

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100920\  
 Data File : BG046839.D  
 Acq On : 9 Oct 2020 18:24  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

mohammad  
 10/13/2020 11:07:50 AM

Quant Time: Oct 09 19:03:28 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG092220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 07 11:38:17 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.108  | 152  | 66651    | 20.00 | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.917 | 136  | 243210   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.730 | 164  | 176301   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.474 | 188  | 438034   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.745 | 240  | 479522   | 20.00 | ng    | #-0.01   |
| 86) Perylene-d12              | 25.012 | 264  | 496095   | 20.00 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.664  | 112  | 320530   | 77.04 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.256  | 99   | 465361   | 79.30 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.266  | 82   | 424168   | 92.78 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.216 | 330  | 226510   | 97.44 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.355 | 172  | 958747   | 76.99 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.077 | 244  | 1886234  | 78.84 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.567  | 88   | 68668    | 35.37 | ng    | # 93     |
| 3) Pyridine                   | 3.960  | 79   | 206994   | 37.69 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.878  | 42   | 100734   | 35.05 | ng    | # 64     |
| 6) Aniline                    | 7.427  | 93   | 260942   | 36.79 | ng    | 92       |
| 8) 2-Chlorophenol             | 7.668  | 128  | 164116   | 39.58 | ng    | 92       |
| 9) Benzaldehyde               | 7.239  | 77   | 131027   | 40.58 | ng    | 88       |
| 10) Phenol                    | 7.286  | 94   | 221785   | 37.97 | ng    | 84       |
| 11) bis(2-Chloroethyl)ether   | 7.521  | 93   | 165288   | 36.61 | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.997  | 146  | 208070   | 38.87 | ng    | # 90     |
| 13) 1,4-Dichlorobenzene       | 8.144  | 146  | 209450   | 39.48 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.461  | 146  | 197173   | 39.85 | ng    | 95       |
| 15) Benzyl Alcohol            | 8.337  | 79   | 176793   | 36.64 | ng    | 90       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.631  | 45   | 248168   | 31.33 | ng    | 99       |
| 17) 2-Methylphenol            | 8.537  | 107  | 142790   | 38.07 | ng    | # 90     |
| 18) Hexachloroethane          | 9.195  | 117  | 76573    | 38.26 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.907  | 70   | 146055   | 36.29 | ng    | # 97     |
| 20) 3+4-Methylphenols         | 8.866  | 107  | 197794   | 38.69 | ng    | 94       |
| 22) Acetophenone              | 8.925  | 105  | 268109   | 37.95 | ng    | 92       |
| 24) Nitrobenzene              | 9.313  | 77   | 219992   | 44.08 | ng    | 89       |
| 25) Isophorone                | 9.836  | 82   | 369180   | 36.99 | ng    | 94       |
| 26) 2-Nitrophenol             | 10.024 | 139  | 96475    | 53.48 | ng    | # 75     |
| 27) 2,4-Dimethylphenol        | 10.077 | 122  | 135145   | 37.48 | ng    | 87       |
| 28) bis(2-Chloroethoxy)met... | 10.312 | 93   | 229288   | 37.25 | ng    | # 95     |
| 29) 2,4-Dichlorophenol        | 10.558 | 162  | 185974   | 42.87 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.776 | 180  | 215151   | 41.55 | ng    | 99       |
| 31) Naphthalene               | 10.970 | 128  | 528972   | 40.10 | ng    | 98       |
| 32) Benzoic acid              | 10.206 | 122  | 126391   | 49.94 | ng    | # 88     |
| 33) 4-Chloroaniline           | 11.064 | 127  | 230691   | 39.48 | ng    | 93       |
| 34) Hexachlorobutadiene       | 11.252 | 225  | 161735   | 42.60 | ng    | 94       |
| 35) Caprolactam               | 11.839 | 113  | 60186    | 40.97 | ng    | # 82     |
| 36) 4-Chloro-3-methylphenol   | 12.180 | 107  | 189512   | 40.64 | ng    | 90       |
| 37) 2-Methylnaphthalene       | 12.562 | 142  | 390277   | 39.91 | ng    | # 96     |
| 38) 1-Methylnaphthalene       | 12.785 | 142  | 366308m  | 40.35 | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.926 | 216  | 252765   | 39.88 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.909 | 237  | 126792   | 34.39 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.161 | 196  | 172899   | 43.38 | ng    | 99       |

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 QLast Update : Wed Oct 07 11:38:17 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|-------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 13.232 | 196  | 175597   | 43.78 | ng    | #        | 95  |
| 46) 1,1'-Biphenyl             | 13.567 | 154  | 522997   | 38.58 | ng    |          | 94  |
| 47) 2-Chloronaphthalene       | 13.608 | 162  | 425805   | 38.66 | ng    |          | 96  |
| 48) 2-Nitroaniline            | 13.808 | 65   | 152198   | 52.05 | ng    | #        | 81  |
| 49) Acenaphthylene            | 14.454 | 152  | 633910   | 39.11 | ng    |          | 97  |
| 50) Dimethylphthalate         | 14.178 | 163  | 554868   | 39.40 | ng    |          | 98  |
| 51) 2,6-Dinitrotoluene        | 14.295 | 165  | 120705   | 52.74 | ng    | #        | 75  |
| 52) Acenaphthene              | 14.795 | 154  | 446636   | 40.57 | ng    |          | 97  |
| 53) 3-Nitroaniline            | 14.624 | 138  | 131763   | 50.95 | ng    |          | 89  |
| 54) 2,4-Dinitrophenol         | 14.824 | 184  | 67905    | 54.33 | ng    | #        | 82  |
| 55) Dibenzofuran              | 15.124 | 168  | 660725   | 39.75 | ng    |          | 96  |
| 56) 4-Nitrophenol             | 14.918 | 139  | 108629   | 51.00 | ng    | #        | 63  |
| 57) 2,4-Dinitrotoluene        | 15.083 | 165  | 180579   | 59.59 | ng    | #        | 81  |
| 58) Fluorene                  | 15.776 | 166  | 537705   | 40.40 | ng    |          | 97  |
| 59) 2,3,4,6-Tetrachlorophenol | 15.347 | 232  | 186805   | 46.59 | ng    | #        | 95  |
| 60) Diethylphthalate          | 15.541 | 149  | 554901   | 39.19 | ng    |          | 96  |
| 61) 4-Chlorophenyl-phenyle... | 15.764 | 204  | 315706   | 41.55 | ng    |          | 97  |
| 62) 4-Nitroaniline            | 15.788 | 138  | 147211   | 51.27 | ng    | #        | 67  |
| 63) Azobenzene                | 16.058 | 77   | 506772   | 36.41 | ng    |          | 91  |
| 65) 4,6-Dinitro-2-methylph... | 15.840 | 198  | 99956    | 54.98 | ng    |          | 86  |
| 66) n-Nitrosodiphenylamine    | 15.976 | 169  | 485691   | 36.91 | ng    |          | 98  |
| 67) 4-Bromophenyl-phenylether | 16.657 | 248  | 218863   | 39.54 | ng    |          | 96  |
| 68) Hexachlorobenzene         | 16.775 | 284  | 236527   | 39.72 | ng    |          | 91  |
| 69) Atrazine                  | 16.922 | 200  | 206288   | 39.02 | ng    |          | 98  |
| 70) Pentachlorophenol         | 17.115 | 266  | 154815   | 45.04 | ng    |          | 91  |
| 71) Phenanthrene              | 17.515 | 178  | 933973   | 39.27 | ng    |          | 98  |
| 72) Anthracene                | 17.603 | 178  | 914710   | 38.98 | ng    |          | 98  |
| 73) Carbazole                 | 17.873 | 167  | 845498   | 39.59 | ng    |          | 99  |
| 74) Di-n-butylphthalate       | 18.426 | 149  | 999308   | 38.07 | ng    | #        | 98  |
| 75) Fluoranthene              | 19.518 | 202  | 1229454  | 40.59 | ng    |          | 97  |
| 77) Benzidine                 | 19.695 | 184  | 492184   | 33.30 | ng    |          | 98  |
| 78) Pyrene                    | 19.877 | 202  | 1226294  | 39.78 | ng    |          | 99  |
| 80) Butylbenzylphthalate      | 20.758 | 149  | 478547   | 40.18 | ng    |          | 89  |
| 81) Benzo(a)anthracene        | 21.728 | 228  | 1260735  | 39.38 | ng    |          | 99  |
| 82) 3,3'-Dichlorobenzidine    | 21.640 | 252  | 456999   | 36.78 | ng    |          | 99  |
| 83) Chrysene                  | 21.798 | 228  | 1196060  | 39.10 | ng    |          | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.628 | 149  | 673422   | 38.49 | ng    |          | 96  |
| 85) Di-n-octyl phthalate      | 22.862 | 149  | 1126638  | 37.45 | ng    | #        | 96  |
| 87) Indeno(1,2,3-cd)pyrene    | 28.749 | 276  | 1435845  | 39.12 | ng    | #        | 89  |
| 88) Benzo(b)fluoranthene      | 23.978 | 252  | 1293278  | 39.78 | ng    | #        | 96  |
| 89) Benzo(k)fluoranthene      | 24.048 | 252  | 1212673  | 38.80 | ng    | #        | 97  |
| 90) Benzo(a)pyrene            | 24.865 | 252  | 1192853  | 38.99 | ng    | #        | 97  |
| 91) Dibenzo(a,h)anthracene    | 28.813 | 278  | 1157847  | 38.57 | ng    | #        | 95  |
| 92) Benzo(g,h,i)perylene      | 29.924 | 276  | 1143350  | 38.94 | ng    | #        | 93  |

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

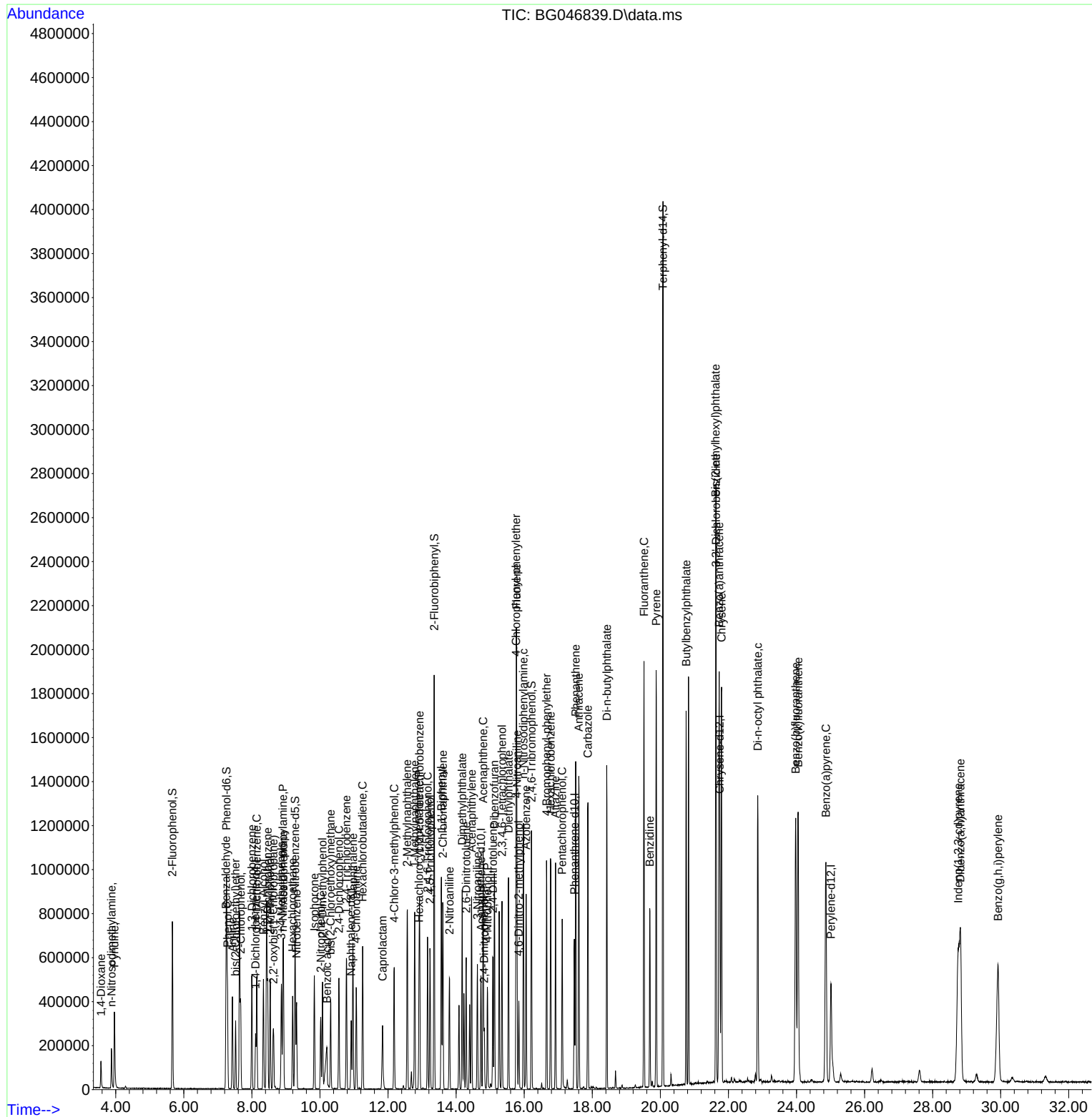
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100920\  
 Data File : BG046839.D  
 Acq On : 9 Oct 2020 18:24  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

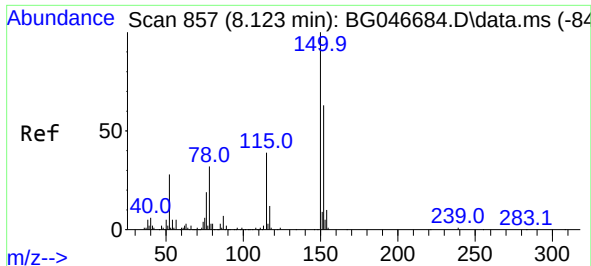
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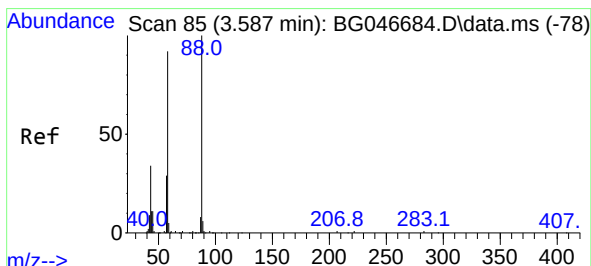
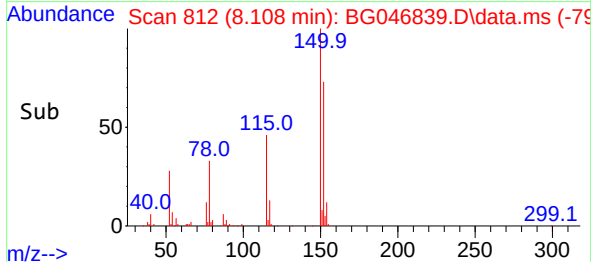
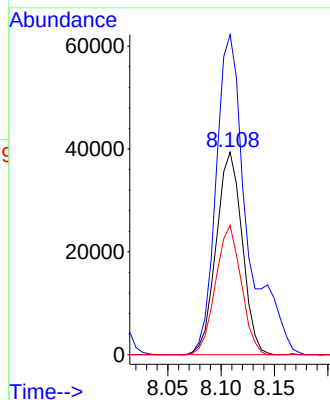
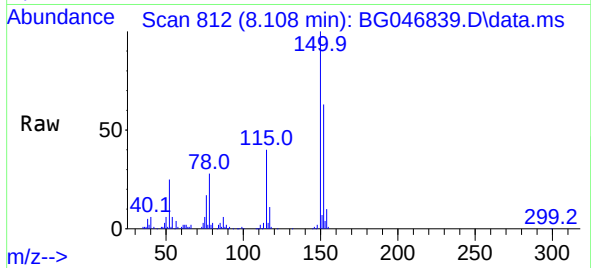
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.108 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:152 Resp: 66651  
Ion Ratio Lower Upper  
152 100  
150 158.0 125.0 187.6  
115 63.8 41.8 62.6#

Instrument :  
BNA\_G  
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SSTDCCC040EC

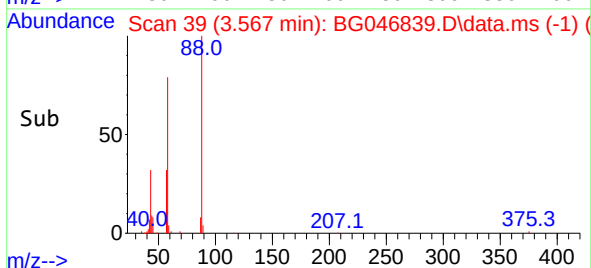
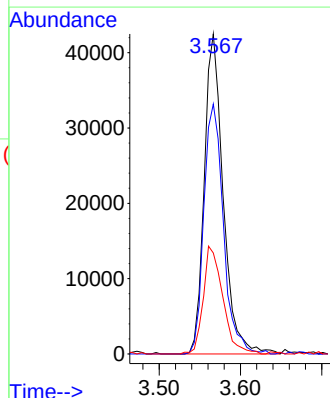
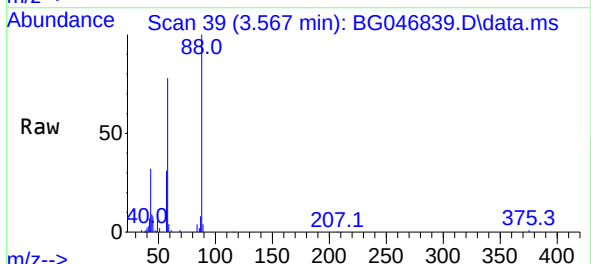
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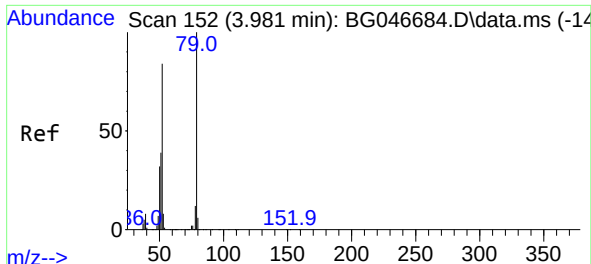
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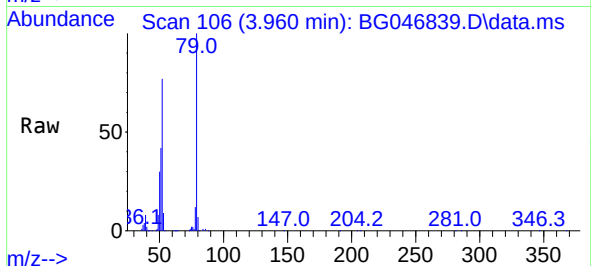
#2  
1,4-Dioxane  
Concen: 35.37 ng  
RT: 3.567 min Scan# 39  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion: 88 Resp: 68668  
Ion Ratio Lower Upper  
88 100  
58 80.8 61.6 92.4  
43 34.8 21.3 31.9#

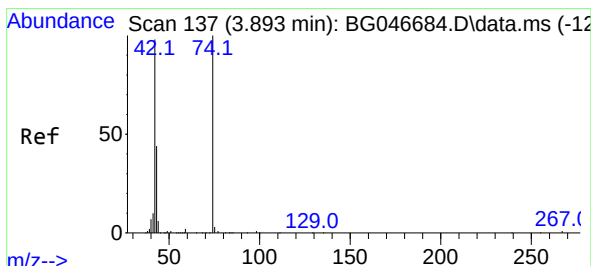
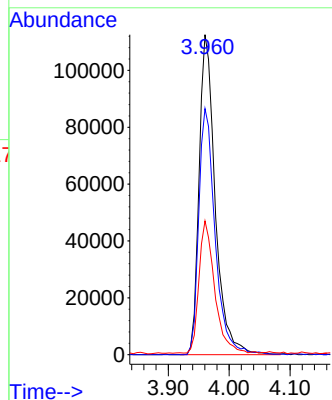
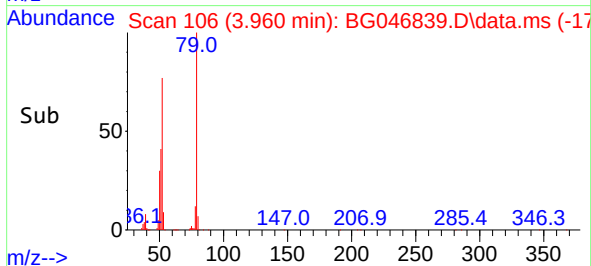




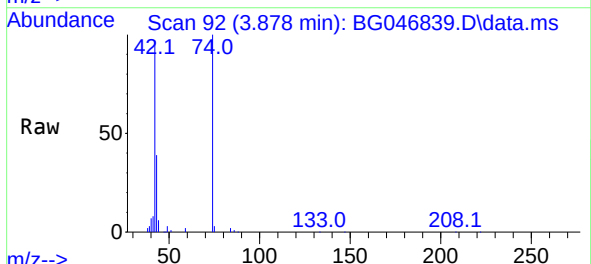
#3  
Pyridine  
Concen: 37.69 ng  
RT: 3.960 min Scan# 106  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



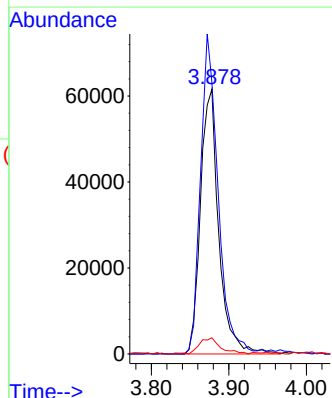
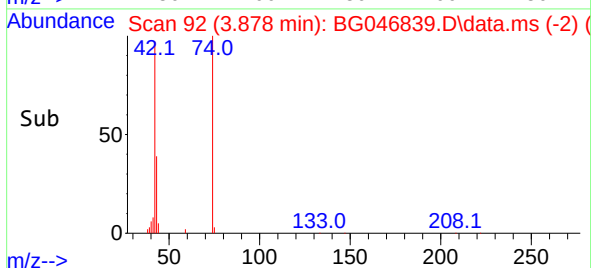
Tgt Ion: 79 Resp: 206994  
Ion Ratio Lower Upper  
79 100  
52 76.9 61.3 91.9  
51 41.8 28.4 42.6



#4  
n-Nitrosodimethylamine  
Concen: 35.05 ng  
RT: 3.878 min Scan# 92  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



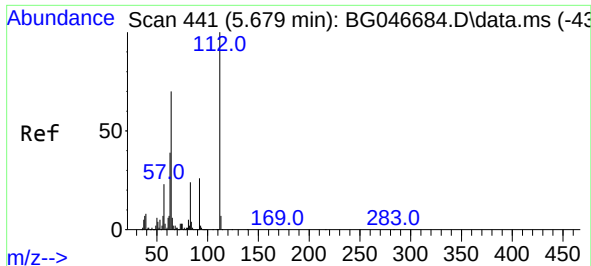
Tgt Ion: 42 Resp: 100734  
Ion Ratio Lower Upper  
42 100  
74 102.7 120.4 180.6#  
44 6.1 6.2 9.2#



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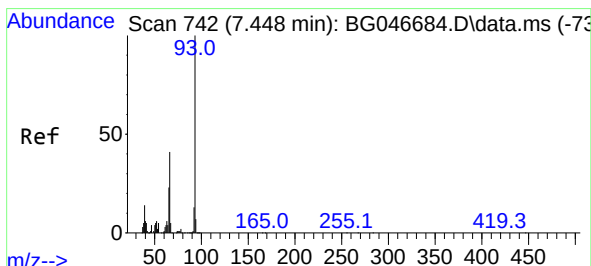
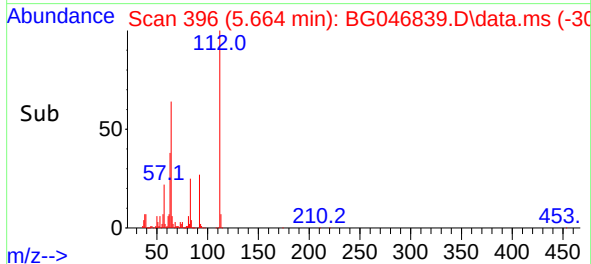
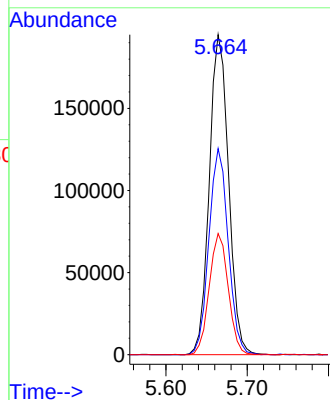
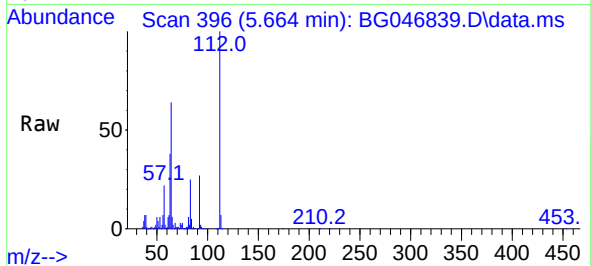
#5  
2-Fluorophenol  
Concen: 77.04 ng  
RT: 5.664 min Scan# 396  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:112 Resp: 320530  
Ion Ratio Lower Upper  
112 100  
64 64.4 46.7 70.1  
63 37.8 22.8 34.2#

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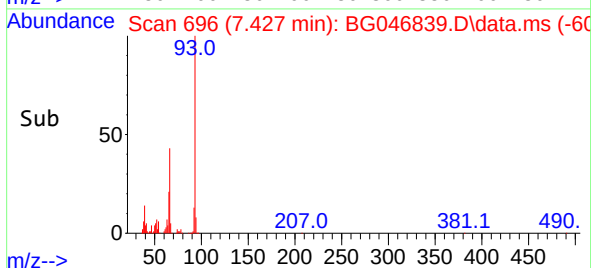
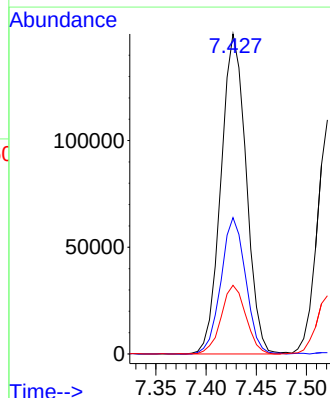
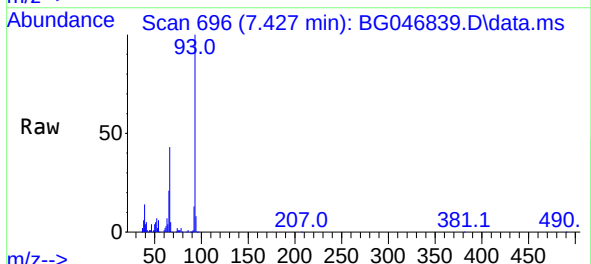
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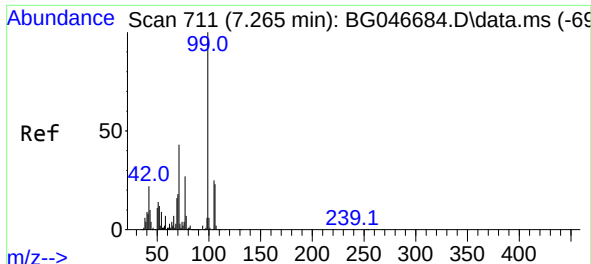
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#6  
Aniline  
Concen: 36.79 ng  
RT: 7.427 min Scan# 696  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion: 93 Resp: 260942  
Ion Ratio Lower Upper  
93 100  
66 42.6 29.5 44.3  
65 21.5 15.5 23.3





