  | 114.1 |
| 141       | 67.9  | 65.4  | 98.2  |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

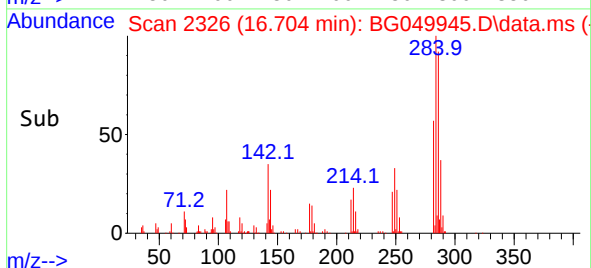
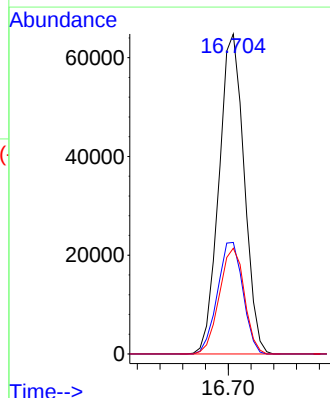
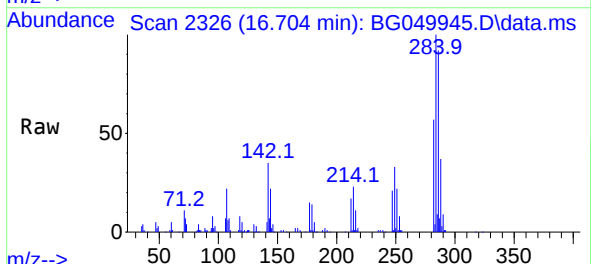
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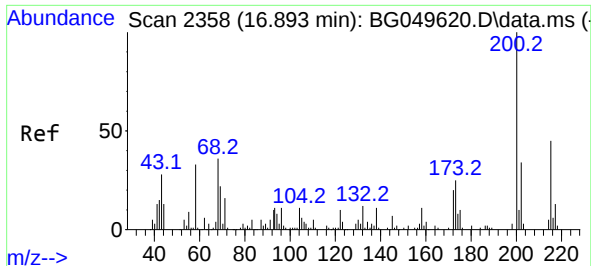
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#68  
Hexachlorobenzene  
Concen: 37.181 ng  
RT: 16.704 min Scan# 2326  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

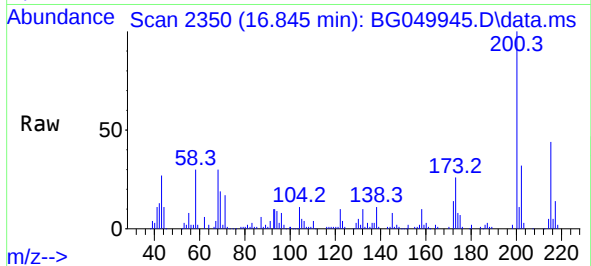
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 99634 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 34.8  | 27.0  | 40.6  |
| 249       | 33.0  | 28.2  | 42.2  |





#69  
Atrazine  
Concen: 36.910 ng  
RT: 16.845 min Scan# 2350  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

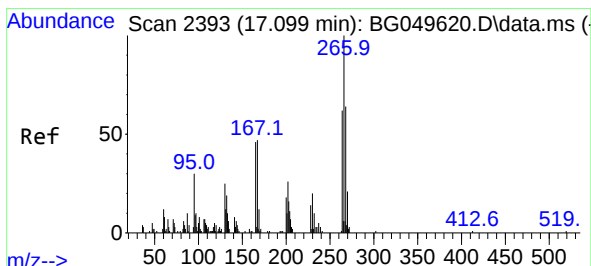
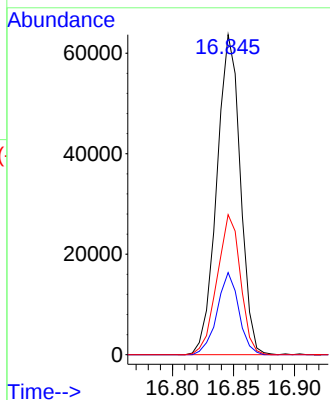
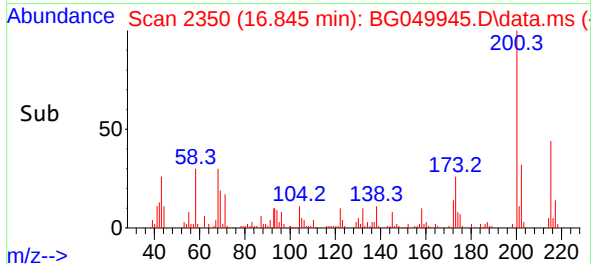
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



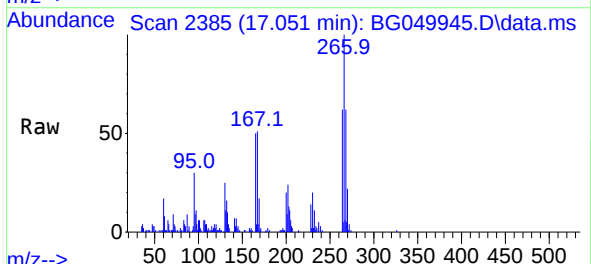
Tgt Ion:200 Resp: 85437  
Ion Ratio Lower Upper  
200 100  
173 25.6 3.7 43.7  
215 43.7 26.9 66.9

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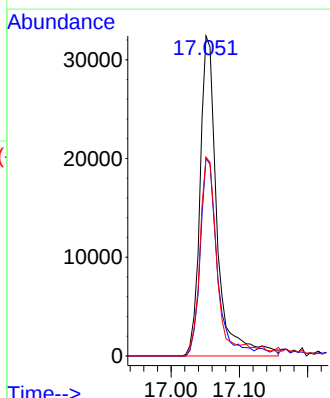
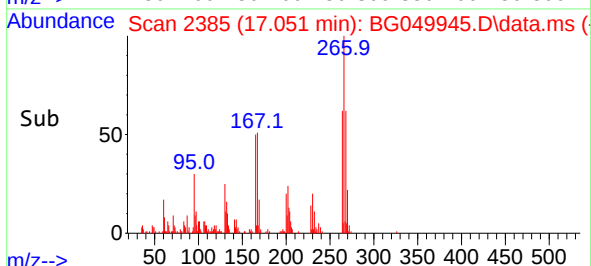
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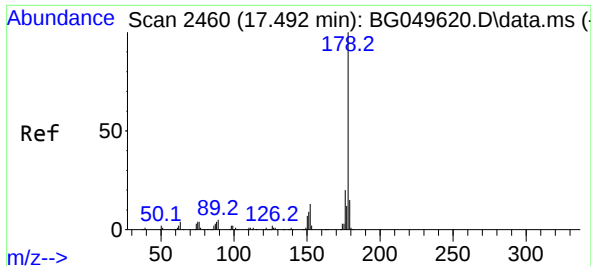


#70  
Pentachlorophenol  
Concen: 39.112 ng  
RT: 17.051 min Scan# 2385  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



