

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041621\  
 Data File : BG048730.D  
 Acq On : 16 Apr 2021 18:46  
 Operator : CG/JU  
 Sample : M2041-01MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S-2AMS

Manual Integrations  
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 4/19/2021 11:44:22 AM

Quant Time: Apr 17 04:19:15 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG041421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 16 15:59:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.079  | 152  | 17580    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.905 | 136  | 77622    | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.736 | 164  | 53413    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.497 | 188  | 142350   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.798 | 240  | 133081   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 25.130 | 264  | 134548   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.623  | 112  | 100290   | 95.41 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.239  | 99   | 136042   | 91.50 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.248  | 82   | 103792   | 59.86 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.234 | 330  | 65109    | 90.91 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.355 | 172  | 212471   | 57.45 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.106 | 244  | 405279   | 52.41 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.479  | 88   | 12236    | 29.71 | ng    | # 84     |
| 3) Pyridine                   | 3.884  | 79   | 38133    | 35.52 | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.796  | 42   | 33585    | 40.98 | ng    | # 99     |
| 6) Aniline                    | 7.397  | 93   | 39947    | 23.94 | ng    | # 93     |
| 8) 2-Chlorophenol             | 7.644  | 128  | 52566    | 47.14 | ng    | 92       |
| 9) Benzaldehyde               | 7.204  | 77   | 37625    | 38.19 | ng    | 97       |
| 10) Phenol                    | 7.268  | 94   | 69996    | 47.88 | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.486  | 93   | 42594    | 43.23 | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.967  | 146  | 53926    | 42.06 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.114  | 146  | 55595    | 42.55 | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.437  | 146  | 53999    | 44.79 | ng    | 89       |
| 15) Benzyl Alcohol            | 8.314  | 79   | 57776    | 44.10 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.602  | 45   | 47566    | 44.53 | ng    | 94       |
| 17) 2-Methylphenol            | 8.526  | 107  | 45357    | 48.60 | ng    | 96       |
| 18) Hexachloroethane          | 9.172  | 117  | 20628    | 40.19 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.884  | 70   | 44395    | 44.26 | ng    | # 92     |
| 20) 3+4-Methylphenols         | 8.855  | 107  | 61737    | 47.94 | ng    | 96       |
| 22) Acetophenone              | 8.907  | 105  | 80561    | 39.87 | ng    | # 99     |
| 24) Nitrobenzene              | 9.295  | 77   | 67267    | 38.90 | ng    | 90       |
| 25) Isophorone                | 9.818  | 82   | 118936   | 38.79 | ng    | # 92     |
| 26) 2-Nitrophenol             | 10.012 | 139  | 29732    | 39.72 | ng    | # 90     |
| 27) 2,4-Dimethylphenol        | 10.071 | 122  | 53832    | 46.78 | ng    | 88       |
| 28) bis(2-Chloroethoxy)met... | 10.300 | 93   | 60244    | 45.10 | ng    | # 89     |
| 29) 2,4-Dichlorophenol        | 10.553 | 162  | 53883    | 41.52 | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.764 | 180  | 60478    | 40.19 | ng    | # 89     |
| 31) Naphthalene               | 10.958 | 128  | 158899   | 39.89 | ng    | 99       |
| 32) Benzoic acid              | 10.229 | 122  | 22798    | 33.82 | ng    | # 88     |
| 33) 4-Chloroaniline           | 11.070 | 127  | 17024    | 10.27 | ng    | 90       |
| 34) Hexachlorobutadiene       | 11.240 | 225  | 45348    | 40.59 | ng    | 97       |
| 35) Caprolactam               | 11.845 | 113  | 19746m   | 44.78 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.192 | 107  | 63811    | 43.42 | ng    | 90       |
| 37) 2-Methylnaphthalene       | 12.568 | 142  | 128193   | 40.28 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.785 | 142  | 117292   | 39.61 | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.932 | 216  | 73920    | 42.52 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.909 | 237  | 77249    | 81.36 | ng    | 86       |
| 43) 2,4,6-Trichlorophenol     | 13.173 | 196  | 49128    | 42.34 | ng    | 97       |

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Instrument :  
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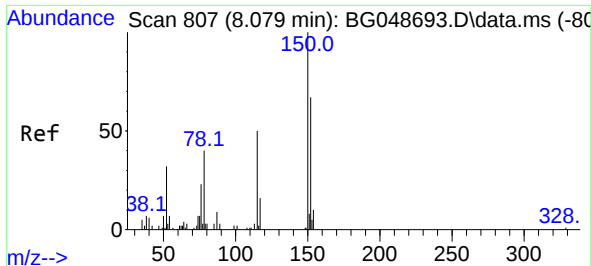
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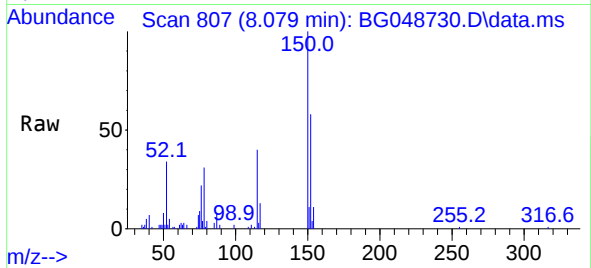
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.249 | 196  | 52974    | 42.99 | ng    | 90       |
| 46) 1,1'-Biphenyl             | 13.567 | 154  | 167702   | 42.51 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.614 | 162  | 129337   | 42.91 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.819 | 65   | 47846    | 44.18 | ng    | 96       |
| 49) Acenaphthylene            | 14.460 | 152  | 212933   | 45.29 | ng    | 96       |
| 50) Dimethylphthalate         | 14.184 | 163  | 185261   | 46.24 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.307 | 165  | 39534    | 42.77 | ng    | 94       |
| 52) Acenaphthene              | 14.801 | 154  | 132755   | 44.46 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.642 | 138  | 14774    | 16.65 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.853 | 184  | 42622    | 77.03 | ng    | 85       |
| 55) Dibenzofuran              | 15.135 | 168  | 203536   | 41.18 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.965 | 139  | 62073    | 94.42 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 15.100 | 165  | 58894    | 43.87 | ng    | 92       |
| 58) Fluorene                  | 15.788 | 166  | 174887   | 43.08 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.370 | 232  | 48151m   | 42.24 | ng    |          |
| 60) Diethylphthalate          | 15.547 | 149  | 187128   | 45.15 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.776 | 204  | 94897    | 42.51 | ng    | 94       |
| 62) 4-Nitroaniline            | 15.811 | 138  | 38338    | 40.41 | ng    | 92       |
| 63) Azobenzene                | 16.070 | 77   | 179031   | 42.89 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.870 | 198  | 36495    | 38.29 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.993 | 169  | 154144   | 38.31 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.675 | 248  | 62367    | 38.07 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.792 | 284  | 66459    | 40.05 | ng    | 97       |
| 69) Atrazine                  | 16.939 | 200  | 71052    | 42.47 | ng    | 97       |
| 70) Pentachlorophenol         | 17.145 | 266  | 69458    | 78.54 | ng    | 96       |
| 71) Phenanthrene              | 17.538 | 178  | 297158   | 40.22 | ng    | 98       |
| 72) Anthracene                | 17.633 | 178  | 300966   | 41.17 | ng    | 98       |
| 73) Carbazole                 | 17.897 | 167  | 268920   | 38.40 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.449 | 149  | 330446   | 42.09 | ng    | 99       |
| 75) Fluoranthene              | 19.548 | 202  | 385138   | 41.22 | ng    | 99       |
| 77) Benzidine                 | 19.730 | 184  | 219792   | 60.82 | ng    | 98       |
| 78) Pyrene                    | 19.912 | 202  | 377982   | 41.05 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.788 | 149  | 145423   | 40.39 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.775 | 228  | 368146   | 40.48 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.687 | 252  | 59362    | 19.03 | ng    | 92       |
| 83) Chrysene                  | 21.845 | 228  | 339578   | 39.20 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.663 | 149  | 205159   | 40.70 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.915 | 149  | 348285   | 40.59 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.984 | 276  | 411396   | 41.63 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 24.072 | 252  | 371363   | 40.68 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 24.143 | 252  | 342867   | 39.94 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.977 | 252  | 329770   | 39.22 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 29.049 | 278  | 340067   | 40.12 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 30.183 | 276  | 336060   | 40.16 | ng    | 97       |

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

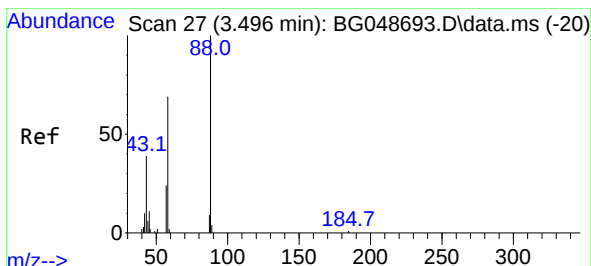
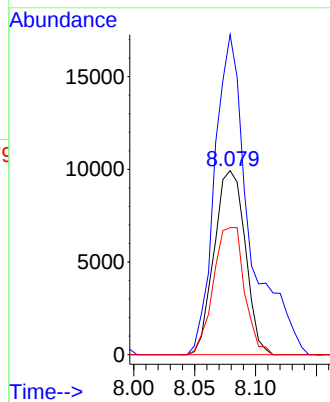
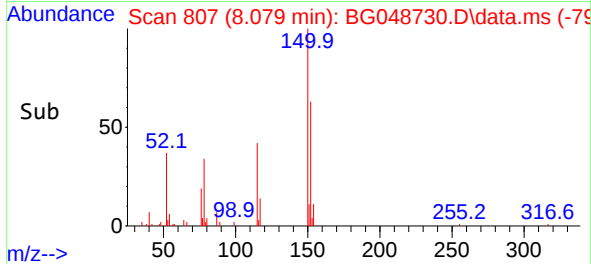




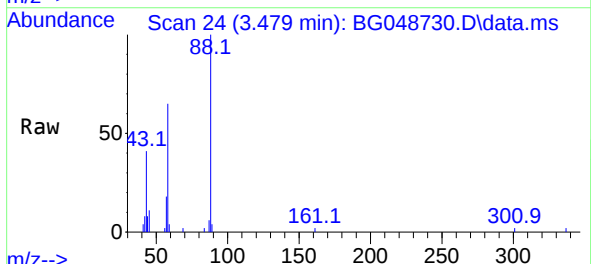
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.079 min Scan# 807  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



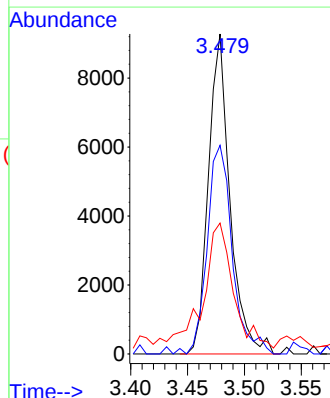
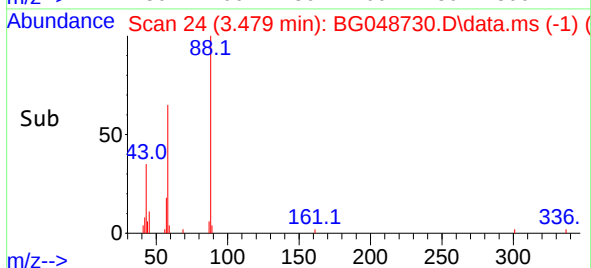
Tgt Ion: 152 Resp: 17580  
Ion Ratio Lower Upper  
152 100  
150 173.9 119.4 179.0  
115 69.0 60.2 90.4



#2  
1,4-Dioxane  
Concen: 29.71 ng  
RT: 3.479 min Scan# 24  
Delta R.T. -0.013 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



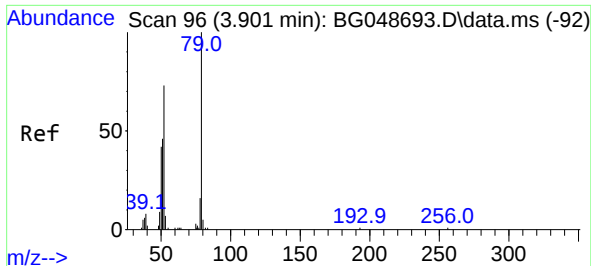
Tgt Ion: 88 Resp: 12236  
Ion Ratio Lower Upper  
88 100  
58 75.9 55.7 83.5  
43 55.0 29.3 43.9



Instrument :  
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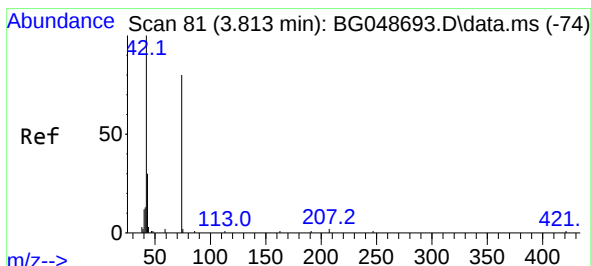
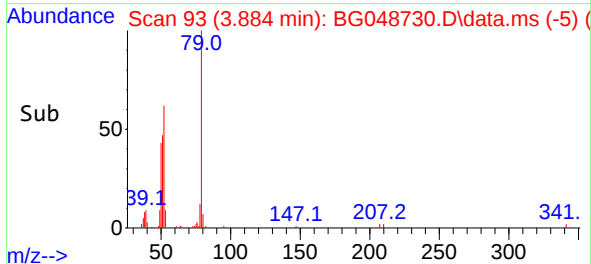
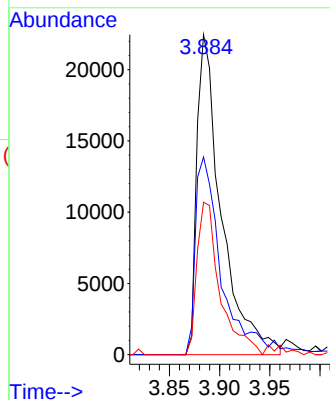
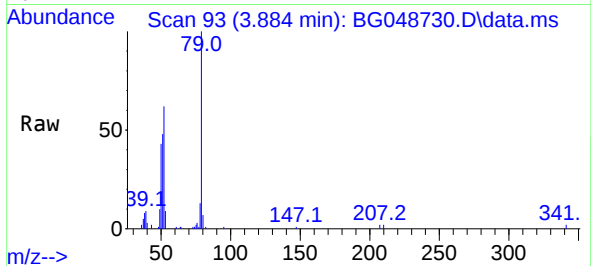
#3  
Pyridine  
Concen: 35.52 ng  
RT: 3.884 min Scan# 93  
Delta R.T. -0.013 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion: 79 Resp: 38133  
Ion Ratio Lower Upper  
79 100  
52 61.7 58.4 87.6  
51 47.6 37.0 55.6

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

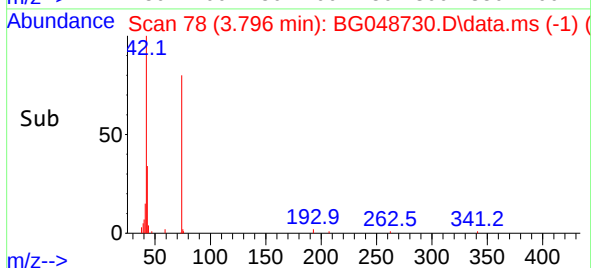
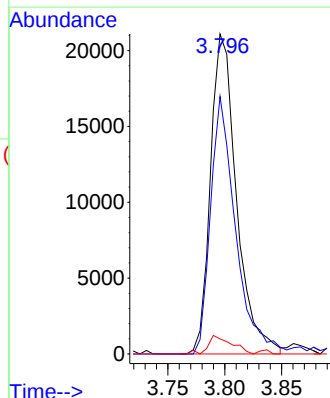
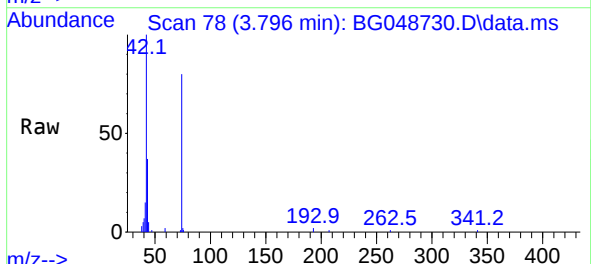
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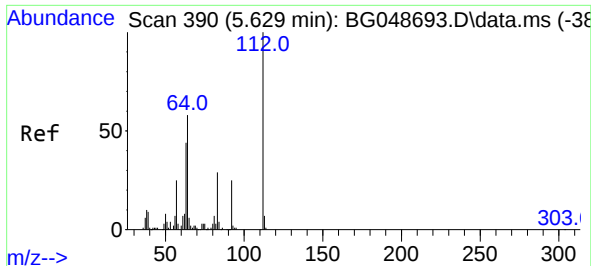
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#4  
n-Nitrosodimethylamine  
Concen: 40.98 ng  
RT: 3.796 min Scan# 78  
Delta R.T. -0.013 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion: 42 Resp: 33585  
Ion Ratio Lower Upper  
42 100  
74 80.5 64.0 96.0  
44 4.7 2.7 4.1





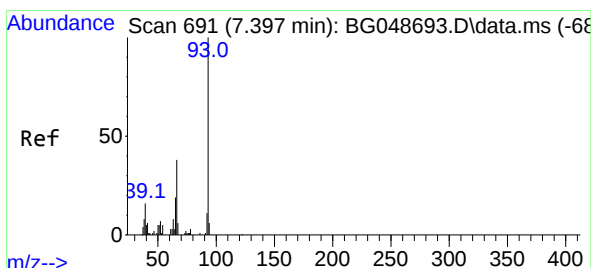
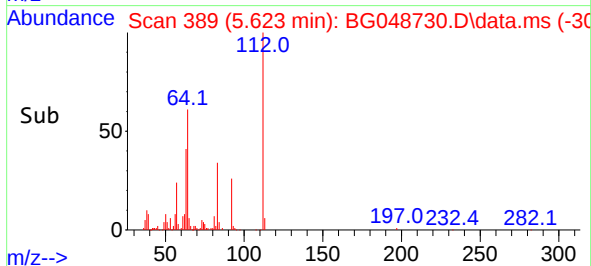
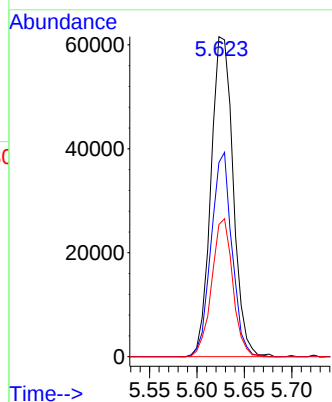
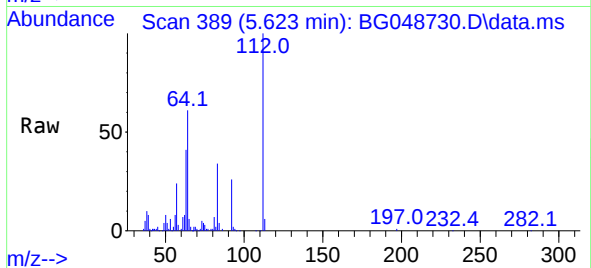
#5  
2-Fluorophenol  
Concen: 95.41 ng  
RT: 5.623 min Scan# 389  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 100290 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 60.7  | 46.7  | 70.1   |
| 63        | 41.3  | 35.3  | 52.9   |

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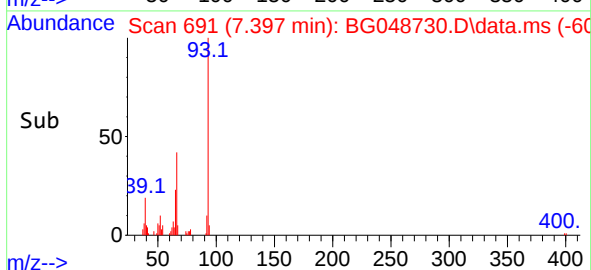
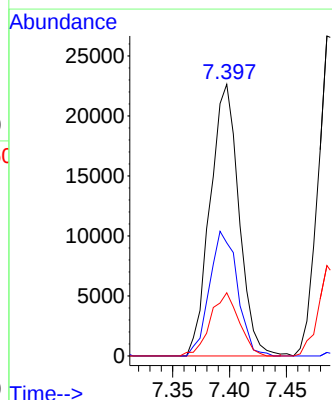
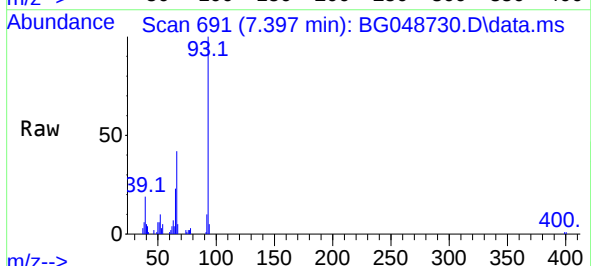
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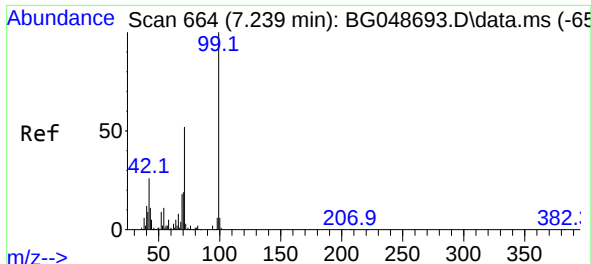
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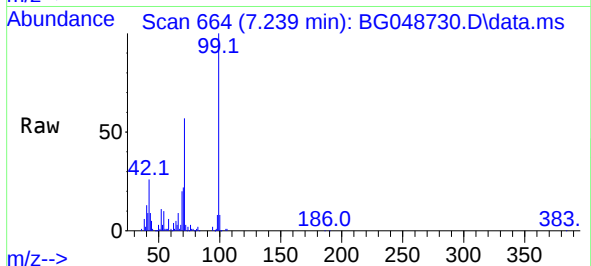
#6  
Aniline  
Concen: 23.94 ng  
RT: 7.397 min Scan# 691  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 39947 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 41.7  | 30.6  | 45.8  |
| 65        | 23.3  | 15.0  | 22.4  |



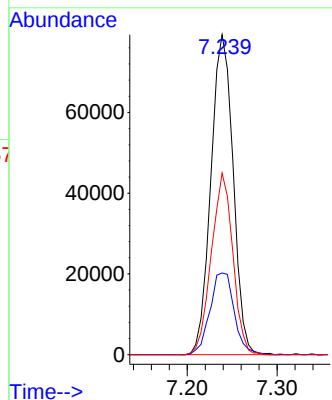


#7  
Phenol-d6  
Concen: 91.50 ng  
RT: 7.239 min Scan# 664  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



Tgt Ion: 99 Resp: 136042

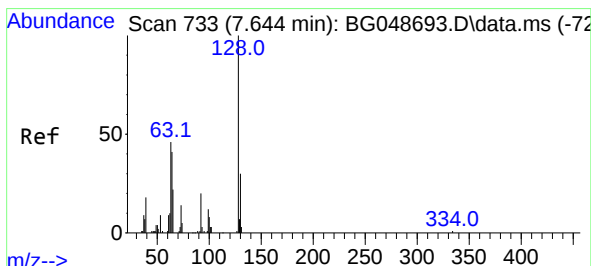
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 25.6  | 20.5  | 30.7  |
| 71  | 56.7  | 41.5  | 62.3  |



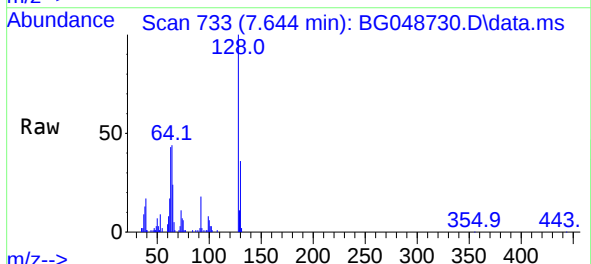
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BNA\_G  
ClientSampleId :  
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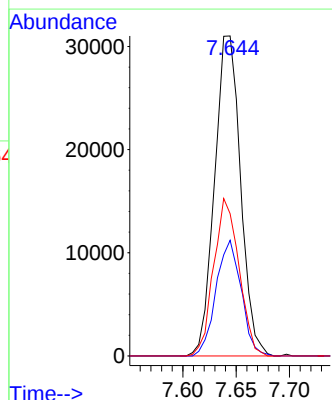
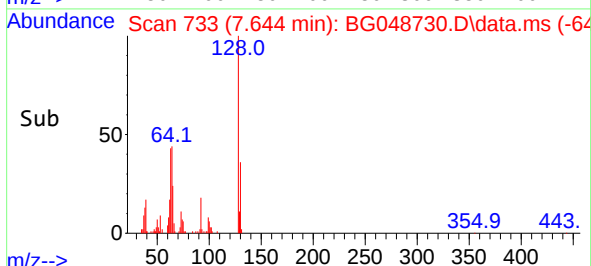


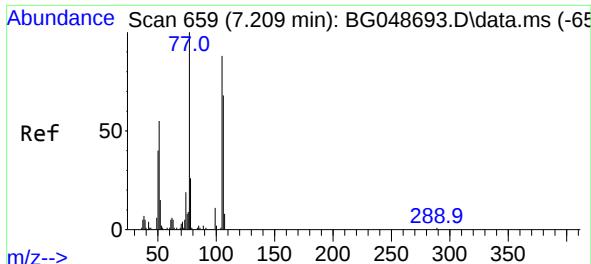
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2-Chlorophenol  
Concen: 47.14 ng  
RT: 7.644 min Scan# 733  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



Tgt Ion: 128 Resp: 52566

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 36.2  | 10.0  | 50.0  |
| 64  | 44.5  | 28.1  | 68.1  |





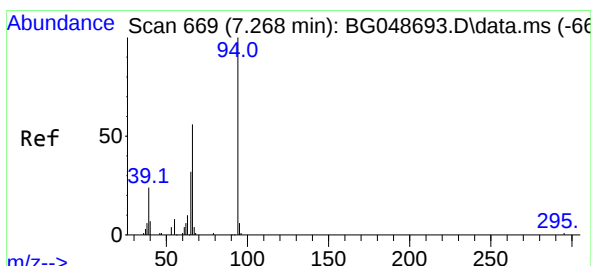
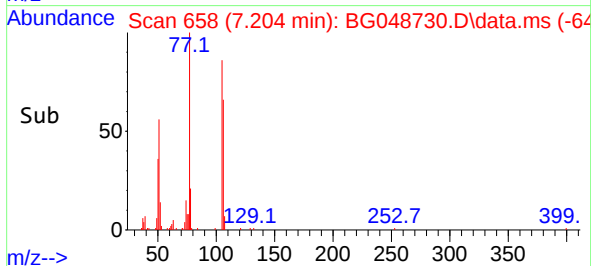
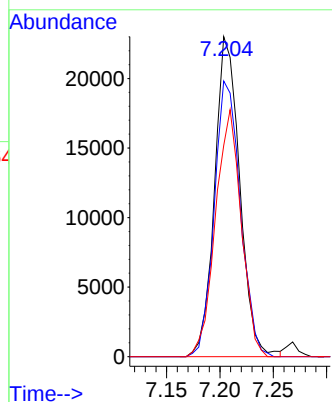
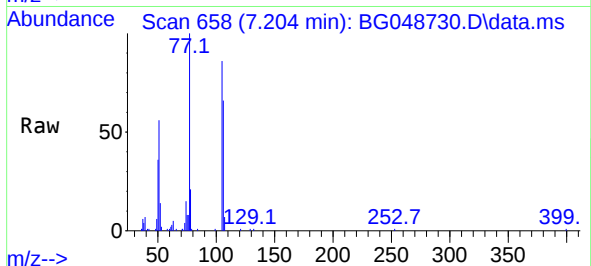
#9  
Benzaldehyde  
Concen: 38.19 ng  
RT: 7.204 min Scan# 658  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 37625 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 86.2  | 68.8  | 108.8 |
| 106      | 66.0  | 47.9  | 87.9  |

