

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092220\  
 Data File : BG046685.D  
 Acq On : 22 Sep 2020 19:26  
 Operator : CG/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

mohammad  
 9/23/2020 10:44:56 AM

Quant Time: Sep 22 20:53:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG092220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 22 20:50:21 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.126  | 152  | 69300    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.934 | 136  | 245465   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.747 | 164  | 166640   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.491 | 188  | 384617   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.774 | 240  | 401589   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.065 | 264  | 423511   | 20.00  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.682  | 112  | 404311   | 103.33 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.268  | 99   | 570152   | 102.79 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.289  | 82   | 471877   | 109.87 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.234 | 330  | 225511   | 99.88  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.378 | 172  | 1126926  | 103.24 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.100 | 244  | 1904265  | 100.91 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.584  | 88   | 92284    | 56.69  | ng    | # 88     |
| 3) Pyridine                   | 3.978  | 79   | 262927   | 55.21  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.890  | 42   | 139002   | 79.13  | ng    | # 67     |
| 6) Aniline                    | 7.444  | 93   | 339959   | 54.47  | ng    | 90       |
| 8) 2-Chlorophenol             | 7.685  | 128  | 198146   | 47.92  | ng    | 86       |
| 9) Benzaldehyde               | 7.256  | 77   | 166213   | 53.49  | ng    | 90       |
| 10) Phenol                    | 7.297  | 94   | 280187   | 54.85  | ng    | 81       |
| 11) bis(2-Chloroethyl)ether   | 7.544  | 93   | 218184   | 53.13  | ng    | 89       |
| 12) 1,3-Dichlorobenzene       | 8.014  | 146  | 256444   | 48.84  | ng    | # 92     |
| 13) 1,4-Dichlorobenzene       | 8.161  | 146  | 256050   | 48.71  | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.484  | 146  | 243702   | 48.35  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.355  | 79   | 230728   | 64.79  | ng    | 89       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.655  | 45   | 371763   | 58.37  | ng    | 97       |
| 17) 2-Methylphenol            | 8.555  | 107  | 180399   | 49.79  | ng    | # 85     |
| 18) Hexachloroethane          | 9.219  | 117  | 94126    | 52.82  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.931  | 70   | 191738   | 57.79  | ng    | 90       |
| 20) 3+4-Methylphenols         | 8.884  | 107  | 256918   | 51.38  | ng    | 93       |
| 22) Acetophenone              | 8.948  | 105  | 345704   | 57.86  | ng    | 93       |
| 24) Nitrobenzene              | 9.330  | 77   | 253798   | 59.82  | ng    | # 85     |
| 25) Isophorone                | 9.859  | 82   | 485091   | 61.61  | ng    | # 95     |
| 26) 2-Nitrophenol             | 10.041 | 139  | 94354    | 42.15  | ng    | # 81     |
| 27) 2,4-Dimethylphenol        | 10.094 | 122  | 176502   | 57.33  | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 10.335 | 93   | 297688   | 58.74  | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.576 | 162  | 217478   | 52.99  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.799 | 180  | 253400   | 52.03  | ng    | 98       |
| 31) Naphthalene               | 10.987 | 128  | 643718   | 53.71  | ng    | 99       |
| 32) Benzoic acid              | 10.223 | 122  | 125614   | 65.82  | ng    | 89       |
| 33) 4-Chloroaniline           | 11.087 | 127  | 283483   | 53.64  | ng    | # 92     |
| 34) Hexachlorobutadiene       | 11.275 | 225  | 189337   | 59.89  | ng    | 97       |
| 35) Caprolactam               | 11.857 | 113  | 69727    | 45.45  | ng    | # 69     |
| 36) 4-Chloro-3-methylphenol   | 12.192 | 107  | 226937   | 56.53  | ng    | 90       |
| 37) 2-Methylnaphthalene       | 12.585 | 142  | 475653   | 50.32  | ng    | # 94     |
| 38) 1-Methylnaphthalene       | 12.803 | 142  | 448610m  | 50.10  | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.950 | 216  | 290384   | 52.84  | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 12.932 | 237  | 174429   | 73.00  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 13.179 | 196  | 189540   | 51.11  | ng    | 95       |

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 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

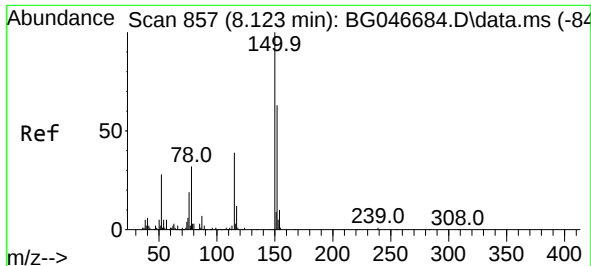
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 9/23/2020 10:44:56 AM

Quant Time: Sep 22 20:53:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG092220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 22 20:50:21 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|-------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 13.249 | 196  | 189915   | 48.74 | ng    | #        | 91  |
| 46) 1,1'-Biphenyl             | 13.584 | 154  | 614228   | 52.98 | ng    |          | 97  |
| 47) 2-Chloronaphthalene       | 13.631 | 162  | 501144   | 50.98 | ng    |          | 96  |
| 48) 2-Nitroaniline            | 13.819 | 65   | 149449   | 54.75 | ng    | #        | 82  |
| 49) Acenaphthylene            | 14.471 | 152  | 734745   | 49.27 | ng    |          | 98  |
| 50) Dimethylphthalate         | 14.201 | 163  | 642653   | 49.85 | ng    |          | 100 |
| 51) 2,6-Dinitrotoluene        | 14.313 | 165  | 115821   | 40.76 | ng    | #        | 66  |
| 52) Acenaphthene              | 14.812 | 154  | 505632   | 54.72 | ng    |          | 97  |
| 53) 3-Nitroaniline            | 14.642 | 138  | 130075   | 42.26 | ng    | #        | 72  |
| 54) 2,4-Dinitrophenol         | 14.841 | 184  | 60668    | 36.57 | ng    | #        | 77  |
| 55) Dibenzofuran              | 15.147 | 168  | 755093   | 50.92 | ng    |          | 94  |
| 56) 4-Nitrophenol             | 14.930 | 139  | 107100   | 47.27 | ng    | #        | 62  |
| 57) 2,4-Dinitrotoluene        | 15.094 | 165  | 154629   | 38.16 | ng    | #        | 75  |
| 58) Fluorene                  | 15.793 | 166  | 607719   | 48.83 | ng    |          | 99  |
| 59) 2,3,4,6-Tetrachlorophenol | 15.364 | 232  | 191269   | 50.55 | ng    | #        | 94  |
| 60) Diethylphthalate          | 15.564 | 149  | 641799   | 51.06 | ng    |          | 97  |
| 61) 4-Chlorophenyl-phenyle... | 15.787 | 204  | 348025   | 50.77 | ng    |          | 96  |
| 62) 4-Nitroaniline            | 15.805 | 138  | 140558   | 43.27 | ng    | #        | 67  |
| 63) Azobenzene                | 16.081 | 77   | 622718   | 60.90 | ng    |          | 90  |
| 65) 4,6-Dinitro-2-methylph... | 15.858 | 198  | 82734    | 38.00 | ng    |          | 85  |
| 66) n-Nitrosodiphenylamine    | 15.999 | 169  | 554271   | 53.42 | ng    |          | 97  |
| 67) 4-Bromophenyl-phenylether | 16.680 | 248  | 232220   | 51.75 | ng    |          | 94  |
| 68) Hexachlorobenzene         | 16.798 | 284  | 246350   | 49.57 | ng    |          | 94  |
| 69) Atrazine                  | 16.945 | 200  | 224632   | 53.07 | ng    |          | 98  |
| 70) Pentachlorophenol         | 17.133 | 266  | 156320   | 60.20 | ng    |          | 92  |
| 71) Phenanthrene              | 17.532 | 178  | 999802   | 51.28 | ng    |          | 98  |
| 72) Anthracene                | 17.626 | 178  | 982570   | 51.08 | ng    |          | 98  |
| 73) Carbazole                 | 17.891 | 167  | 887440   | 48.87 | ng    |          | 98  |
| 74) Di-n-butylphthalate       | 18.455 | 149  | 1089484  | 52.17 | ng    | #        | 97  |
| 75) Fluoranthene              | 19.536 | 202  | 1238229  | 49.36 | ng    |          | 98  |
| 77) Benzidine                 | 19.712 | 184  | 584298   | 62.61 | ng    |          | 98  |
| 78) Pyrene                    | 19.900 | 202  | 1258708  | 49.22 | ng    |          | 99  |
| 80) Butylbenzylphthalate      | 20.787 | 149  | 501070   | 50.23 | ng    | #        | 87  |
| 81) Benzo(a)anthracene        | 21.757 | 228  | 1289291  | 51.51 | ng    |          | 98  |
| 82) 3,3'-Dichlorobenzidine    | 21.669 | 252  | 505963   | 54.47 | ng    |          | 97  |
| 83) Chrysene                  | 21.821 | 228  | 1237163  | 51.38 | ng    |          | 99  |
| 84) Bis(2-ethylhexyl)phtha... | 21.675 | 149  | 708712   | 52.06 | ng    |          | 96  |
| 85) Di-n-octyl phthalate      | 22.926 | 149  | 1245418  | 53.43 | ng    | #        | 92  |
| 87) Indeno(1,2,3-cd)pyrene    | 28.825 | 276  | 1505644  | 49.50 | ng    | #        | 90  |
| 88) Benzo(b)fluoranthene      | 24.019 | 252  | 1325146  | 50.11 | ng    | #        | 97  |
| 89) Benzo(k)fluoranthene      | 24.095 | 252  | 1282489  | 50.18 | ng    | #        | 98  |
| 90) Benzo(a)pyrene            | 24.912 | 252  | 1261746  | 51.13 | ng    | #        | 98  |
| 91) Dibenzo(a,h)anthracene    | 28.913 | 278  | 1236165  | 50.36 | ng    | #        | 96  |
| 92) Benzo(g,h,i)perylene      | 29.994 | 276  | 1208672  | 49.31 | ng    | #        | 94  |

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





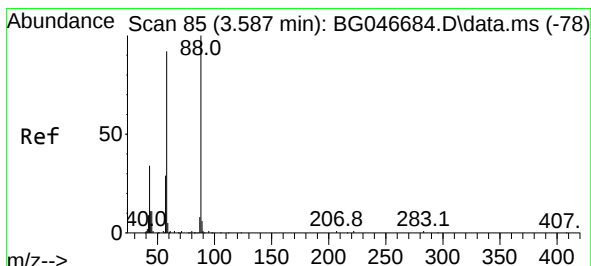
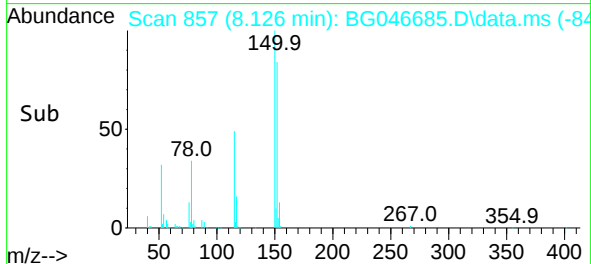
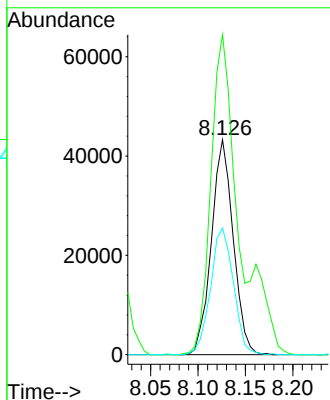
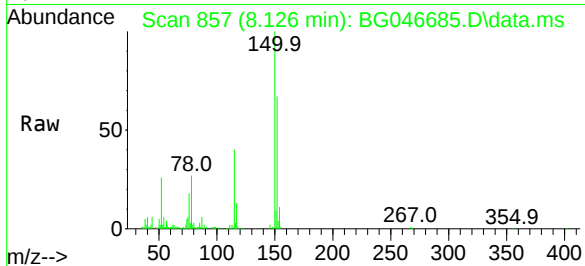
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.126 min Scan# 857  
Delta R.T. 0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion: 152 Resp: 69300  
Ion Ratio Lower Upper  
152 100  
150 148.8 125.0 187.6  
115 59.0 41.8 62.6

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

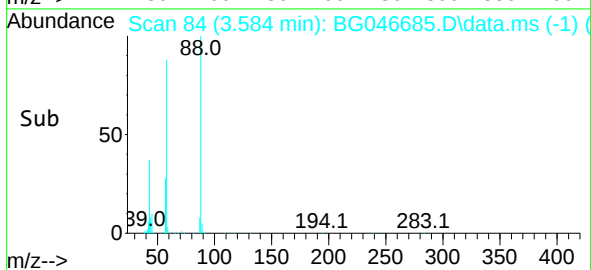
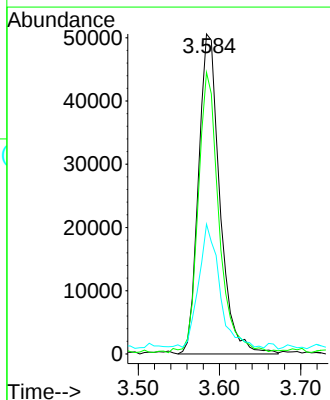
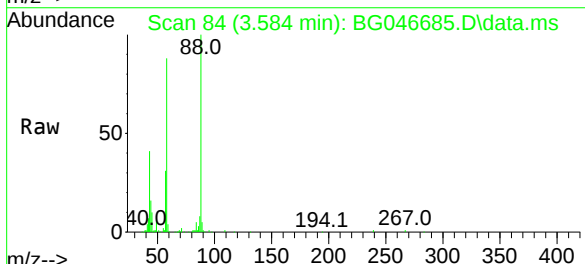
Manual Integrations  
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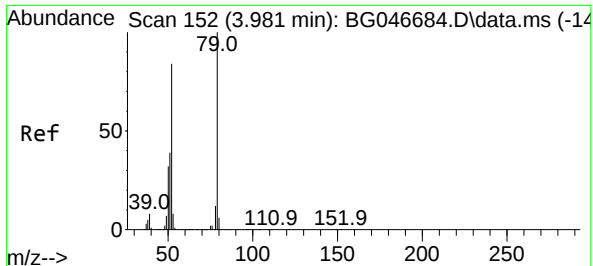
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9/23/2020 10:44:56 AM



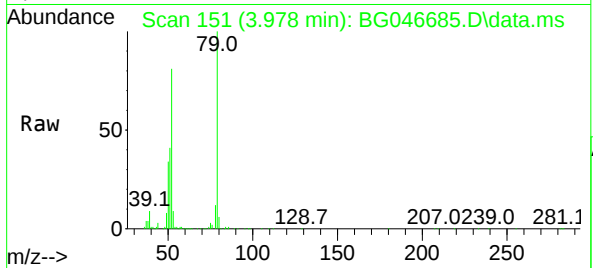
#2  
1,4-Dioxane  
Concen: 56.69 ng  
RT: 3.584 min Scan# 84  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion: 88 Resp: 92284  
Ion Ratio Lower Upper  
88 100  
58 84.8 61.6 92.4  
43 38.0 21.3 31.9#

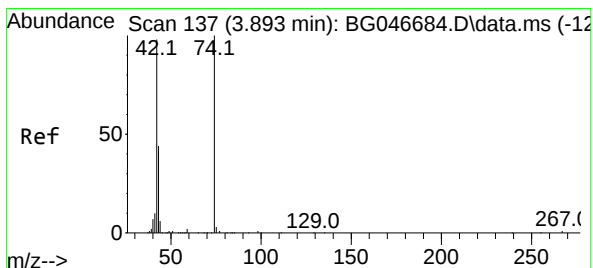
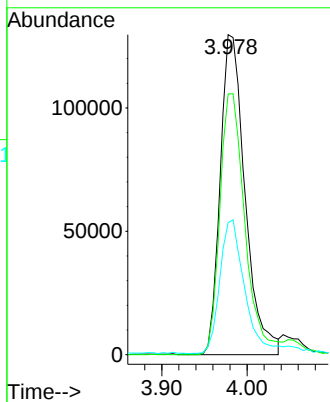
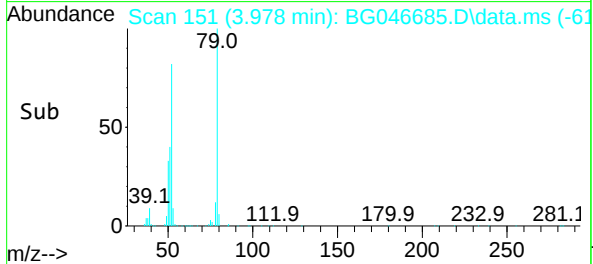




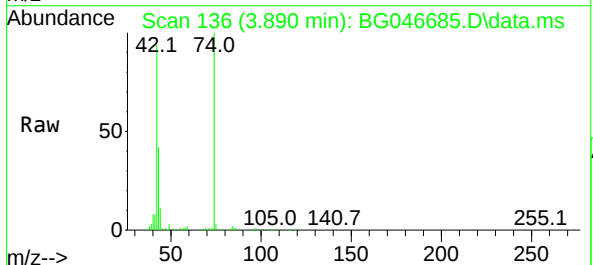
#3  
Pyridine  
Concen: 55.21 ng  
RT: 3.978 min Scan# 151  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



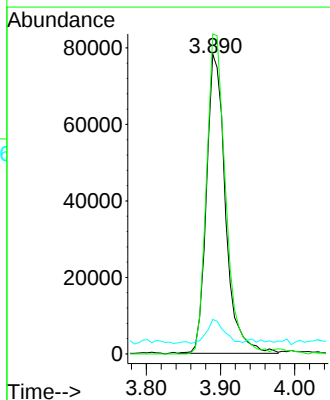
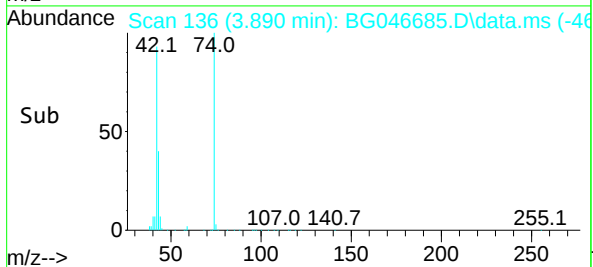
Tgt Ion: 79 Resp: 262927  
Ion Ratio Lower Upper  
79 100  
52 81.4 61.3 91.9  
51 41.3 28.4 42.6



#4  
n-Nitrosodimethylamine  
Concen: 79.13 ng  
RT: 3.890 min Scan# 136  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



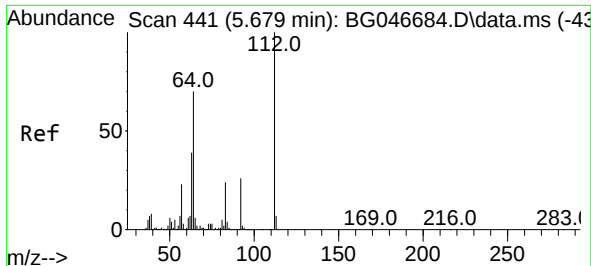
Tgt Ion: 42 Resp: 139002  
Ion Ratio Lower Upper  
42 100  
74 106.8 120.4 180.6#  
44 11.5 6.2 9.2#



Instrument :  
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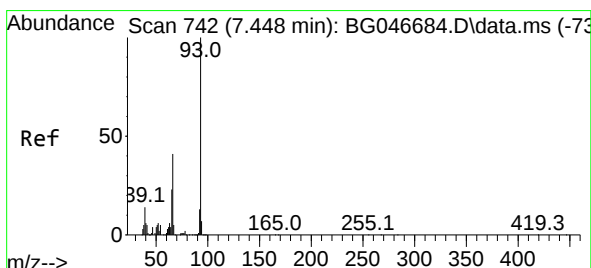
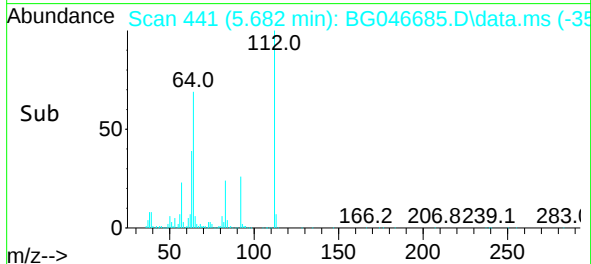
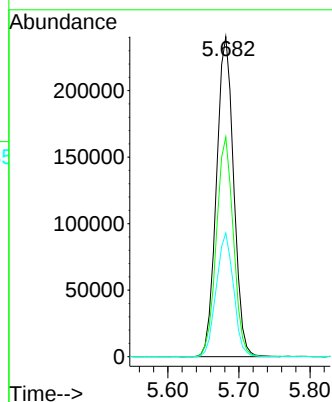
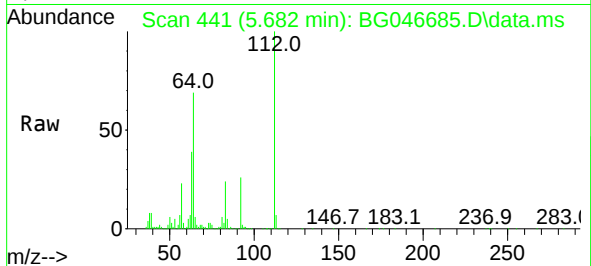
#5  
2-Fluorophenol  
Concen: 103.33 ng  
RT: 5.682 min Scan# 441  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

Tgt Ion:112 Resp: 404311  
Ion Ratio Lower Upper  
112 100  
64 68.6 46.7 70.1  
63 38.7 22.8 34.2#

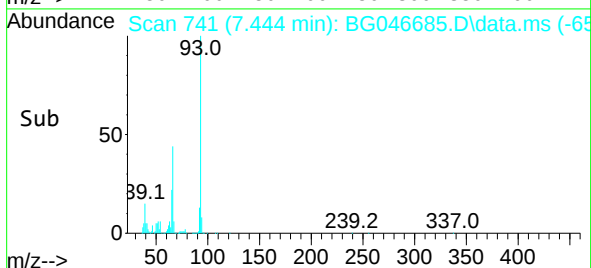
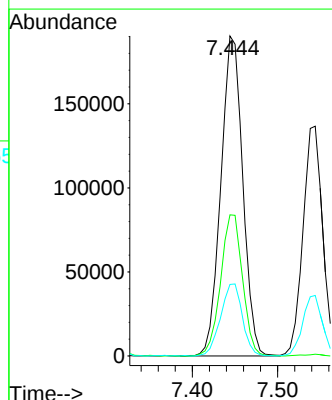
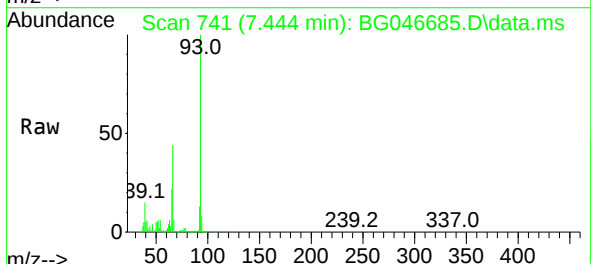
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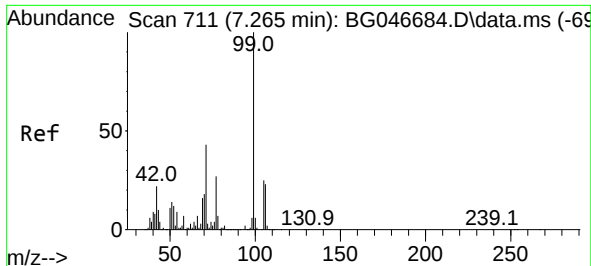
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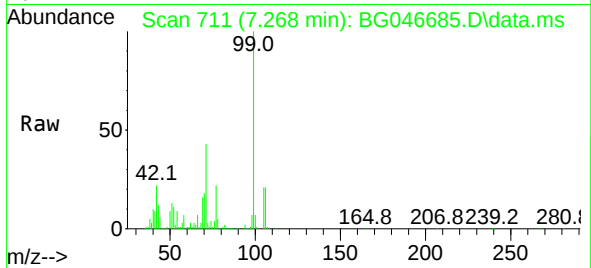
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Aniline  
Concen: 54.47 ng  
RT: 7.444 min Scan# 741  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion: 93 Resp: 339959  
Ion Ratio Lower Upper  
93 100  
66 44.1 29.5 44.3  
65 22.4 15.5 23.3

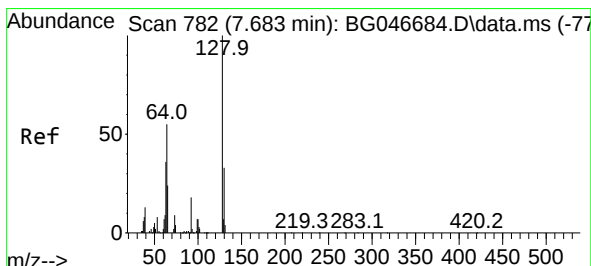
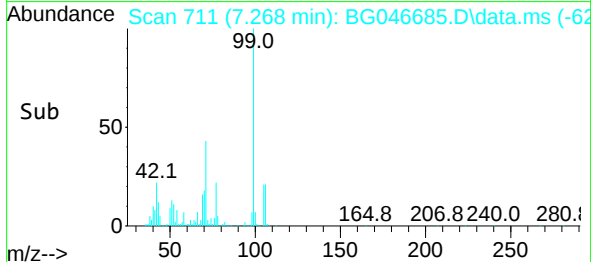
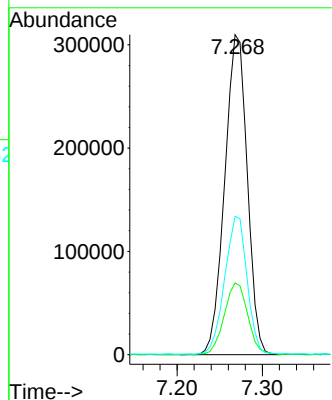




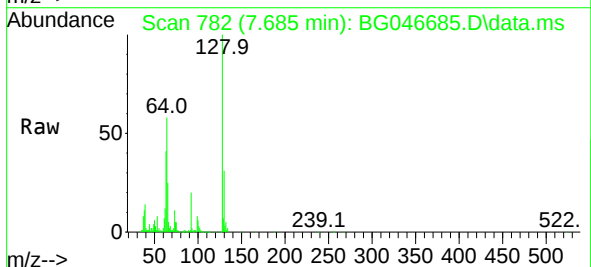
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Phenol-d6  
Concen: 102.79 ng  
RT: 7.268 min Scan# 711  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



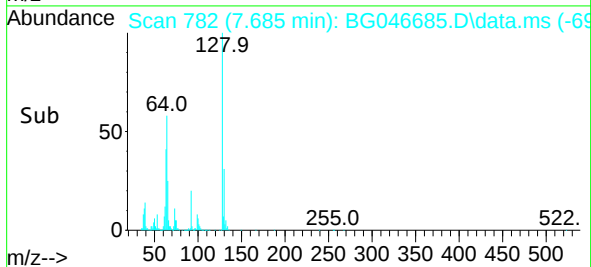
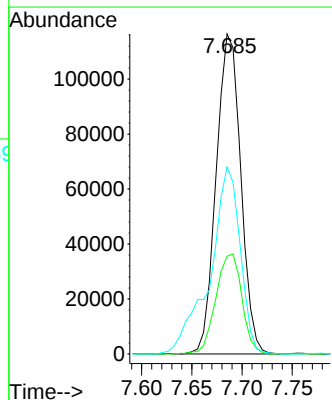
Tgt Ion: 99 Resp: 570152  
Ion Ratio Lower Upper  
99 100  
42 22.4 12.8 19.2#  
71 43.3 24.6 36.8#



#8  
2-Chlorophenol  
Concen: 47.92 ng  
RT: 7.685 min Scan# 782  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