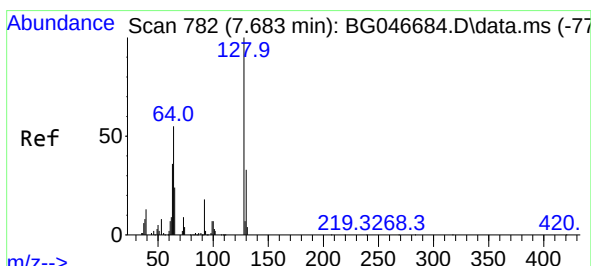
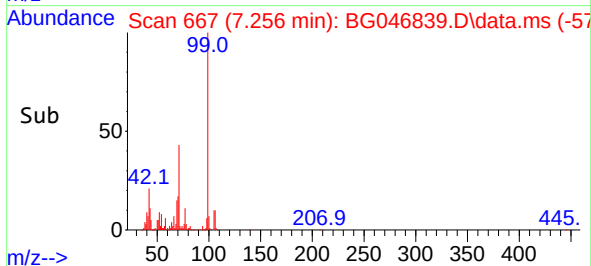
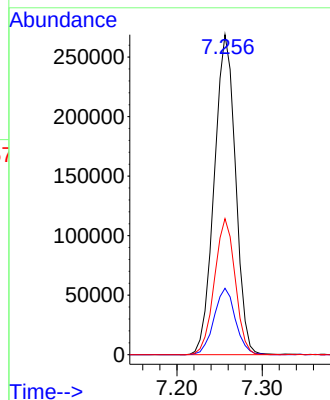
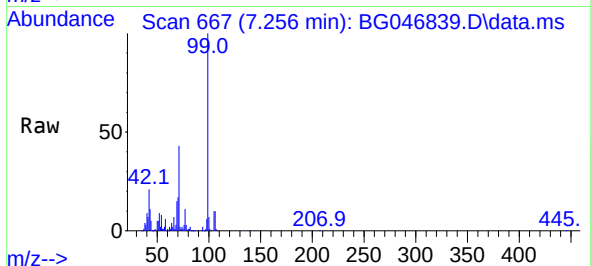
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Phenol-d6  
Concen: 79.30 ng  
RT: 7.256 min Scan# 667  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion: 99 Resp: 465361  
Ion Ratio Lower Upper  
99 100  
42 20.7 12.8 19.2#  
71 42.5 24.6 36.8#

Instrument :  
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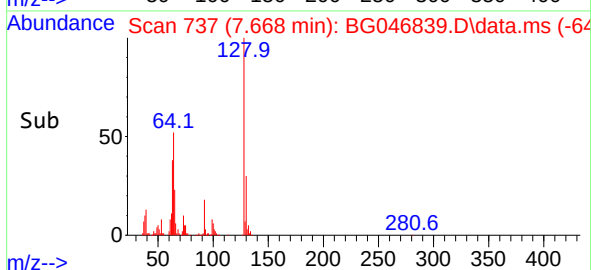
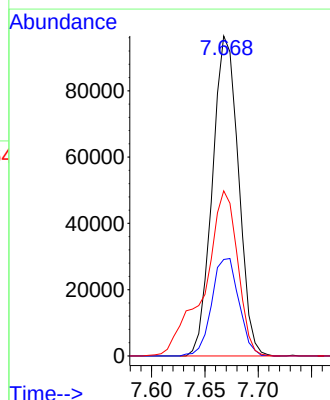
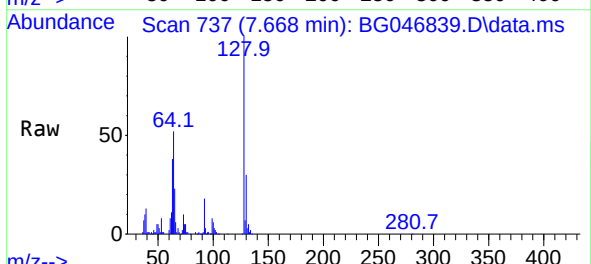
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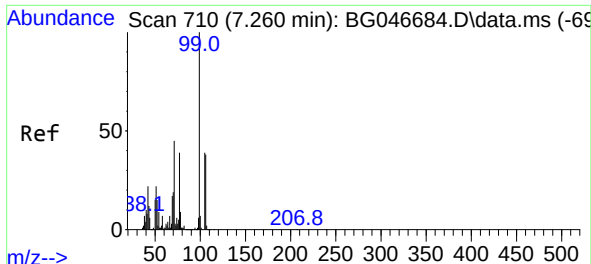
mohammad  
10/13/2020 11:07:50 AM



#8  
2-Chlorophenol  
Concen: 39.58 ng  
RT: 7.668 min Scan# 737  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

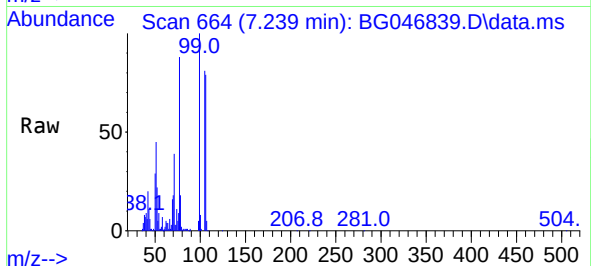
Tgt Ion: 128 Resp: 164116  
Ion Ratio Lower Upper  
128 100  
130 30.2 12.6 52.6  
64 51.6 24.8 64.8





#9  
Benzaldehyde  
Concen: 40.58 ng  
RT: 7.239 min Scan# 664  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

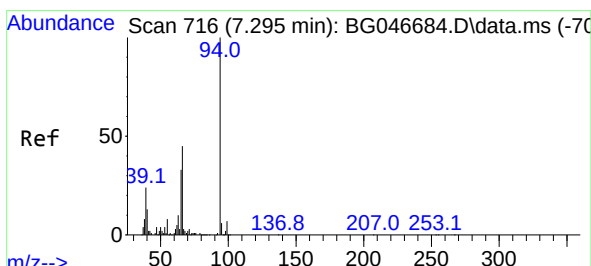
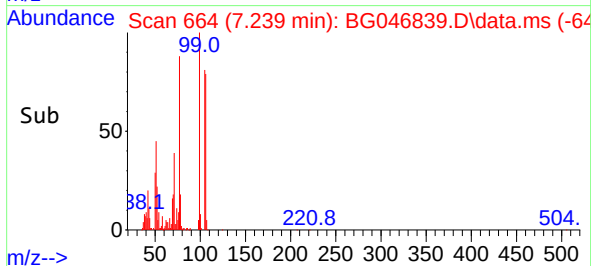
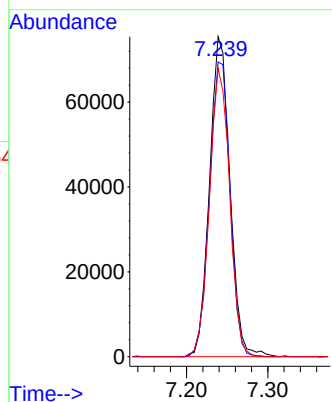
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



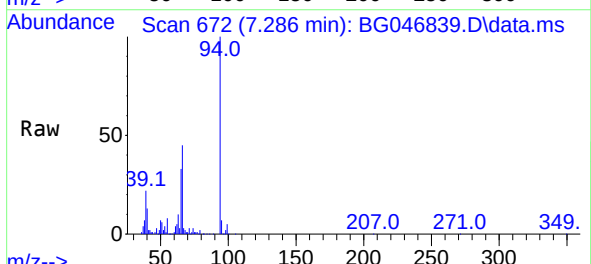
Tgt Ion: 77 Resp: 131027  
Ion Ratio Lower Upper  
77 100  
105 92.1 85.9 125.9  
106 90.1 80.9 120.9

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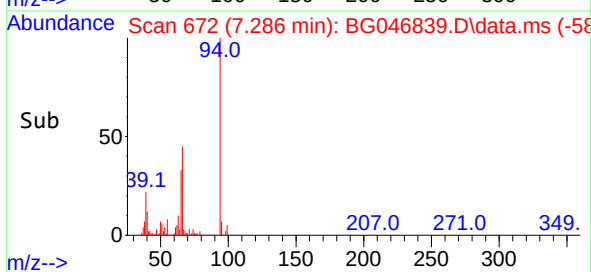
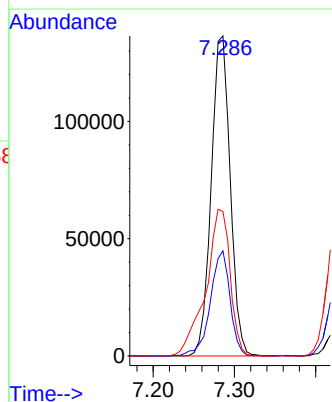
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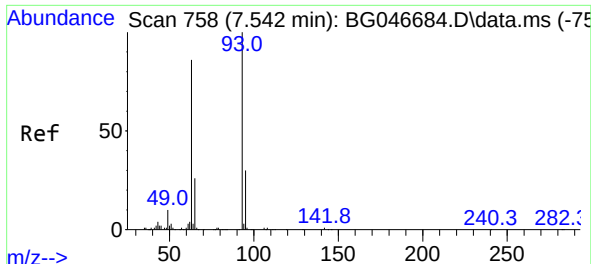
#10  
Phenol  
Concen: 37.97 ng  
RT: 7.286 min Scan# 672  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



Tgt Ion: 94 Resp: 221785  
Ion Ratio Lower Upper  
94 100  
65 32.9 6.6 46.6  
66 45.2 13.9 53.9

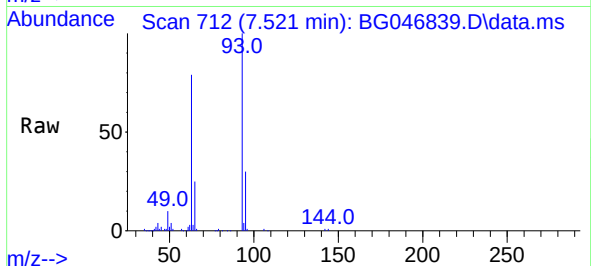






#11  
bis(2-Chloroethyl)ether  
Concen: 36.61 ng  
RT: 7.521 min Scan# 712  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

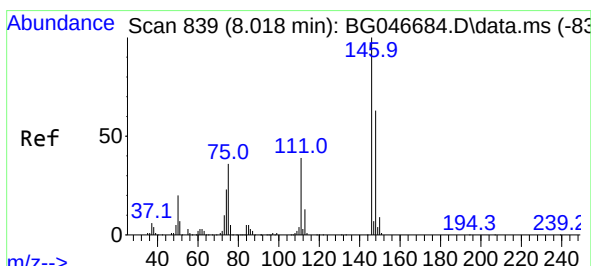
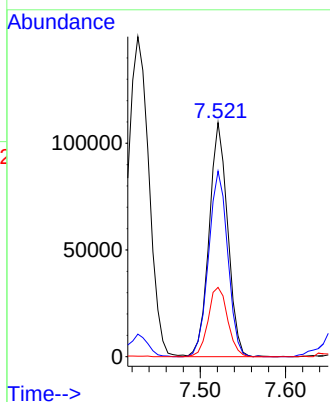
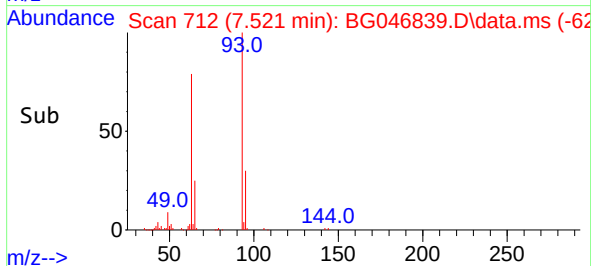
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



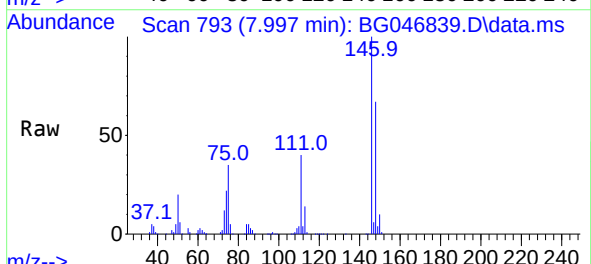
Tgt Ion: 93 Resp: 165288  
Ion Ratio Lower Upper  
93 100  
63 79.3 56.4 96.4  
95 29.6 13.8 53.8

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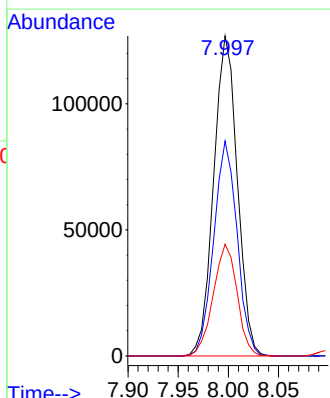
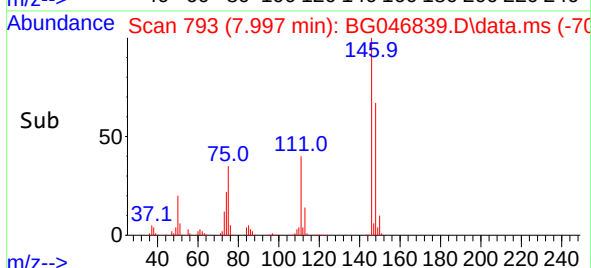
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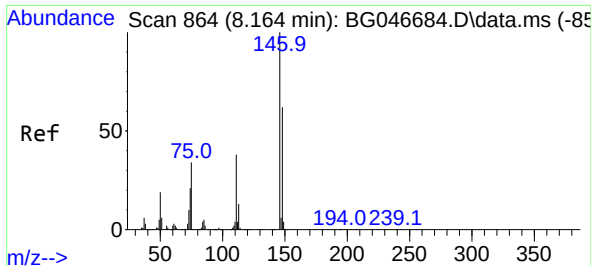


#12  
1,3-Dichlorobenzene  
Concen: 38.87 ng  
RT: 7.997 min Scan# 793  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



Tgt Ion: 146 Resp: 208070  
Ion Ratio Lower Upper  
146 100  
148 67.2 50.1 75.1  
75 34.9 20.1 30.1#





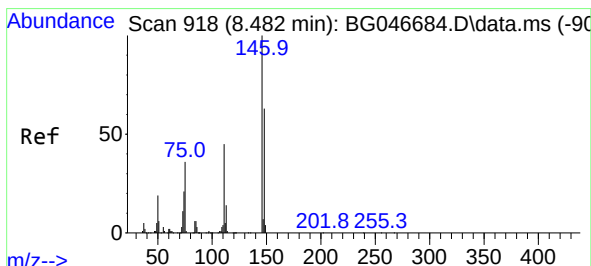
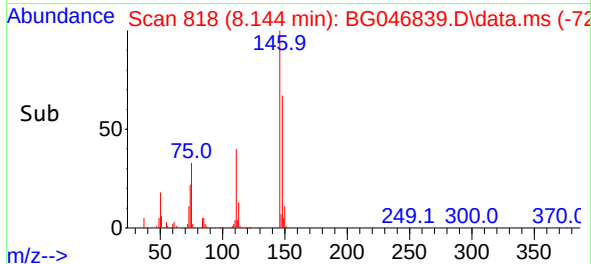
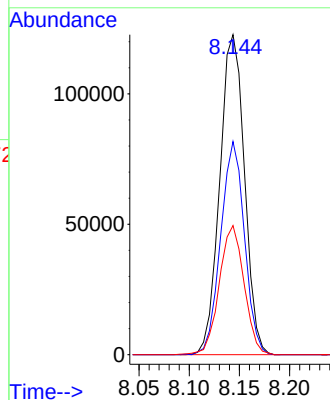
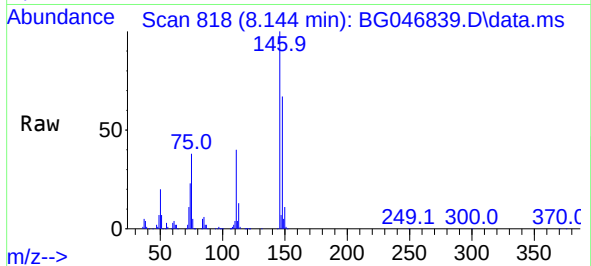
#13  
1,4-Dichlorobenzene  
Concen: 39.48 ng  
RT: 8.144 min Scan# 818  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:146 Resp: 209450  
Ion Ratio Lower Upper  
146 100  
148 66.6 51.1 76.7  
111 40.3 29.7 44.5

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

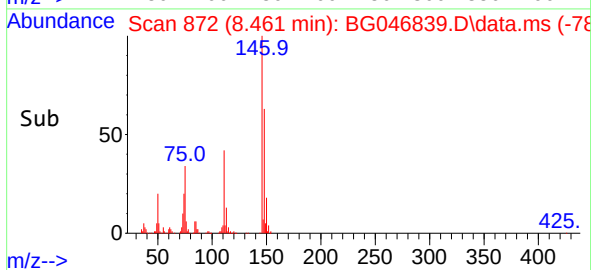
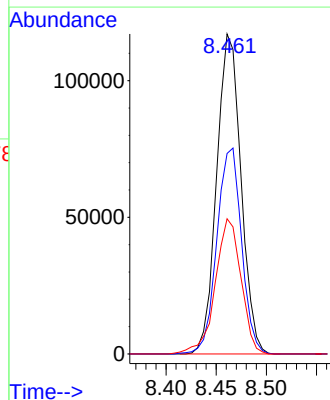
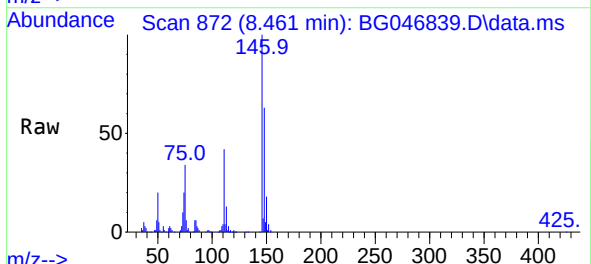
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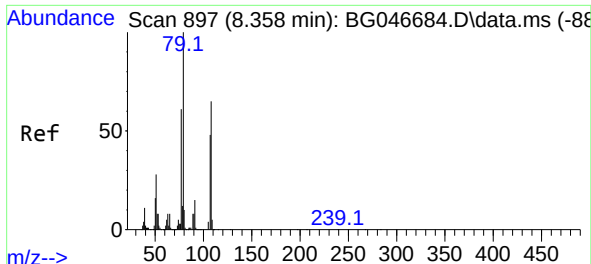
mohammad  
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#14  
1,2-Dichlorobenzene  
Concen: 39.85 ng  
RT: 8.461 min Scan# 872  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:146 Resp: 197173  
Ion Ratio Lower Upper  
146 100  
148 62.6 53.0 79.6  
111 42.2 30.7 46.1





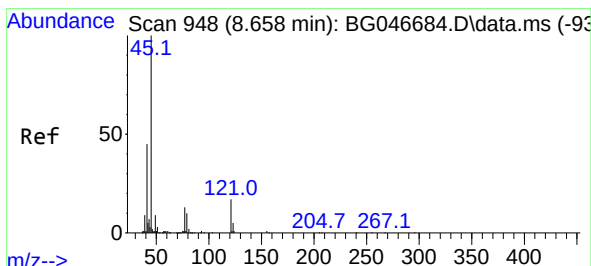
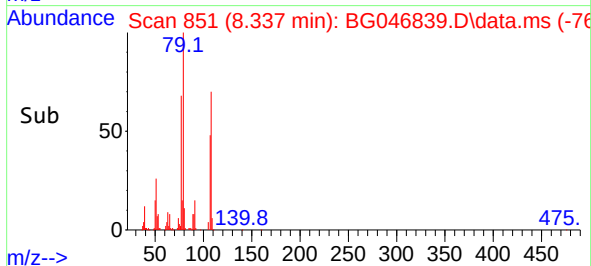
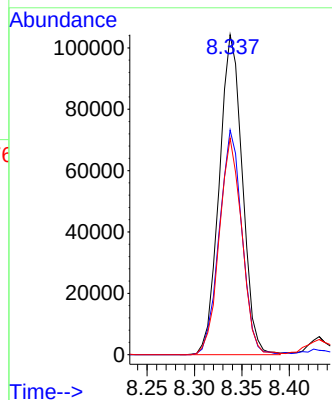
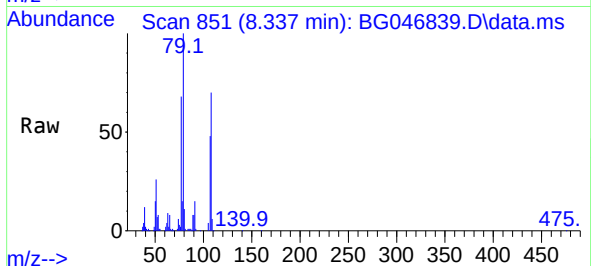
#15  
Benzyl Alcohol  
Concen: 36.64 ng  
RT: 8.337 min Scan# 851  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion: 79 Resp: 176793  
Ion Ratio Lower Upper  
79 100  
108 70.2 65.5 98.3  
77 67.6 50.1 75.1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

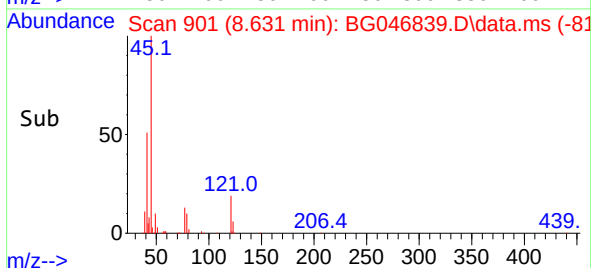
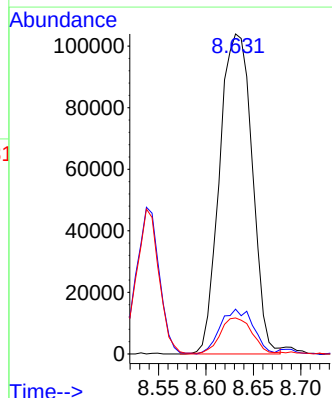
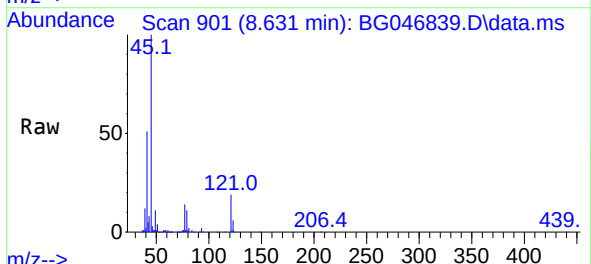
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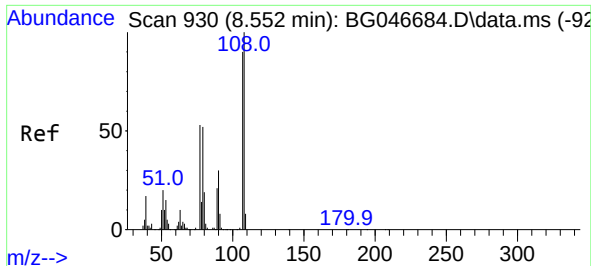
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 31.33 ng  
RT: 8.631 min Scan# 901  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

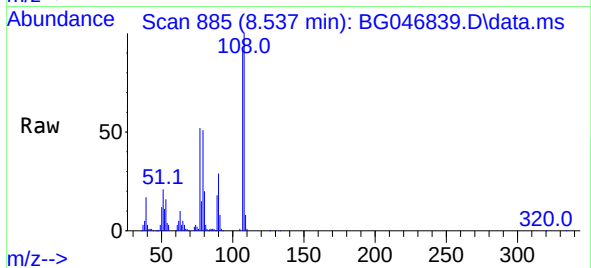
Tgt Ion: 45 Resp: 248168  
Ion Ratio Lower Upper  
45 100  
77 14.0 0.0 33.4  
79 11.2 0.0 30.8





#17  
2-Methylphenol  
Concen: 38.07 ng  
RT: 8.537 min Scan# 885  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

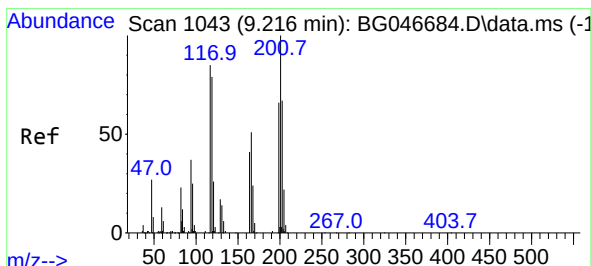
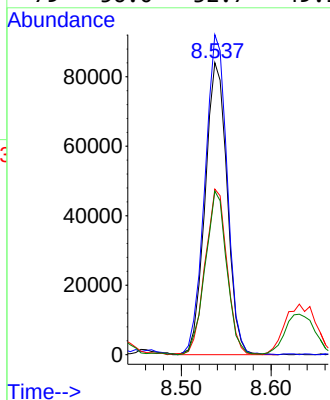
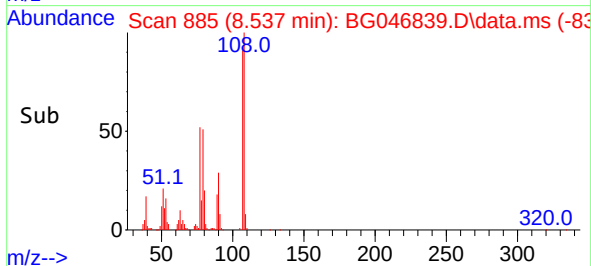
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



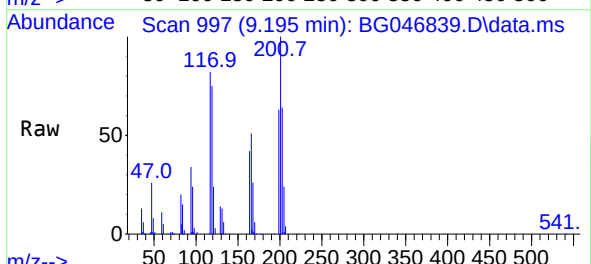
Tgt Ion:107 Resp: 142790  
Ion Ratio Lower Upper  
107 100  
108 109.6 87.2 130.8  
77 56.7 33.8 50.8#  
79 56.0 32.7 49.1#

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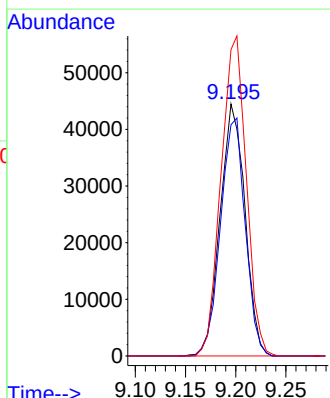
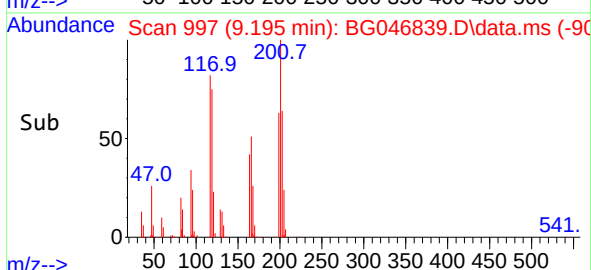
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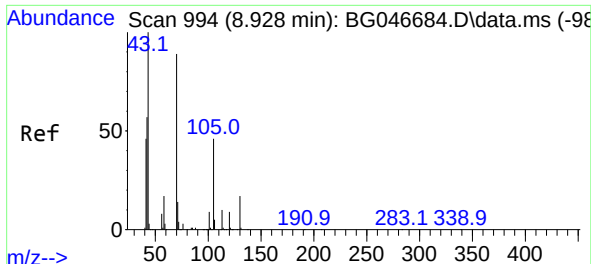


#18  
Hexachloroethane  
Concen: 38.26 ng  
RT: 9.195 min Scan# 997  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



Tgt Ion:117 Resp: 76573  
Ion Ratio Lower Upper  
117 100  
119 91.8 77.5 116.3  
201 121.7 104.9 157.3