Instrument :  
BNA\_G  
ClientSampleId :  
S-2AMS

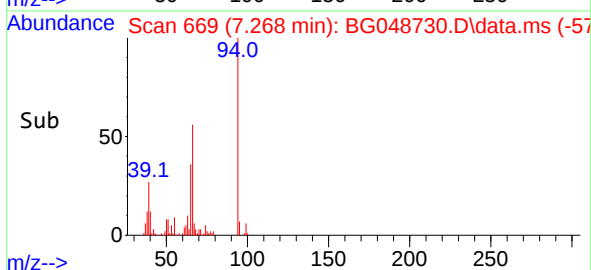
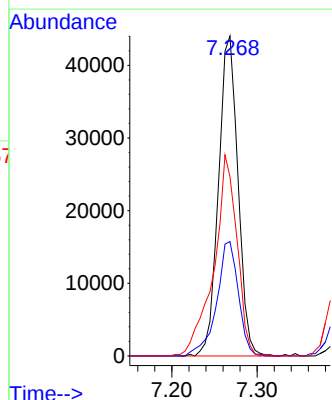
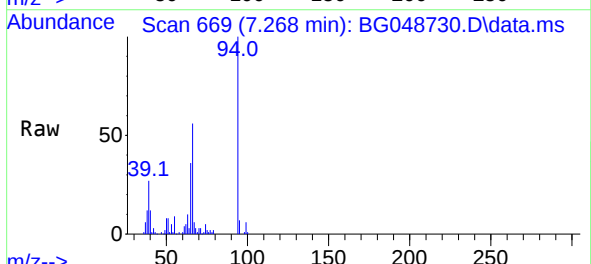
Manual Integrations  
APPROVED

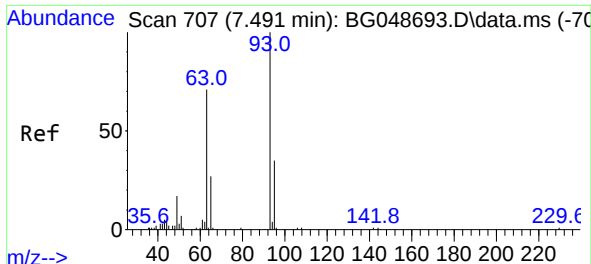
mohammad  
4/19/2021 11:44:22 AM



#10  
Phenol  
Concen: 47.88 ng  
RT: 7.268 min Scan# 669  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

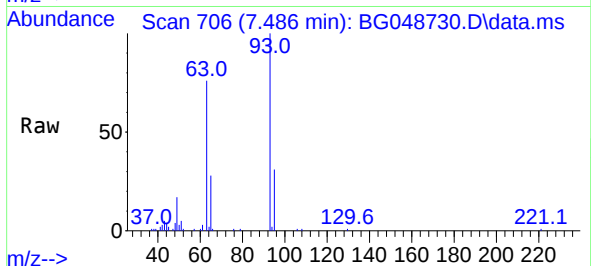
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 69996 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 35.7  | 12.9  | 52.9  |
| 66       | 56.1  | 39.4  | 79.4  |





#11  
bis(2-Chloroethyl)ether  
Concen: 43.23 ng  
RT: 7.486 min Scan# 706  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

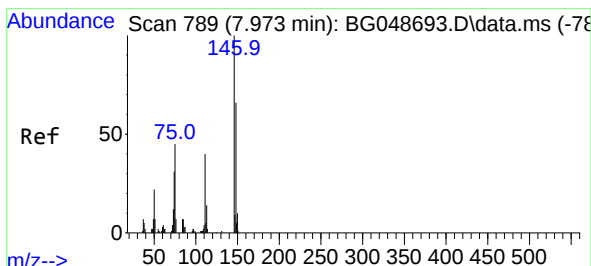
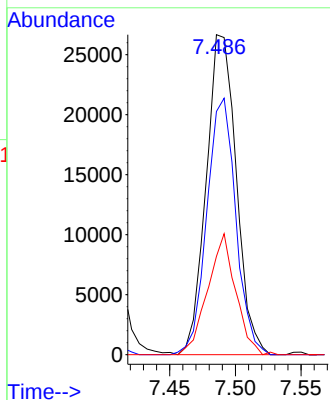
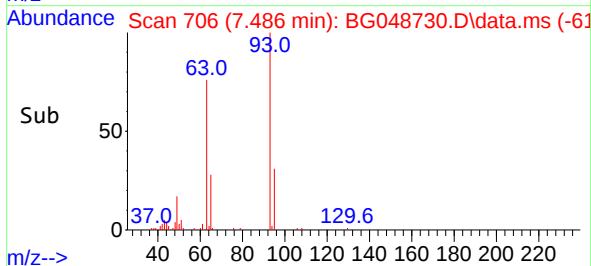
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS



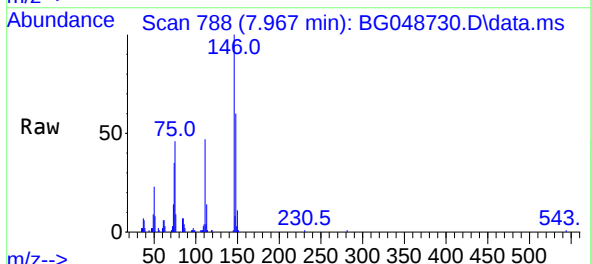
Tgt Ion: 93 Resp: 42594  
Ion Ratio Lower Upper  
93 100  
63 76.0 50.4 90.4  
95 30.7 15.3 55.3

Manual Integrations  
APPROVED

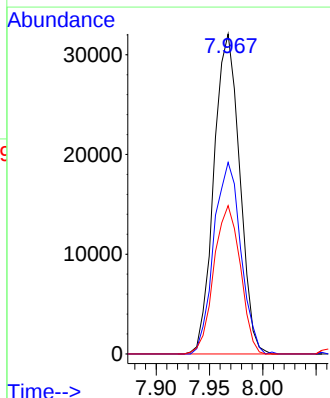
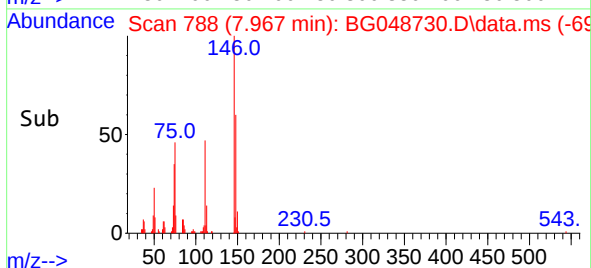
mohammad  
4/19/2021 11:44:22 AM

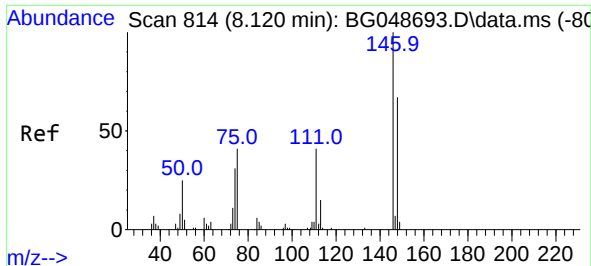


#12  
1,3-Dichlorobenzene  
Concen: 42.06 ng  
RT: 7.967 min Scan# 788  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



Tgt Ion: 146 Resp: 53926  
Ion Ratio Lower Upper  
146 100  
148 59.8 52.6 78.8  
75 46.4 35.7 53.5





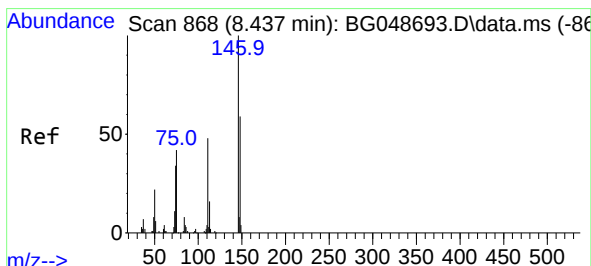
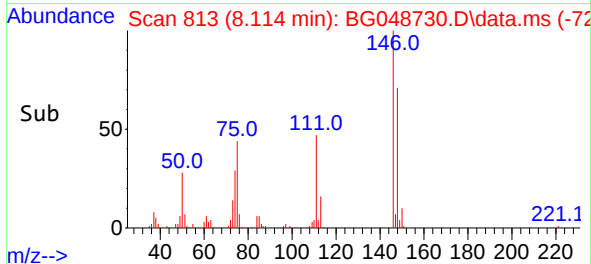
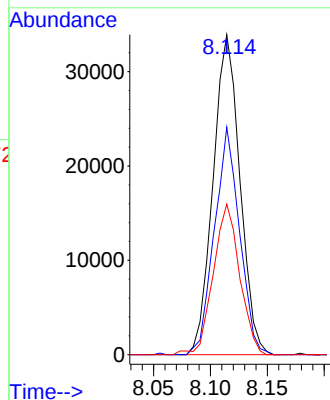
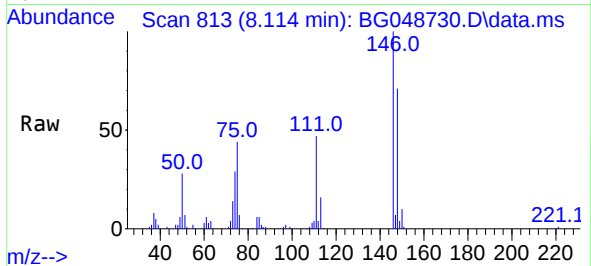
#13  
1,4-Dichlorobenzene  
Concen: 42.55 ng  
RT: 8.114 min Scan# 813  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 71.0  | 54.0  | 81.0  |
| 111     | 47.1  | 34.3  | 51.5  |

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

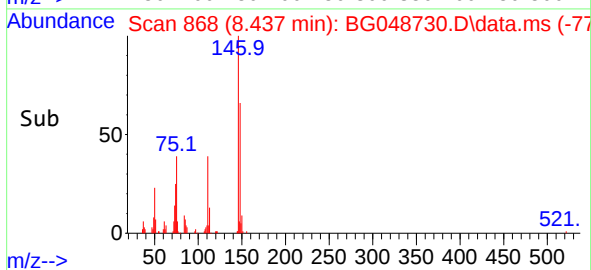
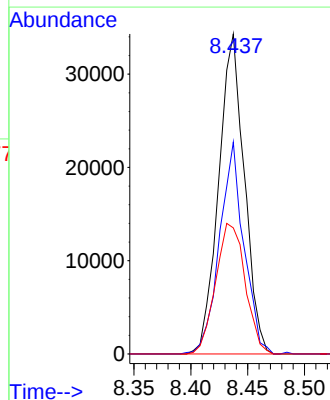
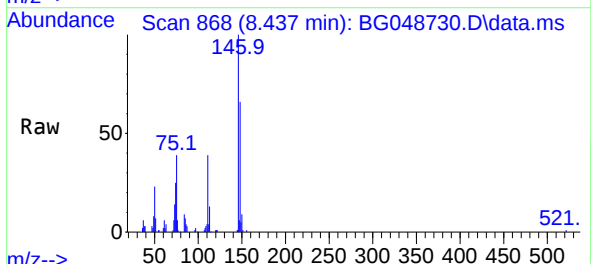
Manual Integrations  
APPROVED

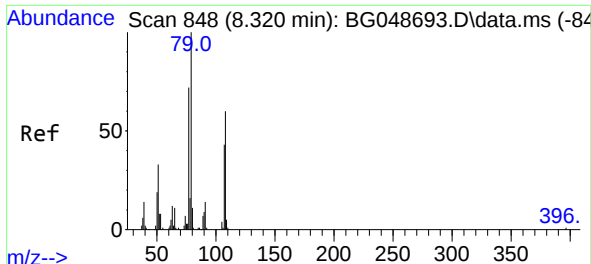
mohammad  
4/19/2021 11:44:22 AM



#14  
1,2-Dichlorobenzene  
Concen: 44.79 ng  
RT: 8.437 min Scan# 868  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

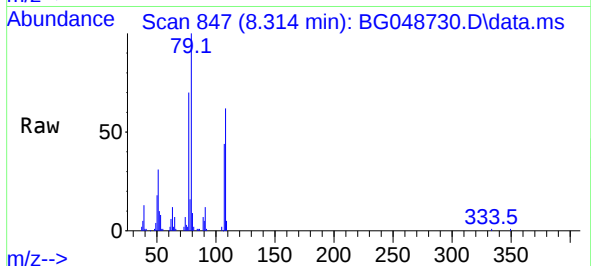
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.2  | 47.5  | 71.3  |
| 111     | 39.4  | 39.1  | 58.7  |





#15  
Benzyl Alcohol  
Concen: 44.10 ng  
RT: 8.314 min Scan# 847  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

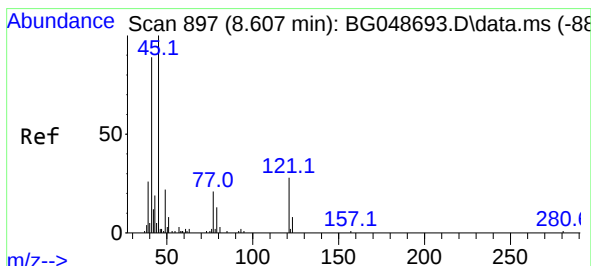
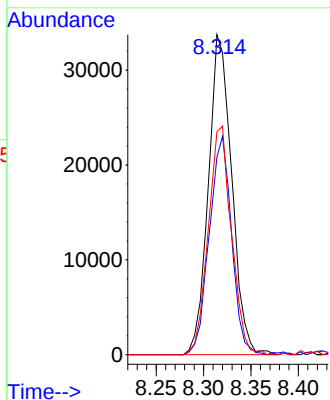
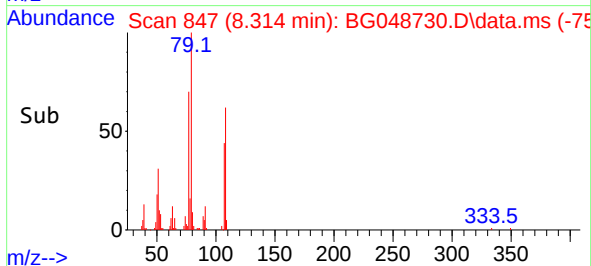
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS



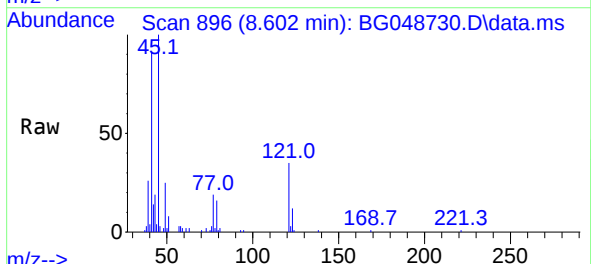
Tgt Ion: 79 Resp: 57776  
Ion Ratio Lower Upper  
79 100  
108 61.8 48.2 72.4  
77 69.7 57.3 85.9

Manual Integrations  
APPROVED

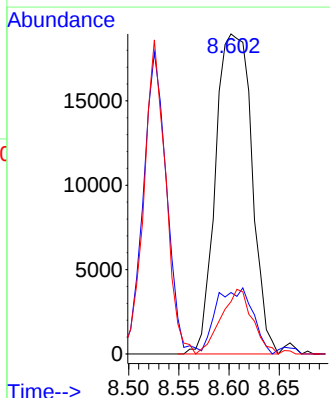
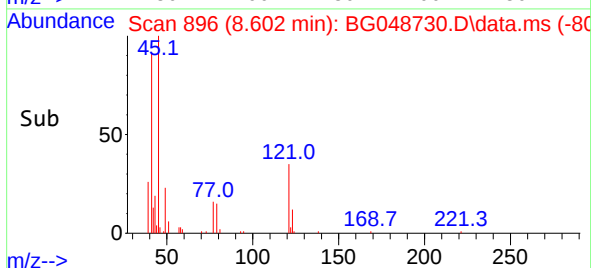
mohammad  
4/19/2021 11:44:22 AM

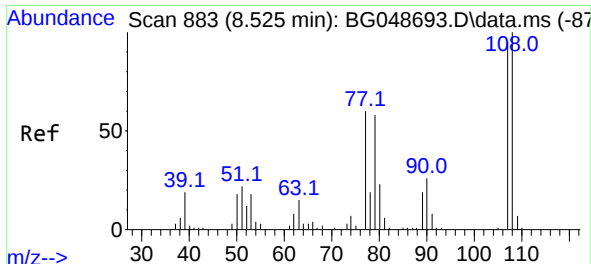


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.53 ng  
RT: 8.602 min Scan# 896  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



Tgt Ion: 45 Resp: 47566  
Ion Ratio Lower Upper  
45 100  
77 19.2 2.2 42.2  
79 16.3 0.0 34.3





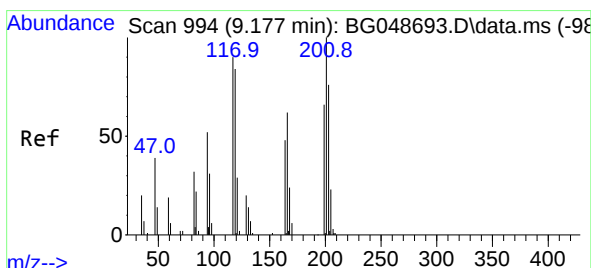
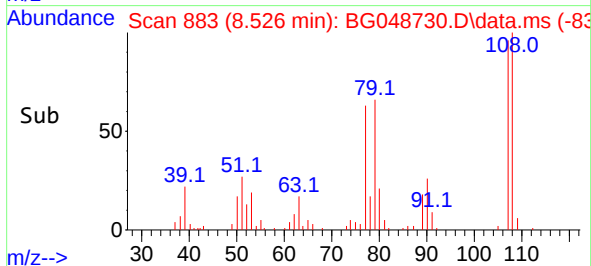
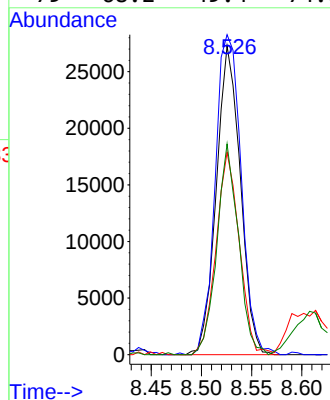
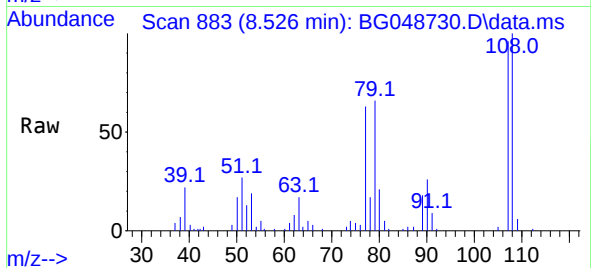
#17  
2-Methylphenol  
Concen: 48.60 ng  
RT: 8.526 min Scan# 883  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 45357 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 103.6 | 84.6  | 127.0 |
| 77       | 65.5  | 50.7  | 76.1  |
| 79       | 68.2  | 49.4  | 74.0  |

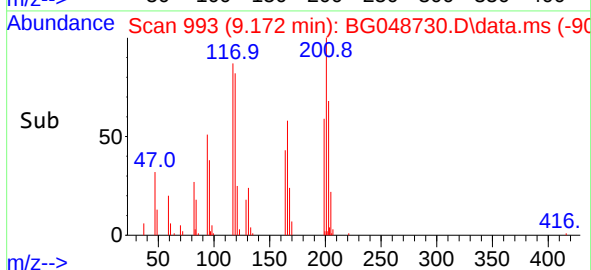
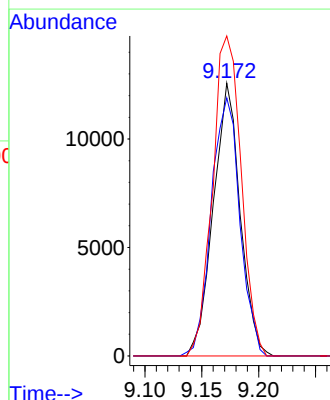
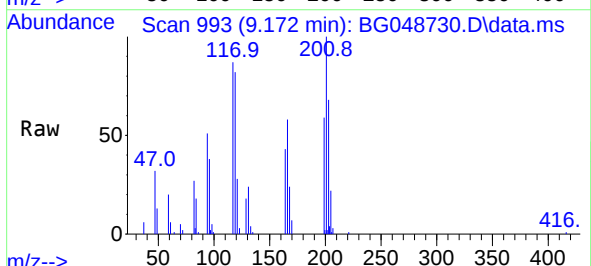
Manual Integrations  
APPROVED

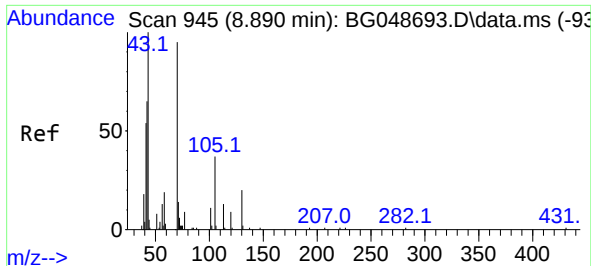
mohammad  
4/19/2021 11:44:22 AM



#18  
Hexachloroethane  
Concen: 40.19 ng  
RT: 9.172 min Scan# 993  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 20628 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.6  | 74.4  | 111.6 |
| 201      | 117.3 | 88.6  | 133.0 |





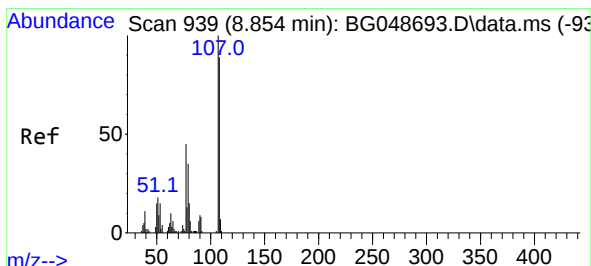
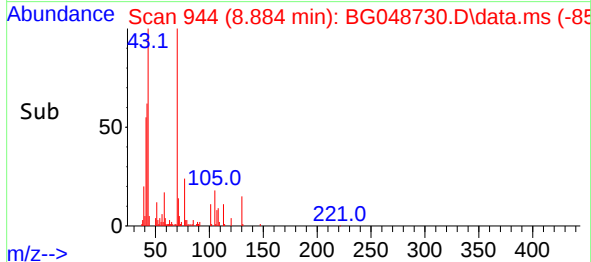
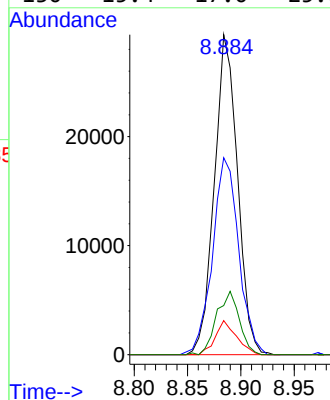
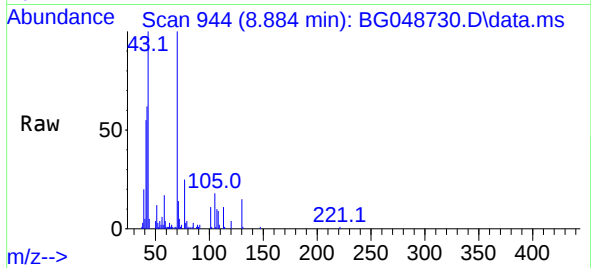
#19  
n-Nitroso-di-n-propylamine  
Concen: 44.26 ng  
RT: 8.884 min Scan# 944  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 44395 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 61.5  | 54.5  | 81.7  |
| 101      | 10.7  | 9.0   | 13.6  |
| 130      | 15.4  | 17.0  | 25.6# |

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

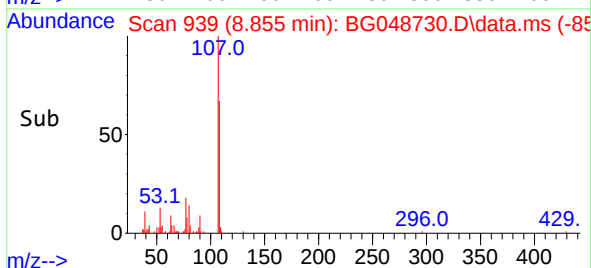
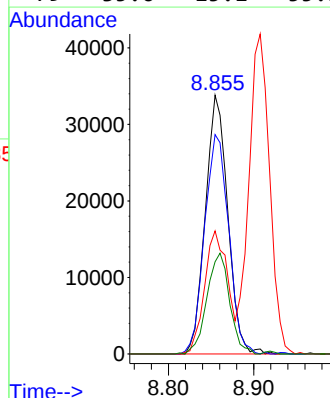
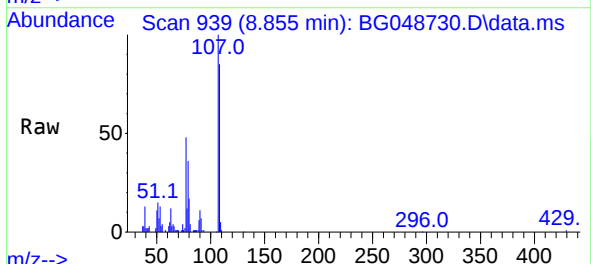
Manual Integrations  
APPROVED

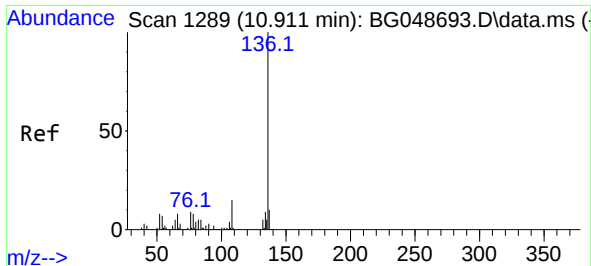
mohammad  
4/19/2021 11:44:22 AM



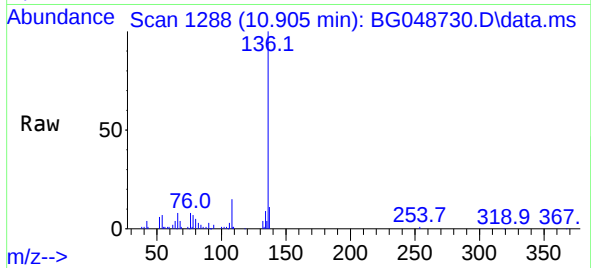
#20  
3+4-Methylphenols  
Concen: 47.94 ng  
RT: 8.855 min Scan# 939  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 61737 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 84.8  | 69.3  | 109.3 |
| 77       | 47.5  | 25.2  | 65.2  |
| 79       | 35.6  | 15.1  | 55.1  |

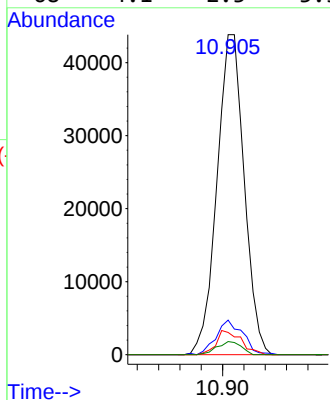




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.905 min Scan# 1288  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