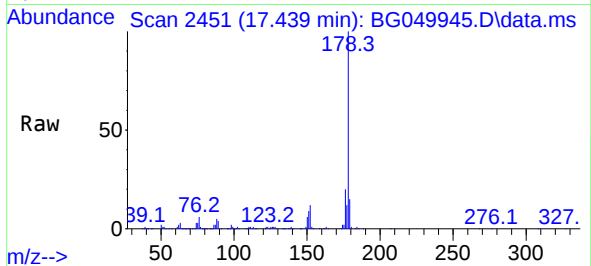
Tgt Ion:266 Resp: 56200  
Ion Ratio Lower Upper  
266 100  
268 61.9 49.0 73.4  
264 62.1 49.0 73.6





#71  
Phenanthrene  
Concen: 35.368 ng  
RT: 17.439 min Scan# 2451  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

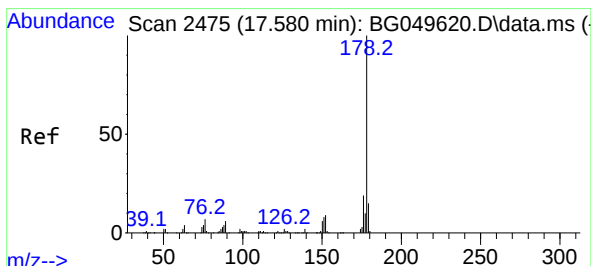
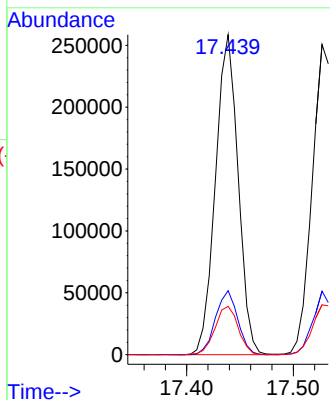
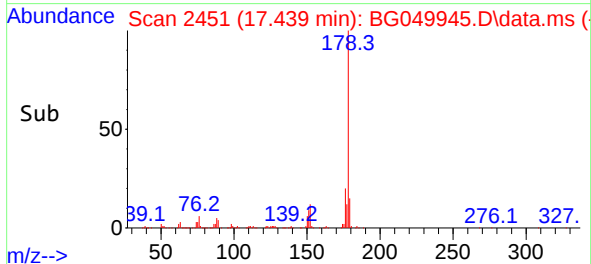
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



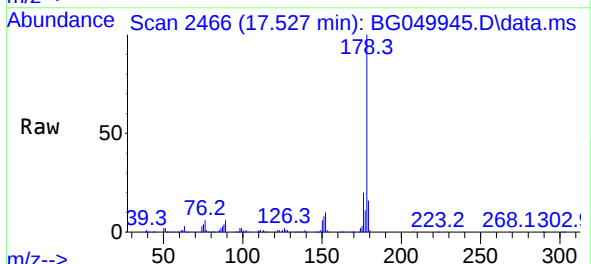
Tgt Ion:178 Resp: 381072  
Ion Ratio Lower Upper  
178 100  
176 20.0 16.0 24.0  
179 15.1 14.2 21.4

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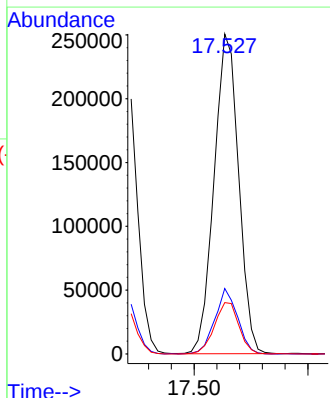
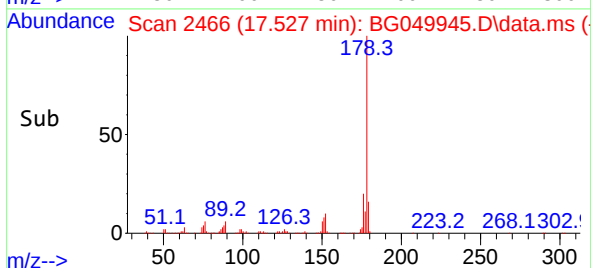
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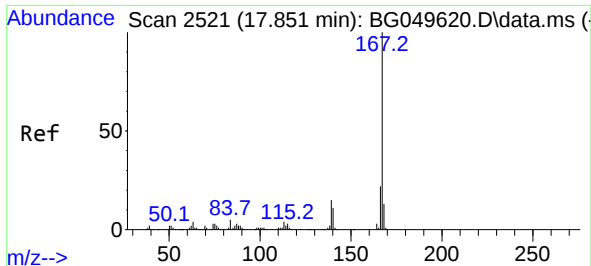


#72  
Anthracene  
Concen: 35.552 ng  
RT: 17.527 min Scan# 2466  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

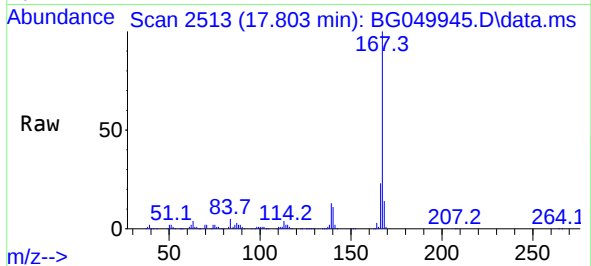


Tgt Ion:178 Resp: 376207  
Ion Ratio Lower Upper  
178 100  
176 20.5 14.6 21.8  
179 16.1 13.4 20.0

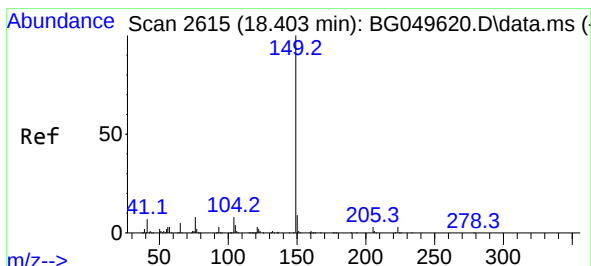
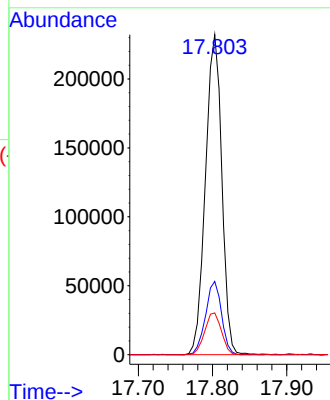
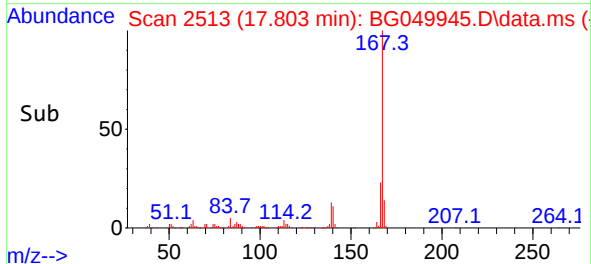




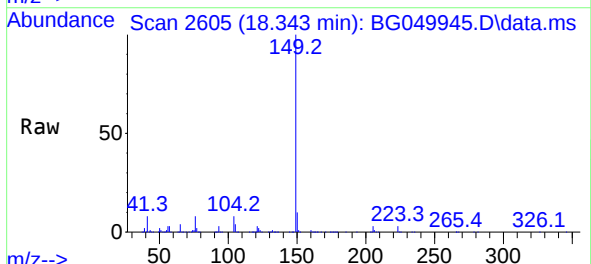
#73  
 Carbazole  
 Concen: 35.426 ng  
 RT: 17.803 min Scan# 2513  
 Delta R.T. -0.005 min  
 Lab File: BG049945.D  
 Acq: 23 Aug 2021 22:59



