

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030421\  
 Data File : BG048323.D  
 Acq On : 4 Mar 2021 10:21  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

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 3/5/2021 2:44:07 PM

Quant Time: Mar 04 11:04:39 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG021021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 03 16:40:27 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.108  | 152  | 33839    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.922 | 136  | 134234   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.736 | 164  | 98267    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.485 | 188  | 248860   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.768 | 240  | 268361   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 25.065 | 264  | 272700   | 20.00 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.687  | 112  | 162418   | 81.70 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.309  | 99   | 244469   | 80.94 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.283  | 82   | 266037   | 83.83 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.234 | 330  | 124813   | 79.41 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.361 | 172  | 573624   | 81.84 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.082 | 244  | 1132587  | 77.12 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.537  | 88   | 35799    | 39.30 | ng    | # 91     |
| 3) Pyridine                   | 3.942  | 79   | 103786   | 41.21 | ng    | # 86     |
| 4) n-Nitrosodimethylamine     | 3.860  | 42   | 63131    | 47.22 | ng    | # 62     |
| 6) Aniline                    | 7.432  | 93   | 144931   | 40.16 | ng    | 90       |
| 8) 2-Chlorophenol             | 7.685  | 128  | 88565    | 40.56 | ng    | 87       |
| 9) Benzaldehyde               | 7.244  | 77   | 74850    | 34.98 | ng    | 85       |
| 10) Phenol                    | 7.338  | 94   | 121279   | 39.71 | ng    | # 63     |
| 11) bis(2-Chloroethyl)ether   | 7.520  | 93   | 92396    | 38.83 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.990  | 146  | 101310   | 40.16 | ng    | # 89     |
| 13) 1,4-Dichlorobenzene       | 8.137  | 146  | 102507   | 40.30 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.461  | 146  | 97279m   | 40.21 | ng    |          |
| 15) Benzyl Alcohol            | 8.361  | 79   | 108982   | 40.94 | ng    | # 85     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.625  | 45   | 126505   | 41.00 | ng    | 93       |
| 17) 2-Methylphenol            | 8.584  | 107  | 79860    | 40.10 | ng    | # 83     |
| 18) Hexachloroethane          | 9.183  | 117  | 39443    | 40.67 | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.913  | 70   | 96045    | 41.20 | ng    | # 95     |
| 20) 3+4-Methylphenols         | 8.919  | 107  | 111322   | 40.12 | ng    | # 61     |
| 22) Acetophenone              | 8.936  | 105  | 153109   | 39.73 | ng    | # 86     |
| 24) Nitrobenzene              | 9.324  | 77   | 140172   | 41.40 | ng    | # 80     |
| 25) Isophorone                | 9.841  | 82   | 247677   | 39.36 | ng    | # 93     |
| 26) 2-Nitrophenol             | 10.035 | 139  | 56179    | 40.11 | ng    | # 55     |
| 27) 2,4-Dimethylphenol        | 10.112 | 122  | 78564    | 38.97 | ng    | # 79     |
| 28) bis(2-Chloroethoxy)met... | 10.323 | 93   | 118826   | 38.63 | ng    | # 97     |
| 29) 2,4-Dichlorophenol        | 10.593 | 162  | 99001    | 38.40 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.781 | 180  | 119144   | 40.65 | ng    | 98       |
| 31) Naphthalene               | 10.969 | 128  | 288404   | 38.92 | ng    | 98       |
| 32) Benzoic acid              | 10.276 | 122  | 36244m   | 26.25 | ng    |          |
| 33) 4-Chloroaniline           | 11.099 | 127  | 123105   | 38.30 | ng    | # 90     |
| 34) Hexachlorobutadiene       | 11.240 | 225  | 92492    | 42.19 | ng    | 97       |
| 35) Caprolactam               | 11.880 | 113  | 33193    | 38.86 | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 12.244 | 107  | 111212   | 39.02 | ng    | 85       |
| 37) 2-Methylnaphthalene       | 12.567 | 142  | 221723   | 38.48 | ng    | # 93     |
| 38) 1-Methylnaphthalene       | 12.791 | 142  | 207007   | 37.98 | ng    | # 98     |
| 40) 1,2,4,5-Tetrachloroben... | 12.932 | 216  | 149069   | 42.47 | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.902 | 237  | 85900    | 40.13 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.190 | 196  | 100503   | 39.85 | ng    | 99       |

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 QLast Update : Wed Mar 03 16:40:27 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|-------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 13.278 | 196  | 107141   | 39.39 | ng    | #        | 92  |
| 46) 1,1'-Biphenyl             | 13.572 | 154  | 278978   | 39.63 | ng    |          | 100 |
| 47) 2-Chloronaphthalene       | 13.619 | 162  | 241066   | 40.24 | ng    |          | 98  |
| 48) 2-Nitroaniline            | 13.842 | 65   | 96316    | 44.79 | ng    | #        | 71  |
| 49) Acenaphthylene            | 14.465 | 152  | 365388   | 39.43 | ng    |          | 100 |
| 50) Dimethylphthalate         | 14.189 | 163  | 322650   | 39.27 | ng    |          | 98  |
| 51) 2,6-Dinitrotoluene        | 14.324 | 165  | 72942    | 39.50 | ng    | #        | 57  |
| 52) Acenaphthene              | 14.800 | 154  | 220560   | 35.15 | ng    |          | 99  |
| 53) 3-Nitroaniline            | 14.671 | 138  | 65475    | 36.10 | ng    | #        | 73  |
| 54) 2,4-Dinitrophenol         | 14.882 | 184  | 38727    | 32.22 | ng    | #        | 56  |
| 55) Dibenzofuran              | 15.135 | 168  | 389325   | 39.68 | ng    |          | 93  |
| 56) 4-Nitrophenol             | 15.029 | 139  | 49454    | 33.27 | ng    | #        | 38  |
| 57) 2,4-Dinitrotoluene        | 15.117 | 165  | 105969   | 39.73 | ng    | #        | 60  |
| 58) Fluorene                  | 15.781 | 166  | 305621   | 39.27 | ng    |          | 96  |
| 59) 2,3,4,6-Tetrachlorophenol | 15.382 | 232  | 102505   | 37.62 | ng    |          | 96  |
| 60) Diethylphthalate          | 15.546 | 149  | 335397   | 39.92 | ng    |          | 92  |
| 61) 4-Chlorophenyl-phenyle... | 15.770 | 204  | 186425   | 39.78 | ng    |          | 99  |
| 62) 4-Nitroaniline            | 15.834 | 138  | 68872    | 36.52 | ng    | #        | 44  |
| 63) Azobenzene                | 16.063 | 77   | 349958   | 41.74 | ng    |          | 86  |
| 65) 4,6-Dinitro-2-methylph... | 15.887 | 198  | 74117    | 41.04 | ng    |          | 77  |
| 66) n-Nitrosodiphenylamine    | 15.993 | 169  | 288030   | 40.02 | ng    |          | 98  |
| 67) 4-Bromophenyl-phenylether | 16.663 | 248  | 127373   | 39.92 | ng    |          | 94  |
| 68) Hexachlorobenzene         | 16.786 | 284  | 131592   | 39.98 | ng    | #        | 92  |
| 69) Atrazine                  | 16.945 | 200  | 123602   | 41.30 | ng    |          | 96  |
| 70) Pentachlorophenol         | 17.150 | 266  | 81574    | 37.68 | ng    |          | 96  |
| 71) Phenanthrene              | 17.526 | 178  | 543071   | 40.19 | ng    |          | 96  |
| 72) Anthracene                | 17.620 | 178  | 535759   | 39.93 | ng    |          | 96  |
| 73) Carbazole                 | 17.902 | 167  | 509577   | 40.15 | ng    |          | 96  |
| 74) Di-n-butylphthalate       | 18.431 | 149  | 579910   | 41.23 | ng    | #        | 97  |
| 75) Fluoranthene              | 19.530 | 202  | 718545   | 40.85 | ng    |          | 95  |
| 77) Benzidine                 | 19.718 | 184  | 357427   | 40.76 | ng    |          | 96  |
| 78) Pyrene                    | 19.894 | 202  | 729382   | 38.92 | ng    |          | 97  |
| 80) Butylbenzylphthalate      | 20.764 | 149  | 264665   | 40.32 | ng    | #        | 84  |
| 81) Benzo(a)anthracene        | 21.745 | 228  | 732210   | 39.11 | ng    |          | 98  |
| 82) 3,3'-Dichlorobenzidine    | 21.663 | 252  | 248016   | 36.99 | ng    |          | 97  |
| 83) Chrysene                  | 21.815 | 228  | 713658   | 39.91 | ng    |          | 99  |
| 84) Bis(2-ethylhexyl)phtha... | 21.627 | 149  | 371906   | 40.33 | ng    |          | 96  |
| 85) Di-n-octyl phthalate      | 22.855 | 149  | 638309   | 40.66 | ng    | #        | 94  |
| 87) Indeno(1,2,3-cd)pyrene    | 28.831 | 276  | 810025   | 39.20 | ng    | #        | 88  |
| 88) Benzo(b)fluoranthene      | 24.013 | 252  | 737470   | 39.11 | ng    | #        | 97  |
| 89) Benzo(k)fluoranthene      | 24.083 | 252  | 712990   | 39.64 | ng    | #        | 96  |
| 90) Benzo(a)pyrene            | 24.912 | 252  | 688988   | 39.40 | ng    | #        | 96  |
| 91) Dibenzo(a,h)anthracene    | 28.901 | 278  | 689388   | 39.11 | ng    | #        | 95  |
| 92) Benzo(g,h,i)perylene      | 30.018 | 276  | 669536   | 39.09 | ng    | #        | 93  |

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

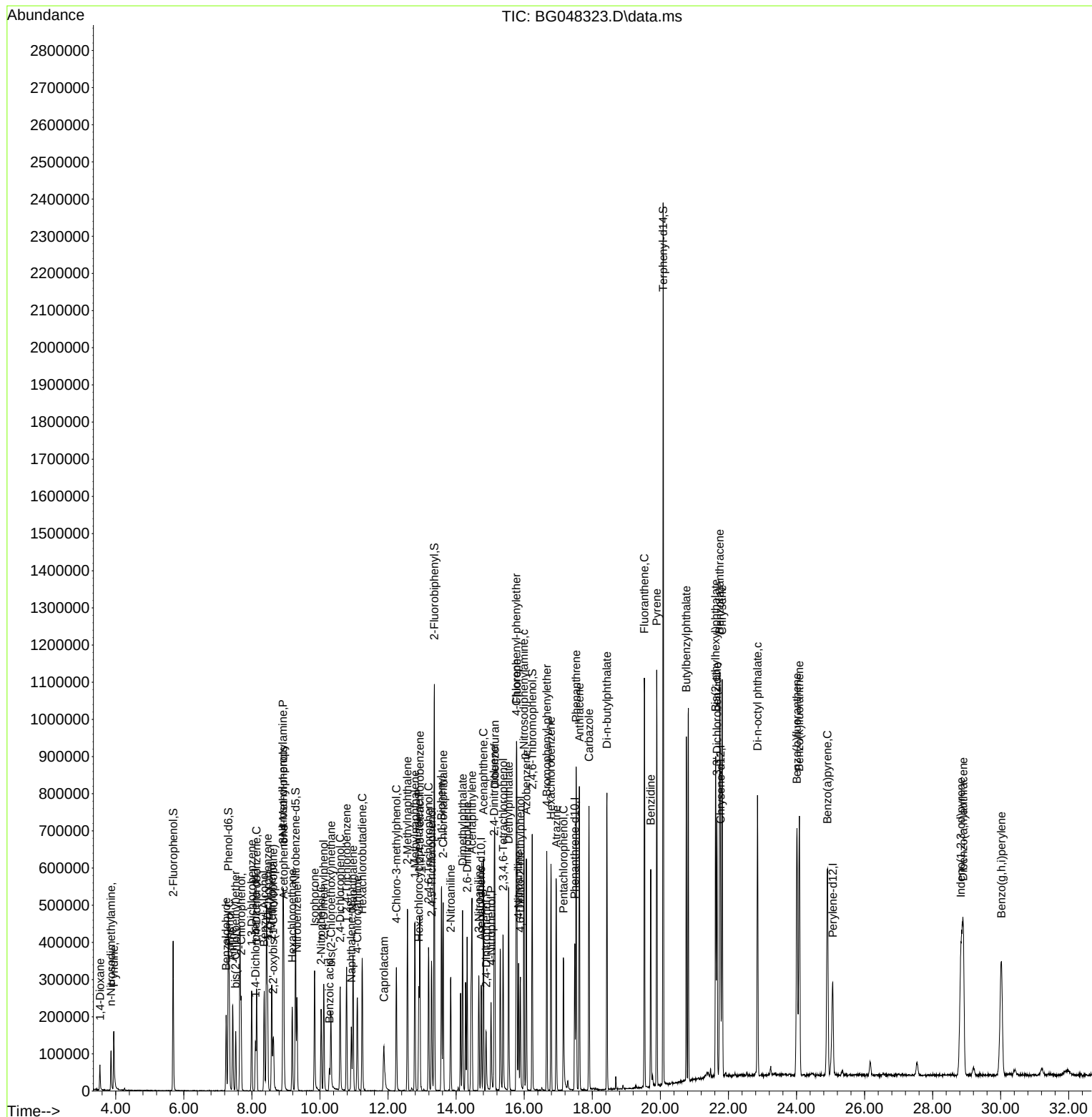
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030421\  
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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

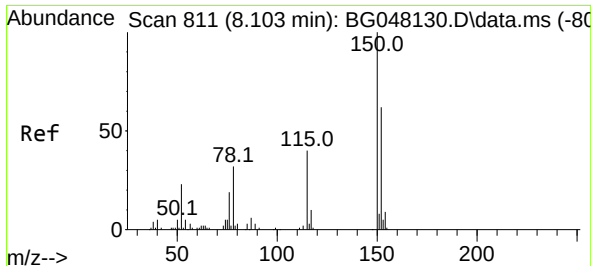
Instrument :  
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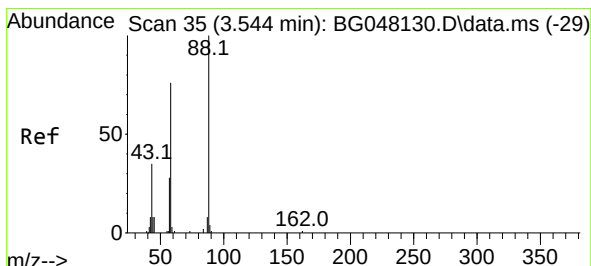
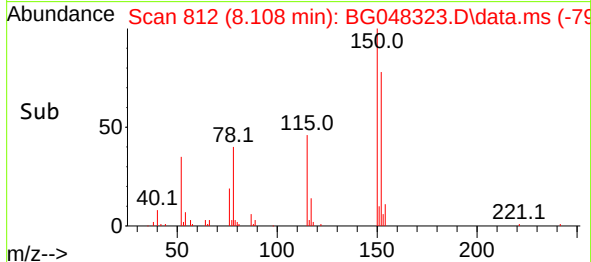
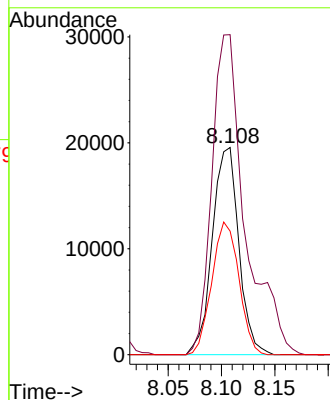
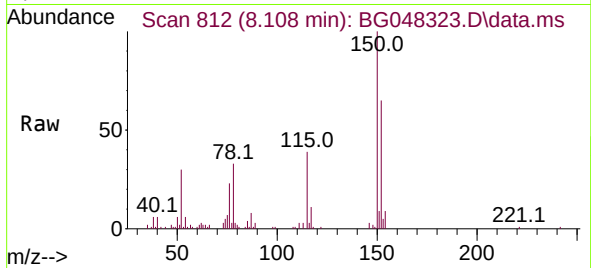
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.108 min Scan# 812  
Delta R.T. 0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:152 Resp: 33839  
Ion Ratio Lower Upper  
152 100  
150 154.4 125.0 187.6  
115 59.6 41.8 62.6

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

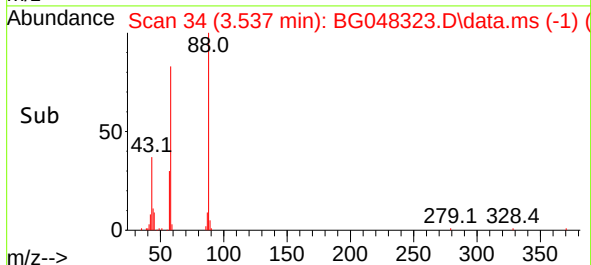
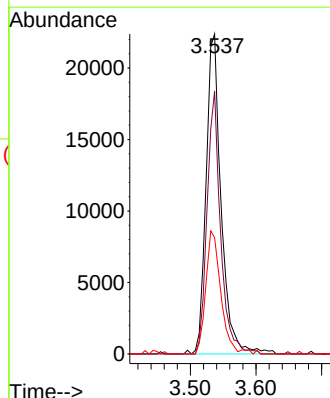
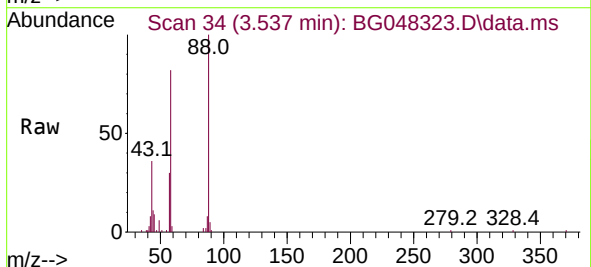
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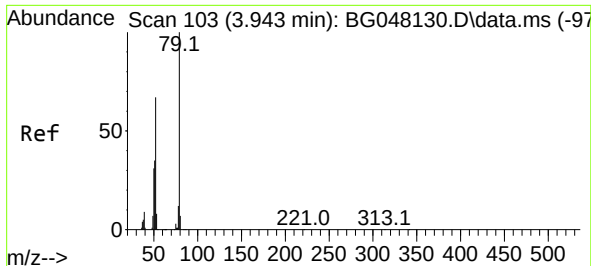
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#2  
1,4-Dioxane  
Concen: 39.30 ng  
RT: 3.537 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

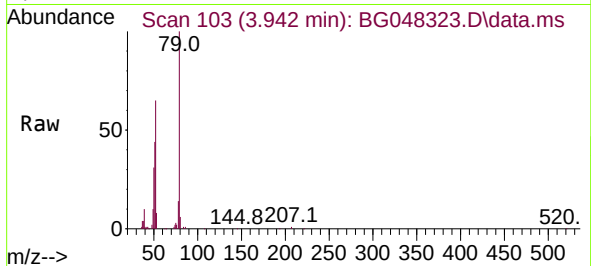
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Ion Ratio Lower Upper  
88 100  
58 73.6 61.6 92.4  
43 38.7 21.3 31.9#





#3  
Pyridine  
Concen: 41.21 ng  
RT: 3.942 min Scan# 103  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

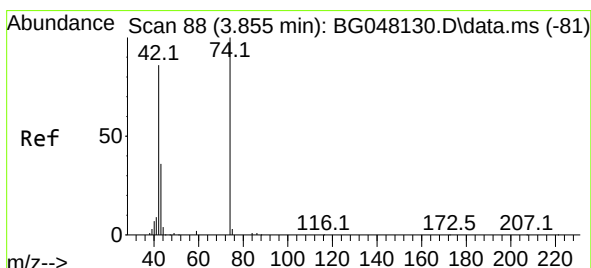
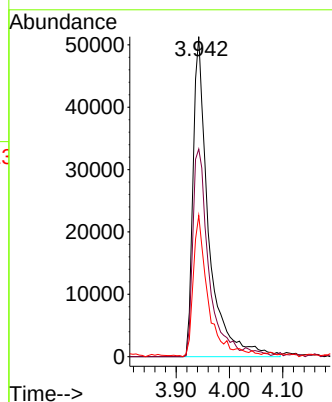
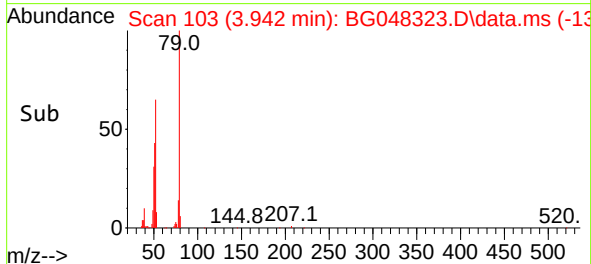
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



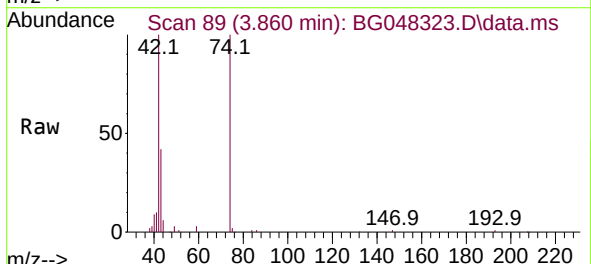
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Ion Ratio Lower Upper  
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52 64.9 61.3 91.9  
51 44.1 28.4 42.6#

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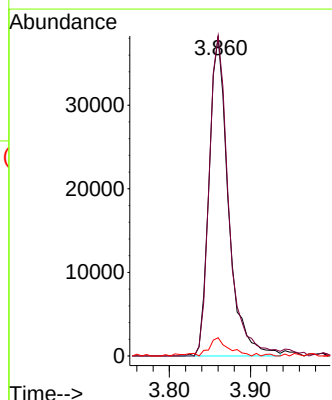
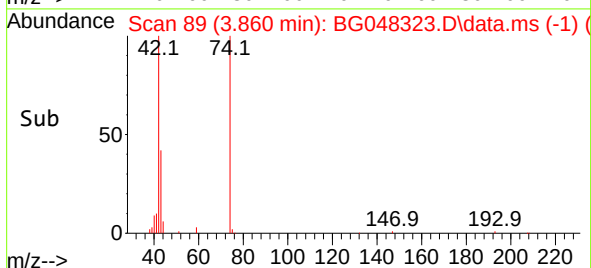
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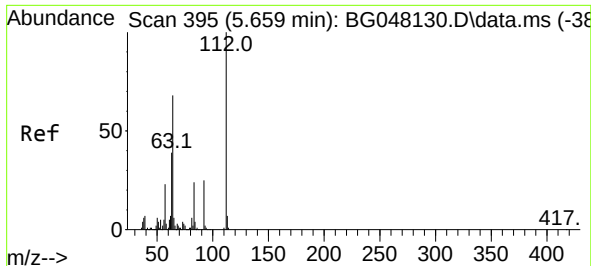