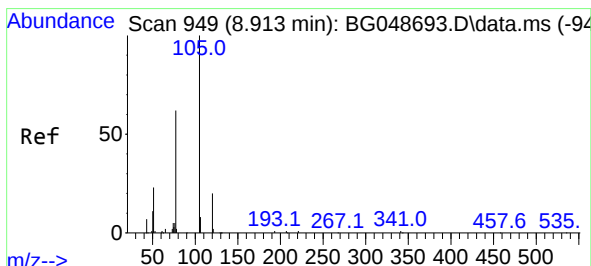
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 77622 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.8  | 8.2   | 12.2  |
| 54        | 6.9   | 5.5   | 8.3   |
| 68        | 4.1   | 2.3   | 3.5#  |



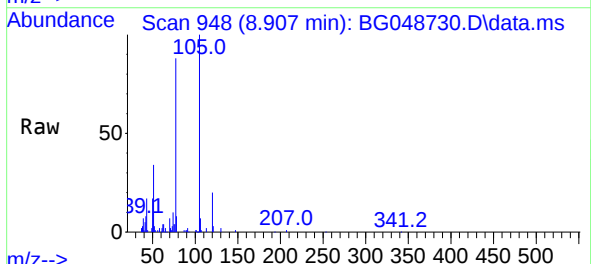
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

Manual Integrations  
APPROVED

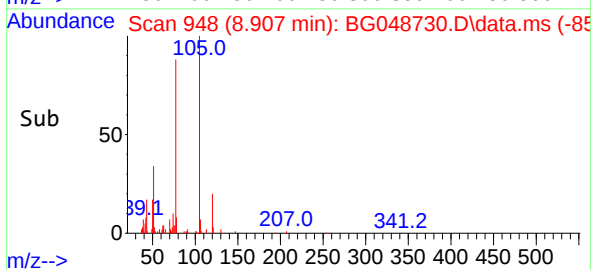
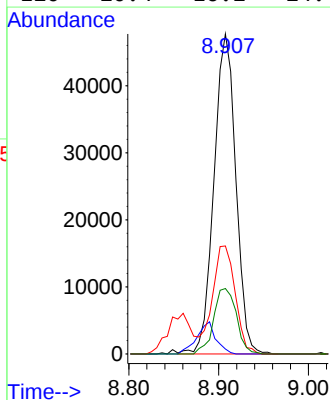
mohammad  
4/19/2021 11:44:22 AM

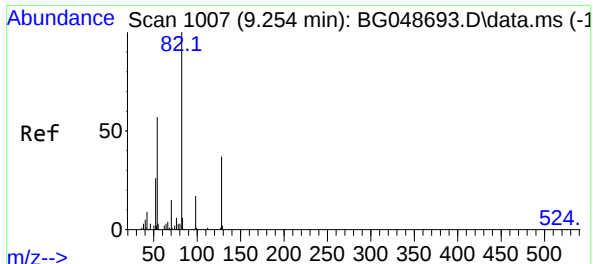


#22  
Acetophenone  
Concen: 39.87 ng  
RT: 8.907 min Scan# 948  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 80561 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 1.5   | 0.6   | 0.8#  |
| 51        | 33.7  | 26.6  | 40.0  |
| 120       | 20.4  | 16.2  | 24.4  |





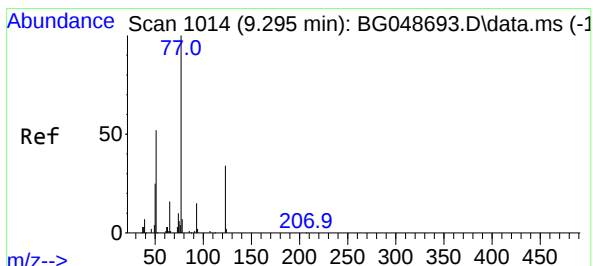
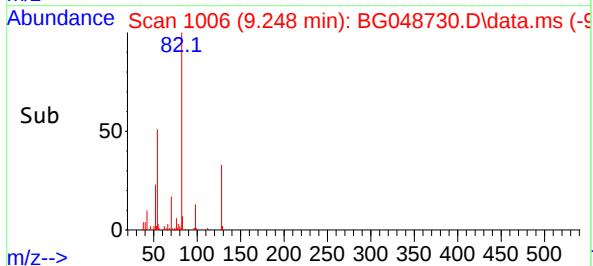
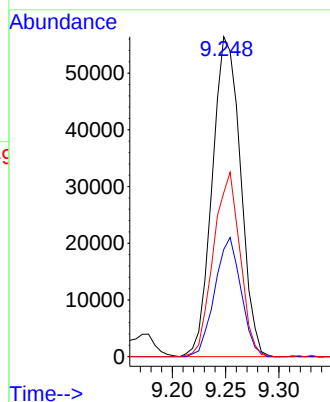
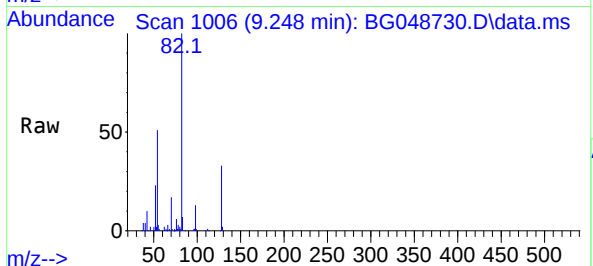
#23  
Nitrobenzene-d5  
Concen: 59.86 ng  
RT: 9.248 min Scan# 1006  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion: 82 Resp: 103792  
Ion Ratio Lower Upper  
82 100  
128 33.5 29.8 44.6  
54 51.2 45.8 68.8

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

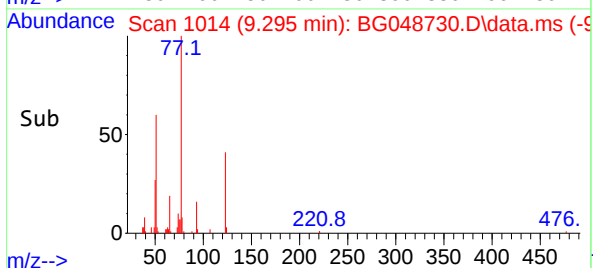
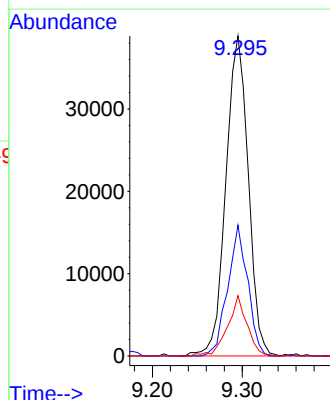
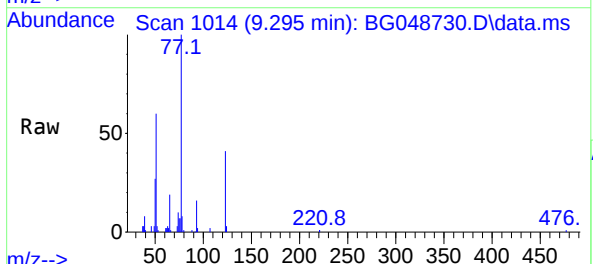
Manual Integrations  
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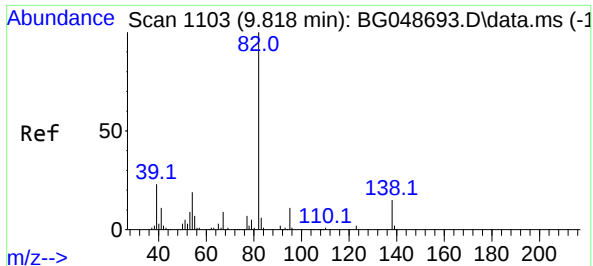
mohammad  
4/19/2021 11:44:22 AM



#24  
Nitrobenzene  
Concen: 38.90 ng  
RT: 9.295 min Scan# 1014  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion: 77 Resp: 67267  
Ion Ratio Lower Upper  
77 100  
123 40.9 27.5 41.3  
65 18.8 12.6 18.8





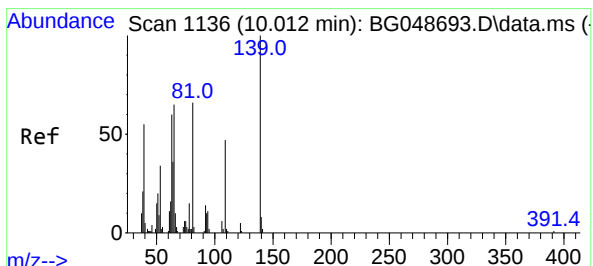
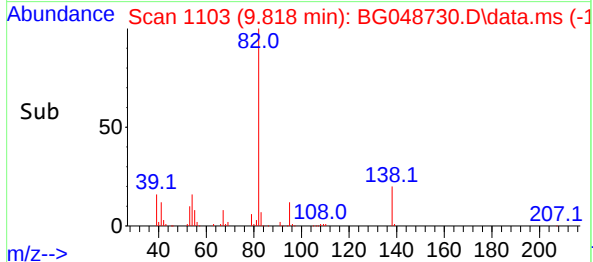
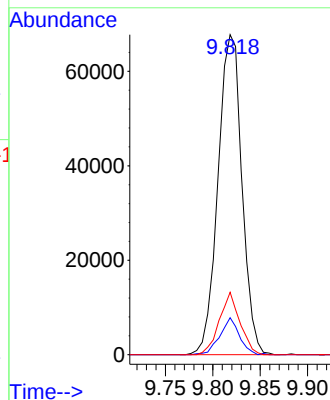
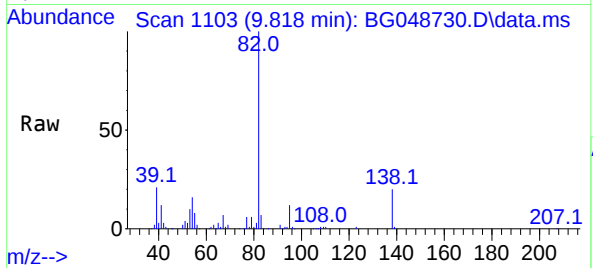
#25  
Isophorone  
Concen: 38.79 ng  
RT: 9.818 min Scan# 1103  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion: 82 Resp: 118936  
Ion Ratio Lower Upper  
82 100  
95 11.5 8.5 12.7  
138 19.5 11.8 17.6#

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

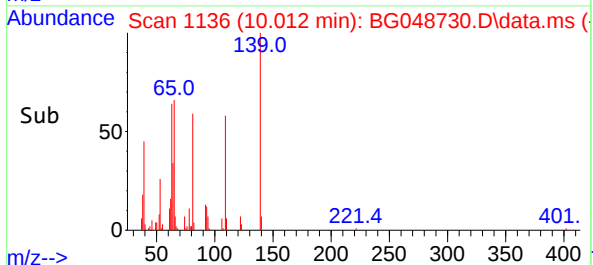
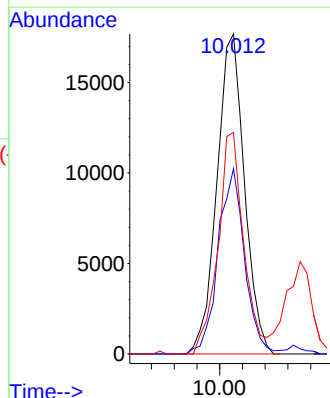
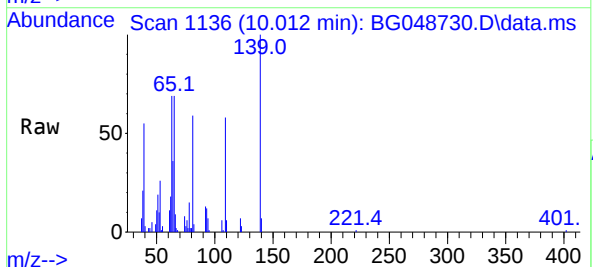
Manual Integrations  
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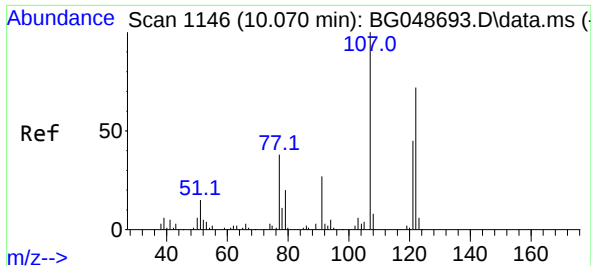
mohammad  
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#26  
2-Nitrophenol  
Concen: 39.72 ng  
RT: 10.012 min Scan# 1136  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion: 139 Resp: 29732  
Ion Ratio Lower Upper  
139 100  
109 57.9 37.8 56.6#  
65 69.3 51.8 77.8





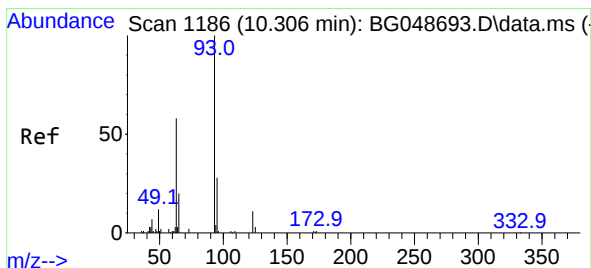
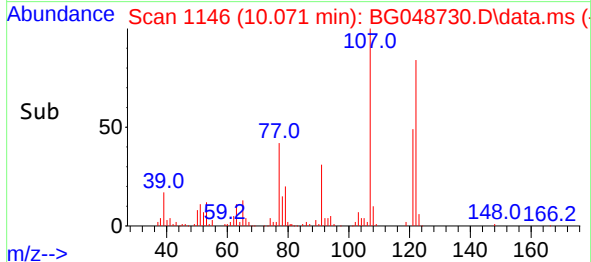
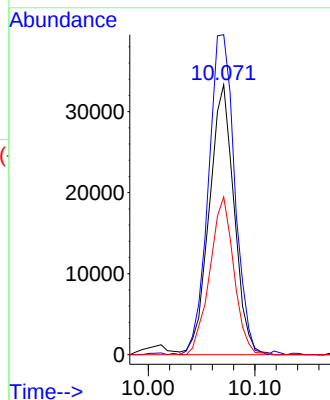
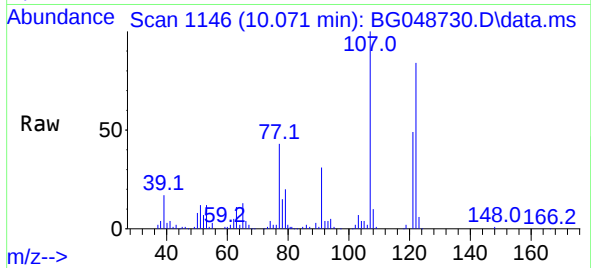
#27  
2,4-Dimethylphenol  
Concen: 46.78 ng  
RT: 10.071 min Scan# 1146  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion:122 Resp: 53832  
Ion Ratio Lower Upper  
122 100  
107 118.6 110.1 165.1  
121 58.5 49.0 73.6

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

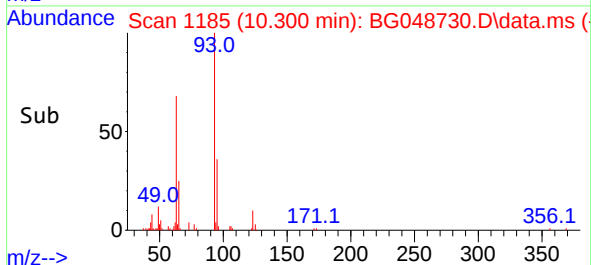
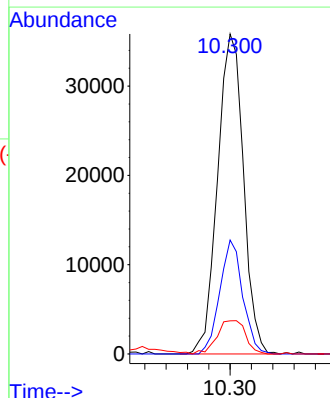
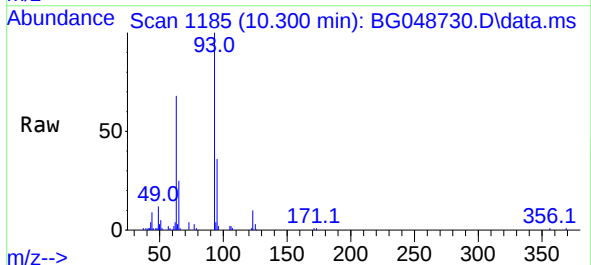
Manual Integrations  
APPROVED

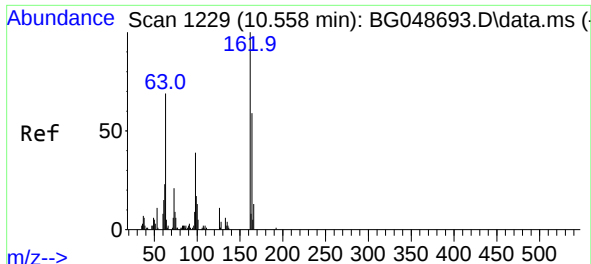
mohammad  
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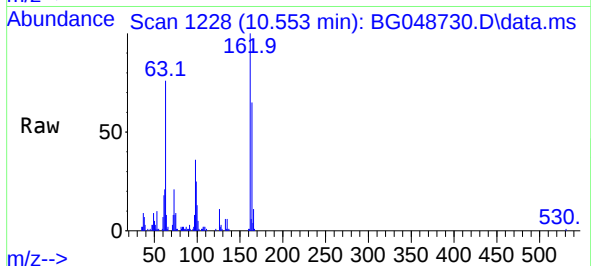
#28  
bis(2-Chloroethoxy)methane  
Concen: 45.10 ng  
RT: 10.300 min Scan# 1185  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion: 93 Resp: 60244  
Ion Ratio Lower Upper  
93 100  
95 35.6 22.2 33.4#  
123 10.4 8.8 13.2

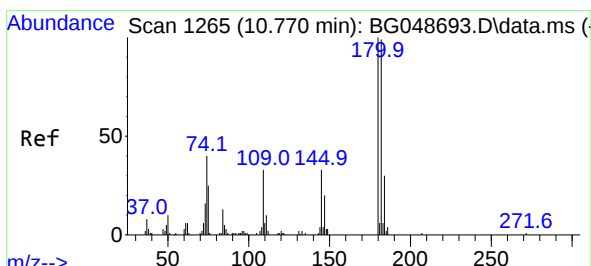
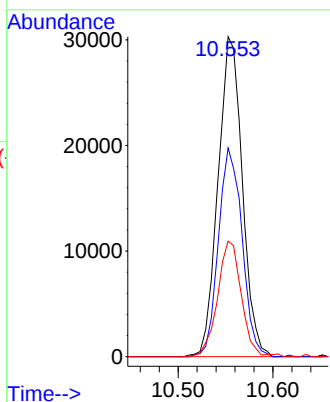
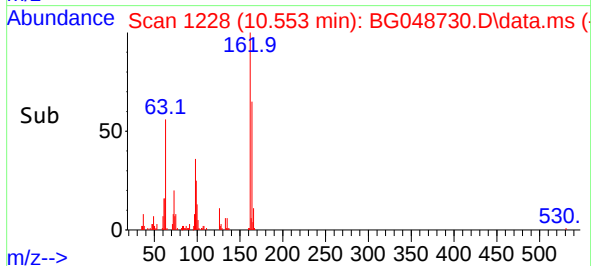




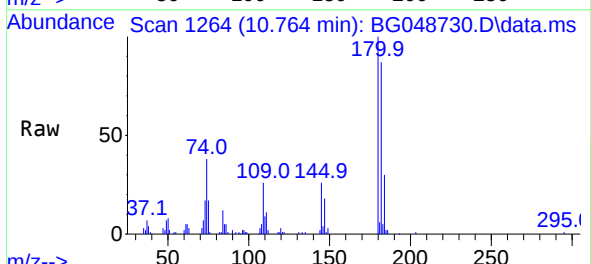
#29  
2,4-Dichlorophenol  
Concen: 41.52 ng  
RT: 10.553 min Scan# 1228  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



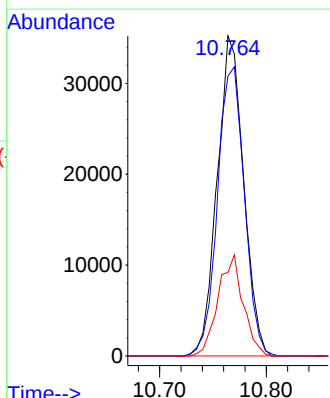
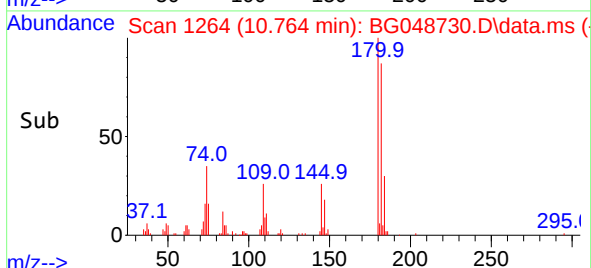
Tgt Ion:162 Resp: 53883  
Ion Ratio Lower Upper  
162 100  
164 65.2 39.4 79.4  
98 36.1 18.7 58.7



#30  
1,2,4-Trichlorobenzene  
Concen: 40.19 ng  
RT: 10.764 min Scan# 1264  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



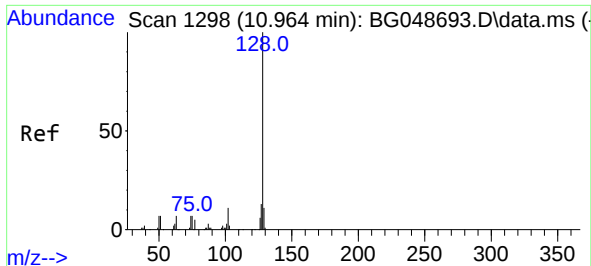
Tgt Ion:180 Resp: 60478  
Ion Ratio Lower Upper  
180 100  
182 87.4 78.9 118.3  
145 26.2 26.2 39.4#



Instrument :  
BNA\_G  
ClientSampleId :  
S-2AMS

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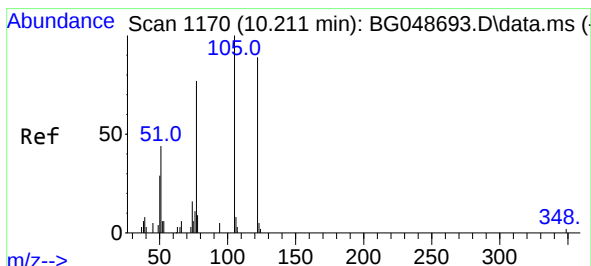
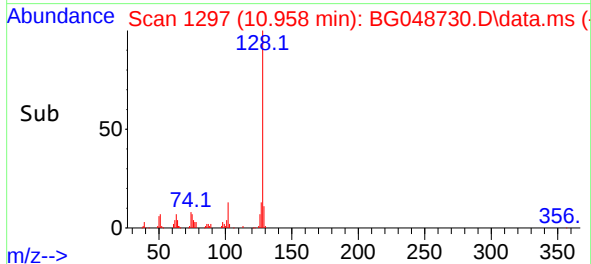
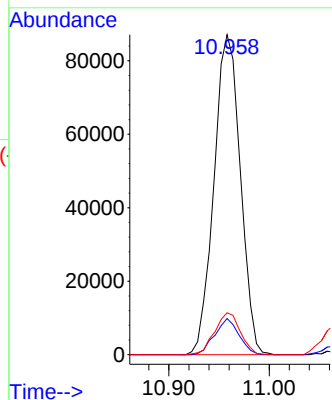
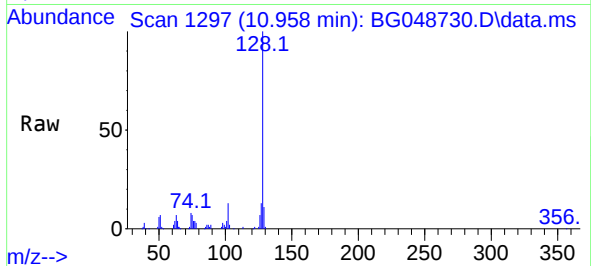
#31  
Naphthalene  
Concen: 39.89 ng  
RT: 10.958 min Scan# 1297  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion:128 Resp: 158899  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.5 12.7  
127 13.1 10.2 15.4

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

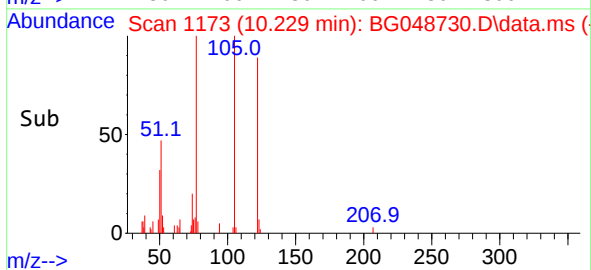
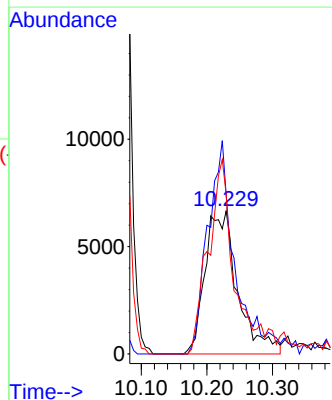
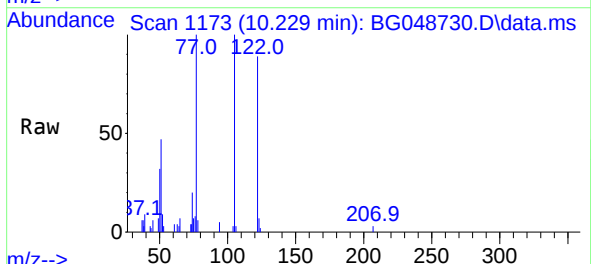
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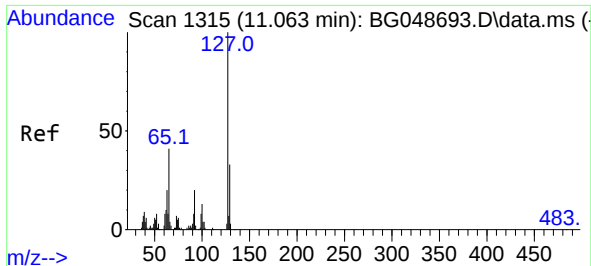
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4/19/2021 11:44:22 AM



#32  
Benzoic acid  
Concen: 33.82 ng  
RT: 10.229 min Scan# 1173  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

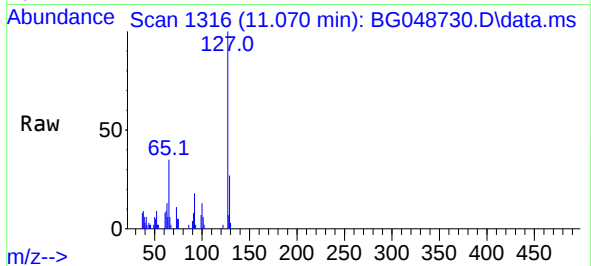
Tgt Ion:122 Resp: 22798  
Ion Ratio Lower Upper  
122 100  
105 112.0 92.3 132.3  
77 111.8 66.5 106.5#





#33  
4-Chloroaniline  
Concen: 10.27 ng  
RT: 11.070 min Scan# 1316  
Delta R.T. 0.005 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