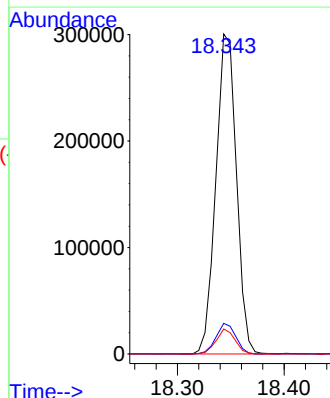
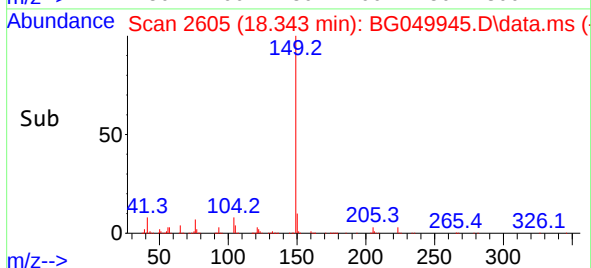
Tgt Ion:167 Resp: 355035  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 17.4 26.2  
 139 13.1 10.7 16.1



#74  
 Di-n-butylphthalate  
 Concen: 34.381 ng  
 RT: 18.343 min Scan# 2605  
 Delta R.T. -0.005 min  
 Lab File: BG049945.D  
 Acq: 23 Aug 2021 22:59



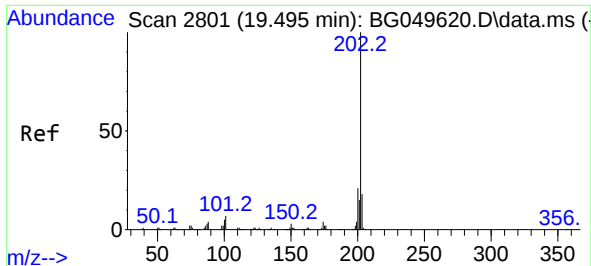
Tgt Ion:149 Resp: 401671  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.5 11.3  
 104 7.8 6.6 10.0



Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

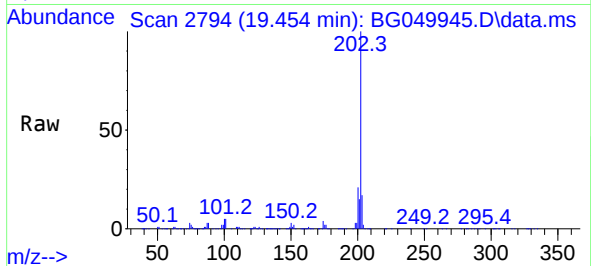
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#75  
Fluoranthene  
Concen: 32.600 ng  
RT: 19.454 min Scan# 2794  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

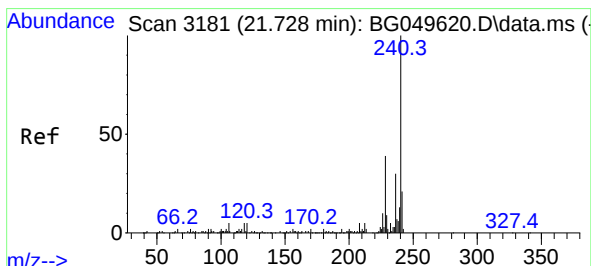
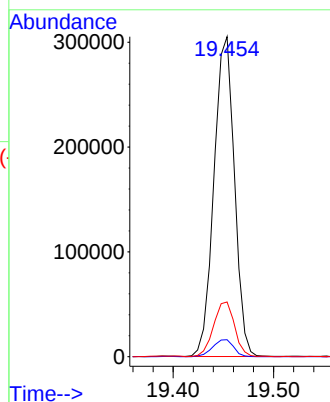
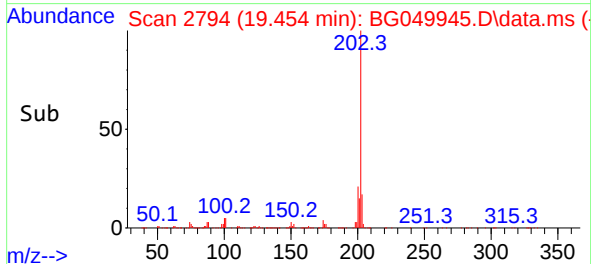
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



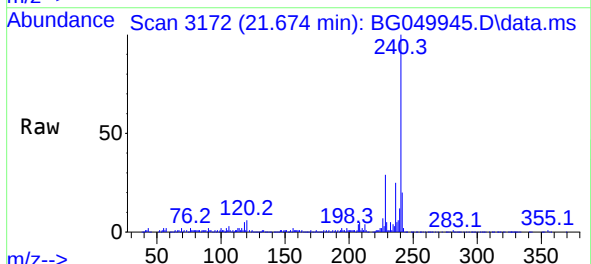
Tgt Ion:202 Resp: 432233  
Ion Ratio Lower Upper  
202 100  
101 5.3 0.0 24.7  
203 17.1 0.0 38.5

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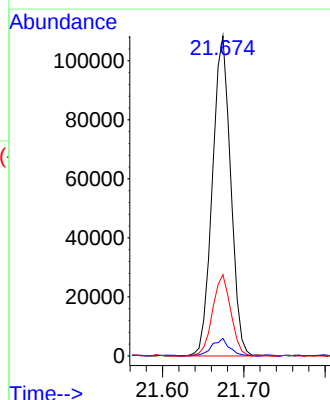
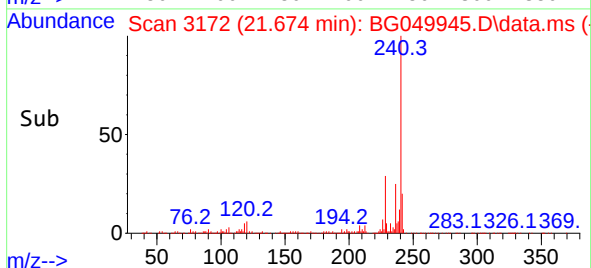
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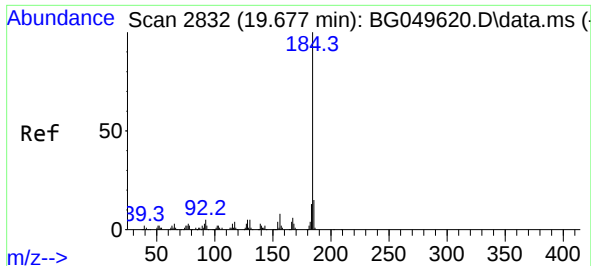


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.674 min Scan# 3172  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



Tgt Ion:240 Resp: 169330  
Ion Ratio Lower Upper  
240 100  
120 5.5 4.2 6.2  
236 25.4 21.8 32.6