#4  
n-Nitrosodimethylamine  
Concen: 47.22 ng  
RT: 3.860 min Scan# 89  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



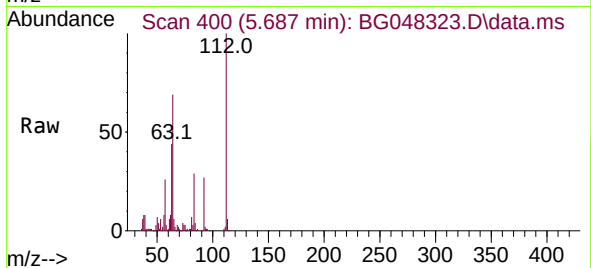
Tgt Ion: 42 Resp: 63131  
Ion Ratio Lower Upper  
42 100  
74 100.5 120.4 180.6#  
44 5.7 6.2 9.2#





#5  
2-Fluorophenol  
Concen: 81.70 ng  
RT: 5.687 min Scan# 400  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

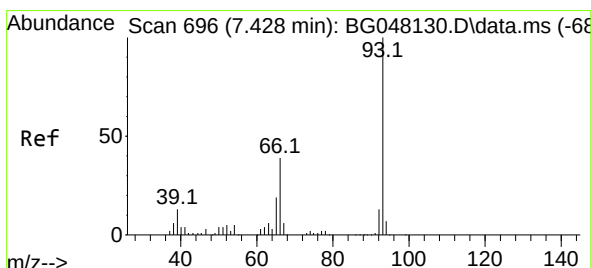
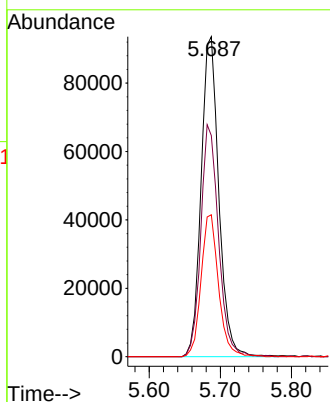
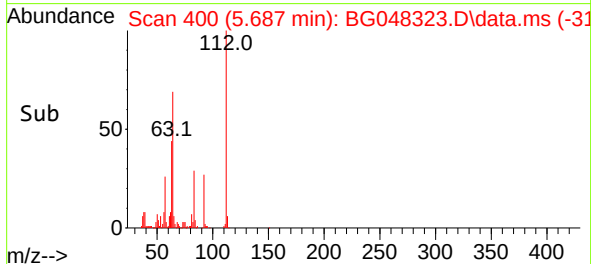
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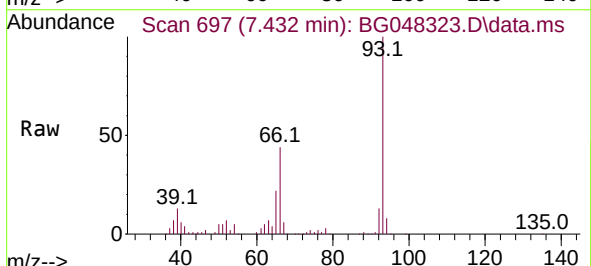
Tgt Ion:112 Resp: 162418  
Ion Ratio Lower Upper  
112 100  
64 69.1 46.7 70.1  
63 44.4 22.8 34.2#

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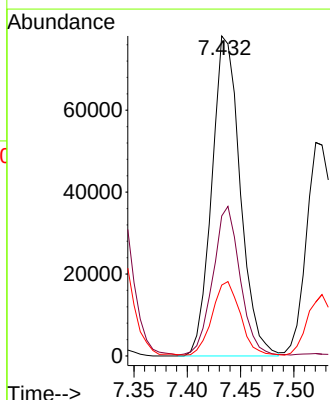
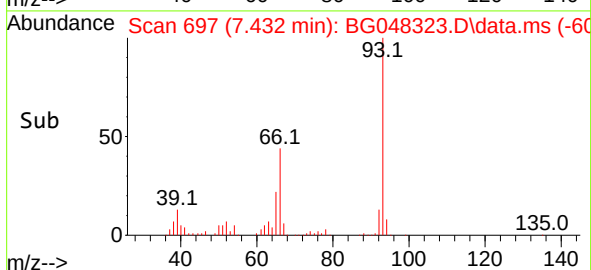
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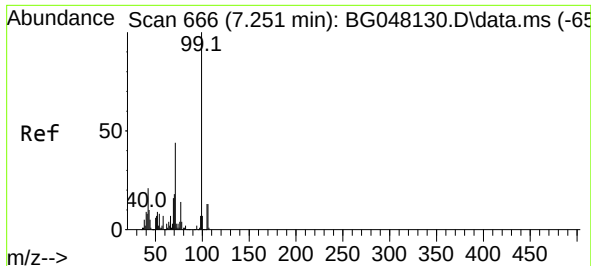


#6  
Aniline  
Concen: 40.16 ng  
RT: 7.432 min Scan# 697  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

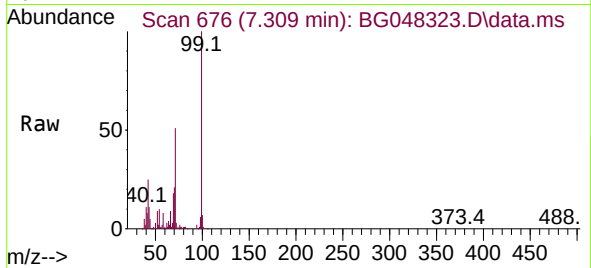


Tgt Ion: 93 Resp: 144931  
Ion Ratio Lower Upper  
93 100  
66 43.8 29.5 44.3  
65 22.2 15.5 23.3

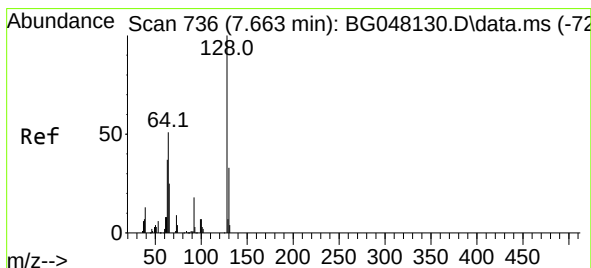
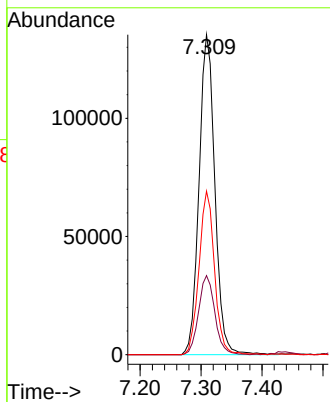
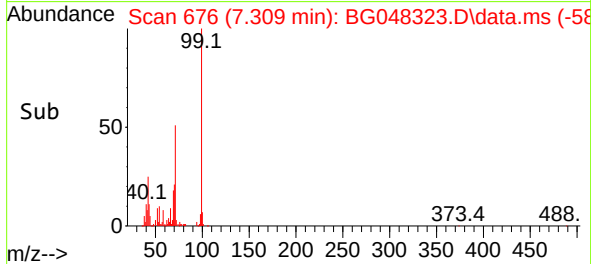




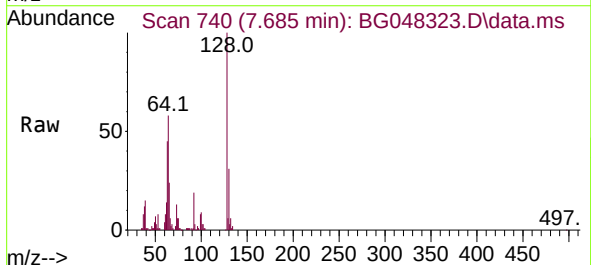
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Phenol-d6  
Concen: 80.94 ng  
RT: 7.309 min Scan# 676  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



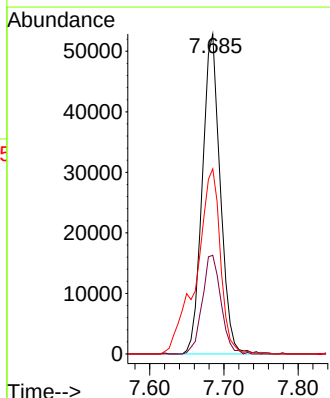
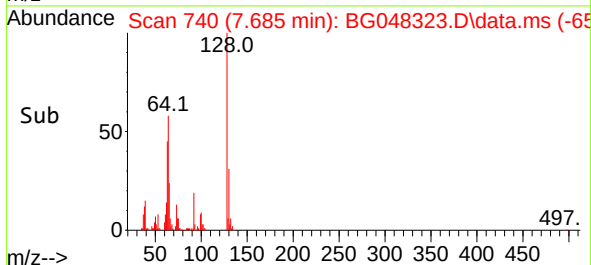
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Ion Ratio Lower Upper  
99 100  
42 24.7 12.8 19.2#  
71 51.1 24.6 36.8#



#8  
2-Chlorophenol  
Concen: 40.56 ng  
RT: 7.685 min Scan# 740  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



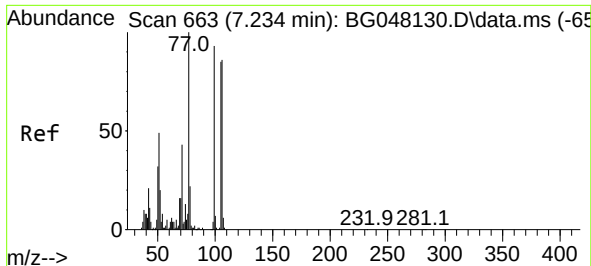
Tgt Ion:128 Resp: 88565  
Ion Ratio Lower Upper  
128 100  
130 30.8 12.6 52.6  
64 57.8 24.8 64.8



Instrument :  
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ClientSampleId :  
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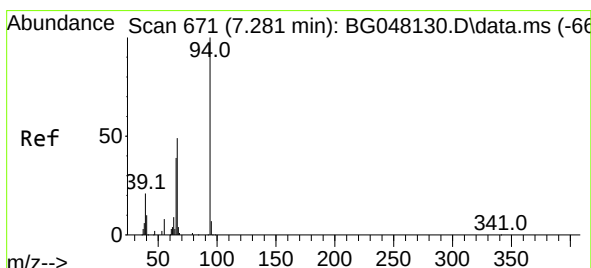
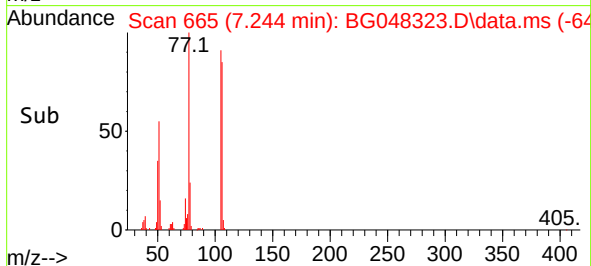
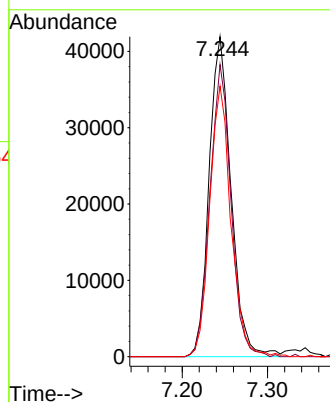
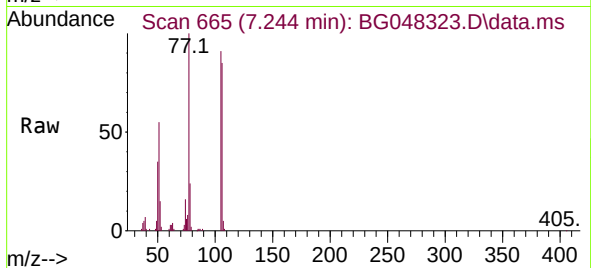
#9  
Benzaldehyde  
Concen: 34.98 ng  
RT: 7.244 min Scan# 665  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion: 77 Resp: 74850  
Ion Ratio Lower Upper  
77 100  
105 91.3 85.9 125.9  
106 84.5 80.9 120.9

Instrument :  
BNA\_G  
ClientSampleId :  
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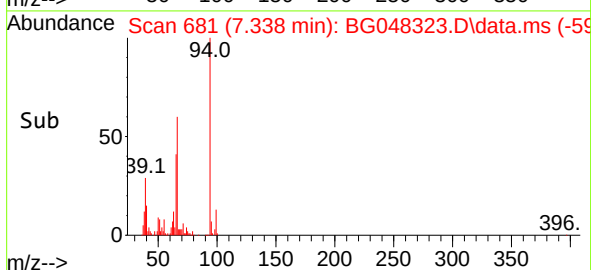
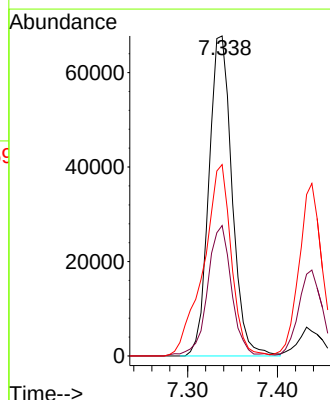
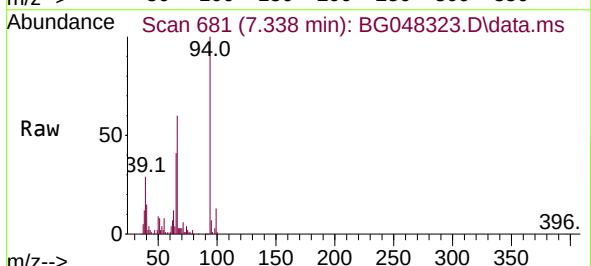
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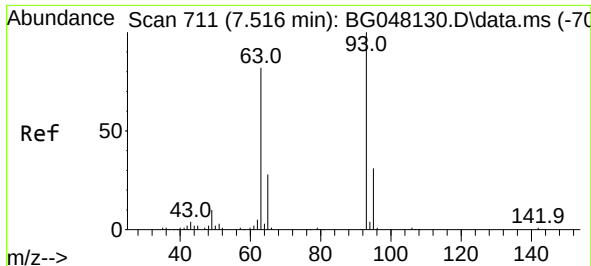


#10  
Phenol  
Concen: 39.71 ng  
RT: 7.338 min Scan# 681  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion: 94 Resp: 121279  
Ion Ratio Lower Upper  
94 100  
65 40.7 6.6 46.6  
66 59.8 13.9 53.9#

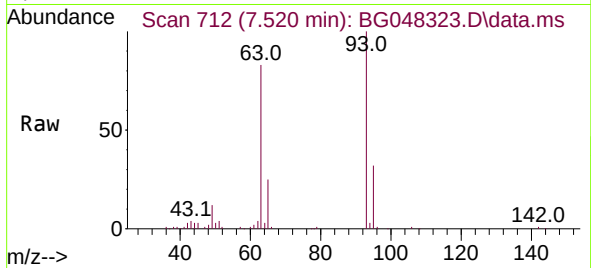






#11  
bis(2-Chloroethyl)ether  
Concen: 38.83 ng  
RT: 7.520 min Scan# 712  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

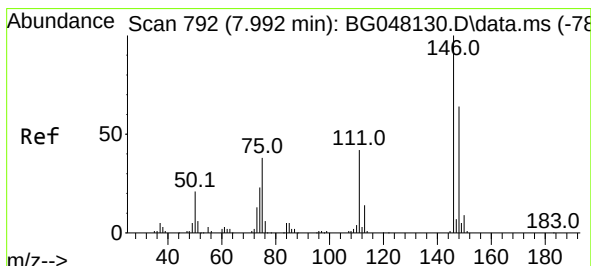
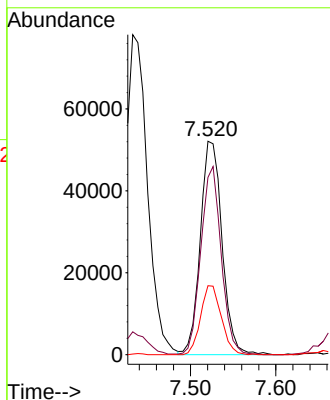
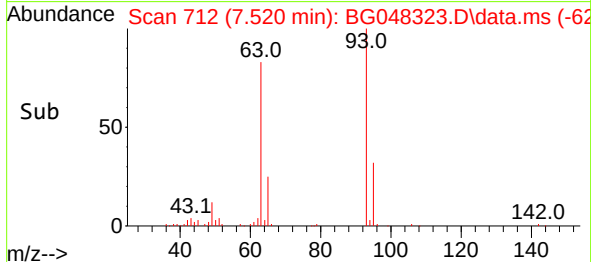
Instrument :  
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ClientSampleId :  
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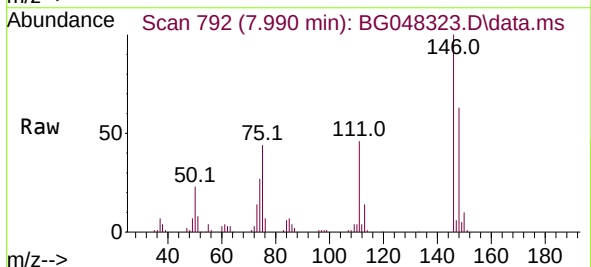
|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 92396 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 83.0     | 56.4 96.4   |
| 95 32.3     | 13.8 53.8   |

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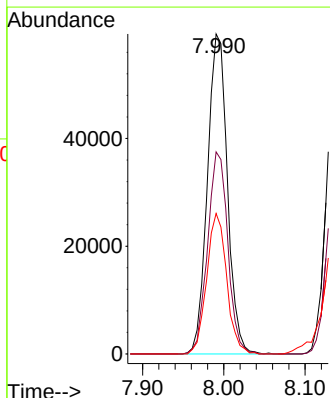
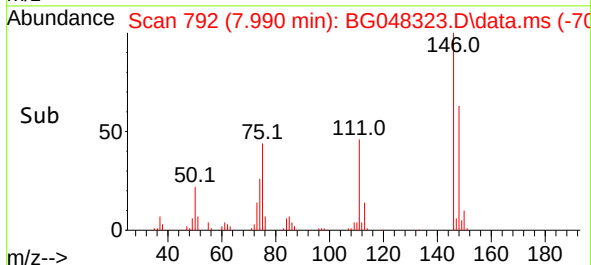
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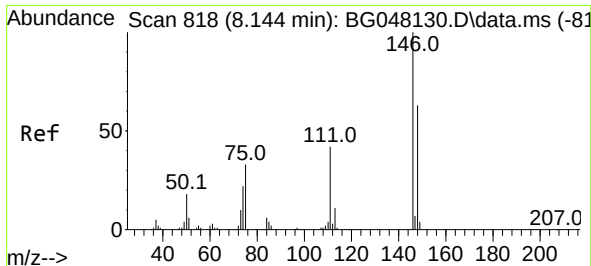


#12  
1,3-Dichlorobenzene  
Concen: 40.16 ng  
RT: 7.990 min Scan# 792  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:146 | Resp: | 101310 |       |
| Ion         | Ratio | Lower  | Upper |
| 146         | 100   |        |       |
| 148         | 63.2  | 50.1   | 75.1  |
| 75          | 43.9  | 20.1   | 30.1# |





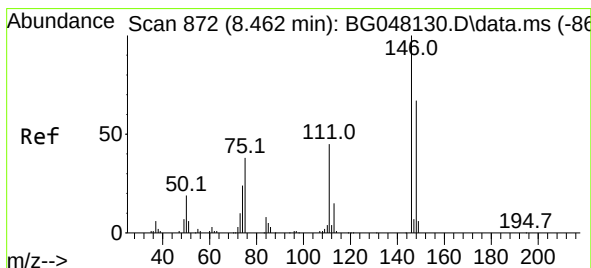
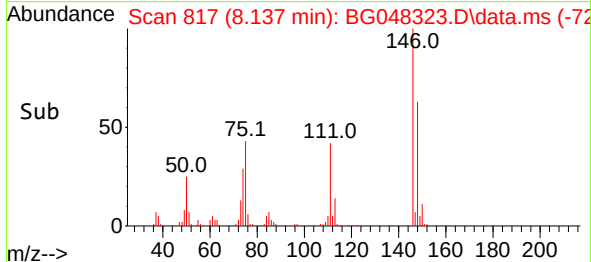
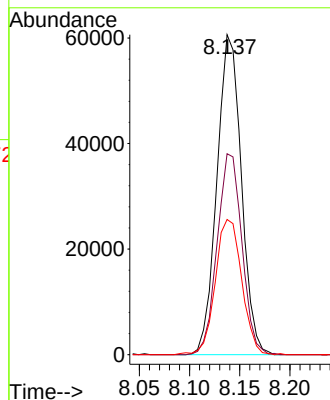
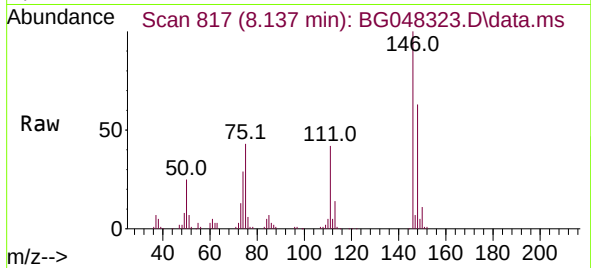
#13  
1,4-Dichlorobenzene  
Concen: 40.30 ng  
RT: 8.137 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:146 Resp: 102507  
Ion Ratio Lower Upper  
146 100  
148 62.8 51.1 76.7  
111 42.2 29.7 44.5