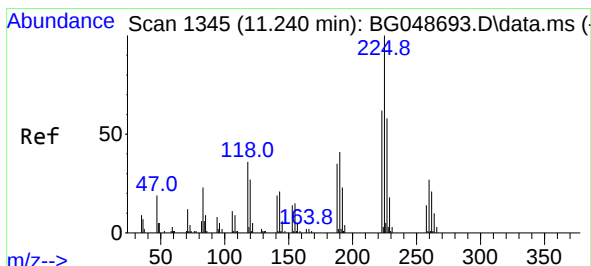
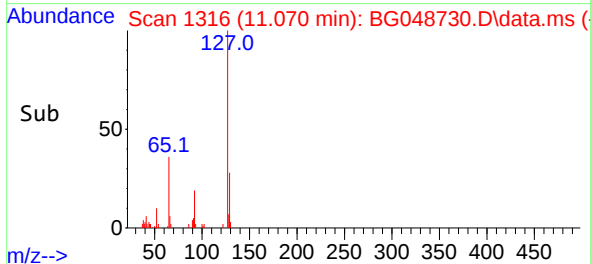
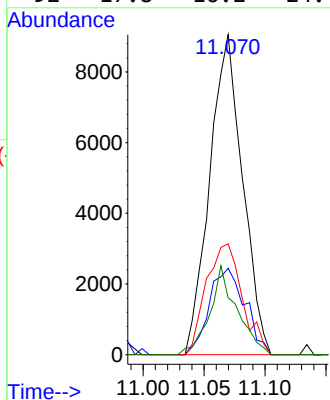
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 17024 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 27.0  | 26.7  | 40.1  |
| 65        | 34.7  | 32.8  | 49.2  |
| 92        | 17.8  | 16.2  | 24.4  |

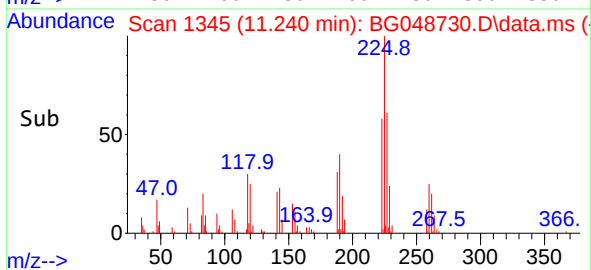
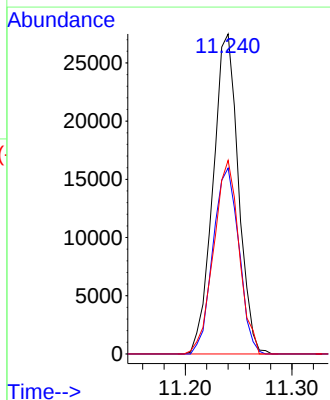
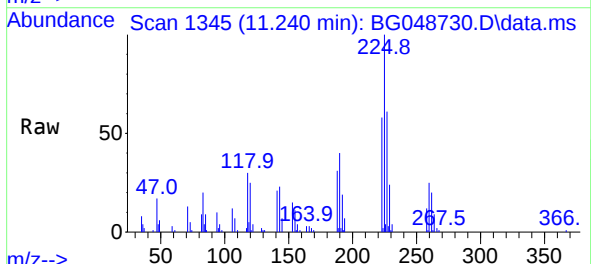
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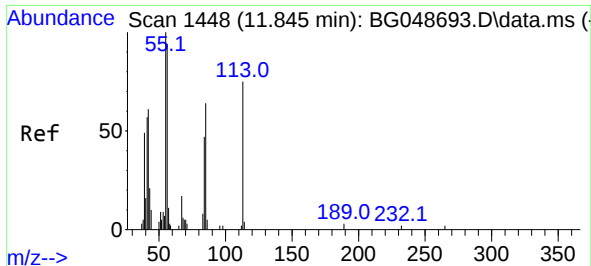
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 40.59 ng  
RT: 11.240 min Scan# 1345  
Delta R.T. 0.005 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 45348 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 58.1  | 49.8  | 74.8  |
| 227       | 58.0  | 46.4  | 69.6  |





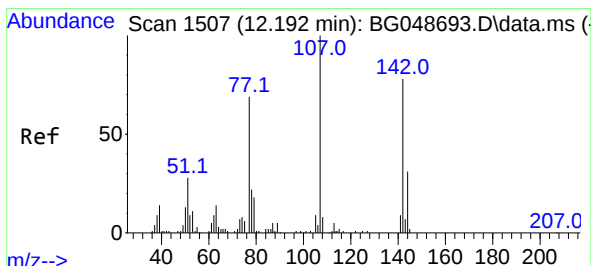
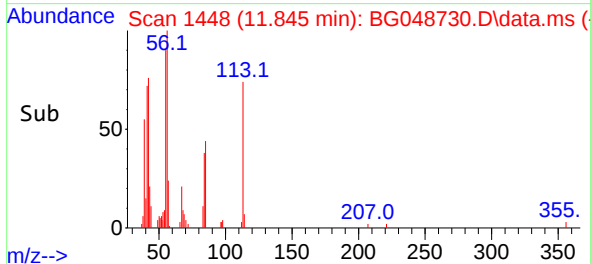
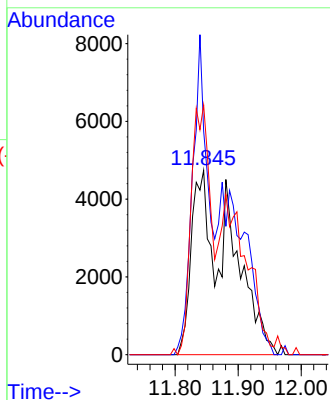
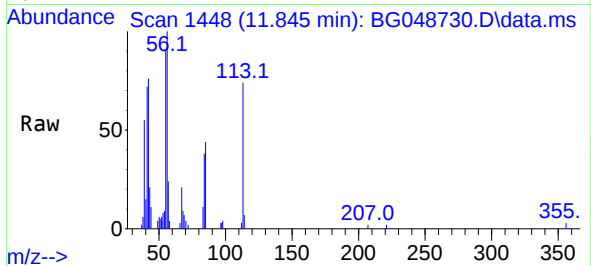
#35  
Caprolactam  
Concen: 44.78 ng m  
RT: 11.845 min Scan# 1448  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion:113 Resp: 19746  
Ion Ratio Lower Upper  
113 100  
55 121.5 113.8 153.8  
56 135.5 105.6 145.6

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

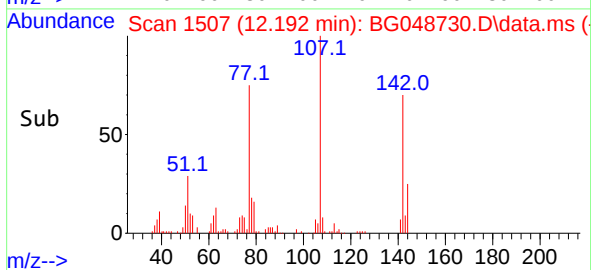
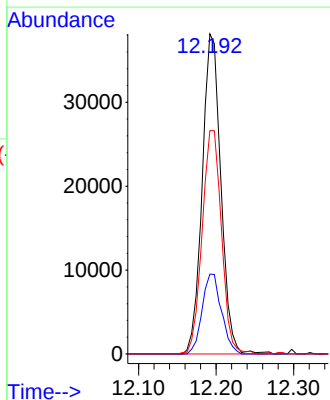
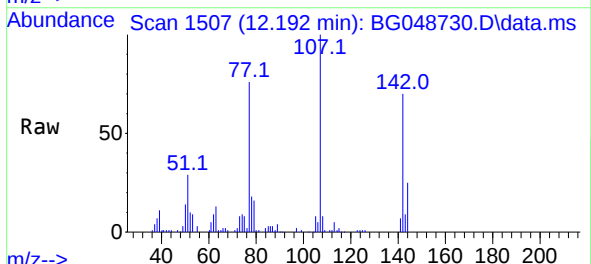
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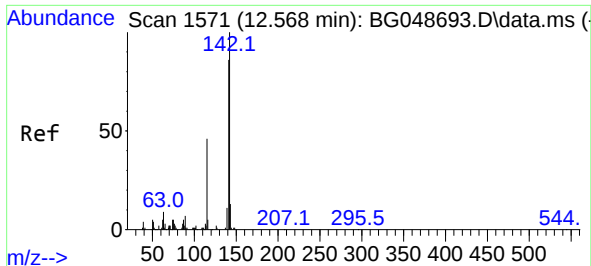
mohammad  
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#36  
4-Chloro-3-methylphenol  
Concen: 43.42 ng  
RT: 12.192 min Scan# 1507  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

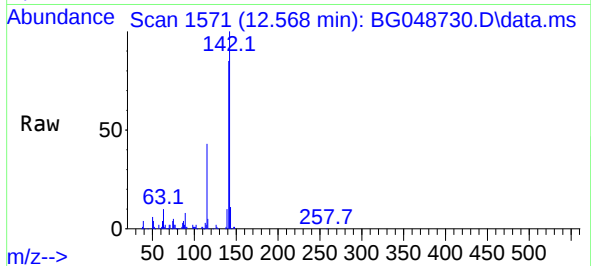
Tgt Ion:107 Resp: 63811  
Ion Ratio Lower Upper  
107 100  
144 24.9 24.8 37.2  
142 69.8 62.2 93.4





#37  
2-Methylnaphthalene  
Concen: 40.28 ng  
RT: 12.568 min Scan# 1571  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

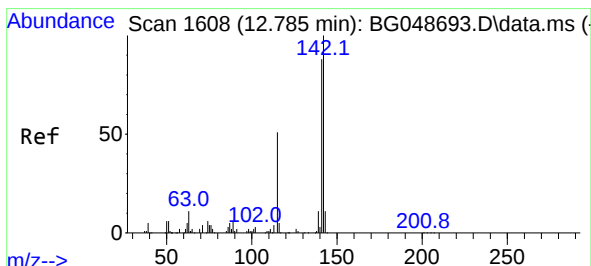
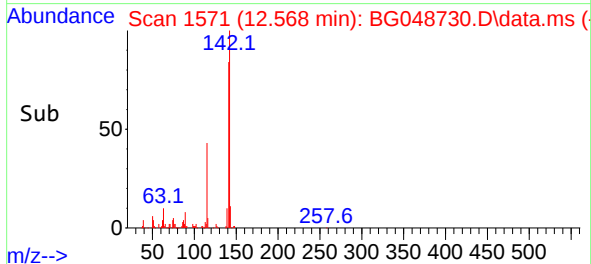
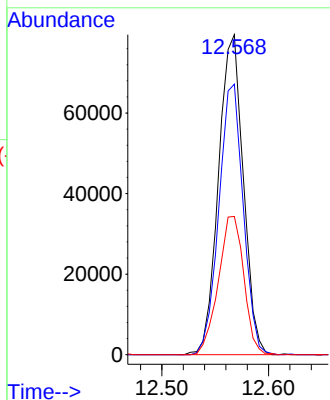
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS



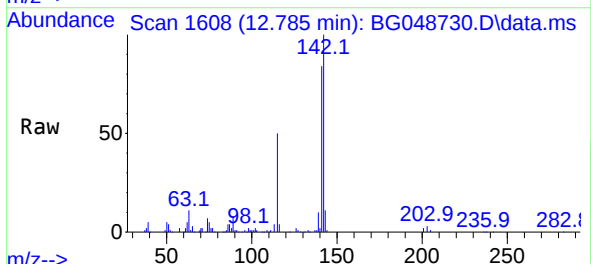
Tgt Ion:142 Resp: 128193  
Ion Ratio Lower Upper  
142 100  
141 84.6 68.8 103.2  
115 43.2 36.4 54.6

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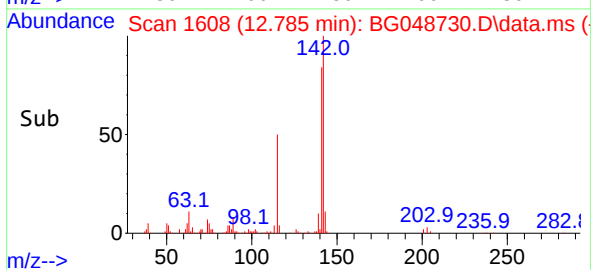
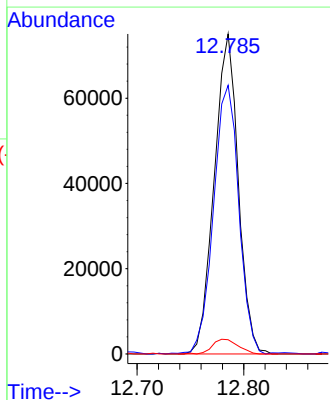
mohammad  
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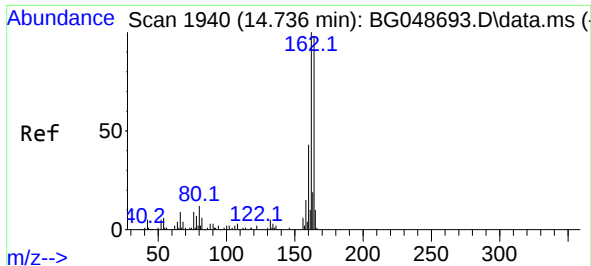


#38  
1-Methylnaphthalene  
Concen: 39.61 ng  
RT: 12.785 min Scan# 1608  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



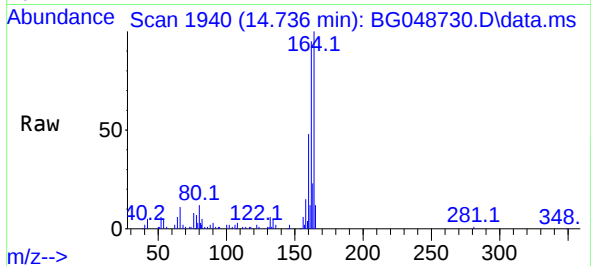
Tgt Ion:142 Resp: 117292  
Ion Ratio Lower Upper  
142 100  
141 84.0 70.6 106.0  
116 4.4 4.0 6.0





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.736 min Scan# 1940  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

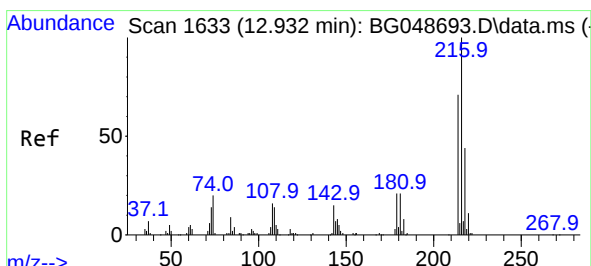
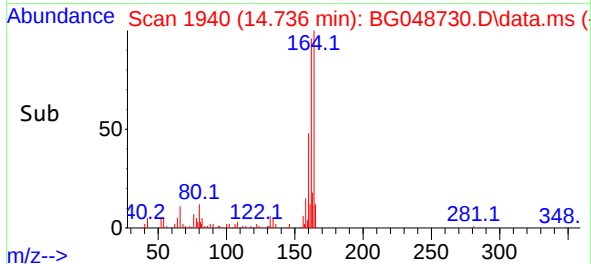
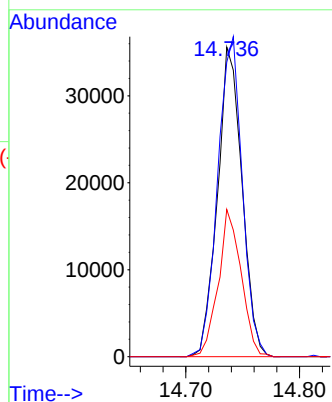
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS



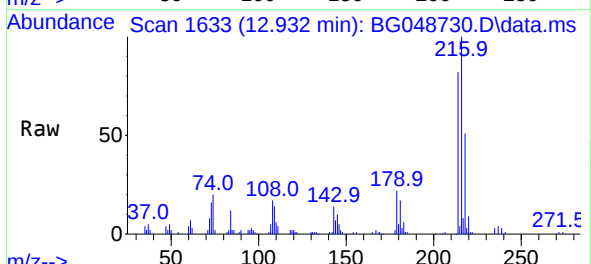
Tgt Ion:164 Resp: 53413  
Ion Ratio Lower Upper  
164 100  
162 95.1 81.4 122.0  
160 47.5 34.9 52.3

Manual Integrations  
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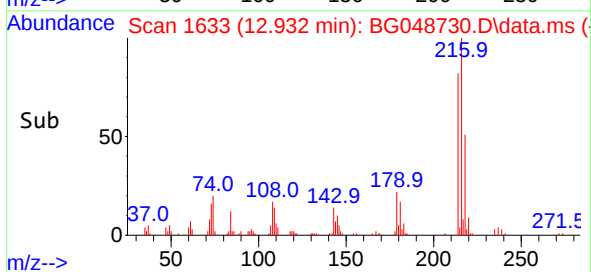
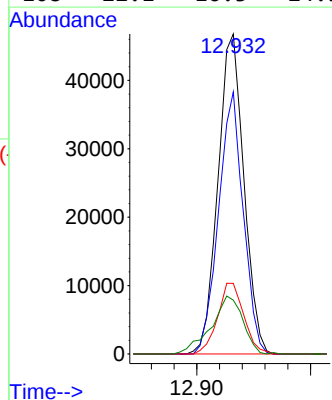
mohammad  
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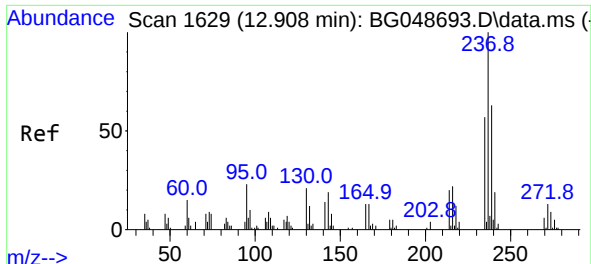


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.52 ng  
RT: 12.932 min Scan# 1633  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

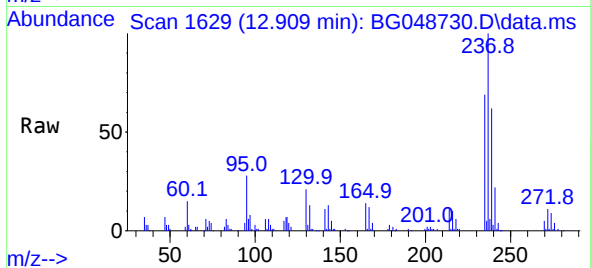


Tgt Ion:216 Resp: 73920  
Ion Ratio Lower Upper  
216 100  
214 78.0 61.4 92.2  
179 22.4 17.3 25.9  
108 22.1 16.3 24.5

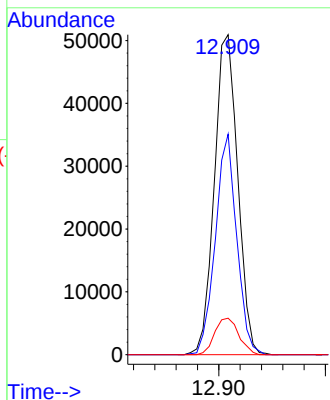
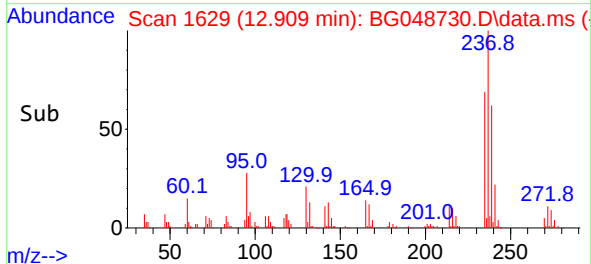




#41  
Hexachlorocyclopentadiene  
Concen: 81.36 ng  
RT: 12.909 min Scan# 1629  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



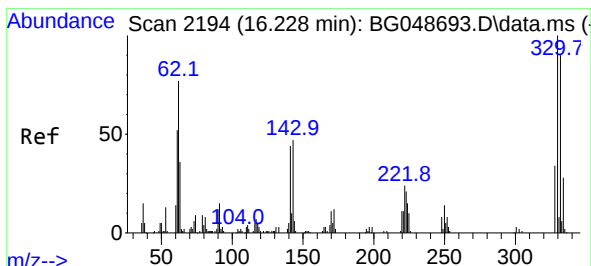
Tgt Ion: 237 Resp: 77249  
Ion Ratio Lower Upper  
237 100  
235 68.9 36.6 76.6  
272 11.4 0.0 32.5



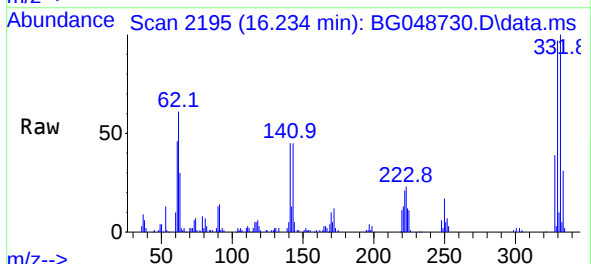
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

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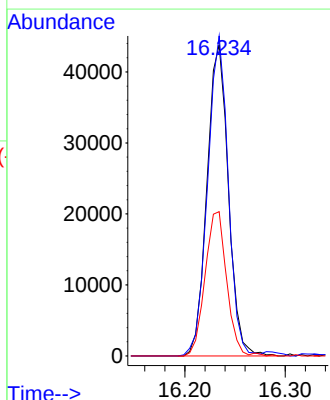
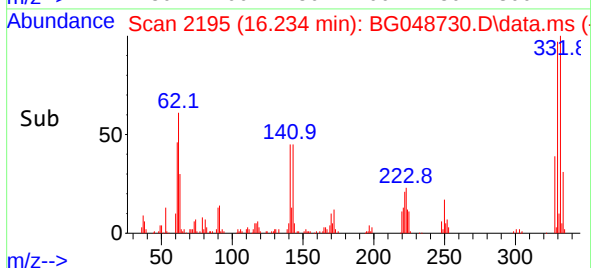
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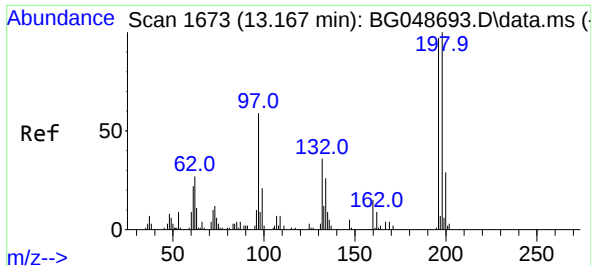


#42  
2,4,6-Tribromophenol  
Concen: 90.91 ng  
RT: 16.234 min Scan# 2195  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

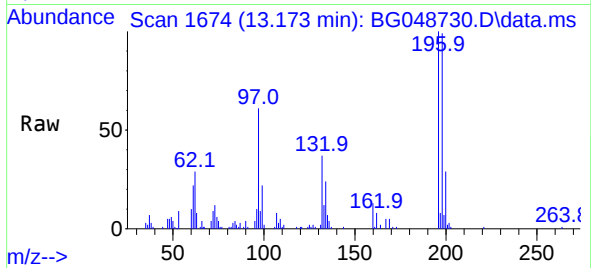


Tgt Ion: 330 Resp: 65109  
Ion Ratio Lower Upper  
330 100  
332 98.9 77.3 115.9  
141 46.9 35.6 53.4

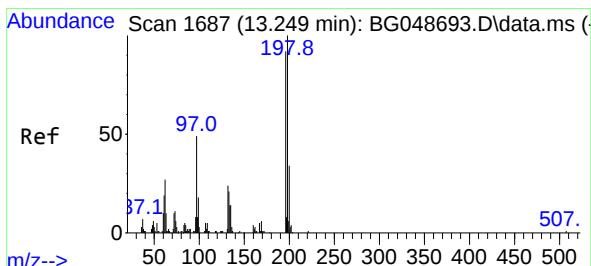
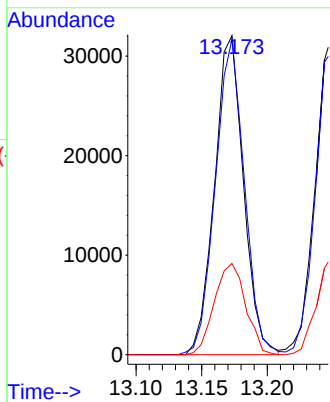
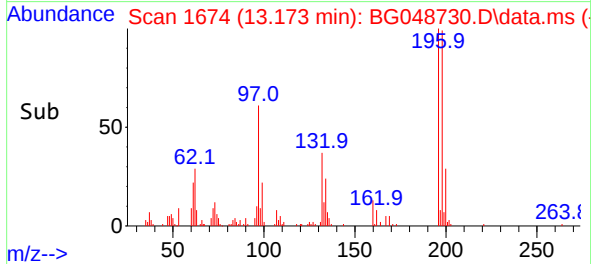




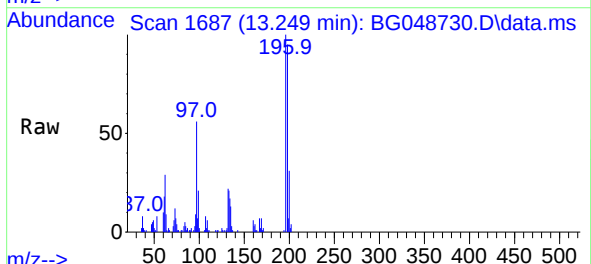
#43  
2,4,6-Trichlorophenol  
Concen: 42.34 ng  
RT: 13.173 min Scan# 1674  
Delta R.T. 0.005 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



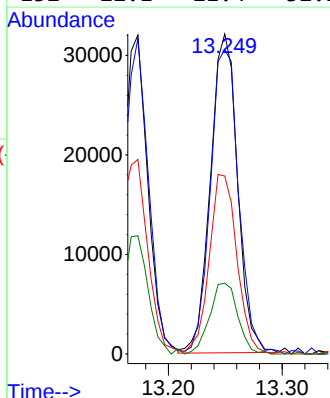
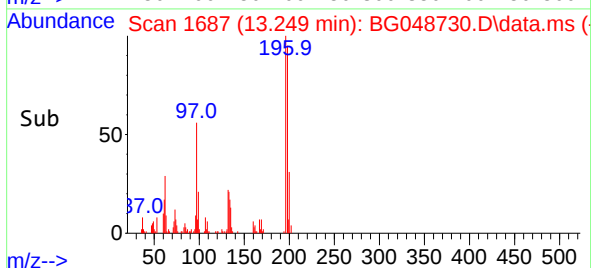
Tgt Ion:196 Resp: 49128  
Ion Ratio Lower Upper  
196 100  
198 98.8 82.1 123.1  
200 28.6 23.8 35.8



#44  
2,4,5-Trichlorophenol  
Concen: 42.99 ng  
RT: 13.249 min Scan# 1687  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



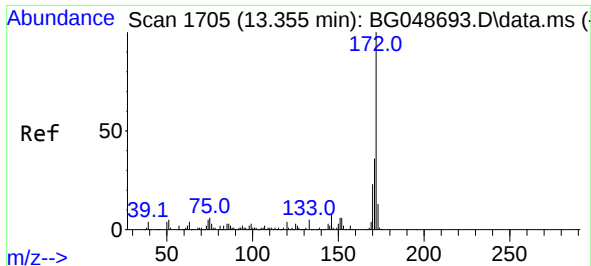
Tgt Ion:196 Resp: 52974  
Ion Ratio Lower Upper  
196 100  
198 95.1 87.4 131.0  
97 55.6 43.3 64.9  
132 22.1 21.4 32.2