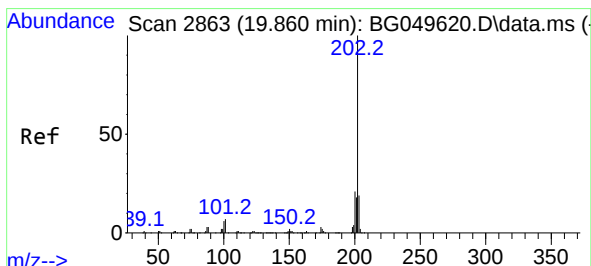
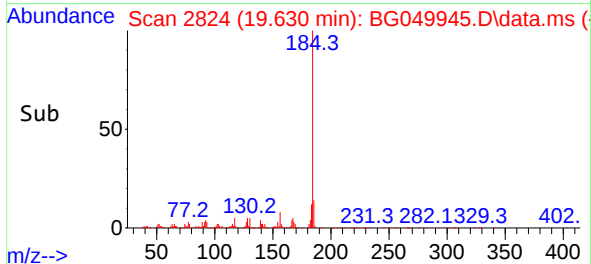
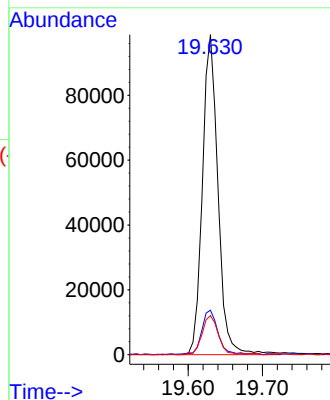
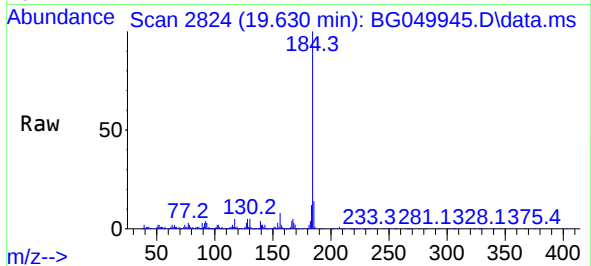
#77  
Benzidine  
Concen: 33.251 ng  
RT: 19.630 min Scan# 2824  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 144264 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.9  | 10.7  | 16.1   |
| 183       | 12.2  | 9.4   | 14.0   |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

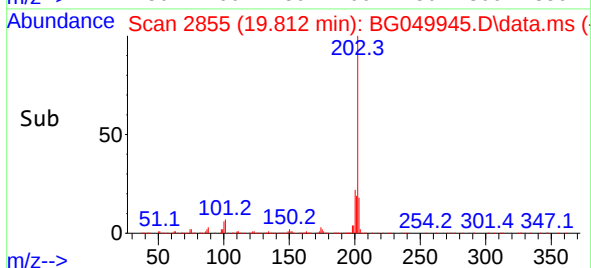
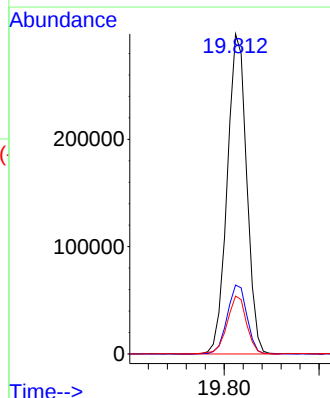
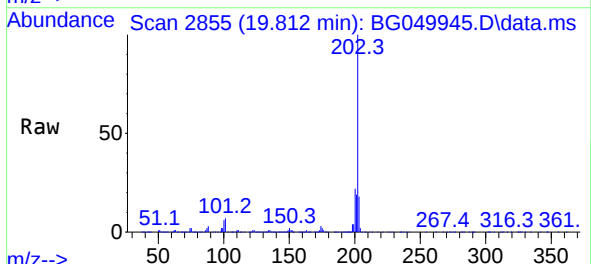
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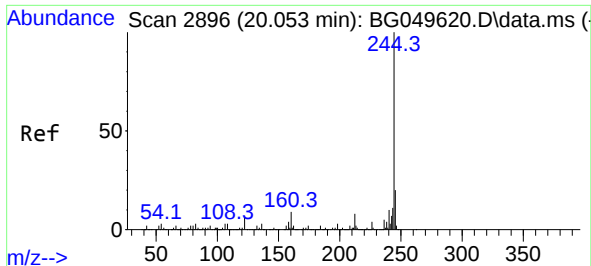
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#78  
Pyrene  
Concen: 36.679 ng  
RT: 19.812 min Scan# 2855  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 423426 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.5  | 15.8  | 23.8   |
| 203       | 18.1  | 14.6  | 21.8   |





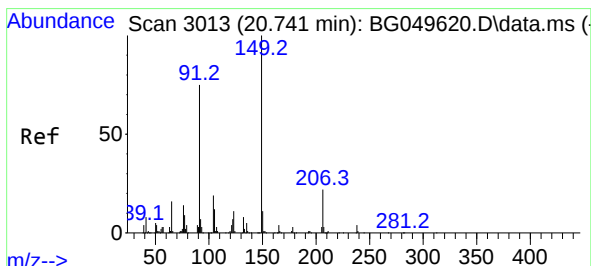
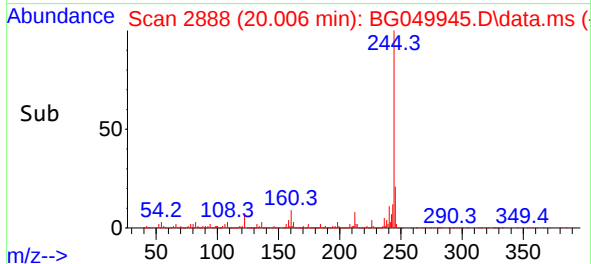
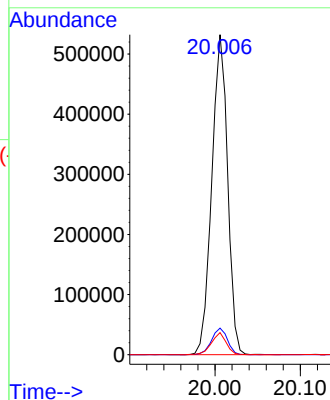
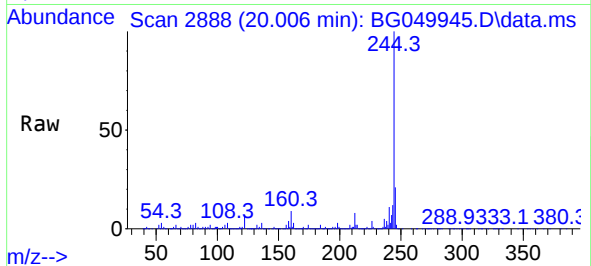
#79  
Terphenyl-d14  
Concen: 73.708 ng  
RT: 20.006 min Scan# 2888  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 687206 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 8.3   | 6.9   | 10.3   |
| 122       | 6.9   | 5.0   | 7.6    |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