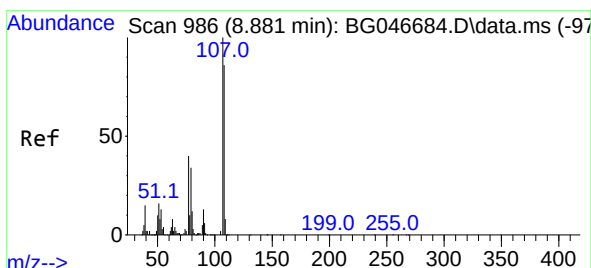
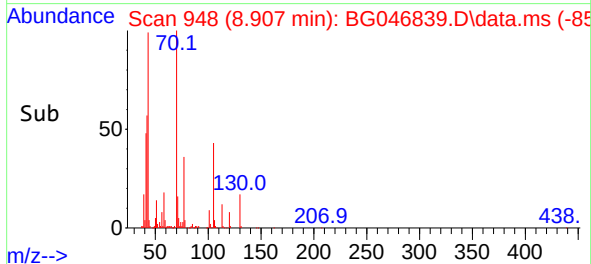
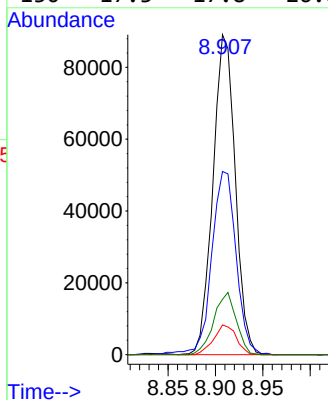
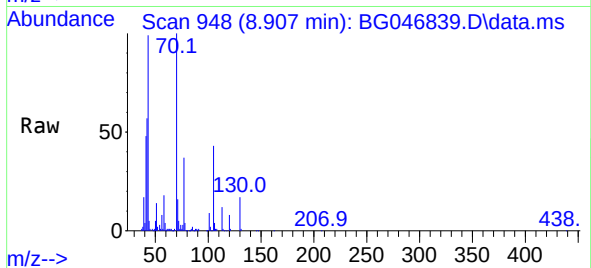
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.29 ng  
RT: 8.907 min Scan# 948  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 70    | Resp: | 146055 |
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 57.2  | 45.6  | 68.4   |
| 101       | 9.3   | 8.4   | 12.6   |
| 130       | 17.3  | 17.8  | 26.8#  |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

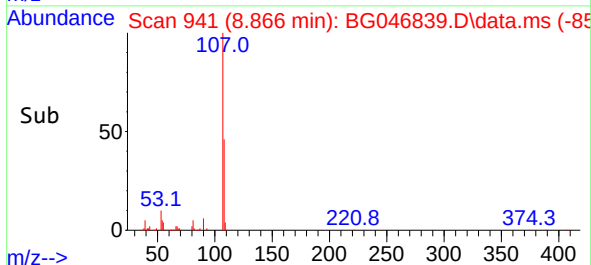
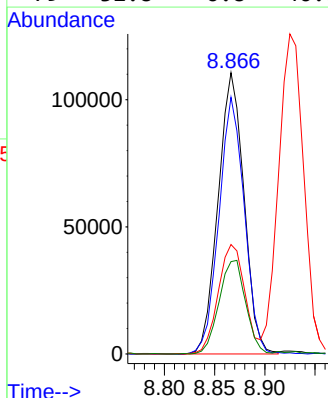
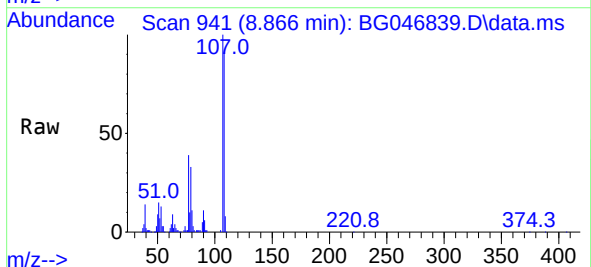
Manual Integrations  
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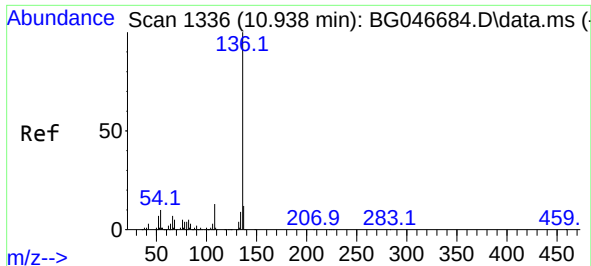
mohammad  
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#20  
3+4-Methylphenols  
Concen: 38.69 ng  
RT: 8.866 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 197794 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 91.2  | 70.6  | 110.6  |
| 77        | 38.9  | 10.2  | 50.2   |
| 79        | 32.8  | 6.8   | 46.8   |





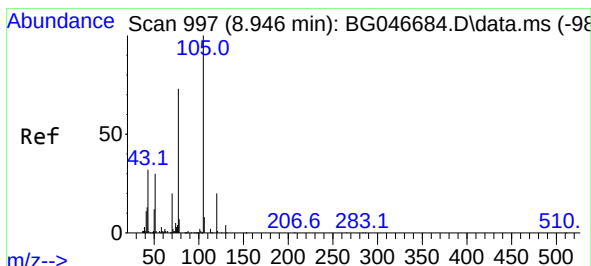
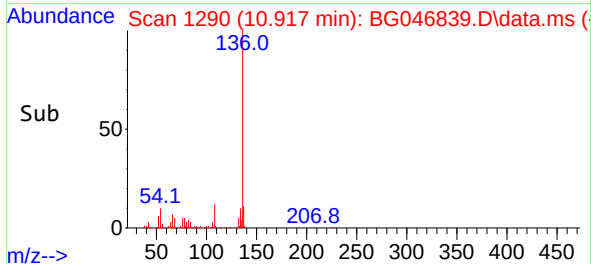
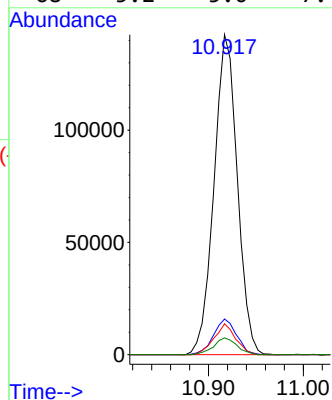
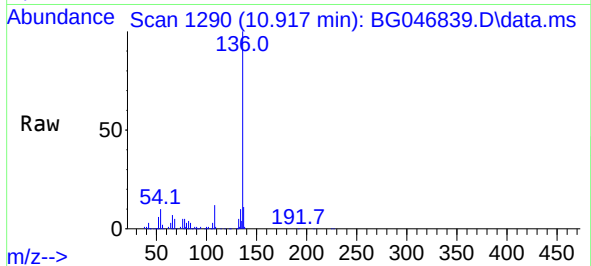
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.917 min Scan# 1290  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 243210 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.1  | 9.1   | 13.7   |
| 54        | 9.7   | 6.2   | 9.4#   |
| 68        | 5.2   | 5.0   | 7.4    |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

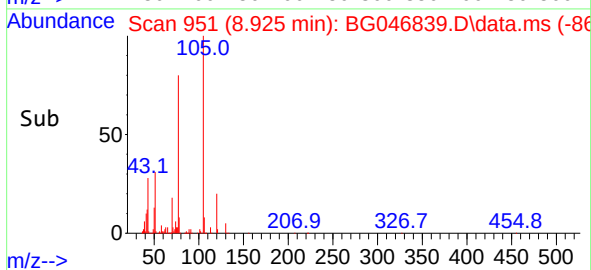
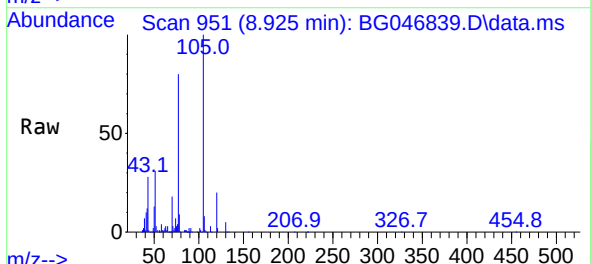
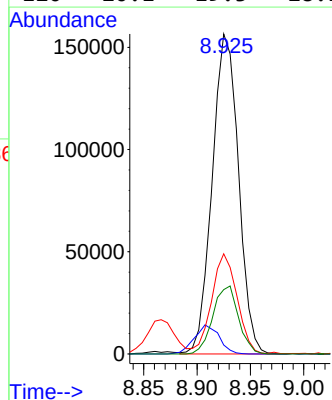
Manual Integrations  
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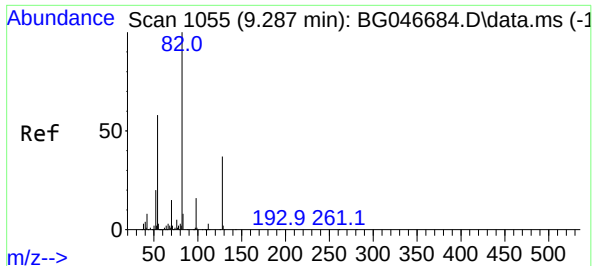
mohammad  
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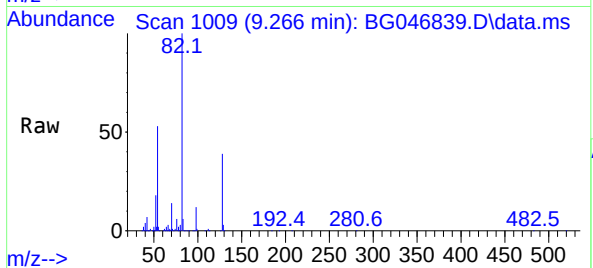
#22  
Acetophenone  
Concen: 37.95 ng  
RT: 8.925 min Scan# 951  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 268109 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.8   | 2.7   | 4.1    |
| 51        | 31.3  | 21.0  | 31.6   |
| 120       | 20.1  | 19.3  | 28.9   |

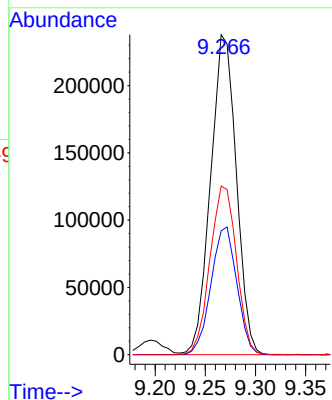




#23  
Nitrobenzene-d5  
Concen: 92.78 ng  
RT: 9.266 min Scan# 1009  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



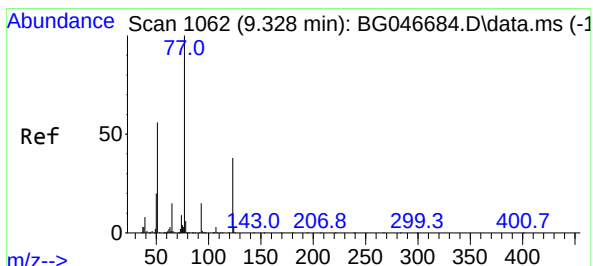
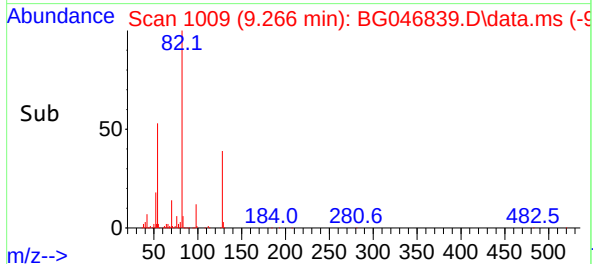
Tgt Ion: 82 Resp: 424168  
Ion Ratio Lower Upper  
82 100  
128 38.7 37.0 55.6  
54 52.7 39.0 58.4



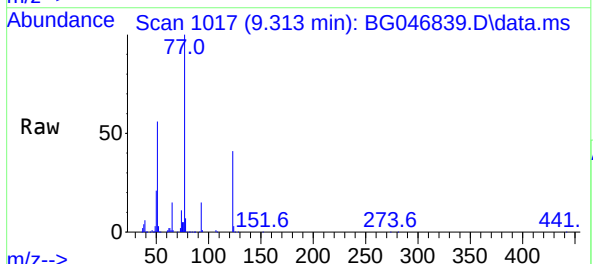
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

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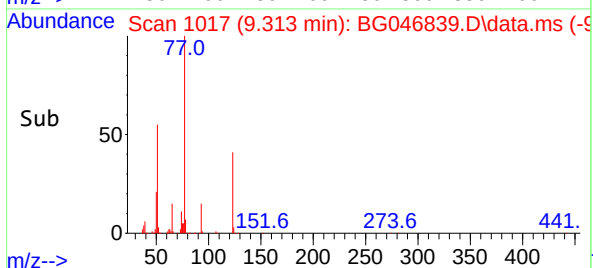
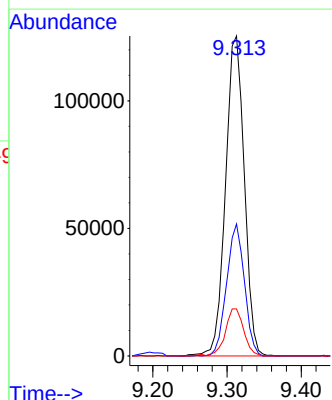
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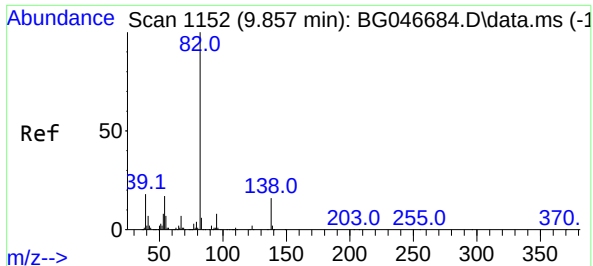


#24  
Nitrobenzene  
Concen: 44.08 ng  
RT: 9.313 min Scan# 1017  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



Tgt Ion: 77 Resp: 219992  
Ion Ratio Lower Upper  
77 100  
123 41.2 39.7 59.5  
65 14.7 10.4 15.6





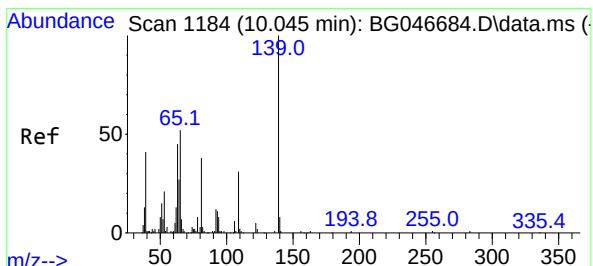
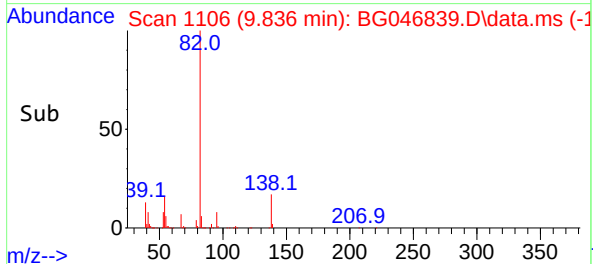
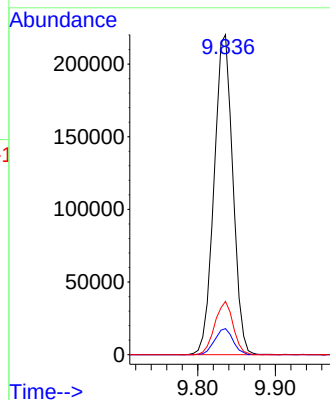
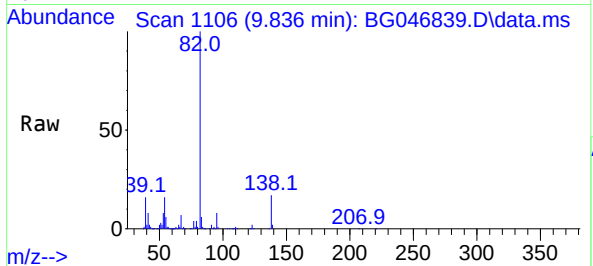
#25  
Isophorone  
Concen: 36.99 ng  
RT: 9.836 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion: 82 Resp: 369180  
Ion Ratio Lower Upper  
82 100  
95 8.2 5.6 8.4  
138 16.7 15.8 23.6

Instrument :  
BNA\_G  
ClientSampleId :  
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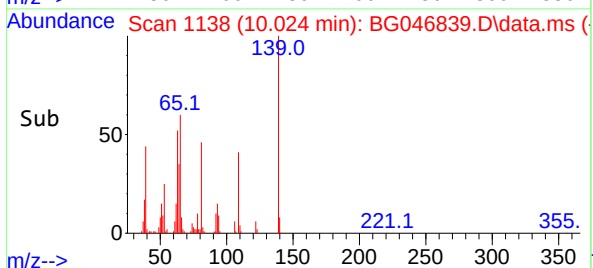
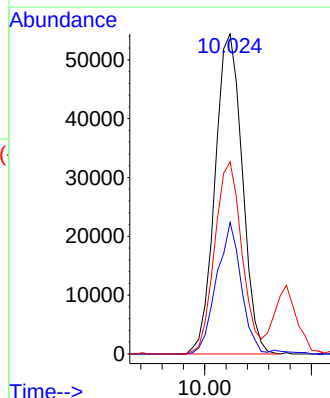
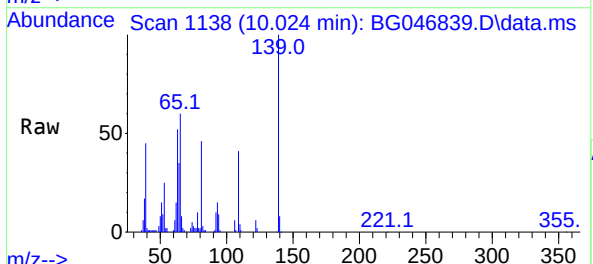
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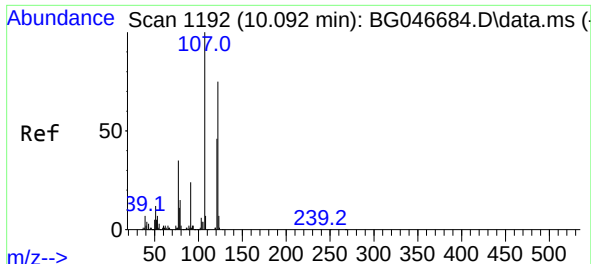


#26  
2-Nitrophenol  
Concen: 53.48 ng  
RT: 10.024 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion: 139 Resp: 96475  
Ion Ratio Lower Upper  
139 100  
109 41.1 20.7 31.1#  
65 60.0 36.1 54.1#

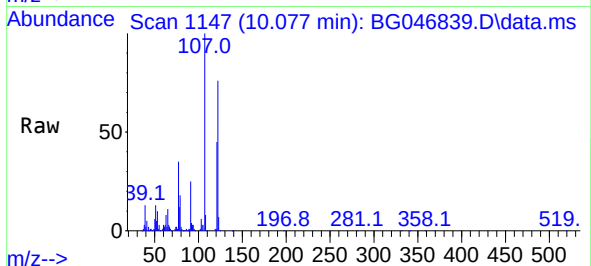






#27  
2,4-Dimethylphenol  
Concen: 37.48 ng  
RT: 10.077 min Scan# 1147  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

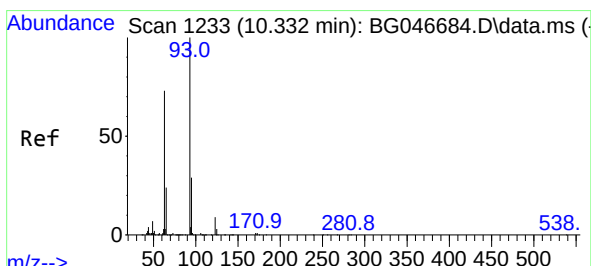
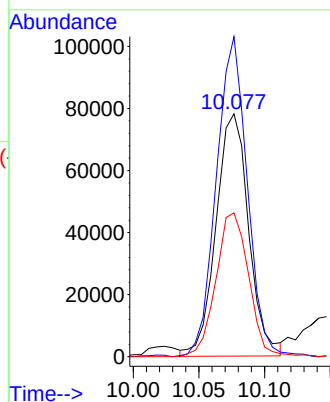
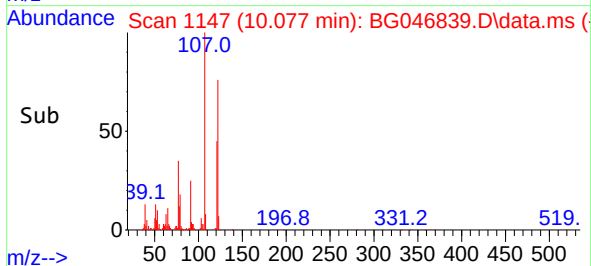
Instrument :  
BNA\_G  
ClientSampleId :  
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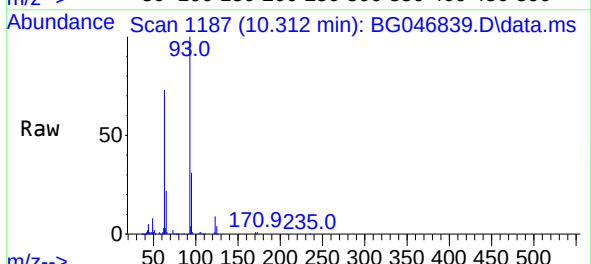
Tgt Ion:122 Resp: 135145  
Ion Ratio Lower Upper  
122 100  
107 131.8 89.2 133.8  
121 59.2 46.9 70.3

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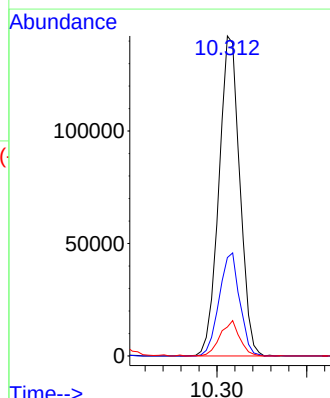
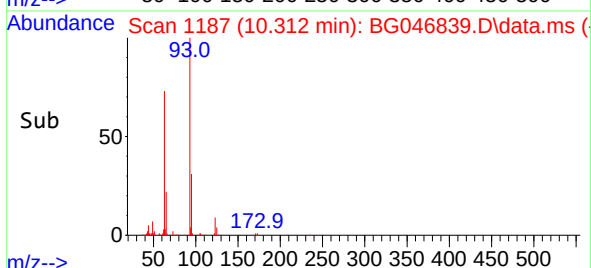
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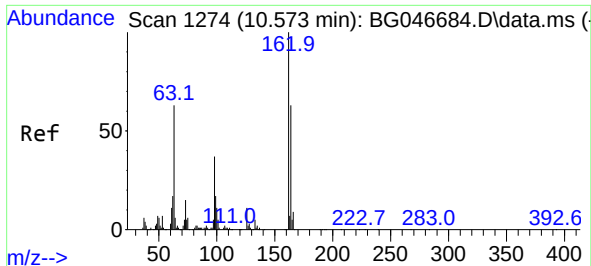


#28  
bis(2-Chloroethoxy)methane  
Concen: 37.25 ng  
RT: 10.312 min Scan# 1187  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

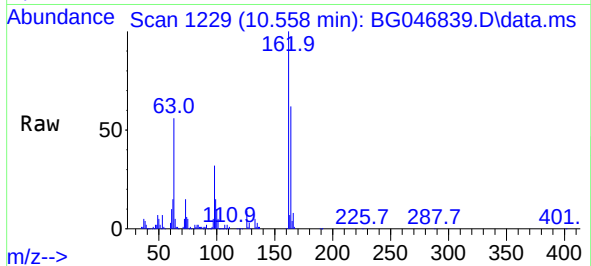


Tgt Ion: 93 Resp: 229288  
Ion Ratio Lower Upper  
93 100  
95 30.8 26.5 39.7  
123 9.0 9.4 14.0#

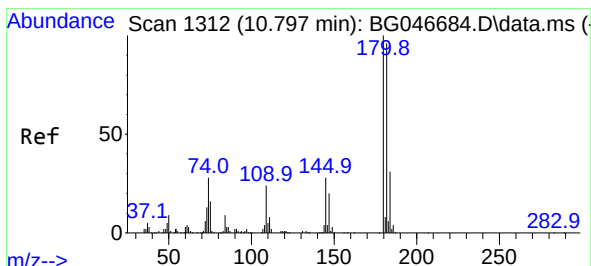
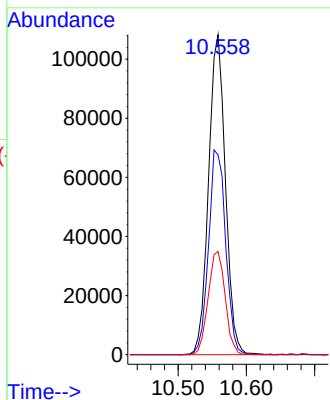
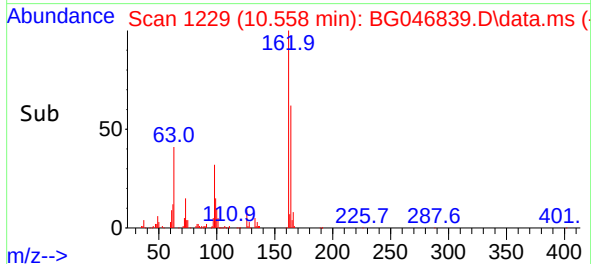




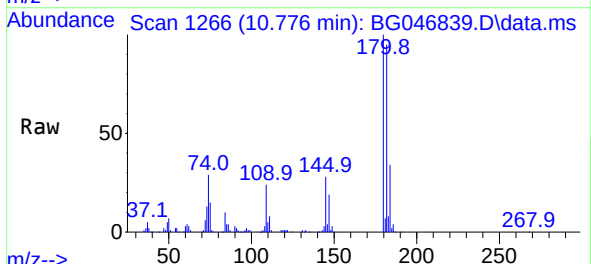
#29  
2,4-Dichlorophenol  
Concen: 42.87 ng  
RT: 10.558 min Scan# 1229  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



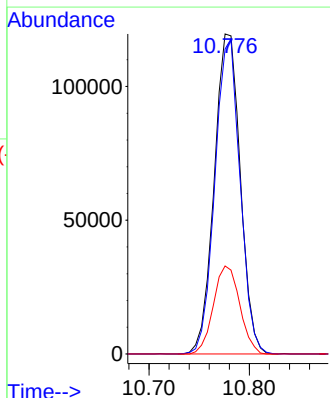
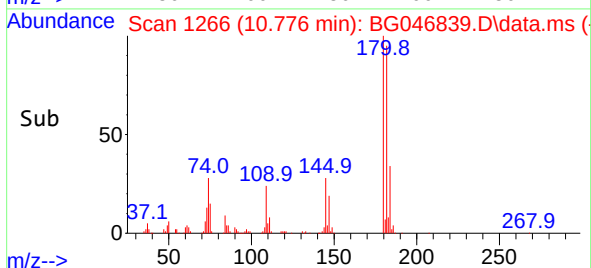
Tgt Ion:162 Resp: 185974  
Ion Ratio Lower Upper  
162 100  
164 62.4 45.6 85.6  
98 32.3 11.0 51.0



#30  
1,2,4-Trichlorobenzene  
Concen: 41.55 ng  
RT: 10.776 min Scan# 1266  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



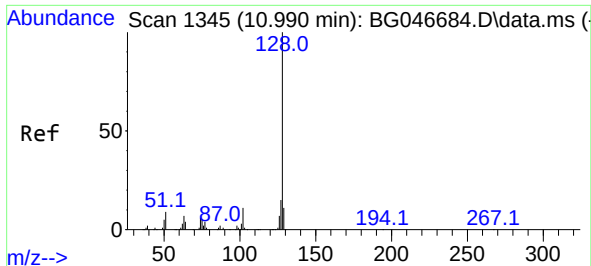
Tgt Ion:180 Resp: 215151  
Ion Ratio Lower Upper  
180 100  
182 95.3 76.9 115.3  
145 27.5 21.4 32.0



Instrument :  
BNA\_G  
ClientSampleId :  
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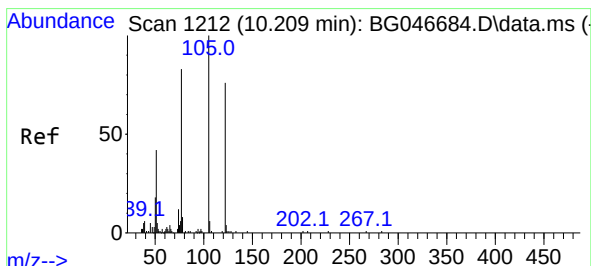
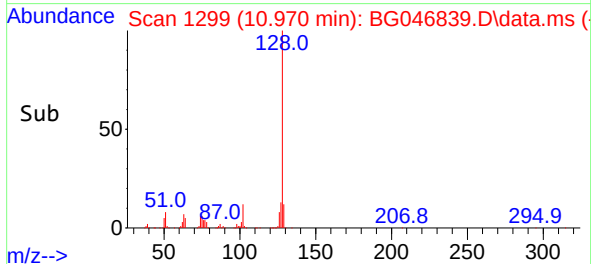
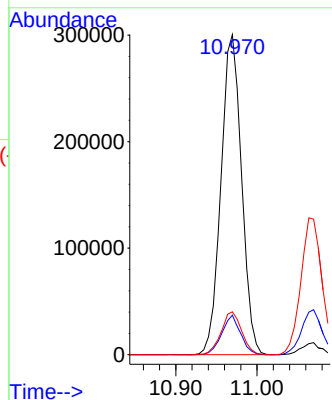
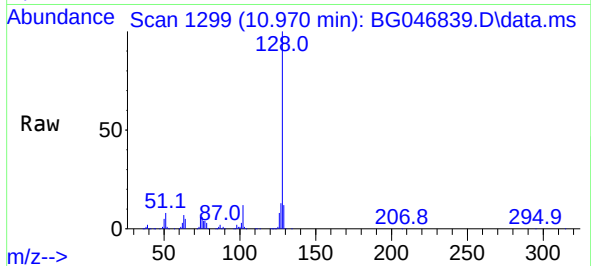
#31  
Naphthalene  
Concen: 40.10 ng  
RT: 10.970 min Scan# 1299  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:128 Resp: 528972  
Ion Ratio Lower Upper  
128 100  
129 12.4 9.0 13.6  
127 13.4 11.0 16.4