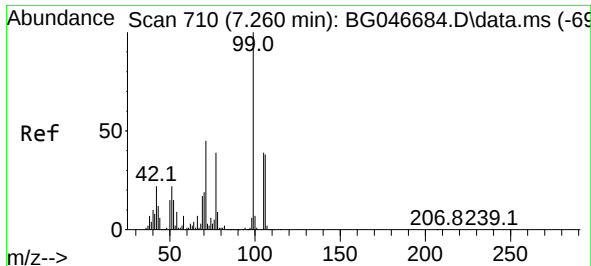
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128 100  
130 30.6 12.6 52.6  
64 58.5 24.8 64.8



Instrument :  
BNA\_G  
ClientSampleId :  
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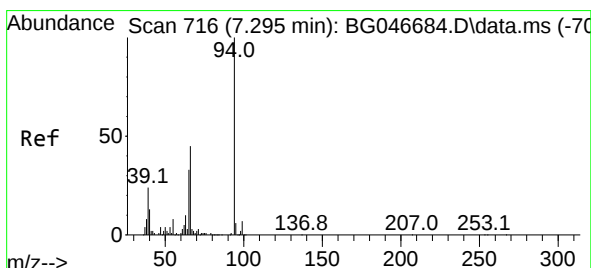
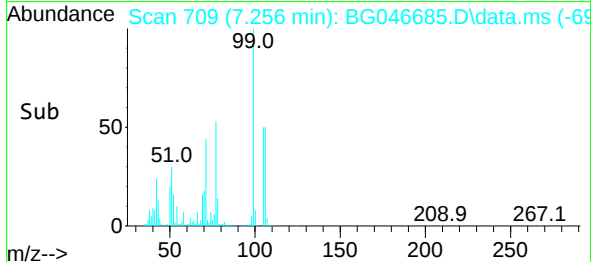
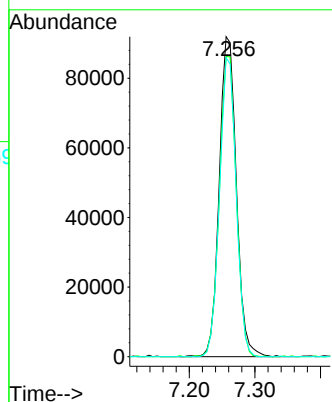
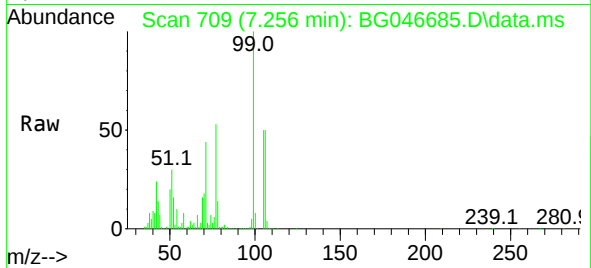
#9  
Benzaldehyde  
Concen: 53.49 ng  
RT: 7.256 min Scan# 709  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
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Tgt Ion: 77 Resp: 166213  
Ion Ratio Lower Upper  
77 100  
105 93.8 85.9 125.9  
106 93.5 80.9 120.9

Instrument :  
BNA\_G  
ClientSampleId :  
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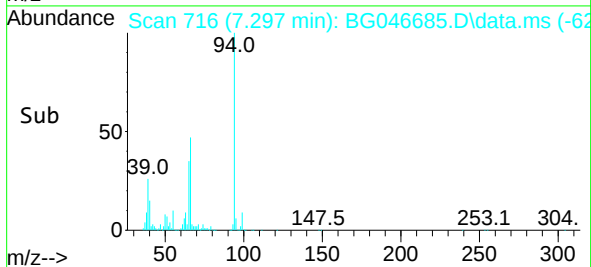
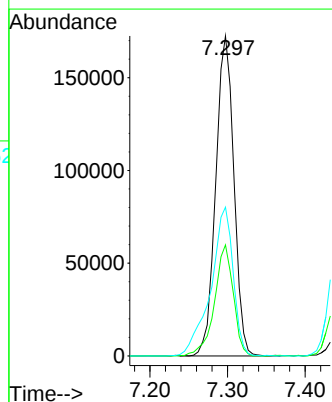
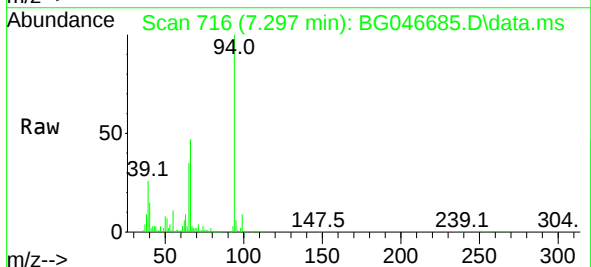
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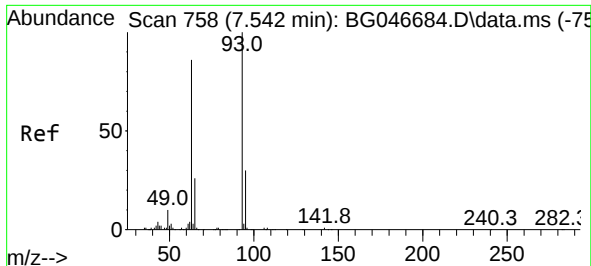
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#10  
Phenol  
Concen: 54.85 ng  
RT: 7.297 min Scan# 716  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

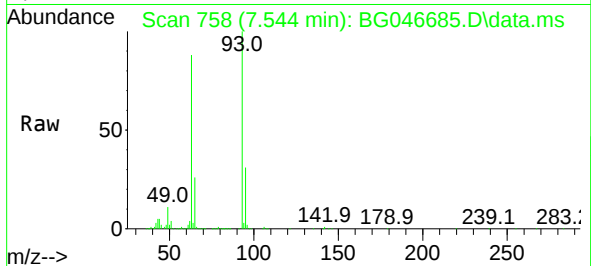
Tgt Ion: 94 Resp: 280187  
Ion Ratio Lower Upper  
94 100  
65 34.7 6.6 46.6  
66 46.5 13.9 53.9





#11  
bis(2-Chloroethyl)ether  
Concen: 53.13 ng  
RT: 7.544 min Scan# 758  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

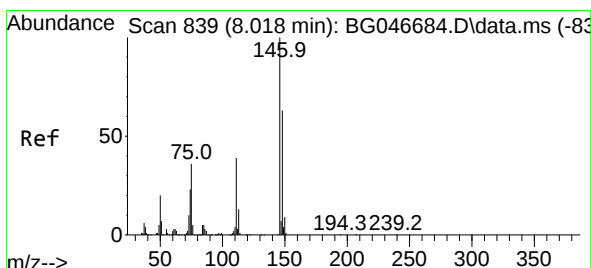
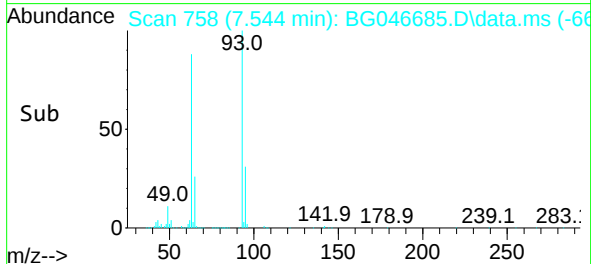
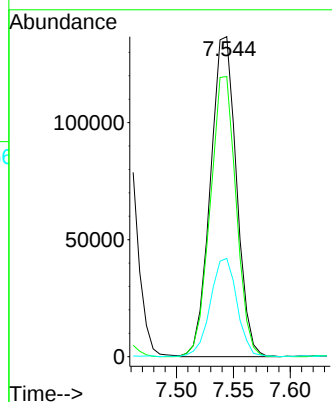
Instrument :  
BNA\_G  
ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 87.5  | 56.4  | 96.4  |
| 95      | 30.7  | 13.8  | 53.8  |

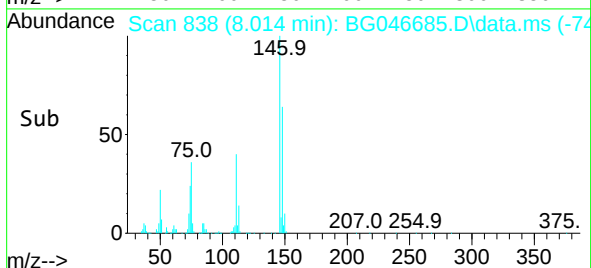
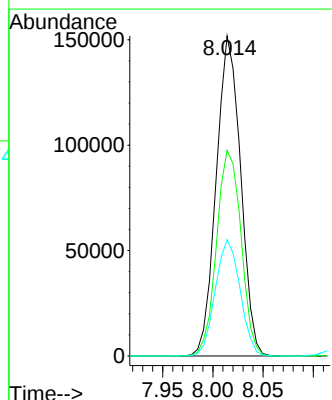
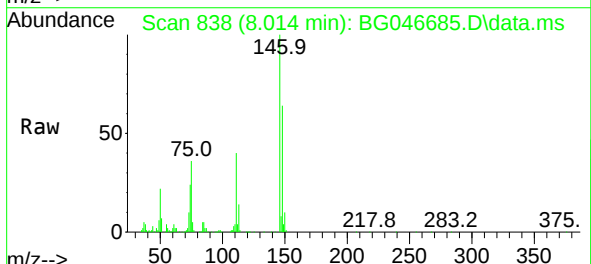
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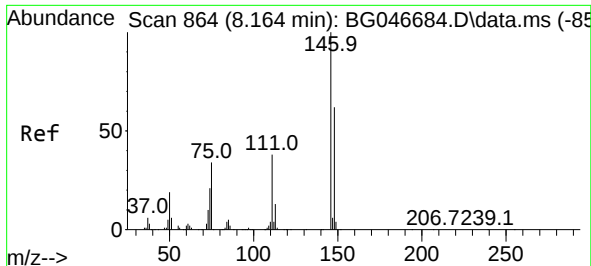
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#12  
1,3-Dichlorobenzene  
Concen: 48.84 ng  
RT: 8.014 min Scan# 838  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 50.1  | 75.1  |
| 75      | 36.4  | 20.1  | 30.1  |





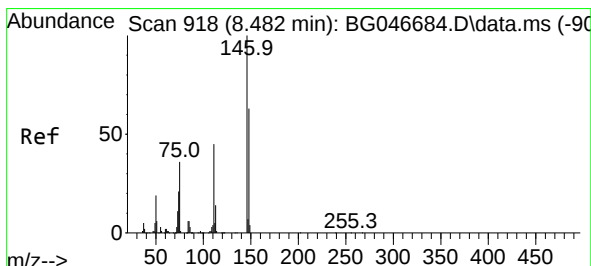
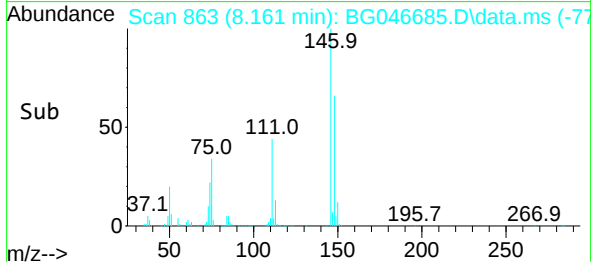
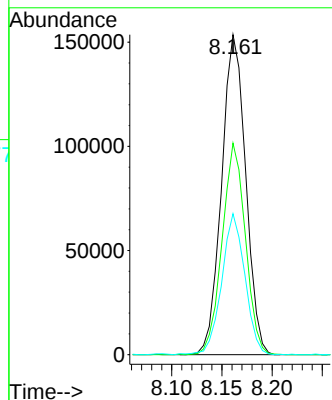
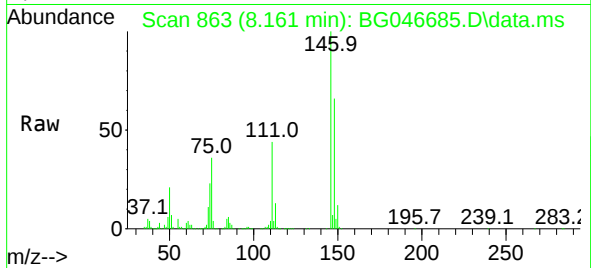
#13  
1,4-Dichlorobenzene  
Concen: 48.71 ng  
RT: 8.161 min Scan# 863  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:146 Resp: 256050  
Ion Ratio Lower Upper  
146 100  
148 66.1 51.1 76.7  
111 44.1 29.7 44.5

Instrument :  
BNA\_G  
ClientSampleId :  
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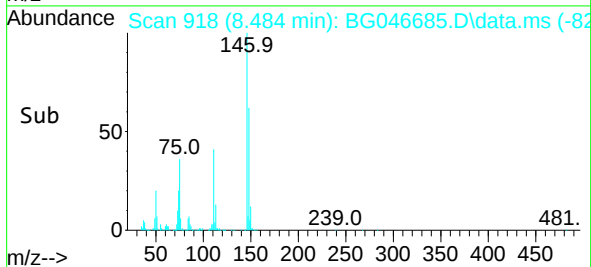
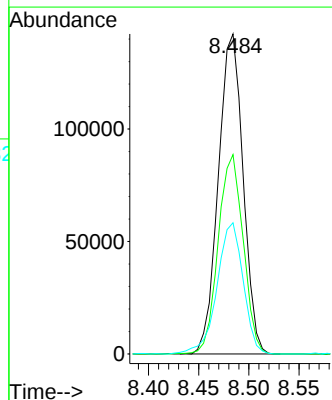
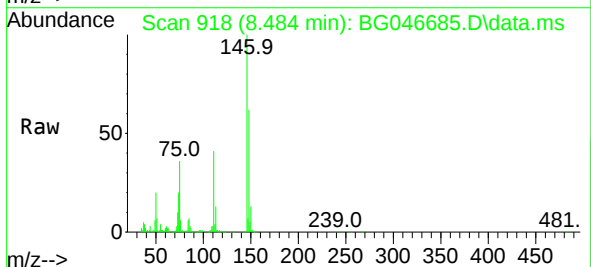
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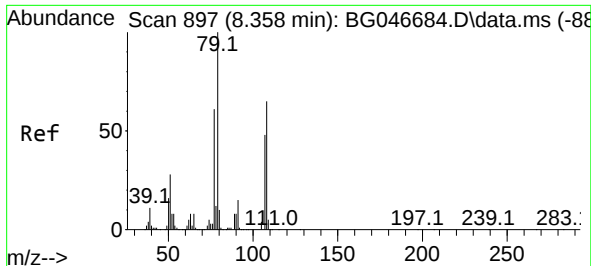
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#14  
1,2-Dichlorobenzene  
Concen: 48.35 ng  
RT: 8.484 min Scan# 918  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

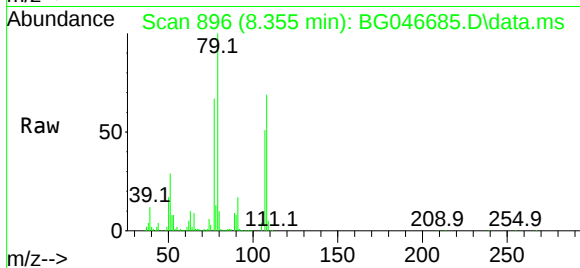
Tgt Ion:146 Resp: 243702  
Ion Ratio Lower Upper  
146 100  
148 62.3 53.0 79.6  
111 41.0 30.7 46.1





#15  
Benzyl Alcohol  
Concen: 64.79 ng  
RT: 8.355 min Scan# 896  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

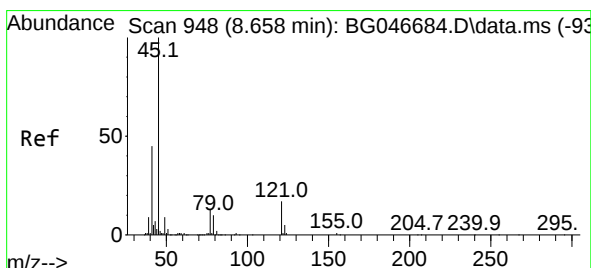
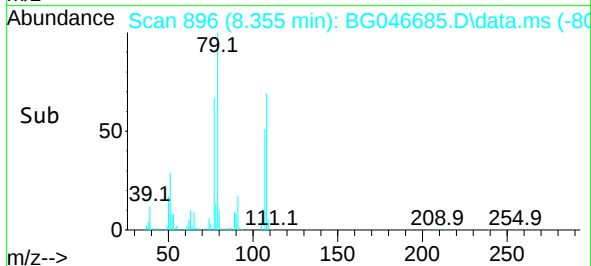
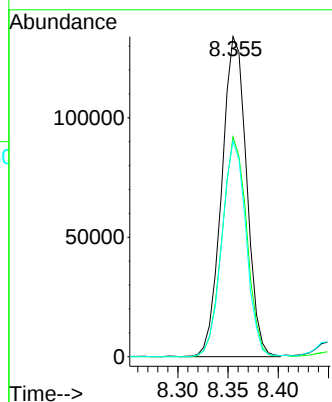
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050



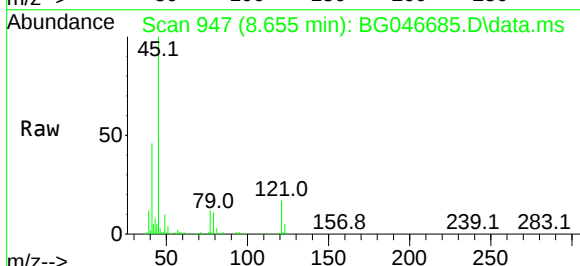
Tgt Ion: 79 Resp: 230728  
Ion Ratio Lower Upper  
79 100  
108 68.7 65.5 98.3  
77 67.3 50.1 75.1

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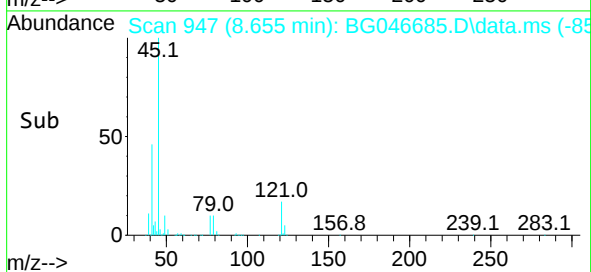
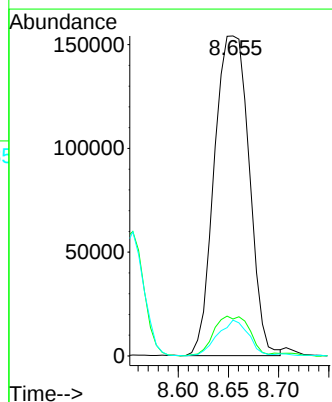
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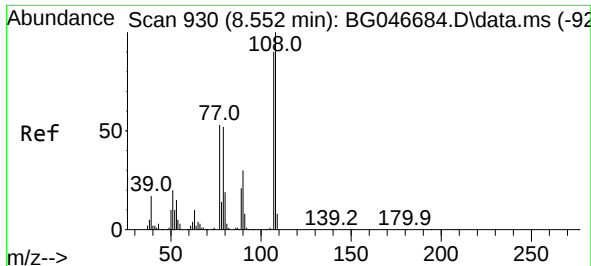


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 58.37 ng  
RT: 8.655 min Scan# 947  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

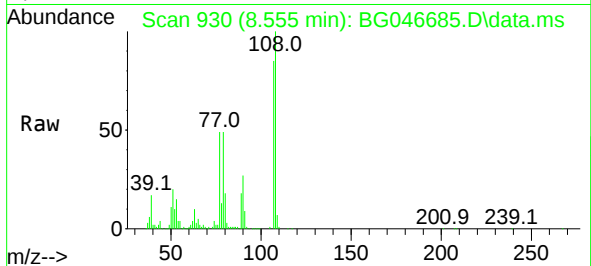


Tgt Ion: 45 Resp: 371763  
Ion Ratio Lower Upper  
45 100  
77 11.5 0.0 33.4  
79 11.2 0.0 30.8

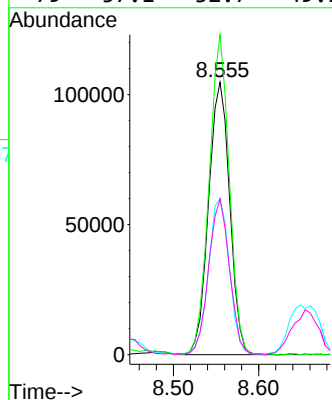




#17  
2-Methylphenol  
Concen: 49.79 ng  
RT: 8.555 min Scan# 930  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



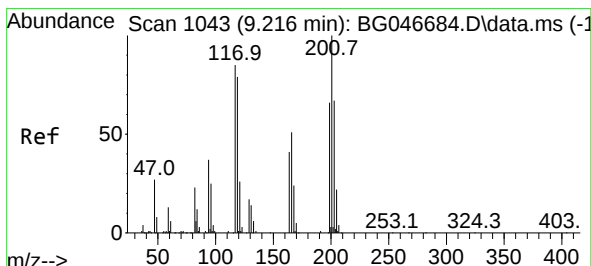
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 180399 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 117.4 | 87.2  | 130.8  |
| 77        | 57.2  | 33.8  | 50.8#  |
| 79        | 57.1  | 32.7  | 49.1#  |



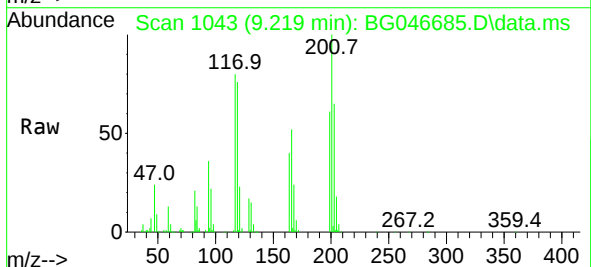
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

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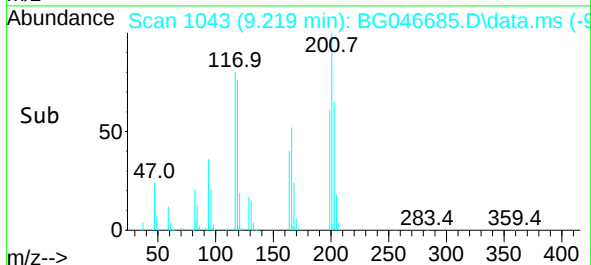
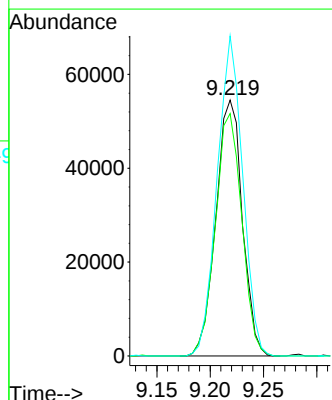
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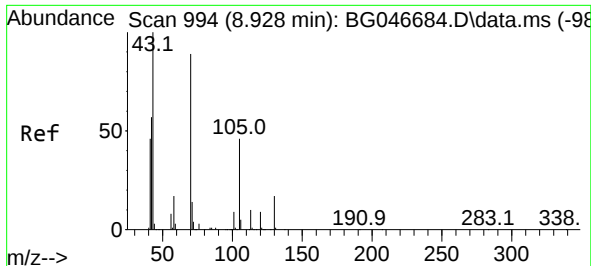


#18  
Hexachloroethane  
Concen: 52.82 ng  
RT: 9.219 min Scan# 1043  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



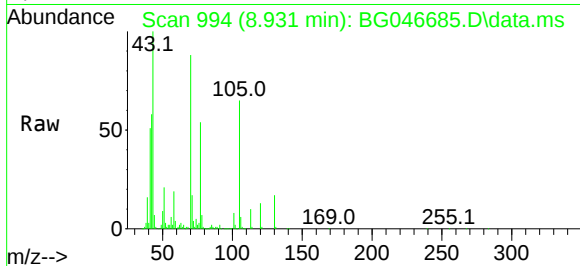
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 94126 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 94.7  | 77.5  | 116.3 |
| 201       | 128.6 | 104.9 | 157.3 |



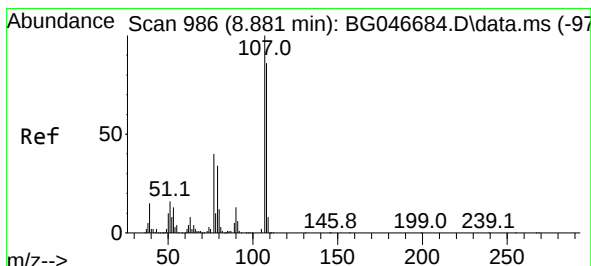
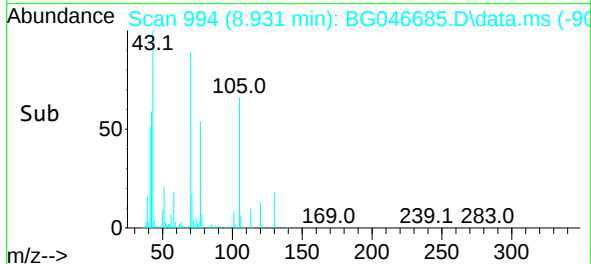
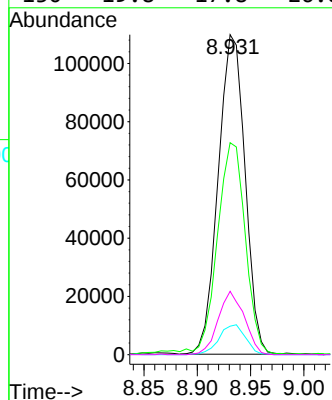


#19  
n-Nitroso-di-n-propylamine  
Concen: 57.79 ng  
RT: 8.931 min Scan# 994  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

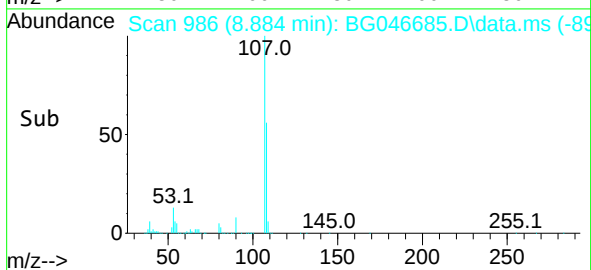
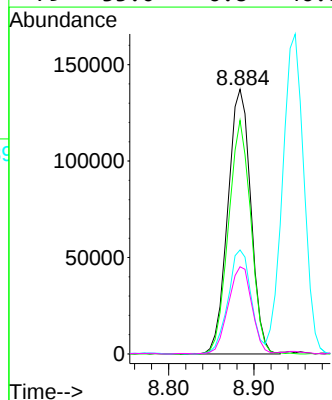
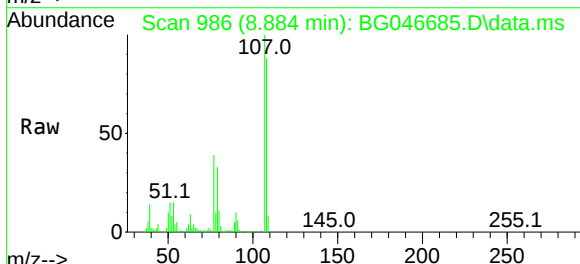


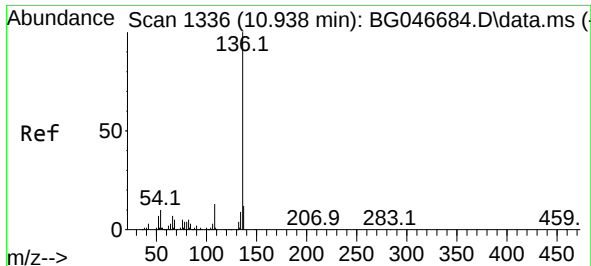
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 191738 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 66.3  | 45.6  | 68.4   |
| 101      | 8.9   | 8.4   | 12.6   |
| 130      | 19.8  | 17.8  | 26.8   |



#20  
3+4-Methylphenols  
Concen: 51.38 ng  
RT: 8.884 min Scan# 986  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 256918 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.3  | 70.6  | 110.6  |
| 77       | 39.3  | 10.2  | 50.2   |
| 79       | 33.0  | 6.8   | 46.8   |