Instrument :  
BNA\_G  
ClientSampled :  
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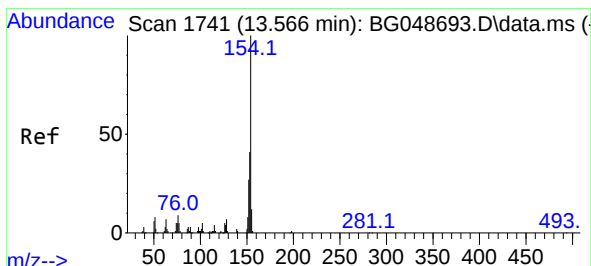
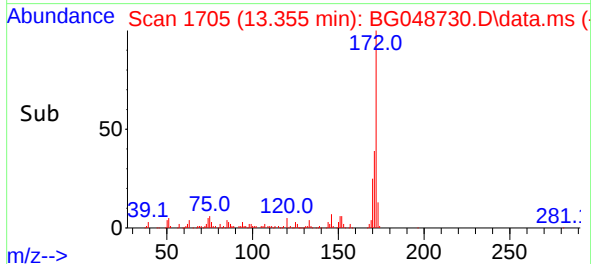
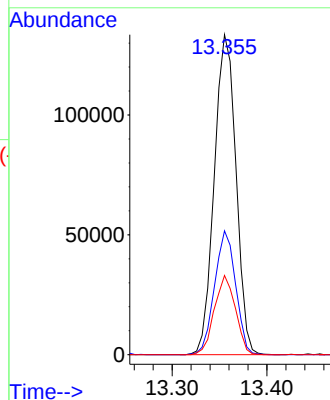
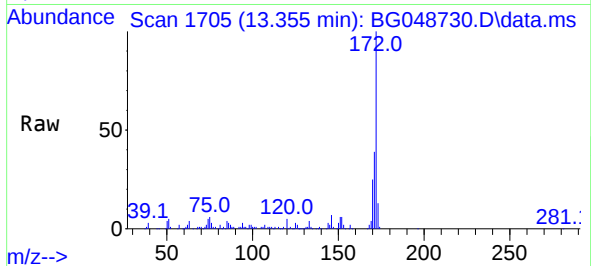
#45  
2-Fluorobiphenyl  
Concen: 57.45 ng  
RT: 13.355 min Scan# 1705  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 212471 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 38.7  | 28.6  | 43.0   |
| 170       | 24.7  | 18.6  | 27.8   |

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

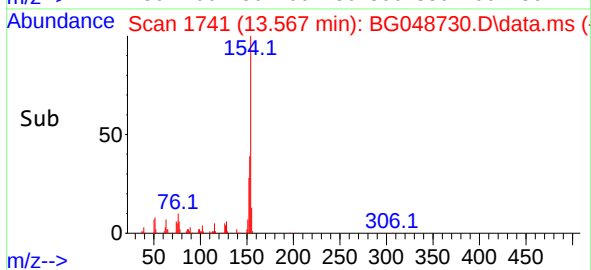
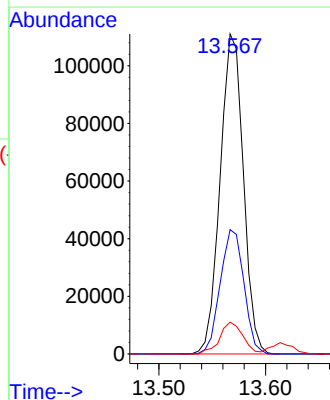
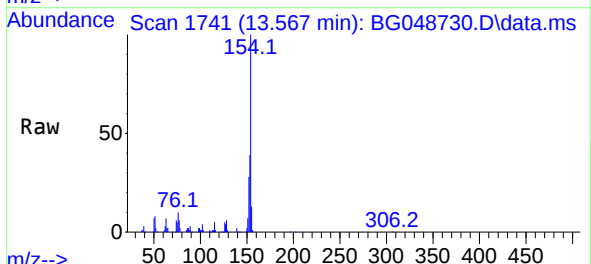
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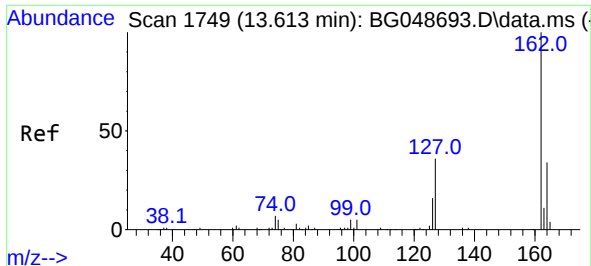
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#46  
1,1'-Biphenyl  
Concen: 42.51 ng  
RT: 13.567 min Scan# 1741  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

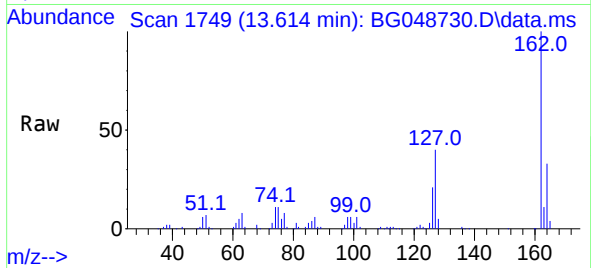
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 167702 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 38.9  | 20.5  | 60.5   |
| 76        | 9.9   | 0.0   | 29.3   |





#47  
2-Chloronaphthalene  
Concen: 42.91 ng  
RT: 13.614 min Scan# 1749  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

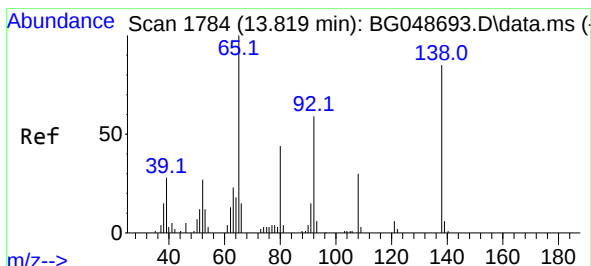
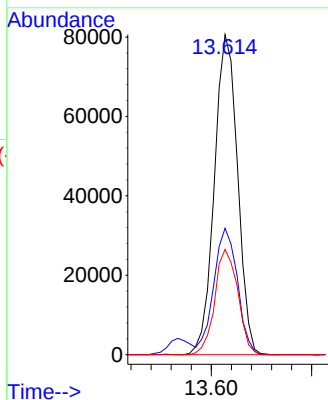
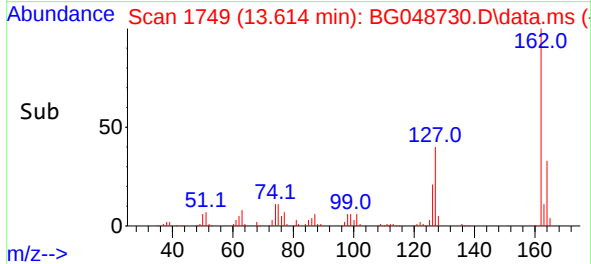
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS



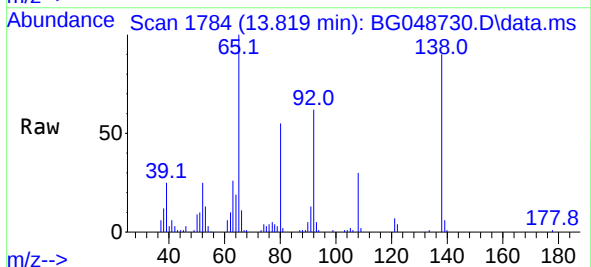
Tgt Ion:162 Resp: 129337  
Ion Ratio Lower Upper  
162 100  
127 39.5 32.7 49.1  
164 32.9 27.0 40.4

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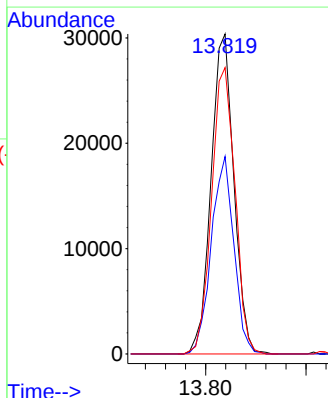
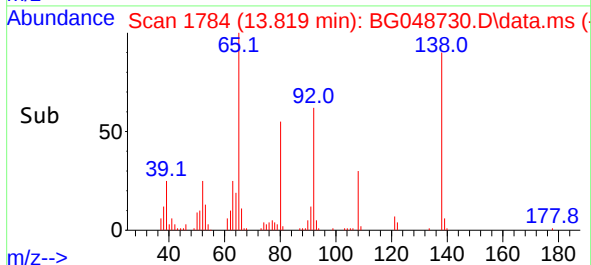
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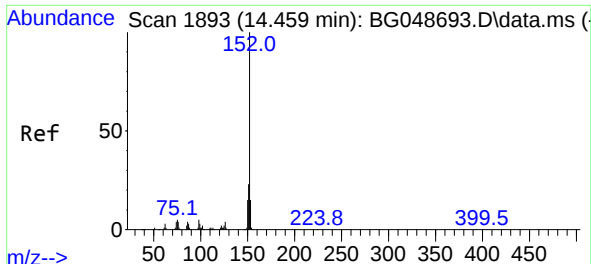


#48  
2-Nitroaniline  
Concen: 44.18 ng  
RT: 13.819 min Scan# 1784  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

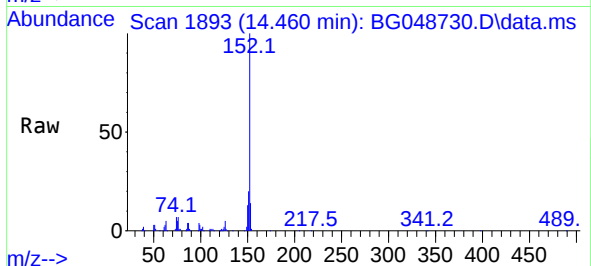


Tgt Ion: 65 Resp: 47846  
Ion Ratio Lower Upper  
65 100  
92 61.7 47.2 70.8  
138 89.5 68.0 102.0

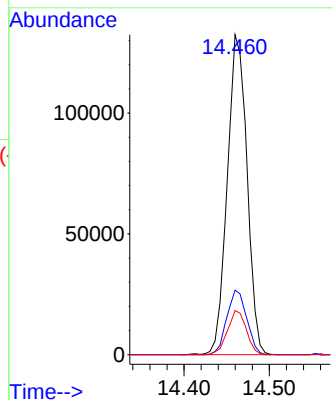
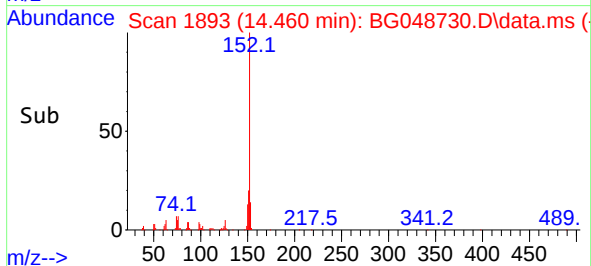




#49  
Acenaphthylene  
Concen: 45.29 ng  
RT: 14.460 min Scan# 1893  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



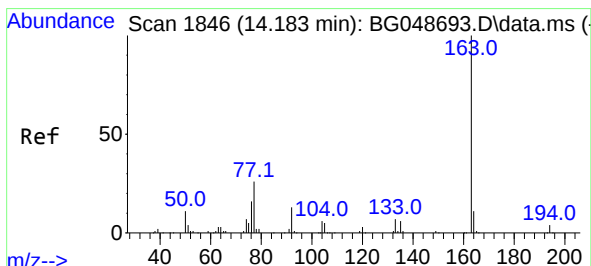
Tgt Ion:152 Resp: 212933  
Ion Ratio Lower Upper  
152 100  
151 20.1 18.2 27.4  
153 13.8 11.7 17.5



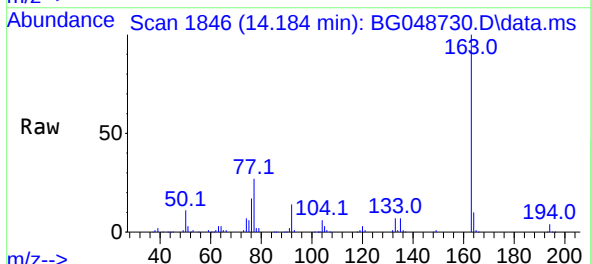
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

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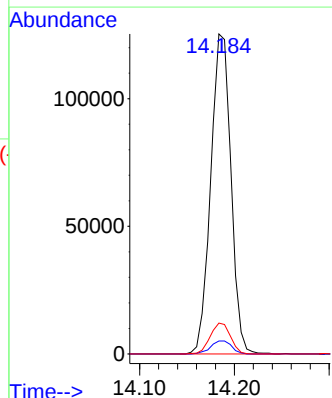
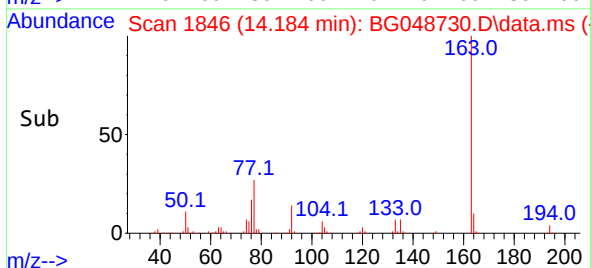
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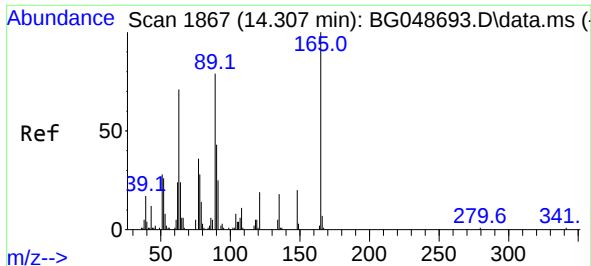


#50  
Dimethylphthalate  
Concen: 46.24 ng  
RT: 14.184 min Scan# 1846  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



Tgt Ion:163 Resp: 185261  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.0 4.6  
164 9.7 8.6 12.8





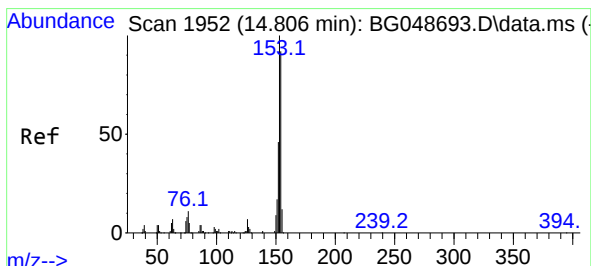
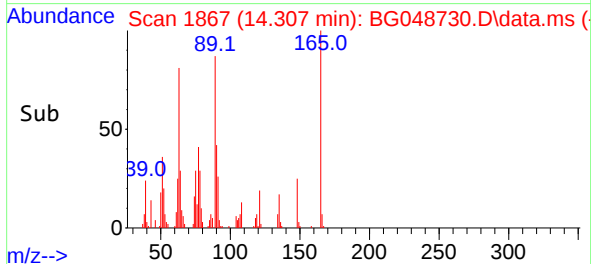
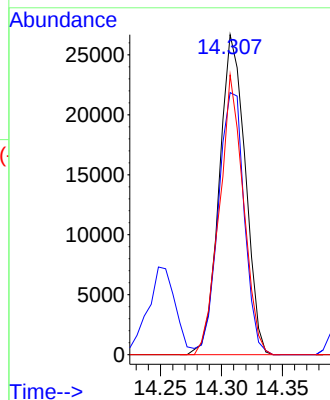
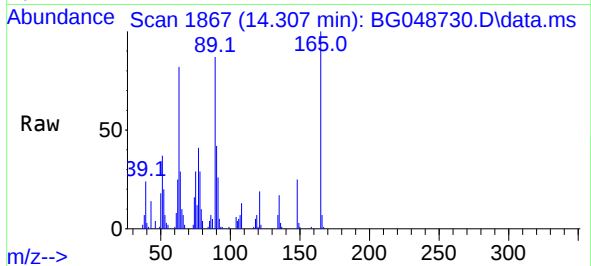
#51  
2,6-Dinitrotoluene  
Concen: 42.77 ng  
RT: 14.307 min Scan# 1867  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion:165 Resp: 39534  
Ion Ratio Lower Upper  
165 100  
63 81.9 63.3 94.9  
89 87.4 63.4 95.0

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

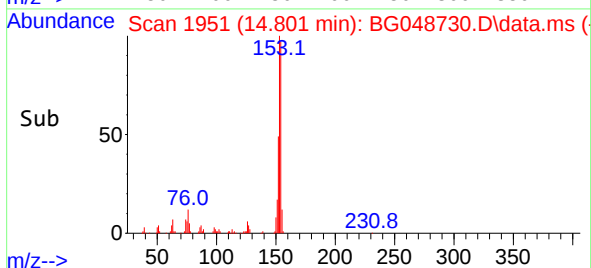
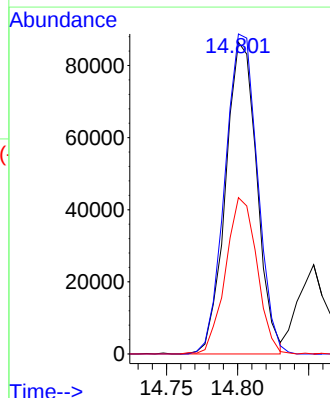
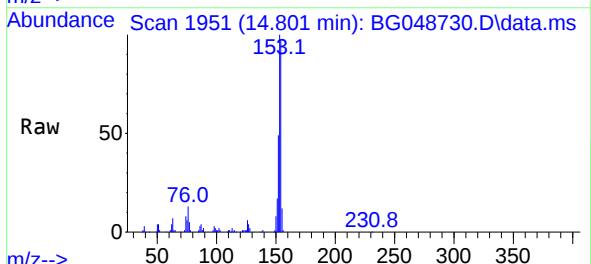
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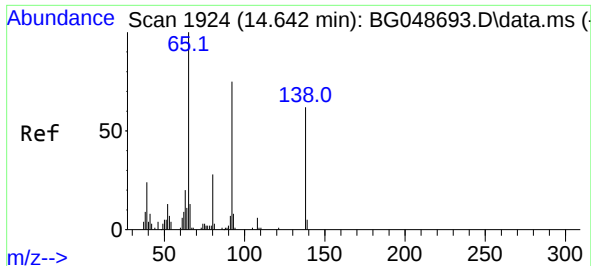
mohammad  
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#52  
Acenaphthene  
Concen: 44.46 ng  
RT: 14.801 min Scan# 1951  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion:154 Resp: 132755  
Ion Ratio Lower Upper  
154 100  
153 102.7 87.0 130.4  
152 50.1 40.1 60.1





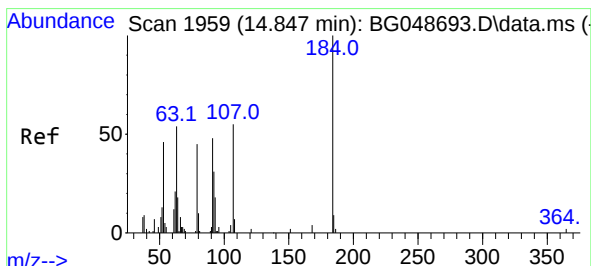
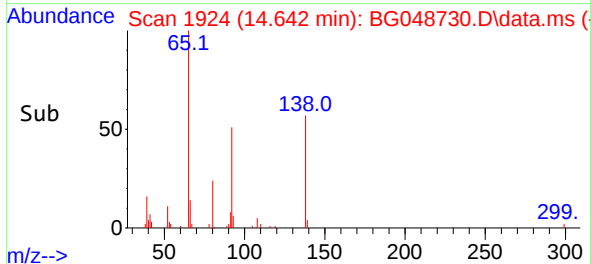
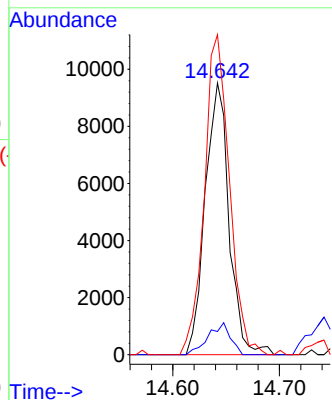
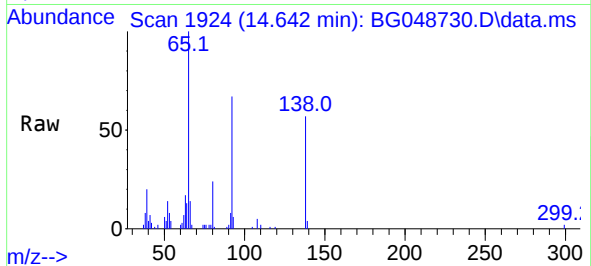
#53  
3-Nitroaniline  
Concen: 16.65 ng  
RT: 14.642 min Scan# 1924  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion:138 Resp: 14774  
Ion Ratio Lower Upper  
138 100  
108 8.5 8.3 12.5  
92 117.8 96.4 144.6

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

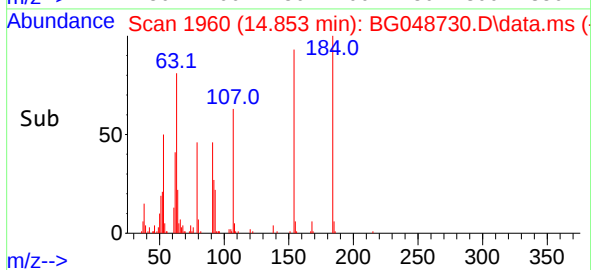
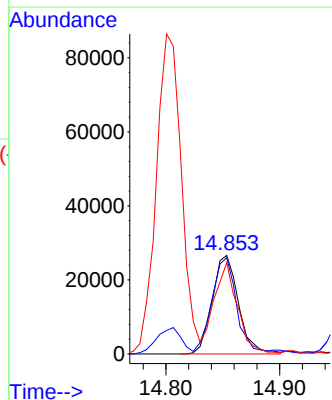
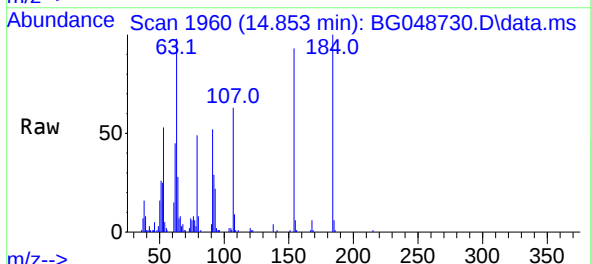
Manual Integrations  
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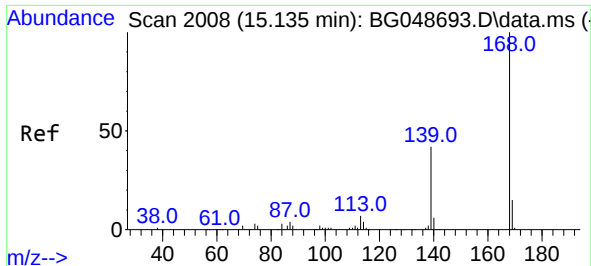
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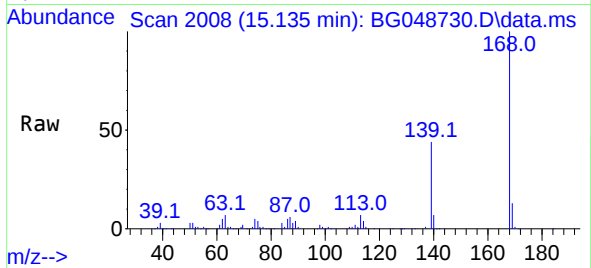
#54  
2,4-Dinitrophenol  
Concen: 77.03 ng  
RT: 14.853 min Scan# 1960  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion:184 Resp: 42622  
Ion Ratio Lower Upper  
184 100  
63 97.7 68.3 102.5  
154 93.0 62.6 93.8

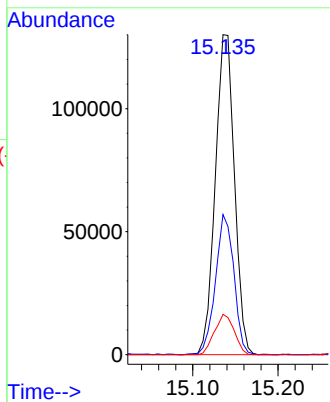
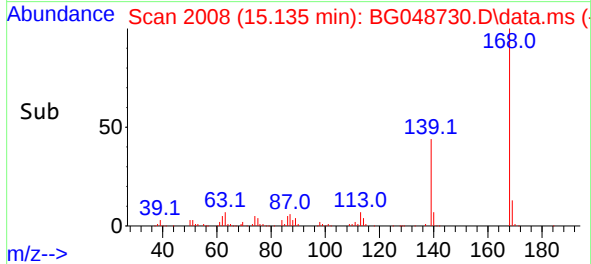




#55  
Dibenzenofuran  
Concen: 41.18 ng  
RT: 15.135 min Scan# 2008  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



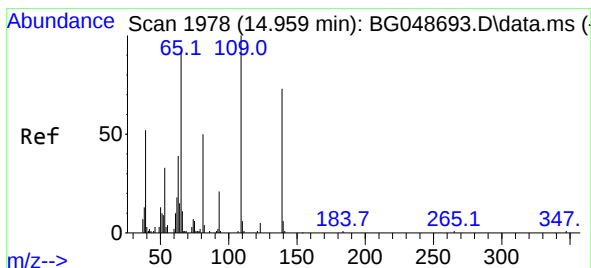
Tgt Ion:168 Resp: 203536  
Ion Ratio Lower Upper  
168 100  
139 43.8 33.4 50.2  
169 12.6 12.3 18.5



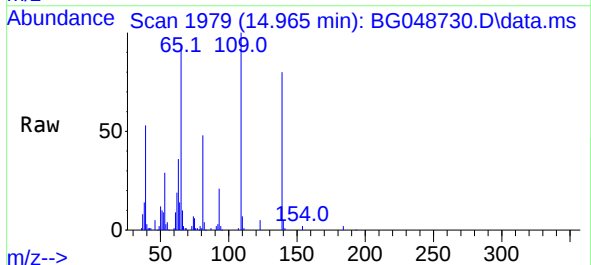
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

Manual Integrations  
APPROVED

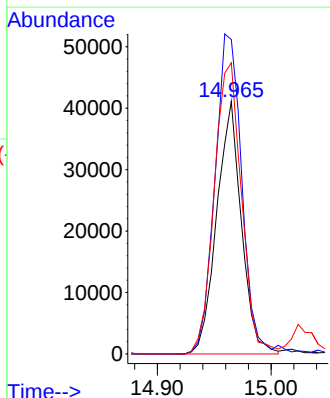
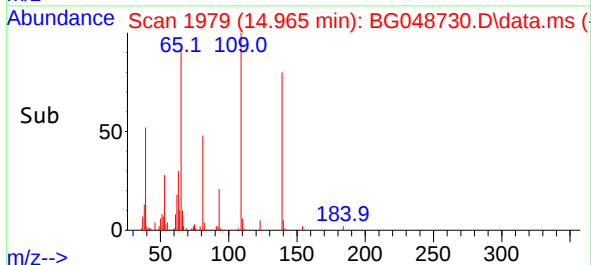
mohammad  
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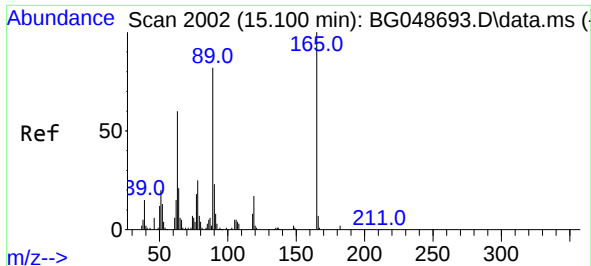