Instrument :  
BNA\_G  
ClientSampled :  
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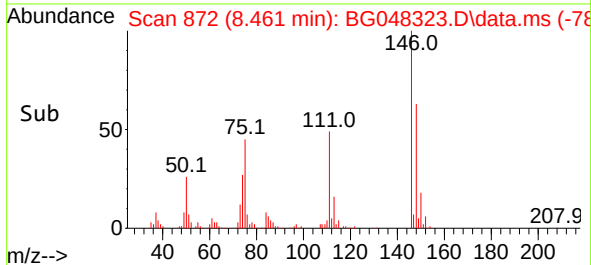
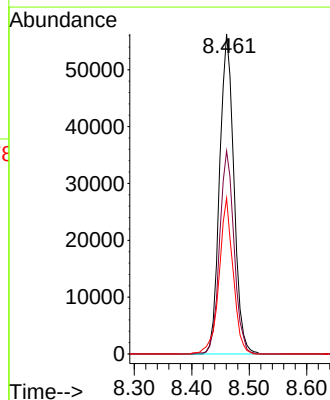
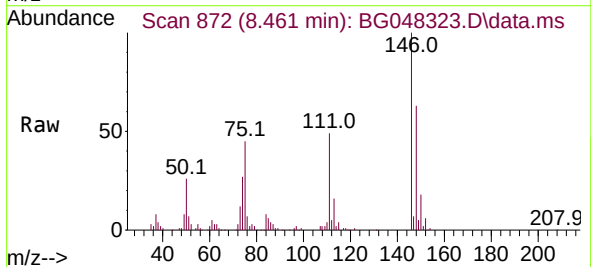
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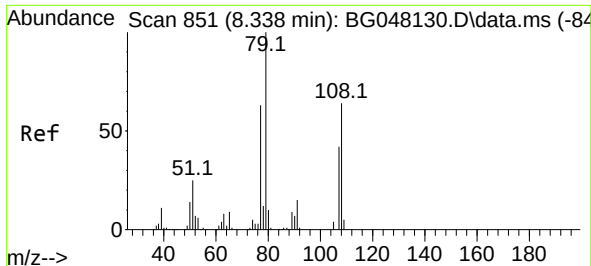
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#14  
1,2-Dichlorobenzene  
Concen: 40.21 ng m  
RT: 8.461 min Scan# 872  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:146 Resp: 97279  
Ion Ratio Lower Upper  
146 100  
148 63.4 53.0 79.6  
111 48.7 30.7 46.1#





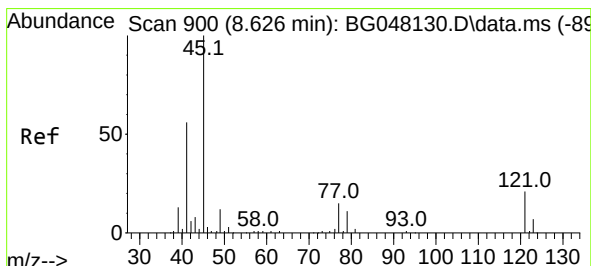
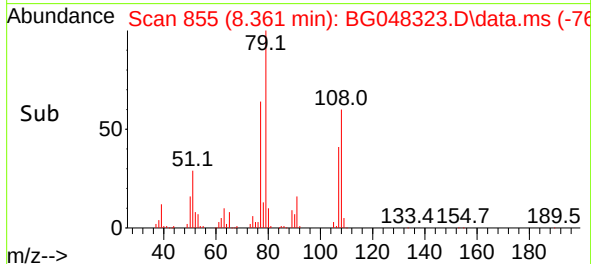
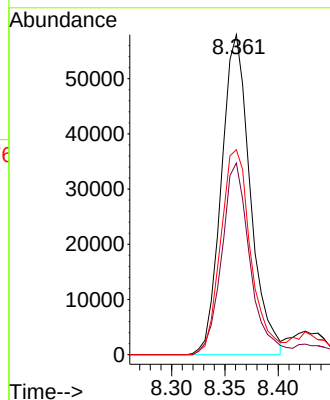
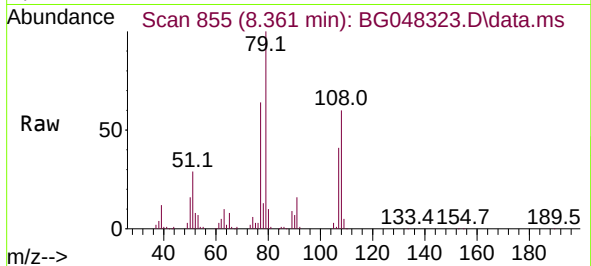
#15  
Benzyl Alcohol  
Concen: 40.94 ng  
RT: 8.361 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion: 79 Resp: 108982  
Ion Ratio Lower Upper  
79 100  
108 59.9 65.5 98.3#  
77 64.0 50.1 75.1

Instrument :  
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ClientSampleId :  
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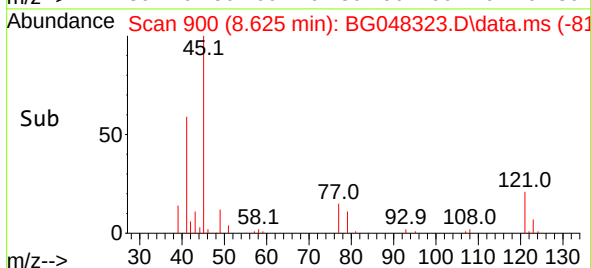
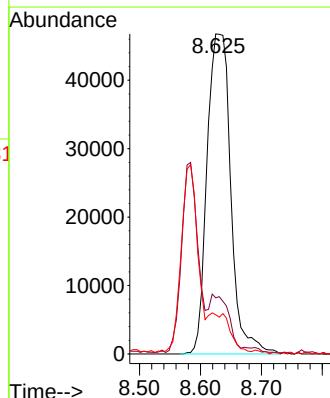
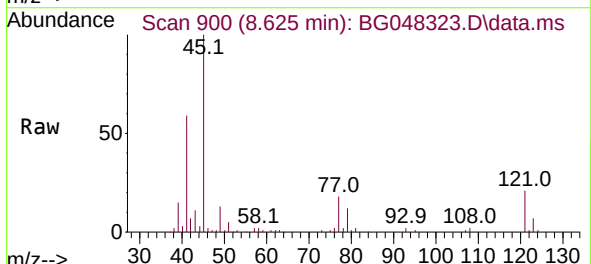
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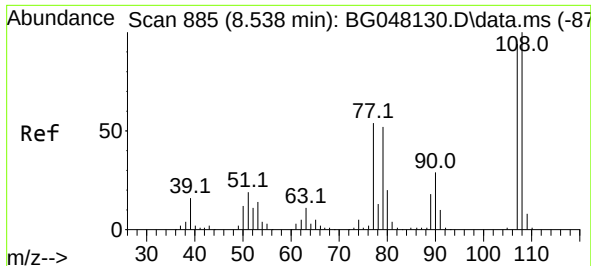
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.00 ng  
RT: 8.625 min Scan# 900  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

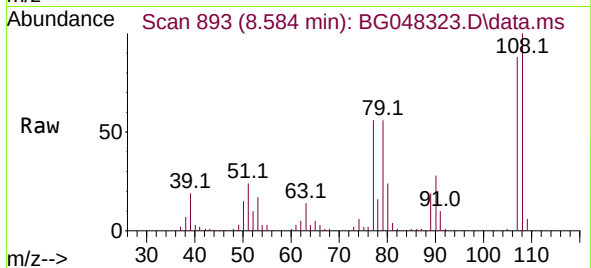
Tgt Ion: 45 Resp: 126505  
Ion Ratio Lower Upper  
45 100  
77 17.5 0.0 33.4  
79 12.2 0.0 30.8





#17  
2-Methylphenol  
Concen: 40.10 ng  
RT: 8.584 min Scan# 893  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

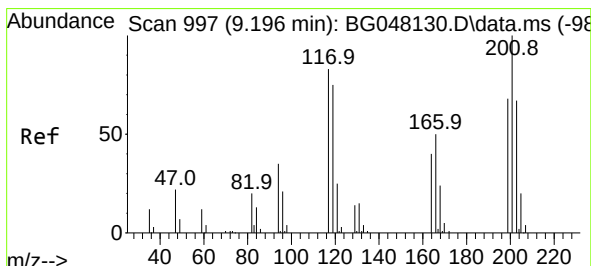
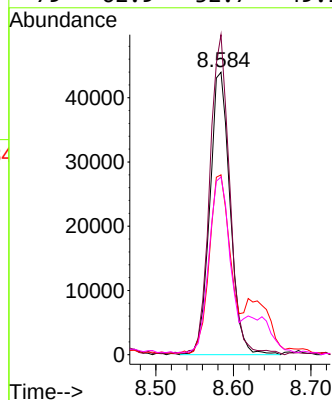
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



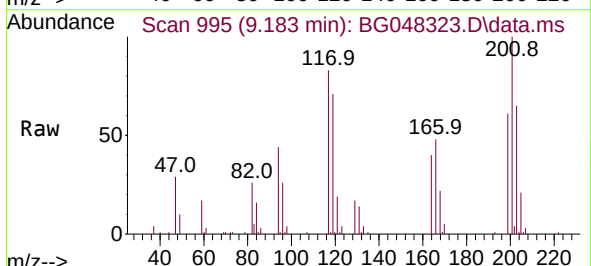
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.3 | 87.2  | 130.8 |
| 77      | 63.7  | 33.8  | 50.8# |
| 79      | 62.9  | 32.7  | 49.1# |

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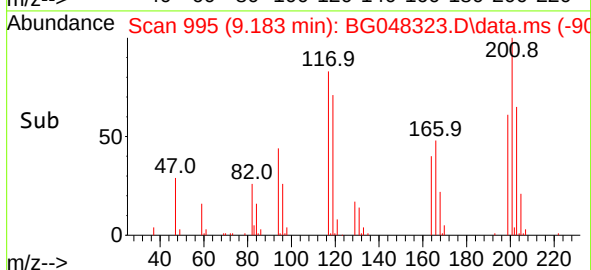
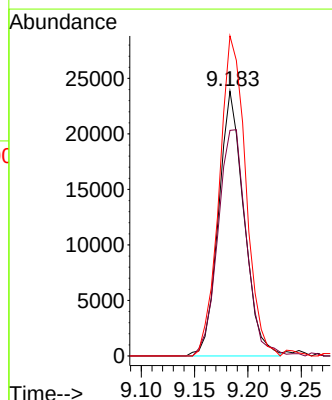
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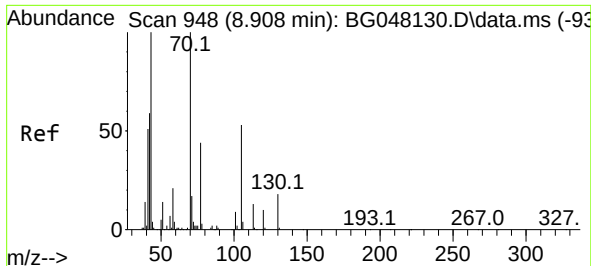


#18  
Hexachloroethane  
Concen: 40.67 ng  
RT: 9.183 min Scan# 995  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



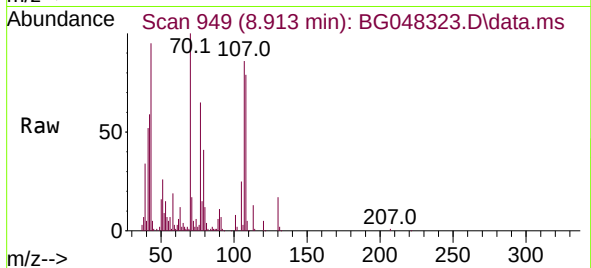
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 85.2  | 77.5  | 116.3 |
| 201     | 120.9 | 104.9 | 157.3 |



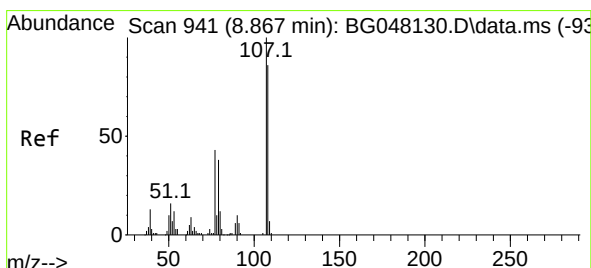
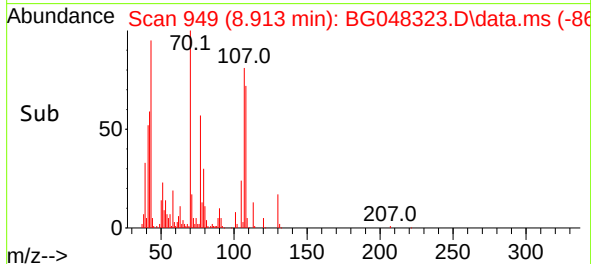
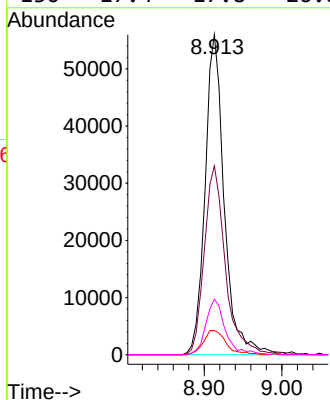


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.20 ng  
RT: 8.913 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Instrument :  
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ClientSampleId :  
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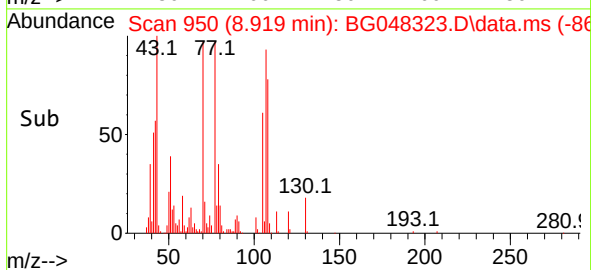
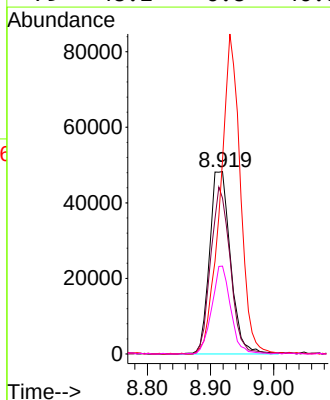
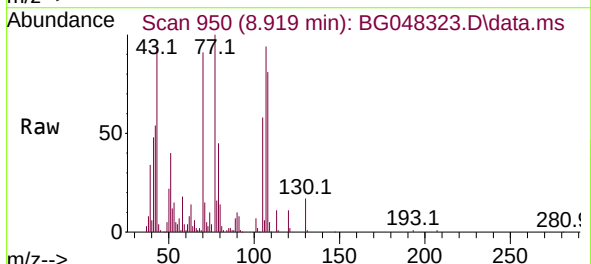


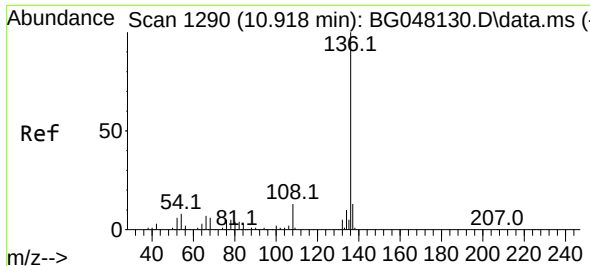
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 70    | Resp: | 96045 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 59.0  | 45.6  | 68.4  |
| 101       | 7.6   | 8.4   | 12.6# |
| 130       | 17.4  | 17.8  | 26.8# |



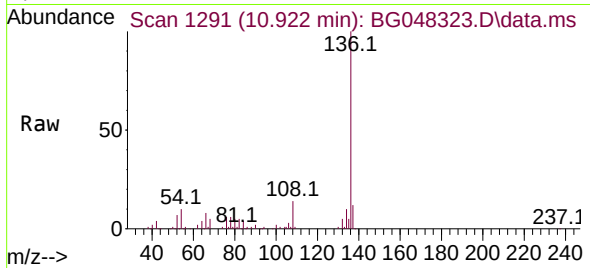
#20  
3+4-Methylphenols  
Concen: 40.12 ng  
RT: 8.919 min Scan# 950  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 111322 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 85.5  | 70.6  | 110.6  |
| 77        | 106.1 | 10.2  | 50.2#  |
| 79        | 48.2  | 6.8   | 46.8#  |

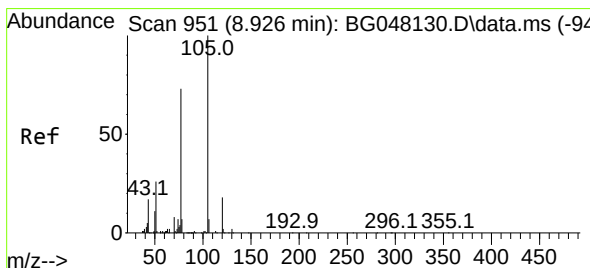
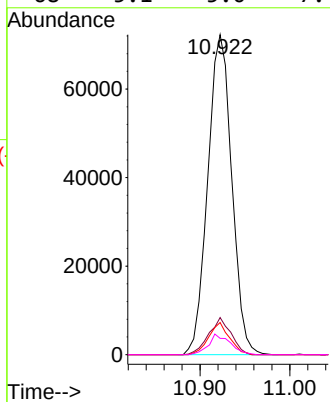
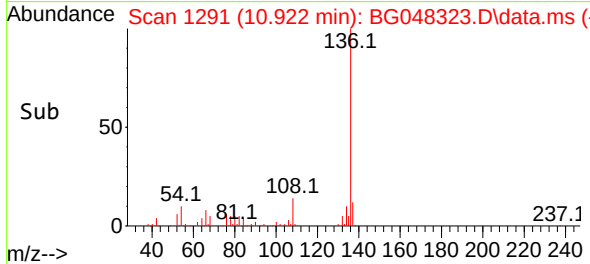




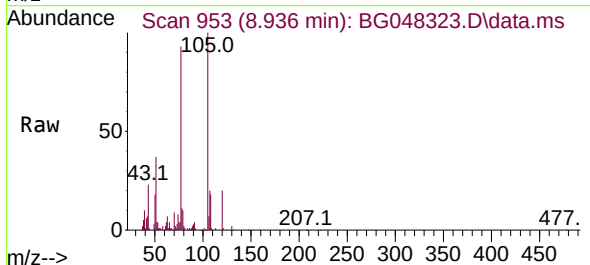
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.922 min Scan# 1291  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



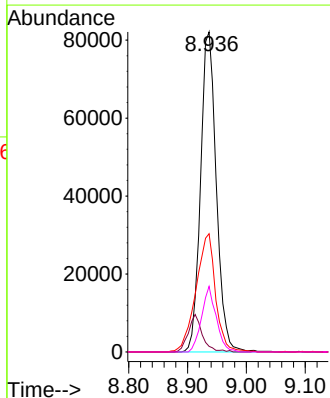
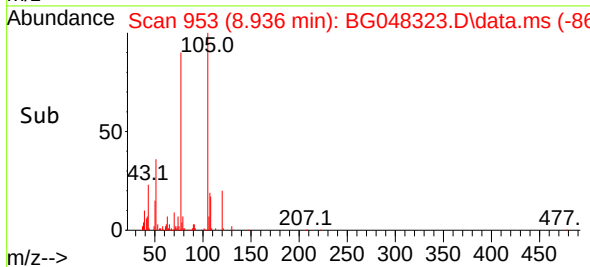
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 134234 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.6  | 9.1   | 13.7   |
| 54        | 10.0  | 6.2   | 9.4#   |
| 68        | 5.1   | 5.0   | 7.4    |



#22  
Acetophenone  
Concen: 39.73 ng  
RT: 8.936 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



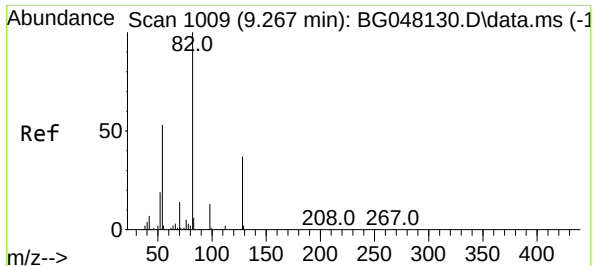
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 153109 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.8   | 2.7   | 4.1#   |
| 51        | 36.9  | 21.0  | 31.6#  |
| 120       | 20.5  | 19.3  | 28.9   |



Instrument :  
BNA\_G  
ClientSampleId :  
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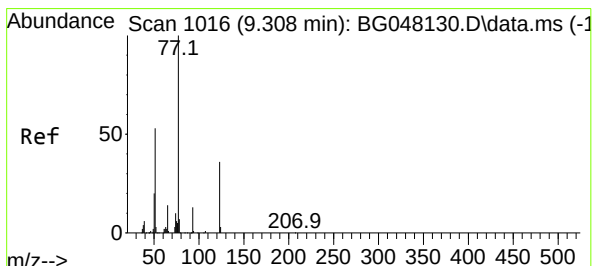
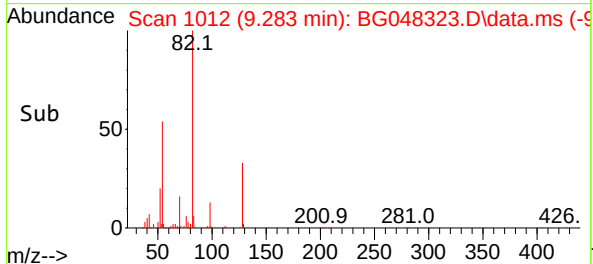
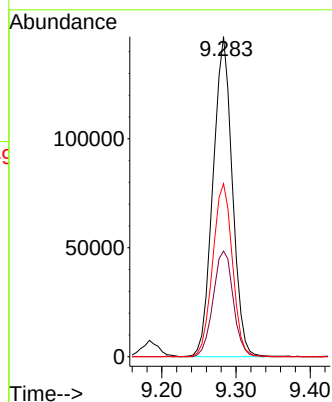
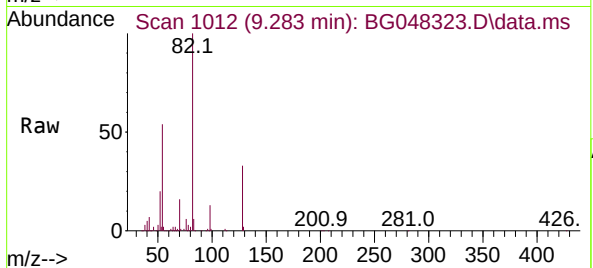
#23  
Nitrobenzene-d5  
Concen: 83.83 ng  
RT: 9.283 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion: 82 Resp: 266037  
Ion Ratio Lower Upper  
82 100  
128 33.0 37.0 55.6#  
54 54.0 39.0 58.4