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

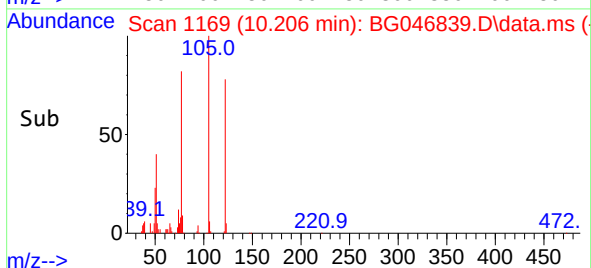
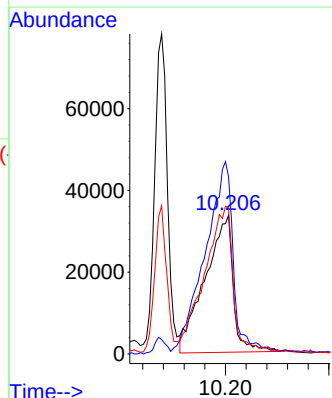
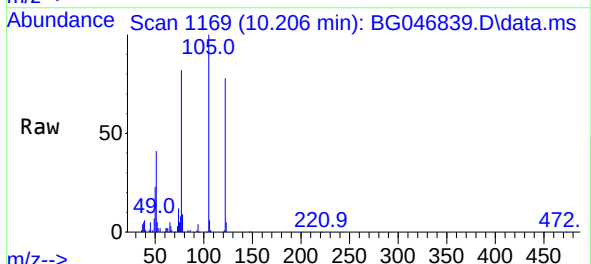
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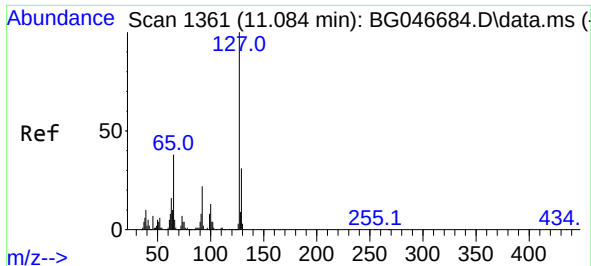
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#32  
Benzoic acid  
Concen: 49.94 ng  
RT: 10.206 min Scan# 1169  
Delta R.T. 0.012 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

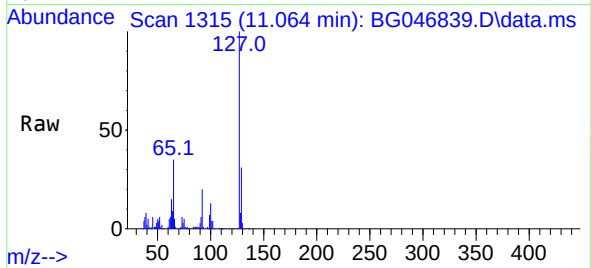
Tgt Ion:122 Resp: 126391  
Ion Ratio Lower Upper  
122 100  
105 128.0 103.7 143.7  
77 105.2 63.0 103.0#





#33  
4-Chloroaniline  
Concen: 39.48 ng  
RT: 11.064 min Scan# 1315  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

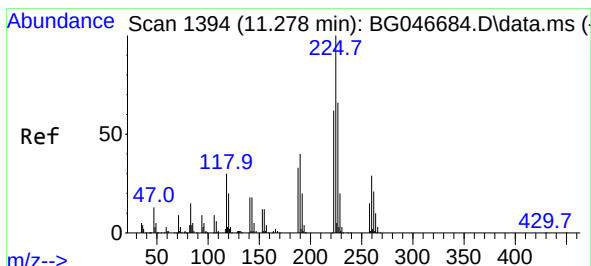
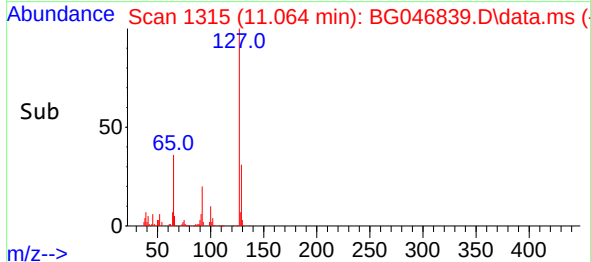
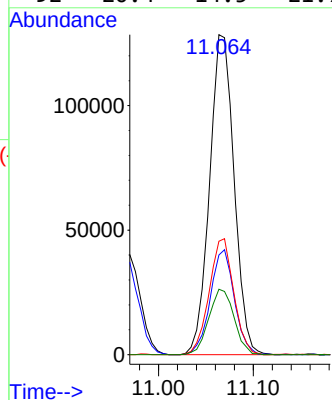


Tgt Ion:127 Resp: 230691

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 31.2  | 26.8  | 40.2  |
| 65  | 35.5  | 23.8  | 35.6  |
| 92  | 20.4  | 14.5  | 21.7  |

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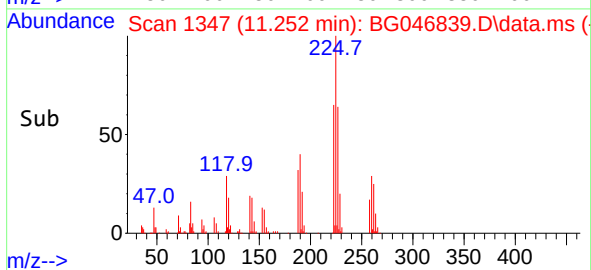
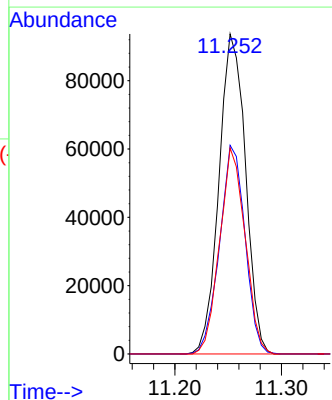
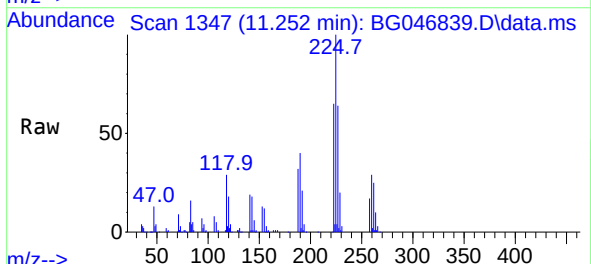
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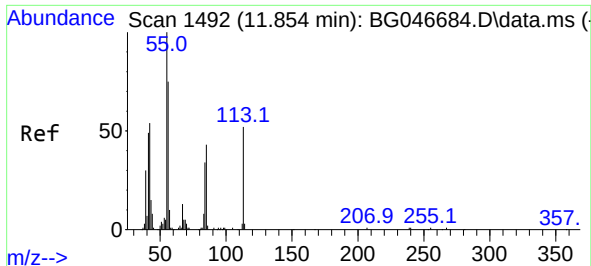


#34  
Hexachlorobutadiene  
Concen: 42.60 ng  
RT: 11.252 min Scan# 1347  
Delta R.T. -0.011 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:225 Resp: 161735

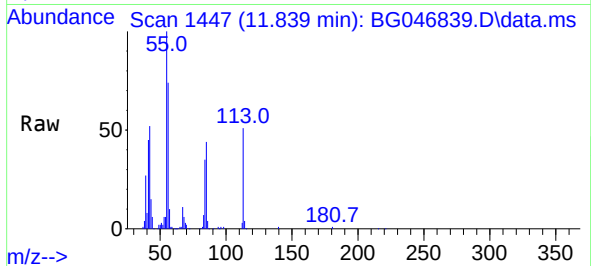
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 68.7  | 49.5  | 74.3  |
| 227 | 66.8  | 52.0  | 78.0  |





#35  
Caprolactam  
Concen: 40.97 ng  
RT: 11.839 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

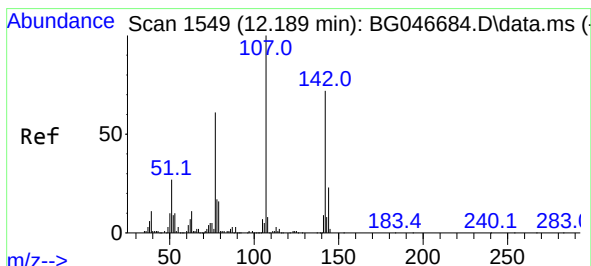
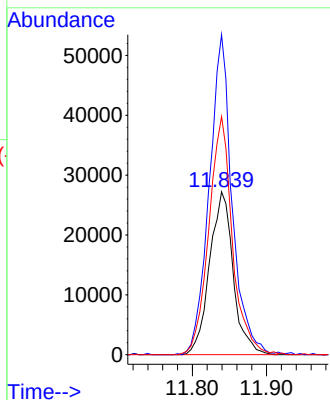
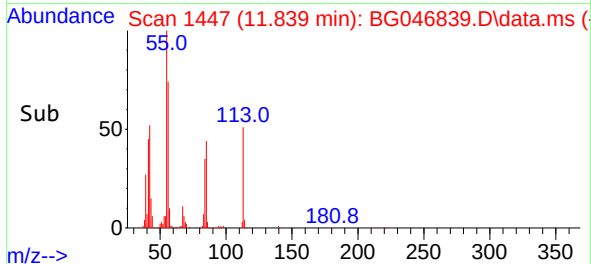
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



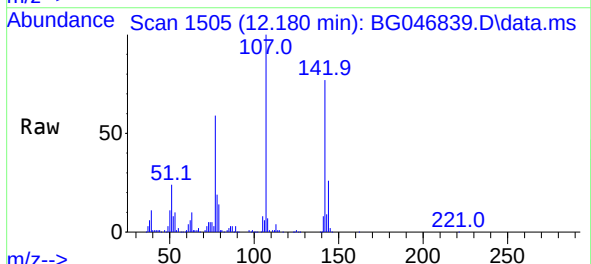
Tgt Ion:113 Resp: 60186  
Ion Ratio Lower Upper  
113 100  
55 196.4 149.2 189.2#  
56 146.2 107.2 147.2

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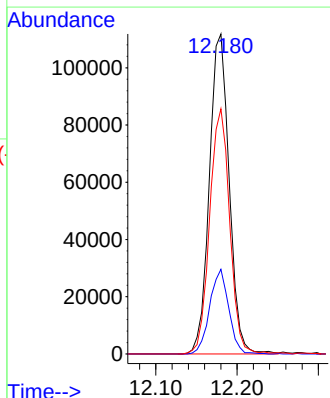
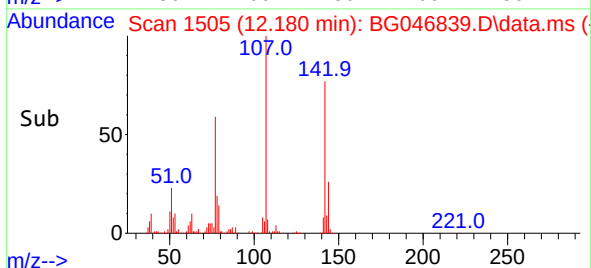
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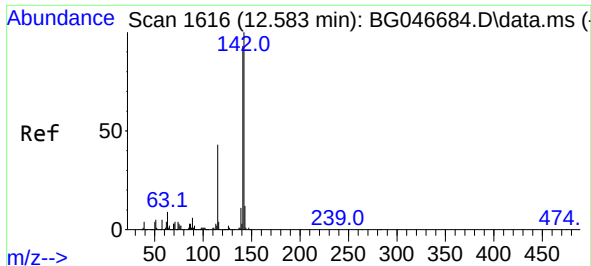


#36  
4-Chloro-3-methylphenol  
Concen: 40.64 ng  
RT: 12.180 min Scan# 1505  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



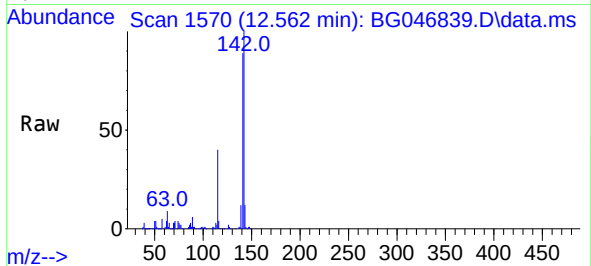
Tgt Ion:107 Resp: 189512  
Ion Ratio Lower Upper  
107 100  
144 26.4 22.5 33.7  
142 76.6 70.8 106.2





#37  
2-Methylnaphthalene  
Concen: 39.91 ng  
RT: 12.562 min Scan# 1570  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

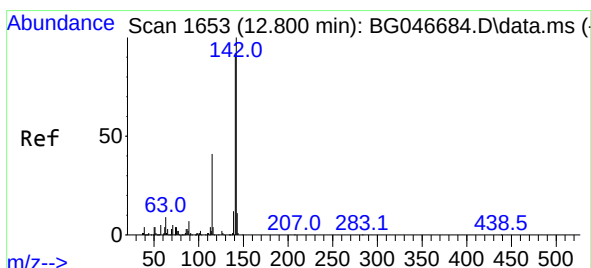
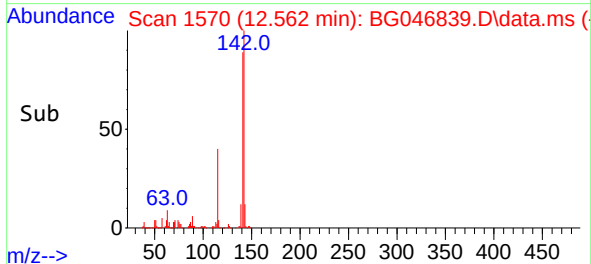
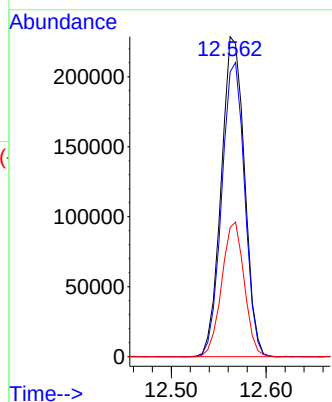
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



Tgt Ion:142 Resp: 390277  
Ion Ratio Lower Upper  
142 100  
141 88.9 71.6 107.4  
115 40.4 25.4 38.2#

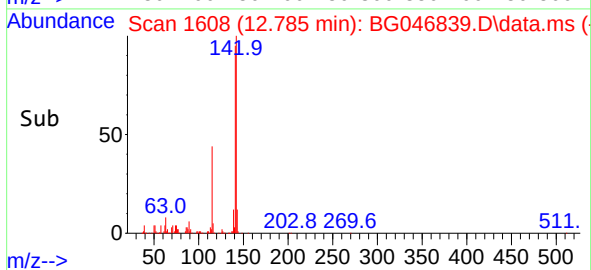
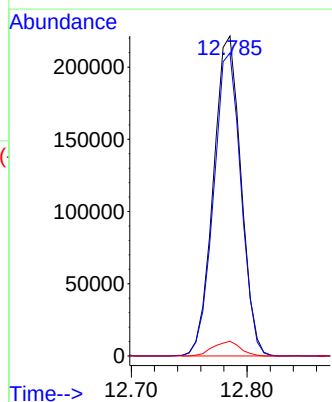
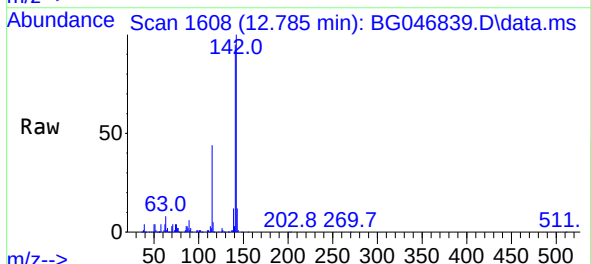
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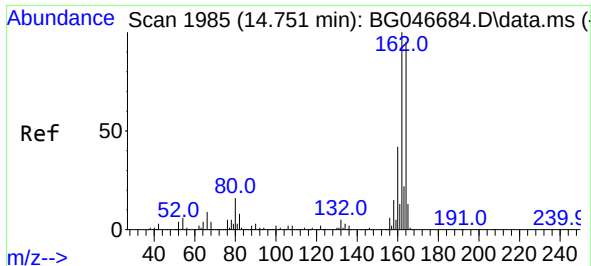
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#38  
1-Methylnaphthalene  
Concen: 40.35 ng m  
RT: 12.785 min Scan# 1608  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

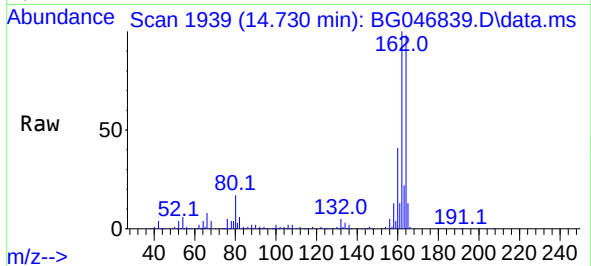
Tgt Ion:142 Resp: 366308  
Ion Ratio Lower Upper  
142 100  
141 94.7 75.4 113.2  
116 4.6 2.9 4.3#





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.730 min Scan# 1939  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

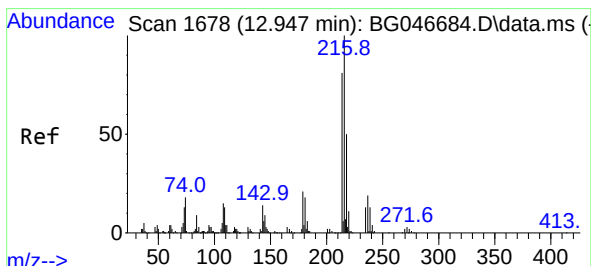
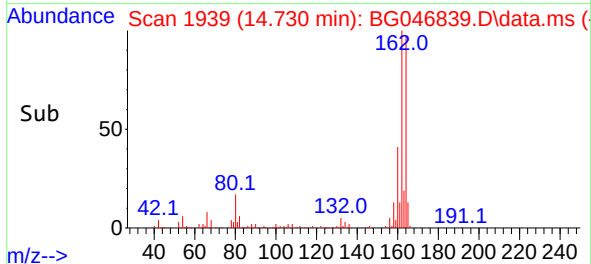
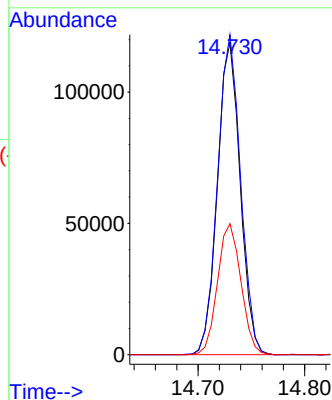
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



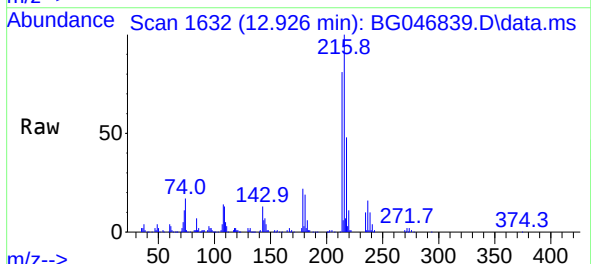
Tgt Ion:164 Resp: 176301  
Ion Ratio Lower Upper  
164 100  
162 102.5 82.3 123.5  
160 42.0 35.3 52.9

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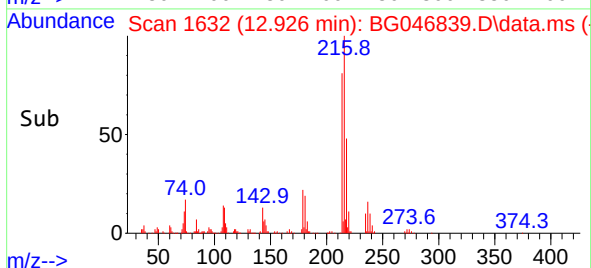
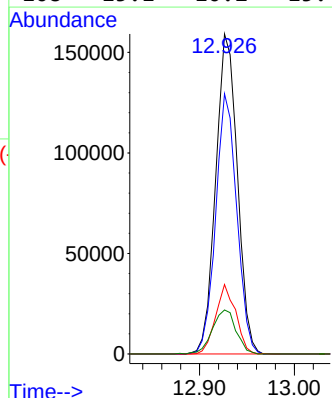
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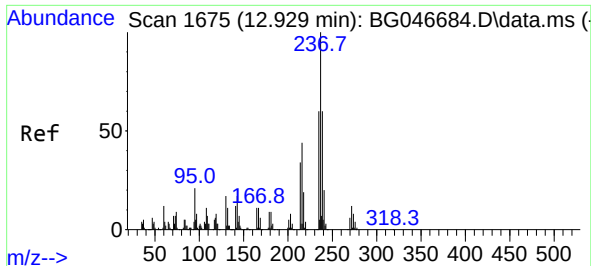


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.88 ng  
RT: 12.926 min Scan# 1632  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



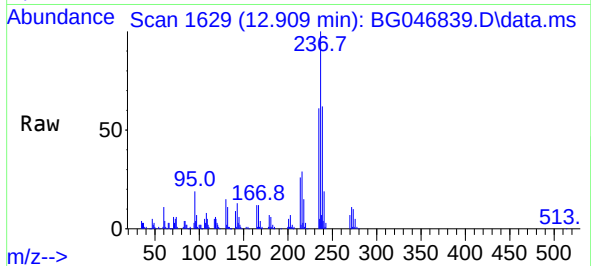
Tgt Ion:216 Resp: 252765  
Ion Ratio Lower Upper  
216 100  
214 79.1 61.9 92.9  
179 20.2 14.8 22.2  
108 15.1 10.2 15.4





#41  
Hexachlorocyclopentadiene  
Concen: 34.39 ng  
RT: 12.909 min Scan# 1629  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

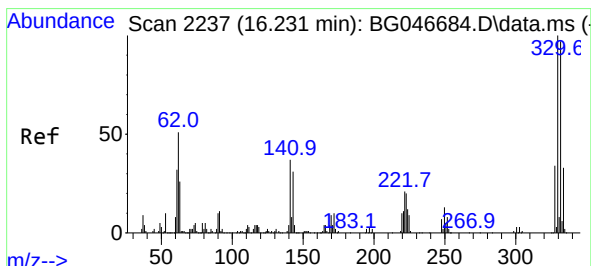
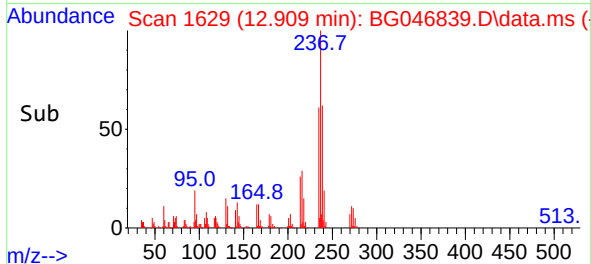
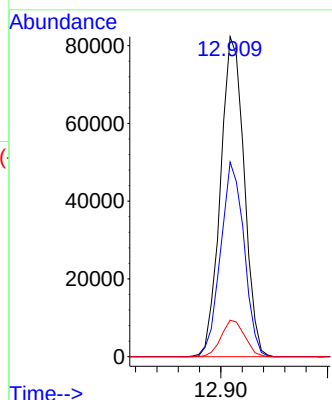
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



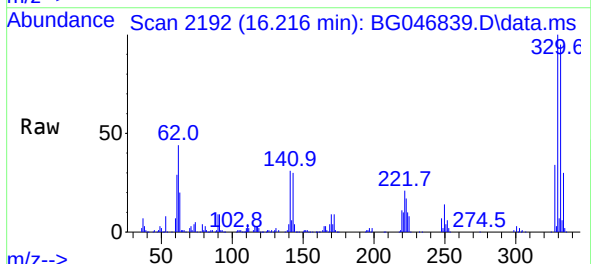
Tgt Ion:237 Resp: 126792  
Ion Ratio Lower Upper  
237 100  
235 60.8 43.1 83.1  
272 11.4 0.0 33.1

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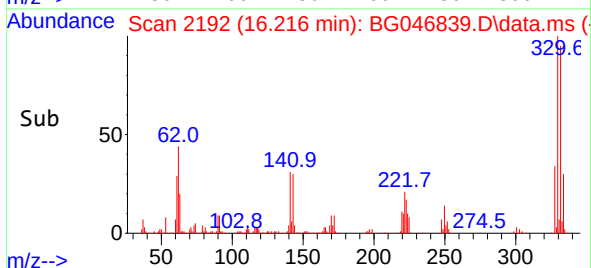
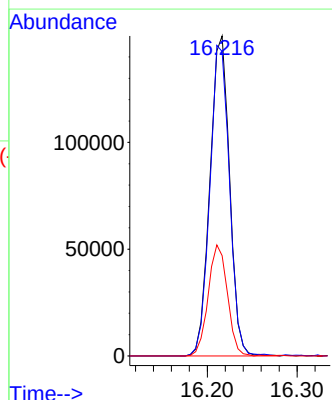
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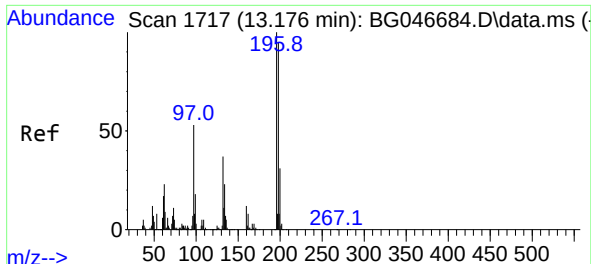
#42  
2,4,6-Tribromophenol  
Concen: 97.44 ng  
RT: 16.216 min Scan# 2192  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



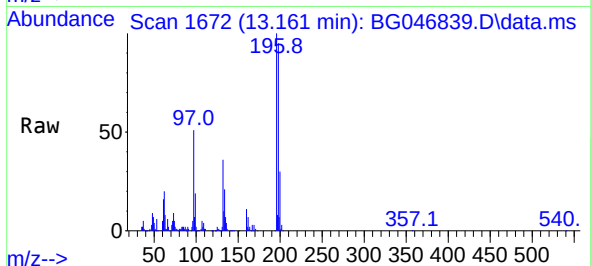
Tgt Ion:330 Resp: 226510  
Ion Ratio Lower Upper  
330 100  
332 97.4 76.5 114.7  
141 34.1 26.0 39.0



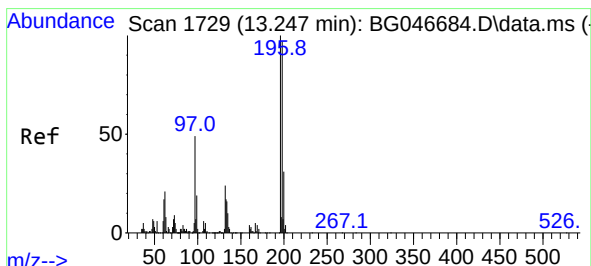
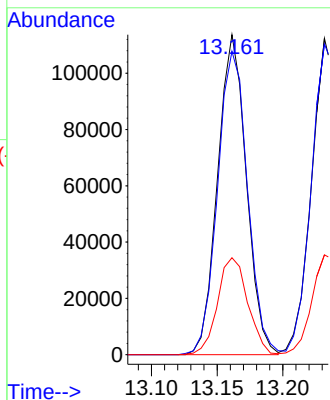
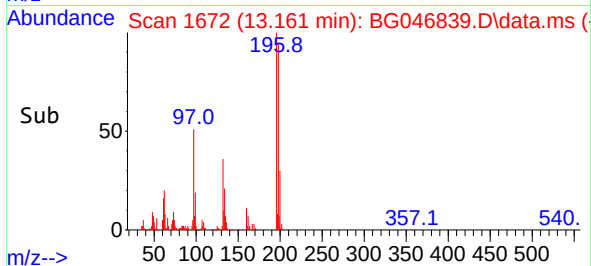