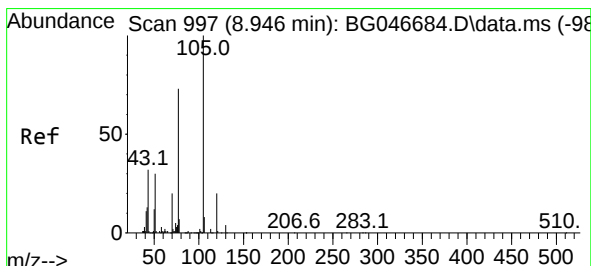
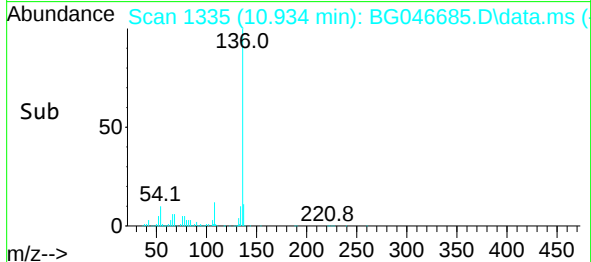
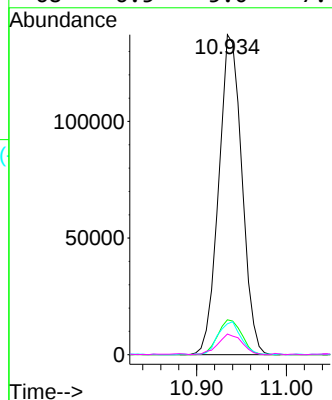
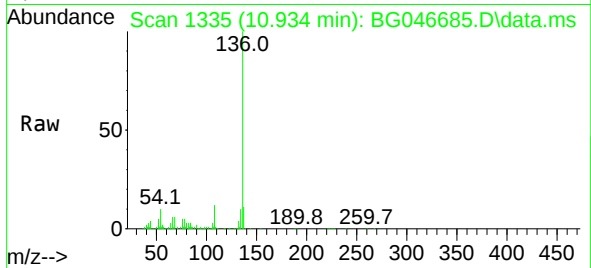
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.934 min Scan# 1335  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 245465 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 9.1   | 13.7   |
| 54        | 9.7   | 6.2   | 9.4#   |
| 68        | 6.5   | 5.0   | 7.4    |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

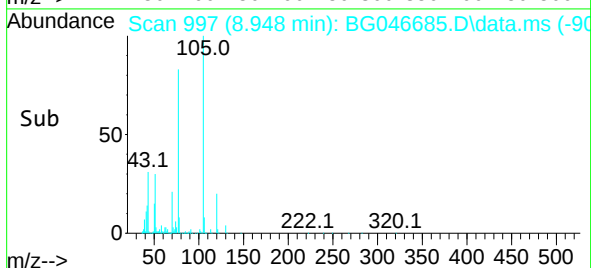
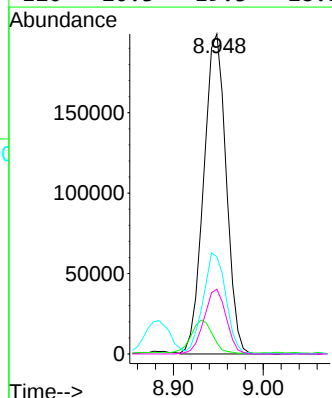
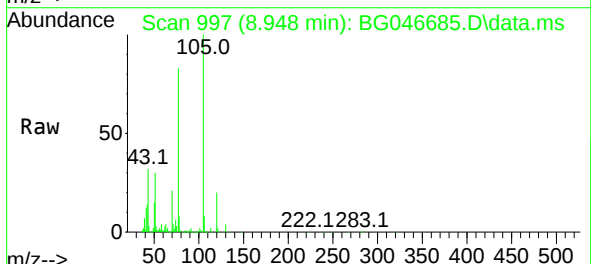
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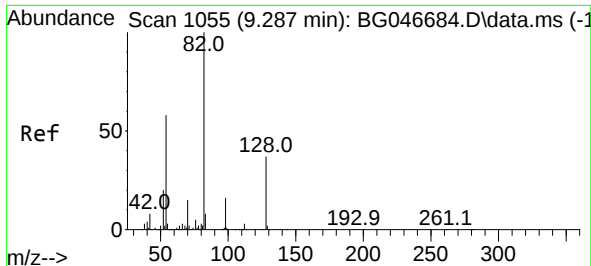
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#22  
Acetophenone  
Concen: 57.86 ng  
RT: 8.948 min Scan# 997  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 345704 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 3.6   | 2.7   | 4.1    |
| 51        | 30.4  | 21.0  | 31.6   |
| 120       | 20.3  | 19.3  | 28.9   |





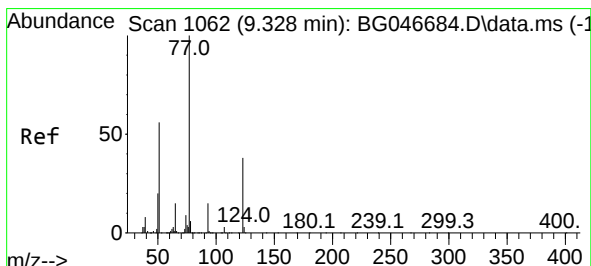
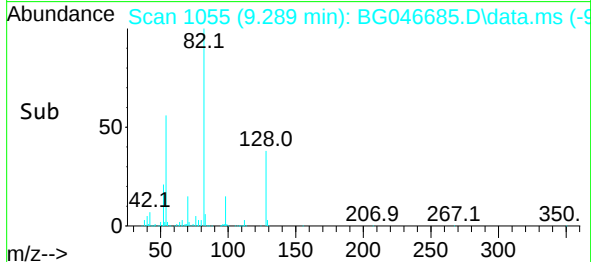
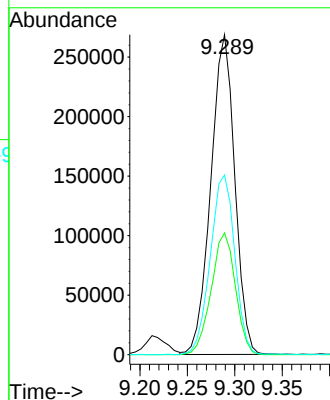
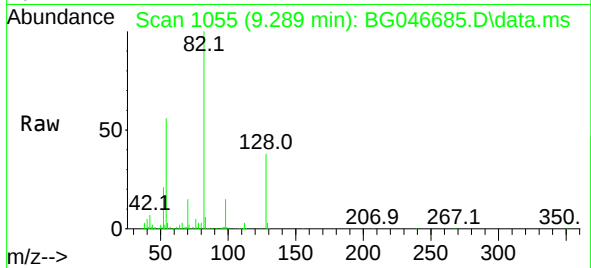
#23  
Nitrobenzene-d5  
Concen: 109.87 ng  
RT: 9.289 min Scan# 1055  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion: 82 Resp: 471877  
Ion Ratio Lower Upper  
82 100  
128 38.0 37.0 55.6  
54 56.1 39.0 58.4

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

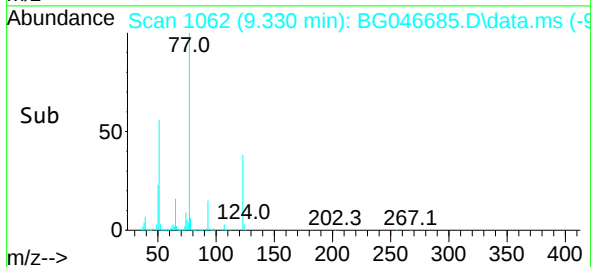
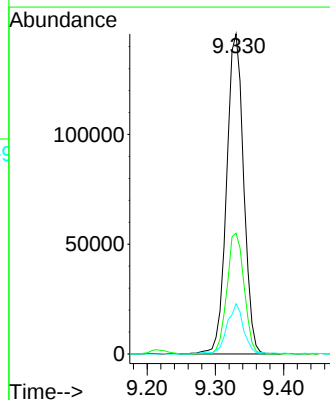
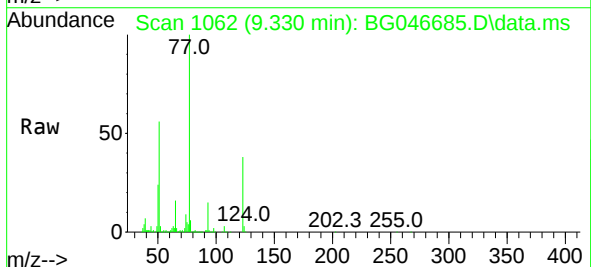
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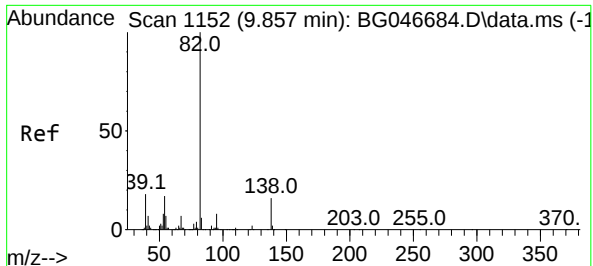
mohammad  
9/23/2020 10:44:56 AM



#24  
Nitrobenzene  
Concen: 59.82 ng  
RT: 9.330 min Scan# 1062  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion: 77 Resp: 253798  
Ion Ratio Lower Upper  
77 100  
123 37.8 39.7 59.5#  
65 15.7 10.4 15.6#





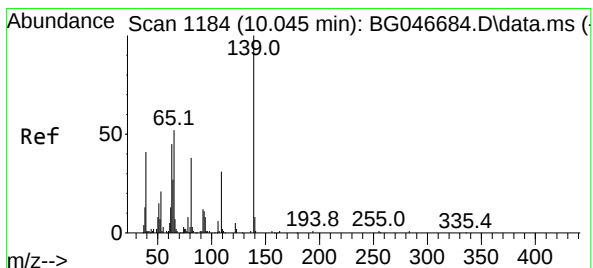
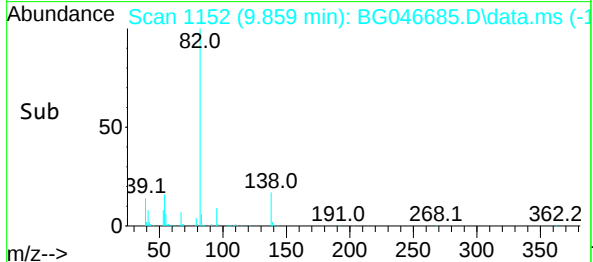
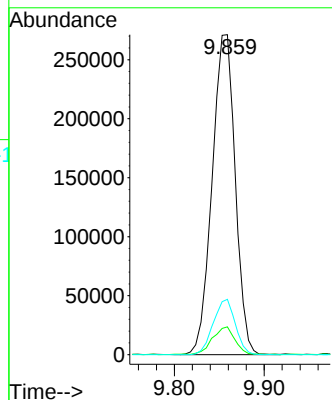
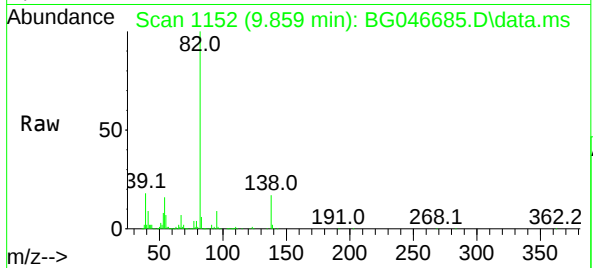
#25  
Isophorone  
Concen: 61.61 ng  
RT: 9.859 min Scan# 1152  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion: 82 Resp: 485091  
Ion Ratio Lower Upper  
82 100  
95 8.7 5.6 8.4#  
138 17.3 15.8 23.6

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

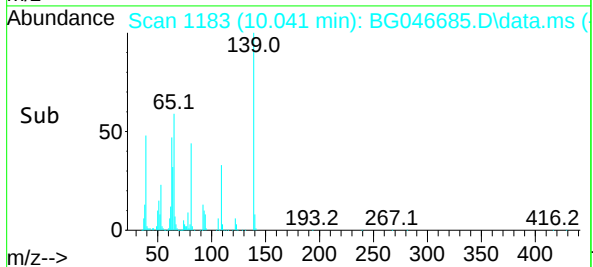
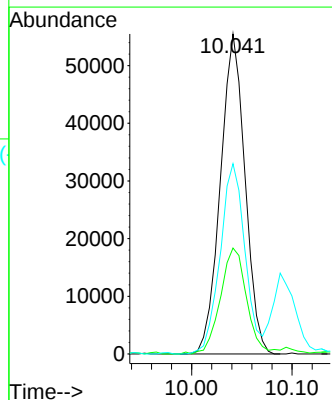
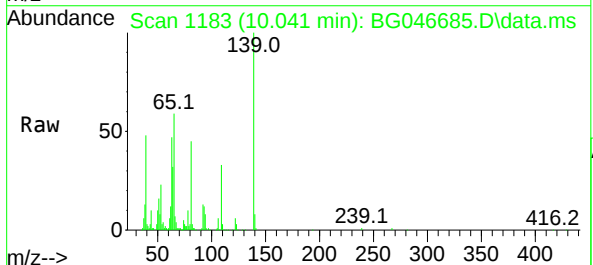
Manual Integrations  
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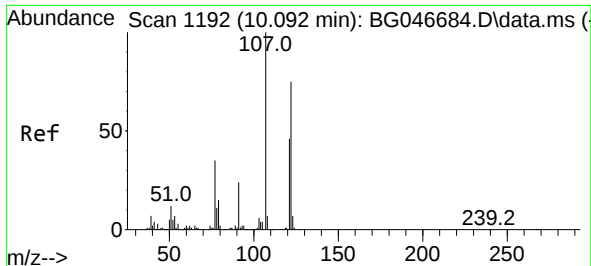
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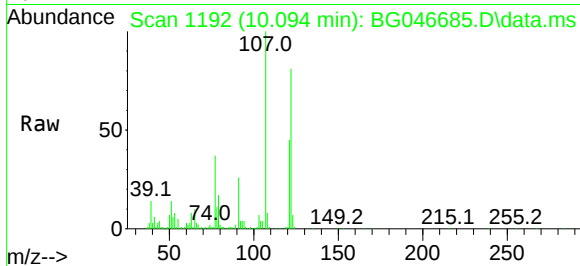
#26  
2-Nitrophenol  
Concen: 42.15 ng  
RT: 10.041 min Scan# 1183  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:139 Resp: 94354  
Ion Ratio Lower Upper  
139 100  
109 33.1 20.7 31.1#  
65 59.5 36.1 54.1#

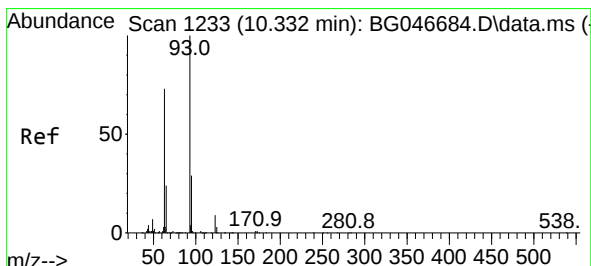
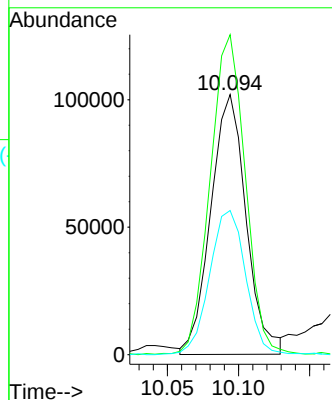
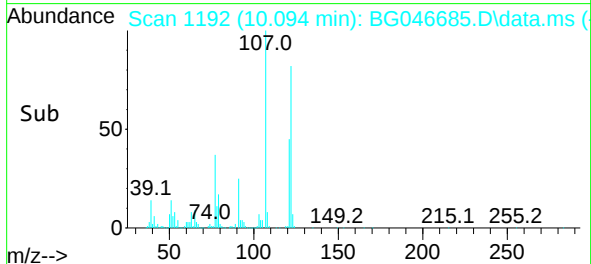




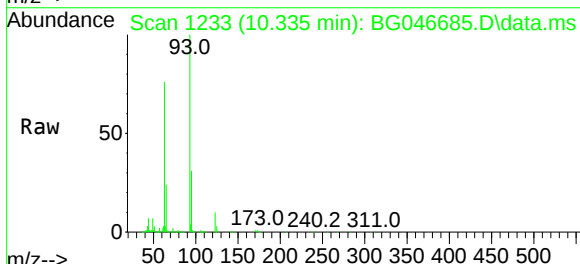
#27  
2,4-Dimethylphenol  
Concen: 57.33 ng  
RT: 10.094 min Scan# 1192  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



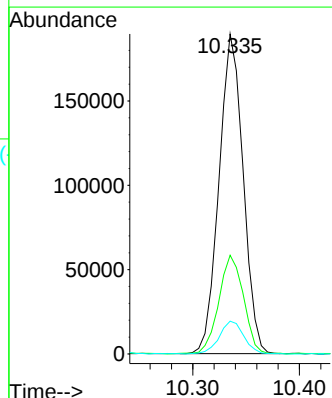
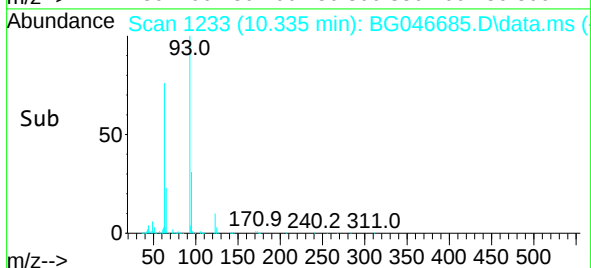
Tgt Ion:122 Resp: 176502  
Ion Ratio Lower Upper  
122 100  
107 123.0 89.2 133.8  
121 55.4 46.9 70.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 58.74 ng  
RT: 10.335 min Scan# 1233  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



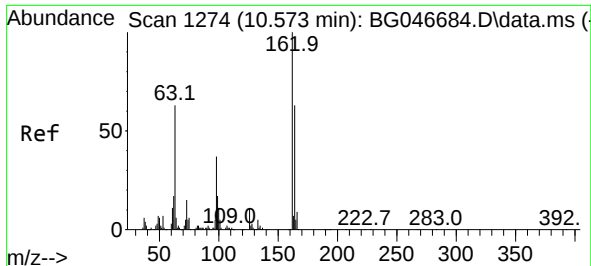
Tgt Ion: 93 Resp: 297688  
Ion Ratio Lower Upper  
93 100  
95 30.9 26.5 39.7  
123 10.3 9.4 14.0



Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

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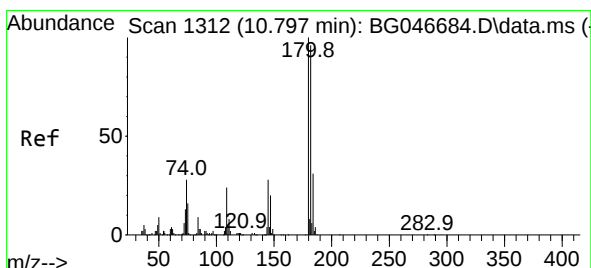
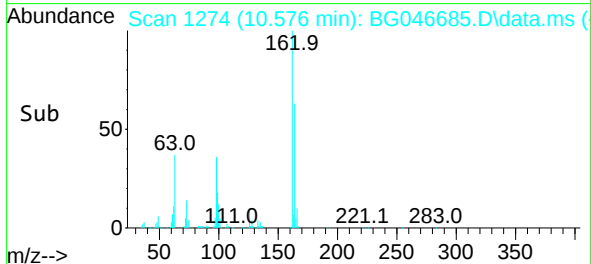
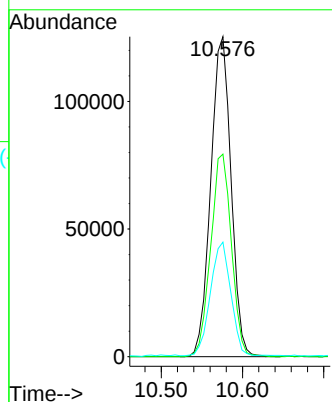
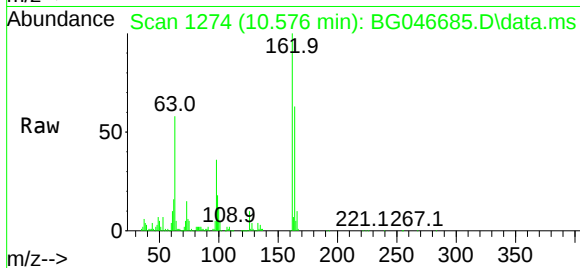
#29  
2,4-Dichlorophenol  
Concen: 52.99 ng  
RT: 10.576 min Scan# 1274  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:162 Resp: 217478  
Ion Ratio Lower Upper  
162 100  
164 63.3 45.6 85.6  
98 35.8 11.0 51.0

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

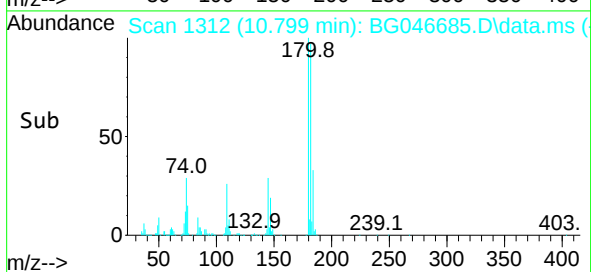
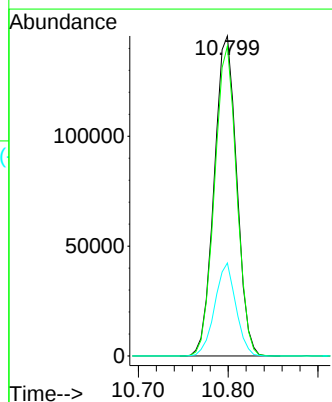
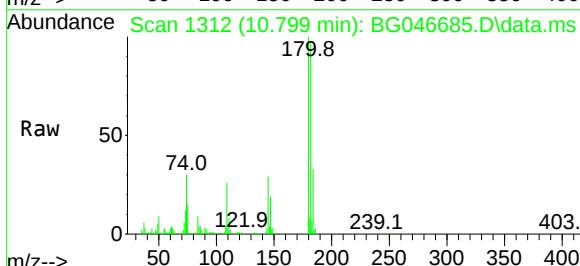
Manual Integrations  
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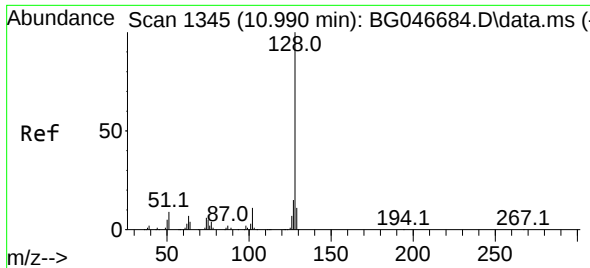
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#30  
1,2,4-Trichlorobenzene  
Concen: 52.03 ng  
RT: 10.799 min Scan# 1312  
Delta R.T. 0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:180 Resp: 253400  
Ion Ratio Lower Upper  
180 100  
182 96.8 76.9 115.3  
145 29.0 21.4 32.0





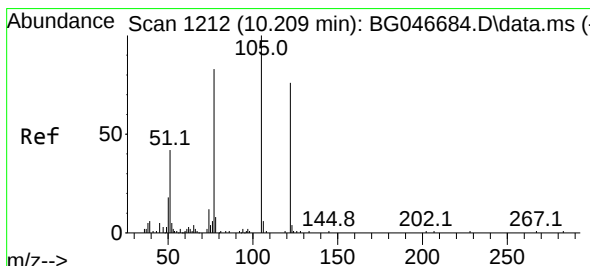
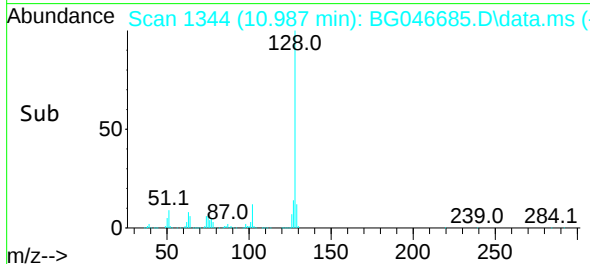
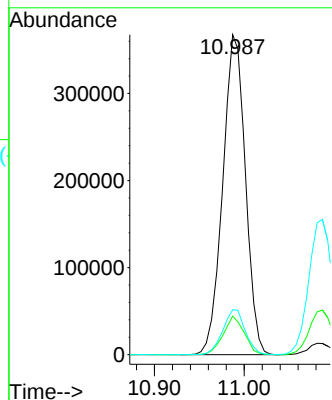
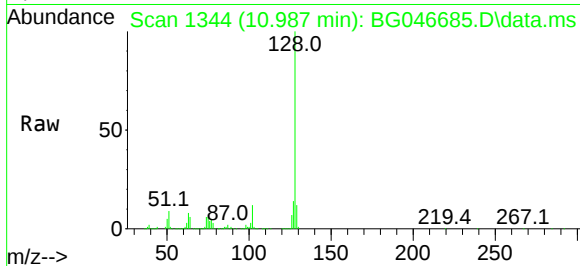
#31  
Naphthalene  
Concen: 53.71 ng  
RT: 10.987 min Scan# 1344  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:128 Resp: 643718  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.0 13.6  
127 14.1 11.0 16.4

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

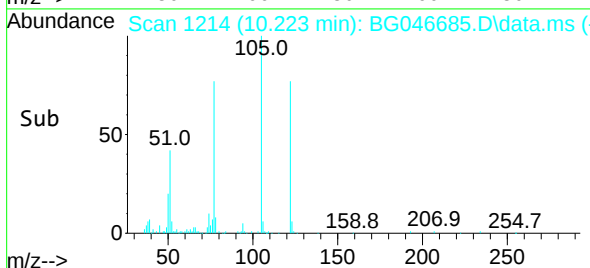
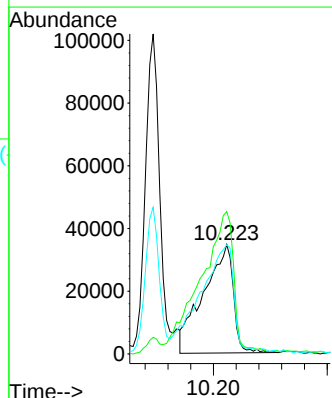
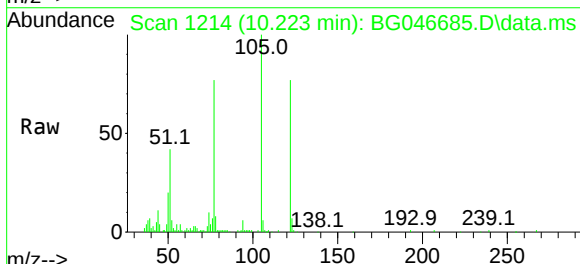
Manual Integrations  
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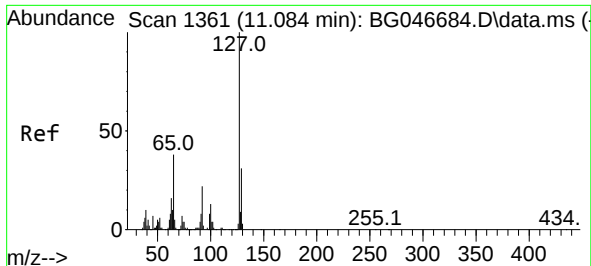
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#32  
Benzoic acid  
Concen: 65.82 ng  
RT: 10.223 min Scan# 1214  
Delta R.T. 0.014 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