#56  
4-Nitrophenol  
Concen: 94.42 ng  
RT: 14.965 min Scan# 1979  
Delta R.T. 0.005 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



Tgt Ion:139 Resp: 62073  
Ion Ratio Lower Upper  
139 100  
109 124.5 116.3 156.3  
65 115.3 105.0 145.0





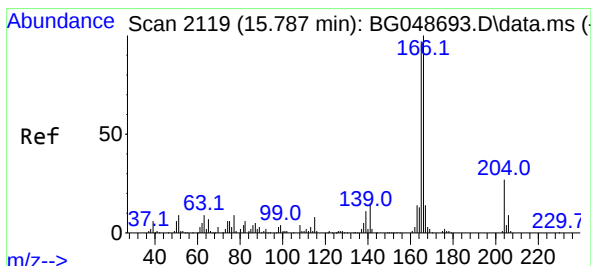
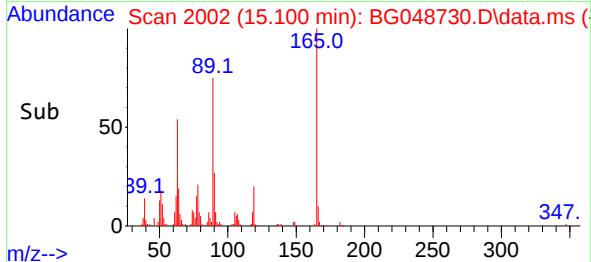
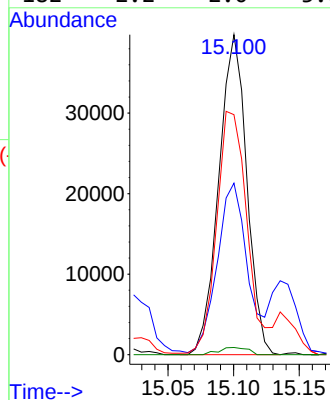
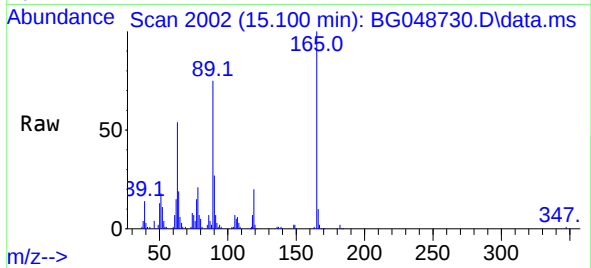
#57  
2,4-Dinitrotoluene  
Concen: 43.87 ng  
RT: 15.100 min Scan# 2002  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 58894 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 53.6  | 48.0  | 72.0  |
| 89        | 75.0  | 65.4  | 98.0  |
| 182       | 2.2   | 2.0   | 3.0   |

Instrument :  
BNA\_G  
ClientSampleId :  
S-2AMS

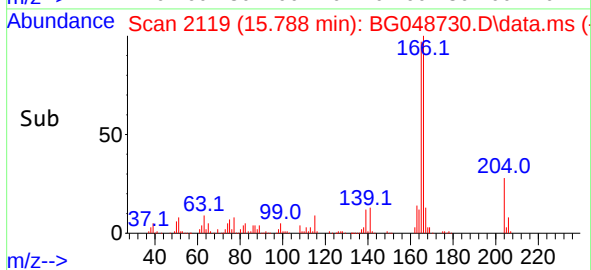
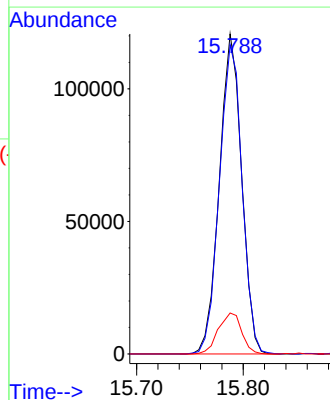
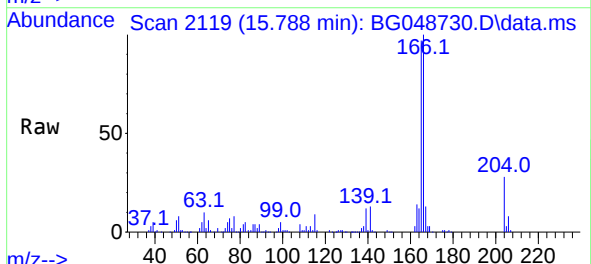
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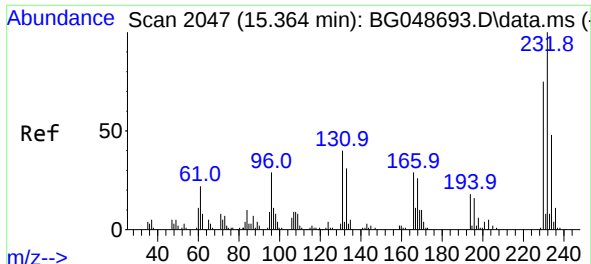
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#58  
Fluorene  
Concen: 43.08 ng  
RT: 15.788 min Scan# 2119  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 174887 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 96.7  | 77.7  | 116.5  |
| 167       | 12.8  | 10.8  | 16.2   |





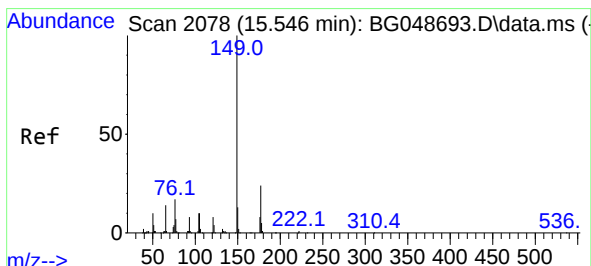
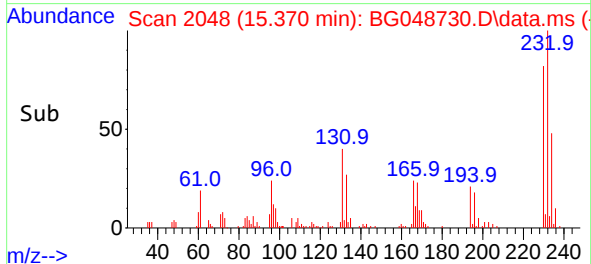
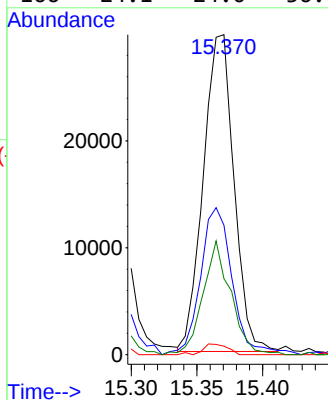
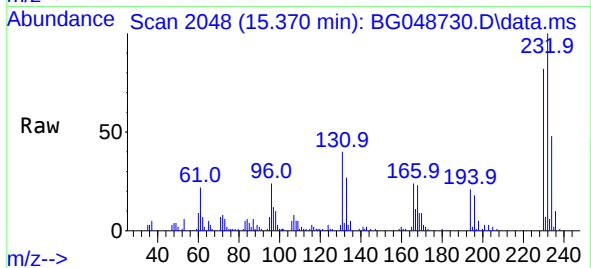
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.24 ng m  
RT: 15.370 min Scan# 2048  
Delta R.T. 0.005 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 48151 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 41.2  | 37.2  | 55.8  |
| 130       | 3.7   | 2.8   | 4.2   |
| 166       | 24.1  | 24.0  | 36.0  |

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

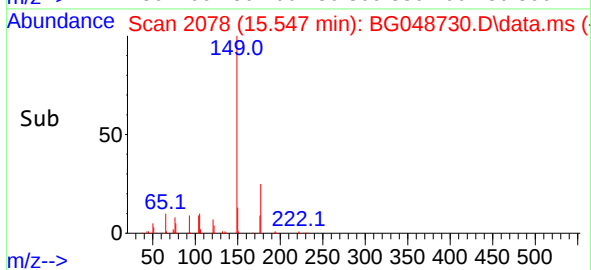
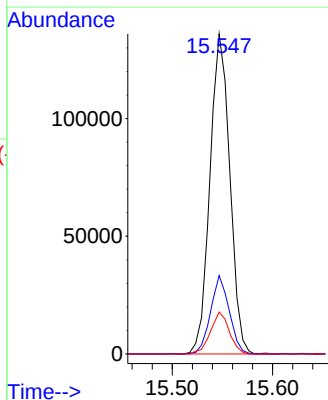
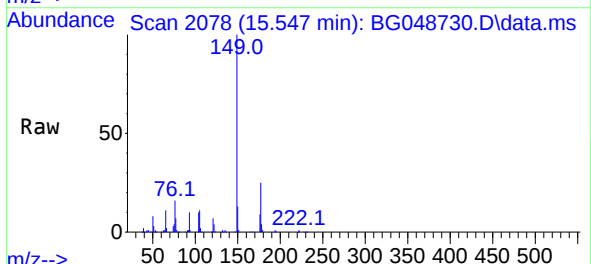
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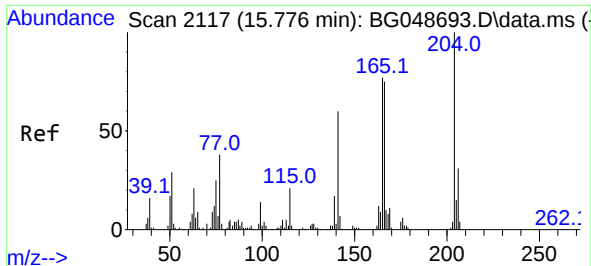
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#60  
Diethylphthalate  
Concen: 45.15 ng  
RT: 15.547 min Scan# 2078  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

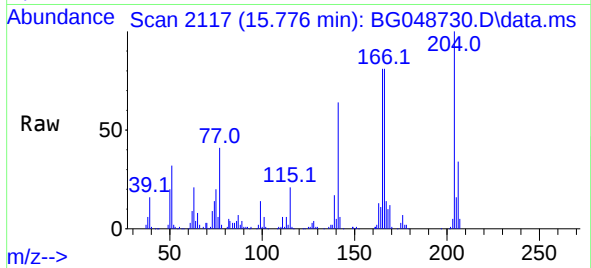
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 187128 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 24.5  | 19.0  | 28.6   |
| 150       | 13.1  | 10.2  | 15.4   |





#61  
4-Chlorophenyl-phenylether  
Concen: 42.51 ng  
RT: 15.776 min Scan# 2117  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

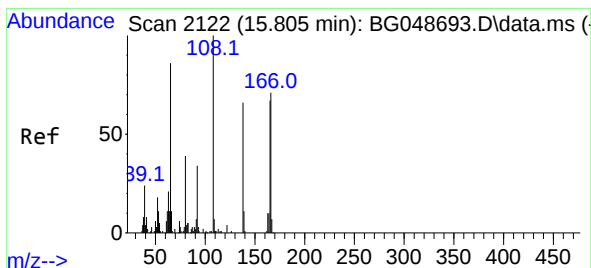
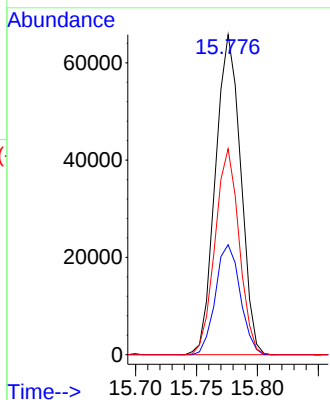
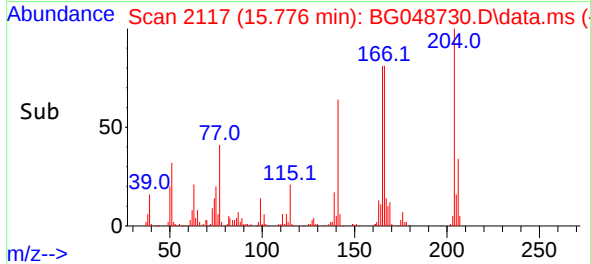
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS



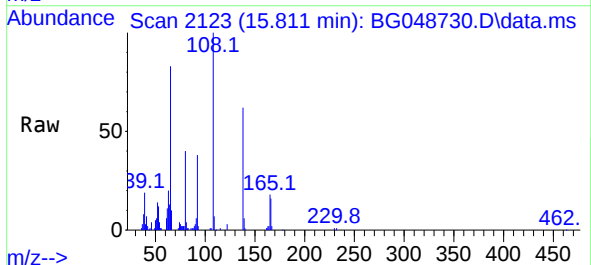
Tgt Ion:204 Resp: 94897  
Ion Ratio Lower Upper  
204 100  
206 34.3 24.6 37.0  
141 64.4 47.8 71.8

Manual Integrations  
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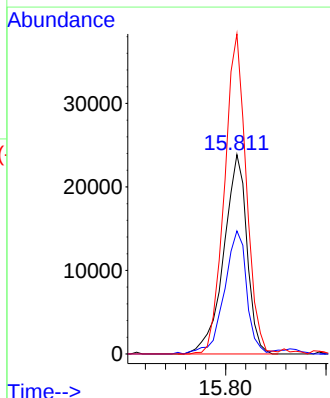
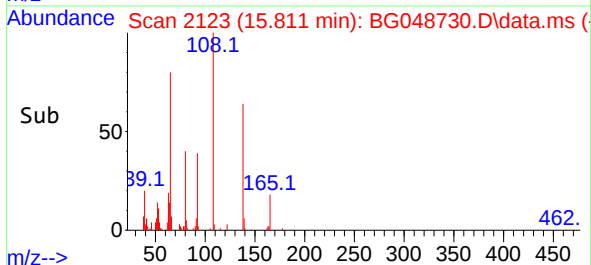
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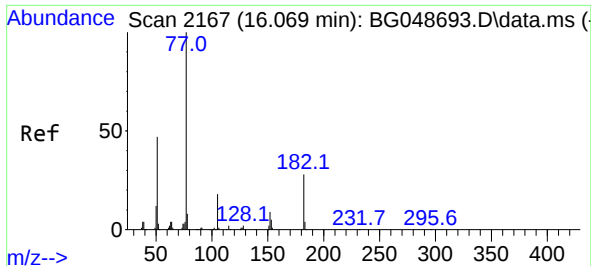


#62  
4-Nitroaniline  
Concen: 40.41 ng  
RT: 15.811 min Scan# 2123  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

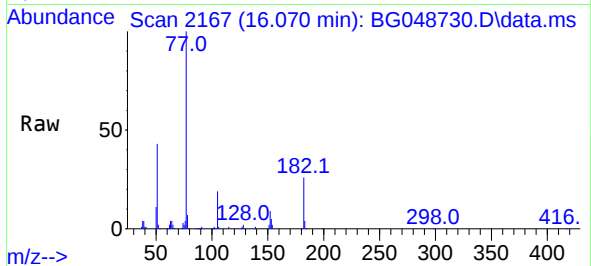


Tgt Ion:138 Resp: 38338  
Ion Ratio Lower Upper  
138 100  
92 61.8 32.3 72.3  
108 160.5 132.4 172.4

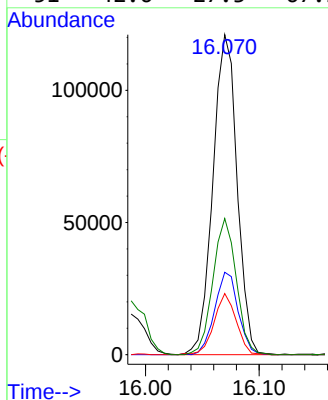
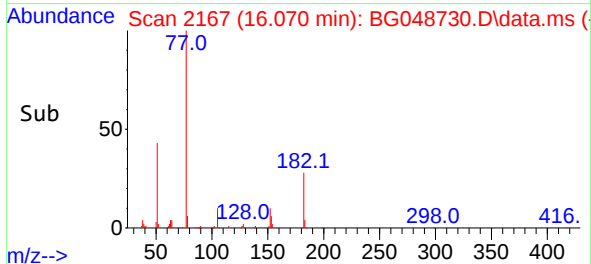




#63  
Azobenzene  
Concen: 42.89 ng  
RT: 16.070 min Scan# 2167  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



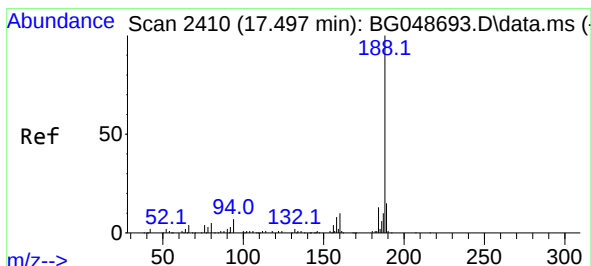
Tgt Ion: 77 Resp: 179031  
Ion Ratio Lower Upper  
77 100  
182 25.8 7.9 47.9  
105 19.1 0.0 37.9  
51 42.6 27.3 67.3



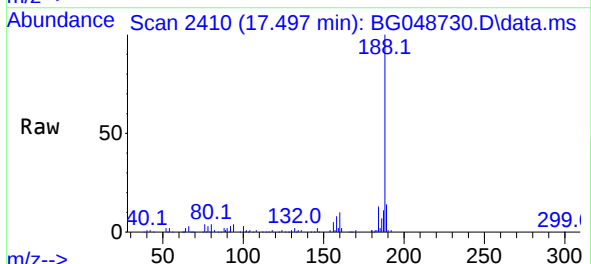
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

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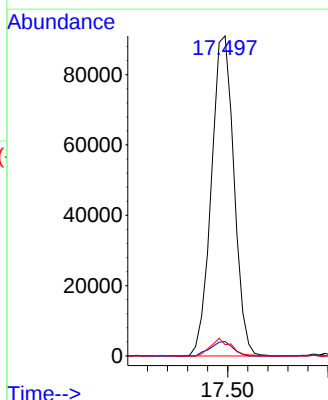
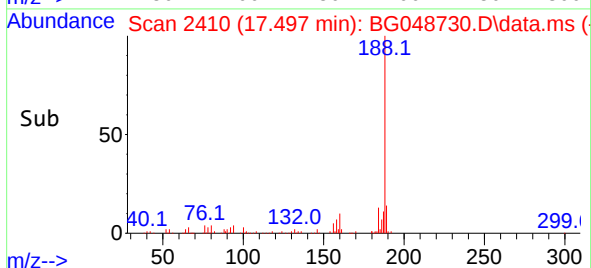
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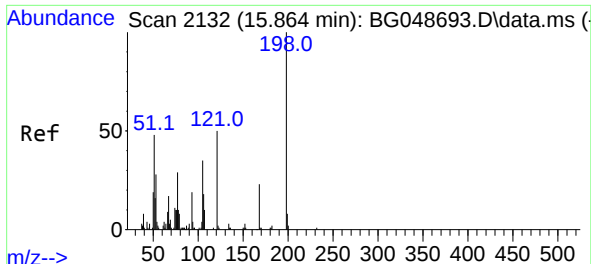


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.497 min Scan# 2410  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



Tgt Ion:188 Resp: 142350  
Ion Ratio Lower Upper  
188 100  
94 4.5 5.4 8.0#  
80 3.6 3.7 5.5#





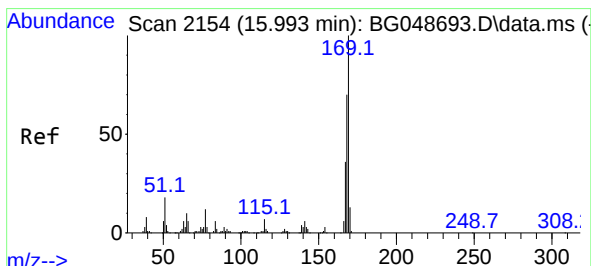
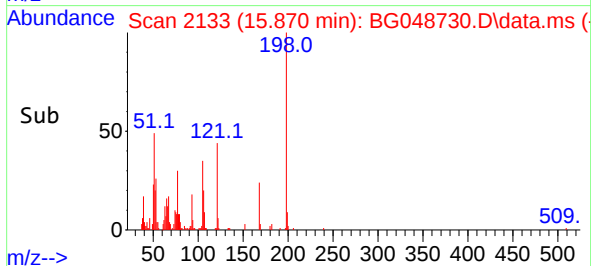
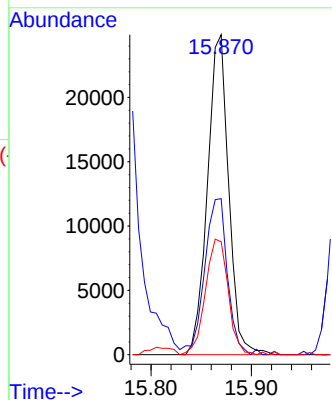
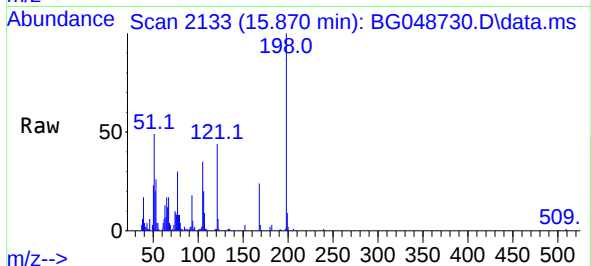
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.29 ng  
RT: 15.870 min Scan# 2133  
Delta R.T. 0.005 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 48.8  | 29.4  | 69.4  |
| 105     | 35.3  | 15.1  | 55.1  |

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

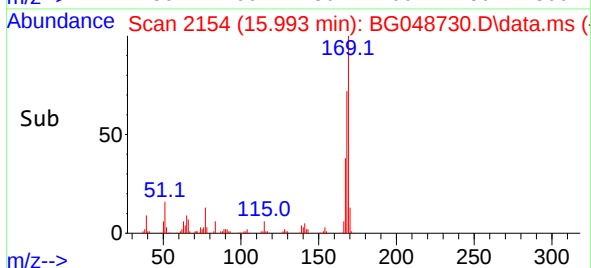
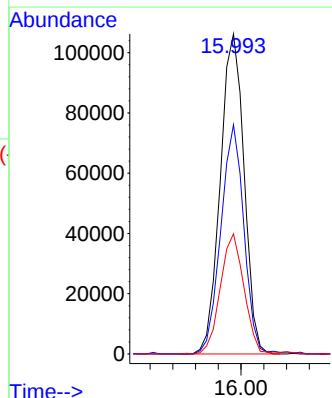
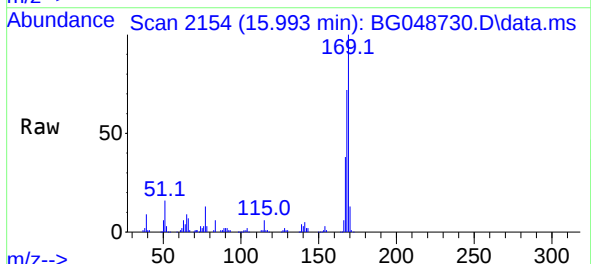
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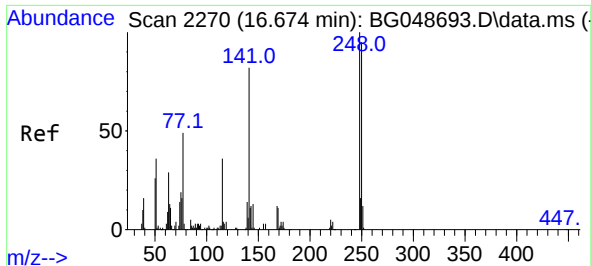
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#66  
n-Nitrosodiphenylamine  
Concen: 38.31 ng  
RT: 15.993 min Scan# 2154  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.6  | 56.3  | 84.5  |
| 167     | 37.6  | 28.4  | 42.6  |





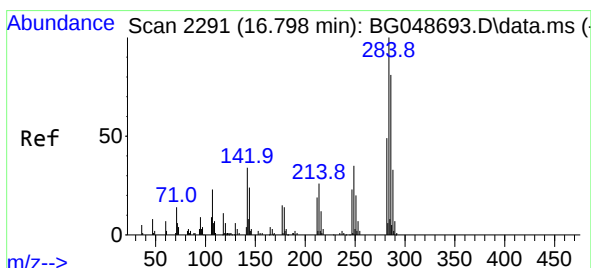
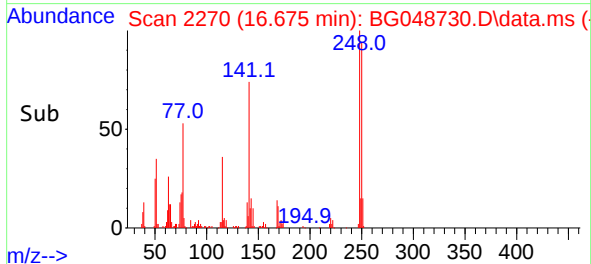
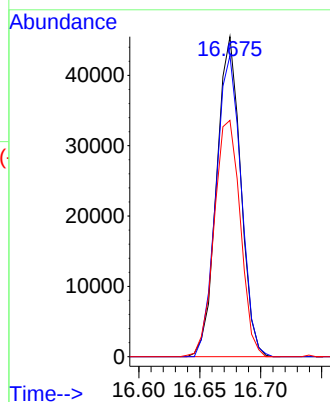
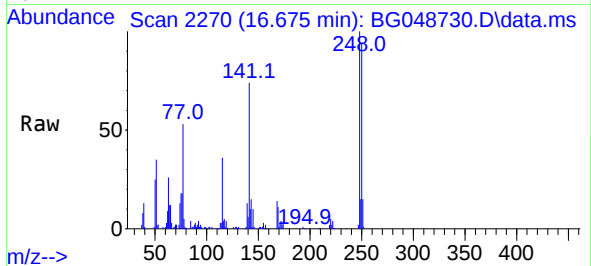
#67  
4-Bromophenyl-phenylether  
Concen: 38.07 ng  
RT: 16.675 min Scan# 2270  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.1  | 76.1  | 114.1 |
| 141     | 73.9  | 65.4  | 98.2  |

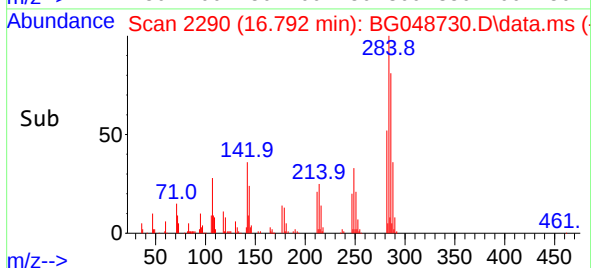
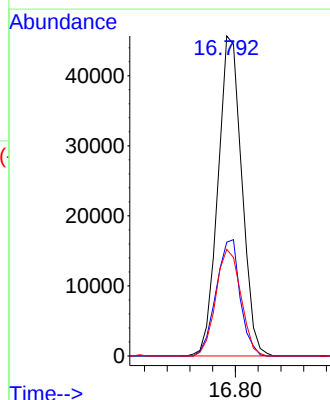
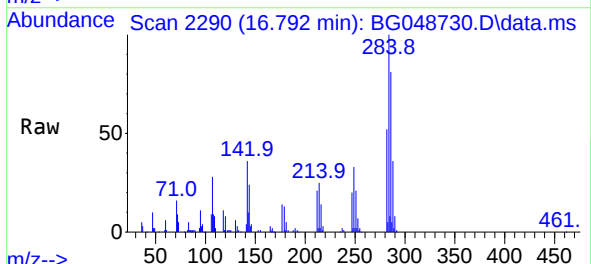
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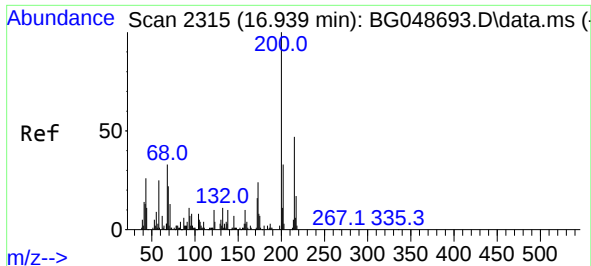
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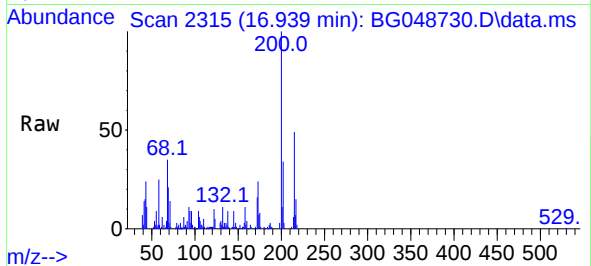
#68  
Hexachlorobenzene  
Concen: 40.05 ng  
RT: 16.792 min Scan# 2290  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.5  | 27.0  | 40.6  |
| 249     | 33.3  | 28.2  | 42.2  |