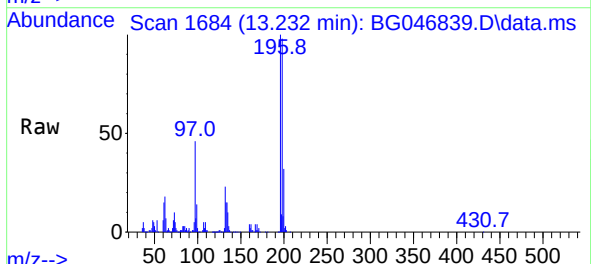
#43  
2,4,6-Trichlorophenol  
Concen: 43.38 ng  
RT: 13.161 min Scan# 1672  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



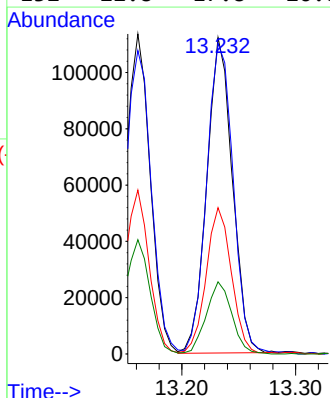
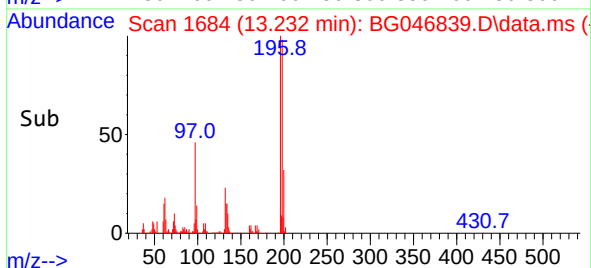
Tgt Ion:196 Resp: 172899  
Ion Ratio Lower Upper  
196 100  
198 94.8 74.9 112.3  
200 30.3 25.3 37.9



#44  
2,4,5-Trichlorophenol  
Concen: 43.78 ng  
RT: 13.232 min Scan# 1684  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



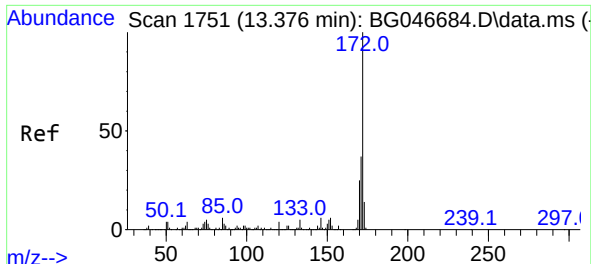
Tgt Ion:196 Resp: 175597  
Ion Ratio Lower Upper  
196 100  
198 98.2 77.6 116.4  
97 46.2 28.6 43.0#  
132 22.8 17.8 26.8



Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

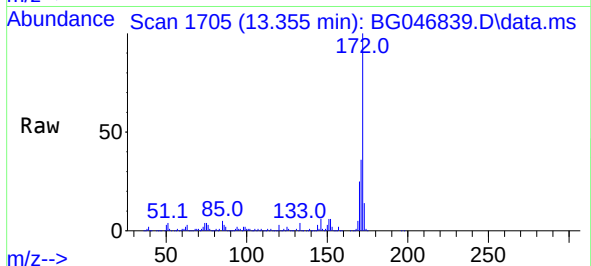
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#45  
2-Fluorobiphenyl  
Concen: 76.99 ng  
RT: 13.355 min Scan# 1705  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

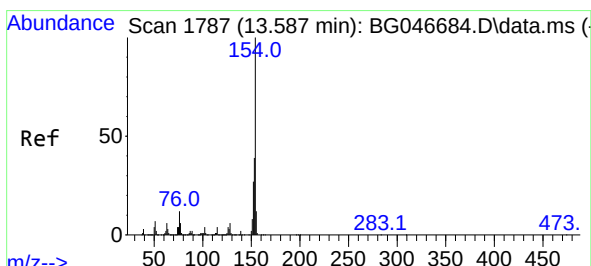
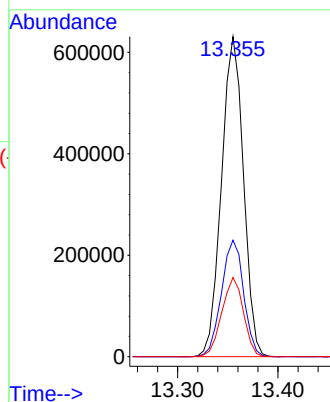
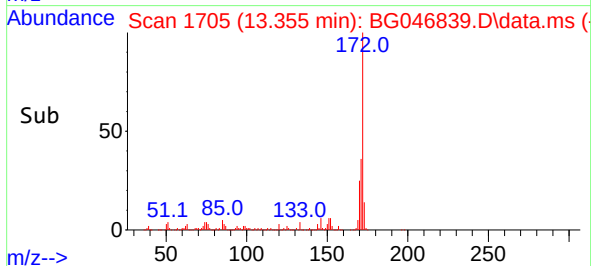
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



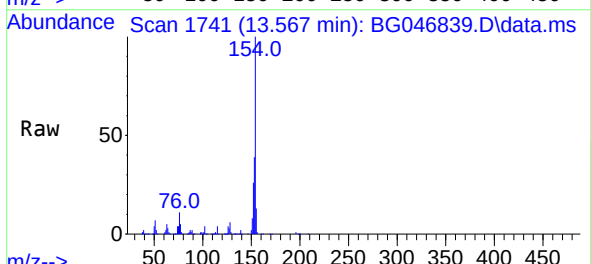
Tgt Ion:172 Resp: 958747  
Ion Ratio Lower Upper  
172 100  
171 36.4 31.3 46.9  
170 24.8 20.8 31.2

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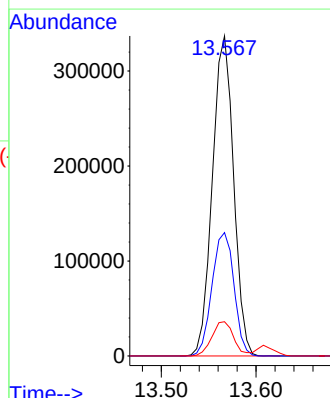
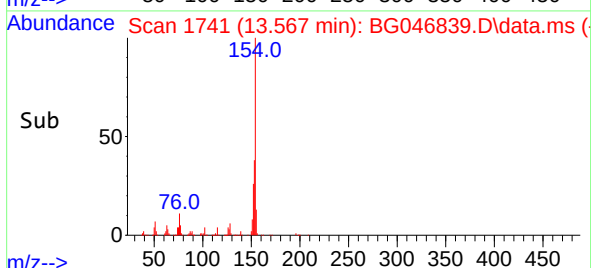
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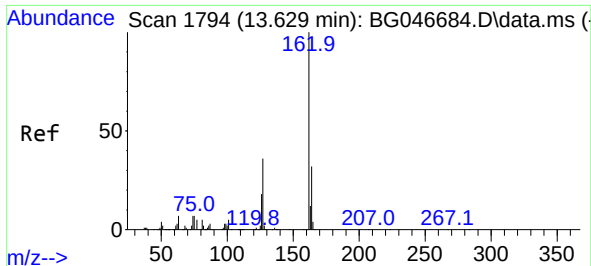


#46  
1,1'-Biphenyl  
Concen: 38.58 ng  
RT: 13.567 min Scan# 1741  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

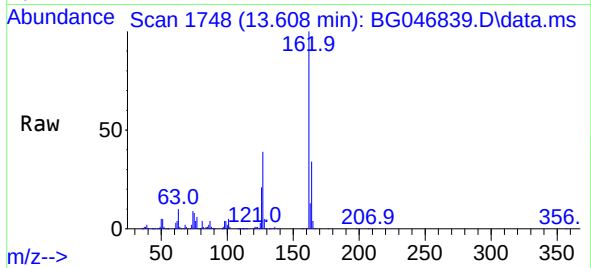


Tgt Ion:154 Resp: 522997  
Ion Ratio Lower Upper  
154 100  
153 38.5 22.6 62.6  
76 10.7 0.0 32.6

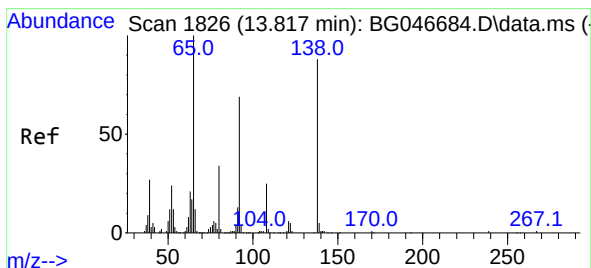
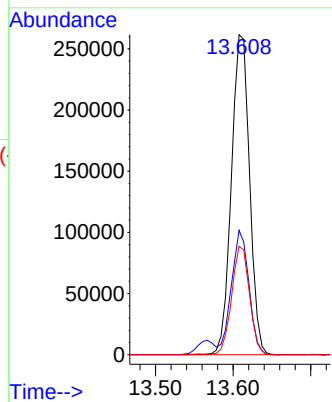
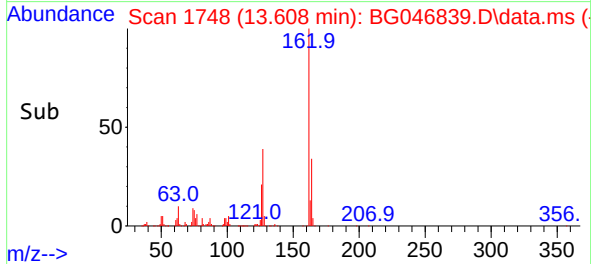




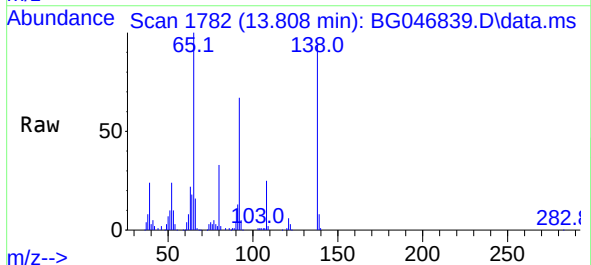
#47  
2-Chloronaphthalene  
Concen: 38.66 ng  
RT: 13.608 min Scan# 1748  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



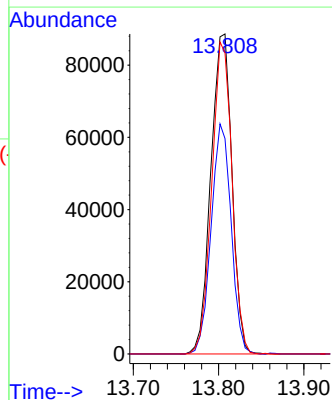
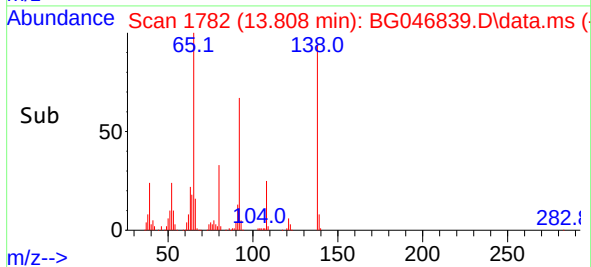
Tgt Ion:162 Resp: 425805  
Ion Ratio Lower Upper  
162 100  
127 38.9 27.8 41.6  
164 33.9 27.0 40.4



#48  
2-Nitroaniline  
Concen: 52.05 ng  
RT: 13.808 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



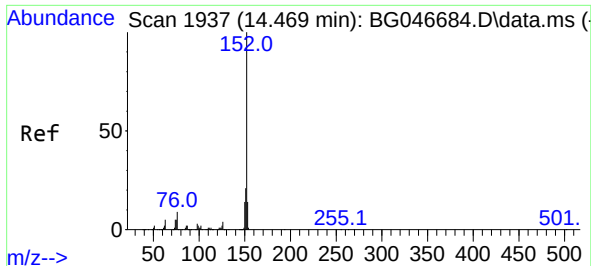
Tgt Ion: 65 Resp: 152198  
Ion Ratio Lower Upper  
65 100  
92 67.3 58.6 88.0  
138 94.0 98.2 147.4#



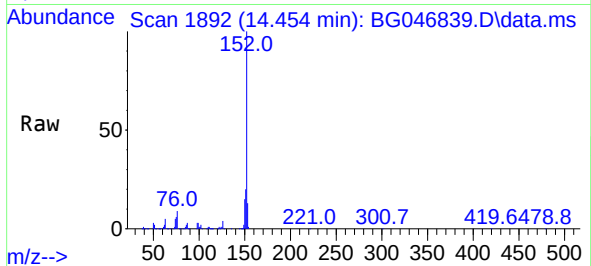
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

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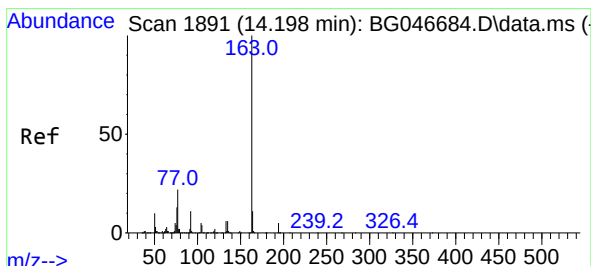
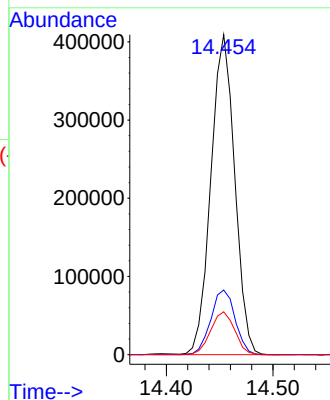
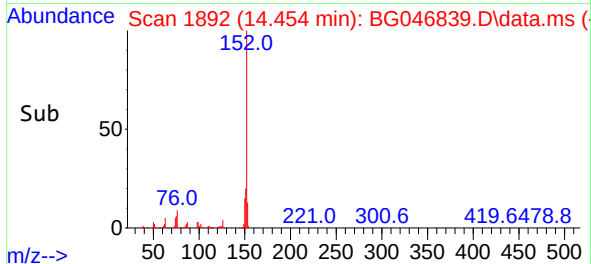
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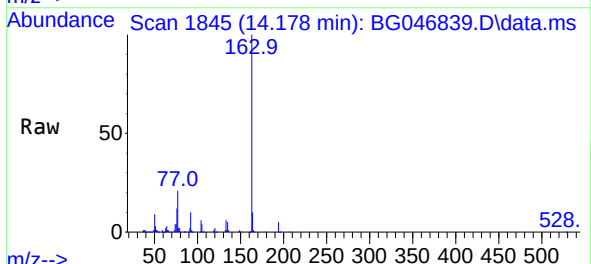
#49  
Acenaphthylene  
Concen: 39.11 ng  
RT: 14.454 min Scan# 1892  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



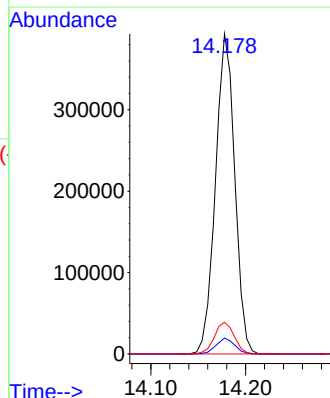
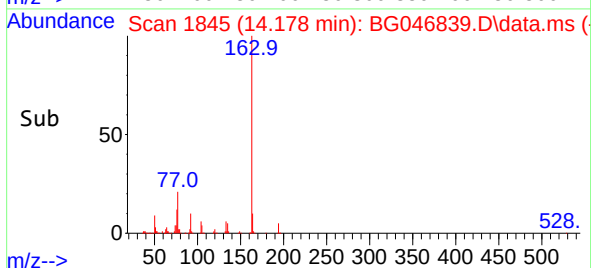
Tgt Ion:152 Resp: 633910  
Ion Ratio Lower Upper  
152 100  
151 20.2 17.4 26.0  
153 13.4 11.5 17.3



#50  
Dimethylphthalate  
Concen: 39.40 ng  
RT: 14.178 min Scan# 1845  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



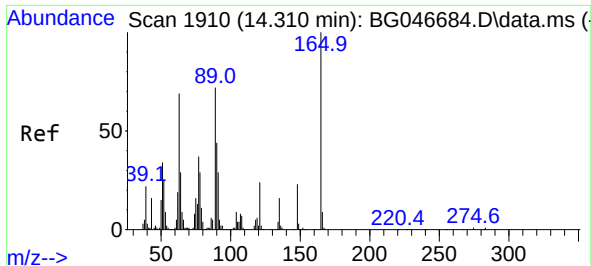
Tgt Ion:163 Resp: 554868  
Ion Ratio Lower Upper  
163 100  
194 5.0 3.8 5.8  
164 9.9 8.8 13.2



Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

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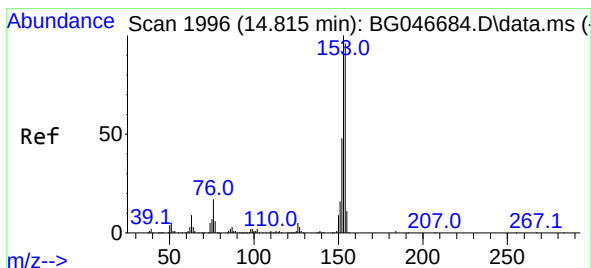
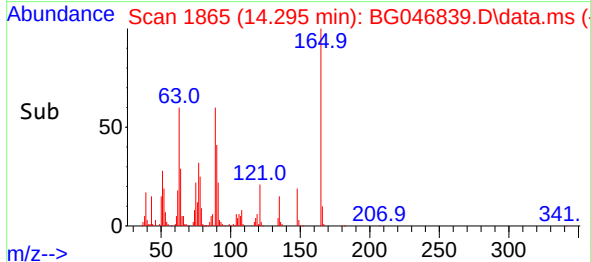
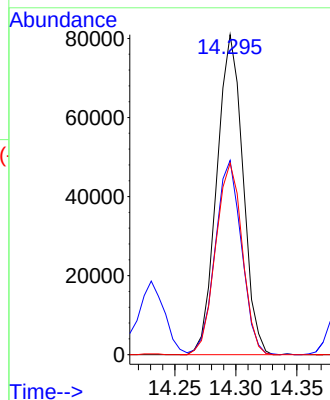
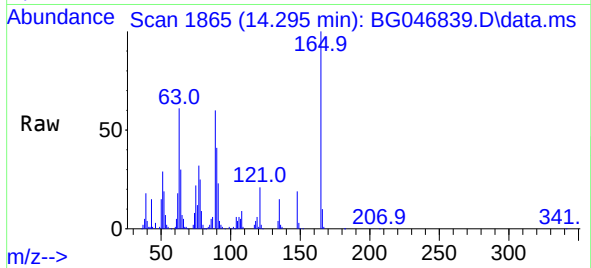
#51  
2,6-Dinitrotoluene  
Concen: 52.74 ng  
RT: 14.295 min Scan# 1865  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:165 Resp: 120705  
Ion Ratio Lower Upper  
165 100  
63 60.7 33.7 50.5#  
89 59.9 36.6 54.8#

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

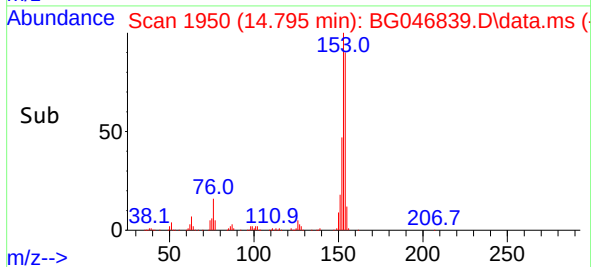
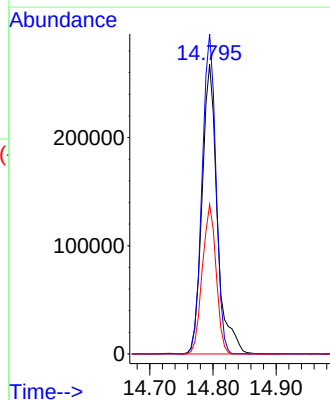
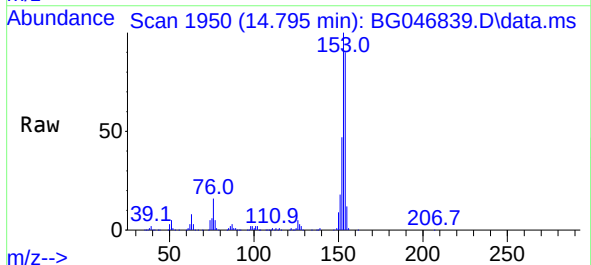
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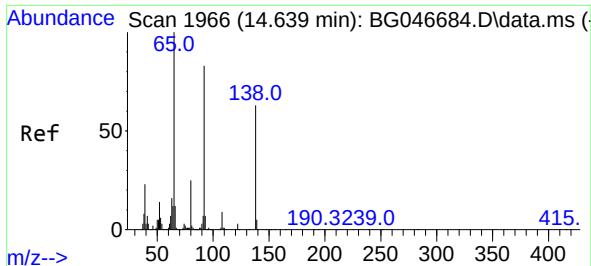
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#52  
Acenaphthene  
Concen: 40.57 ng  
RT: 14.795 min Scan# 1950  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

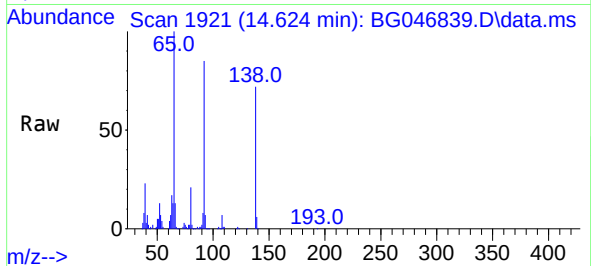
Tgt Ion:154 Resp: 446636  
Ion Ratio Lower Upper  
154 100  
153 110.5 90.3 135.5  
152 51.6 43.8 65.8





#53  
3-Nitroaniline  
Concen: 50.95 ng  
RT: 14.624 min Scan# 1921  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

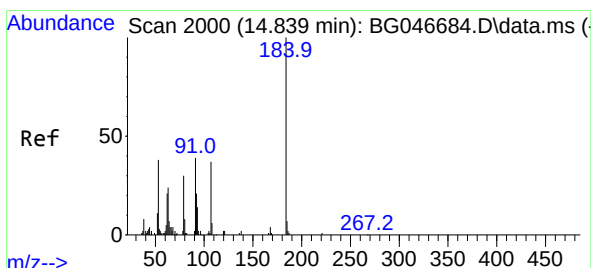
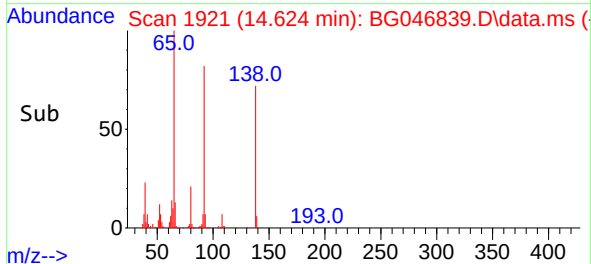
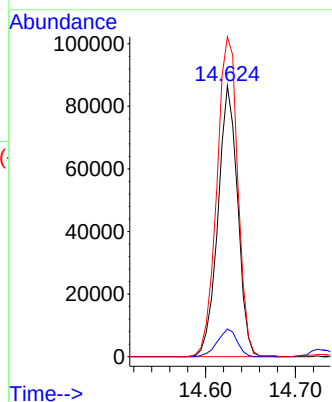
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



Tgt Ion:138 Resp: 131763  
Ion Ratio Lower Upper  
138 100  
108 10.2 7.4 11.0  
92 118.1 85.2 127.8

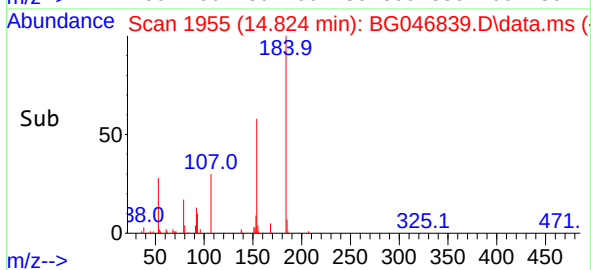
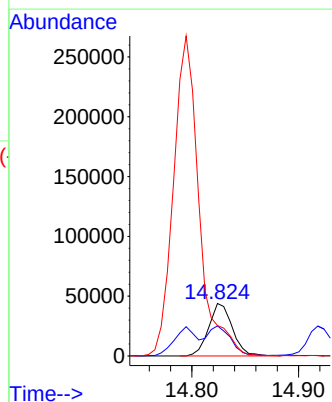
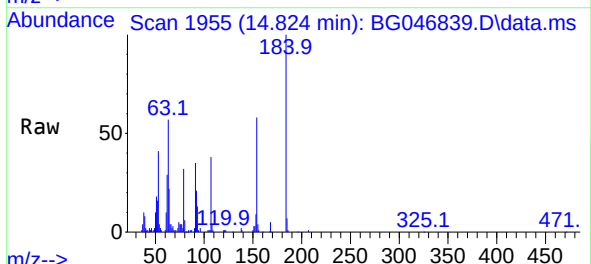
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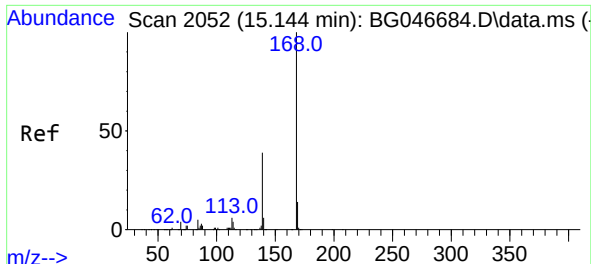
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#54  
2,4-Dinitrophenol  
Concen: 54.33 ng  
RT: 14.824 min Scan# 1955  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

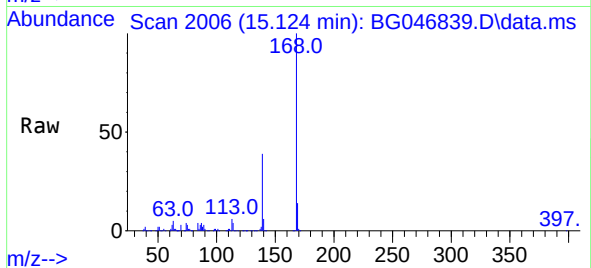
Tgt Ion:184 Resp: 67905  
Ion Ratio Lower Upper  
184 100  
63 57.2 32.3 48.5#  
154 58.1 40.4 60.6





#55  
Dibenzenofuran  
Concen: 39.75 ng  
RT: 15.124 min Scan# 2006  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

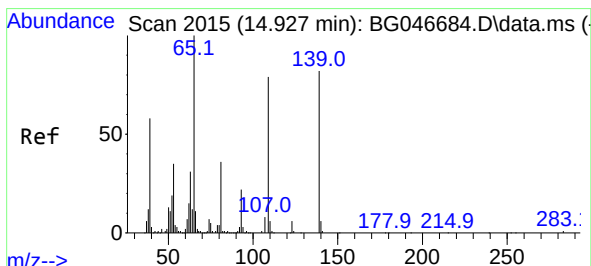
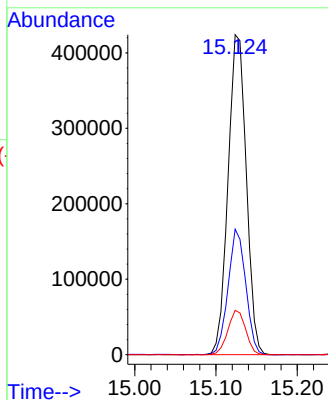
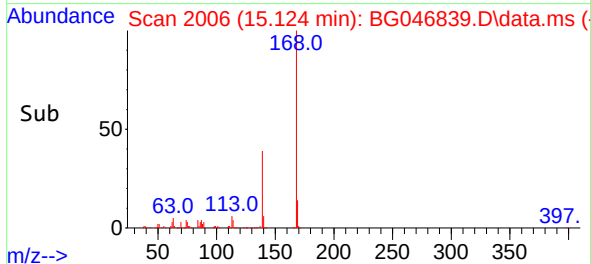
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