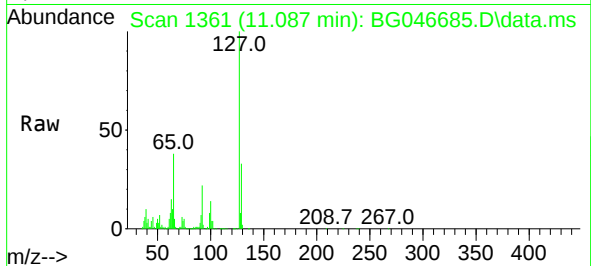
Tgt Ion:122 Resp: 125614  
Ion Ratio Lower Upper  
122 100  
105 130.1 103.7 143.7  
77 99.8 63.0 103.0





#33  
4-Chloroaniline  
Concen: 53.64 ng  
RT: 11.087 min Scan# 1361  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

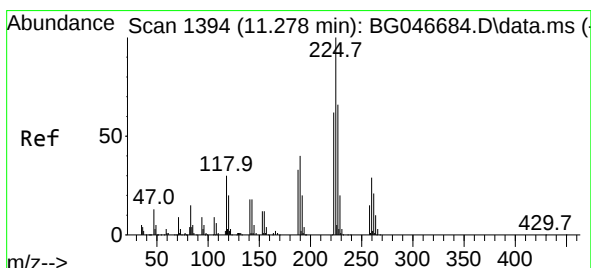
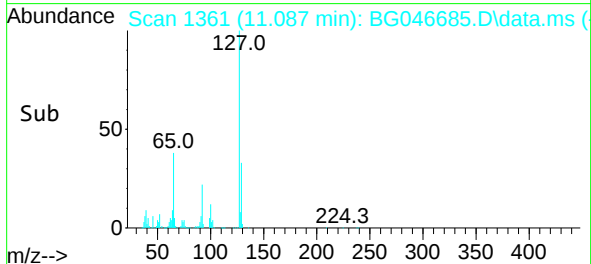
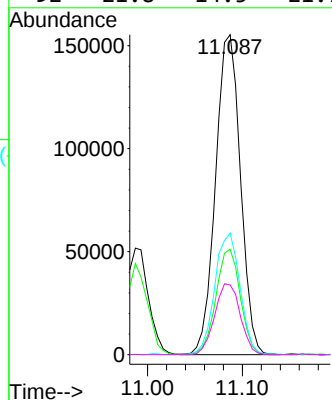
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 283483 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 33.0  | 26.8  | 40.2   |
| 65        | 38.0  | 23.8  | 35.6#  |
| 92        | 21.8  | 14.5  | 21.7#  |

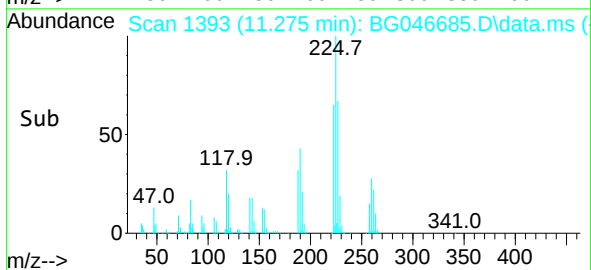
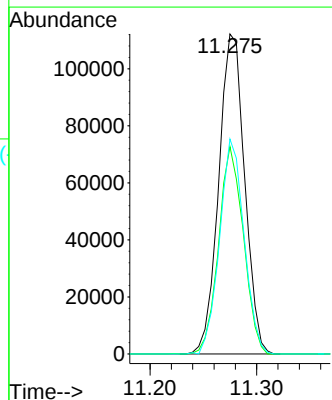
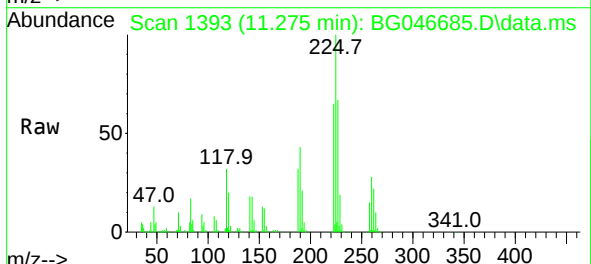
Manual Integrations  
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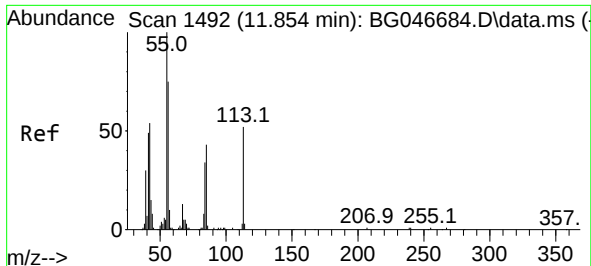
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#34  
Hexachlorobutadiene  
Concen: 59.89 ng  
RT: 11.275 min Scan# 1393  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

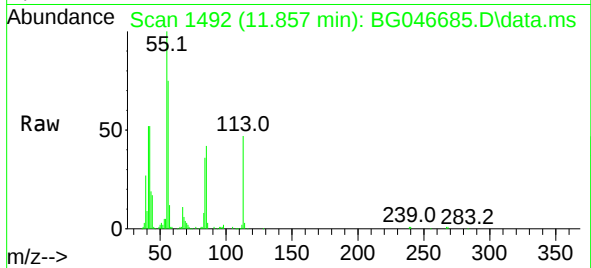
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 189337 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 65.4  | 49.5  | 74.3   |
| 227       | 64.0  | 52.0  | 78.0   |





#35  
Caprolactam  
Concen: 45.45 ng  
RT: 11.857 min Scan# 1492  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

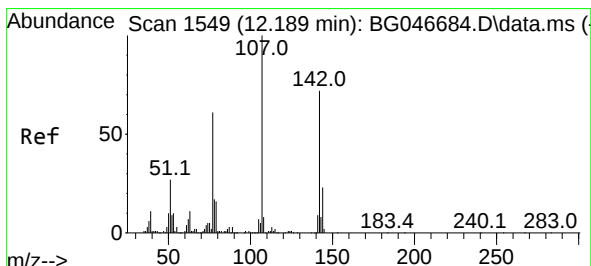
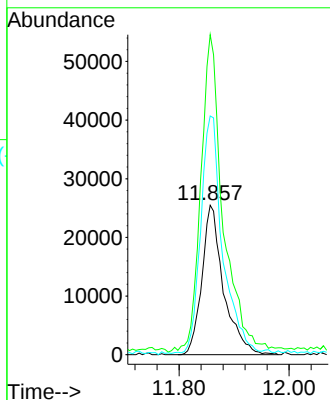
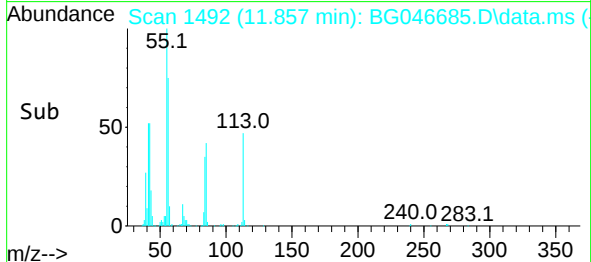
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BNA\_G  
ClientSampleId :  
SSTDIC050



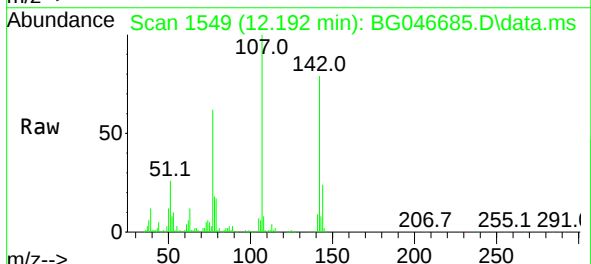
Tgt Ion:113 Resp: 69727  
Ion Ratio Lower Upper  
113 100  
55 214.0 149.2 189.2#  
56 159.7 107.2 147.2#

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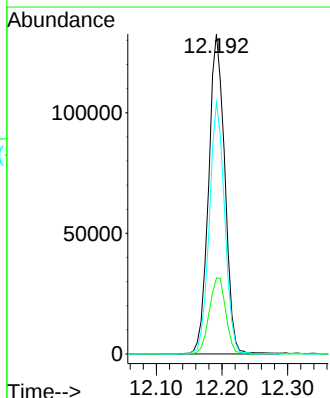
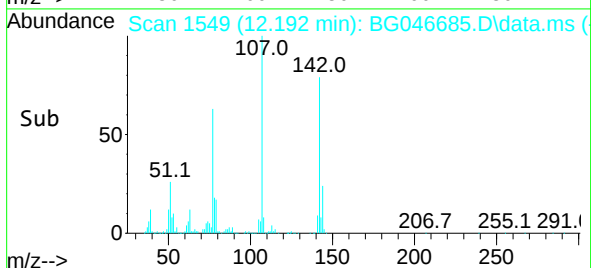
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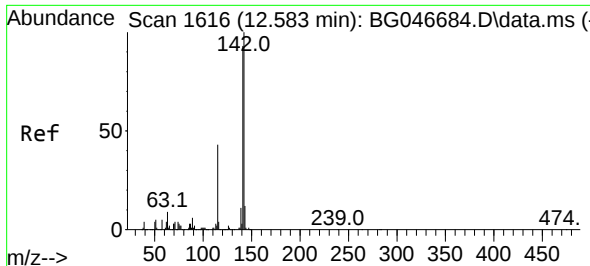


#36  
4-Chloro-3-methylphenol  
Concen: 56.53 ng  
RT: 12.192 min Scan# 1549  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



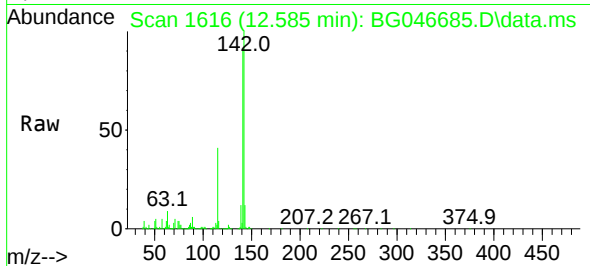
Tgt Ion:107 Resp: 226937  
Ion Ratio Lower Upper  
107 100  
144 23.8 22.5 33.7  
142 78.6 70.8 106.2





#37  
2-Methylnaphthalene  
Concen: 50.32 ng  
RT: 12.585 min Scan# 1616  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

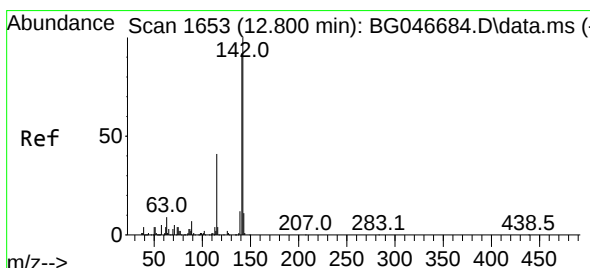
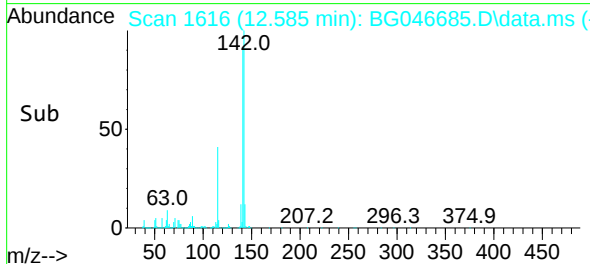
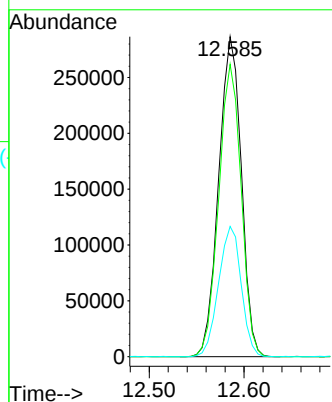
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:142 Resp: 475653  
Ion Ratio Lower Upper  
142 100  
141 91.4 71.6 107.4  
115 40.7 25.4 38.2#

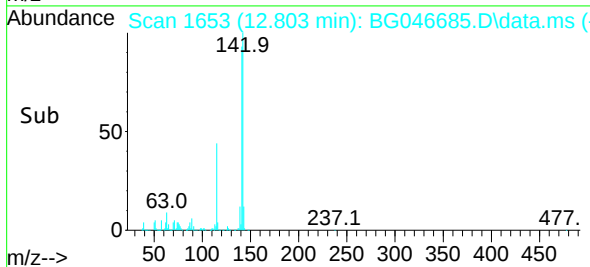
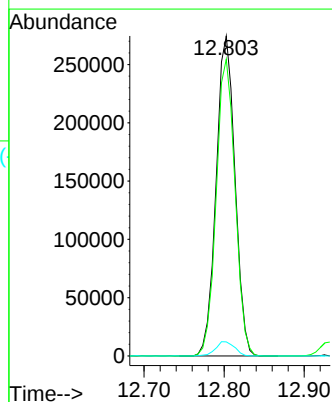
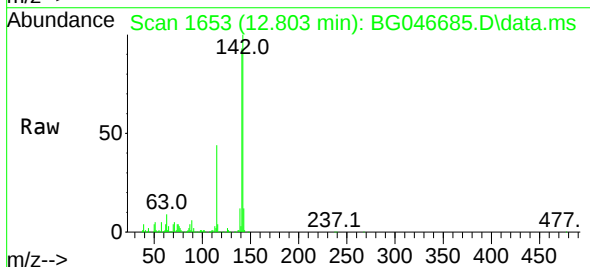
Manual Integrations  
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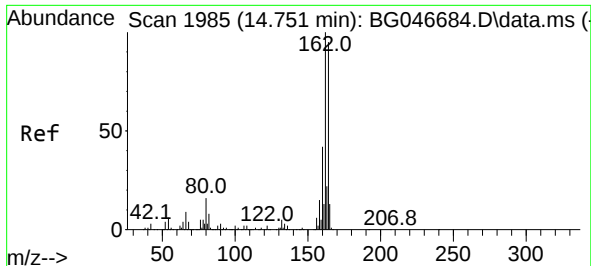
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 50.10 ng m  
RT: 12.803 min Scan# 1653  
Delta R.T. 0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

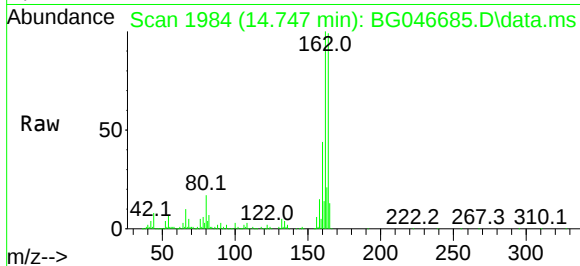
Tgt Ion:142 Resp: 448610  
Ion Ratio Lower Upper  
142 100  
141 92.7 75.4 113.2  
116 4.4 2.9 4.3#





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.747 min Scan# 1984  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

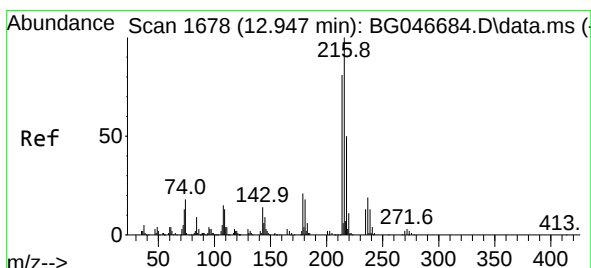
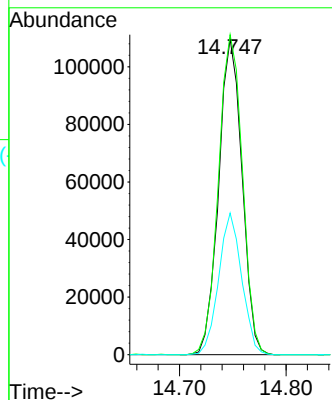
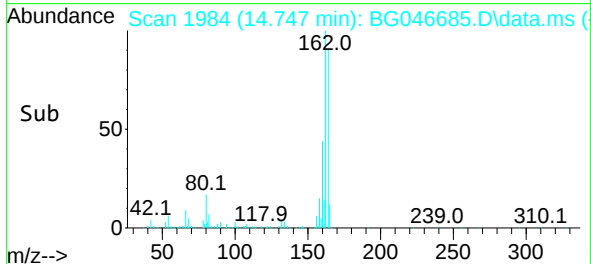
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050



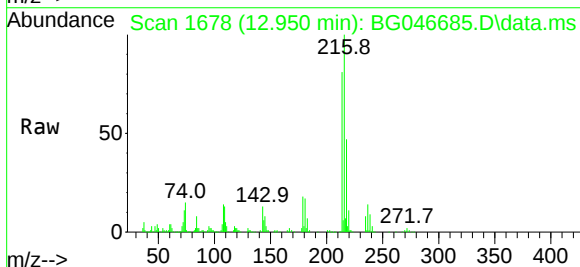
Tgt Ion:164 Resp: 166640  
Ion Ratio Lower Upper  
164 100  
162 101.4 82.3 123.5  
160 44.9 35.3 52.9

Manual Integrations  
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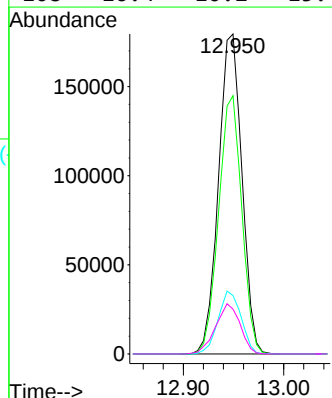
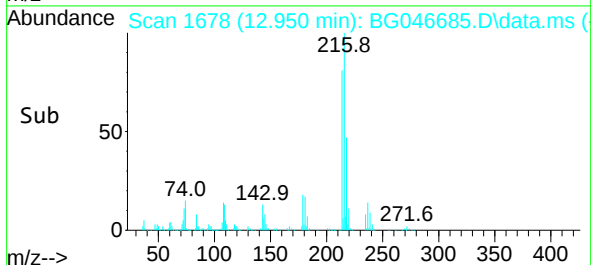
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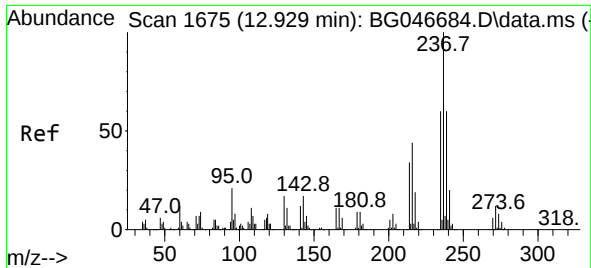


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 52.84 ng  
RT: 12.950 min Scan# 1678  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



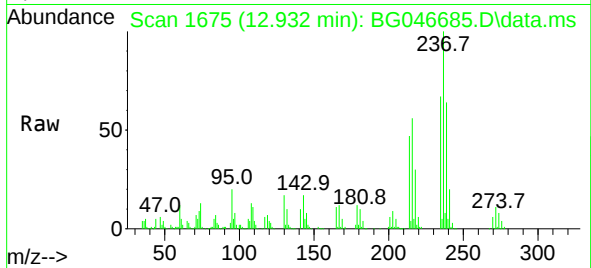
Tgt Ion:216 Resp: 290384  
Ion Ratio Lower Upper  
216 100  
214 79.8 61.9 92.9  
179 19.4 14.8 22.2  
108 16.4 10.2 15.4#





#41  
Hexachlorocyclopentadiene  
Concen: 73.00 ng  
RT: 12.932 min Scan# 1675  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

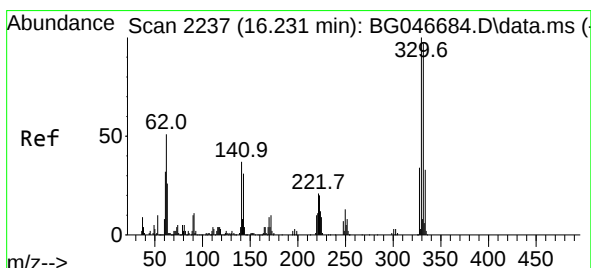
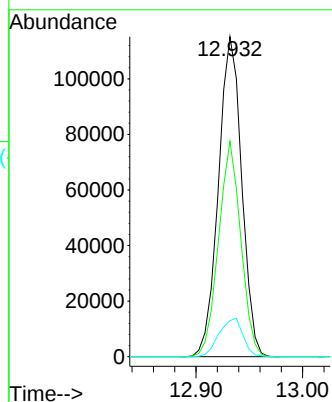
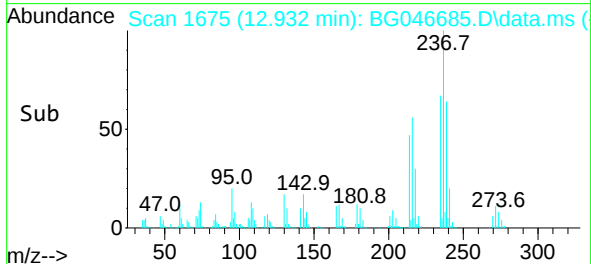
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050



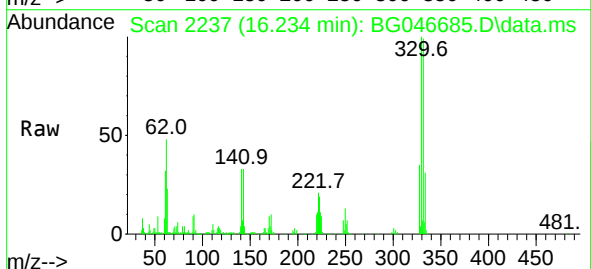
Tgt Ion:237 Resp: 174429  
Ion Ratio Lower Upper  
237 100  
235 67.3 43.1 83.1  
272 11.3 0.0 33.1

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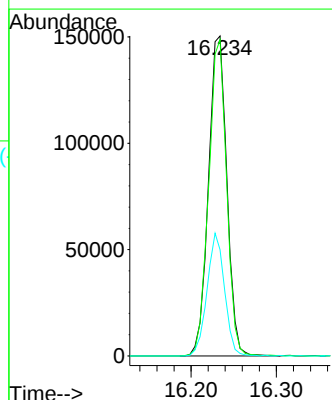
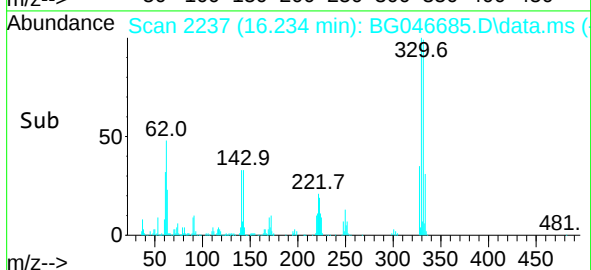
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9/23/2020 10:44:56 AM

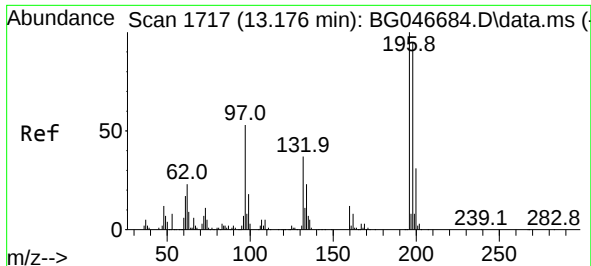


#42  
2,4,6-Tribromophenol  
Concen: 99.88 ng  
RT: 16.234 min Scan# 2237  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



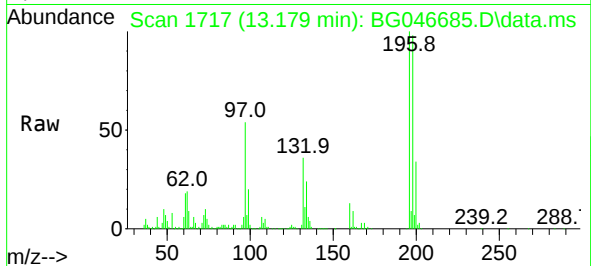
Tgt Ion:330 Resp: 225511  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.5 114.7  
141 36.4 26.0 39.0





#43  
2,4,6-Trichlorophenol  
Concen: 51.11 ng  
RT: 13.179 min Scan# 1717  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

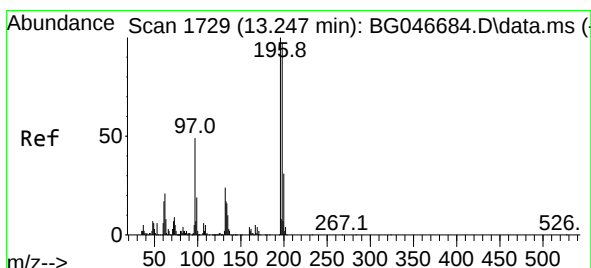
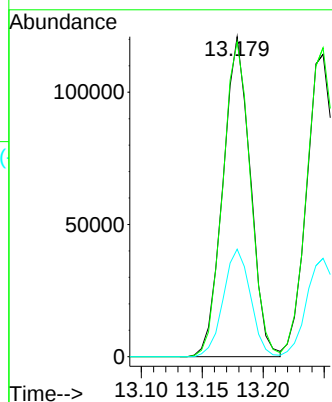
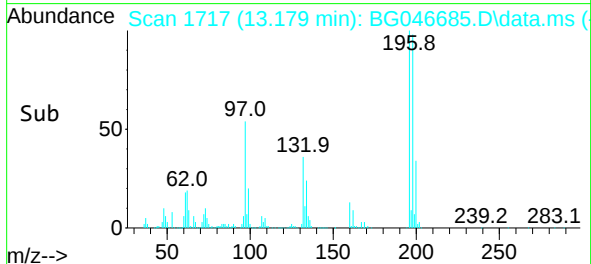
Instrument :  
BNA\_G  
ClientSampled :  
SSTDIC050



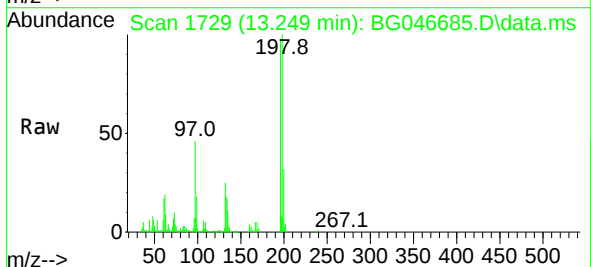
Tgt Ion:196 Resp: 189540  
Ion Ratio Lower Upper  
196 100  
198 98.4 74.9 112.3  
200 33.6 25.3 37.9

Manual Integrations  
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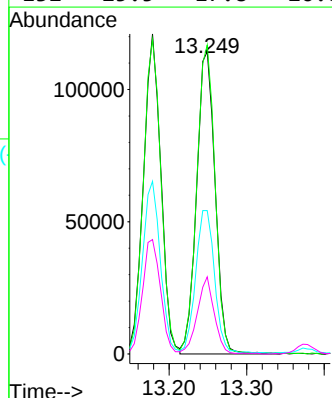
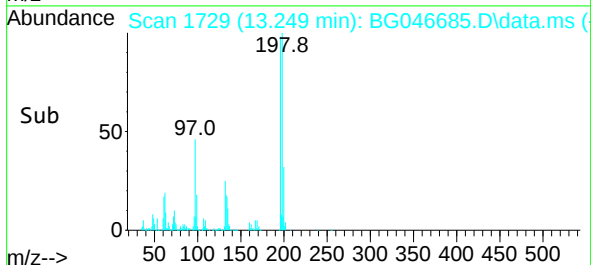
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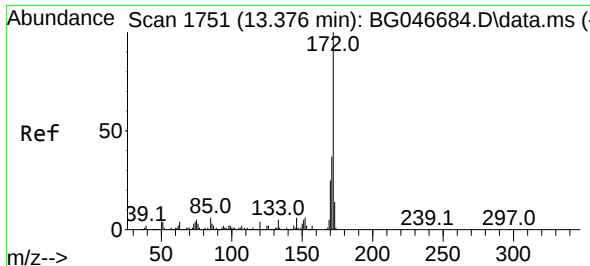