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

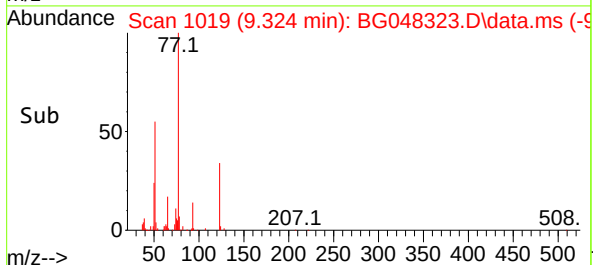
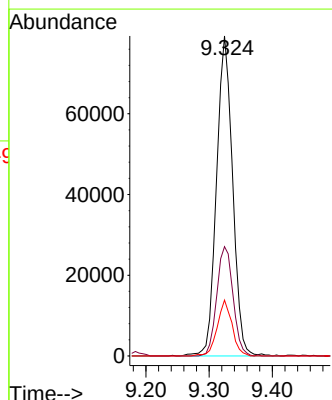
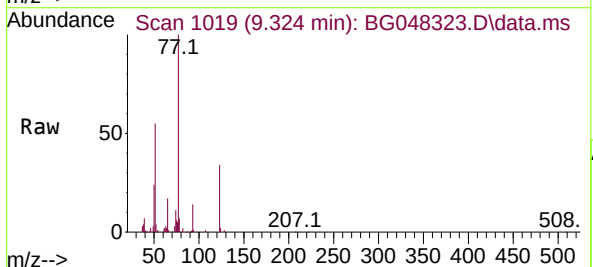
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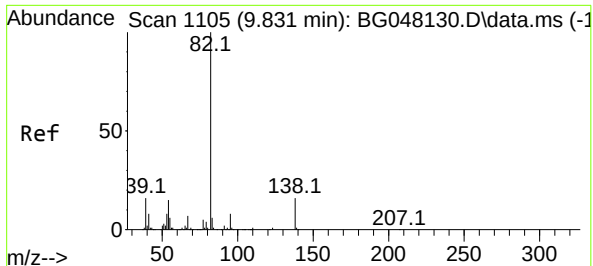
mohammad  
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#24  
Nitrobenzene  
Concen: 41.40 ng  
RT: 9.324 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion: 77 Resp: 140172  
Ion Ratio Lower Upper  
77 100  
123 34.1 39.7 59.5#  
65 17.4 10.4 15.6#





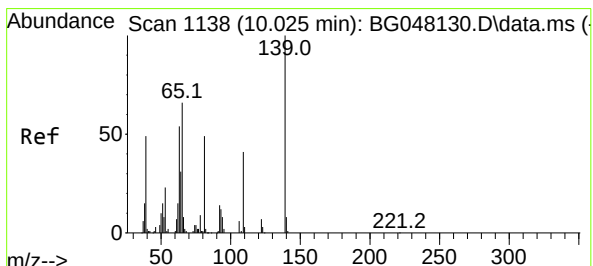
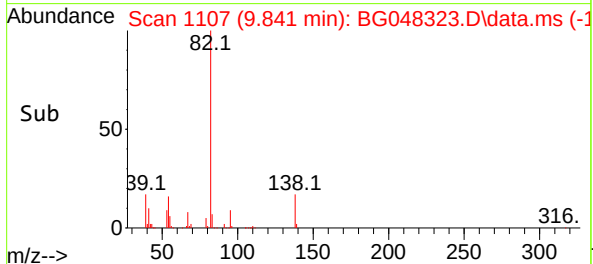
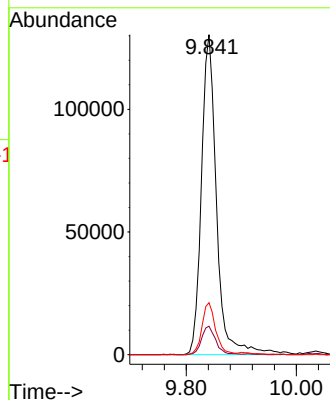
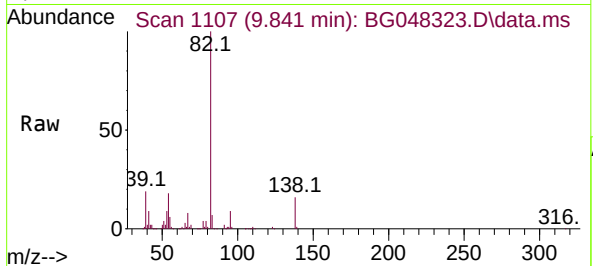
#25  
Isophorone  
Concen: 39.36 ng  
RT: 9.841 min Scan# 1107  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion: 82 Resp: 247677  
Ion Ratio Lower Upper  
82 100  
95 8.9 5.6 8.4#  
138 16.3 15.8 23.6

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

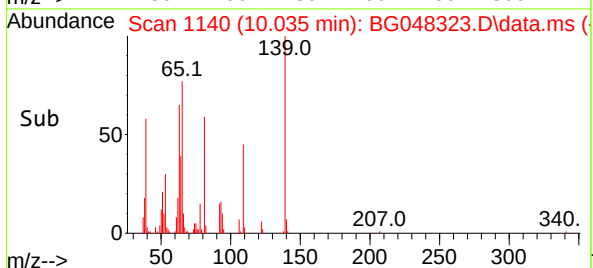
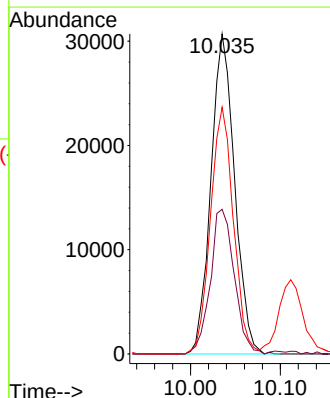
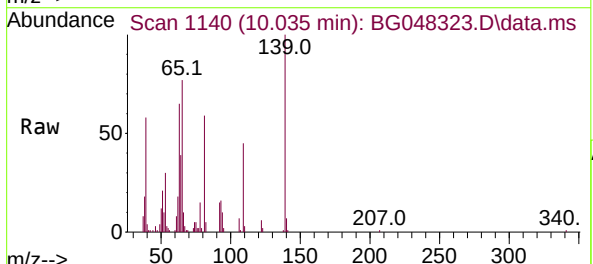
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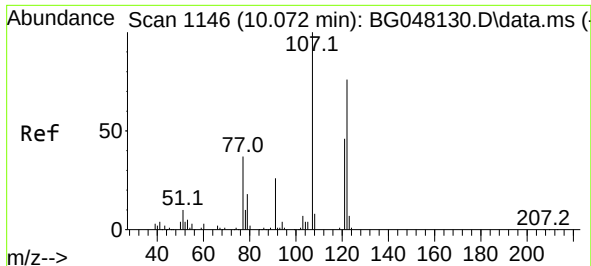


#26  
2-Nitrophenol  
Concen: 40.11 ng  
RT: 10.035 min Scan# 1140  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion: 139 Resp: 56179  
Ion Ratio Lower Upper  
139 100  
109 45.2 20.7 31.1#  
65 77.1 36.1 54.1#

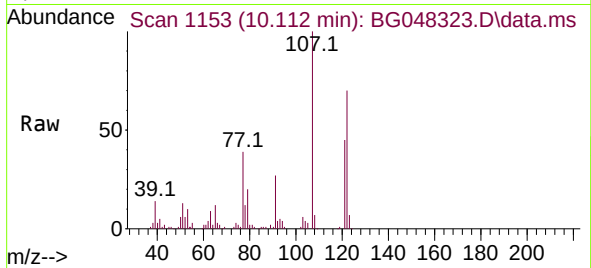






#27  
2,4-Dimethylphenol  
Concen: 38.97 ng  
RT: 10.112 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

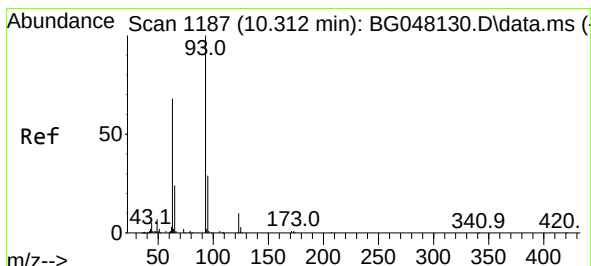
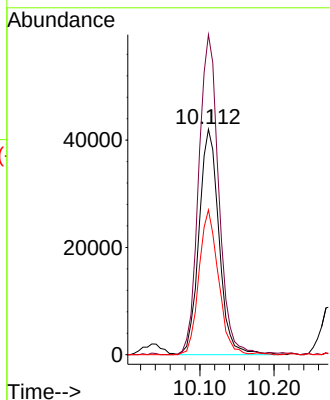
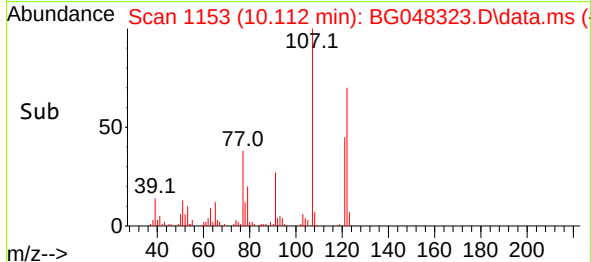
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



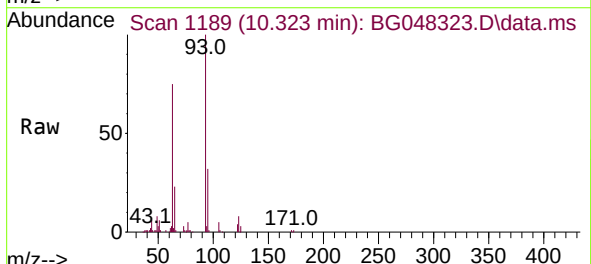
Tgt Ion:122 Resp: 78564  
Ion Ratio Lower Upper  
122 100  
107 142.0 89.2 133.8#  
121 64.2 46.9 70.3

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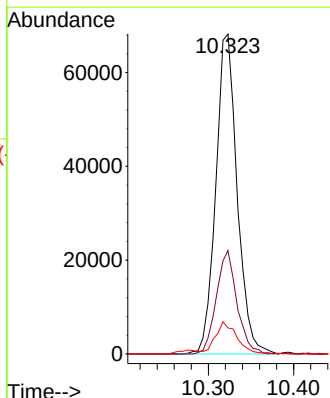
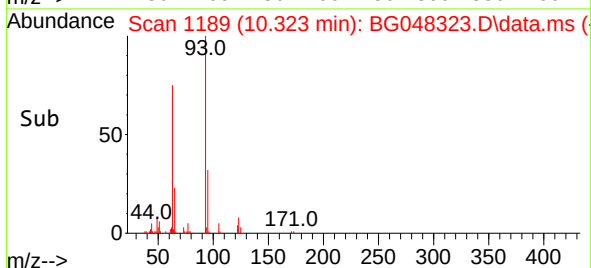
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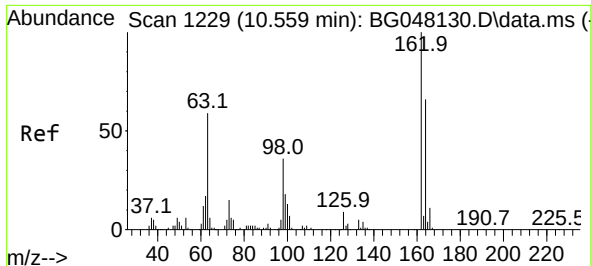


#28  
bis(2-Chloroethoxy)methane  
Concen: 38.63 ng  
RT: 10.323 min Scan# 1189  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



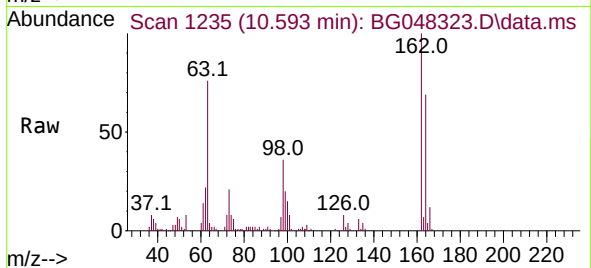
Tgt Ion: 93 Resp: 118826  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.5 39.7  
123 8.2 9.4 14.0#





#29  
2,4-Dichlorophenol  
Concen: 38.40 ng  
RT: 10.593 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

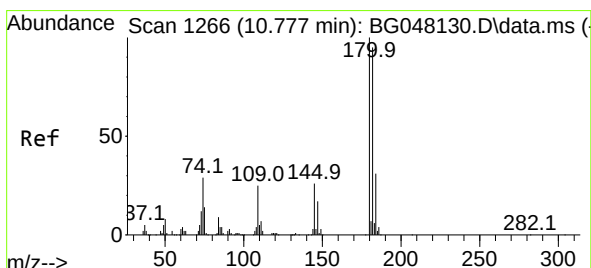
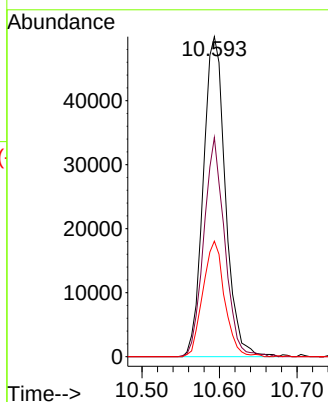
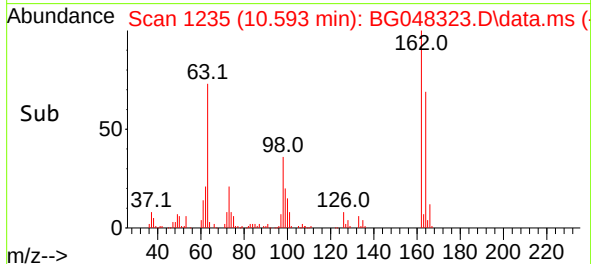
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



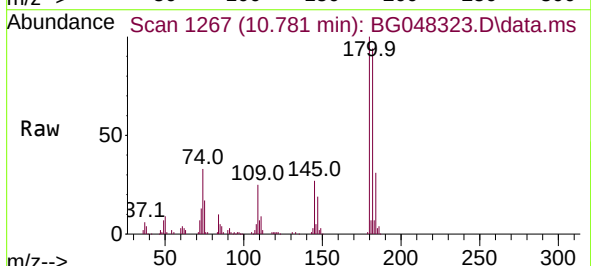
Tgt Ion:162 Resp: 99001  
Ion Ratio Lower Upper  
162 100  
164 68.5 45.6 85.6  
98 36.1 11.0 51.0

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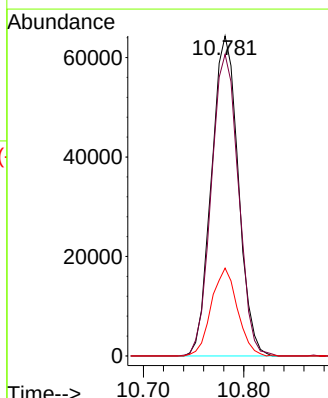
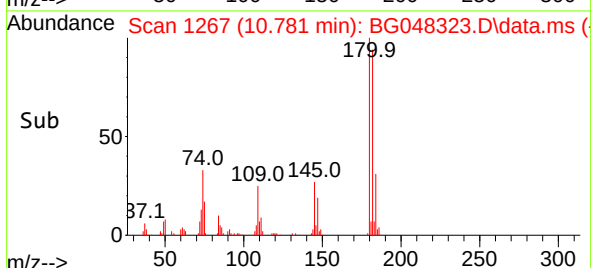
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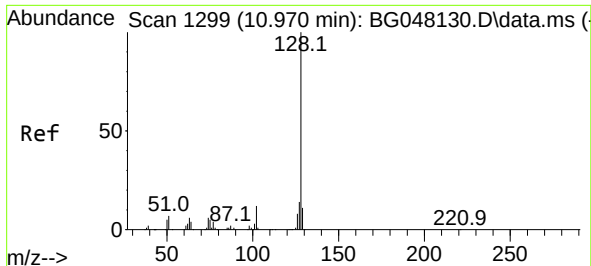


#30  
1,2,4-Trichlorobenzene  
Concen: 40.65 ng  
RT: 10.781 min Scan# 1267  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



Tgt Ion:180 Resp: 119144  
Ion Ratio Lower Upper  
180 100  
182 94.2 76.9 115.3  
145 27.5 21.4 32.0





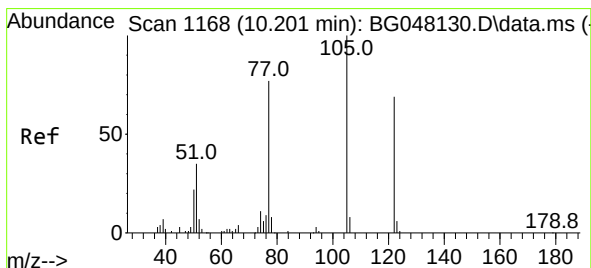
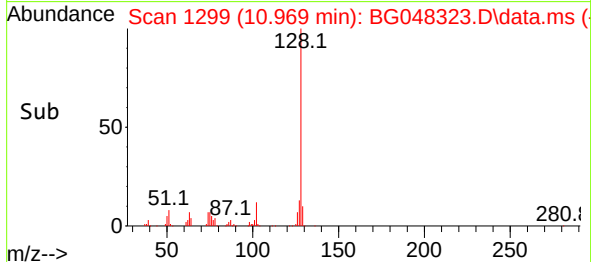
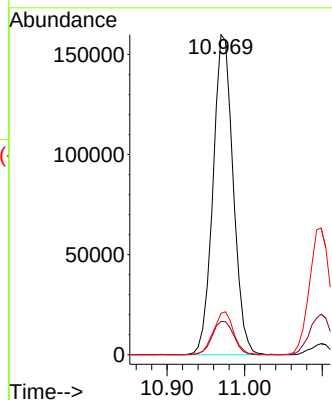
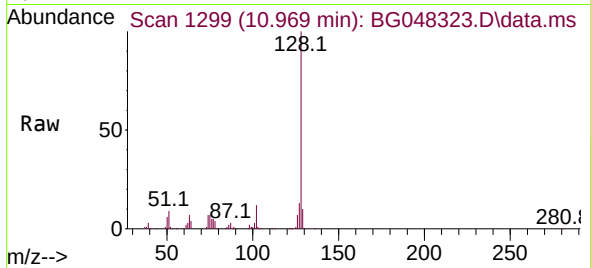
#31  
Naphthalene  
Concen: 38.92 ng  
RT: 10.969 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:128 Resp: 288404  
Ion Ratio Lower Upper  
128 100  
129 10.4 9.0 13.6  
127 12.9 11.0 16.4

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

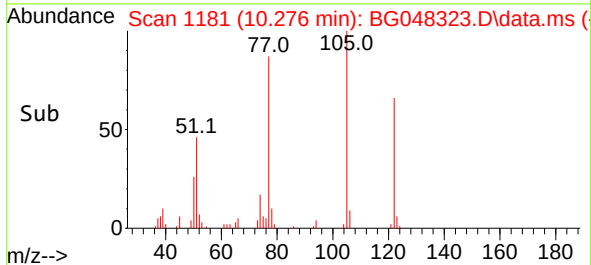
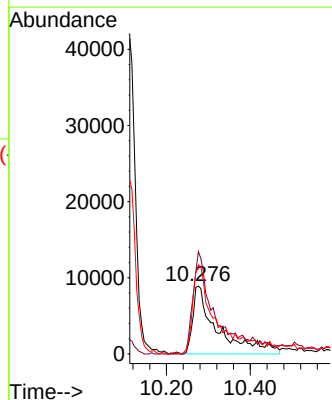
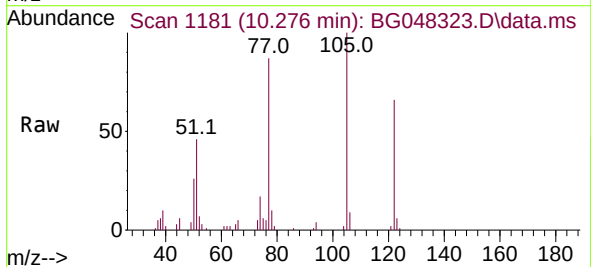
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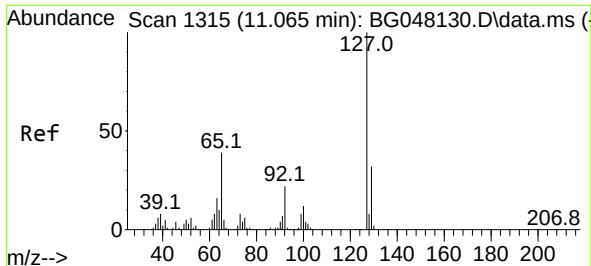
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#32  
Benzoic acid  
Concen: 26.25 ng m  
RT: 10.276 min Scan# 1181  
Delta R.T. -0.012 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

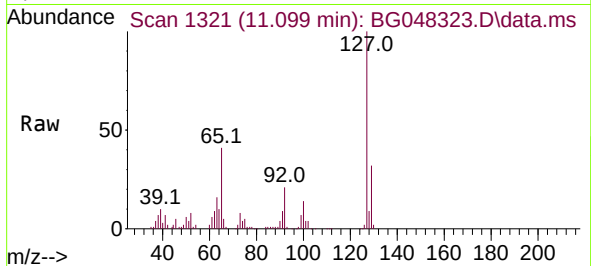
Tgt Ion:122 Resp: 36244  
Ion Ratio Lower Upper  
122 100  
105 150.9 103.7 143.7#  
77 131.2 63.0 103.0#





#33  
4-Chloroaniline  
Concen: 38.30 ng  
RT: 11.099 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