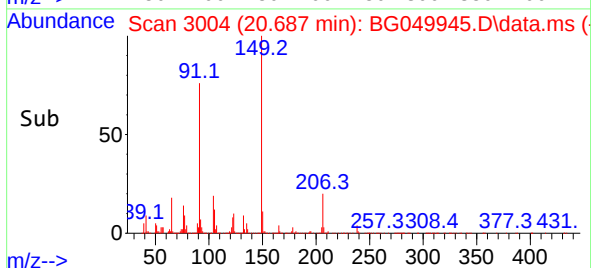
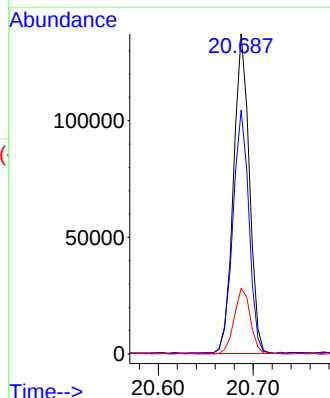
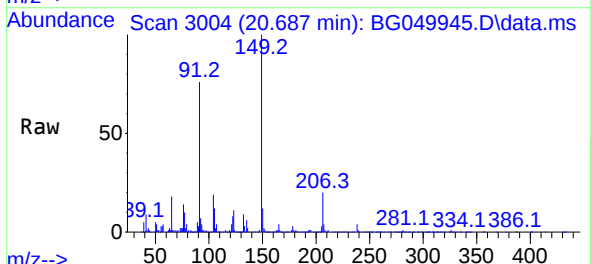
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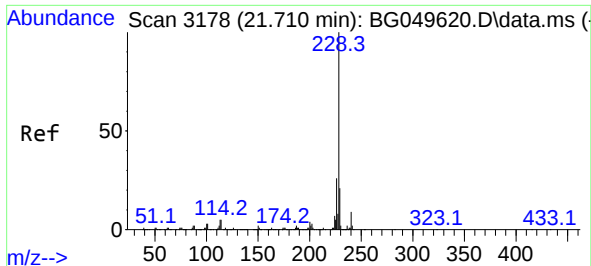
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#80  
Butylbenzylphthalate  
Concen: 36.223 ng  
RT: 20.687 min Scan# 3004  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

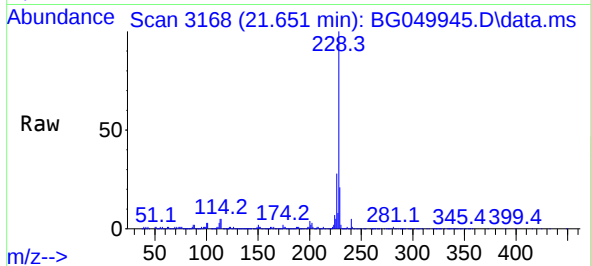
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 159253 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 76.2  | 63.4  | 95.2   |
| 206       | 20.5  | 18.4  | 27.6   |





#81  
Benzo(a)anthracene  
Concen: 35.452 ng  
RT: 21.651 min Scan# 3168  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

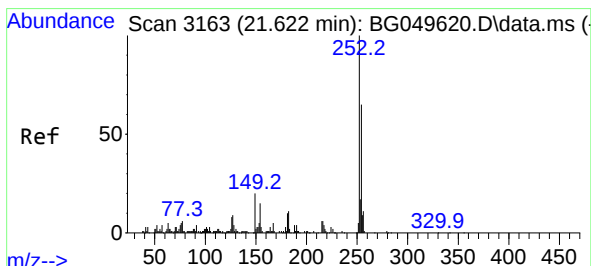
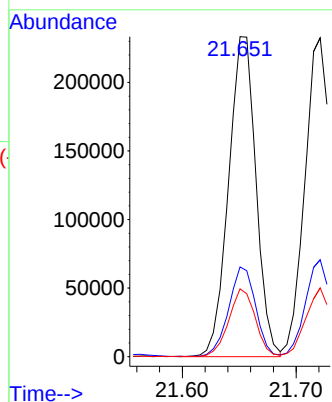
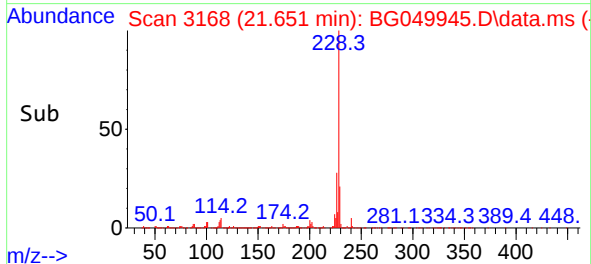
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



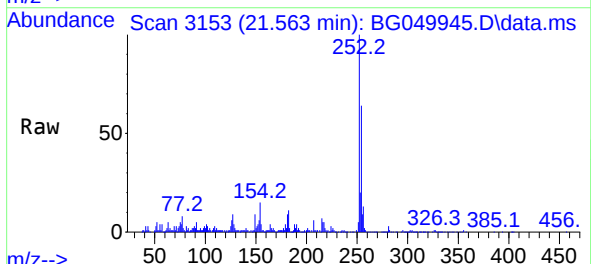
Tgt Ion:228 Resp: 390947  
Ion Ratio Lower Upper  
228 100  
226 28.1 22.7 34.1  
229 21.2 16.0 24.0

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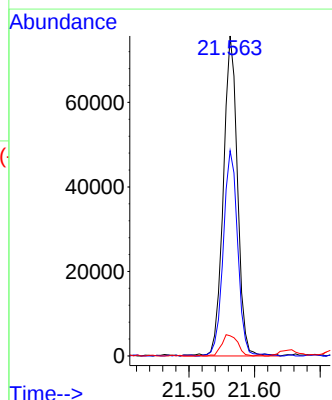
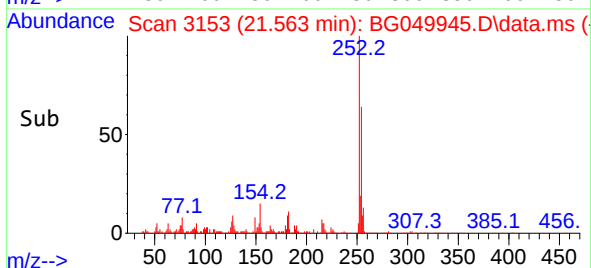
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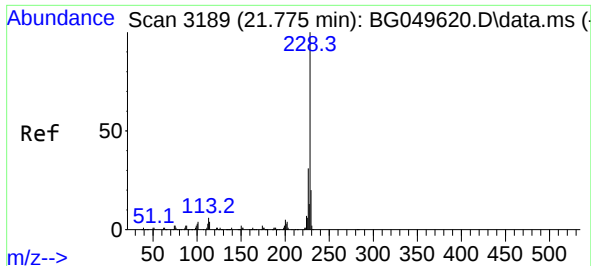


#82  
3,3'-Dichlorobenzidine  
Concen: 35.110 ng  
RT: 21.563 min Scan# 3153  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

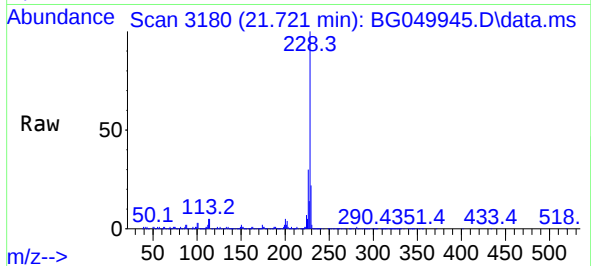


Tgt Ion:252 Resp: 113045  
Ion Ratio Lower Upper  
252 100  
254 64.2 52.4 78.6  
126 6.3 5.9 8.9