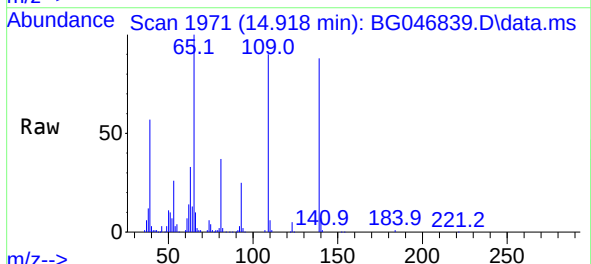
Tgt Ion:168 Resp: 660725  
Ion Ratio Lower Upper  
168 100  
139 39.2 28.6 43.0  
169 13.9 11.0 16.6

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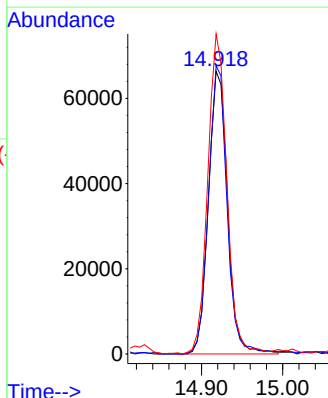
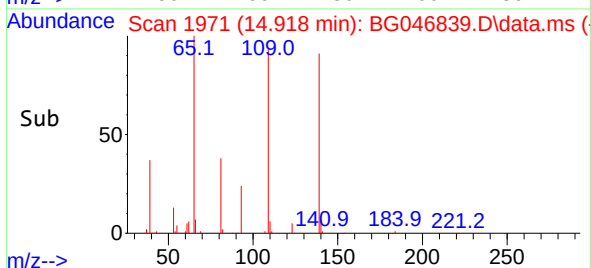
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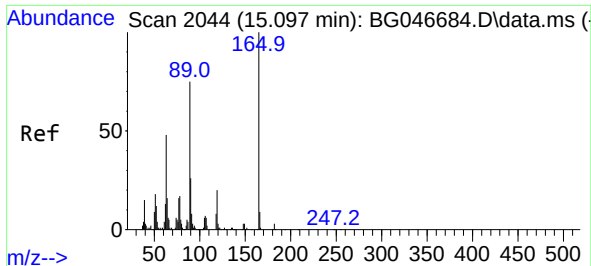


#56  
4-Nitrophenol  
Concen: 51.00 ng  
RT: 14.918 min Scan# 1971  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



Tgt Ion:139 Resp: 108629  
Ion Ratio Lower Upper  
139 100  
109 101.9 45.9 85.9#  
65 113.2 65.4 105.4#





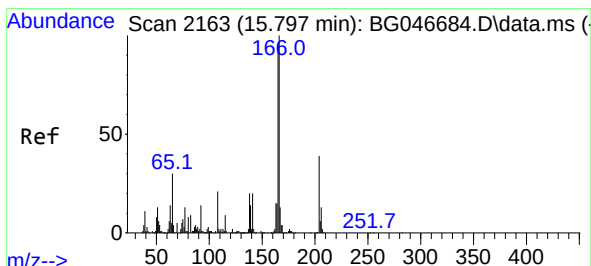
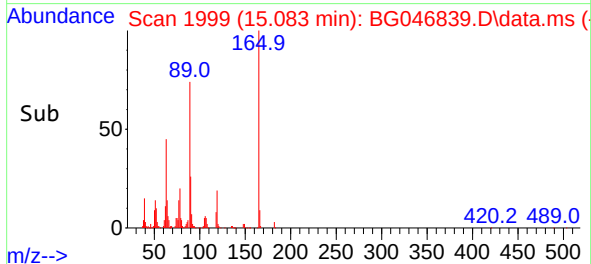
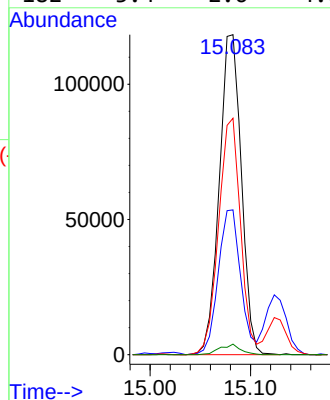
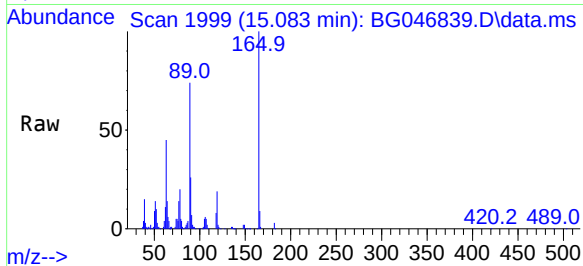
#57  
2,4-Dinitrotoluene  
Concen: 59.59 ng  
RT: 15.083 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:165 Resp: 180579  
Ion Ratio Lower Upper  
165 100  
63 45.2 26.4 39.6#  
89 73.9 47.8 71.8#  
182 3.4 2.6 4.0

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

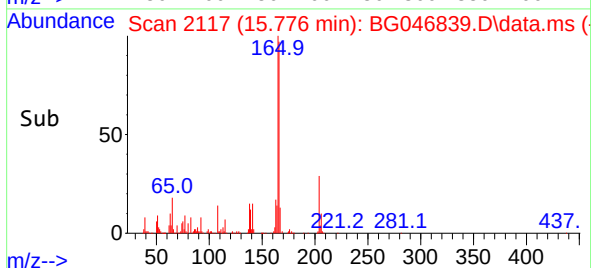
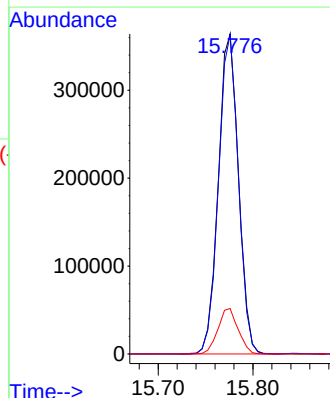
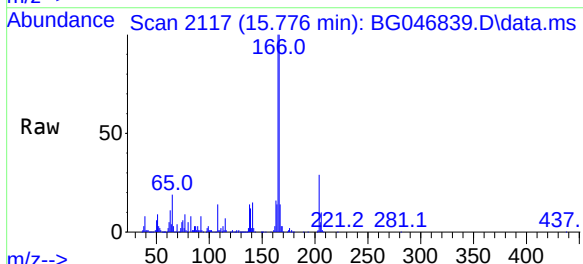
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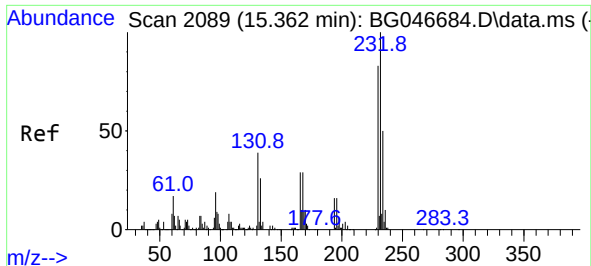


#58  
Fluorene  
Concen: 40.40 ng  
RT: 15.776 min Scan# 2117  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:166 Resp: 537705  
Ion Ratio Lower Upper  
166 100  
165 99.8 77.2 115.8  
167 14.2 11.4 17.2

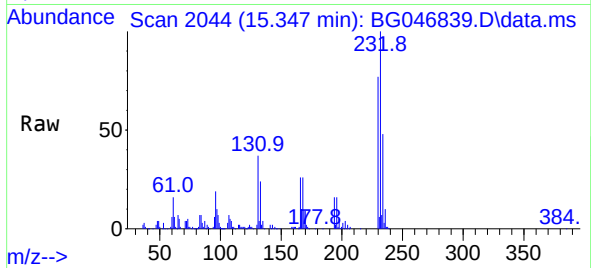






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.59 ng  
RT: 15.347 min Scan# 2044  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

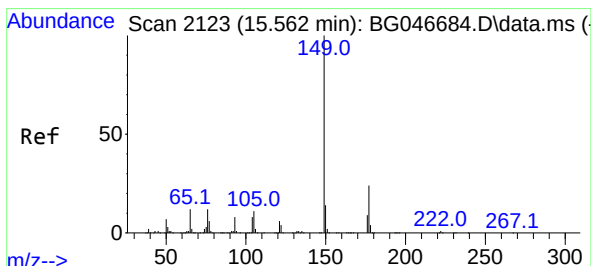
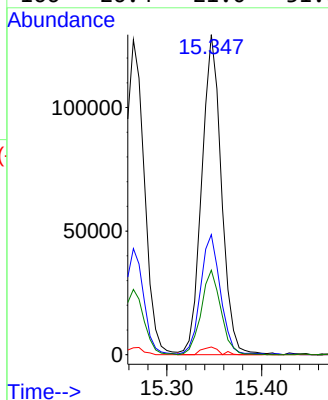
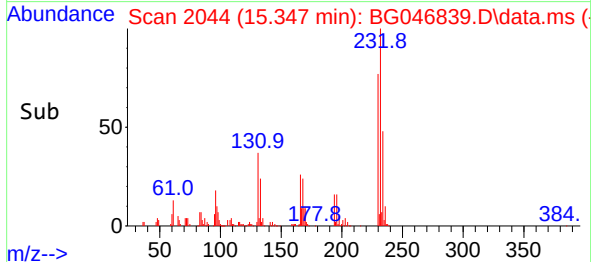
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



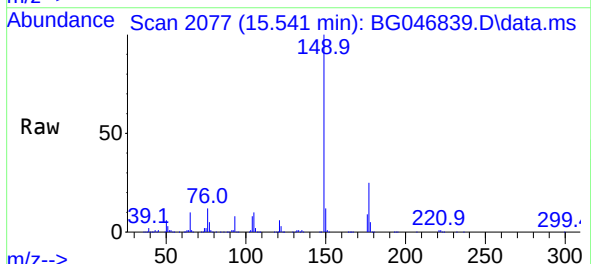
Tgt Ion:232 Resp: 186805  
Ion Ratio Lower Upper  
232 100  
131 38.0 26.6 40.0  
130 2.1 1.4 2.0#  
166 26.4 21.0 31.6

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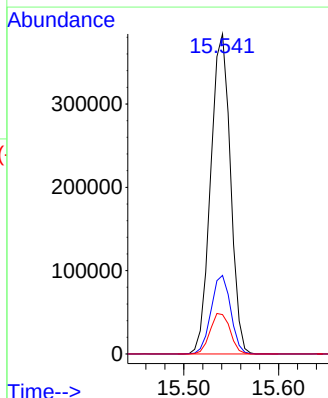
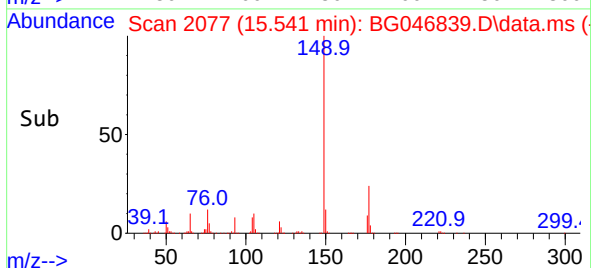
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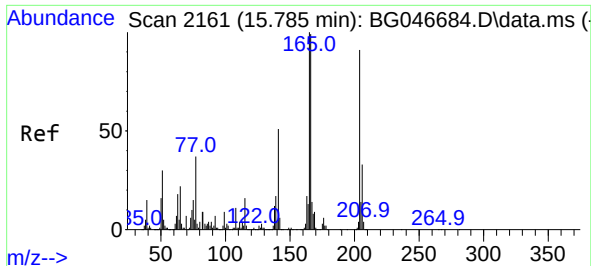


#60  
Diethylphthalate  
Concen: 39.19 ng  
RT: 15.541 min Scan# 2077  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



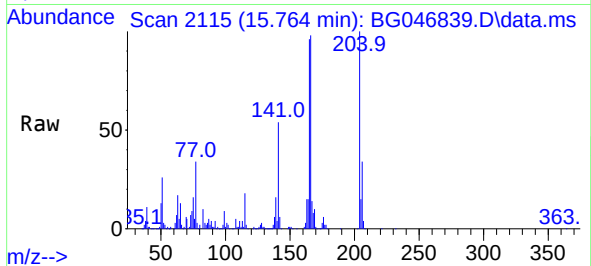
Tgt Ion:149 Resp: 554901  
Ion Ratio Lower Upper  
149 100  
177 24.5 21.4 32.2  
150 12.3 10.7 16.1





#61  
4-Chlorophenyl-phenylether  
Concen: 41.55 ng  
RT: 15.764 min Scan# 2115  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

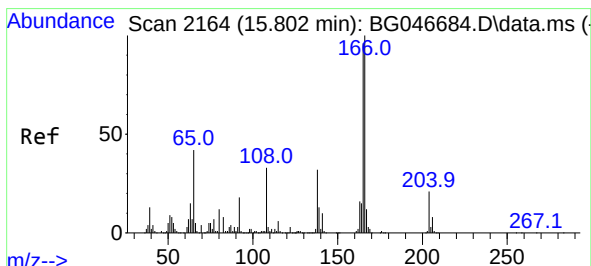
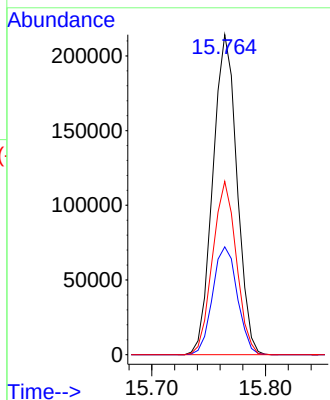
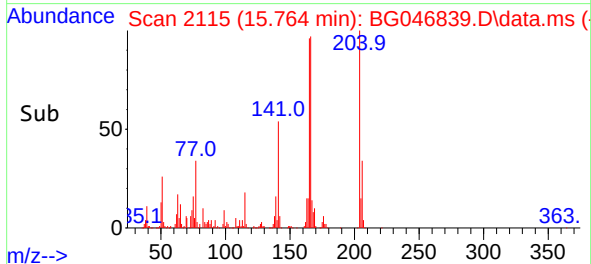
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



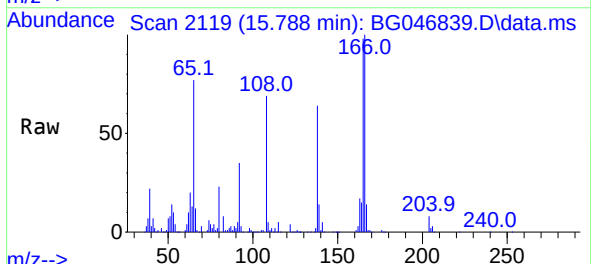
Tgt Ion:204 Resp: 315706  
Ion Ratio Lower Upper  
204 100  
206 33.7 27.8 41.8  
141 54.1 41.5 62.3

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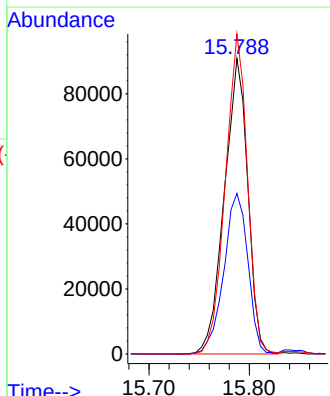
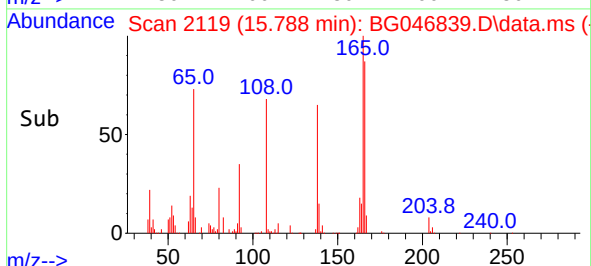
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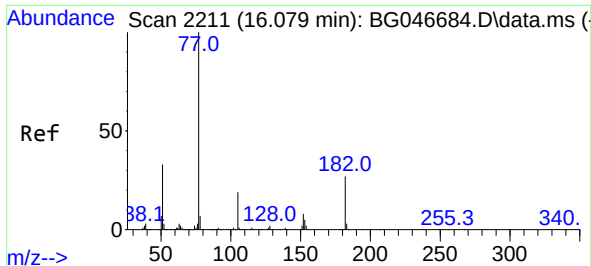


#62  
4-Nitroaniline  
Concen: 51.27 ng  
RT: 15.788 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



Tgt Ion:138 Resp: 147211  
Ion Ratio Lower Upper  
138 100  
92 54.3 26.9 66.9  
108 108.4 49.4 89.4#





#63  
Azobenzene  
Concen: 36.41 ng  
RT: 16.058 min Scan# 2165  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

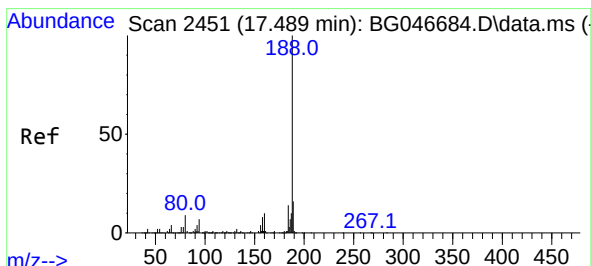
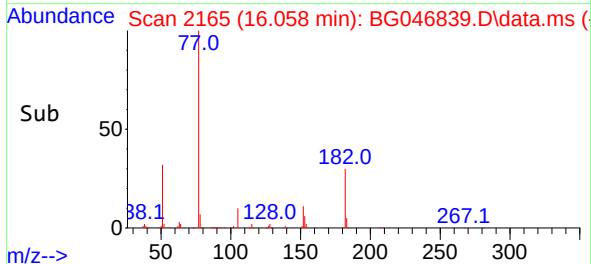
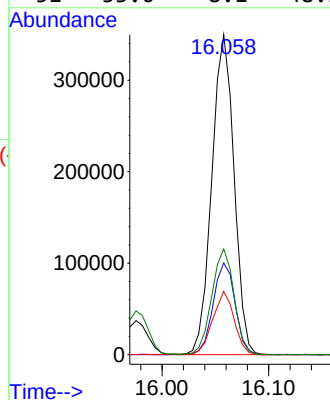
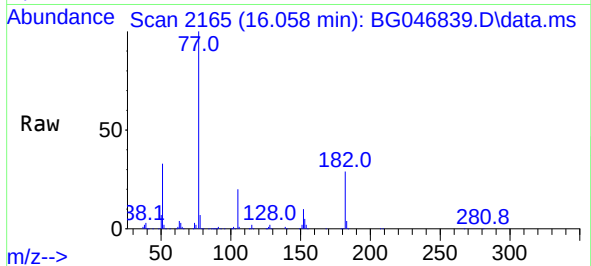
Tgt Ion: 77 Resp: 506772

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 28.6  | 14.0  | 54.0  |
| 105 | 19.8  | 3.0   | 43.0  |
| 51  | 33.0  | 8.1   | 48.1  |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

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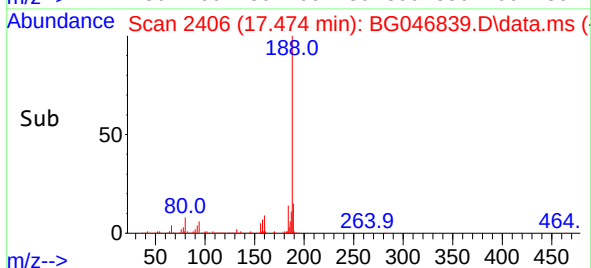
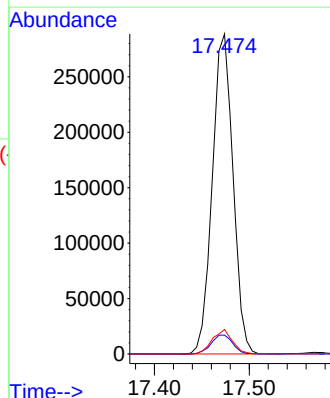
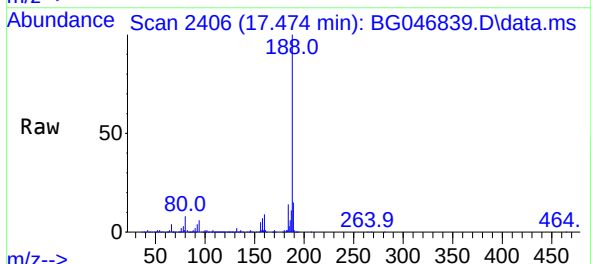
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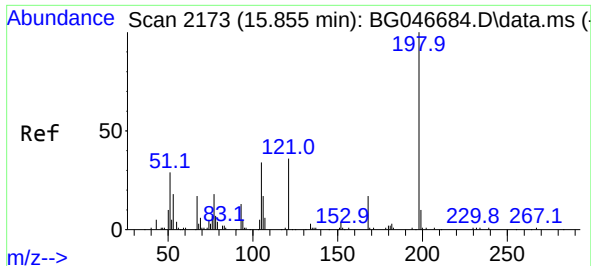


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.474 min Scan# 2406  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion: 188 Resp: 438034

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 5.9   | 6.3   | 9.5   |
| 80  | 7.6   | 7.0   | 10.6  |





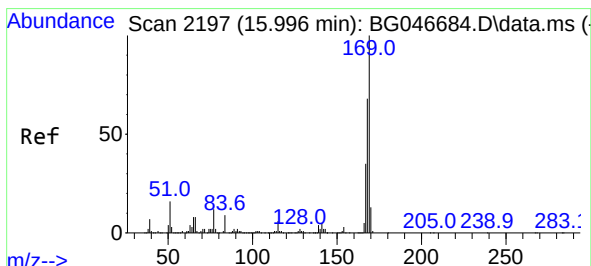
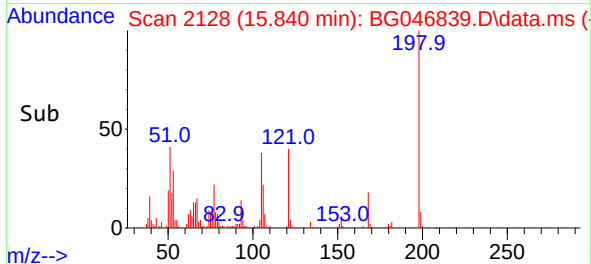
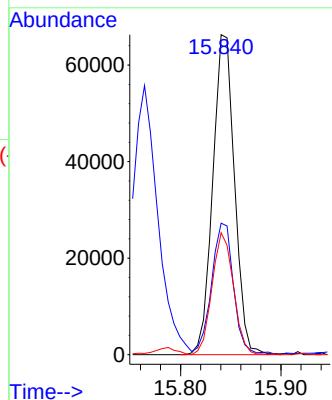
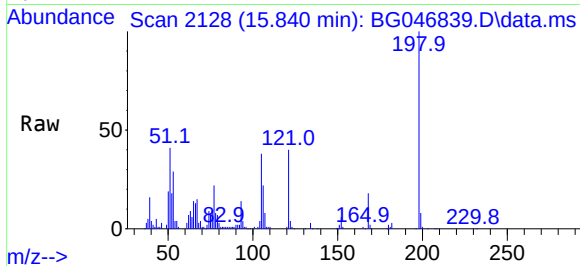
#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.98 ng  
RT: 15.840 min Scan# 2128  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:198 Resp: 99956  
Ion Ratio Lower Upper  
198 100  
51 41.1 10.4 50.4  
105 38.1 12.9 52.9

Instrument :  
BNA\_G  
ClientSampleId :  
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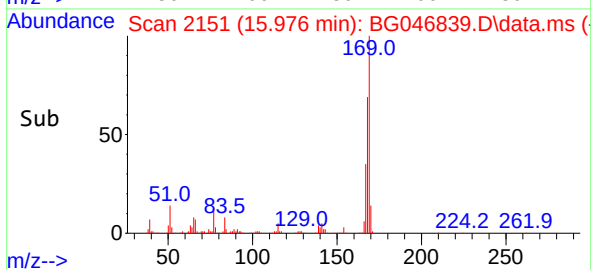
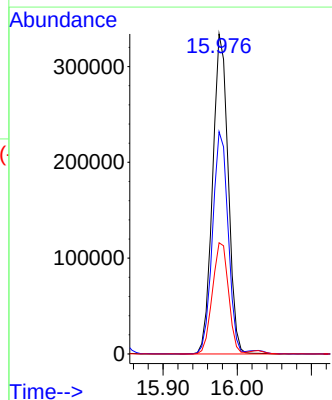
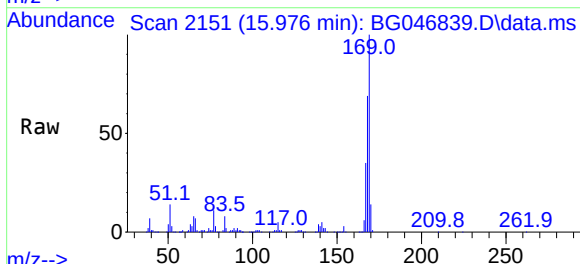
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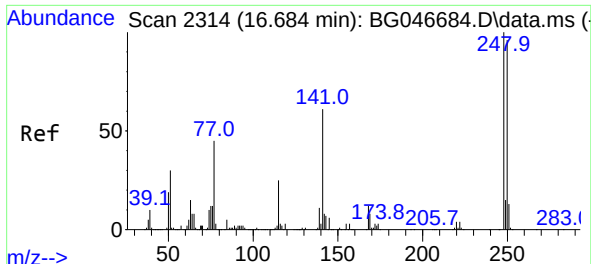
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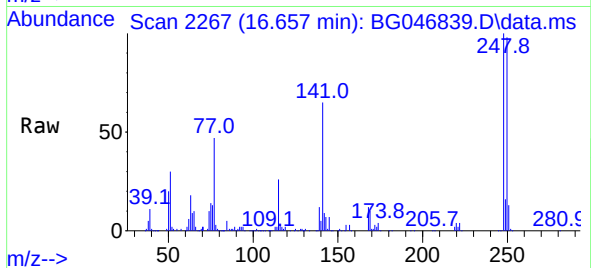
#66  
n-Nitrosodiphenylamine  
Concen: 36.91 ng  
RT: 15.976 min Scan# 2151  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:169 Resp: 485691  
Ion Ratio Lower Upper  
169 100  
168 69.5 55.5 83.3  
167 34.7 30.5 45.7

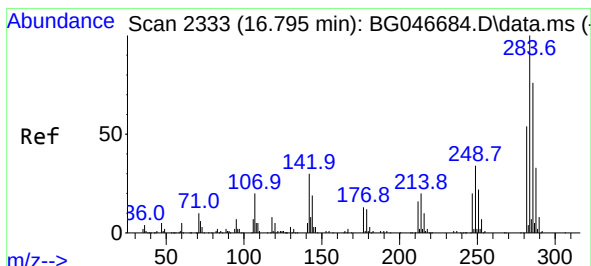
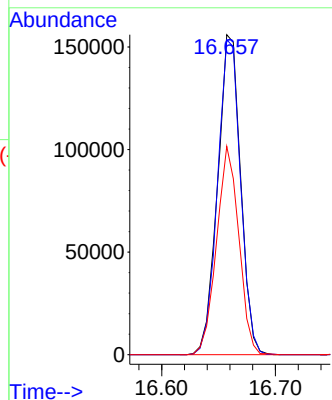
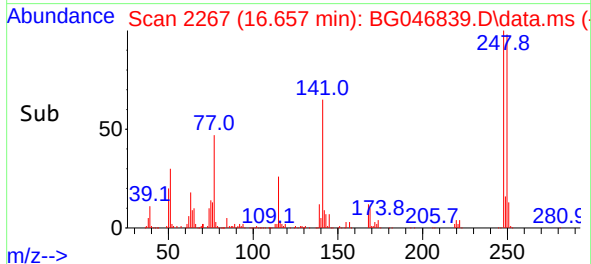




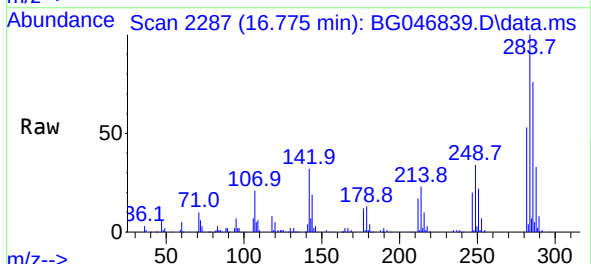
#67  
4-Bromophenyl-phenylether  
Concen: 39.54 ng  
RT: 16.657 min Scan# 2267  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