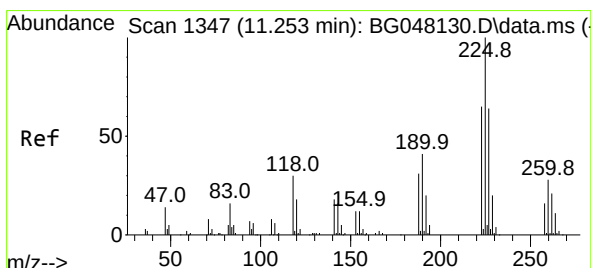
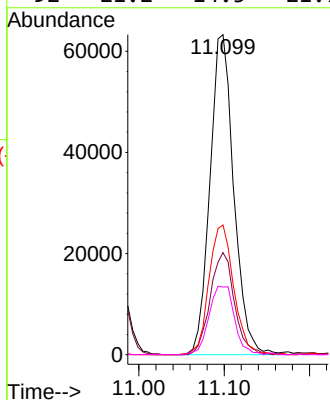
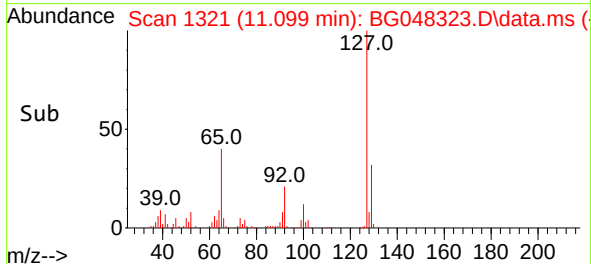
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



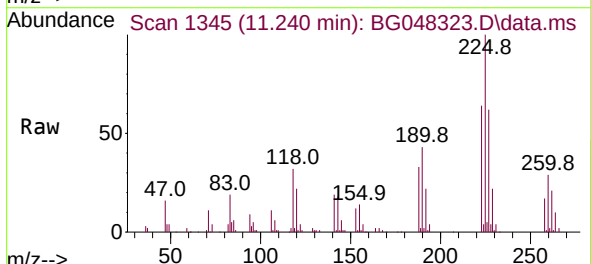
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 123105 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 31.9  | 26.8  | 40.2   |
| 65        | 40.5  | 23.8  | 35.6#  |
| 92        | 21.2  | 14.5  | 21.7   |

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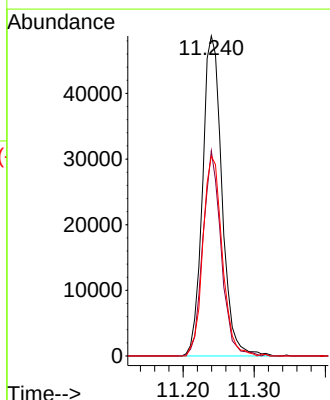
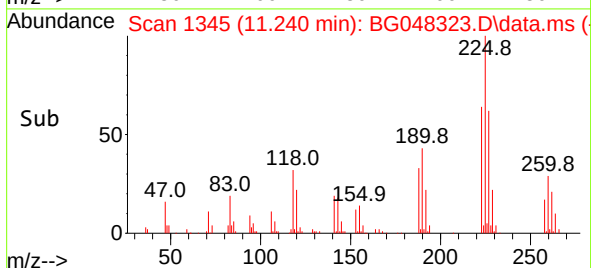
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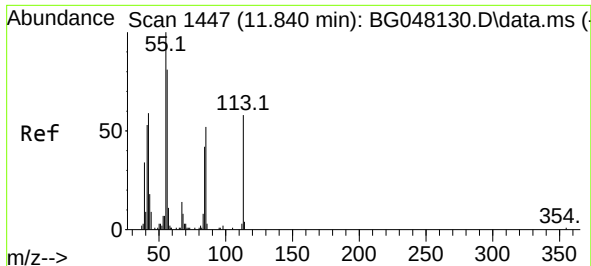


#34  
Hexachlorobutadiene  
Concen: 42.19 ng  
RT: 11.240 min Scan# 1345  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



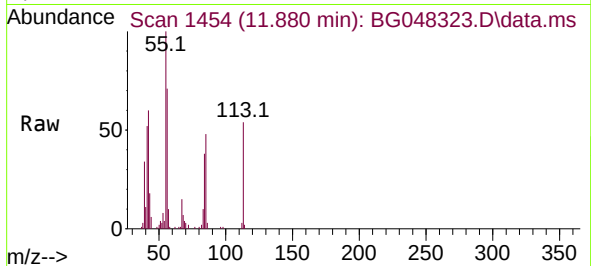
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 92492 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.1  | 49.5  | 74.3  |
| 227       | 62.4  | 52.0  | 78.0  |





#35  
Caprolactam  
Concen: 38.86 ng  
RT: 11.880 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

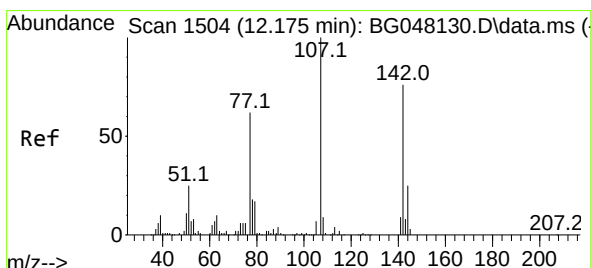
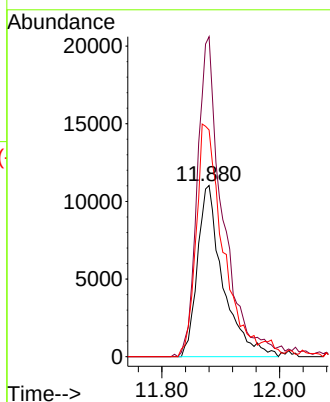
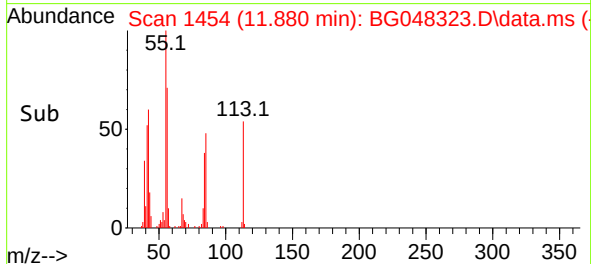
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



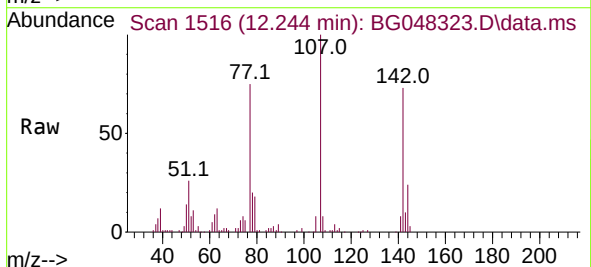
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 186.9 | 149.2 | 189.2 |
| 56      | 132.4 | 107.2 | 147.2 |

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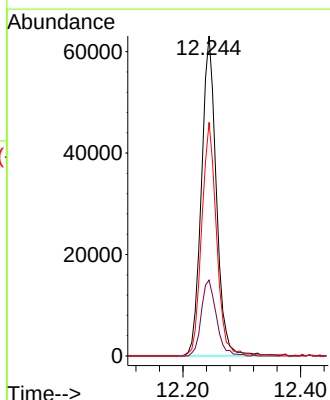
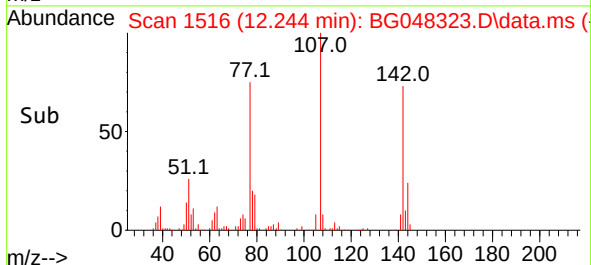
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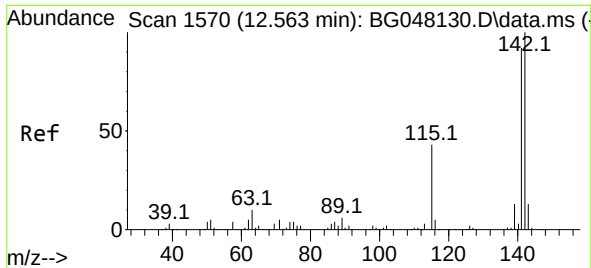


#36  
4-Chloro-3-methylphenol  
Concen: 39.02 ng  
RT: 12.244 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



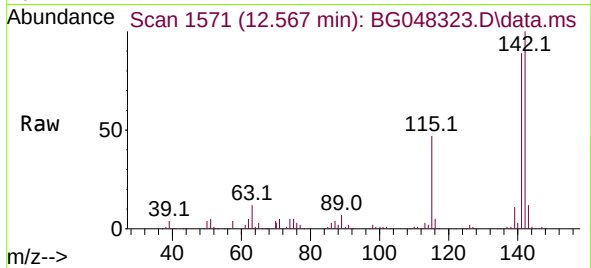
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.7  | 22.5  | 33.7  |
| 142     | 73.0  | 70.8  | 106.2 |





#37  
2-Methylnaphthalene  
Concen: 38.48 ng  
RT: 12.567 min Scan# 1571  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

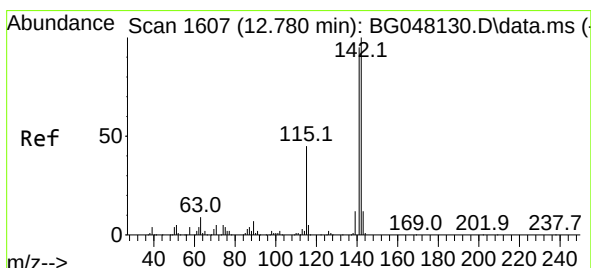
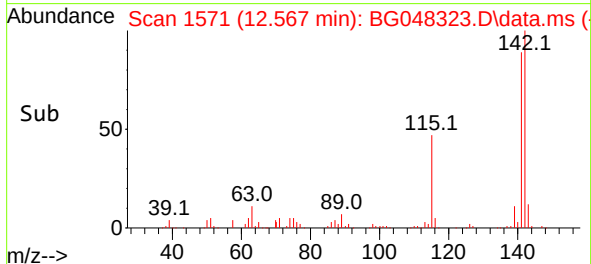
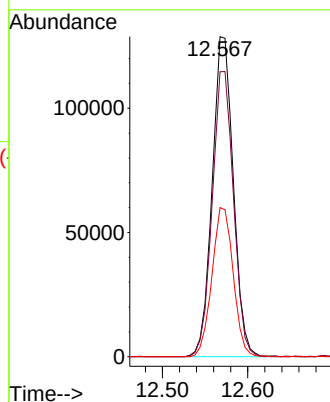
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:142 Resp: 221723  
Ion Ratio Lower Upper  
142 100  
141 89.0 71.6 107.4  
115 46.6 25.4 38.2#

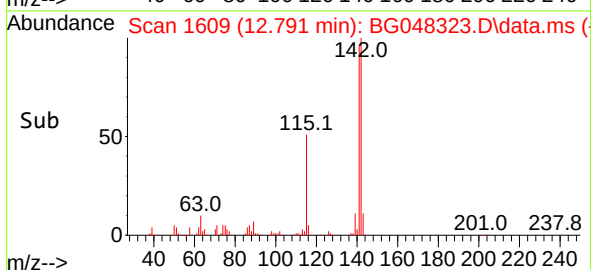
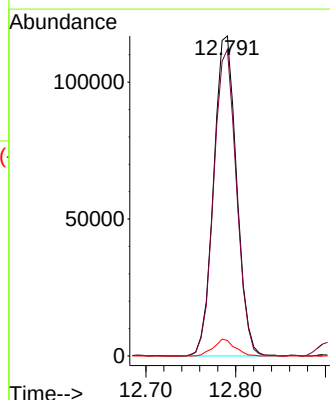
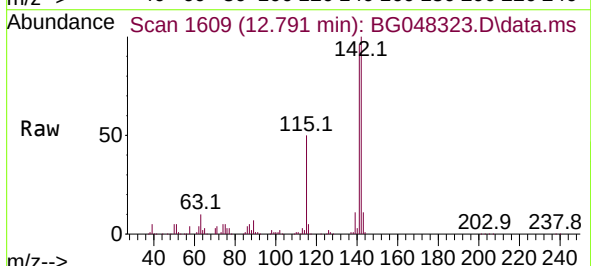
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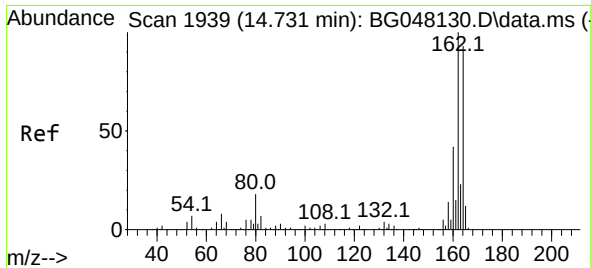
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#38  
1-Methylnaphthalene  
Concen: 37.98 ng  
RT: 12.791 min Scan# 1609  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

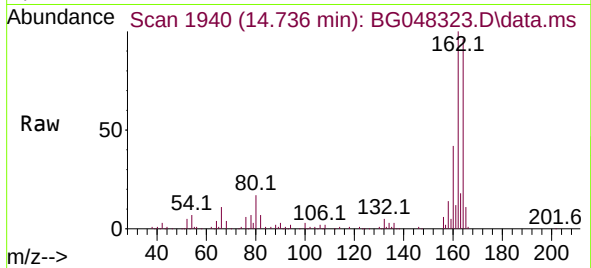
Tgt Ion:142 Resp: 207007  
Ion Ratio Lower Upper  
142 100  
141 95.8 75.4 113.2  
116 4.9 2.9 4.3#





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.736 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

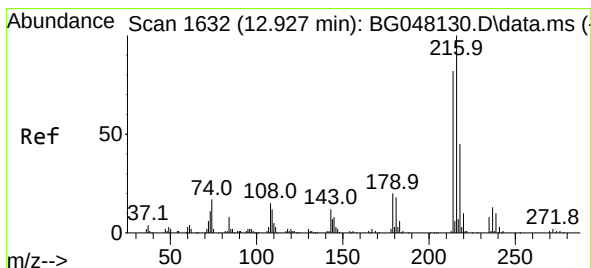
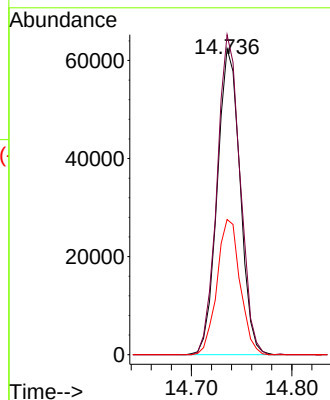
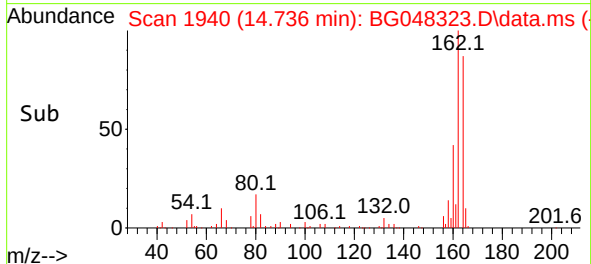
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



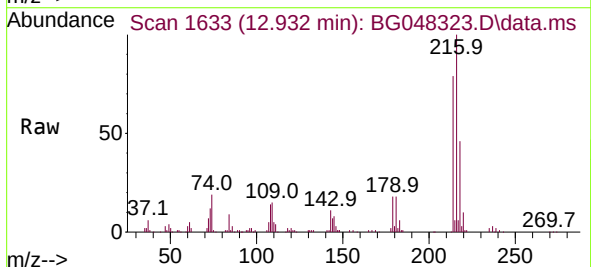
Tgt Ion:164 Resp: 98267  
Ion Ratio Lower Upper  
164 100  
162 104.6 82.3 123.5  
160 44.2 35.3 52.9

Manual Integrations  
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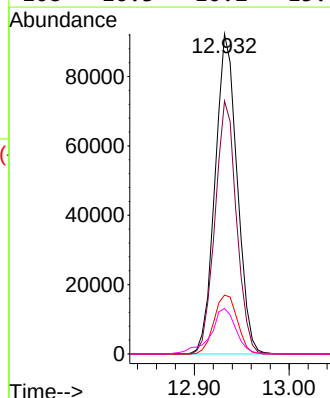
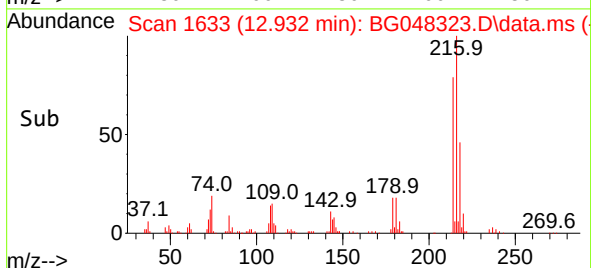
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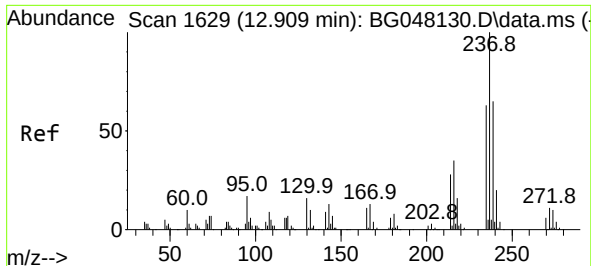


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.47 ng  
RT: 12.932 min Scan# 1633  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

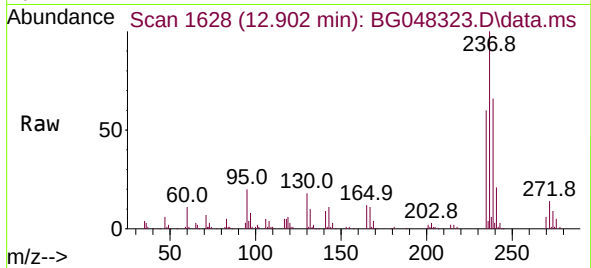


Tgt Ion:216 Resp: 149069  
Ion Ratio Lower Upper  
216 100  
214 76.9 61.9 92.9  
179 19.5 14.8 22.2  
108 16.3 10.2 15.4#





#41  
Hexachlorocyclopentadiene  
Concen: 40.13 ng  
RT: 12.902 min Scan# 1628  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

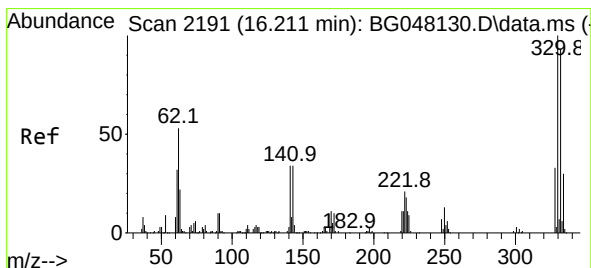
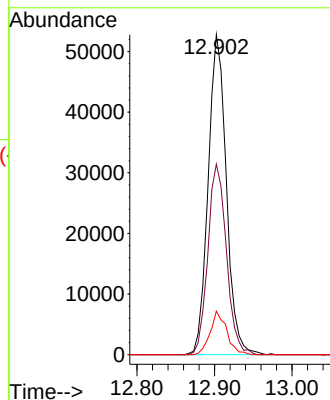
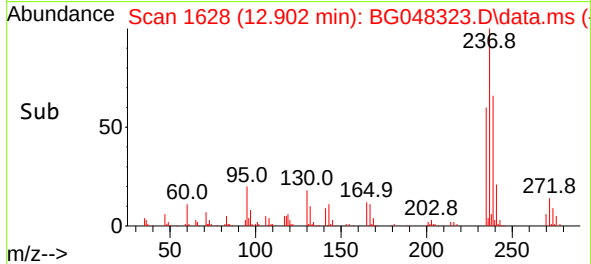


Tgt Ion:237 Resp: 85900  
Ion Ratio Lower Upper  
237 100  
235 59.6 43.1 83.1  
272 13.6 0.0 33.1

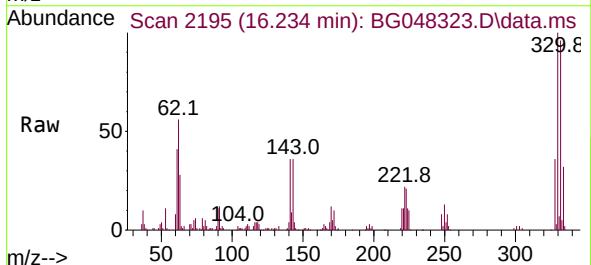
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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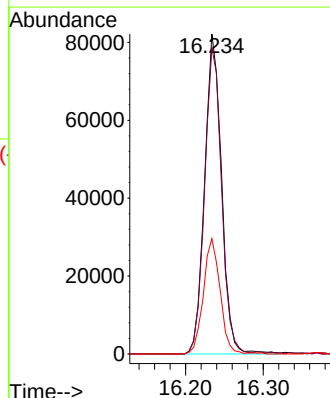
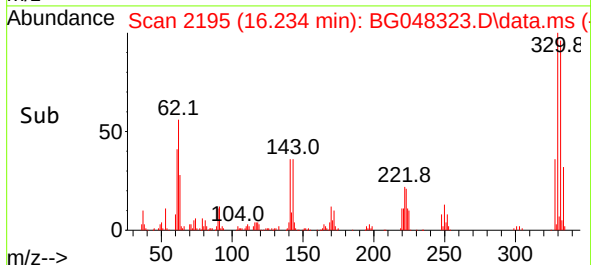
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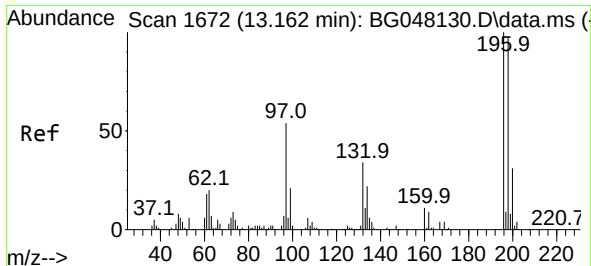
#42  
2,4,6-Tribromophenol  
Concen: 79.41 ng  
RT: 16.234 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