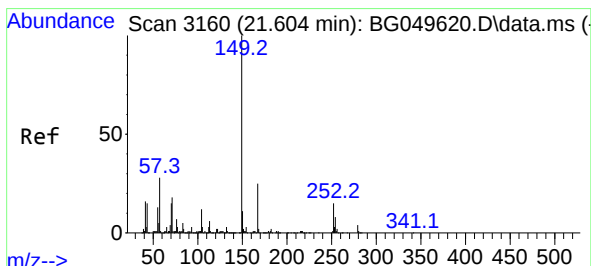
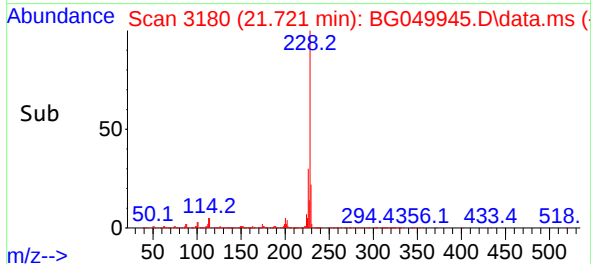
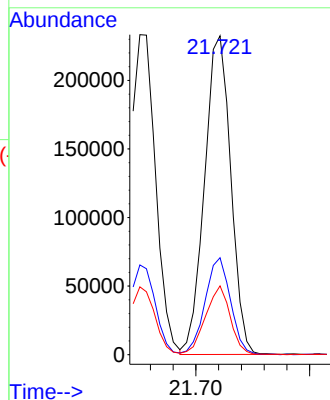




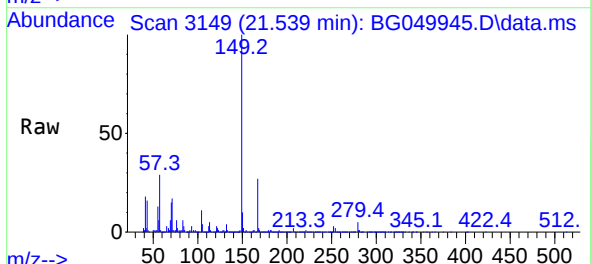
#83  
Chrysene  
Concen: 35.348 ng  
RT: 21.721 min Scan# 3180  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



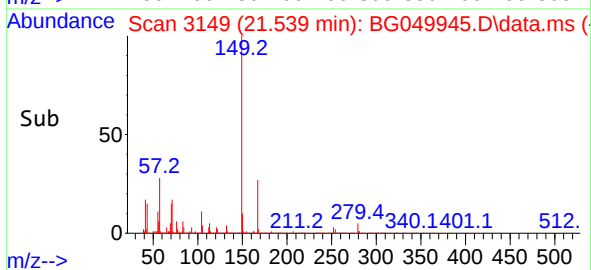
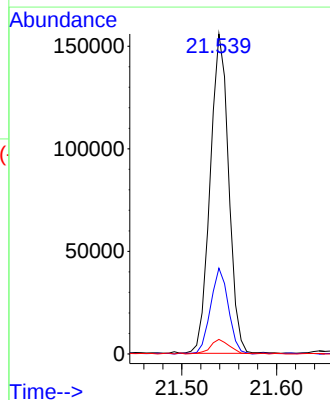
Tgt Ion:228 Resp: 372607  
Ion Ratio Lower Upper  
228 100  
226 30.4 23.1 34.7  
229 21.6 15.3 22.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 33.878 ng  
RT: 21.539 min Scan# 3149  
Delta R.T. -0.005 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



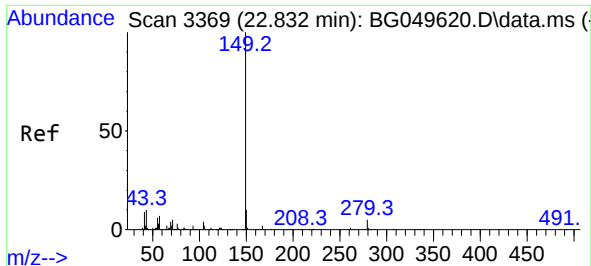
Tgt Ion:149 Resp: 210836  
Ion Ratio Lower Upper  
149 100  
167 26.8 22.3 33.5  
279 4.5 3.8 5.8



Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

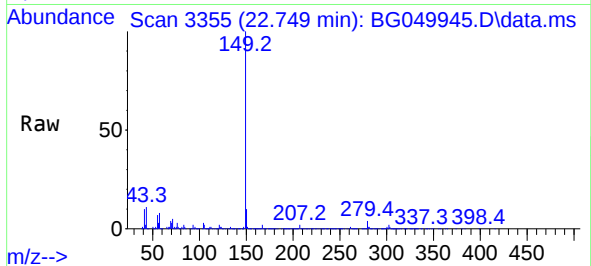
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#85  
Di-n-octyl phthalate  
Concen: 34.103 ng  
RT: 22.749 min Scan# 3355  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

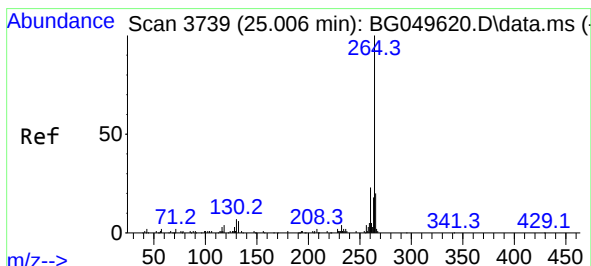
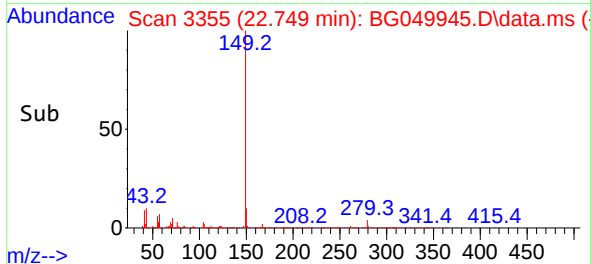
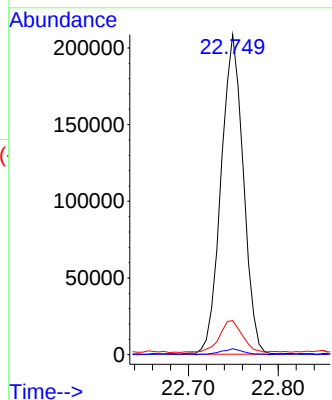
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



Tgt Ion:149 Resp: 358532  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.4 2.2  
43 10.3 8.6 12.8