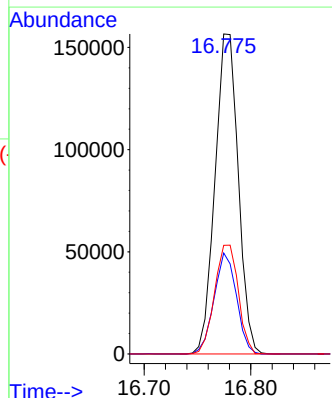
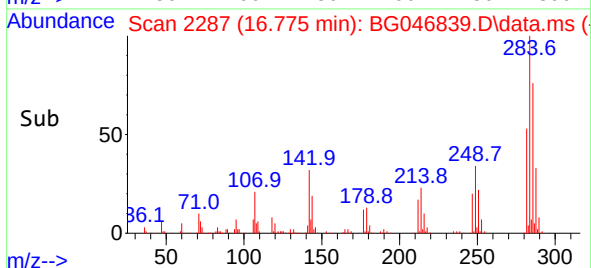
Tgt Ion:248 Resp: 218863  
Ion Ratio Lower Upper  
248 100  
250 98.4 78.9 118.3  
141 65.1 46.2 69.4



#68  
Hexachlorobenzene  
Concen: 39.72 ng  
RT: 16.775 min Scan# 2287  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



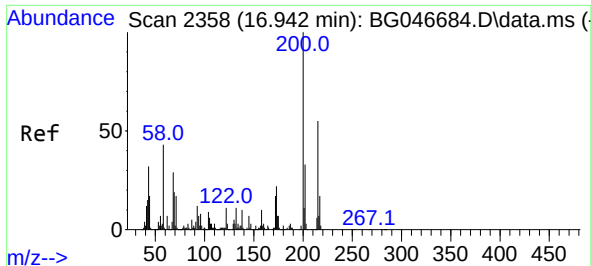
Tgt Ion:284 Resp: 236527  
Ion Ratio Lower Upper  
284 100  
142 31.5 21.1 31.7  
249 36.9 25.9 38.9



Instrument :  
BNA\_G  
ClientSampleId :  
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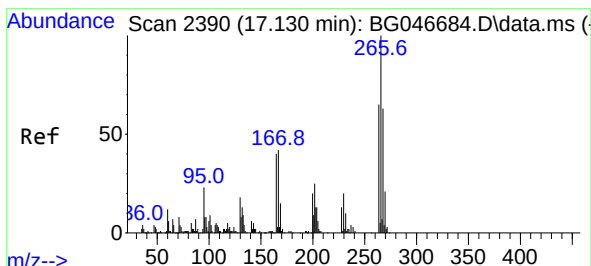
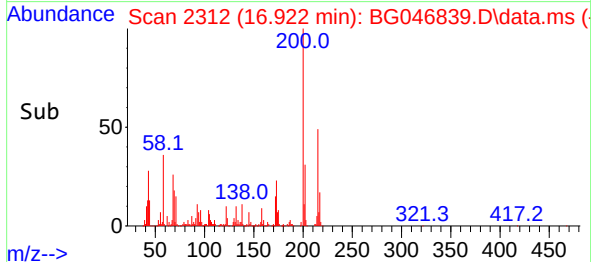
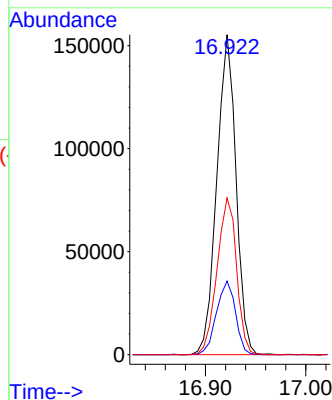
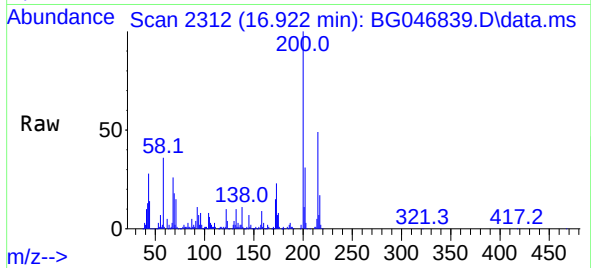
#69  
Atrazine  
Concen: 39.02 ng  
RT: 16.922 min Scan# 2312  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:200 Resp: 206288  
Ion Ratio Lower Upper  
200 100  
173 23.0 4.2 44.2  
215 49.0 30.0 70.0

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

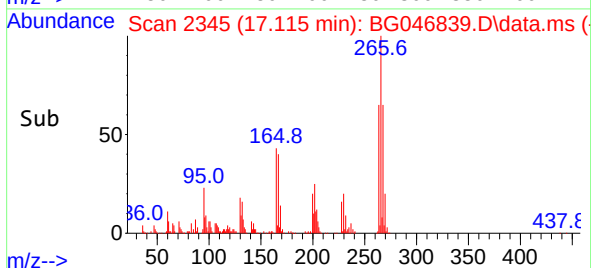
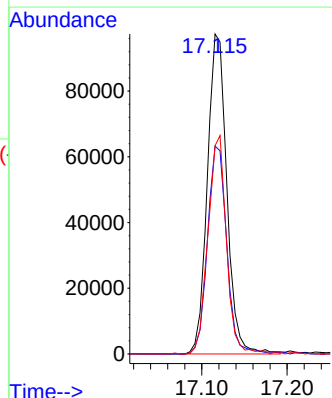
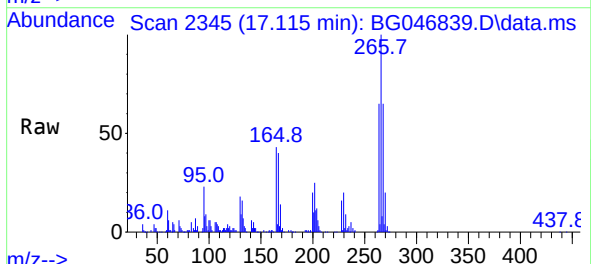
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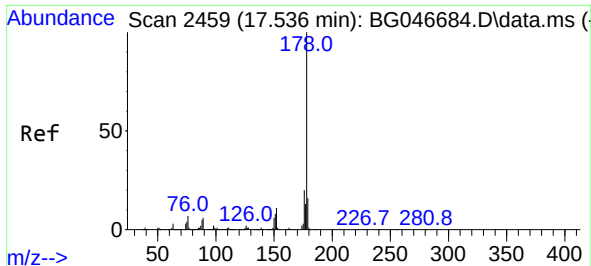
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#70  
Pentachlorophenol  
Concen: 45.04 ng  
RT: 17.115 min Scan# 2345  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:266 Resp: 154815  
Ion Ratio Lower Upper  
266 100  
268 68.7 49.8 74.6  
264 69.3 49.3 73.9





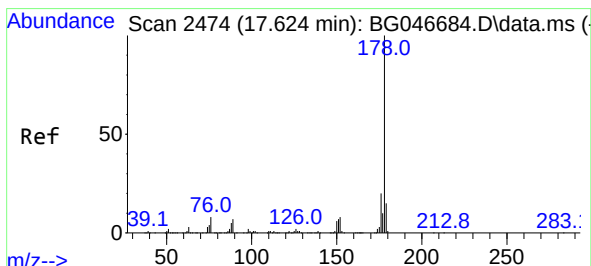
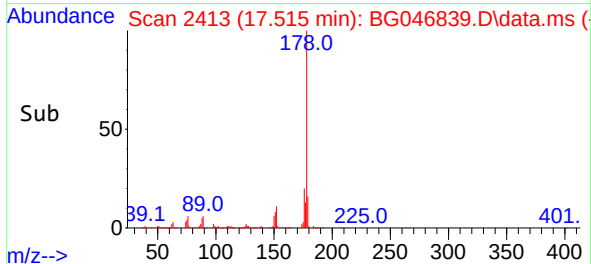
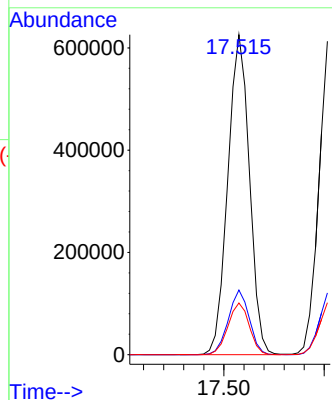
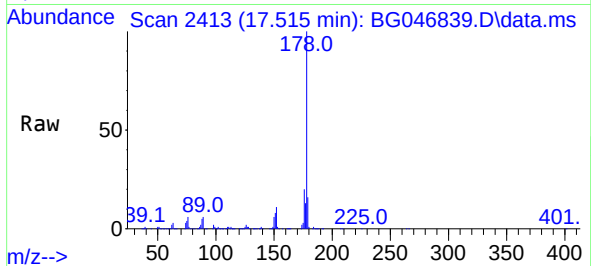
#71  
Phenanthrene  
Concen: 39.27 ng  
RT: 17.515 min Scan# 2413  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:178 Resp: 933973  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.7 25.1  
179 16.2 14.0 21.0

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

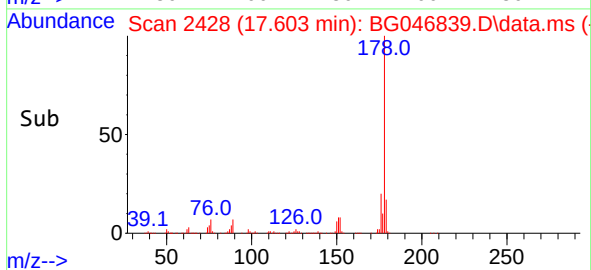
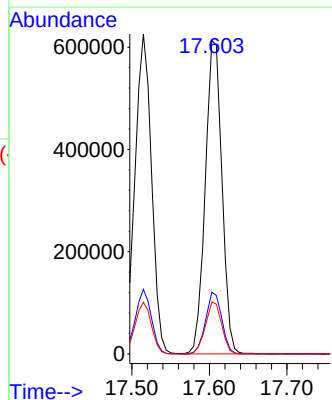
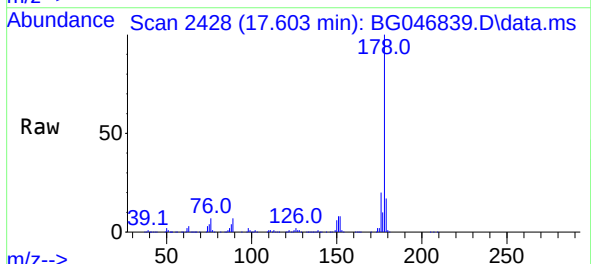
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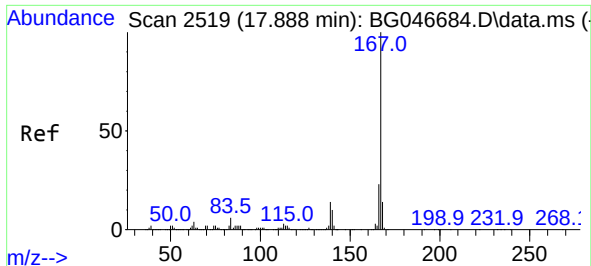
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#72  
Anthracene  
Concen: 38.98 ng  
RT: 17.603 min Scan# 2428  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

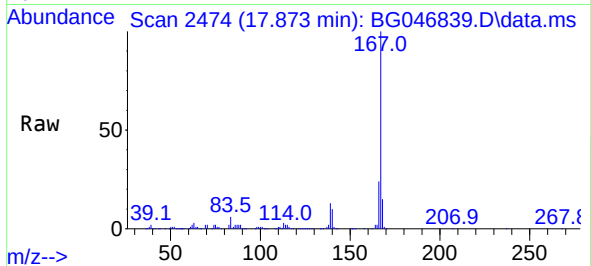
Tgt Ion:178 Resp: 914710  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.4 24.6  
179 16.6 13.8 20.6





#73  
 Carbazole  
 Concen: 39.59 ng  
 RT: 17.873 min Scan# 2474  
 Delta R.T. 0.000 min  
 Lab File: BG046839.D  
 Acq: 9 Oct 2020 18:24

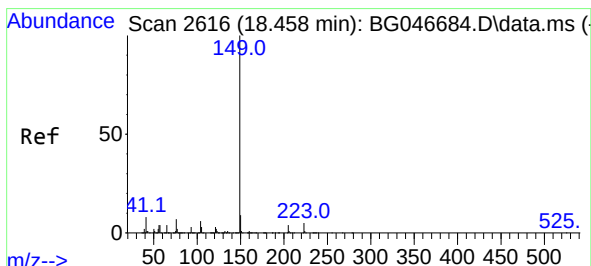
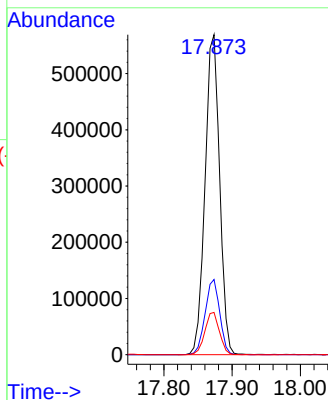
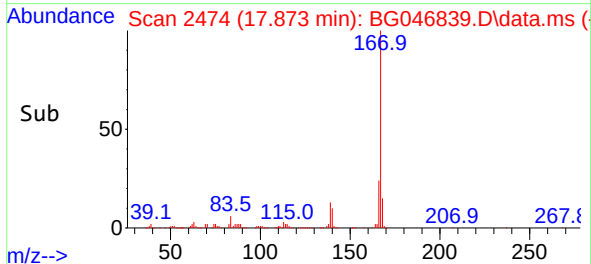
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC



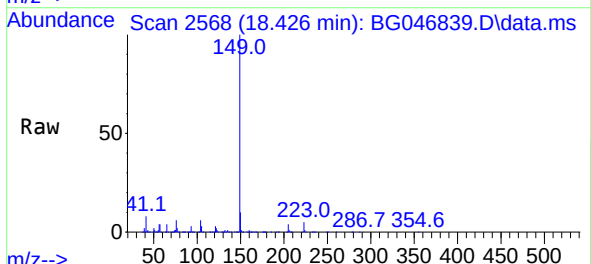
Tgt Ion:167 Resp: 845498  
 Ion Ratio Lower Upper  
 167 100  
 166 23.5 18.7 28.1  
 139 13.2 9.6 14.4

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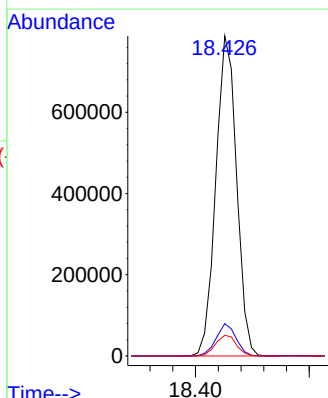
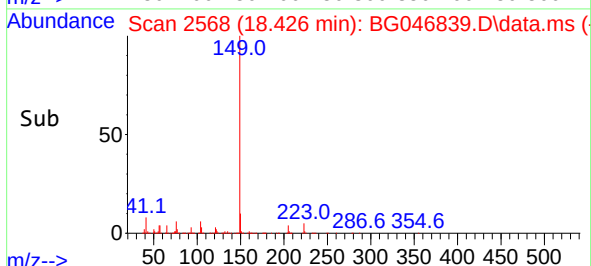
mohammad  
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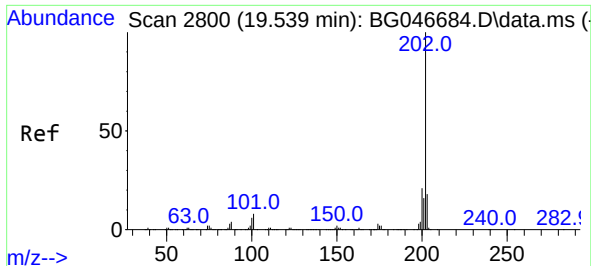
#74  
 Di-n-butylphthalate  
 Concen: 38.07 ng  
 RT: 18.426 min Scan# 2568  
 Delta R.T. -0.011 min  
 Lab File: BG046839.D  
 Acq: 9 Oct 2020 18:24



Tgt Ion:149 Resp: 999308  
 Ion Ratio Lower Upper  
 149 100  
 150 10.1 8.2 12.4  
 104 6.5 3.8 5.8#

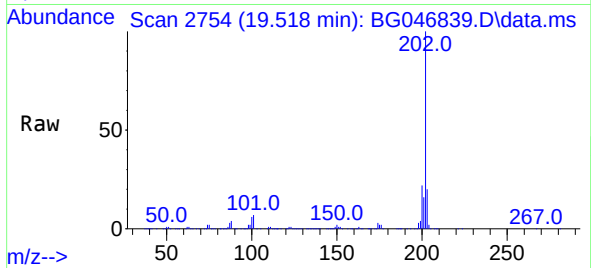






#75  
Fluoranthene  
Concen: 40.59 ng  
RT: 19.518 min Scan# 2754  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

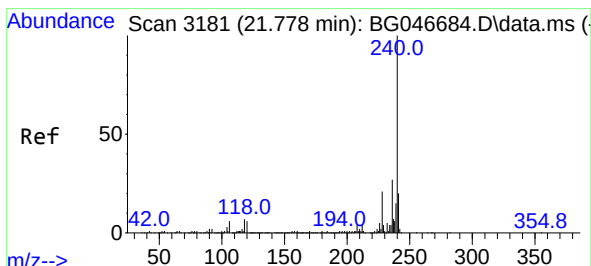
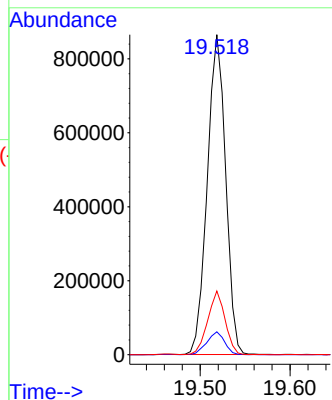
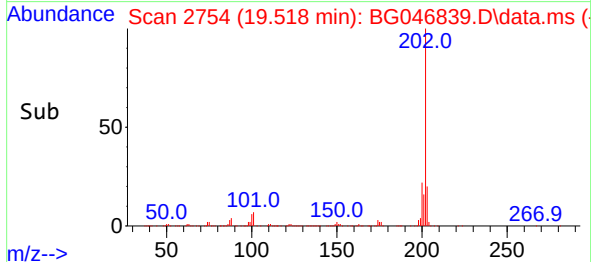
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



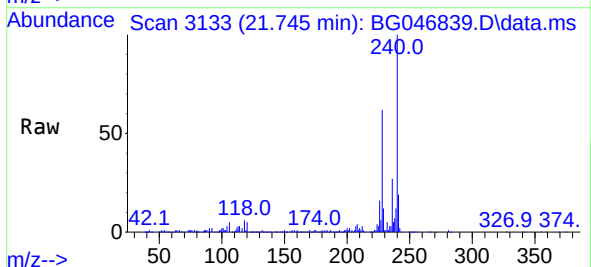
Tgt Ion:202 Resp: 1229454  
Ion Ratio Lower Upper  
202 100  
101 7.2 0.0 29.7  
203 19.9 0.0 39.2

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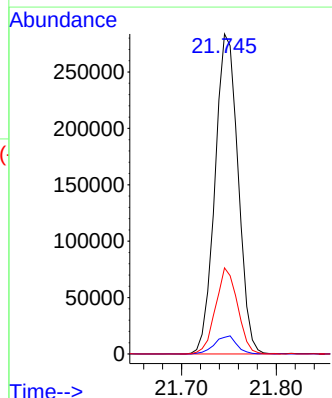
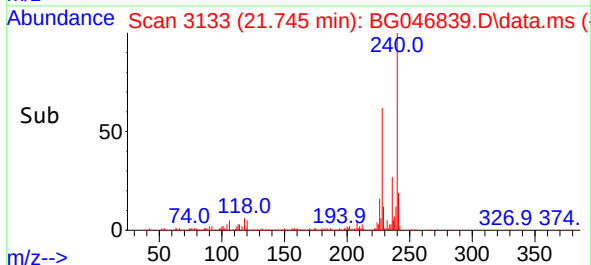
mohammad  
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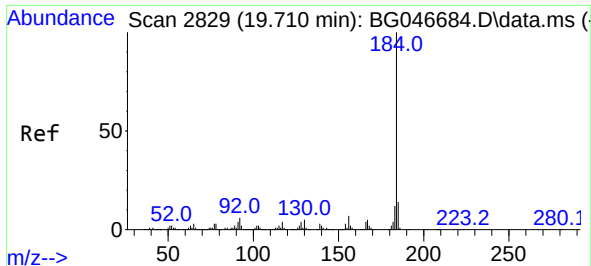


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.745 min Scan# 3133  
Delta R.T. -0.011 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



Tgt Ion:240 Resp: 479522  
Ion Ratio Lower Upper  
240 100  
120 5.2 6.2 9.4#  
236 26.9 20.5 30.7





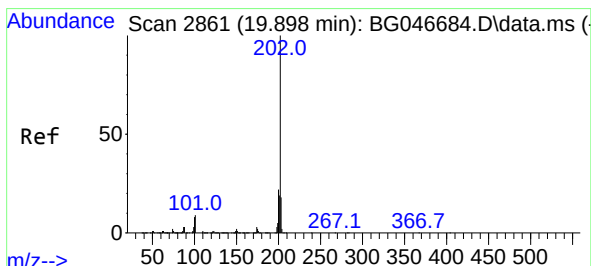
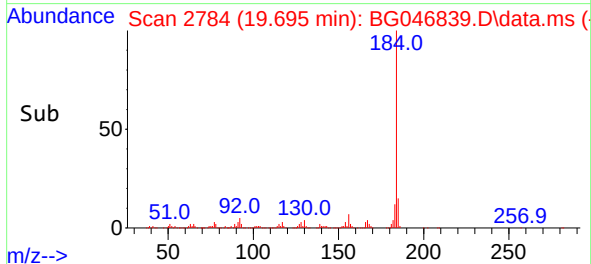
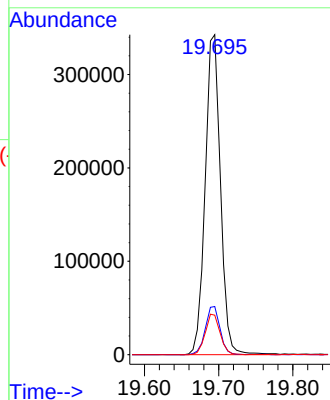
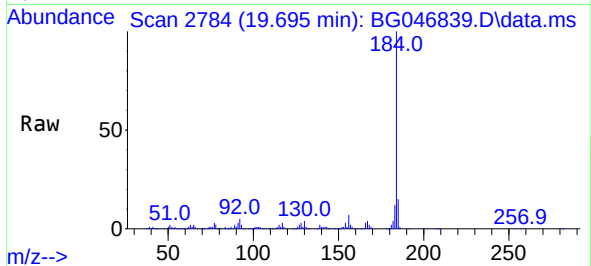
#77  
Benzidine  
Concen: 33.30 ng  
RT: 19.695 min Scan# 2784  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 492184 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.1  | 12.4  | 18.6   |
| 183       | 12.4  | 10.6  | 15.8   |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

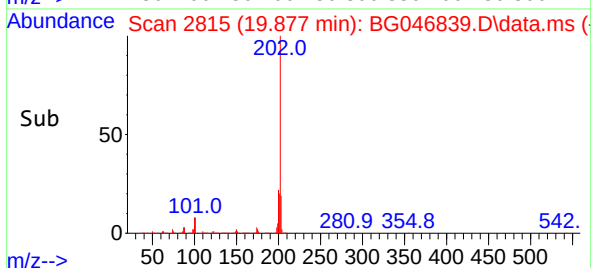
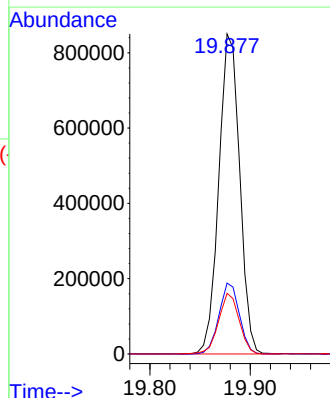
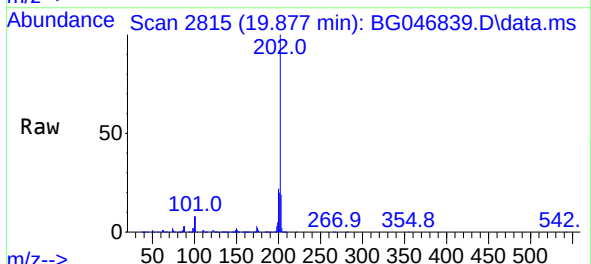
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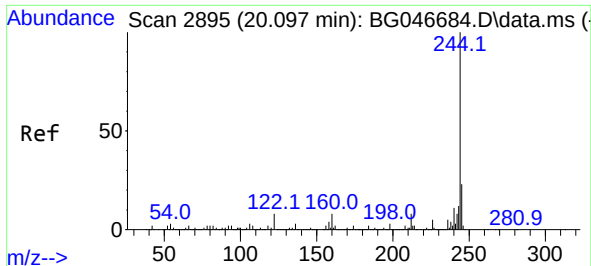
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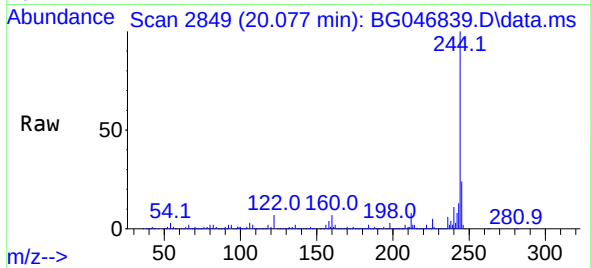
#78  
Pyrene  
Concen: 39.78 ng  
RT: 19.877 min Scan# 2815  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1226294 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 22.2  | 18.6  | 27.8    |
| 203       | 18.9  | 15.3  | 22.9    |

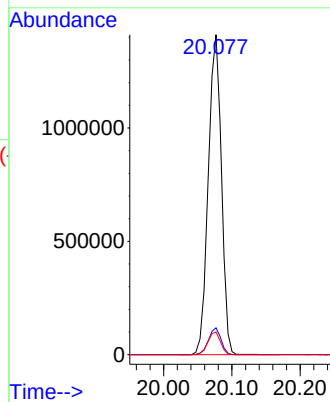
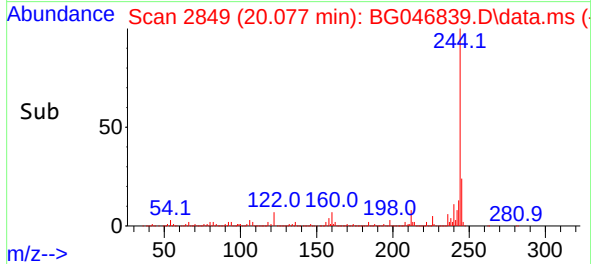




#79  
Terphenyl-d14  
Concen: 78.84 ng  
RT: 20.077 min Scan# 2849  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



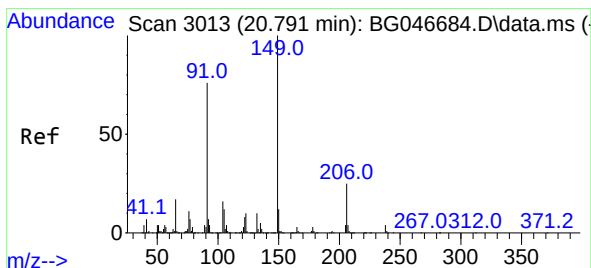
Tgt Ion:244 Resp: 1886234  
Ion Ratio Lower Upper  
244 100  
212 8.4 6.7 10.1  
122 7.1 7.8 11.6#



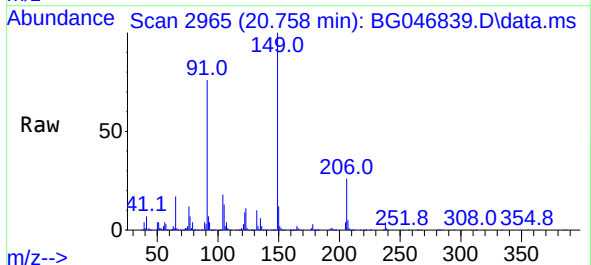
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