Tgt Ion:330 Resp: 124813  
Ion Ratio Lower Upper  
330 100  
332 95.7 76.5 114.7  
141 35.3 26.0 39.0

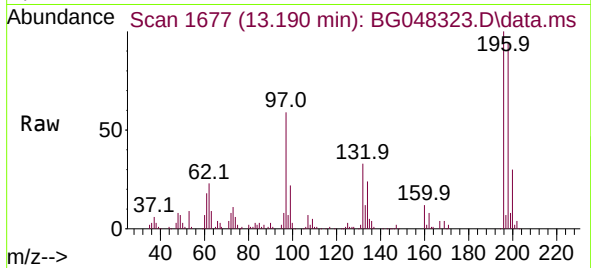






#43  
2,4,6-Trichlorophenol  
Concen: 39.85 ng  
RT: 13.190 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

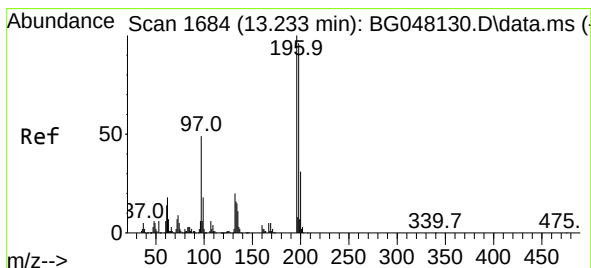
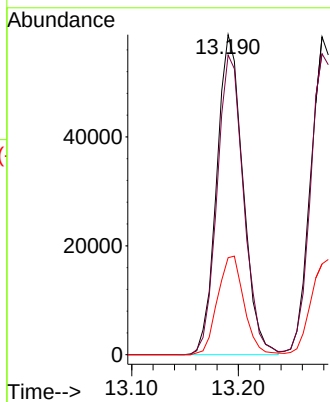
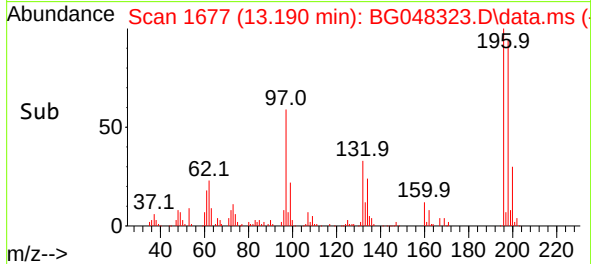
Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040



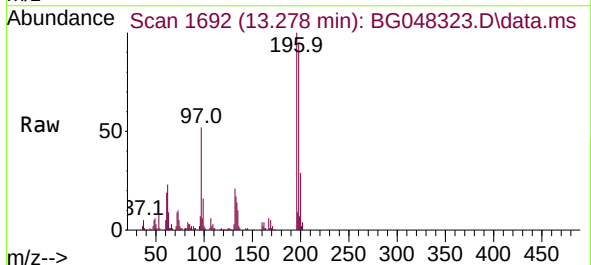
Tgt Ion:196 Resp: 100503  
Ion Ratio Lower Upper  
196 100  
198 93.6 74.9 112.3  
200 30.3 25.3 37.9

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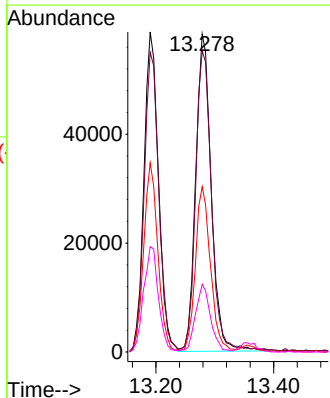
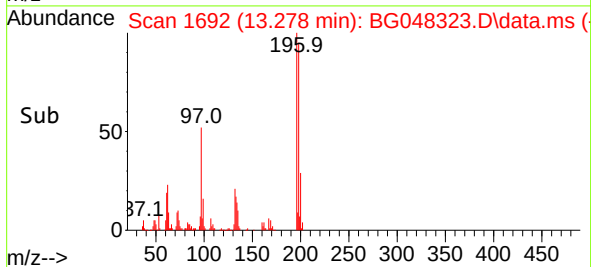
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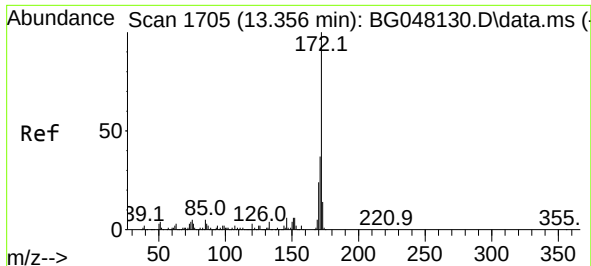


#44  
2,4,5-Trichlorophenol  
Concen: 39.39 ng  
RT: 13.278 min Scan# 1692  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



Tgt Ion:196 Resp: 107141  
Ion Ratio Lower Upper  
196 100  
198 94.7 77.6 116.4  
97 52.0 28.6 43.0#  
132 21.3 17.8 26.8





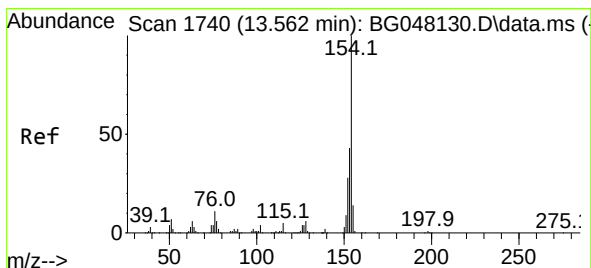
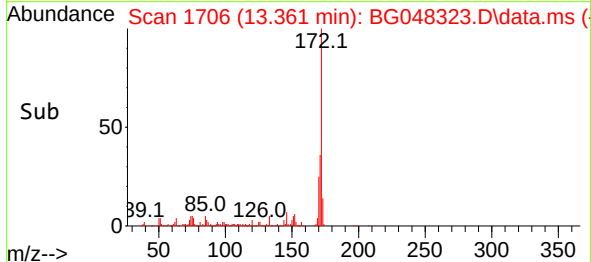
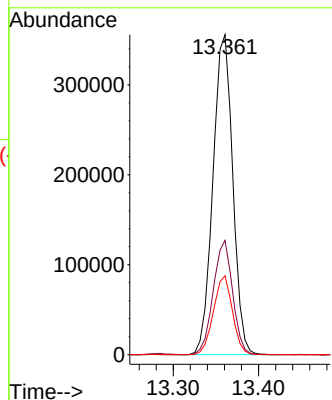
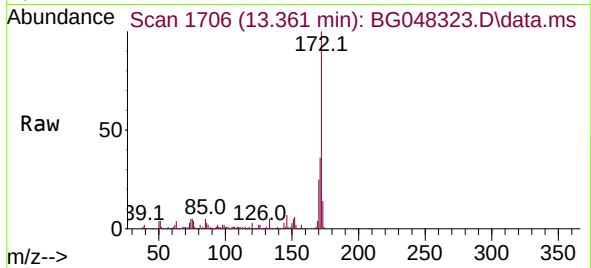
#45  
2-Fluorobiphenyl  
Concen: 81.84 ng  
RT: 13.361 min Scan# 1706  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:172 Resp: 573624  
Ion Ratio Lower Upper  
172 100  
171 35.7 31.3 46.9  
170 24.6 20.8 31.2

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

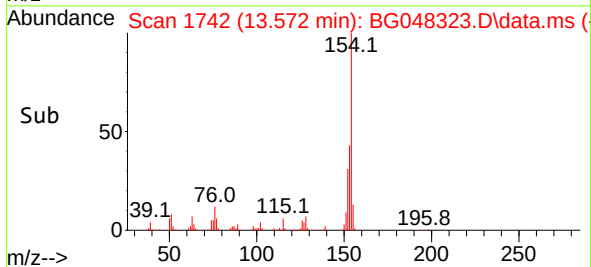
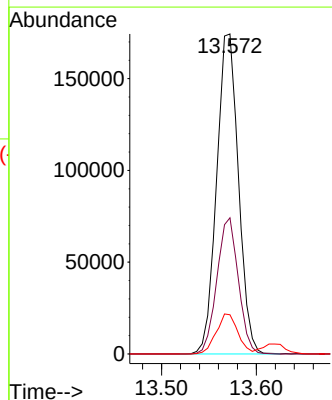
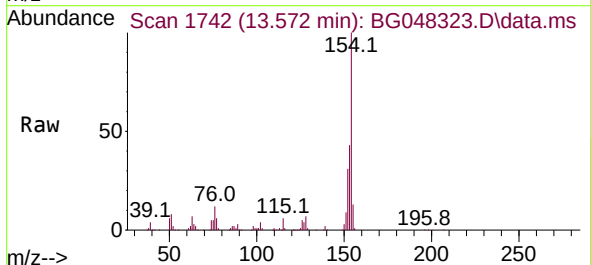
Manual Integrations  
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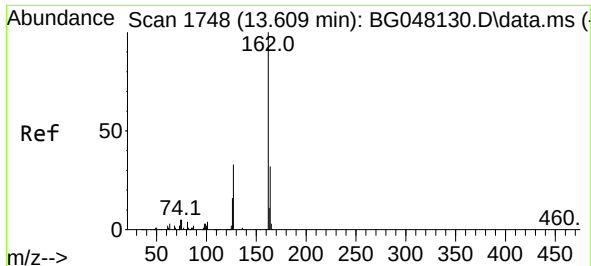
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#46  
1,1'-Biphenyl  
Concen: 39.63 ng  
RT: 13.572 min Scan# 1742  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

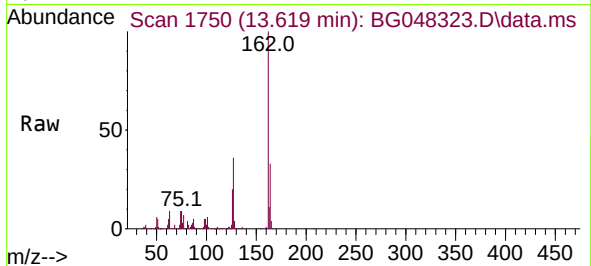
Tgt Ion:154 Resp: 278978  
Ion Ratio Lower Upper  
154 100  
153 42.5 22.6 62.6  
76 12.3 0.0 32.6





#47  
2-Chloronaphthalene  
Concen: 40.24 ng  
RT: 13.619 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

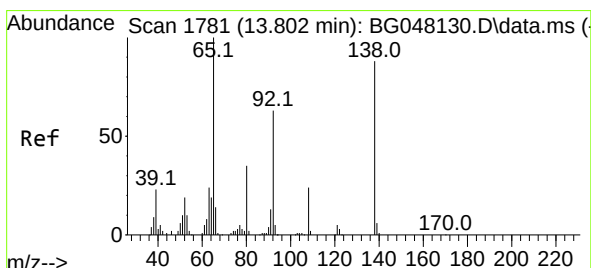
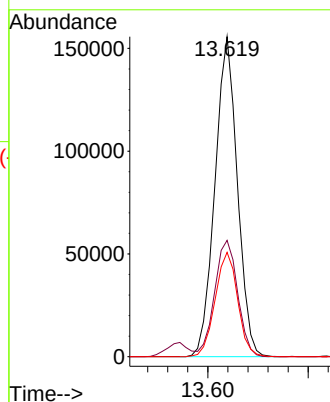
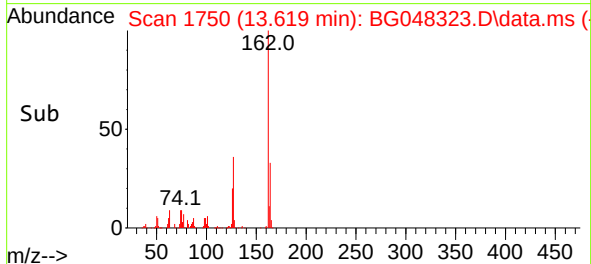
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



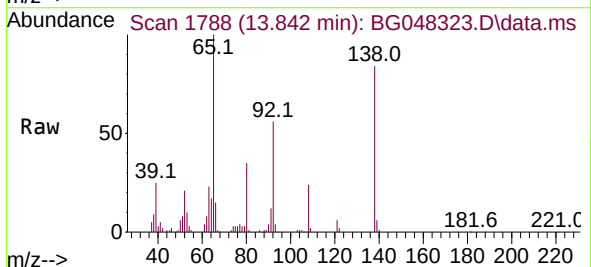
Tgt Ion:162 Resp: 241066  
Ion Ratio Lower Upper  
162 100  
127 36.4 27.8 41.6  
164 32.6 27.0 40.4

Manual Integrations  
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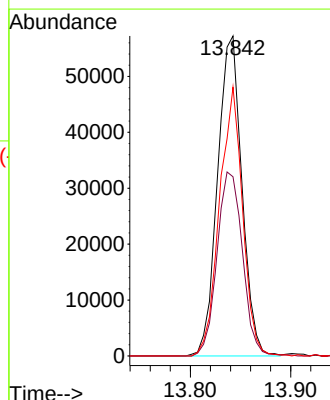
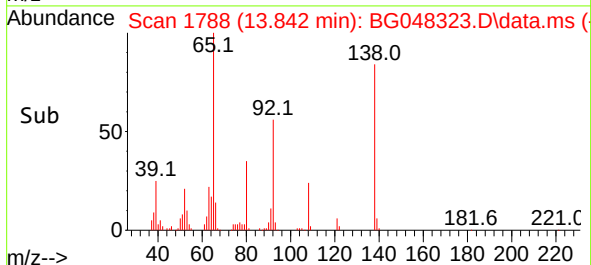
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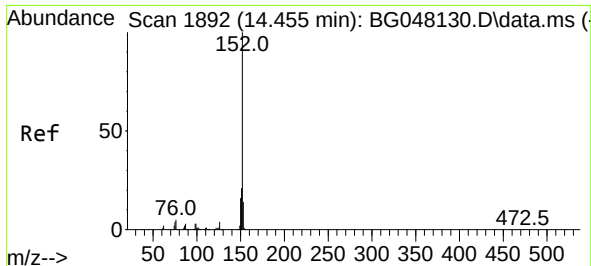


#48  
2-Nitroaniline  
Concen: 44.79 ng  
RT: 13.842 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



Tgt Ion: 65 Resp: 96316  
Ion Ratio Lower Upper  
65 100  
92 56.0 58.6 88.0#  
138 84.0 98.2 147.4#





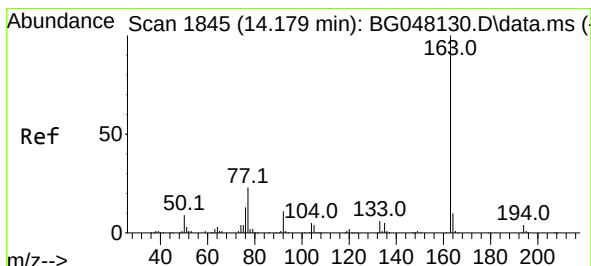
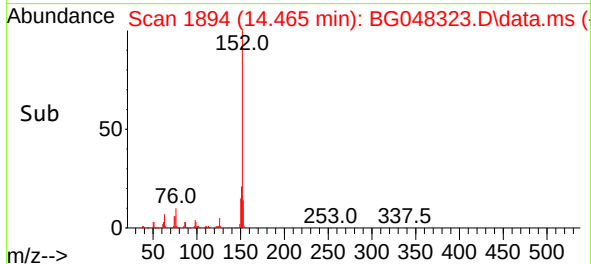
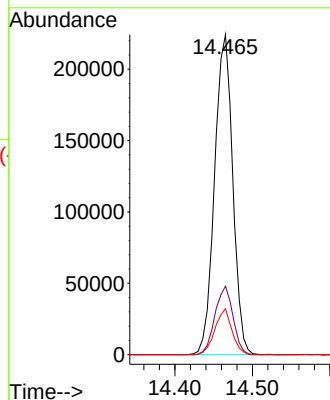
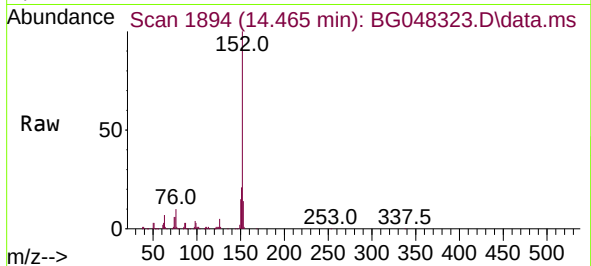
#49  
Acenaphthylene  
Concen: 39.43 ng  
RT: 14.465 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 365388 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.4  | 17.4  | 26.0   |
| 153       | 14.3  | 11.5  | 17.3   |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

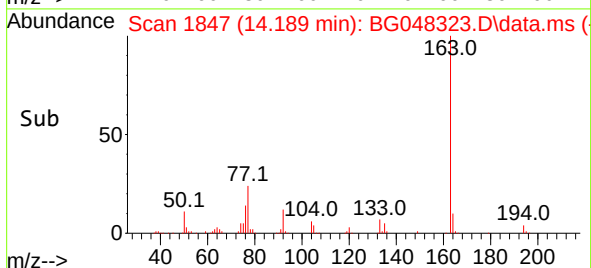
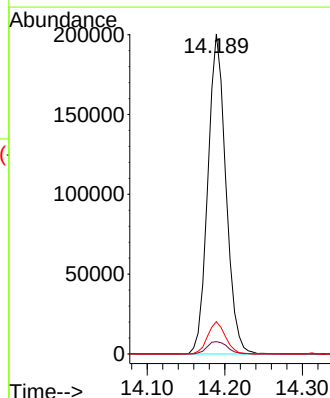
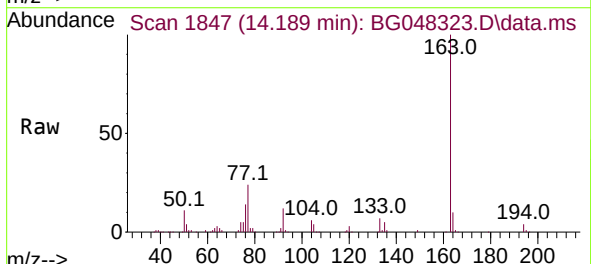
Manual Integrations  
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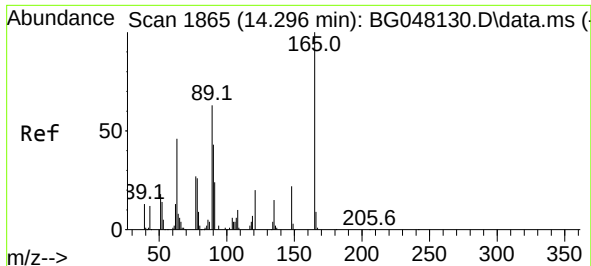
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#50  
Dimethylphthalate  
Concen: 39.27 ng  
RT: 14.189 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 322650 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.9   | 3.8   | 5.8    |
| 164       | 10.1  | 8.8   | 13.2   |





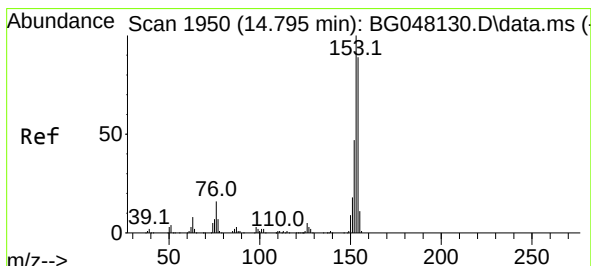
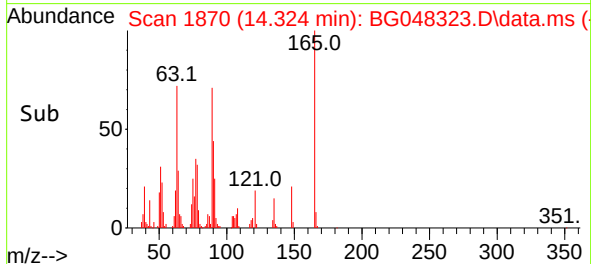
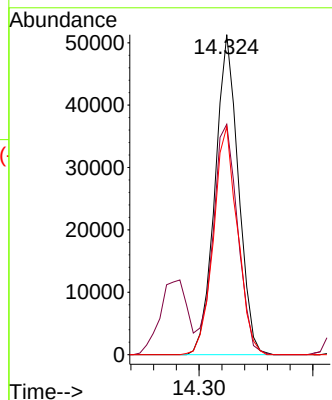
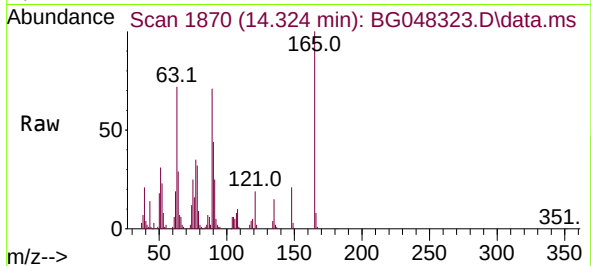
#51  
2,6-Dinitrotoluene  
Concen: 39.50 ng  
RT: 14.324 min Scan# 1870  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:165 Resp: 72942  
Ion Ratio Lower Upper  
165 100  
63 72.0 33.7 50.5#  
89 71.3 36.6 54.8#

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

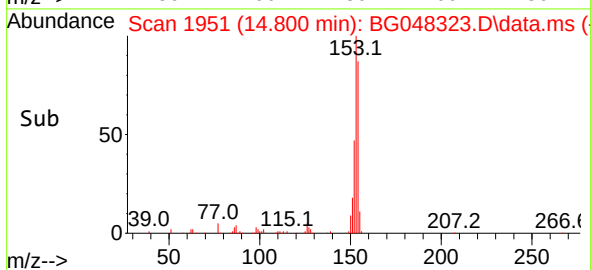
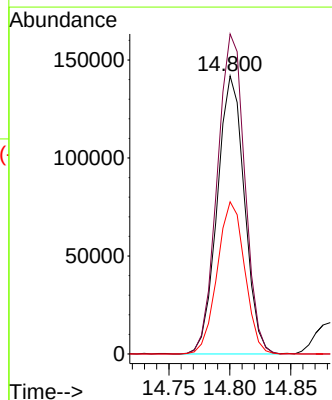
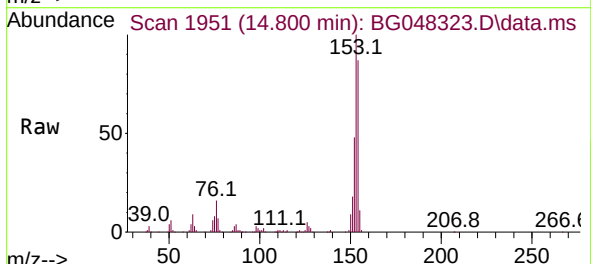
Manual Integrations  
APPROVED