#44  
2,4,5-Trichlorophenol  
Concen: 48.74 ng  
RT: 13.249 min Scan# 1729  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



Tgt Ion:196 Resp: 189915  
Ion Ratio Lower Upper  
196 100  
198 102.1 77.6 116.4  
97 47.4 28.6 43.0#  
132 25.5 17.8 26.8





#45  
2-Fluorobiphenyl  
Concen: 103.24 ng  
RT: 13.378 min Scan# 1751  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

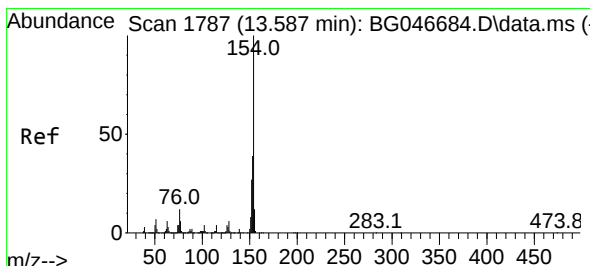
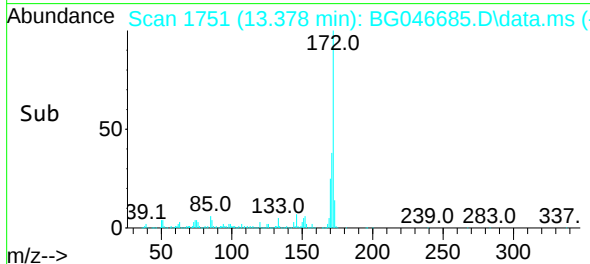
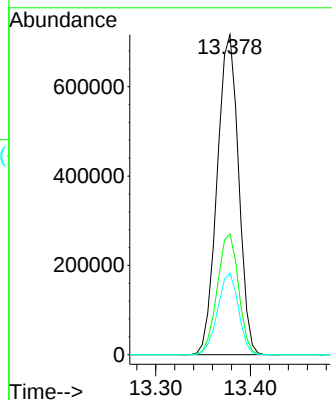
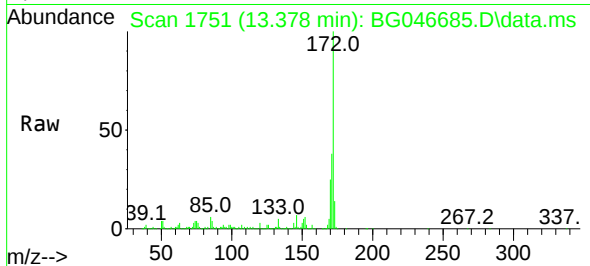
Tgt Ion:172 Resp: 1126926  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.8  | 31.3  | 46.9  |
| 170 | 25.5  | 20.8  | 31.2  |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

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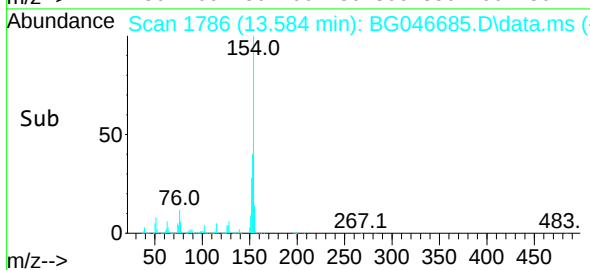
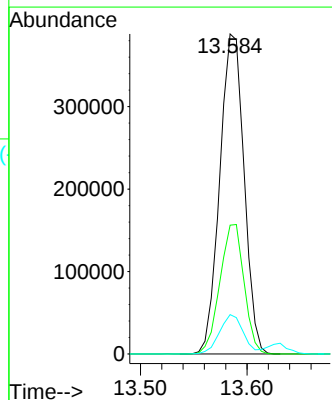
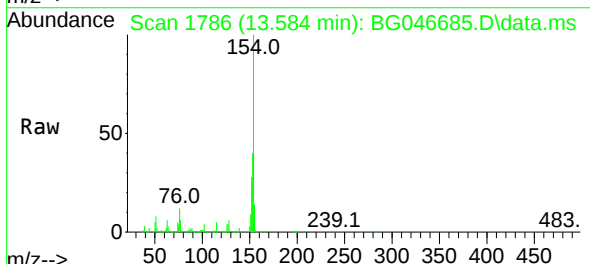
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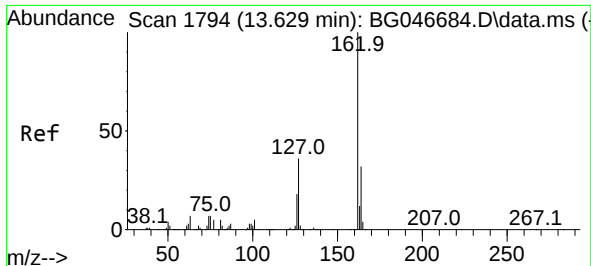


#46  
1,1'-Biphenyl  
Concen: 52.98 ng  
RT: 13.584 min Scan# 1786  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

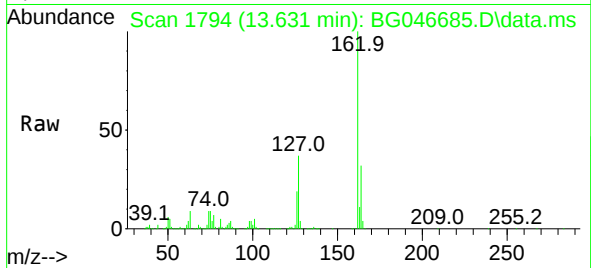
Tgt Ion:154 Resp: 614228  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.3  | 22.6  | 62.6  |
| 76  | 12.3  | 0.0   | 32.6  |

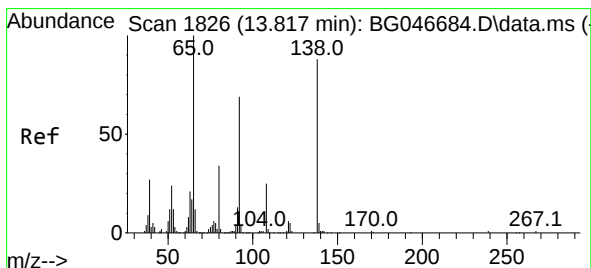
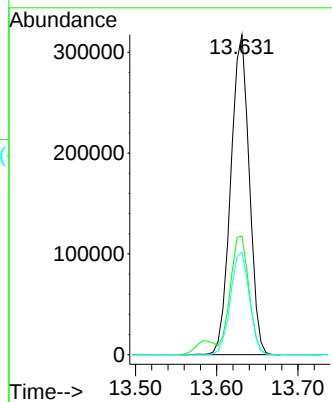
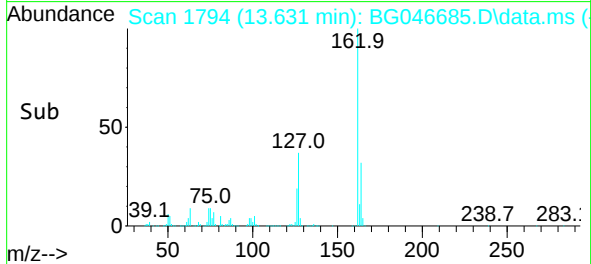




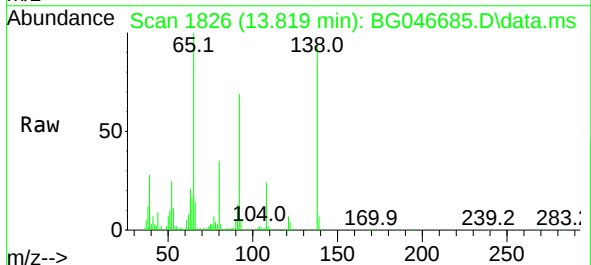
#47  
2-Chloronaphthalene  
Concen: 50.98 ng  
RT: 13.631 min Scan# 1794  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



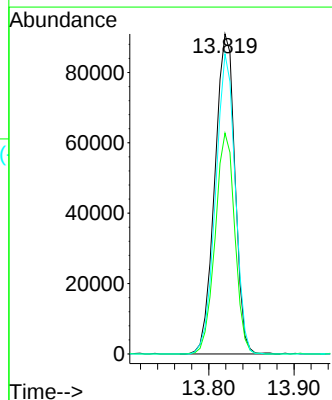
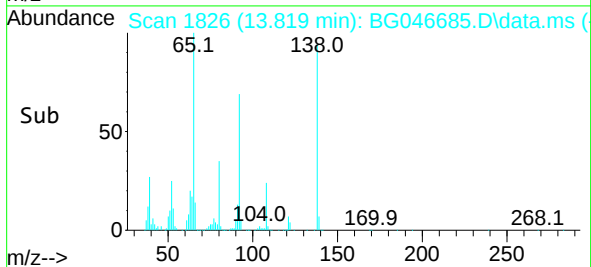
Tgt Ion:162 Resp: 501144  
Ion Ratio Lower Upper  
162 100  
127 37.1 27.8 41.6  
164 32.0 27.0 40.4



#48  
2-Nitroaniline  
Concen: 54.75 ng  
RT: 13.819 min Scan# 1826  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



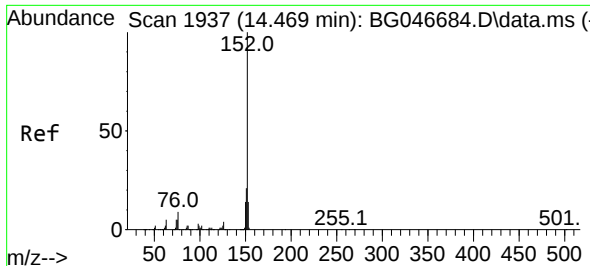
Tgt Ion: 65 Resp: 149449  
Ion Ratio Lower Upper  
65 100  
92 69.0 58.6 88.0  
138 93.7 98.2 147.4#



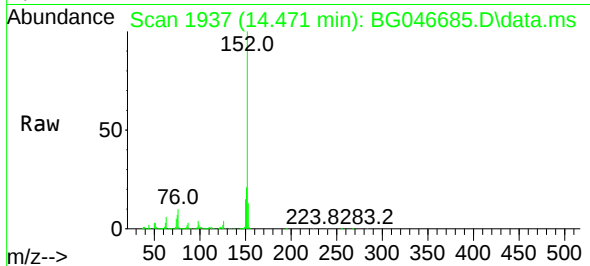
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

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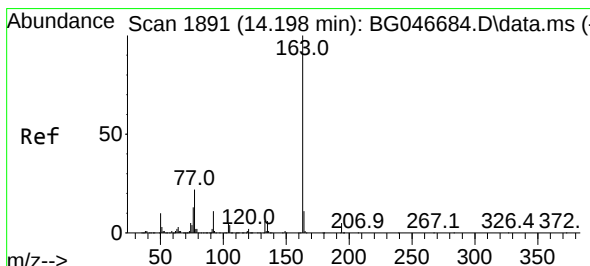
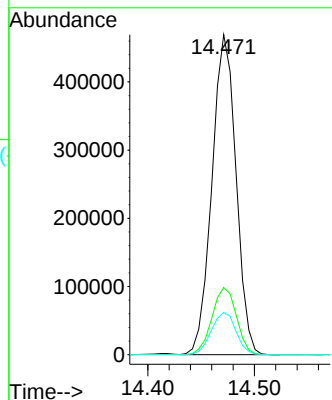
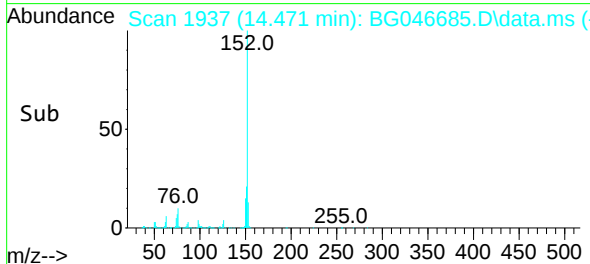
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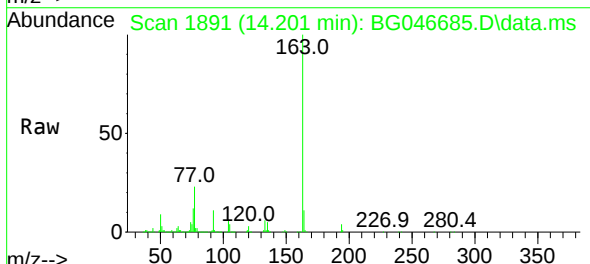
#49  
Acenaphthylene  
Concen: 49.27 ng  
RT: 14.471 min Scan# 1937  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



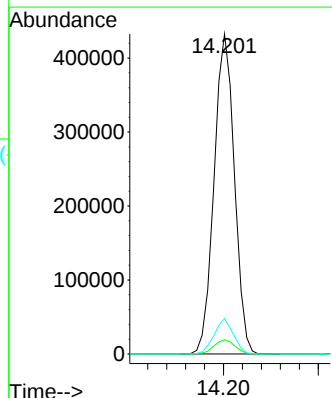
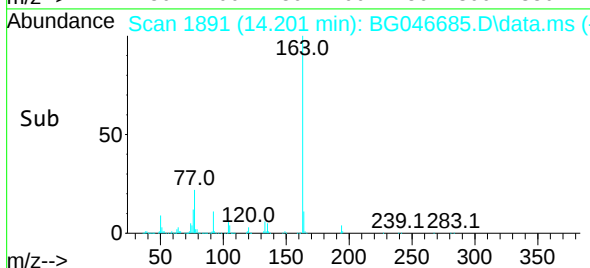
Tgt Ion:152 Resp: 734745  
Ion Ratio Lower Upper  
152 100  
151 21.0 17.4 26.0  
153 13.2 11.5 17.3



#50  
Dimethylphthalate  
Concen: 49.85 ng  
RT: 14.201 min Scan# 1891  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



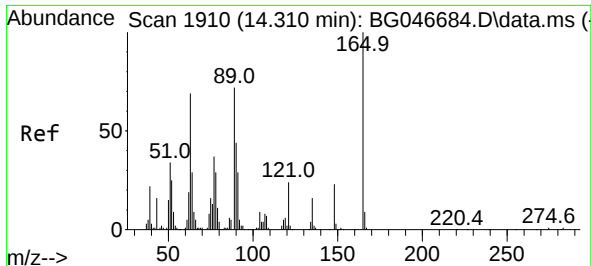
Tgt Ion:163 Resp: 642653  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.8 5.8  
164 11.1 8.8 13.2



Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

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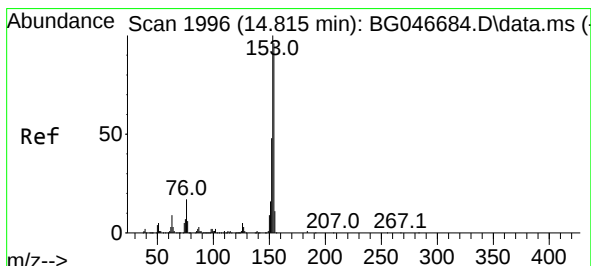
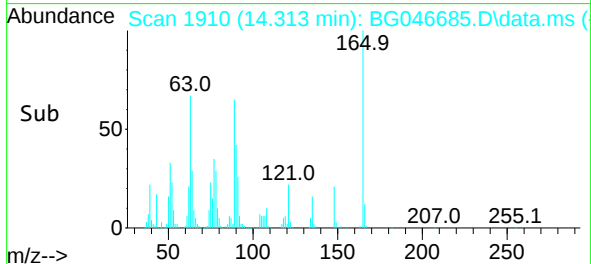
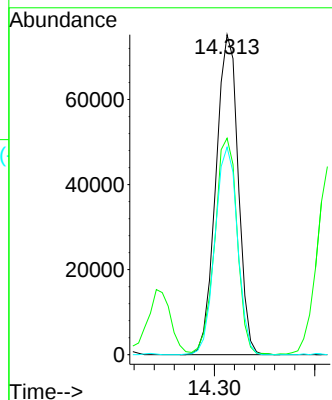
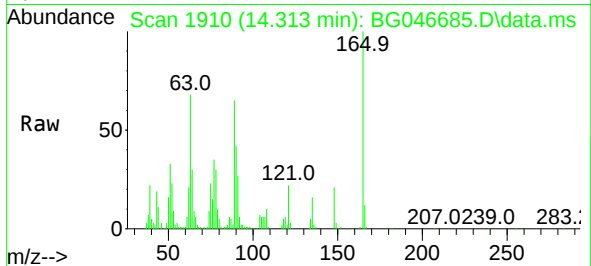
#51  
2,6-Dinitrotoluene  
Concen: 40.76 ng  
RT: 14.313 min Scan# 1910  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 67.6  | 33.7  | 50.5# |
| 89      | 64.8  | 36.6  | 54.8# |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

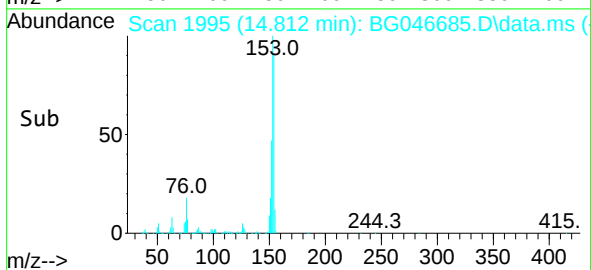
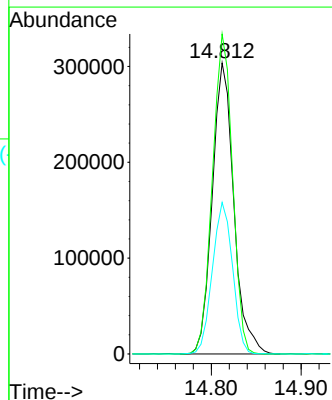
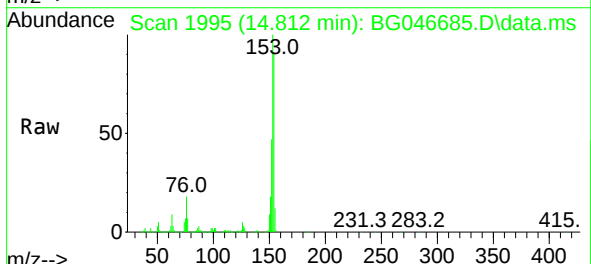
Manual Integrations  
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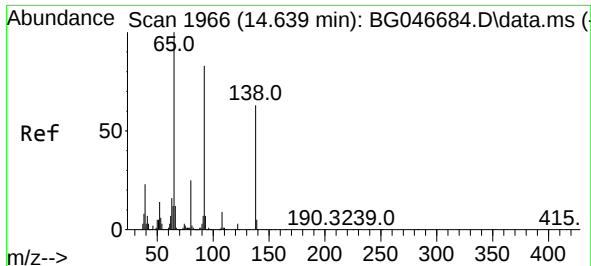
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#52  
Acenaphthene  
Concen: 54.72 ng  
RT: 14.812 min Scan# 1995  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

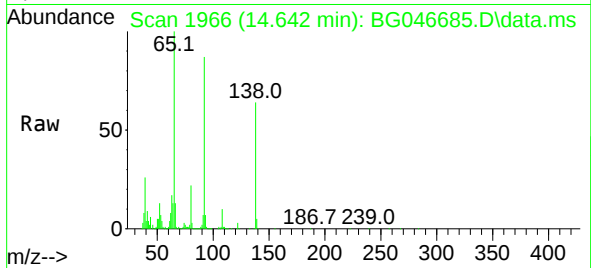
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 109.9 | 90.3  | 135.5 |
| 152     | 52.1  | 43.8  | 65.8  |





#53  
3-Nitroaniline  
Concen: 42.26 ng  
RT: 14.642 min Scan# 1966  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

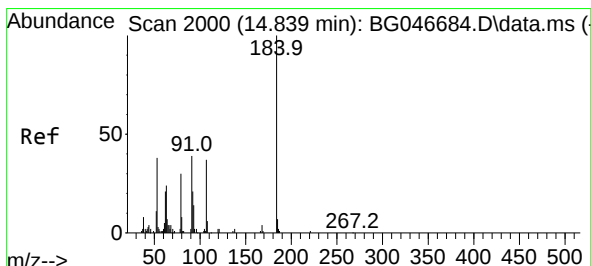
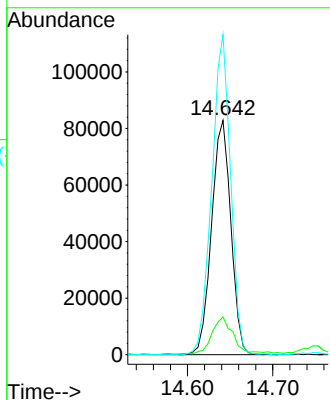
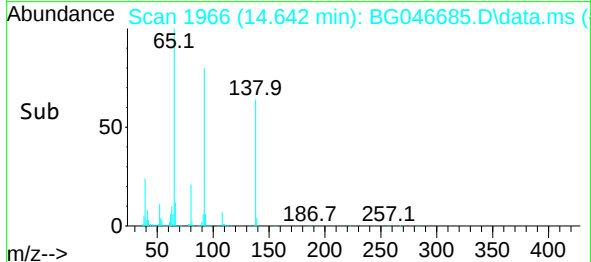
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050



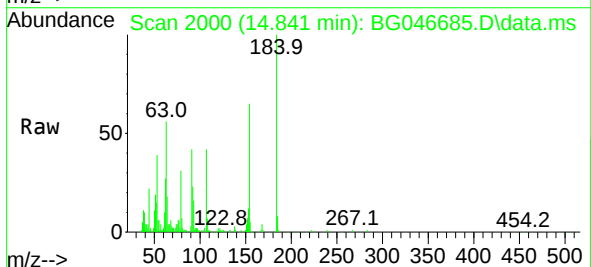
Tgt Ion:138 Resp: 130075  
Ion Ratio Lower Upper  
138 100  
108 16.1 7.4 11.0#  
92 136.6 85.2 127.8#

Manual Integrations  
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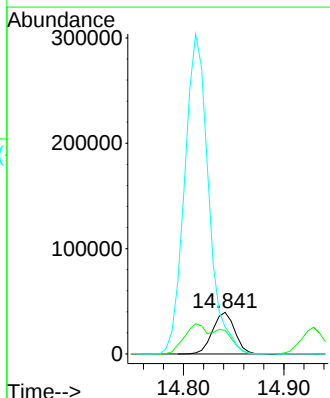
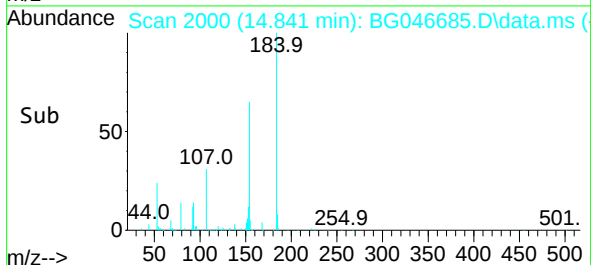
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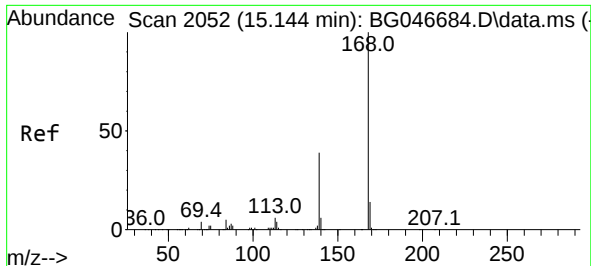


#54  
2,4-Dinitrophenol  
Concen: 36.57 ng  
RT: 14.841 min Scan# 2000  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



Tgt Ion:184 Resp: 60668  
Ion Ratio Lower Upper  
184 100  
63 56.5 32.3 48.5#  
154 65.0 40.4 60.6#





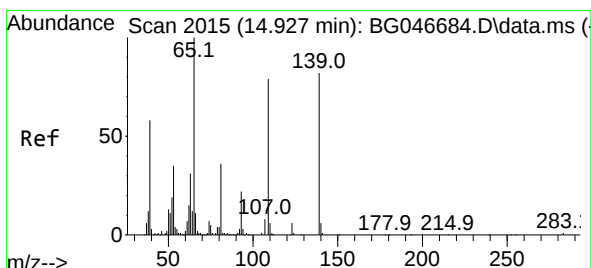
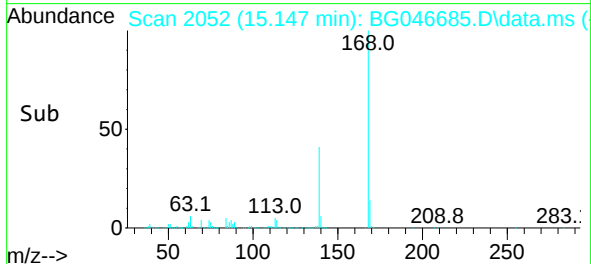
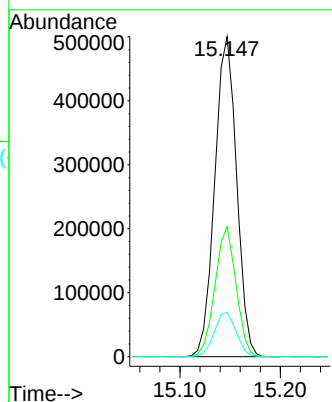
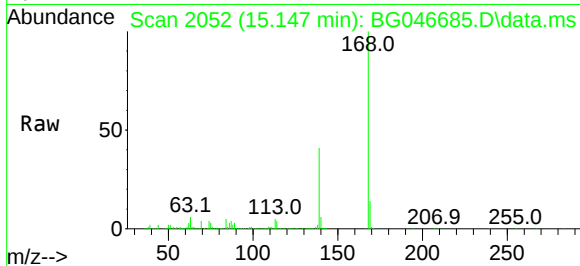
#55  
Dibenzenofuran  
Concen: 50.92 ng  
RT: 15.147 min Scan# 2052  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.6  | 28.6  | 43.0  |
| 169     | 13.9  | 11.0  | 16.6  |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

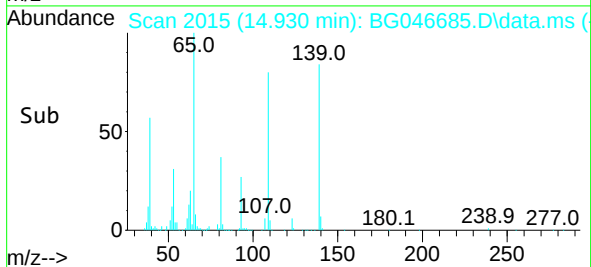
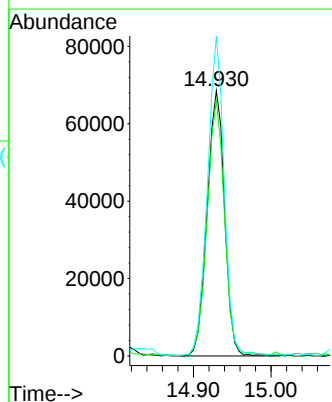
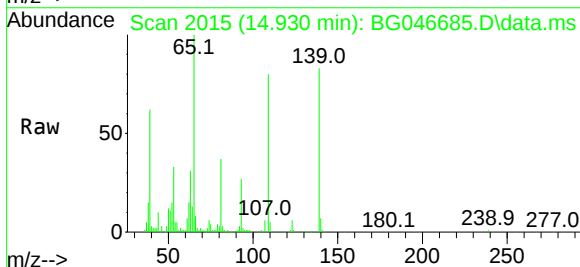
Manual Integrations  
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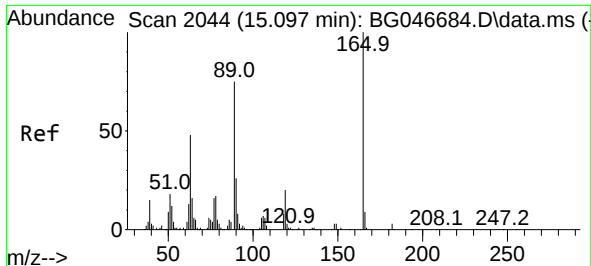
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#56  
4-Nitrophenol  
Concen: 47.27 ng  
RT: 14.930 min Scan# 2015  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 96.4  | 45.9  | 85.9#  |
| 65      | 120.6 | 65.4  | 105.4# |