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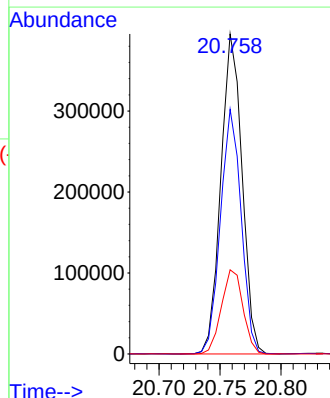
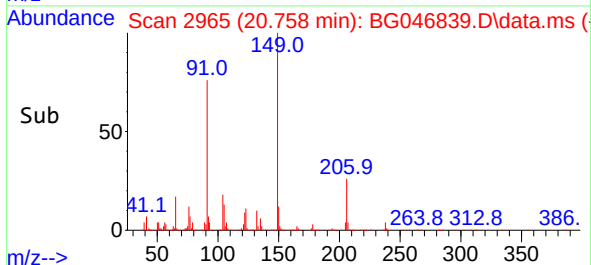
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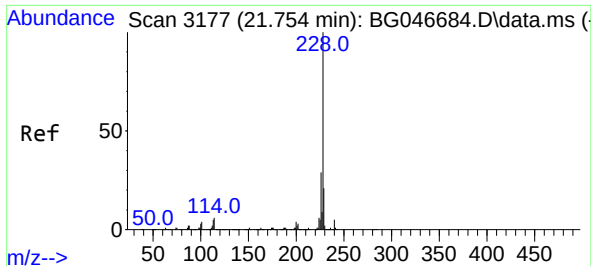


#80  
Butylbenzylphthalate  
Concen: 40.18 ng  
RT: 20.758 min Scan# 2965  
Delta R.T. -0.011 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



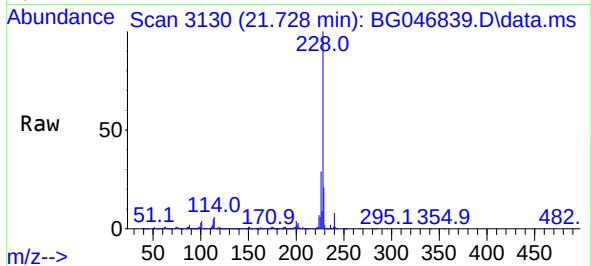
Tgt Ion:149 Resp: 478547  
Ion Ratio Lower Upper  
149 100  
91 76.4 51.5 77.3  
206 26.3 21.2 31.8





#81  
Benzo(a)anthracene  
Concen: 39.38 ng  
RT: 21.728 min Scan# 3130  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

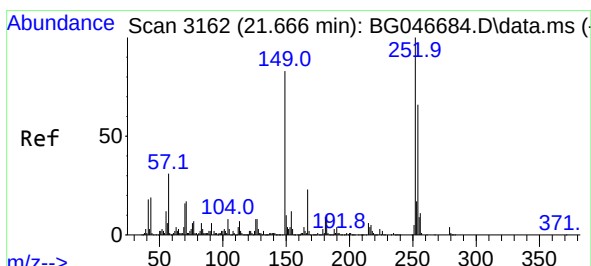
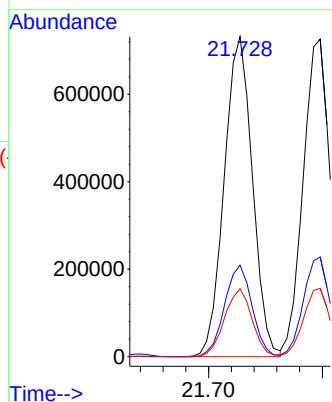
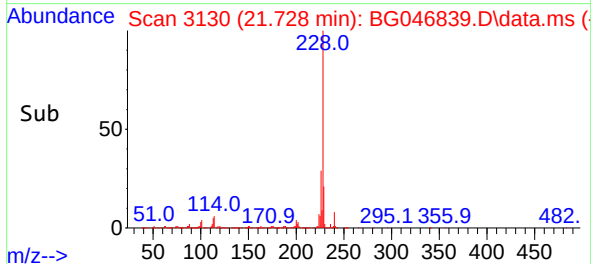
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



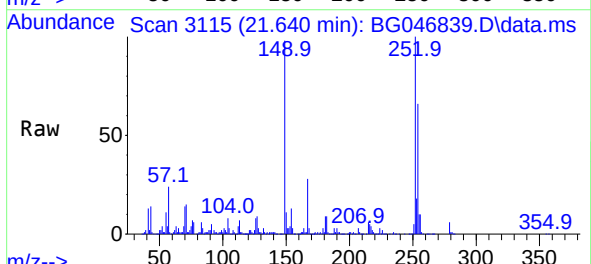
Tgt Ion:228 Resp: 1260735  
Ion Ratio Lower Upper  
228 100  
226 28.6 23.3 34.9  
229 21.2 17.4 26.0

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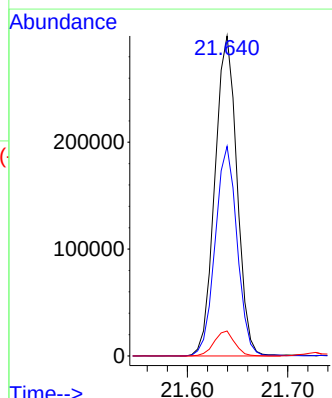
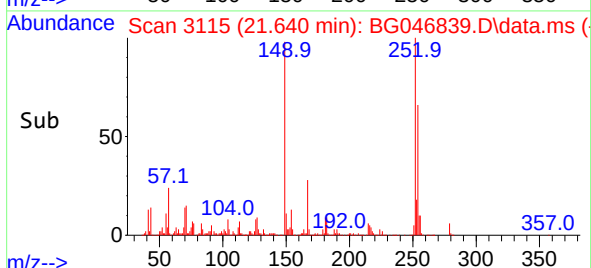
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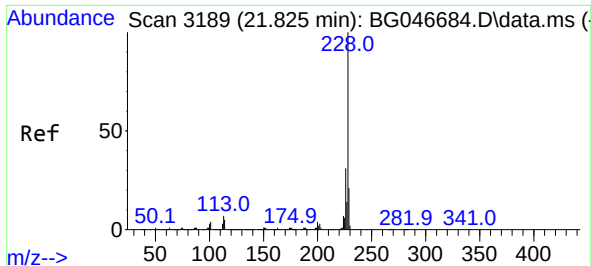


#82  
3,3'-Dichlorobenzidine  
Concen: 36.78 ng  
RT: 21.640 min Scan# 3115  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



Tgt Ion:252 Resp: 456999  
Ion Ratio Lower Upper  
252 100  
254 65.5 53.2 79.8  
126 7.8 6.8 10.2





#83  
Chrysene  
Concen: 39.10 ng  
RT: 21.798 min Scan# 3142  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

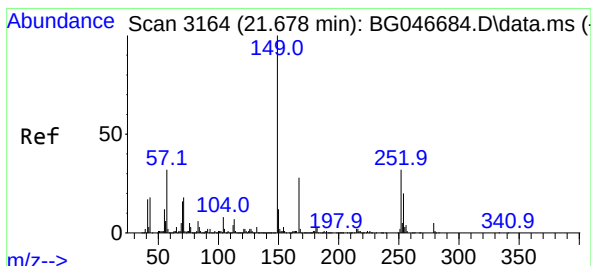
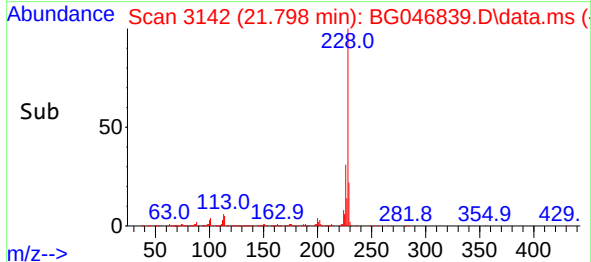
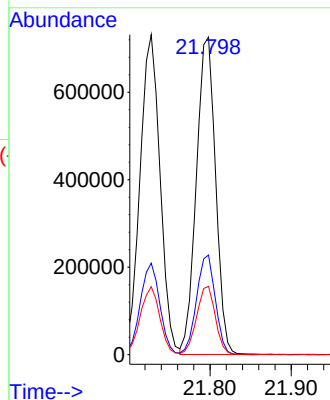
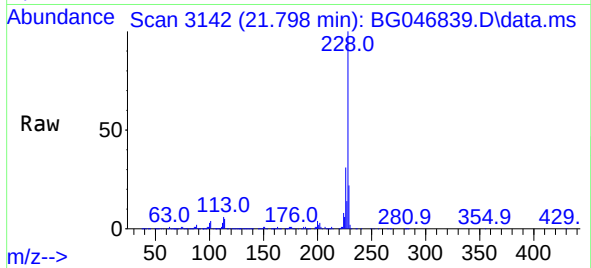
Tgt Ion:228 Resp: 1196060

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.4  | 25.0  | 37.4  |
| 229 | 21.5  | 17.3  | 25.9  |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

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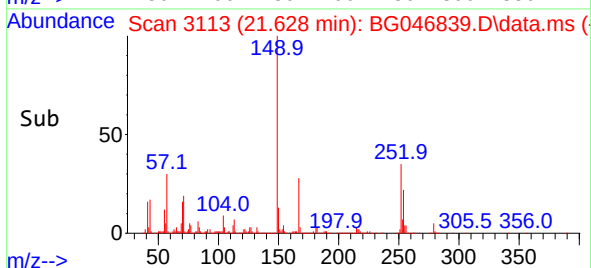
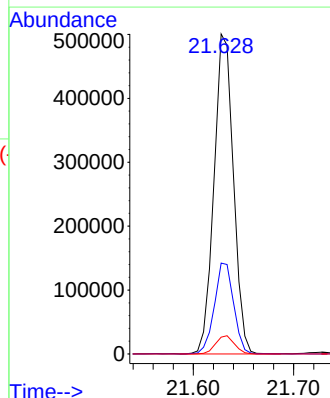
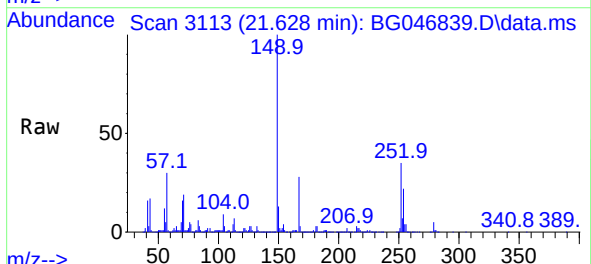
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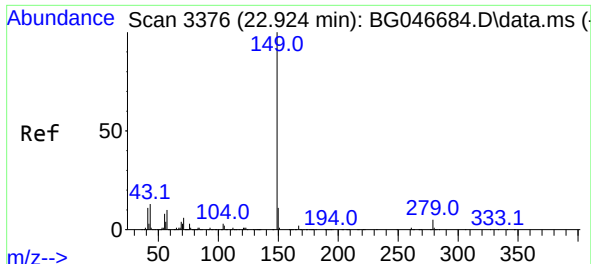


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 38.49 ng  
RT: 21.628 min Scan# 3113  
Delta R.T. -0.011 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

Tgt Ion:149 Resp: 673422

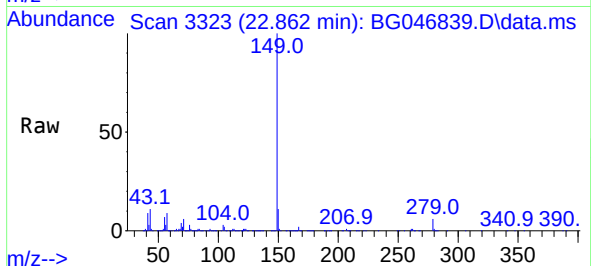
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.4  | 24.8  | 37.2  |
| 279 | 5.3   | 4.6   | 7.0   |





#85  
Di-n-octyl phthalate  
Concen: 37.45 ng  
RT: 22.862 min Scan# 3323  
Delta R.T. -0.011 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

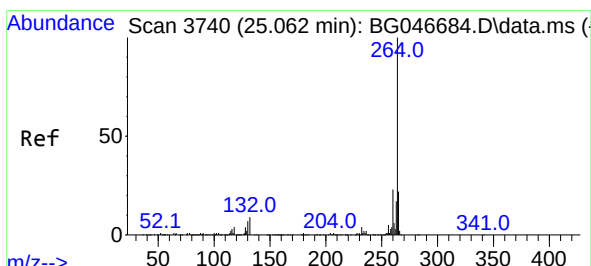
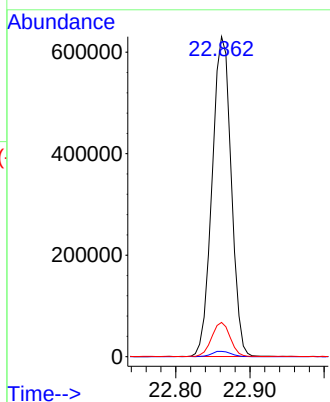
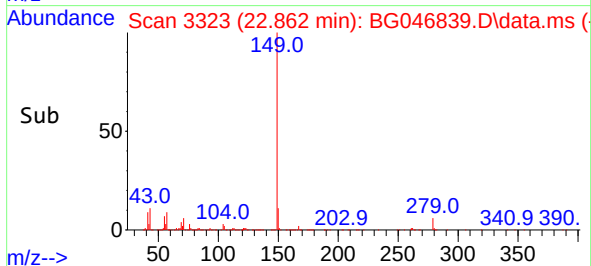
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



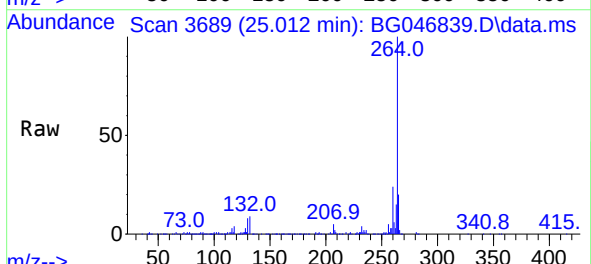
Tgt Ion:149 Resp: 1126638  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 10.4 6.8 10.2#

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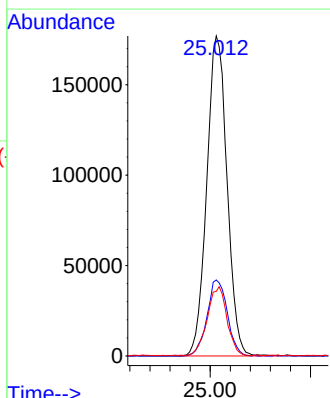
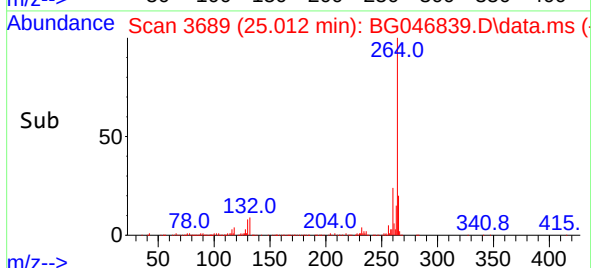
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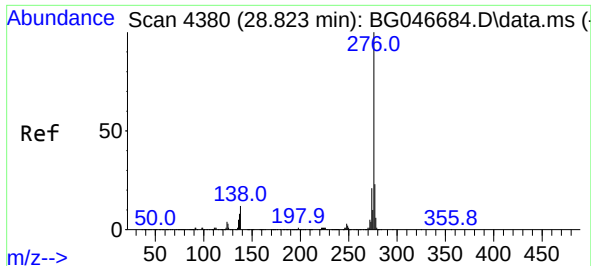


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.012 min Scan# 3689  
Delta R.T. -0.017 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



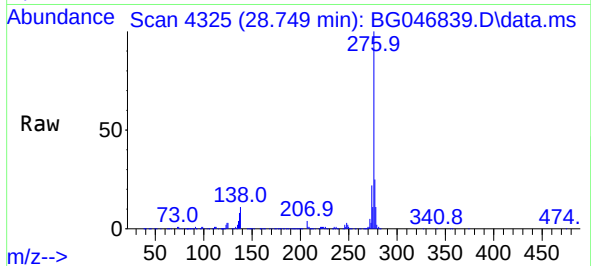
Tgt Ion:264 Resp: 496095  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.8 28.2  
265 20.2 17.8 26.8





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.12 ng  
RT: 28.749 min Scan# 4325  
Delta R.T. -0.017 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

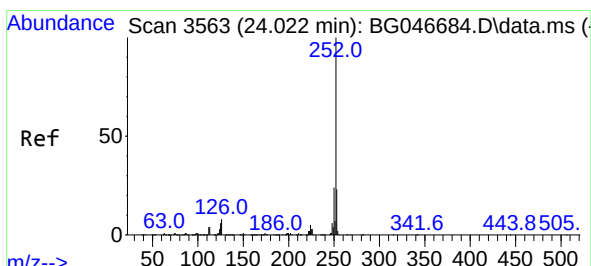
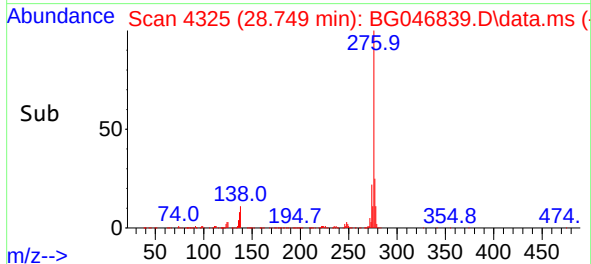
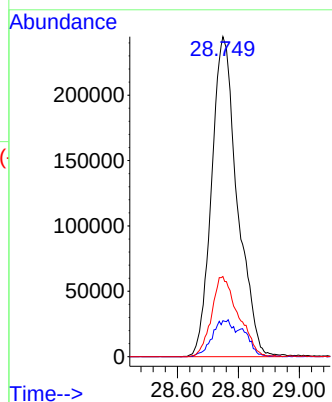
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



Tgt Ion:276 Resp: 1435845  
Ion Ratio Lower Upper  
276 100  
138 9.9 16.2 24.2#  
277 26.0 20.3 30.5

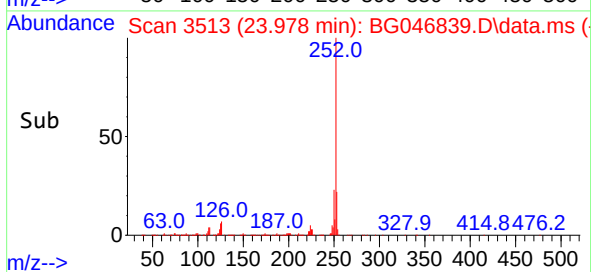
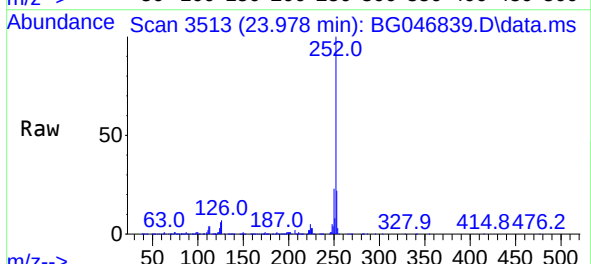
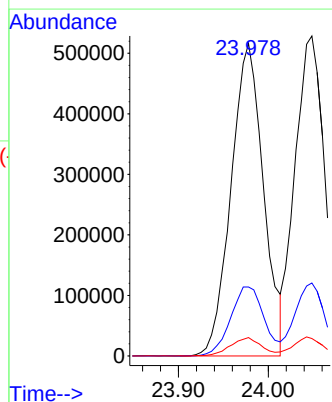
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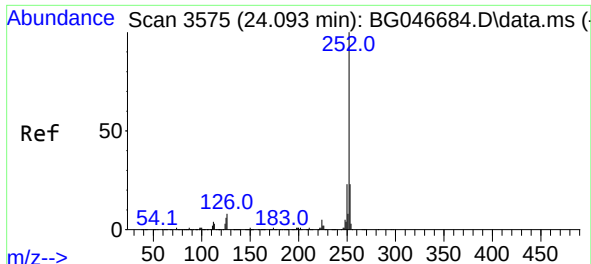
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#88  
Benzo(b)fluoranthene  
Concen: 39.78 ng  
RT: 23.978 min Scan# 3513  
Delta R.T. -0.011 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

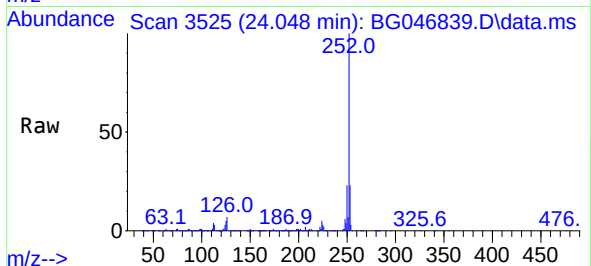
Tgt Ion:252 Resp: 1293278  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.7 28.1  
125 5.9 6.5 9.7#





#89  
Benzo(k)fluoranthene  
Concen: 38.80 ng  
RT: 24.048 min Scan# 3525  
Delta R.T. -0.011 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

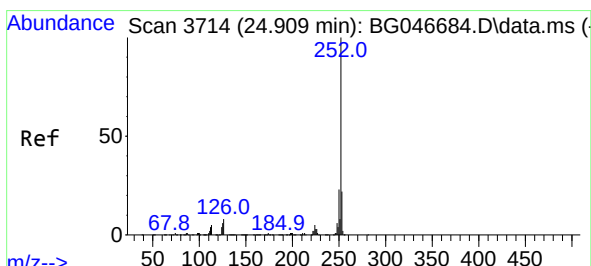
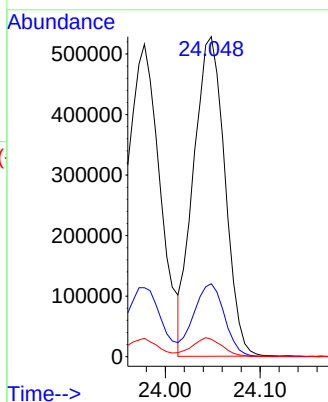
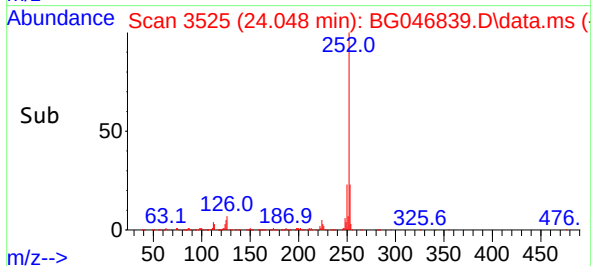
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



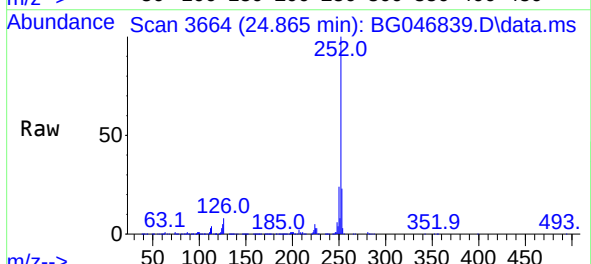
Tgt Ion:252 Resp: 1212673  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.6 27.8  
125 5.5 6.8 10.2#

Manual Integrations  
APPROVED

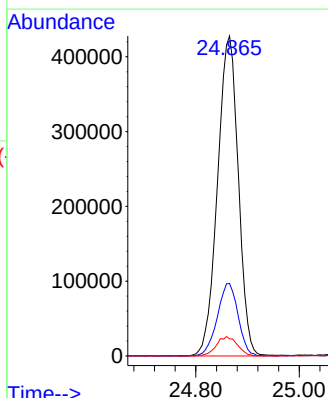
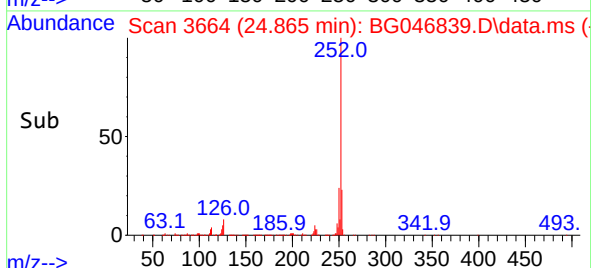
mohammad  
10/13/2020 11:07:50 AM



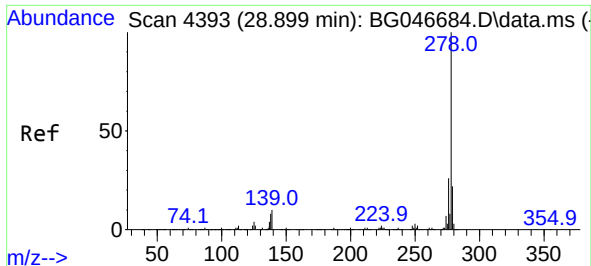
#90  
Benzo(a)pyrene  
Concen: 38.99 ng  
RT: 24.865 min Scan# 3664  
Delta R.T. -0.011 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



Tgt Ion:252 Resp: 1192853  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.9 26.9  
125 5.4 7.0 10.4#

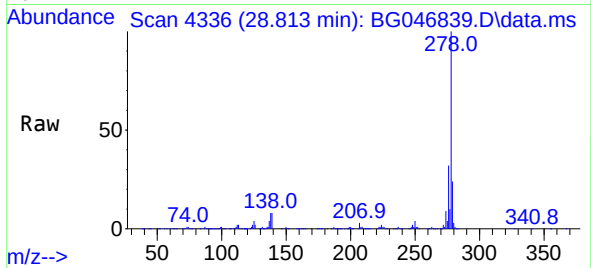






#91  
Dibenzo(a,h)anthracene  
Concen: 38.57 ng  
RT: 28.813 min Scan# 4336  
Delta R.T. -0.023 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24

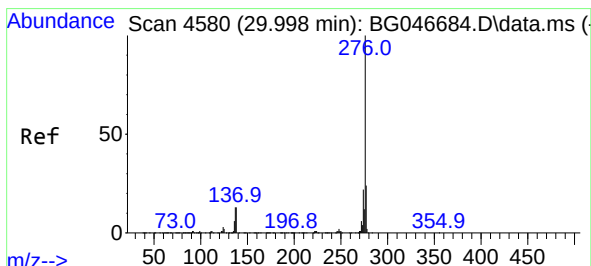
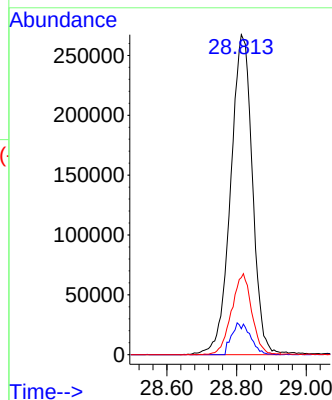
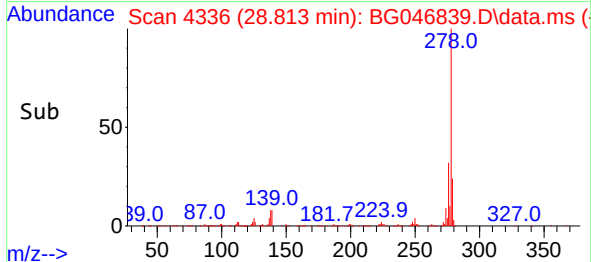
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



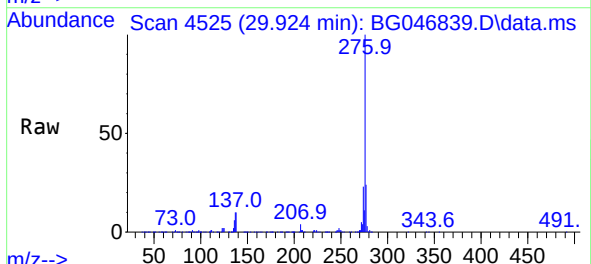
Tgt Ion:278 Resp: 1157847  
Ion Ratio Lower Upper  
278 100  
139 8.1 10.5 15.7#  
279 24.1 19.4 29.0

Manual Integrations  
APPROVED

mohammad  
10/13/2020 11:07:50 AM



#92  
Benzo(g,h,i)perylene  
Concen: 38.94 ng  
RT: 29.924 min Scan# 4525  
Delta R.T. -0.005 min  
Lab File: BG046839.D  
Acq: 9 Oct 2020 18:24



Tgt Ion:276 Resp: 1143350  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.6 29.4  
138 10.5 13.4 20.2#