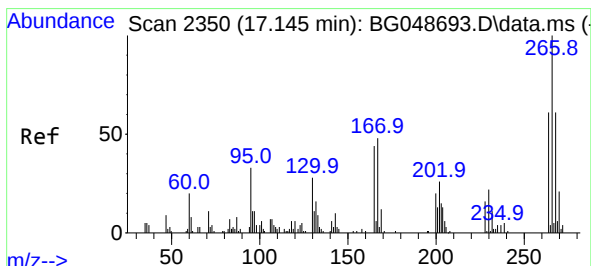
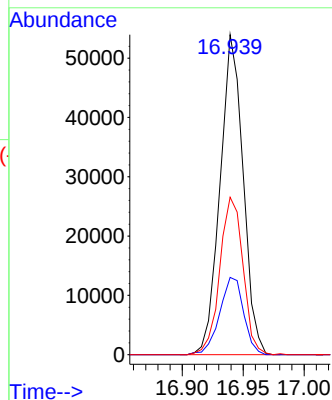
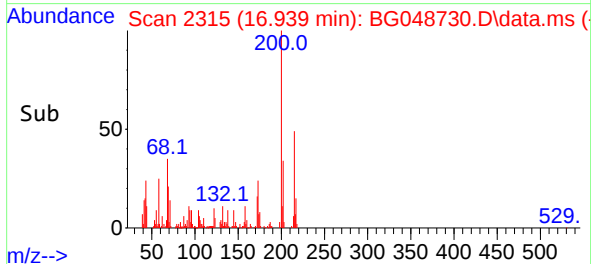




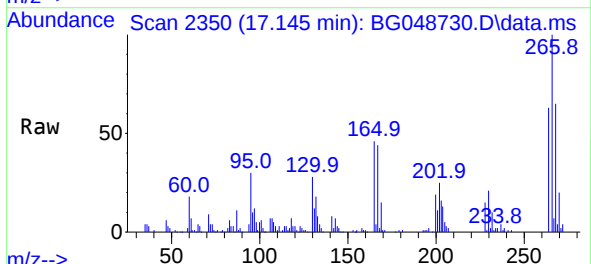
#69  
Atrazine  
Concen: 42.47 ng  
RT: 16.939 min Scan# 2315  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



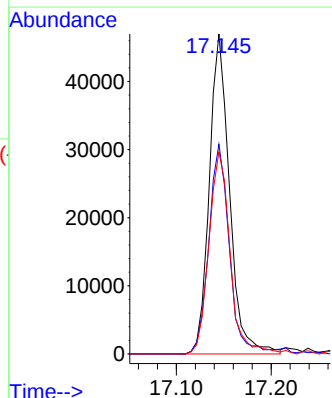
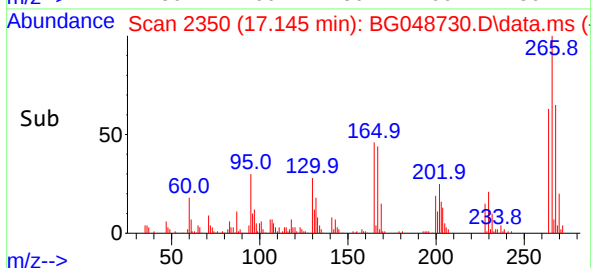
Tgt Ion:200 Resp: 71052  
Ion Ratio Lower Upper  
200 100  
173 24.2 3.7 43.7  
215 49.2 26.9 66.9



#70  
Pentachlorophenol  
Concen: 78.54 ng  
RT: 17.145 min Scan# 2350  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



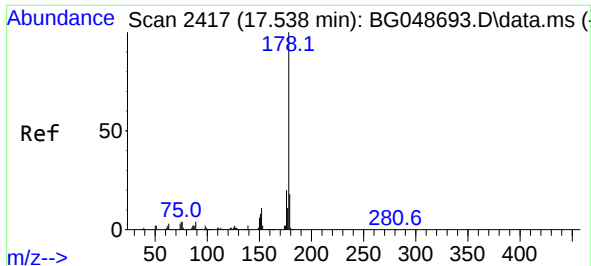
Tgt Ion:266 Resp: 69458  
Ion Ratio Lower Upper  
266 100  
268 65.5 49.0 73.4  
264 63.1 49.0 73.6



Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

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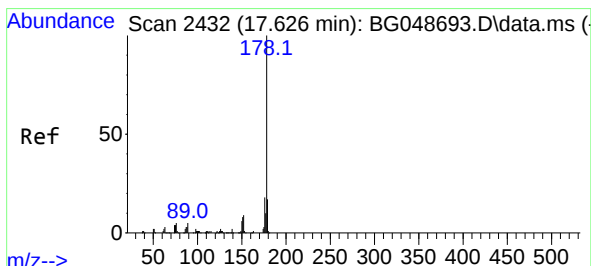
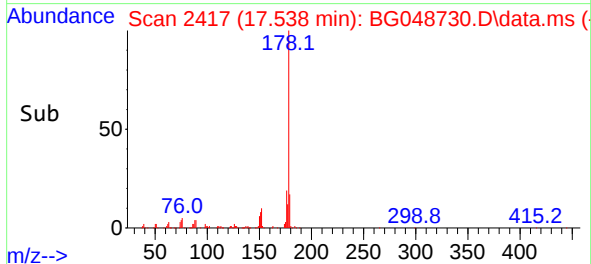
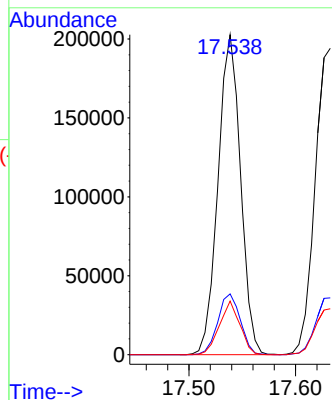
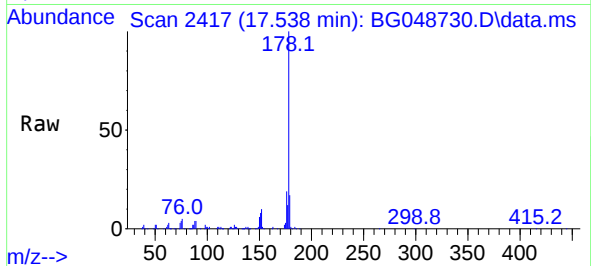
#71  
Phenanthrene  
Concen: 40.22 ng  
RT: 17.538 min Scan# 2417  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion:178 Resp: 297158  
Ion Ratio Lower Upper  
178 100  
176 19.0 16.0 24.0  
179 16.7 14.2 21.4

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

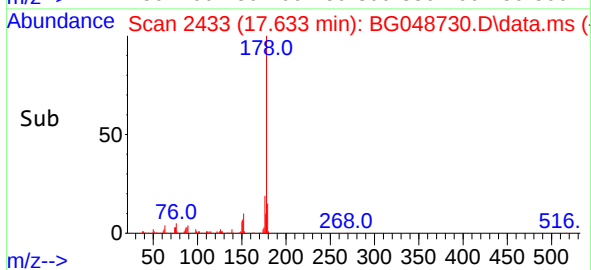
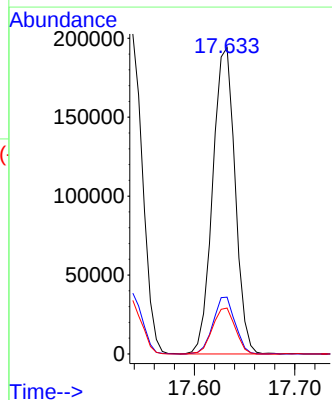
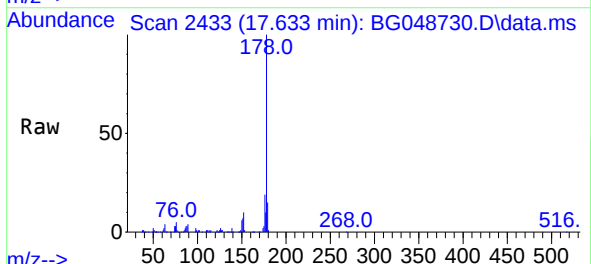
Manual Integrations  
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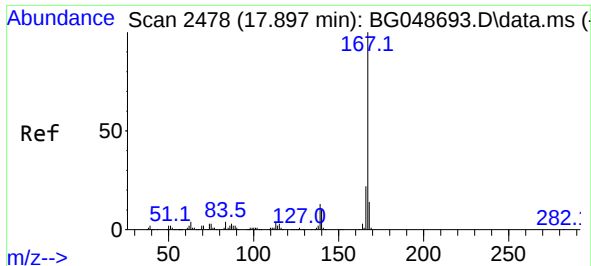
mohammad  
4/19/2021 11:44:22 AM



#72  
Anthracene  
Concen: 41.17 ng  
RT: 17.633 min Scan# 2433  
Delta R.T. 0.005 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

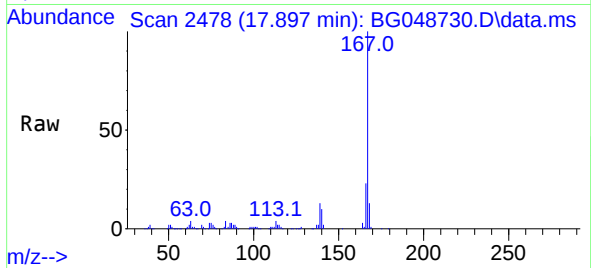
Tgt Ion:178 Resp: 300966  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.6 21.8  
179 15.0 13.4 20.0





#73  
 Carbazole  
 Concen: 38.40 ng  
 RT: 17.897 min Scan# 2478  
 Delta R.T. -0.007 min  
 Lab File: BG048730.D  
 Acq: 16 Apr 2021 18:46

Instrument :  
 BNA\_G  
 ClientSampled :  
 S-2AMS

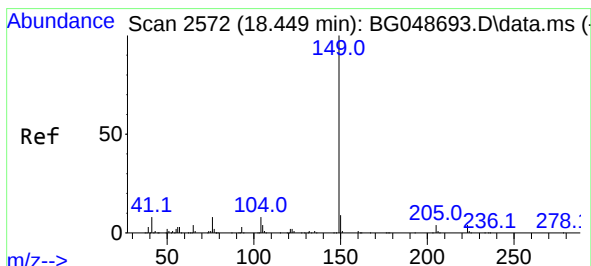
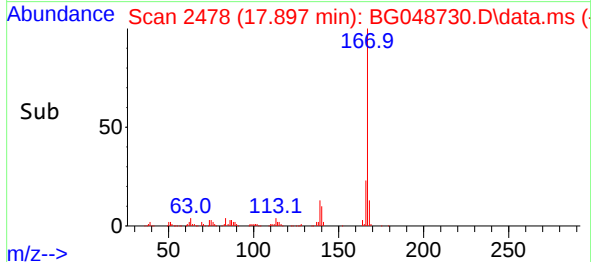
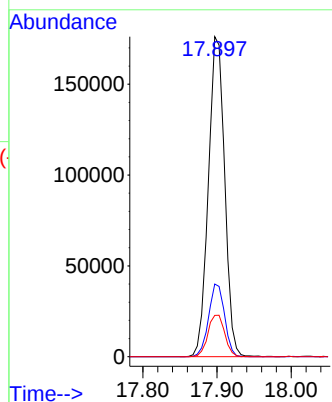


Tgt Ion:167 Resp: 268920  

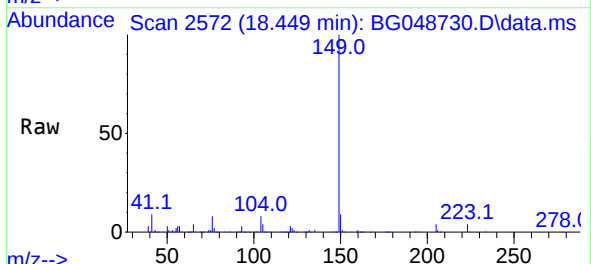
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.7  | 17.4  | 26.2  |
| 139 | 12.9  | 10.7  | 16.1  |

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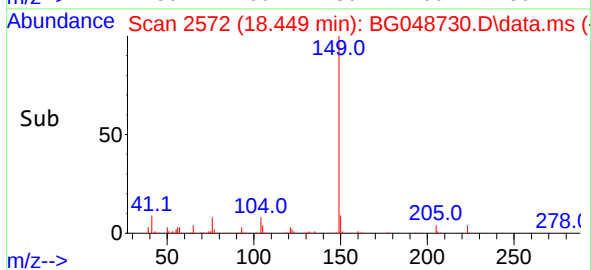
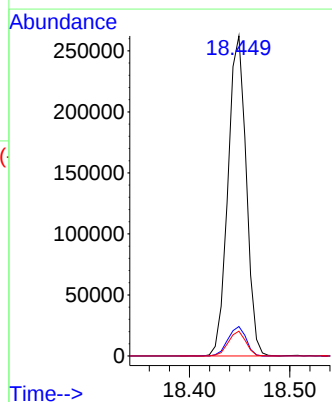


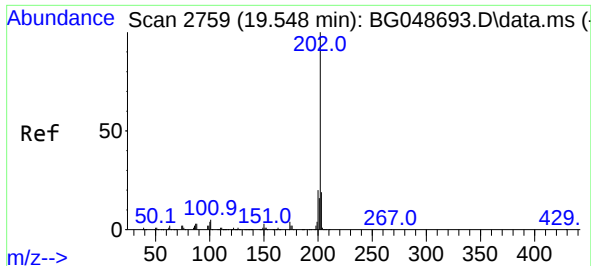
#74  
 Di-n-butylphthalate  
 Concen: 42.09 ng  
 RT: 18.449 min Scan# 2572  
 Delta R.T. -0.001 min  
 Lab File: BG048730.D  
 Acq: 16 Apr 2021 18:46



Tgt Ion:149 Resp: 330446  

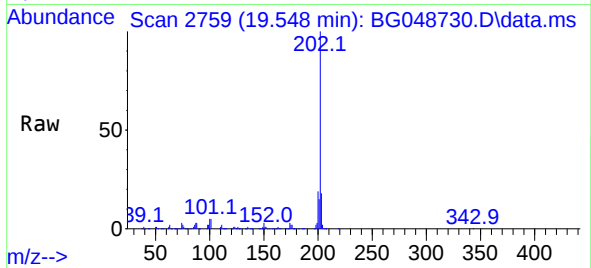
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.5   | 11.3  |
| 104 | 7.7   | 6.6   | 10.0  |





#75  
Fluoranthene  
Concen: 41.22 ng  
RT: 19.548 min Scan# 2759  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

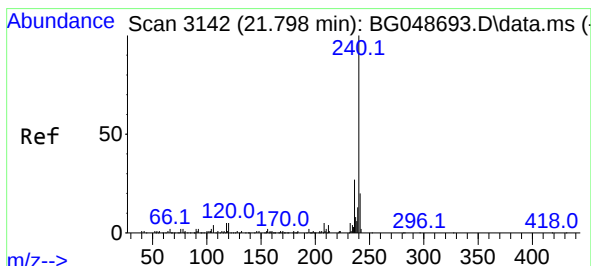
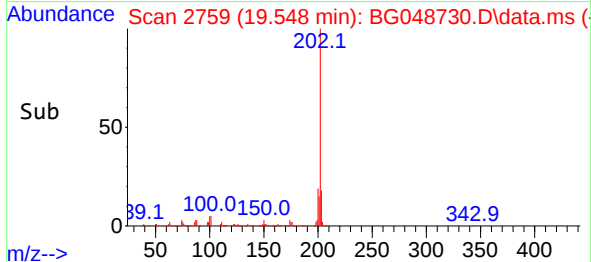
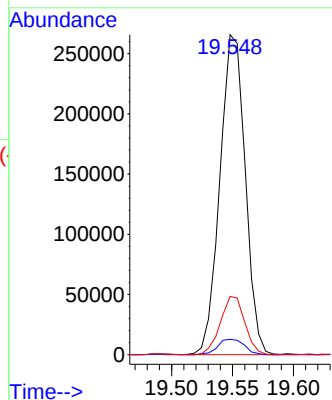
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS



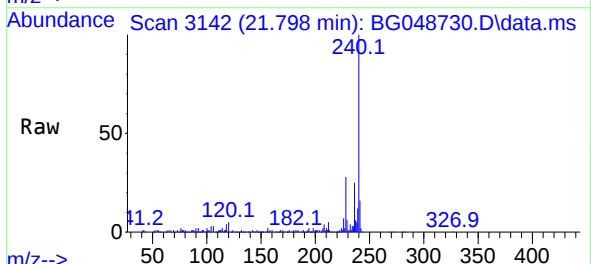
Tgt Ion:202 Resp: 385138  
Ion Ratio Lower Upper  
202 100  
101 4.8 0.0 24.7  
203 18.2 0.0 38.5

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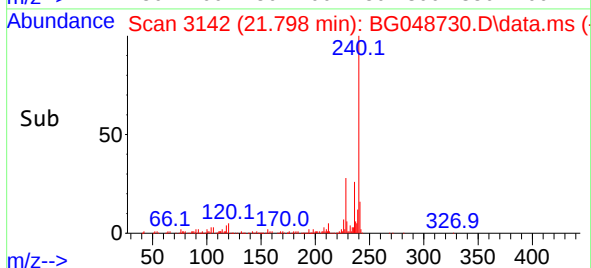
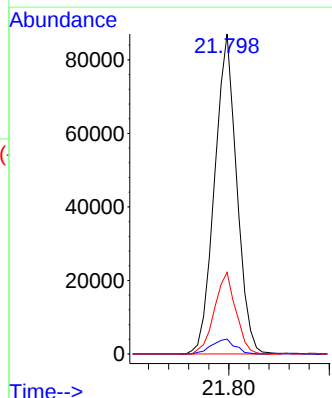
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4/19/2021 11:44:22 AM

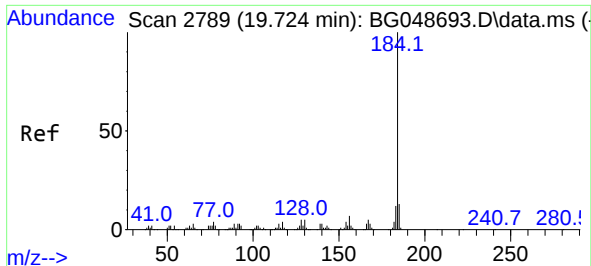


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.798 min Scan# 3142  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



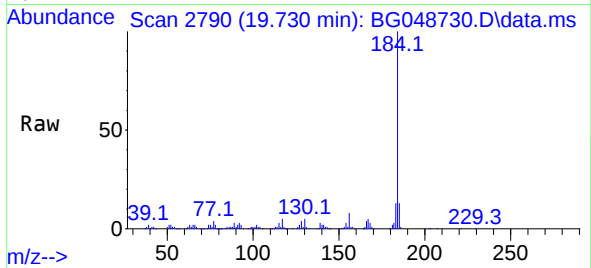
Tgt Ion:240 Resp: 133081  
Ion Ratio Lower Upper  
240 100  
120 4.6 4.2 6.2  
236 25.5 21.8 32.6





#77  
Benzidine  
Concen: 60.82 ng  
RT: 19.730 min Scan# 2790  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

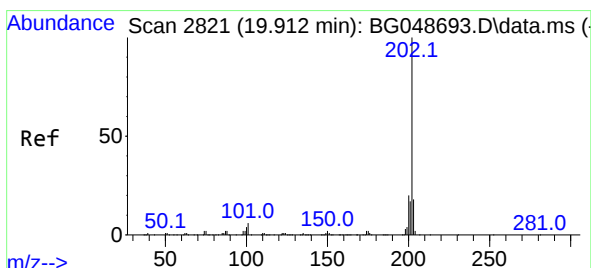
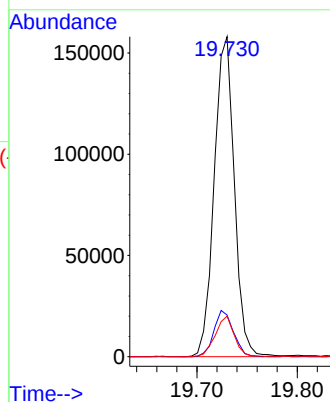
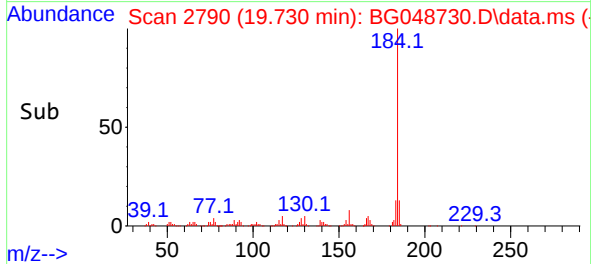
Instrument :  
BNA\_G  
ClientSampleId :  
S-2AMS



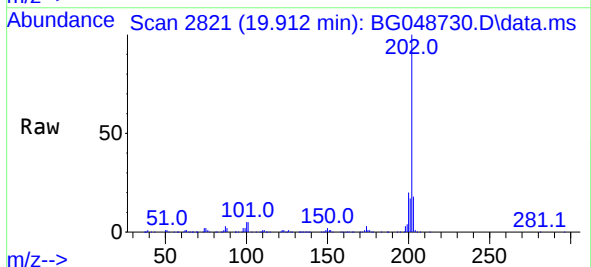
Tgt Ion:184 Resp: 219792  
Ion Ratio Lower Upper  
184 100  
185 13.0 10.7 16.1  
183 12.6 9.4 14.0

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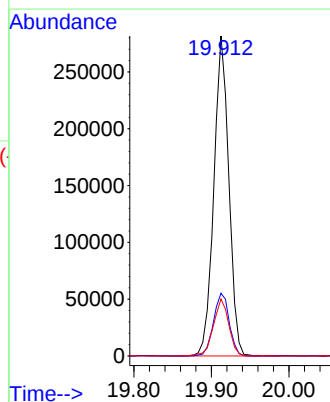
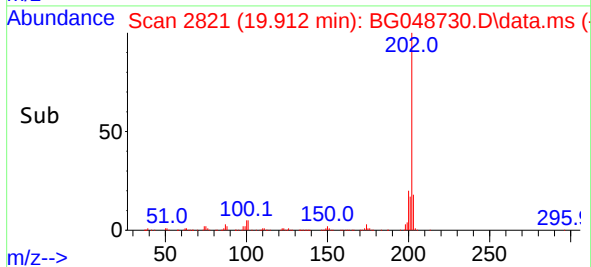
mohammad  
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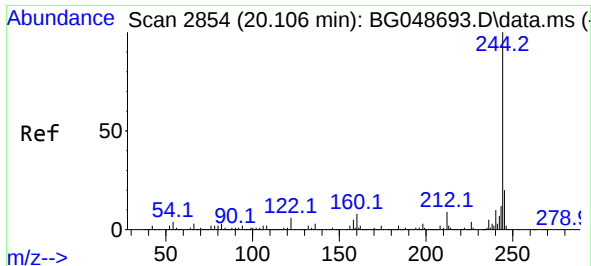


#78  
Pyrene  
Concen: 41.05 ng  
RT: 19.912 min Scan# 2821  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



Tgt Ion:202 Resp: 377982  
Ion Ratio Lower Upper  
202 100  
200 19.6 15.8 23.8  
203 17.8 14.6 21.8





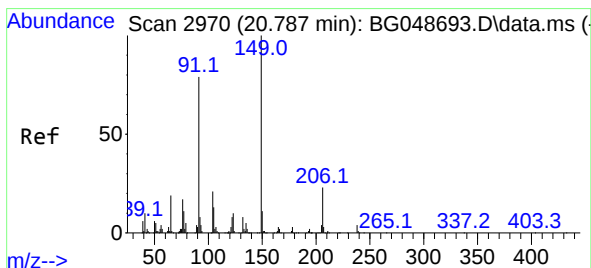
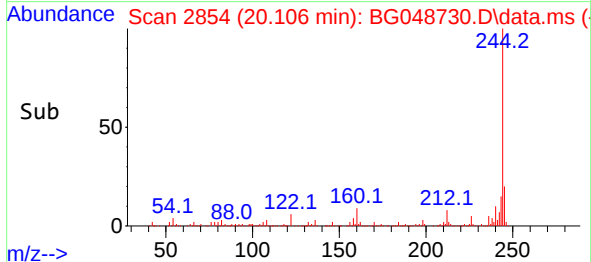
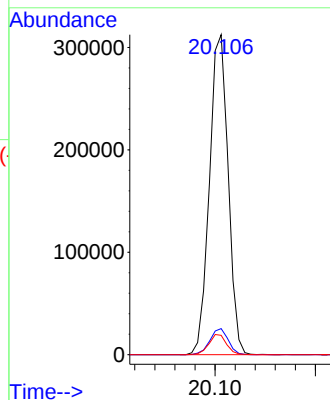
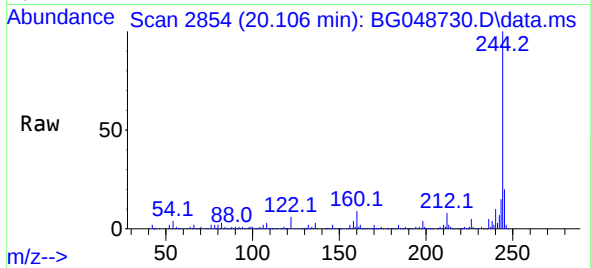
#79  
Terphenyl-d14  
Concen: 52.41 ng  
RT: 20.106 min Scan# 2854  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion:244 Resp: 405279  
Ion Ratio Lower Upper  
244 100  
212 8.2 6.9 10.3  
122 6.1 5.0 7.6

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

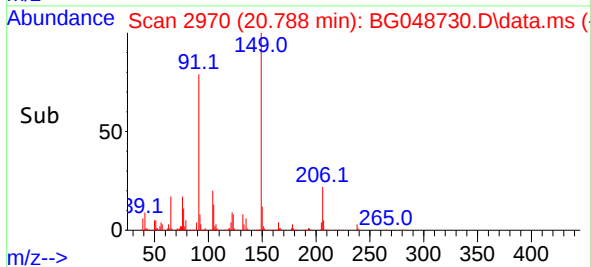
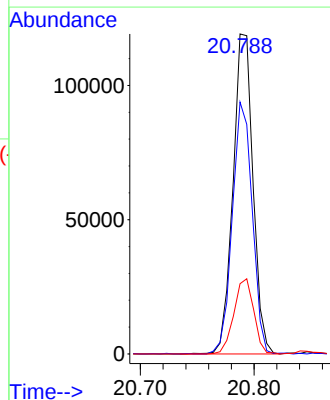
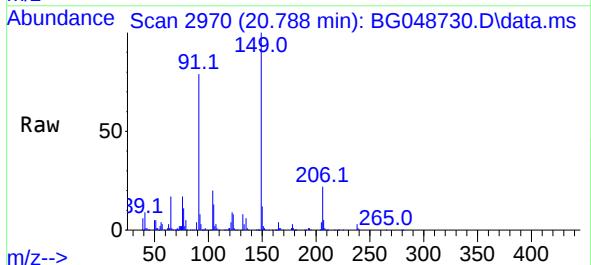
Manual Integrations  
APPROVED