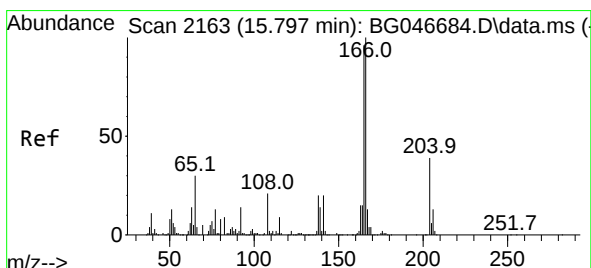
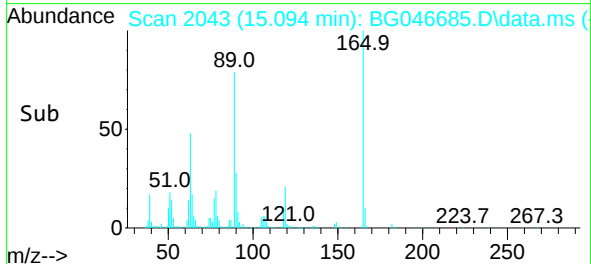
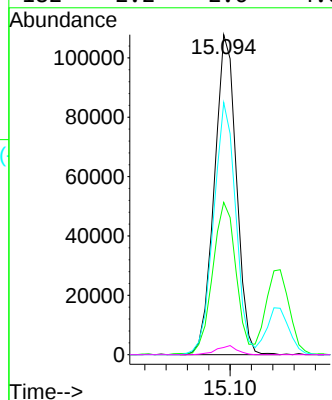
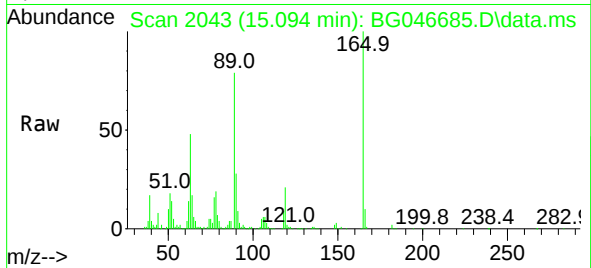
#57  
2,4-Dinitrotoluene  
Concen: 38.16 ng  
RT: 15.094 min Scan# 2043  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 154629 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 47.6  | 26.4  | 39.6#  |
| 89        | 78.8  | 47.8  | 71.8#  |
| 182       | 2.2   | 2.6   | 4.0#   |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

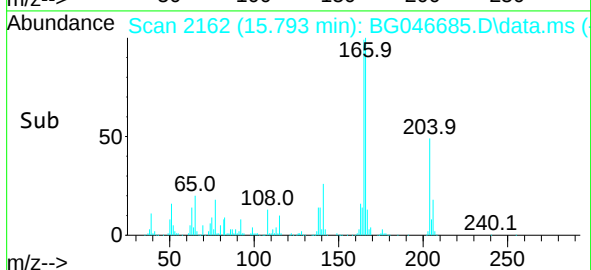
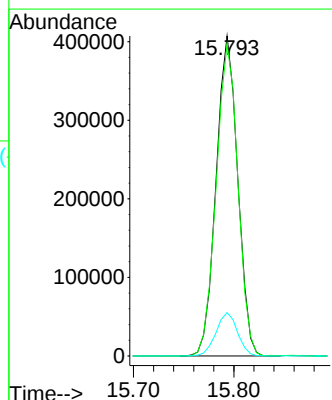
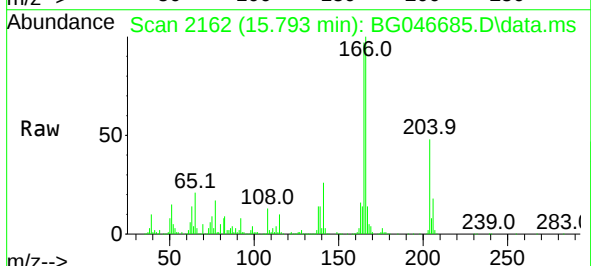
Manual Integrations  
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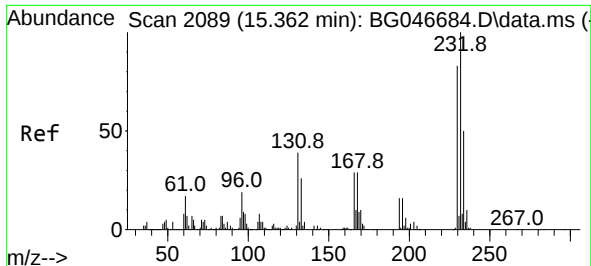
mohammad  
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#58  
Fluorene  
Concen: 48.83 ng  
RT: 15.793 min Scan# 2162  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 607719 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.4  | 77.2  | 115.8  |
| 167       | 13.5  | 11.4  | 17.2   |





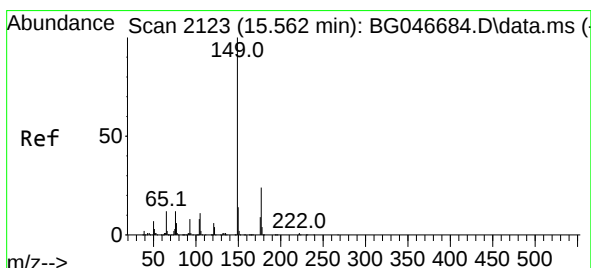
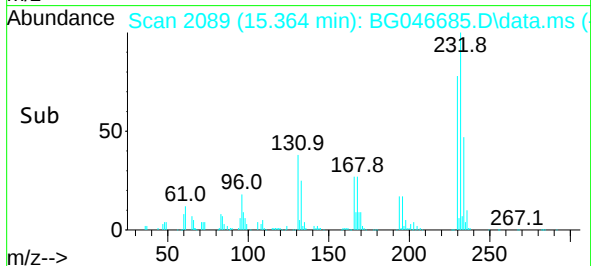
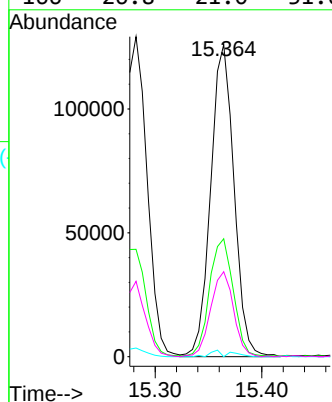
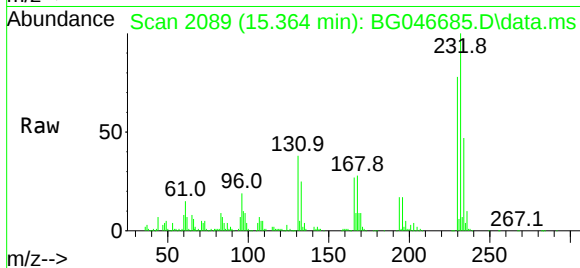
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.55 ng  
RT: 15.364 min Scan# 2089  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 191269 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 39.0  | 26.6  | 40.0   |
| 130       | 0.9   | 1.4   | 2.0#   |
| 166       | 26.8  | 21.0  | 31.6   |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

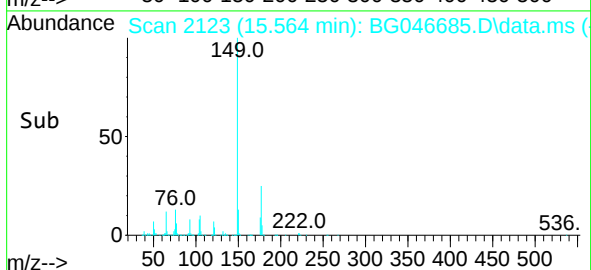
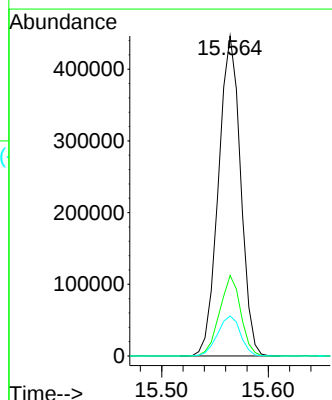
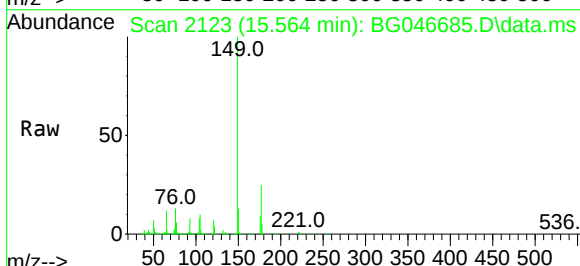
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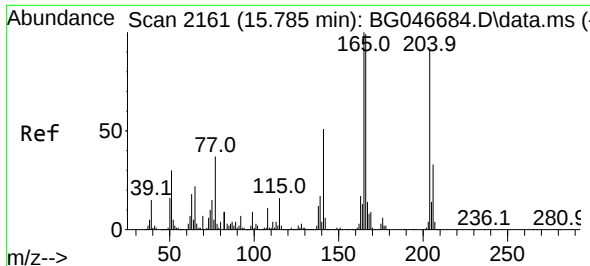
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#60  
Diethylphthalate  
Concen: 51.06 ng  
RT: 15.564 min Scan# 2123  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

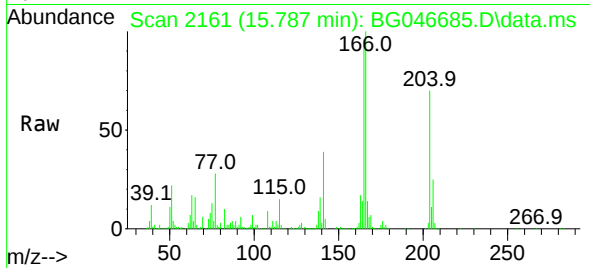
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 641799 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 25.1  | 21.4  | 32.2   |
| 150       | 12.5  | 10.7  | 16.1   |





#61  
4-Chlorophenyl-phenylether  
Concen: 50.77 ng  
RT: 15.787 min Scan# 2161  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

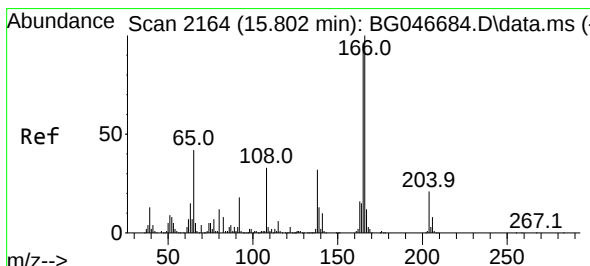
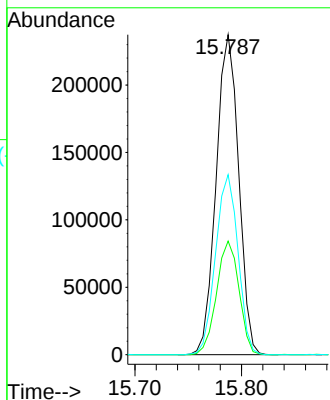
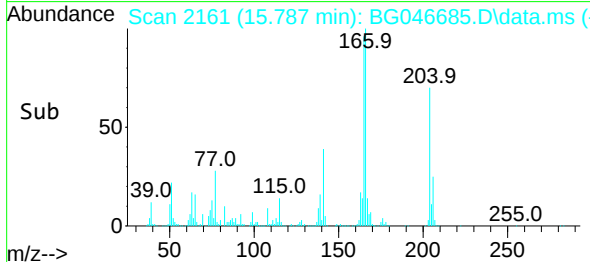
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050



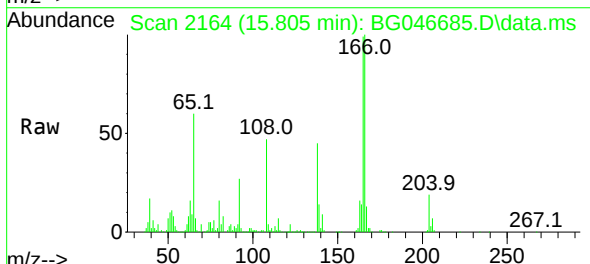
Tgt Ion:204 Resp: 348025  
Ion Ratio Lower Upper  
204 100  
206 35.5 27.8 41.8  
141 56.2 41.5 62.3

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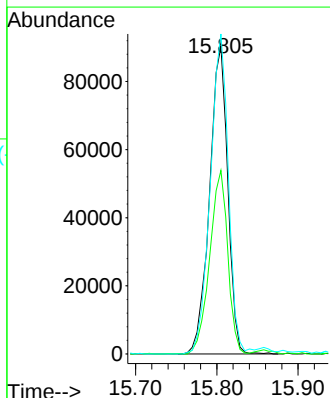
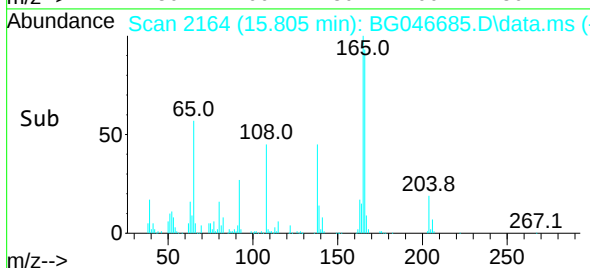
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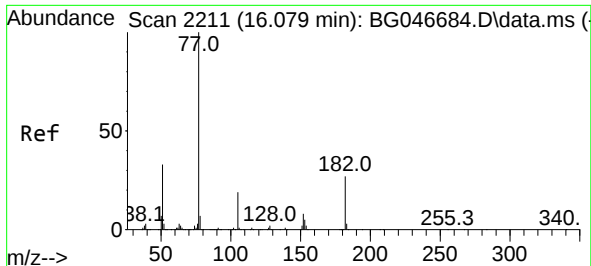


#62  
4-Nitroaniline  
Concen: 43.27 ng  
RT: 15.805 min Scan# 2164  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



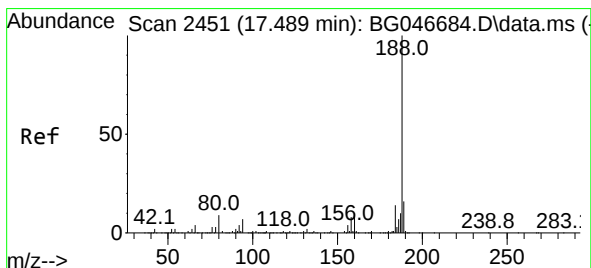
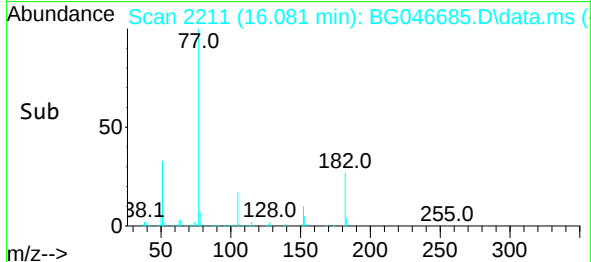
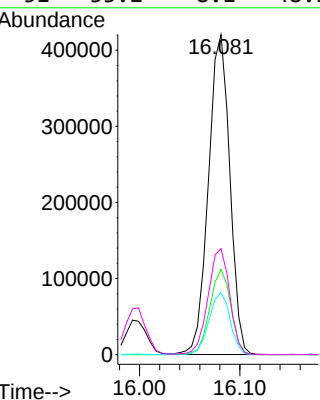
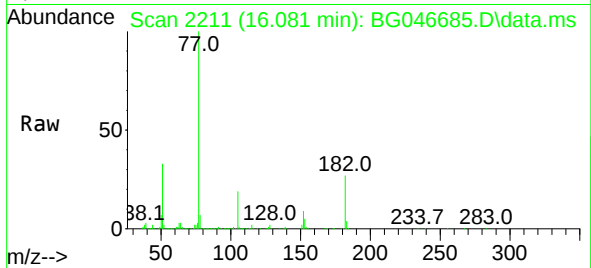
Tgt Ion:138 Resp: 140558  
Ion Ratio Lower Upper  
138 100  
92 59.7 26.9 66.9  
108 104.1 49.4 89.4#





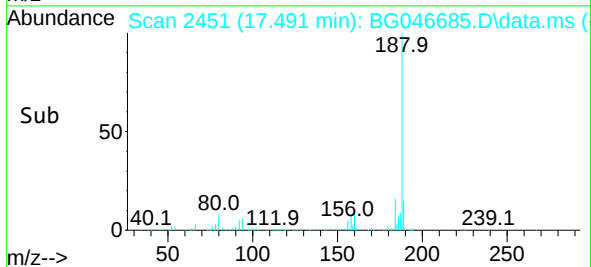
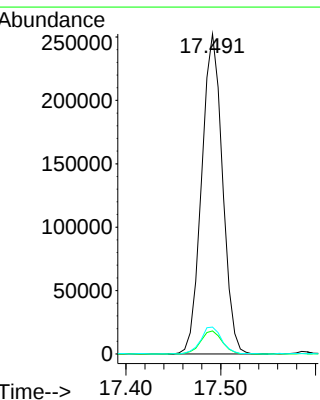
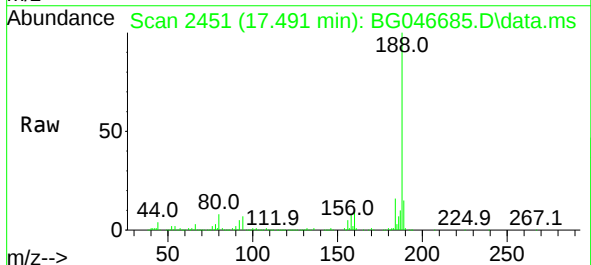
#63  
Azobenzene  
Concen: 60.90 ng  
RT: 16.081 min Scan# 2211  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 622718 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 26.6    | 14.0 54.0    |
| 105 19.4    | 3.0 43.0     |
| 51 33.2     | 8.1 48.1     |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.491 min Scan# 2451  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

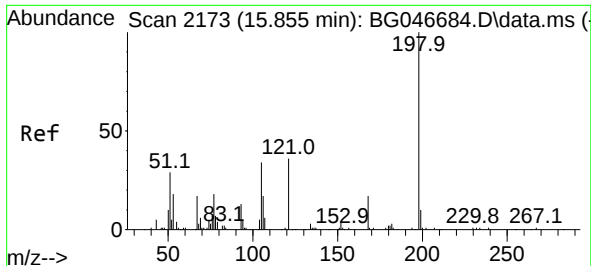
|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 384617 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 7.2      | 6.3 9.5      |
| 80 8.4      | 7.0 10.6     |



Instrument :  
BNA\_G  
ClientSampleId :  
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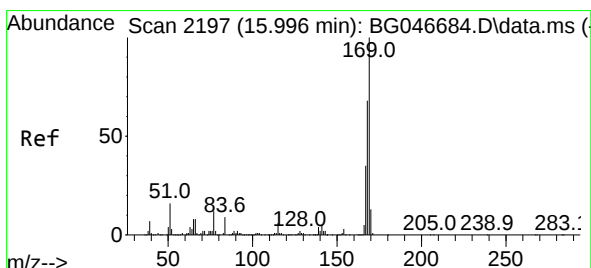
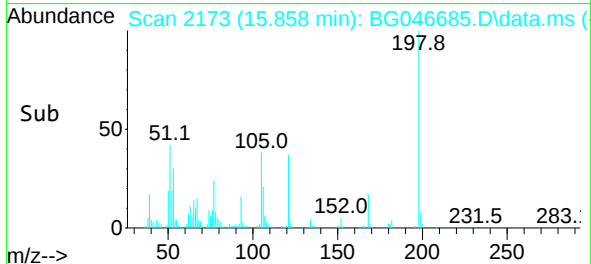
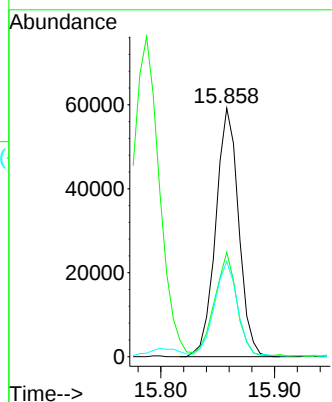
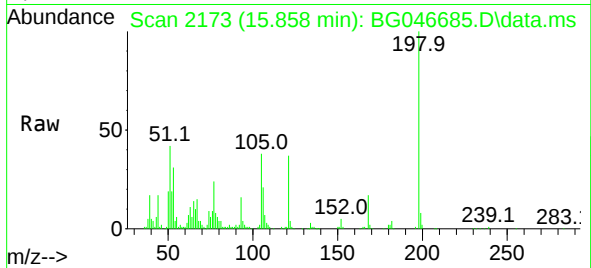
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.00 ng  
RT: 15.858 min Scan# 2173  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 42.1  | 10.4  | 50.4  |
| 105     | 38.3  | 12.9  | 52.9  |

Instrument :  
BNA\_G  
ClientSampled :  
SSTDIC050

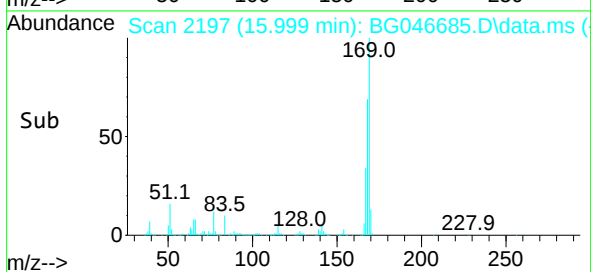
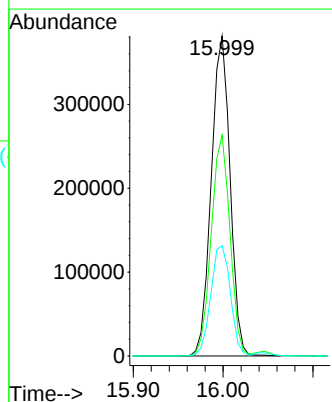
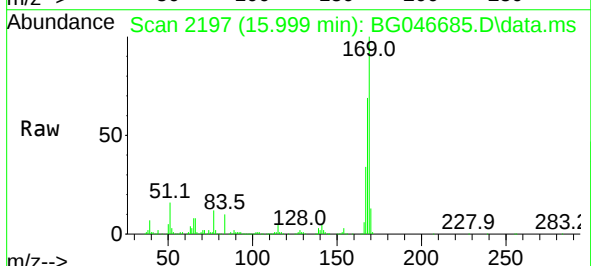
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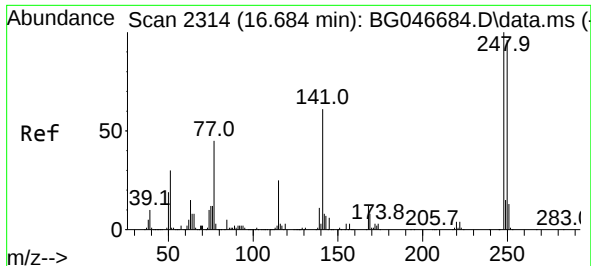
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#66  
n-Nitrosodiphenylamine  
Concen: 53.42 ng  
RT: 15.999 min Scan# 2197  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

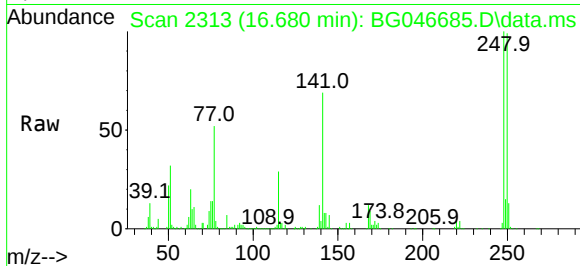
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.0  | 55.5  | 83.3  |
| 167     | 34.4  | 30.5  | 45.7  |





#67  
4-Bromophenyl-phenylether  
Concen: 51.75 ng  
RT: 16.680 min Scan# 2313  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

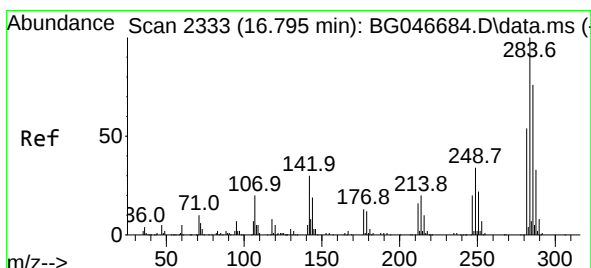
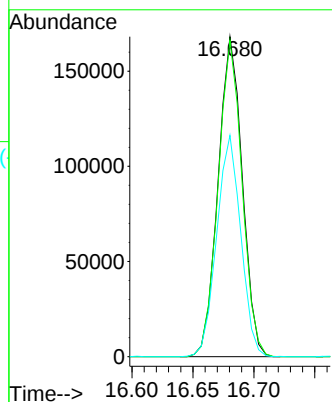
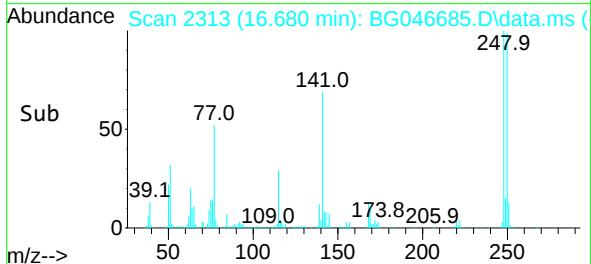
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050



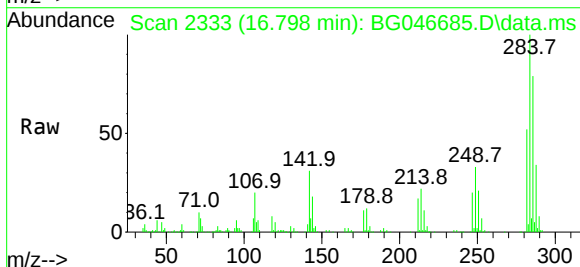
Tgt Ion:248 Resp: 232220  
Ion Ratio Lower Upper  
248 100  
250 98.9 78.9 118.3  
141 69.2 46.2 69.4

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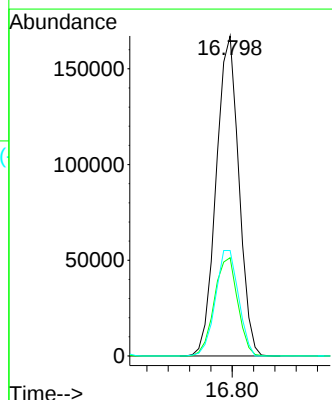
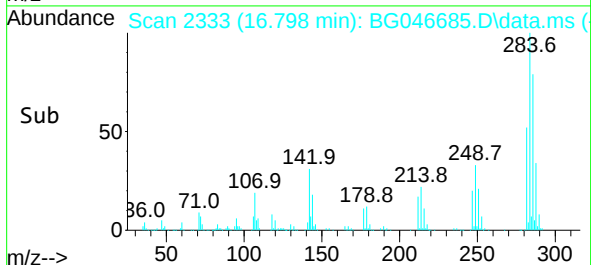
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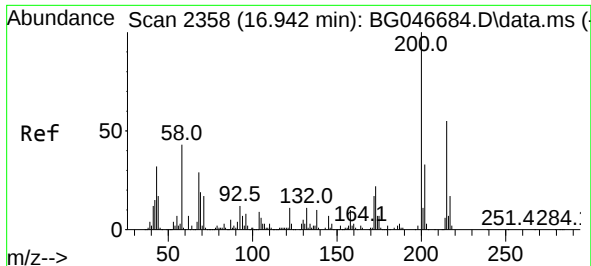


#68  
Hexachlorobenzene  
Concen: 49.57 ng  
RT: 16.798 min Scan# 2333  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