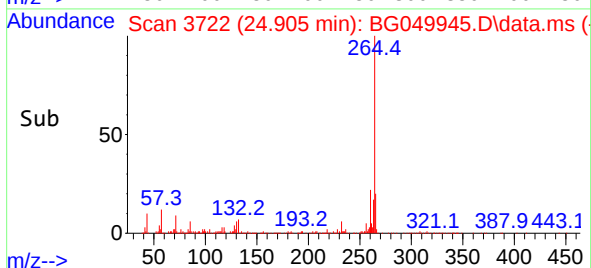
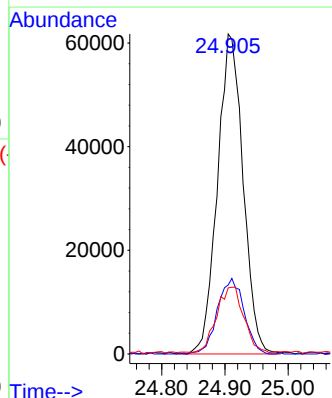
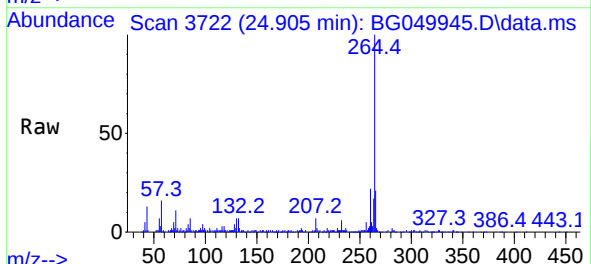
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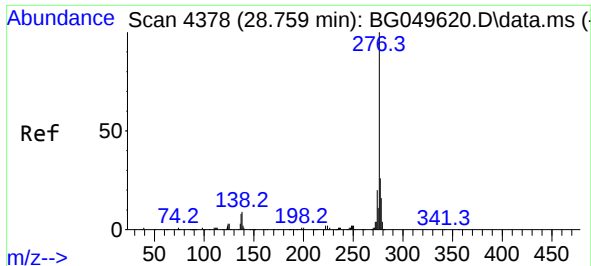
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.905 min Scan# 3722  
Delta R.T. -0.017 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

Tgt Ion:264 Resp: 173495  
Ion Ratio Lower Upper  
264 100  
260 21.5 19.4 29.2  
265 20.6 16.9 25.3





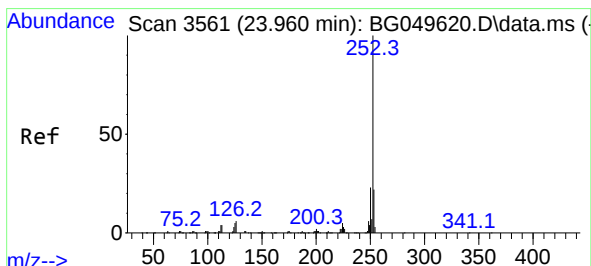
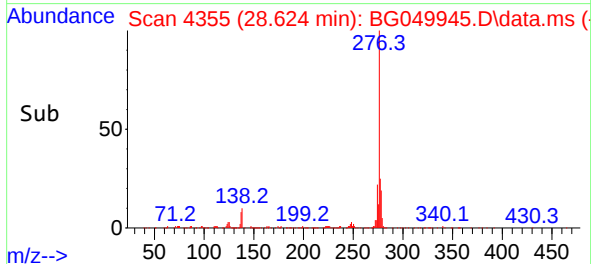
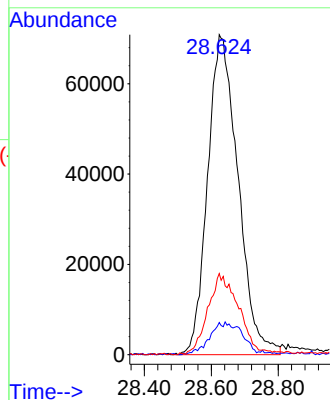
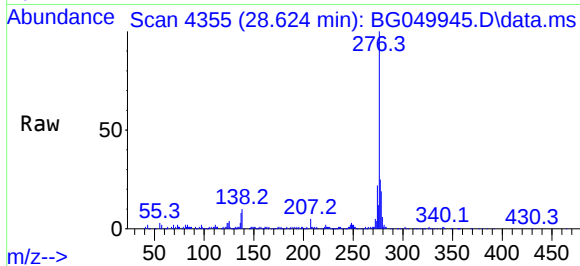
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 35.722 ng  
RT: 28.624 min Scan# 4355  
Delta R.T. -0.023 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

Tgt Ion: 276 Resp: 446957  
Ion Ratio Lower Upper  
276 100  
138 4.8 5.1 7.7#  
277 24.6 19.8 29.6

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

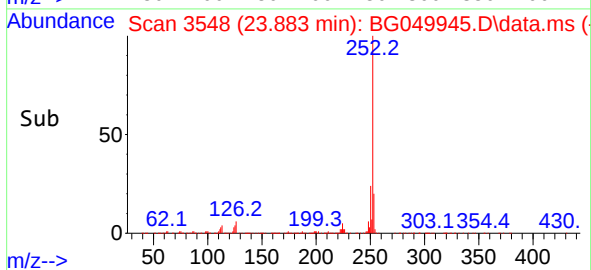
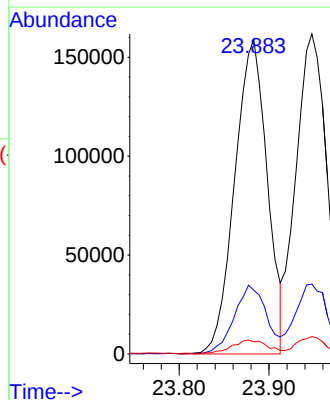
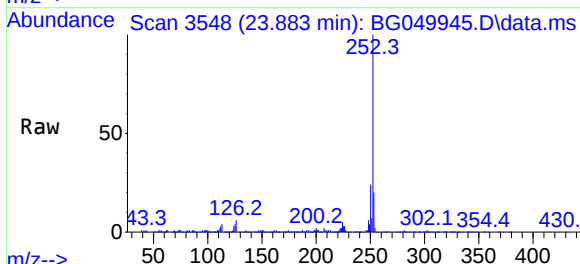
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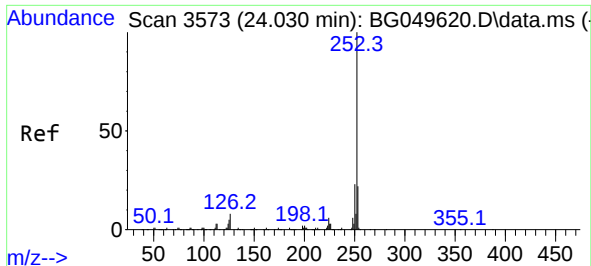
mohammad  
8/24/2021 11:19:26 AM



#88  
Benzo(b)fluoranthene  
Concen: 35.146 ng  
RT: 23.883 min Scan# 3548  
Delta R.T. -0.011 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

Tgt Ion: 252 Resp: 399914  
Ion Ratio Lower Upper  
252 100  
253 20.2 16.2 24.4  
125 3.9 3.0 4.4





#89

Benzo(k)fluoranthene

Concen: 36.182 ng m

RT: 23.948 min Scan# 3559

Delta R.T. -0.011 min

Lab File: BG049945.D

Acq: 23 Aug 2021 22:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 384030 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.8  | 18.0  | 27.0   |
| 125       | 5.5   | 3.1   | 4.7#   |

Instrument :