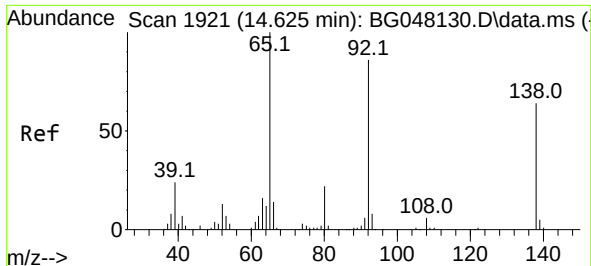
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#52  
Acenaphthene  
Concen: 35.15 ng  
RT: 14.800 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:154 Resp: 220560  
Ion Ratio Lower Upper  
154 100  
153 115.1 90.3 135.5  
152 54.7 43.8 65.8





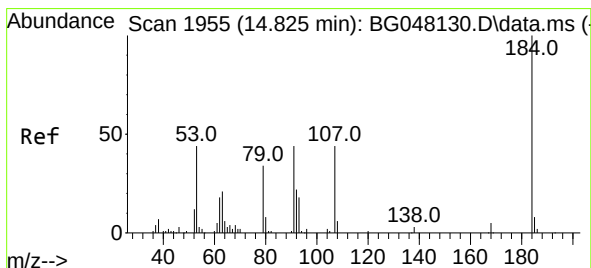
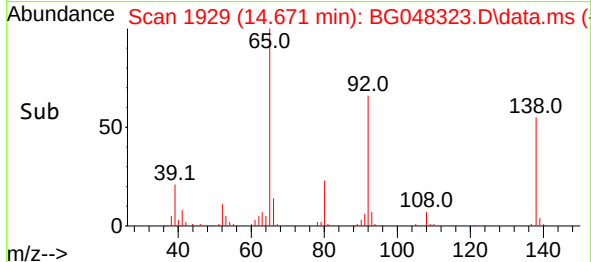
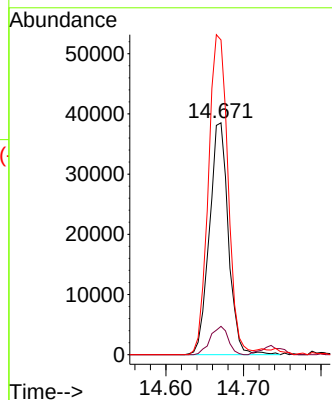
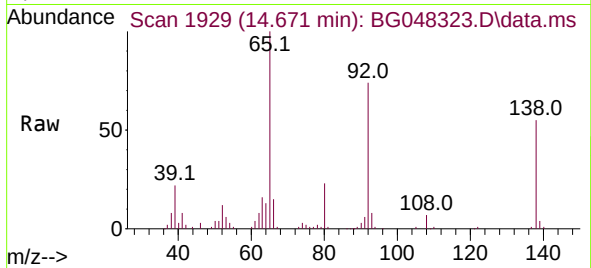
#53  
3-Nitroaniline  
Concen: 36.10 ng  
RT: 14.671 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:138 Resp: 65475  
Ion Ratio Lower Upper  
138 100  
108 12.2 7.4 11.0#  
92 135.8 85.2 127.8#

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

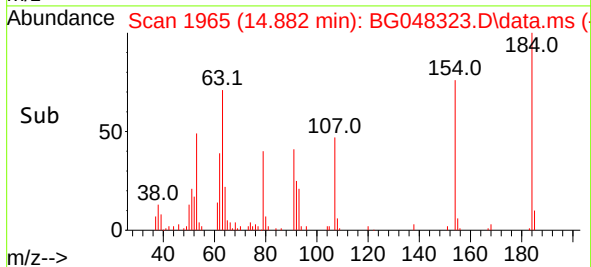
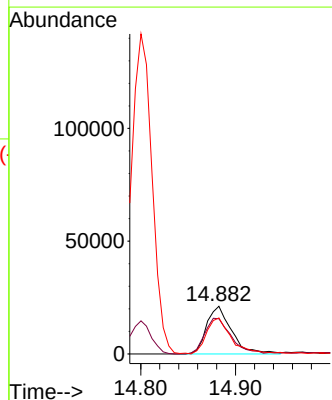
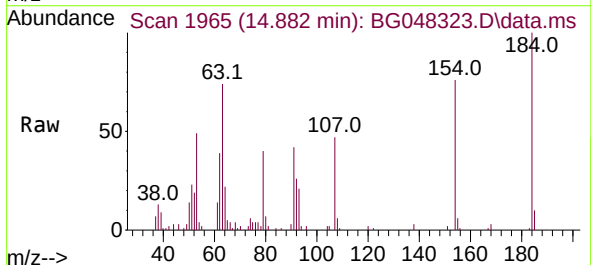
Manual Integrations  
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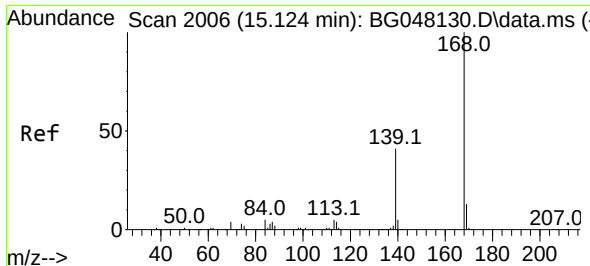
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#54  
2,4-Dinitrophenol  
Concen: 32.22 ng  
RT: 14.882 min Scan# 1965  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

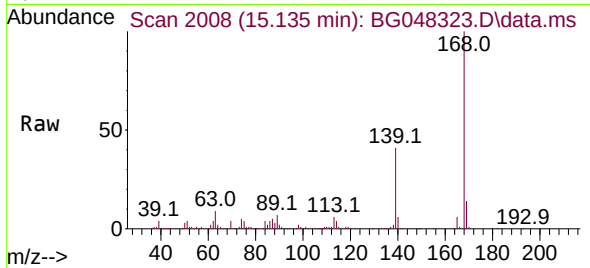
Tgt Ion:184 Resp: 38727  
Ion Ratio Lower Upper  
184 100  
63 73.7 32.3 48.5#  
154 75.6 40.4 60.6#





#55  
Dibenzofuran  
Concen: 39.68 ng  
RT: 15.135 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

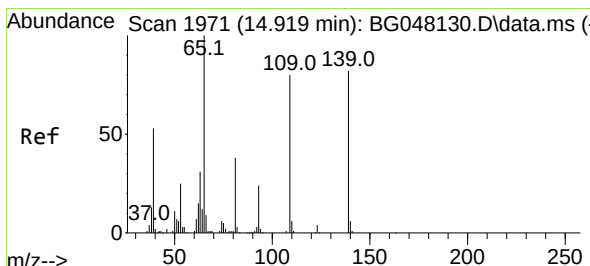
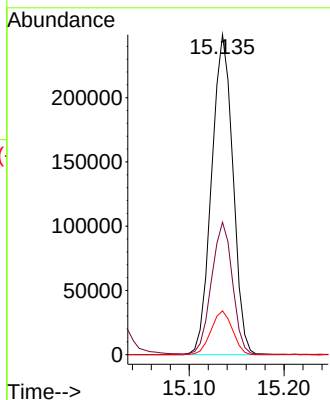
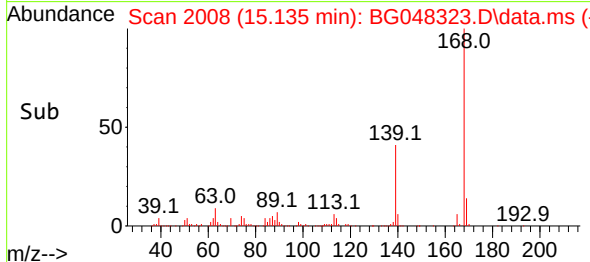
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



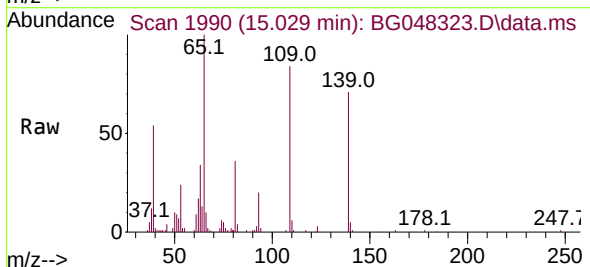
Tgt Ion:168 Resp: 389325  
Ion Ratio Lower Upper  
168 100  
139 41.4 28.6 43.0  
169 13.7 11.0 16.6

Manual Integrations  
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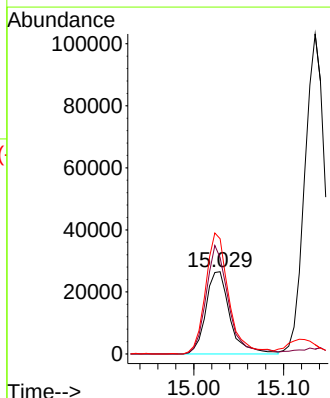
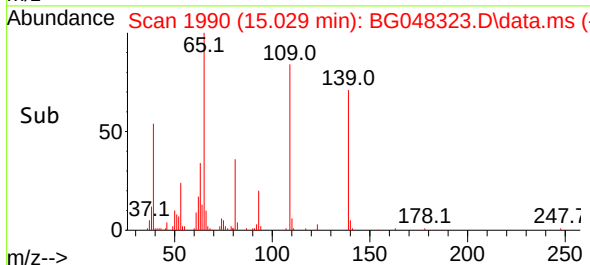
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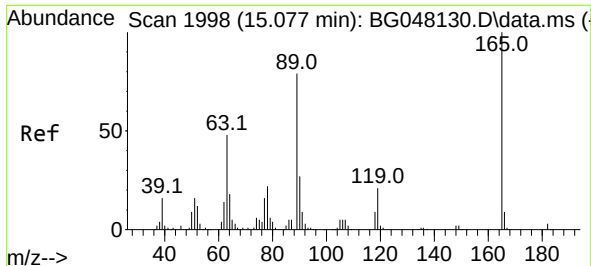


#56  
4-Nitrophenol  
Concen: 33.27 ng  
RT: 15.029 min Scan# 1990  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



Tgt Ion:139 Resp: 49454  
Ion Ratio Lower Upper  
139 100  
109 117.0 45.9 85.9#  
65 140.0 65.4 105.4#





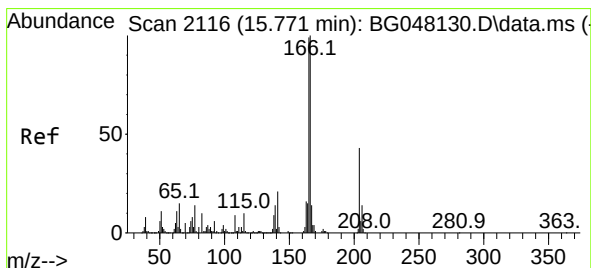
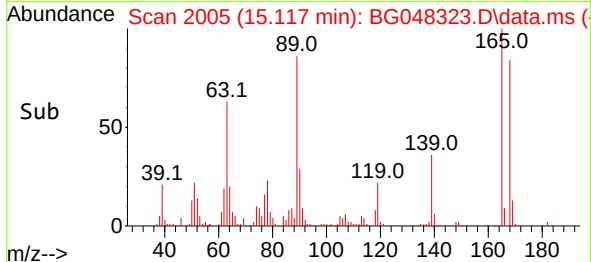
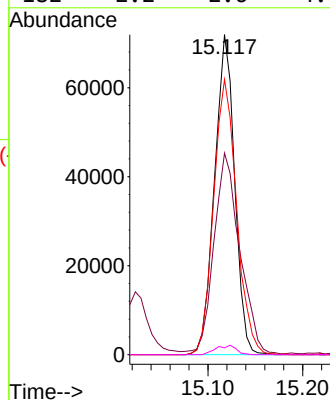
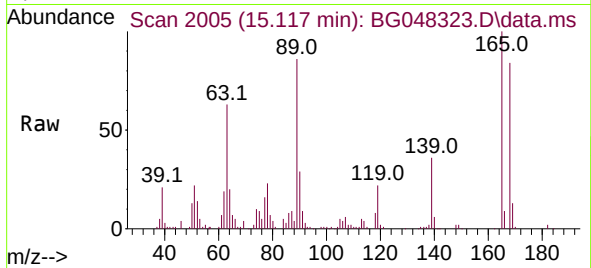
#57  
2,4-Dinitrotoluene  
Concen: 39.73 ng  
RT: 15.117 min Scan# 2005  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
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Tgt Ion:165 Resp: 105969  
Ion Ratio Lower Upper  
165 100  
63 63.0 26.4 39.6#  
89 86.0 47.8 71.8#  
182 2.2 2.6 4.0#

Instrument :  
BNA\_G  
ClientSampled :  
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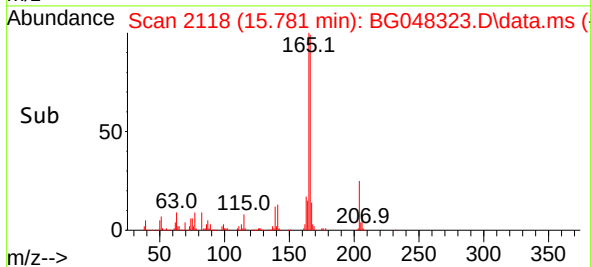
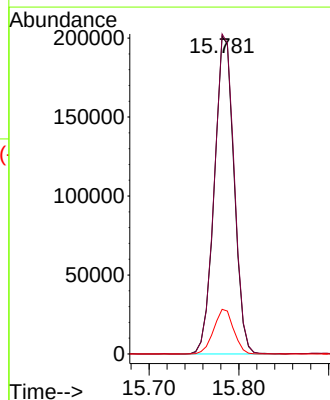
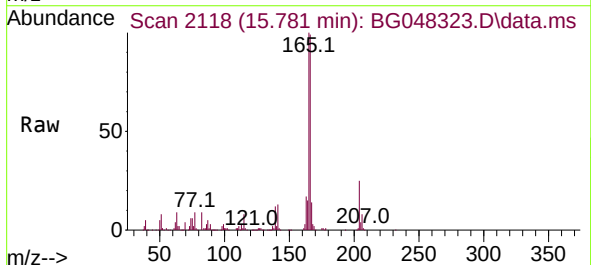
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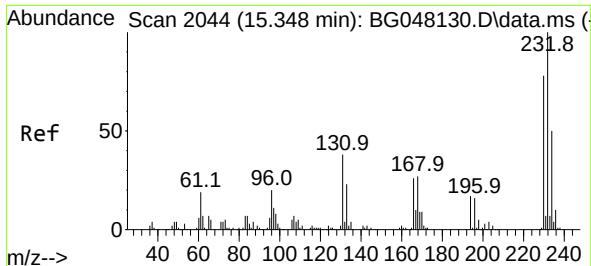


#58  
Fluorene  
Concen: 39.27 ng  
RT: 15.781 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

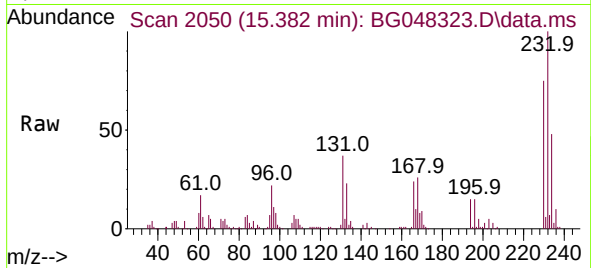
Tgt Ion:166 Resp: 305621  
Ion Ratio Lower Upper  
166 100  
165 100.7 77.2 115.8  
167 14.0 11.4 17.2



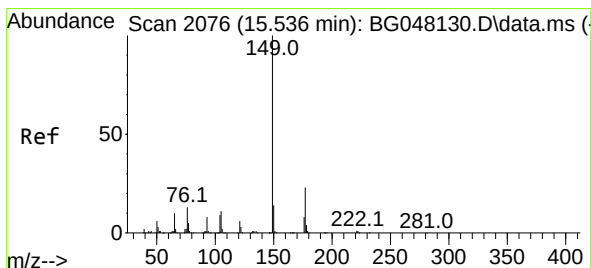
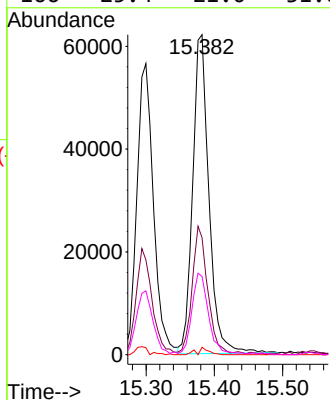
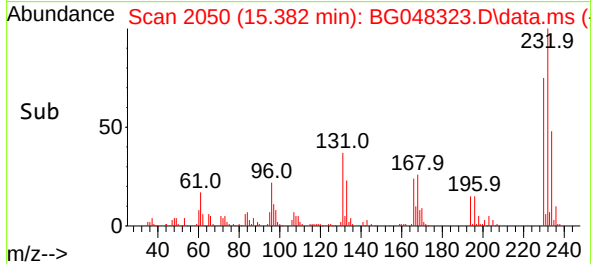




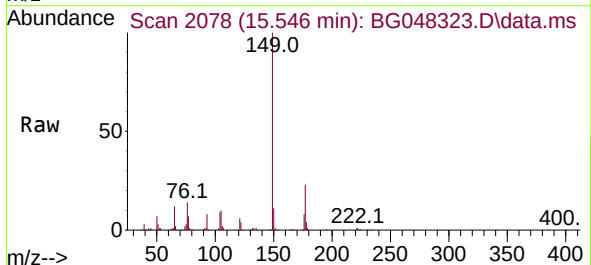
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.62 ng  
RT: 15.382 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



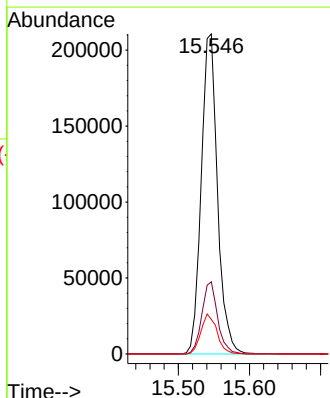
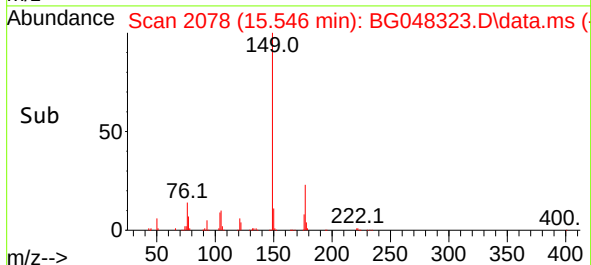
Tgt Ion:232 Resp: 102505  
Ion Ratio Lower Upper  
232 100  
131 37.1 26.6 40.0  
130 1.6 1.4 2.0  
166 25.4 21.0 31.6



#60  
Diethylphthalate  
Concen: 39.92 ng  
RT: 15.546 min Scan# 2078  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



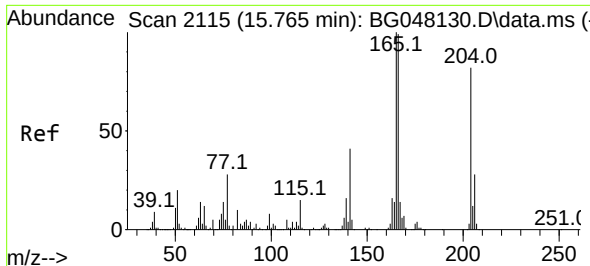
Tgt Ion:149 Resp: 335397  
Ion Ratio Lower Upper  
149 100  
177 22.6 21.4 32.2  
150 10.8 10.7 16.1



Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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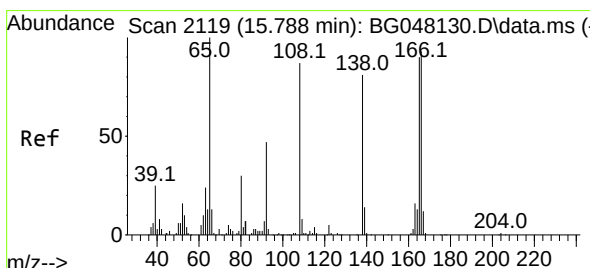
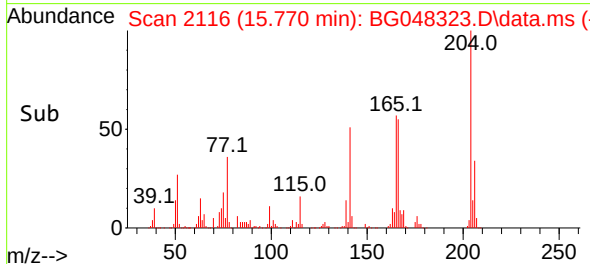
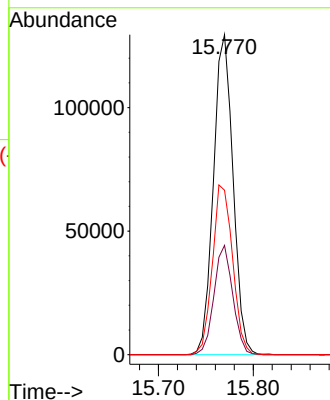
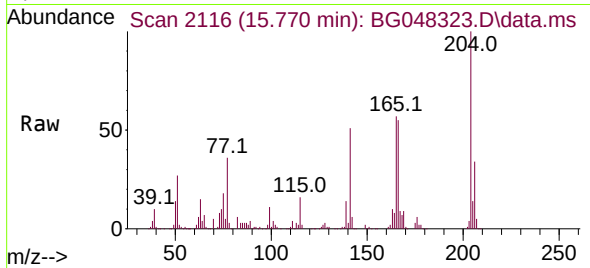
#61  
4-Chlorophenyl-phenylether  
Concen: 39.78 ng  
RT: 15.770 min Scan# 2116  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:204 Resp: 186425  
Ion Ratio Lower Upper  
204 100  
206 34.2 27.8 41.8  
141 51.4 41.5 62.3