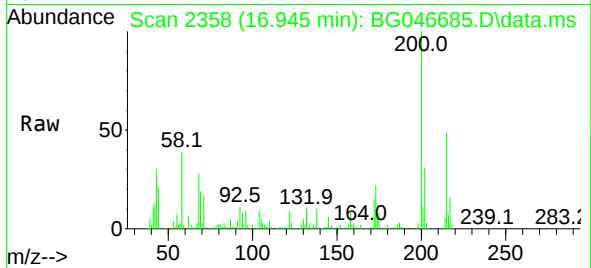


Tgt Ion:284 Resp: 246350  
Ion Ratio Lower Upper  
284 100  
142 30.7 21.1 31.7  
249 35.2 25.9 38.9

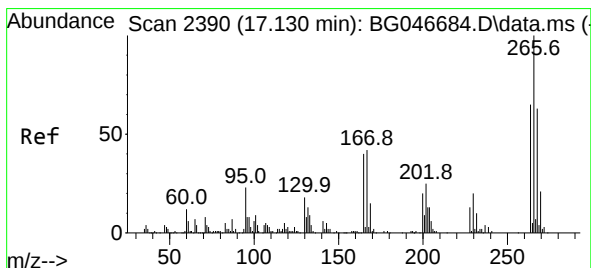
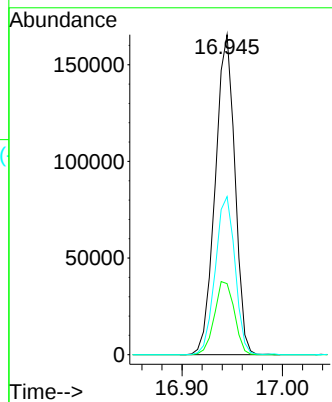
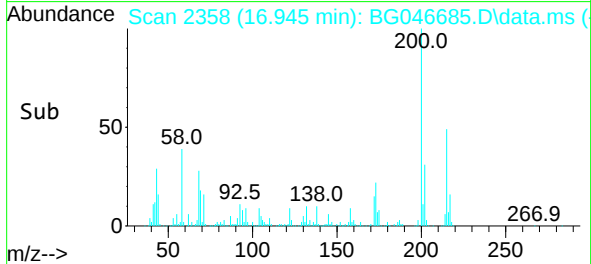




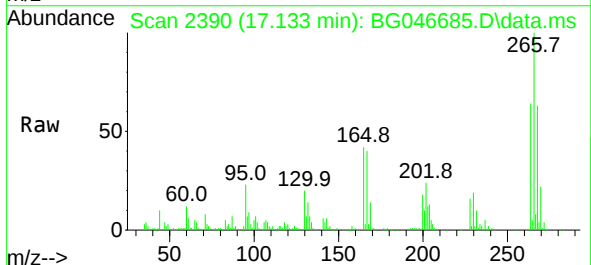
#69  
Atrazine  
Concen: 53.07 ng  
RT: 16.945 min Scan# 2358  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



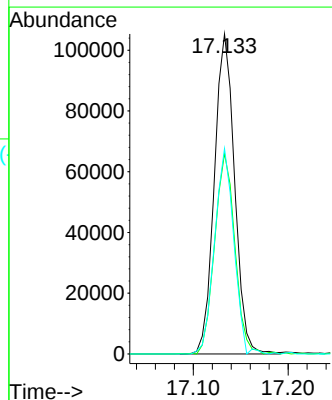
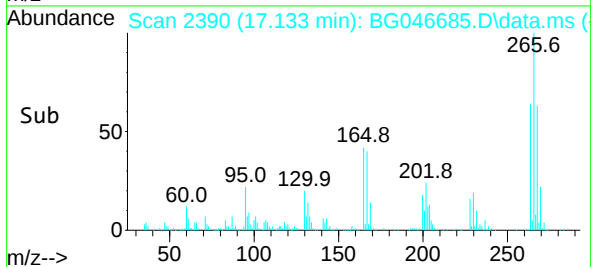
Tgt Ion:200 Resp: 224632  
Ion Ratio Lower Upper  
200 100  
173 22.2 4.2 44.2  
215 49.4 30.0 70.0



#70  
Pentachlorophenol  
Concen: 60.20 ng  
RT: 17.133 min Scan# 2390  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



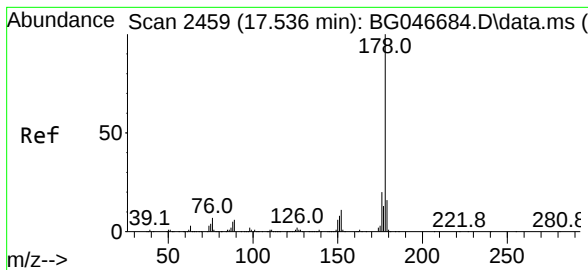
Tgt Ion:266 Resp: 156320  
Ion Ratio Lower Upper  
266 100  
268 66.9 49.8 74.6  
264 69.1 49.3 73.9



Instrument :  
BNA\_G  
ClientSampleId :  
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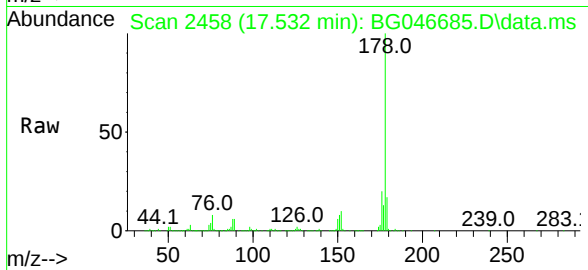
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#71  
Phenanthrene  
Concen: 51.28 ng  
RT: 17.532 min Scan# 2458  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

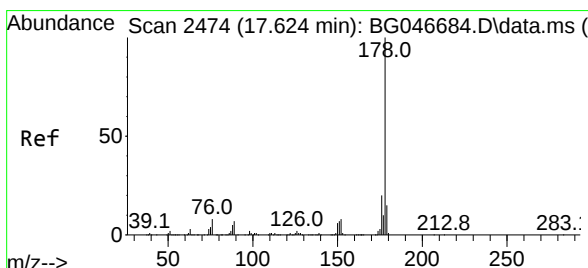
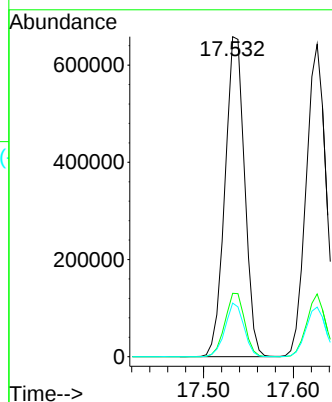
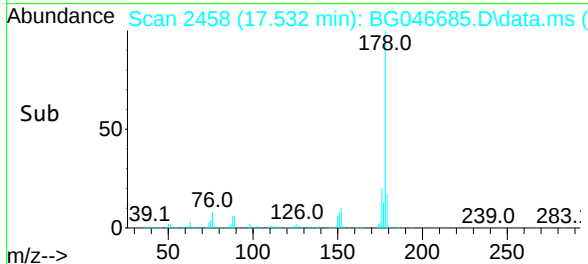
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050



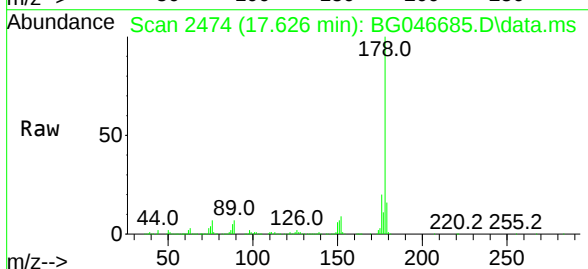
Tgt Ion:178 Resp: 999802  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.7 25.1  
179 16.7 14.0 21.0

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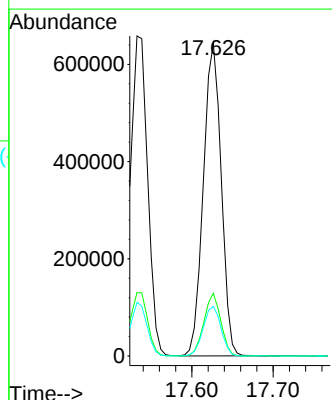
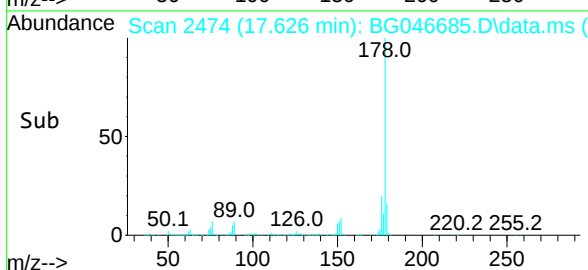
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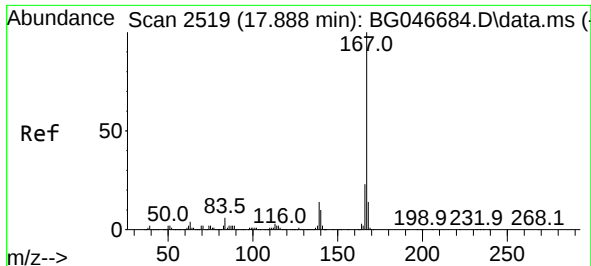


#72  
Anthracene  
Concen: 51.08 ng  
RT: 17.626 min Scan# 2474  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



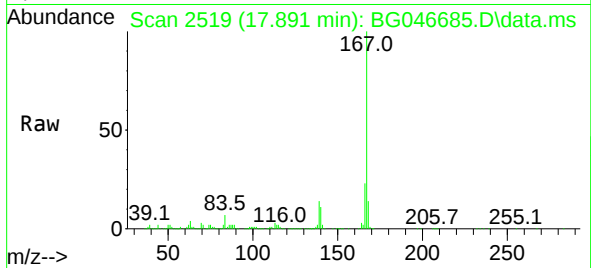
Tgt Ion:178 Resp: 982570  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.4 24.6  
179 15.9 13.8 20.6



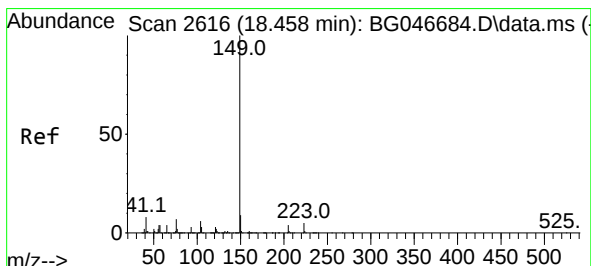
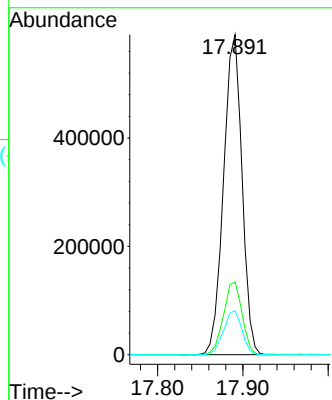
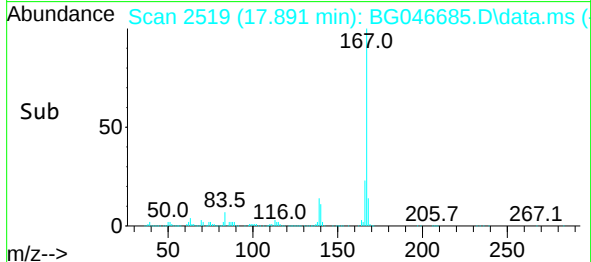


#73  
 Carbazole  
 Concen: 48.87 ng  
 RT: 17.891 min Scan# 2519  
 Delta R.T. 0.002 min  
 Lab File: BG046685.D  
 Acq: 22 Sep 2020 19:26

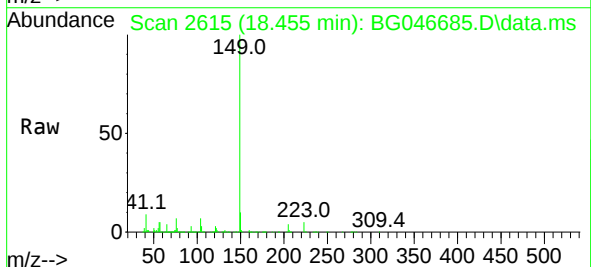
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050



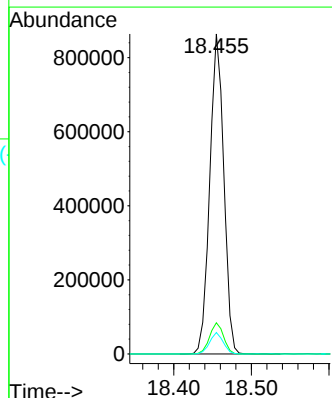
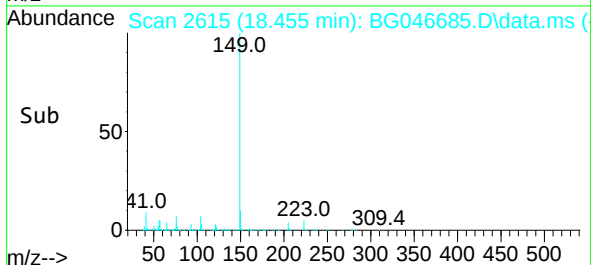
Tgt Ion:167 Resp: 887440  
 Ion Ratio Lower Upper  
 167 100  
 166 22.7 18.7 28.1  
 139 13.8 9.6 14.4

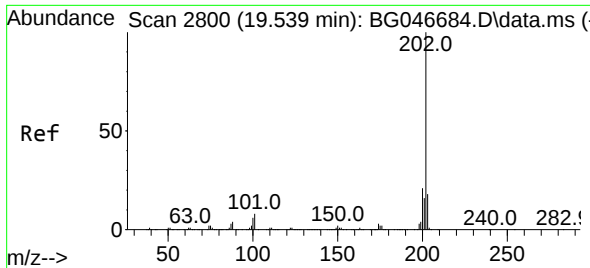


#74  
 Di-n-butylphthalate  
 Concen: 52.17 ng  
 RT: 18.455 min Scan# 2615  
 Delta R.T. -0.003 min  
 Lab File: BG046685.D  
 Acq: 22 Sep 2020 19:26

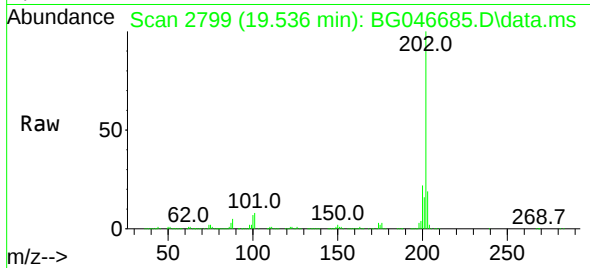


Tgt Ion:149 Resp: 1089484  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 8.2 12.4  
 104 6.7 3.8 5.8#

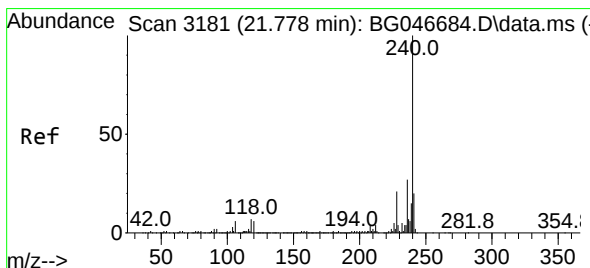
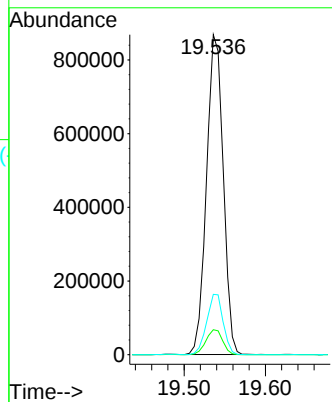
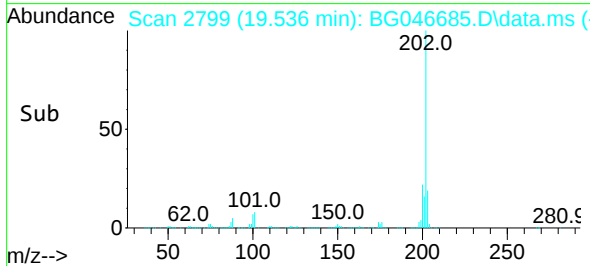




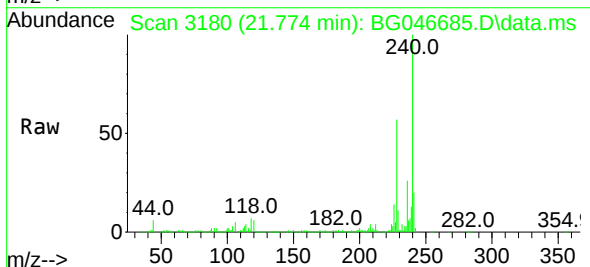
#75  
Fluoranthene  
Concen: 49.36 ng  
RT: 19.536 min Scan# 2799  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



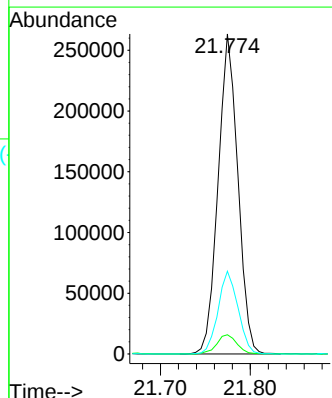
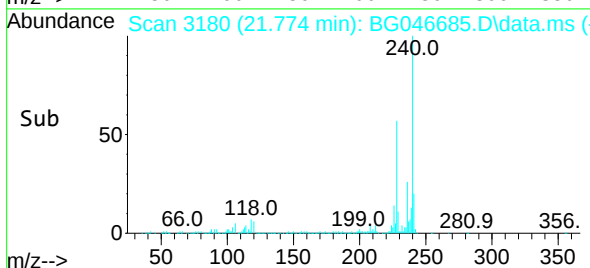
Tgt Ion:202 Resp: 1238229  
Ion Ratio Lower Upper  
202 100  
101 7.8 0.0 29.7  
203 18.8 0.0 39.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.774 min Scan# 3180  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



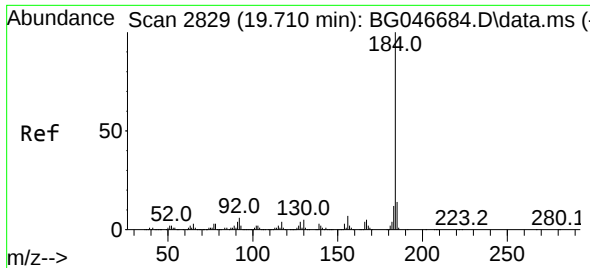
Tgt Ion:240 Resp: 401589  
Ion Ratio Lower Upper  
240 100  
120 6.0 6.2 9.4#  
236 25.9 20.5 30.7



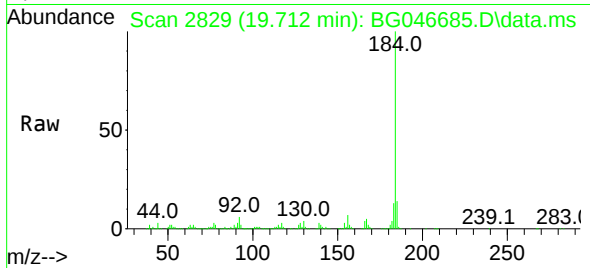
Instrument :  
BNA\_G  
ClientSampleId :  
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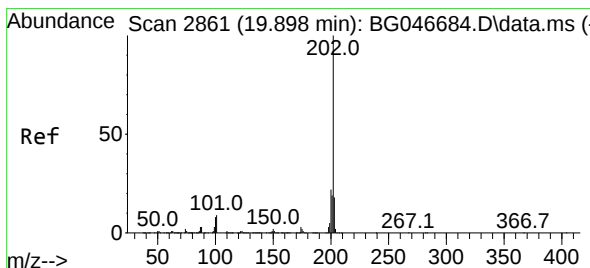
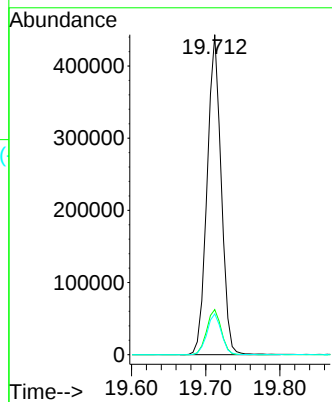
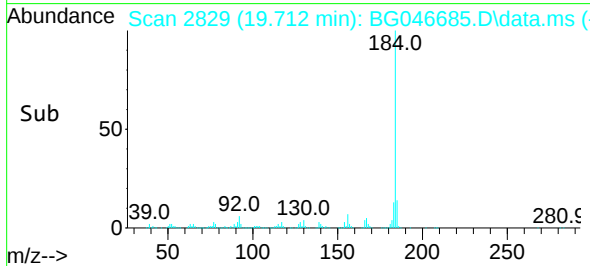
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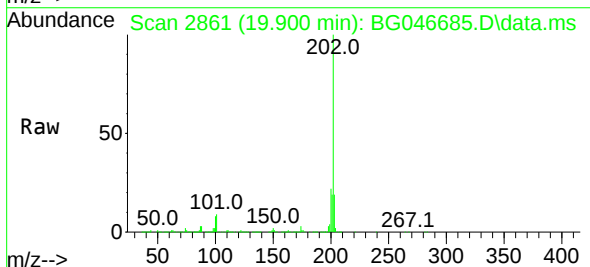
#77  
Benzidine  
Concen: 62.61 ng  
RT: 19.712 min Scan# 2829  
Delta R.T. 0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



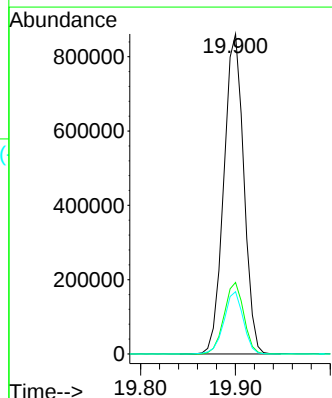
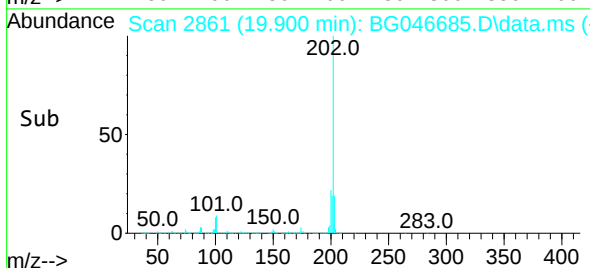
Tgt Ion:184 Resp: 584298  
Ion Ratio Lower Upper  
184 100  
185 14.1 12.4 18.6  
183 12.8 10.6 15.8



#78  
Pyrene  
Concen: 49.22 ng  
RT: 19.900 min Scan# 2861  
Delta R.T. 0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



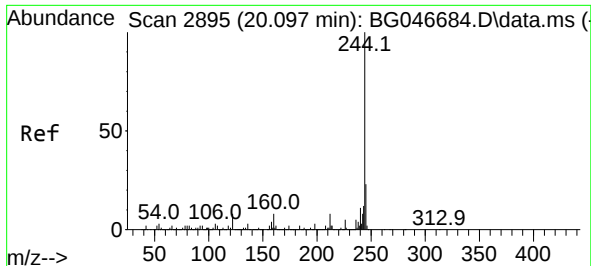
Tgt Ion:202 Resp: 1258708  
Ion Ratio Lower Upper  
202 100  
200 22.4 18.6 27.8  
203 19.5 15.3 22.9



Instrument :  
BNA\_G  
ClientSampleId :  
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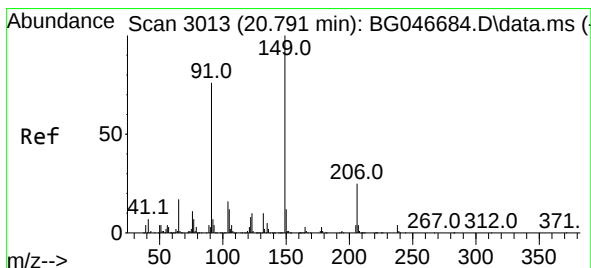
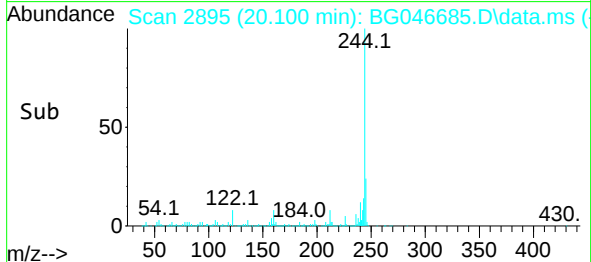
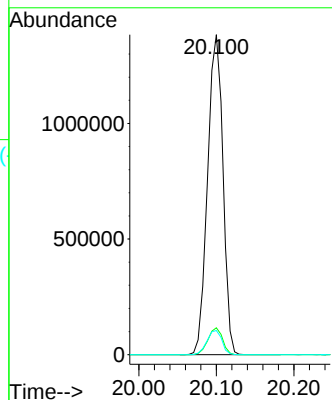
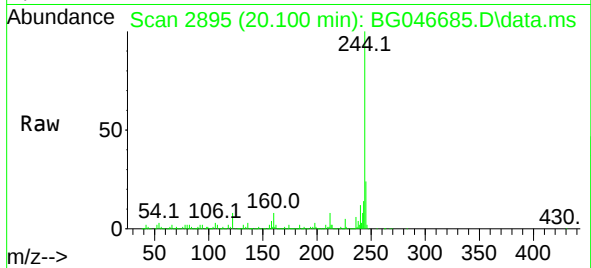
#79  
Terphenyl-d14  
Concen: 100.91 ng  
RT: 20.100 min Scan# 2895  
Delta R.T. 0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:244 Resp: 1904265  
Ion Ratio Lower Upper  
244 100  
212 8.4 6.7 10.1  
122 7.5 7.8 11.6#

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

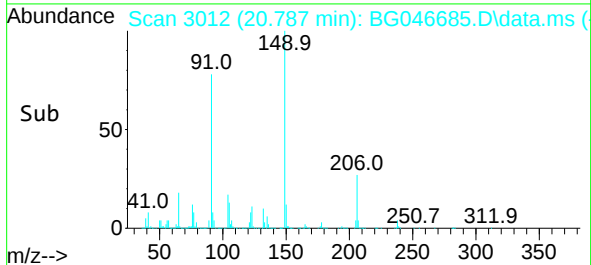
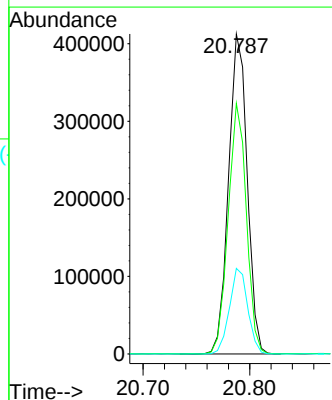
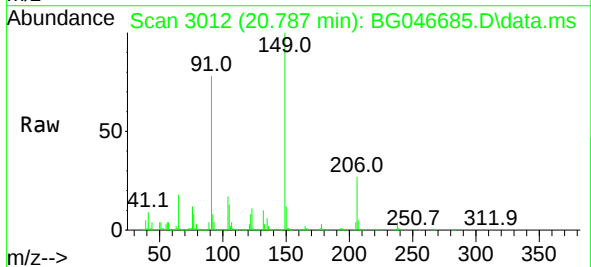
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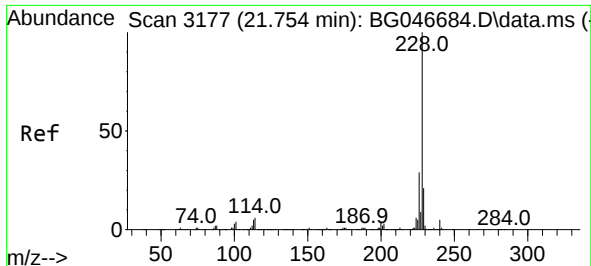
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#80  
Butylbenzylphthalate  
Concen: 50.23 ng  
RT: 20.787 min Scan# 3012  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:149 Resp: 501070  
Ion Ratio Lower Upper  
149 100  
91 78.3 51.5 77.3#  
206 26.8 21.2 31.8