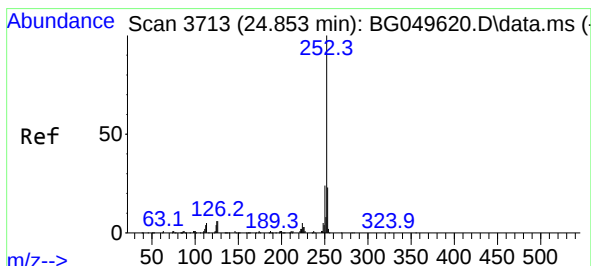
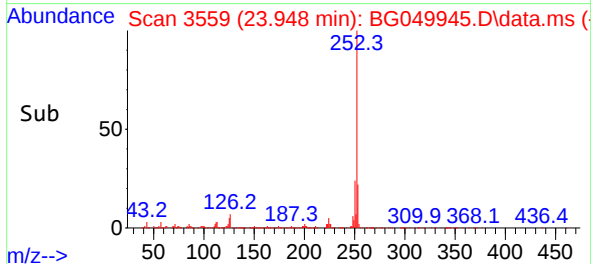
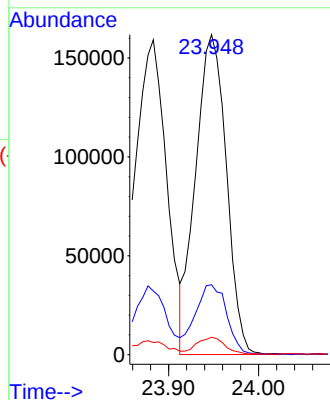
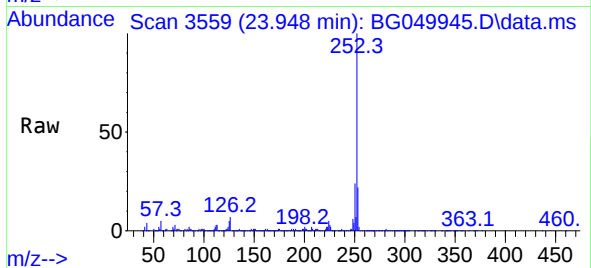
BNA\_G

ClientSampleId :

SSTDCCC040EC

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#90

Benzo(a)pyrene

Concen: 36.355 ng

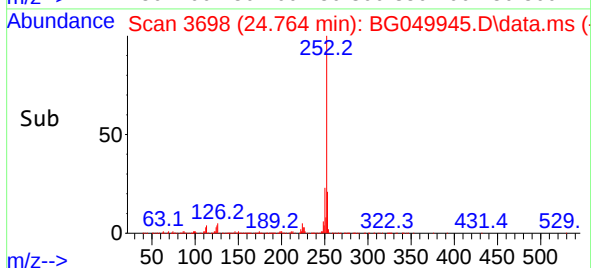
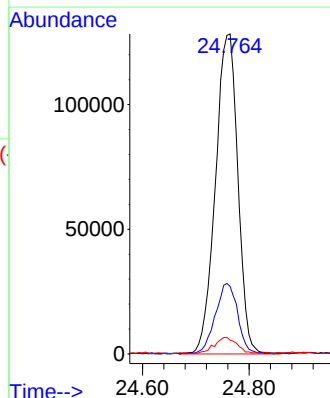
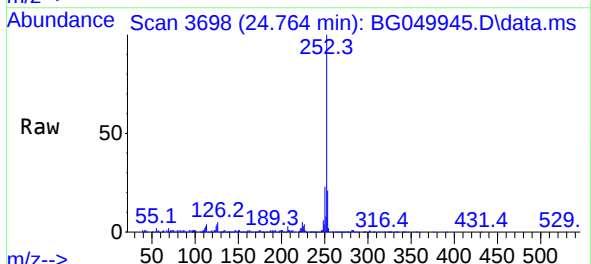
RT: 24.764 min Scan# 3698

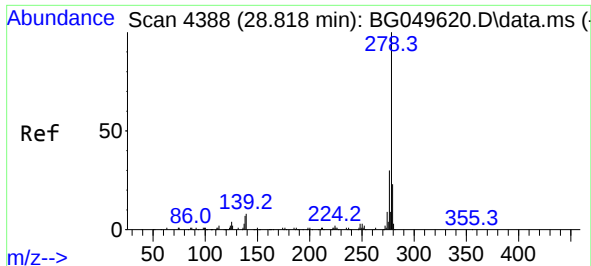
Delta R.T. -0.011 min

Lab File: BG049945.D

Acq: 23 Aug 2021 22:59

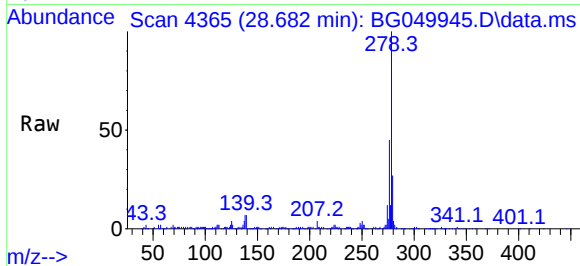
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 374372 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.1  | 16.6  | 25.0   |
| 125       | 4.3   | 3.5   | 5.3    |





#91  
Dibenzo(a,h)anthracene  
Concen: 36.320 ng  
RT: 28.682 min Scan# 4365  
Delta R.T. -0.017 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59

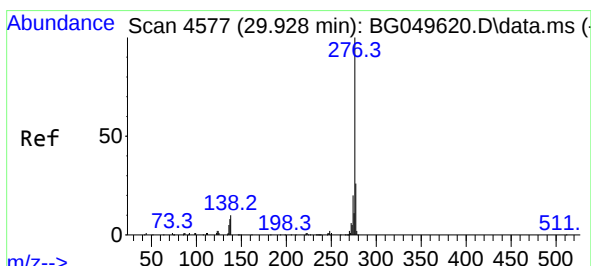
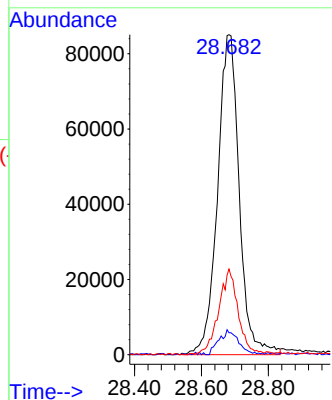
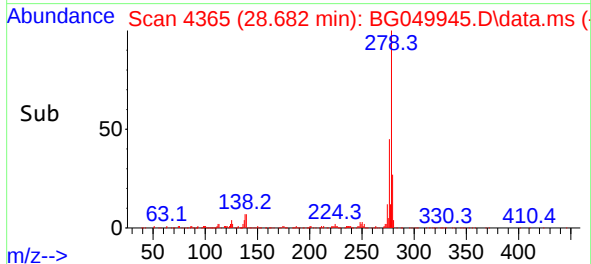
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



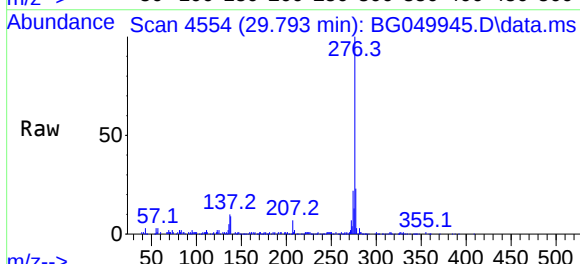
Tgt Ion:278 Resp: 382942  
Ion Ratio Lower Upper  
278 100  
139 6.9 4.6 6.8#  
279 26.7 17.9 26.9

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 33.090 ng  
RT: 29.793 min Scan# 4554  
Delta R.T. -0.023 min  
Lab File: BG049945.D  
Acq: 23 Aug 2021 22:59



Tgt Ion:276 Resp: 341808  
Ion Ratio Lower Upper  
276 100  
277 23.2 18.4 27.6  
138 8.7 7.0 10.6