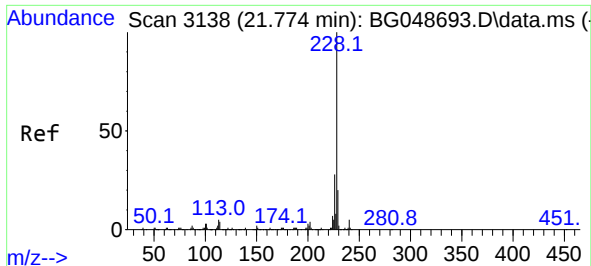
mohammad  
4/19/2021 11:44:22 AM



#80  
Butylbenzylphthalate  
Concen: 40.39 ng  
RT: 20.788 min Scan# 2970  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

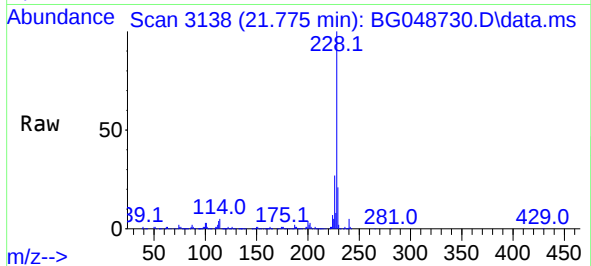
Tgt Ion:149 Resp: 145423  
Ion Ratio Lower Upper  
149 100  
91 78.7 63.4 95.2  
206 21.9 18.4 27.6





#81  
Benzo(a)anthracene  
Concen: 40.48 ng  
RT: 21.775 min Scan# 3138  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

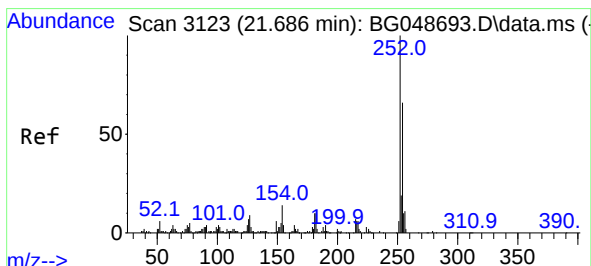
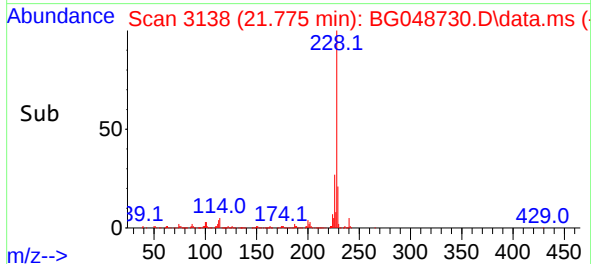
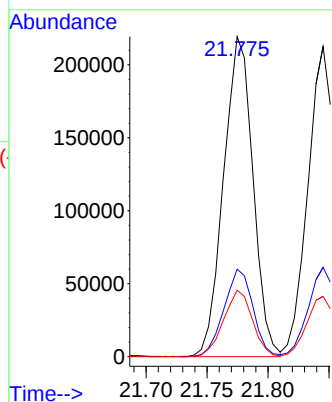
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS



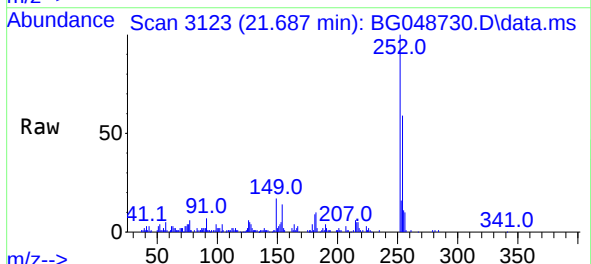
Tgt Ion:228 Resp: 368146  
Ion Ratio Lower Upper  
228 100  
226 27.4 22.7 34.1  
229 20.7 16.0 24.0

Manual Integrations  
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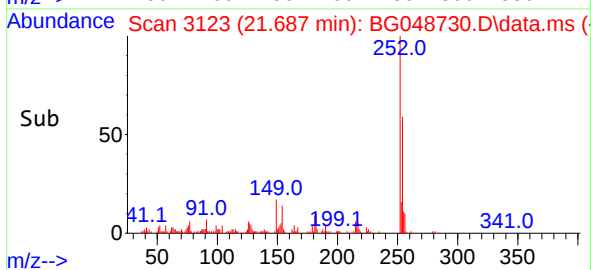
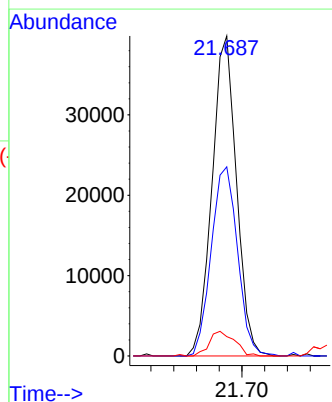
mohammad  
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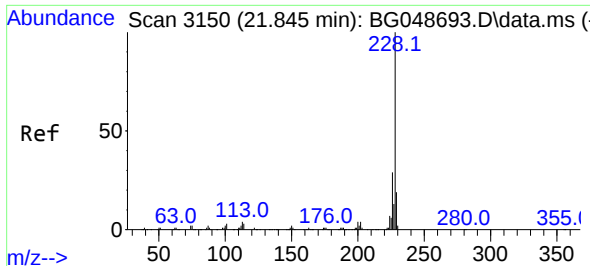


#82  
3,3'-Dichlorobenzidine  
Concen: 19.03 ng  
RT: 21.687 min Scan# 3123  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



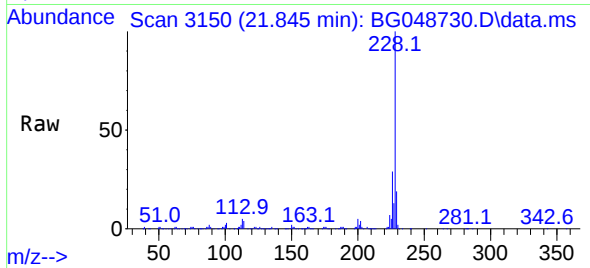
Tgt Ion:252 Resp: 59362  
Ion Ratio Lower Upper  
252 100  
254 59.1 52.4 78.6  
126 6.1 5.9 8.9





#83  
Chrysene  
Concen: 39.20 ng  
RT: 21.845 min Scan# 3150  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

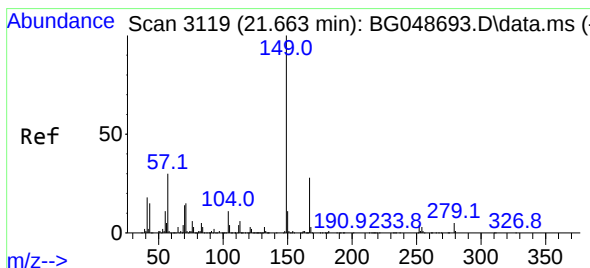
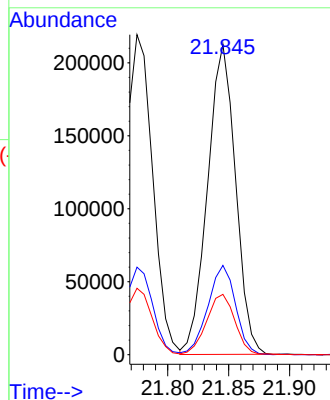
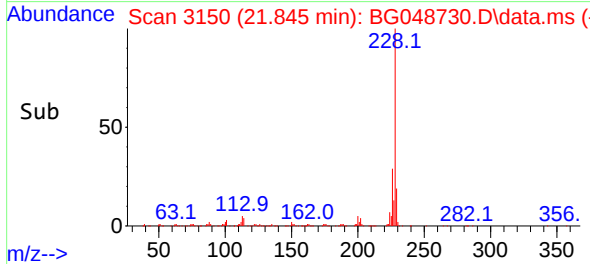
Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS



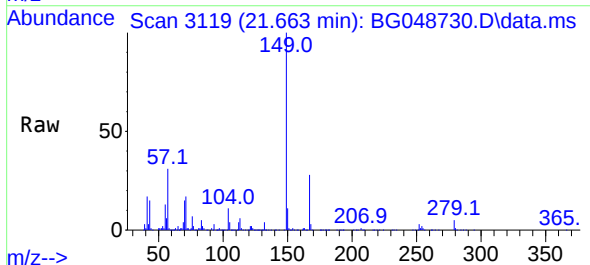
Tgt Ion:228 Resp: 339578  
Ion Ratio Lower Upper  
228 100  
226 28.8 23.1 34.7  
229 19.5 15.3 22.9

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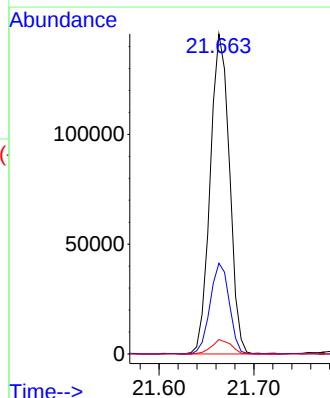
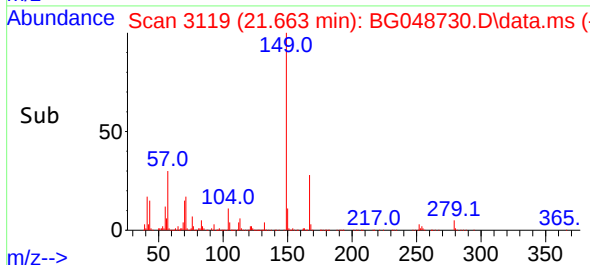
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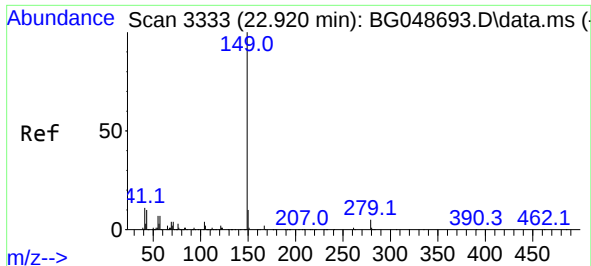


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.70 ng  
RT: 21.663 min Scan# 3119  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

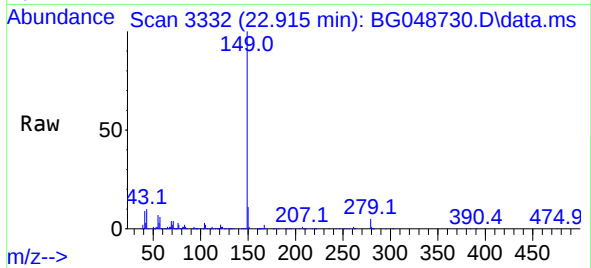


Tgt Ion:149 Resp: 205159  
Ion Ratio Lower Upper  
149 100  
167 28.3 22.3 33.5  
279 4.5 3.8 5.8

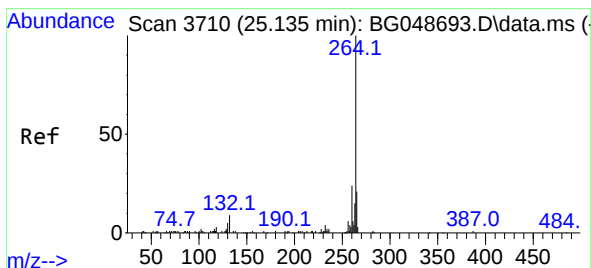
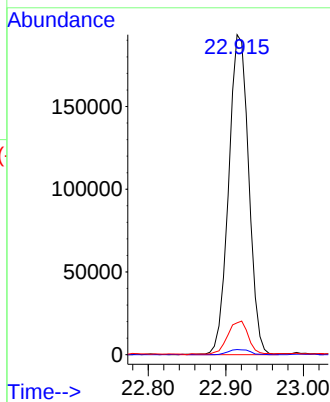
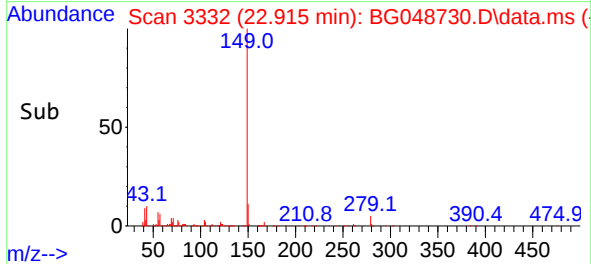




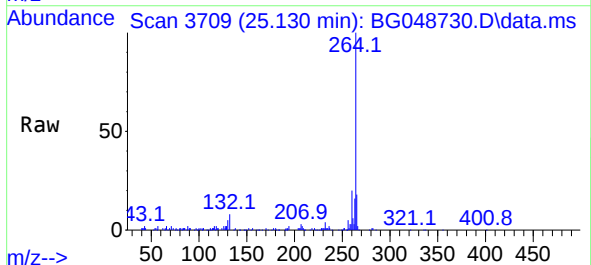
#85  
Di-n-octyl phthalate  
Concen: 40.59 ng  
RT: 22.915 min Scan# 3332  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



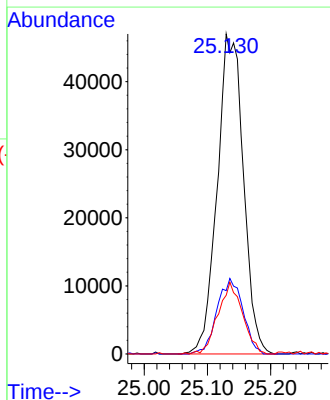
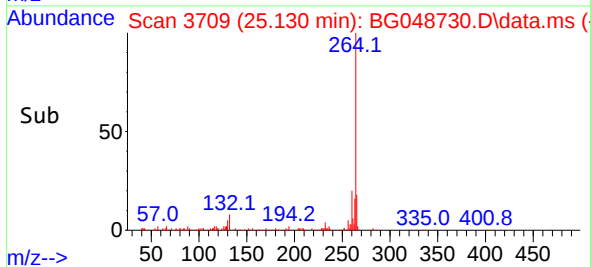
Tgt Ion:149 Resp: 348285  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 10.6 8.6 12.8



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.130 min Scan# 3709  
Delta R.T. -0.013 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46



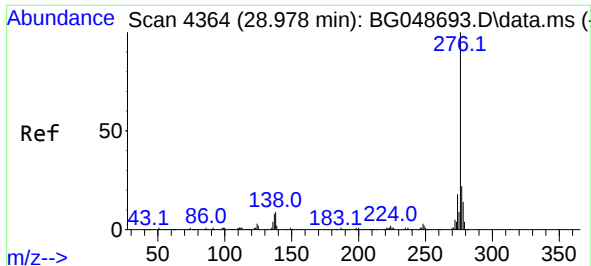
Tgt Ion:264 Resp: 134548  
Ion Ratio Lower Upper  
264 100  
260 19.8 19.4 29.2  
265 18.3 16.9 25.3



Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

Manual Integrations  
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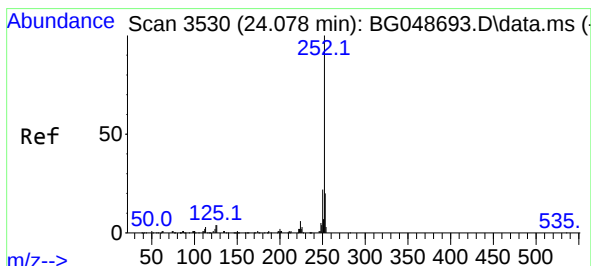
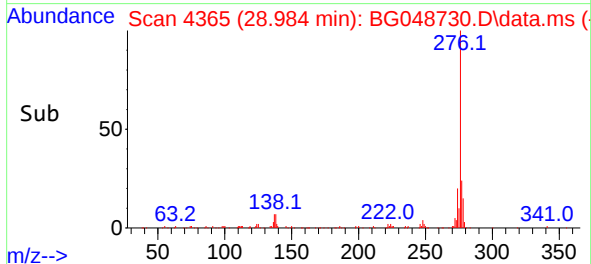
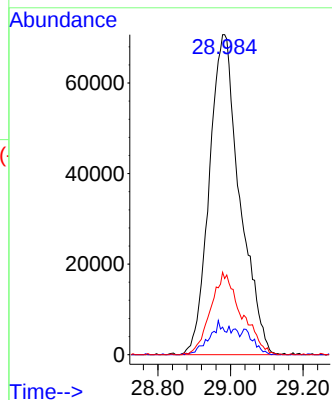
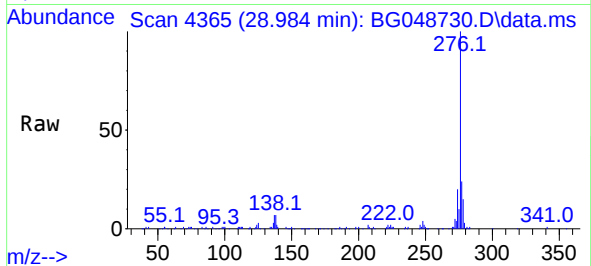
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.63 ng  
RT: 28.984 min Scan# 4365  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion: 276 Resp: 411396  
Ion Ratio Lower Upper  
276 100  
138 5.4 5.1 7.7  
277 26.1 19.8 29.6

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

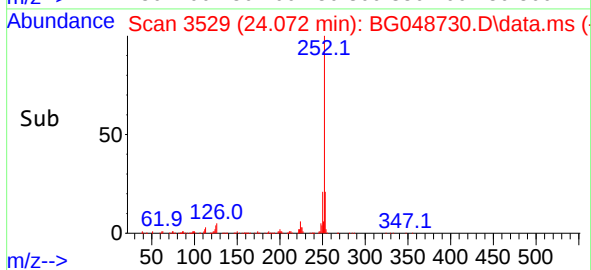
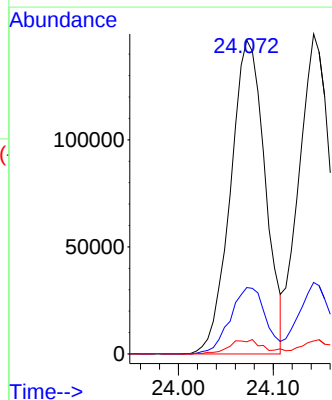
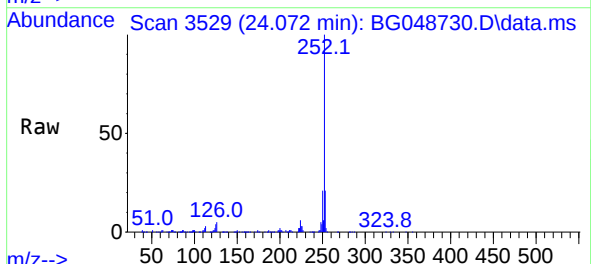
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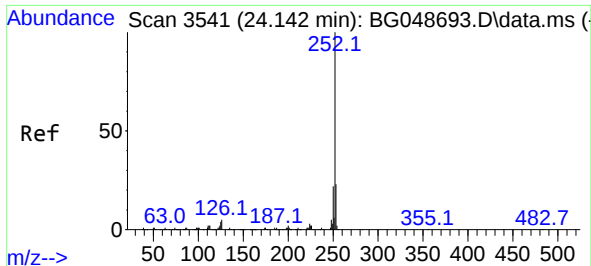
mohammad  
4/19/2021 11:44:22 AM



#88  
Benzo(b)fluoranthene  
Concen: 40.68 ng  
RT: 24.072 min Scan# 3529  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion: 252 Resp: 371363  
Ion Ratio Lower Upper  
252 100  
253 21.2 16.2 24.4  
125 3.9 3.0 4.4





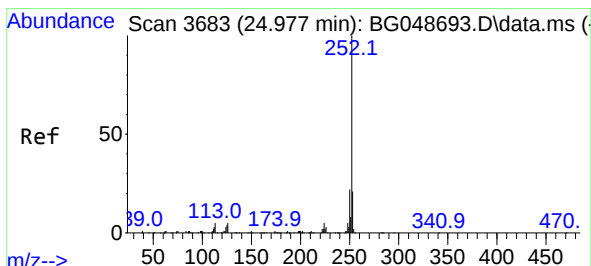
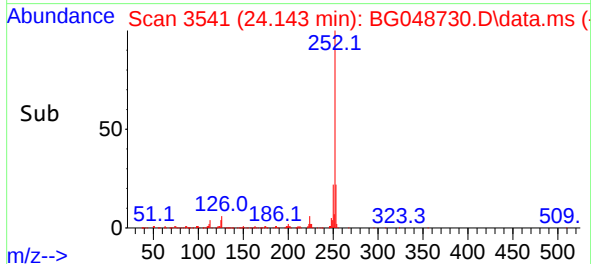
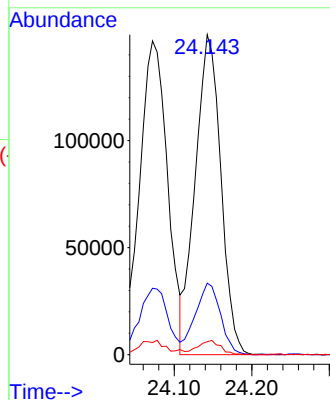
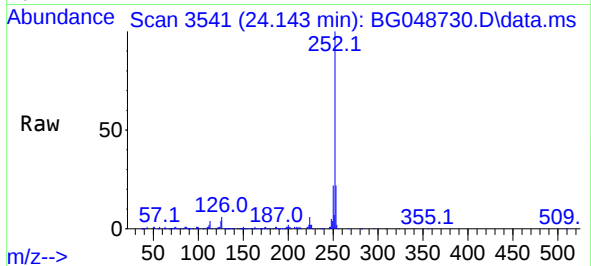
#89  
Benzo(k)fluoranthene  
Concen: 39.94 ng  
RT: 24.143 min Scan# 3541  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion:252 Resp: 342867  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.0 27.0  
125 4.1 3.1 4.7

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

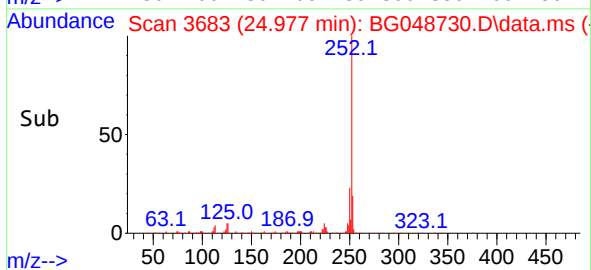
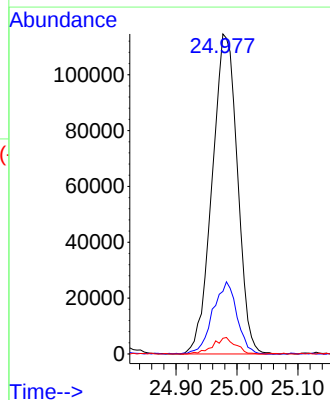
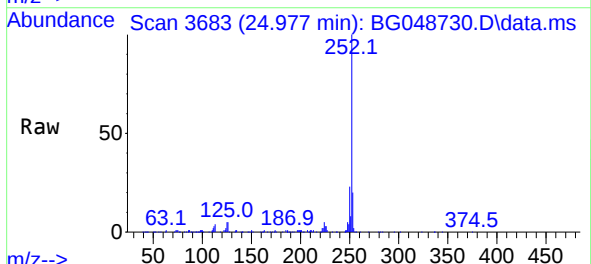
Manual Integrations  
APPROVED

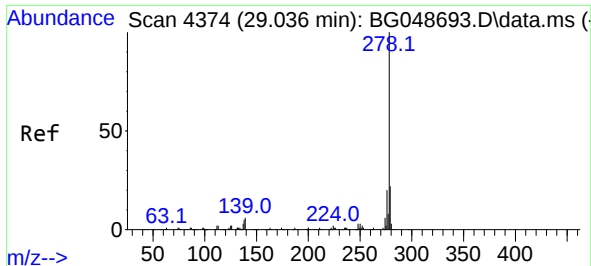
mohammad  
4/19/2021 11:44:22 AM



#90  
Benzo(a)pyrene  
Concen: 39.22 ng  
RT: 24.977 min Scan# 3683  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion:252 Resp: 329770  
Ion Ratio Lower Upper  
252 100  
253 19.6 16.6 25.0  
125 4.9 3.5 5.3





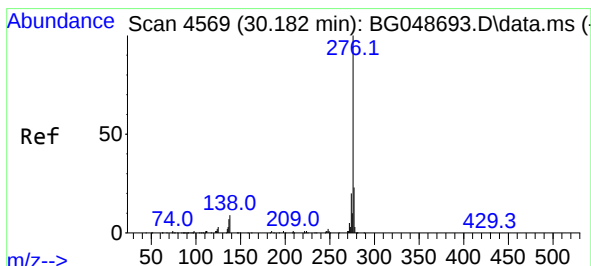
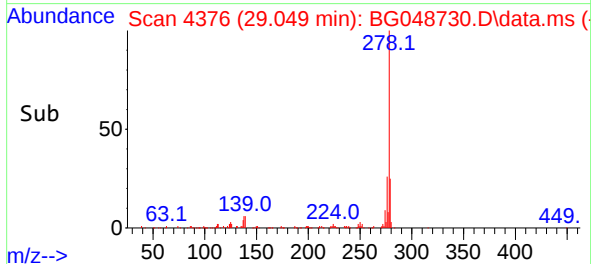
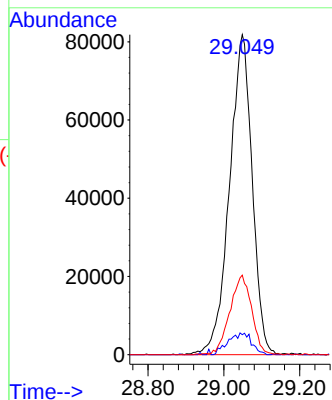
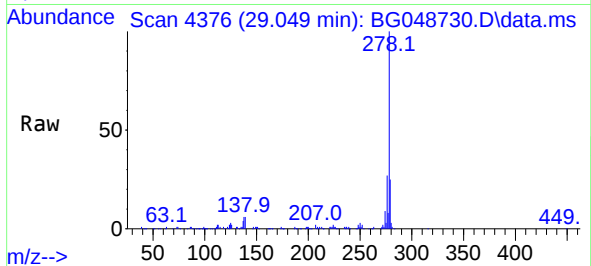
#91  
Dibenzo(a,h)anthracene  
Concen: 40.12 ng  
RT: 29.049 min Scan# 4376  
Delta R.T. -0.001 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion:278 Resp: 340067  
Ion Ratio Lower Upper  
278 100  
139 6.3 4.6 6.8  
279 24.8 17.9 26.9

Instrument :  
BNA\_G  
ClientSampled :  
S-2AMS

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 40.16 ng  
RT: 30.183 min Scan# 4569  
Delta R.T. -0.007 min  
Lab File: BG048730.D  
Acq: 16 Apr 2021 18:46

Tgt Ion:276 Resp: 336060  
Ion Ratio Lower Upper  
276 100  
277 24.4 18.4 27.6  
138 9.9 7.0 10.6