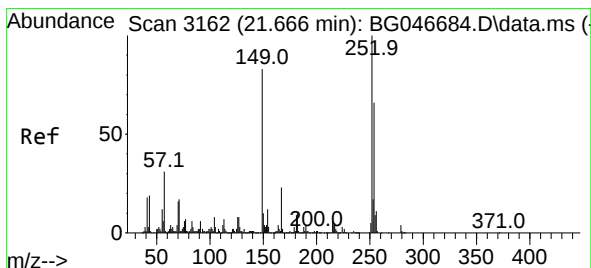
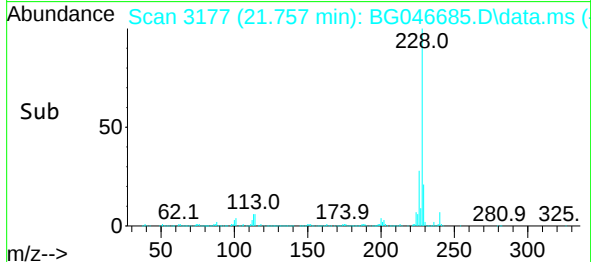
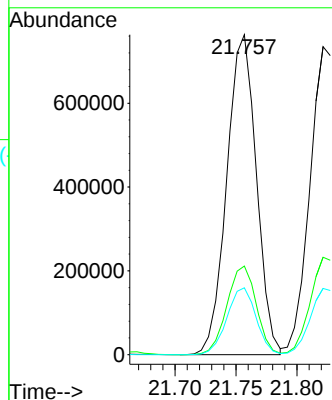
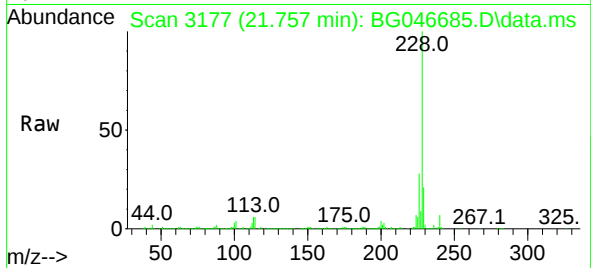
#81  
Benzo(a)anthracene  
Concen: 51.51 ng  
RT: 21.757 min Scan# 3177  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:228 Resp: 1289291  
Ion Ratio Lower Upper  
228 100  
226 27.7 23.3 34.9  
229 20.9 17.4 26.0

Instrument :  
BNA\_G  
ClientSampleId :  
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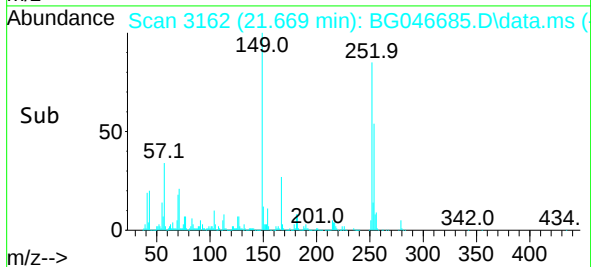
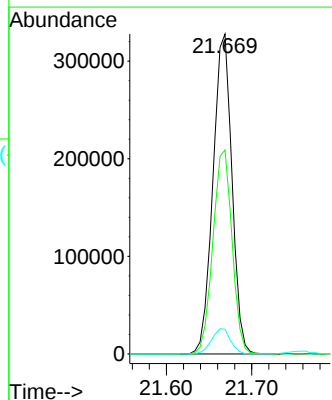
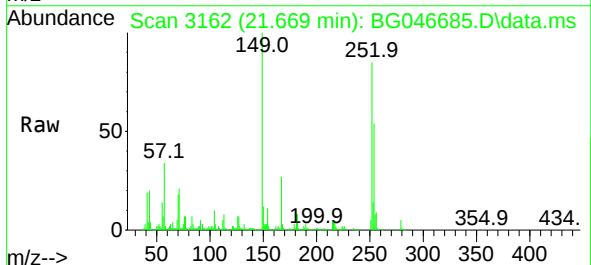
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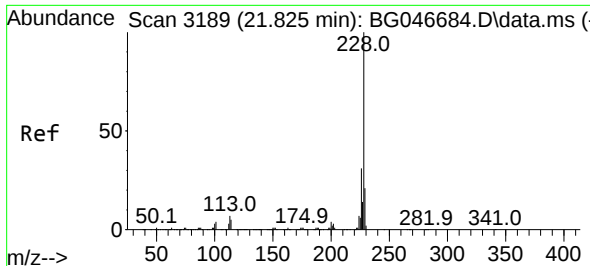
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#82  
3,3'-Dichlorobenzidine  
Concen: 54.47 ng  
RT: 21.669 min Scan# 3162  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:252 Resp: 505963  
Ion Ratio Lower Upper  
252 100  
254 63.8 53.2 79.8  
126 7.7 6.8 10.2





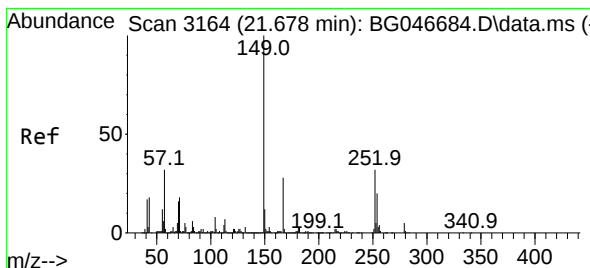
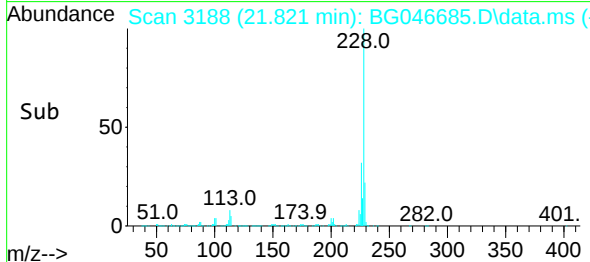
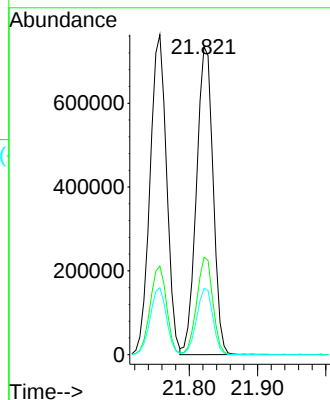
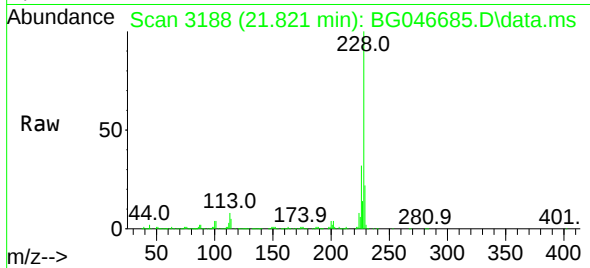
#83  
Chrysene  
Concen: 51.38 ng  
RT: 21.821 min Scan# 3188  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:228 Resp: 1237163  
Ion Ratio Lower Upper  
228 100  
226 31.6 25.0 37.4  
229 21.5 17.3 25.9

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

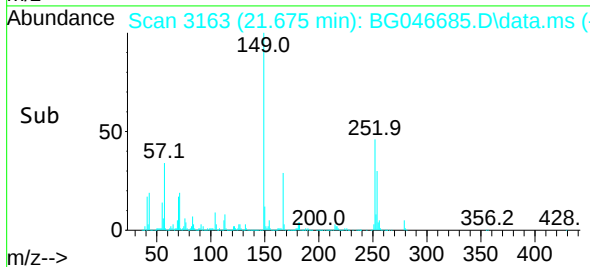
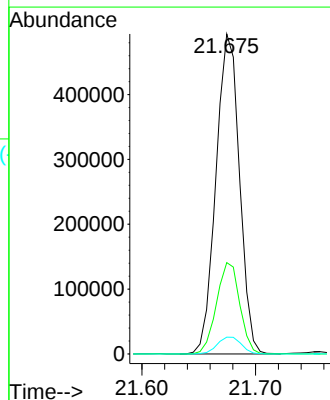
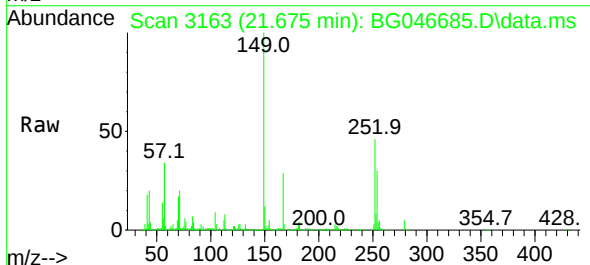
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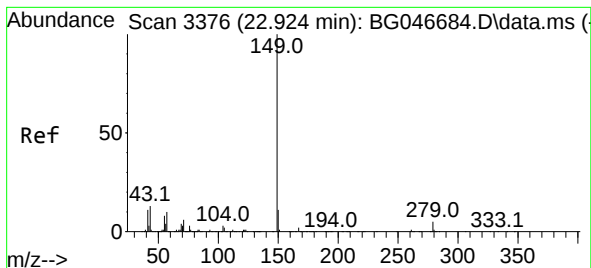
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 52.06 ng  
RT: 21.675 min Scan# 3163  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:149 Resp: 708712  
Ion Ratio Lower Upper  
149 100  
167 28.6 24.8 37.2  
279 5.3 4.6 7.0





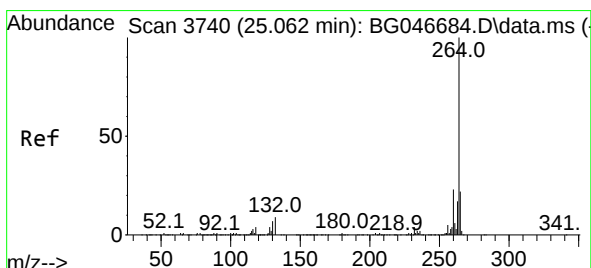
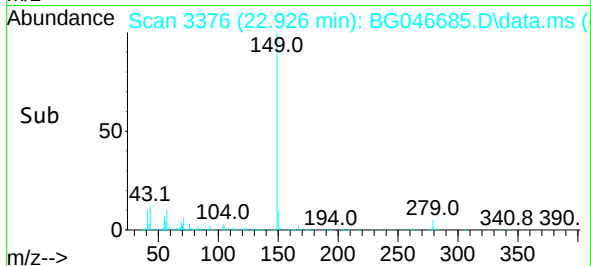
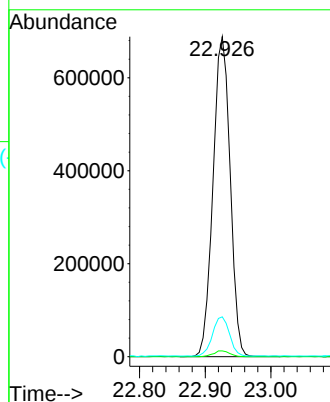
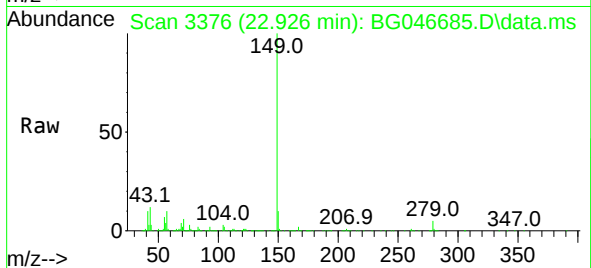
#85  
Di-n-octyl phthalate  
Concen: 53.43 ng  
RT: 22.926 min Scan# 3376  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:149 Resp: 1245418  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.4 2.2  
43 12.1 6.8 10.2#

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

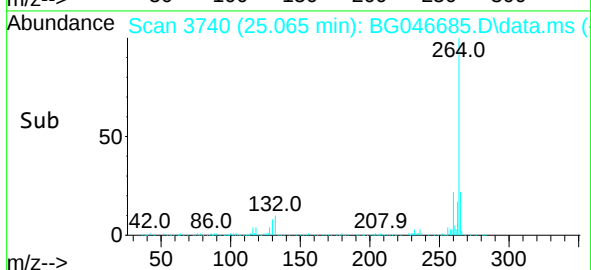
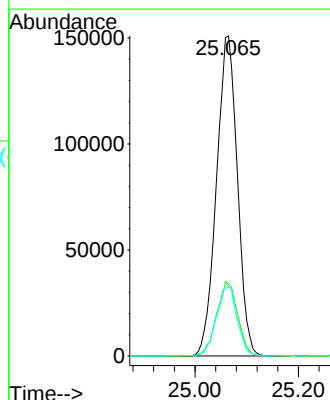
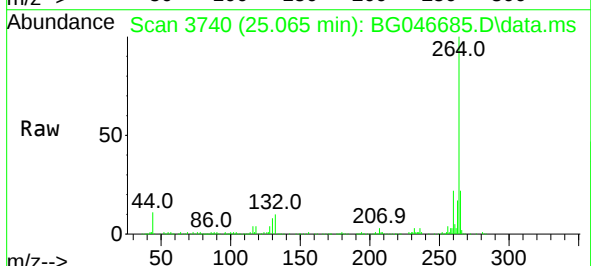
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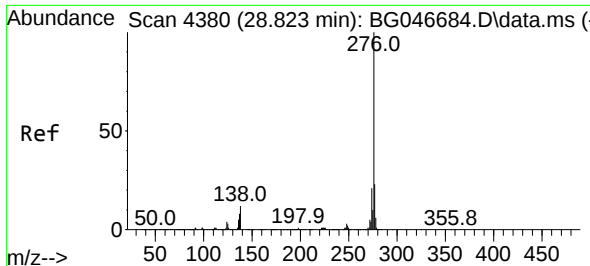
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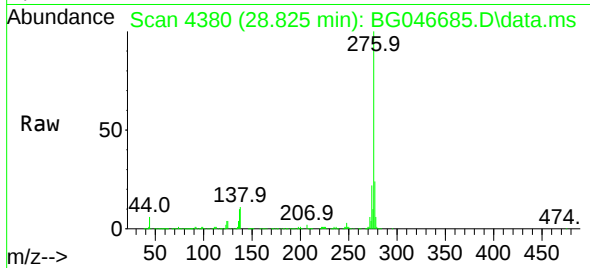
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.065 min Scan# 3740  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:264 Resp: 423511  
Ion Ratio Lower Upper  
264 100  
260 22.4 18.8 28.2  
265 21.8 17.8 26.8

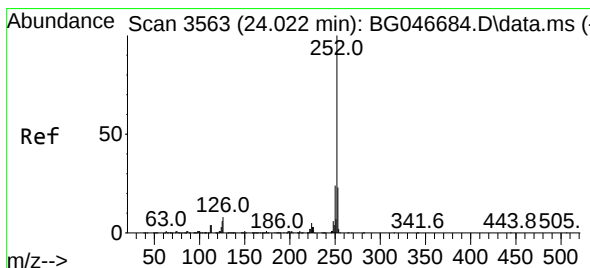
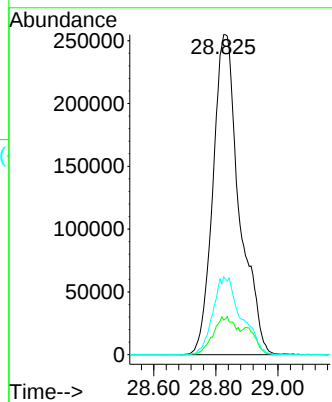
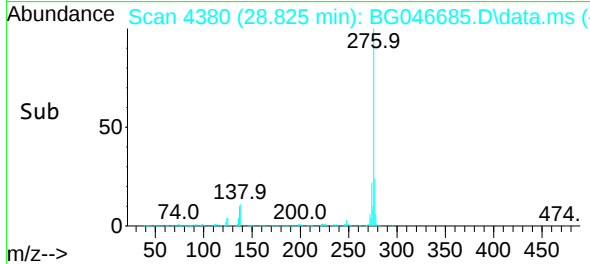




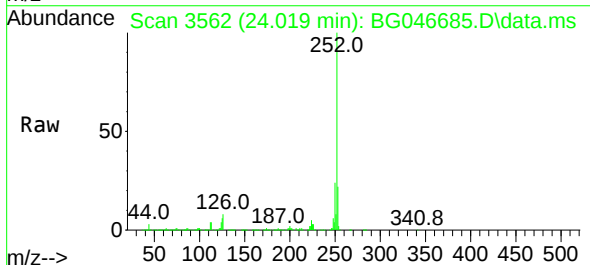
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 49.50 ng  
 RT: 28.825 min Scan# 4380  
 Delta R.T. 0.002 min  
 Lab File: BG046685.D  
 Acq: 22 Sep 2020 19:26



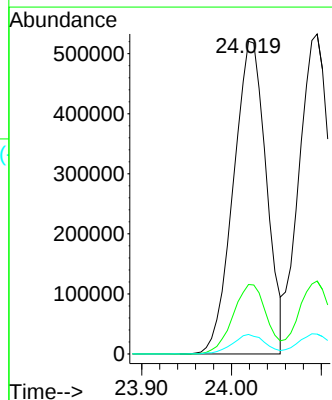
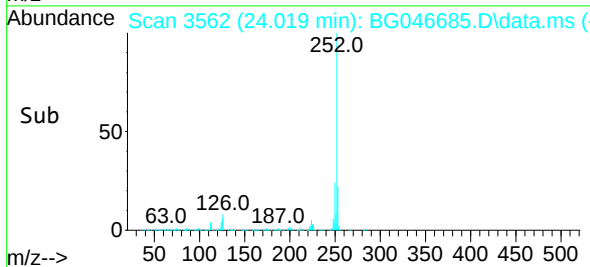
Tgt Ion:276 Resp: 1505644  
 Ion Ratio Lower Upper  
 276 100  
 138 10.3 16.2 24.2#  
 277 26.1 20.3 30.5



#88  
 Benzo(b)fluoranthene  
 Concen: 50.11 ng  
 RT: 24.019 min Scan# 3562  
 Delta R.T. -0.003 min  
 Lab File: BG046685.D  
 Acq: 22 Sep 2020 19:26



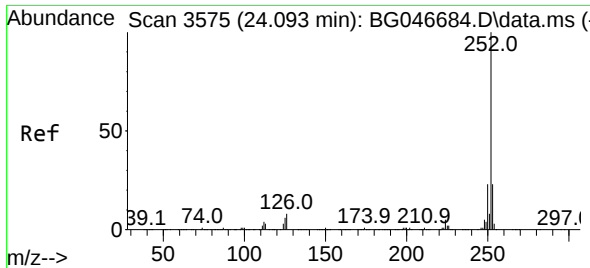
Tgt Ion:252 Resp: 1325146  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 18.7 28.1  
 125 6.2 6.5 9.7#



Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

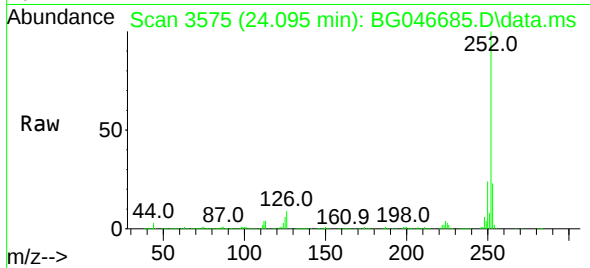
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#89  
Benzo(k)fluoranthene  
Concen: 50.18 ng  
RT: 24.095 min Scan# 3575  
Delta R.T. 0.002 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

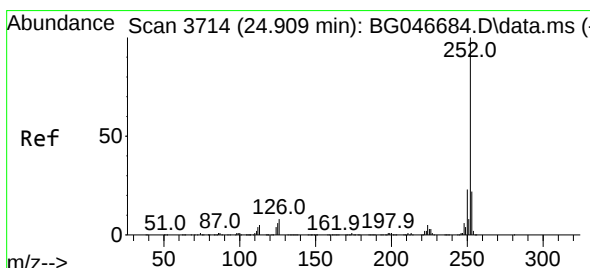
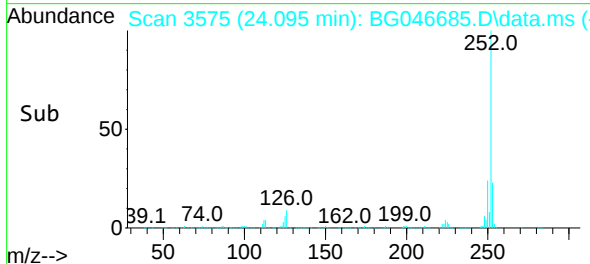
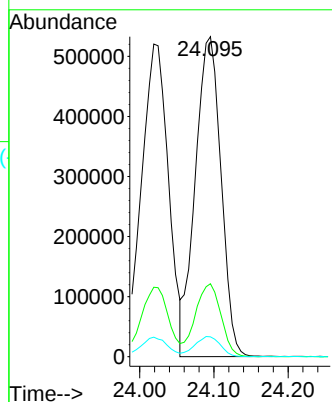
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050



Tgt Ion:252 Resp: 1282489  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.6 27.8  
125 6.2 6.8 10.2#

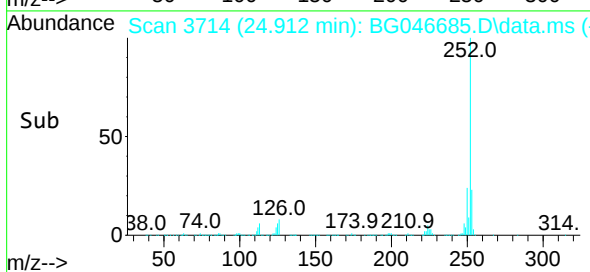
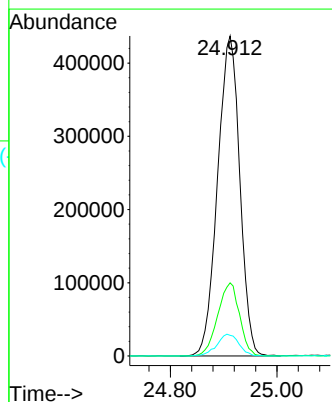
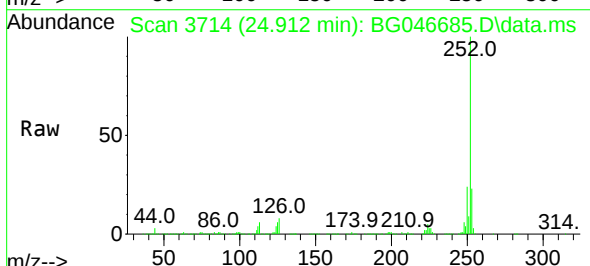
Manual Integrations  
APPROVED

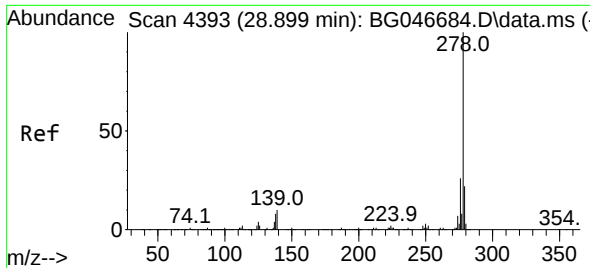
mohammad  
9/23/2020 10:44:56 AM



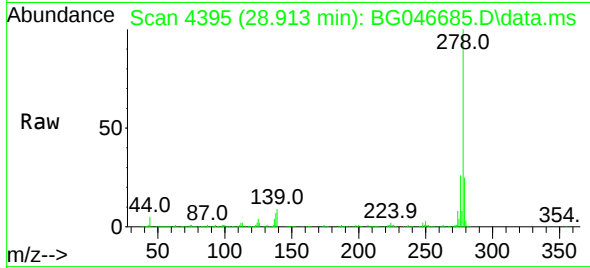
#90  
Benzo(a)pyrene  
Concen: 51.13 ng  
RT: 24.912 min Scan# 3714  
Delta R.T. 0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26

Tgt Ion:252 Resp: 1261746  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.9 26.9  
125 6.4 7.0 10.4#

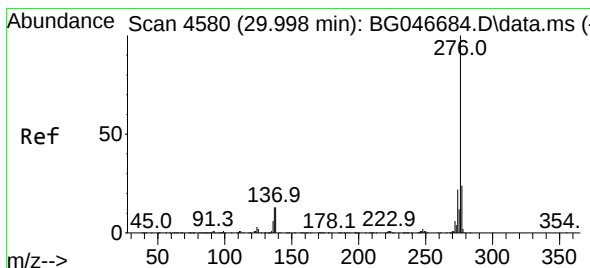
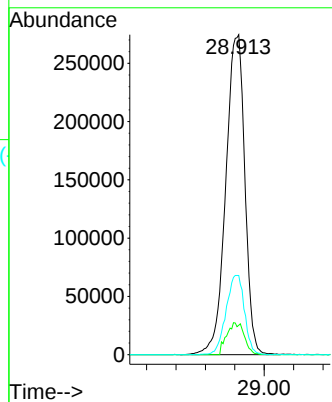
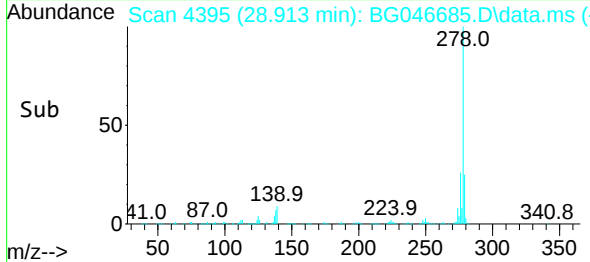




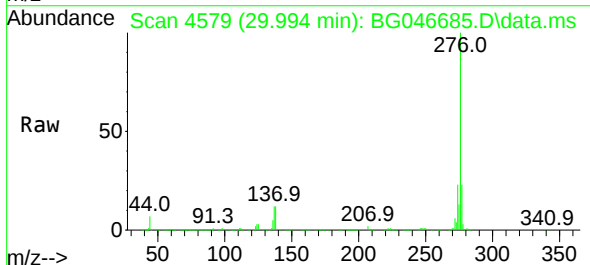
#91  
Dibenzo(a,h)anthracene  
Concen: 50.36 ng  
RT: 28.913 min Scan# 4395  
Delta R.T. 0.014 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



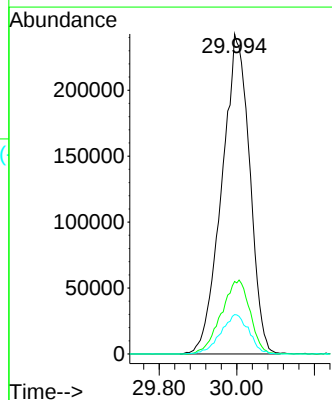
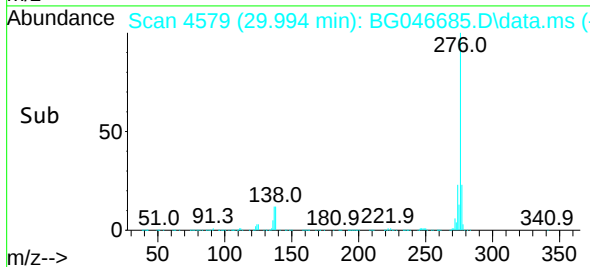
Tgt Ion:278 Resp: 1236165  
Ion Ratio Lower Upper  
278 100  
139 9.2 10.5 15.7#  
279 24.8 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 49.31 ng  
RT: 29.994 min Scan# 4579  
Delta R.T. -0.003 min  
Lab File: BG046685.D  
Acq: 22 Sep 2020 19:26



Tgt Ion:276 Resp: 1208672  
Ion Ratio Lower Upper  
276 100  
277 22.7 19.6 29.4  
138 12.3 13.4 20.2#



Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

Manual Integrations  
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