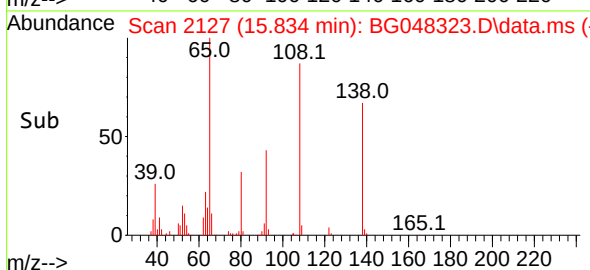
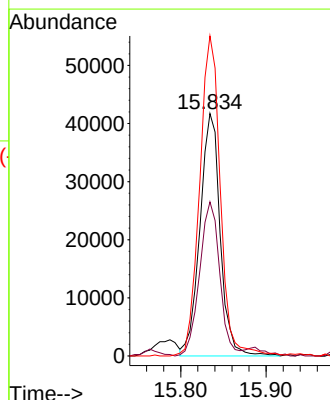
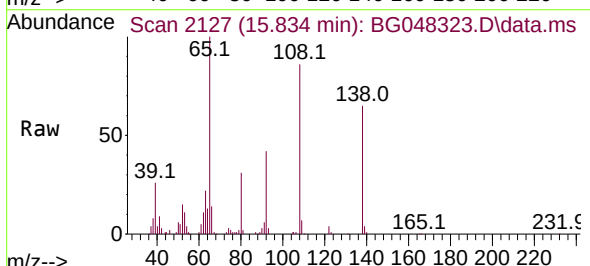
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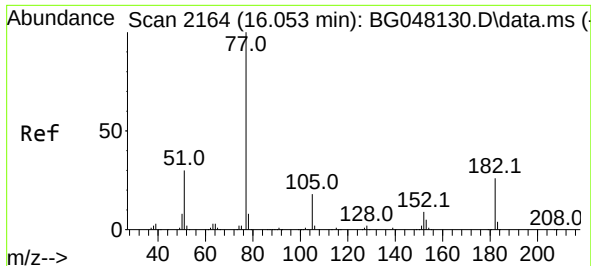
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#62  
4-Nitroaniline  
Concen: 36.52 ng  
RT: 15.834 min Scan# 2127  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

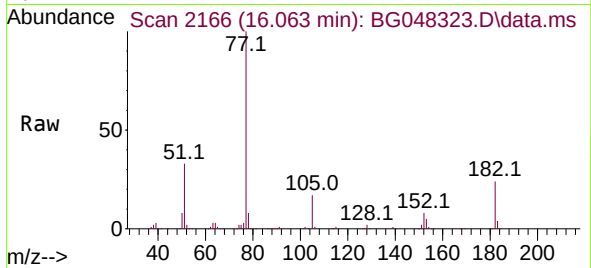
Tgt Ion:138 Resp: 68872  
Ion Ratio Lower Upper  
138 100  
92 63.5 26.9 66.9  
108 132.0 49.4 89.4#





#63  
Azobenzene  
Concen: 41.74 ng  
RT: 16.063 min Scan# 2166  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

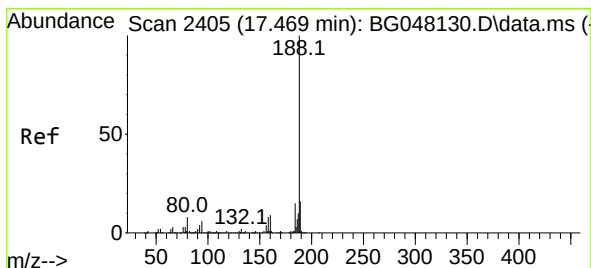
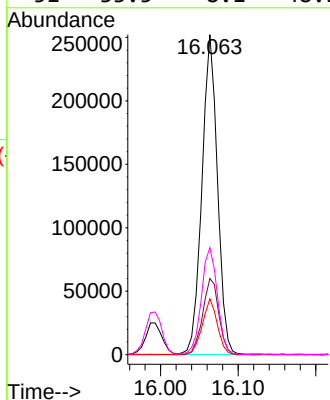
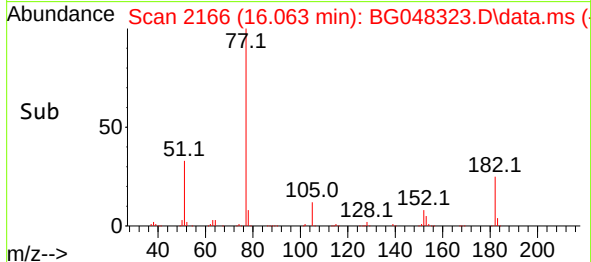
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



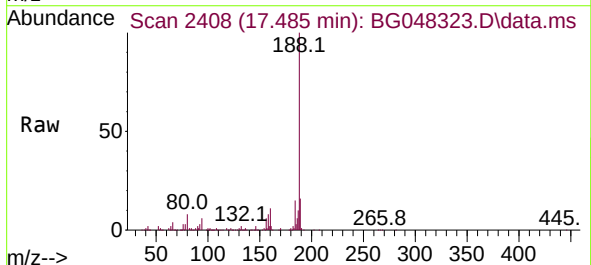
Tgt Ion: 77 Resp: 349958  
Ion Ratio Lower Upper  
77 100  
182 23.8 14.0 54.0  
105 17.5 3.0 43.0  
51 33.5 8.1 48.1

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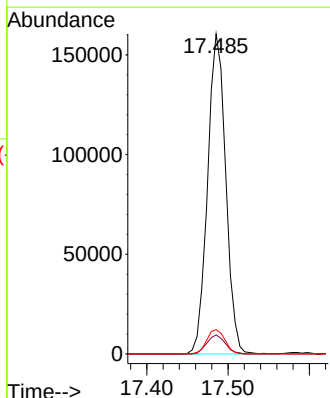
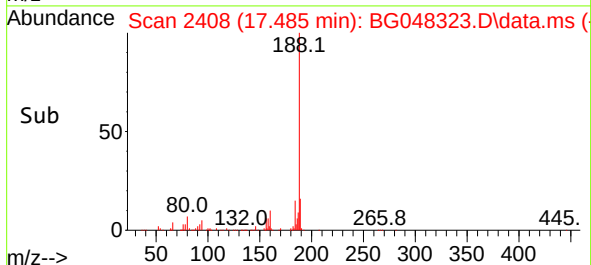
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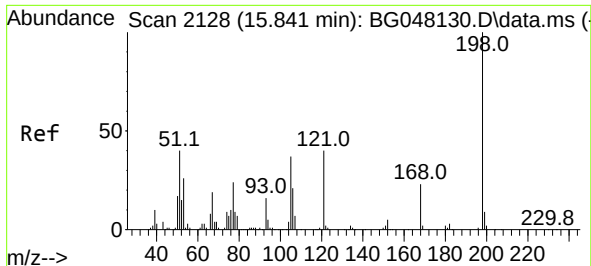


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.485 min Scan# 2408  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



Tgt Ion: 188 Resp: 248860  
Ion Ratio Lower Upper  
188 100  
94 6.0 6.3 9.5#  
80 7.6 7.0 10.6





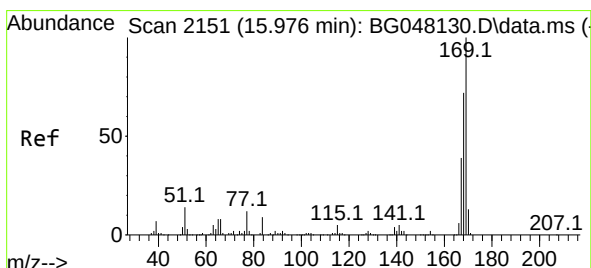
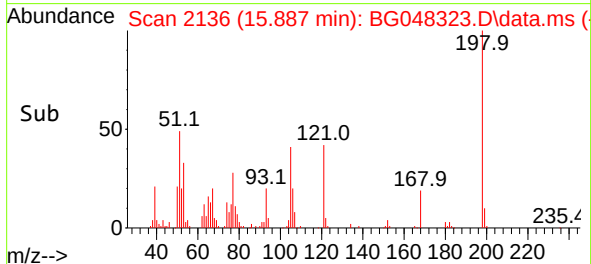
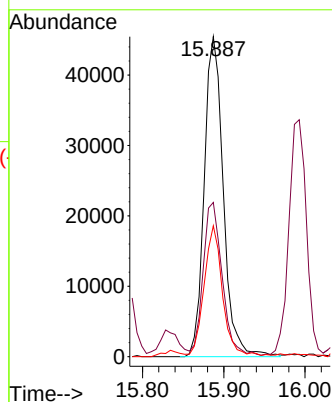
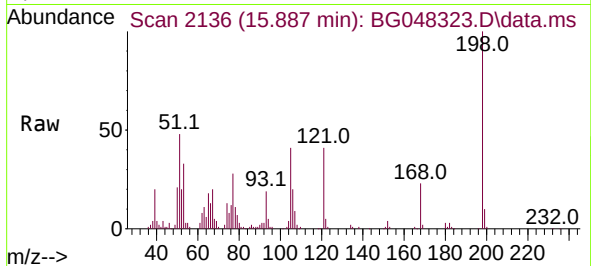
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.04 ng  
RT: 15.887 min Scan# 2136  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 48.2  | 10.4  | 50.4  |
| 105     | 40.9  | 12.9  | 52.9  |

Instrument :  
BNA\_G  
ClientSampled :  
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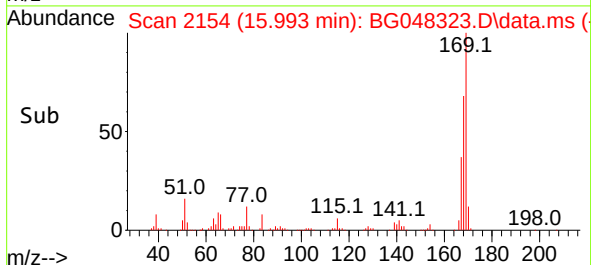
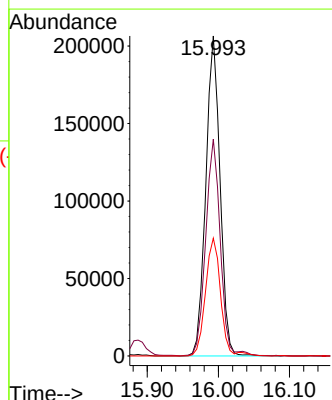
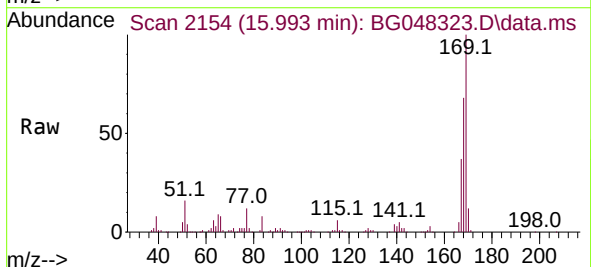
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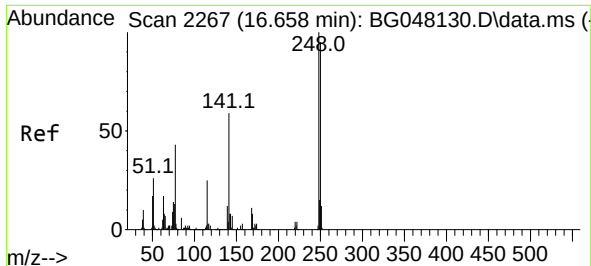
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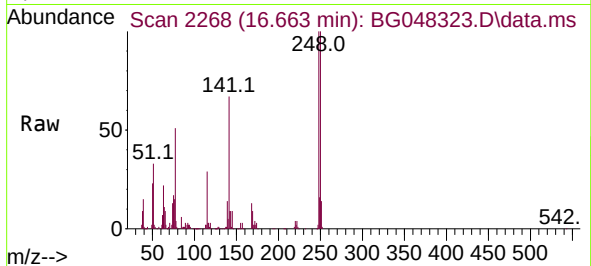
#66  
n-Nitrosodiphenylamine  
Concen: 40.02 ng  
RT: 15.993 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.8  | 55.5  | 83.3  |
| 167     | 36.8  | 30.5  | 45.7  |

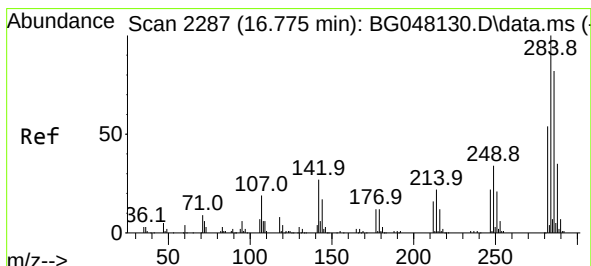
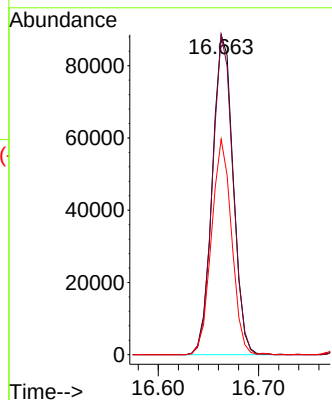
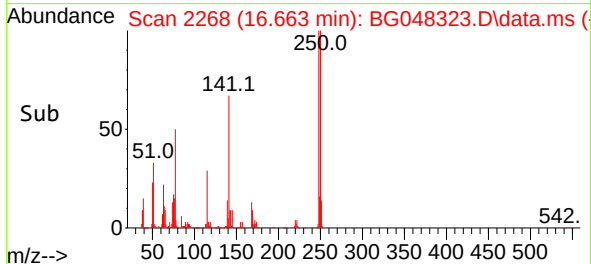




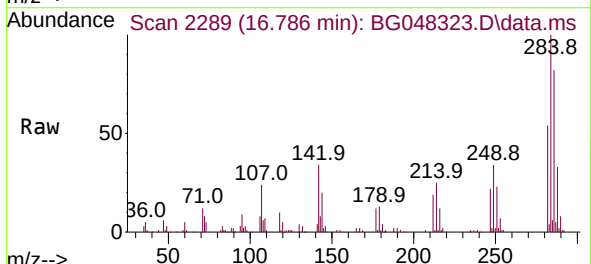
#67  
4-Bromophenyl-phenylether  
Concen: 39.92 ng  
RT: 16.663 min Scan# 2268  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



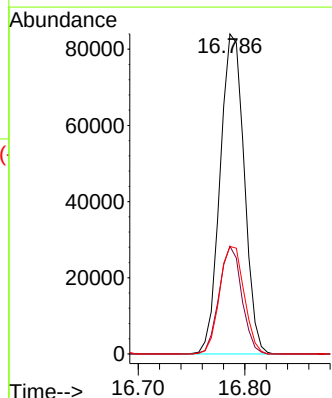
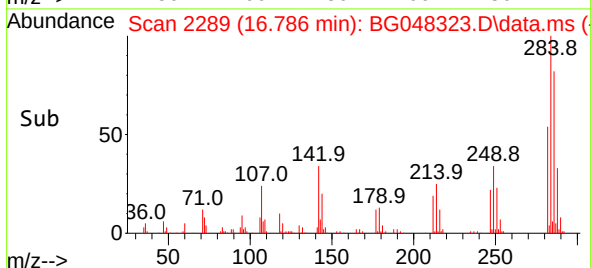
Tgt Ion:248 Resp: 127373  
Ion Ratio Lower Upper  
248 100  
250 99.9 78.9 118.3  
141 67.3 46.2 69.4



#68  
Hexachlorobenzene  
Concen: 39.98 ng  
RT: 16.786 min Scan# 2289  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



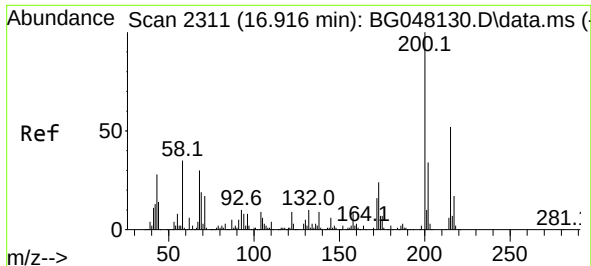
Tgt Ion:284 Resp: 131592  
Ion Ratio Lower Upper  
284 100  
142 33.7 21.1 31.7#  
249 33.6 25.9 38.9



Instrument :  
BNA\_G  
ClientSampleId :  
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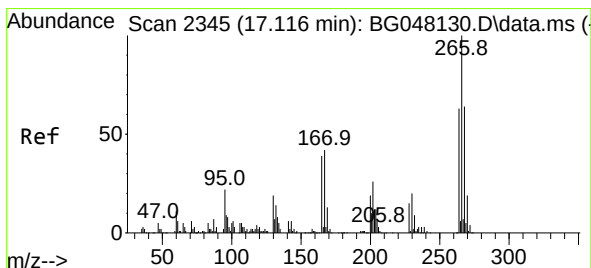
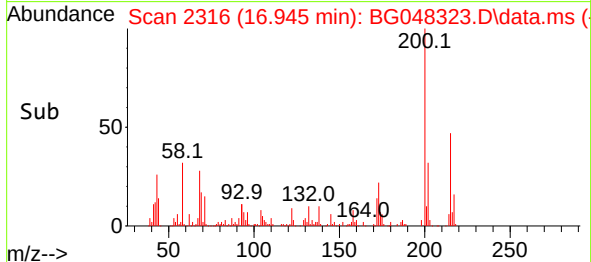
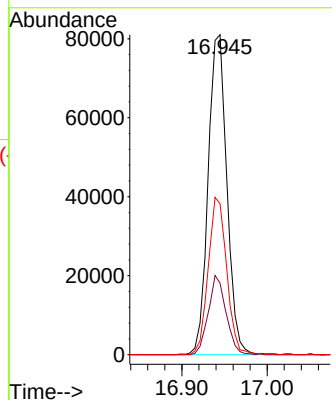
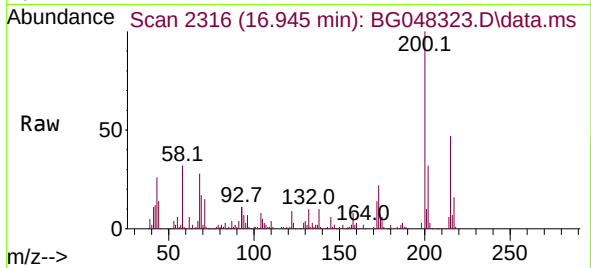
#69  
Atrazine  
Concen: 41.30 ng  
RT: 16.945 min Scan# 2316  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:200 Resp: 123602  
Ion Ratio Lower Upper  
200 100  
173 22.3 4.2 44.2  
215 47.2 30.0 70.0

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

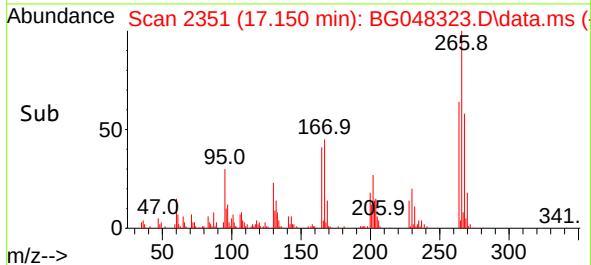
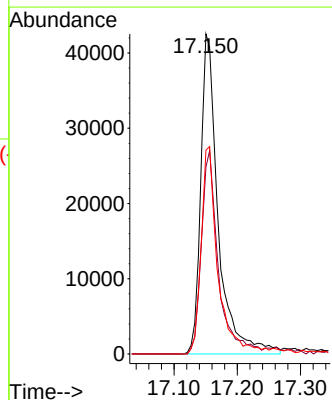
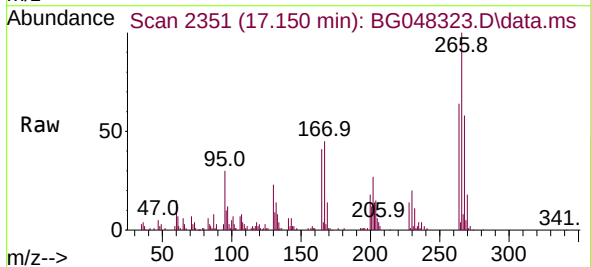
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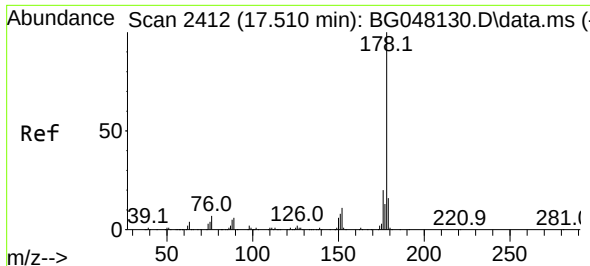
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#70  
Pentachlorophenol  
Concen: 37.68 ng  
RT: 17.150 min Scan# 2351  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:266 Resp: 81574  
Ion Ratio Lower Upper  
266 100  
268 58.5 49.8 74.6  
264 63.7 49.3 73.9





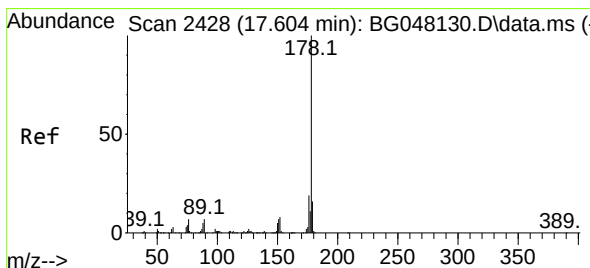
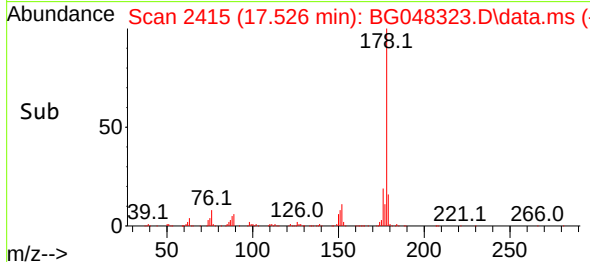
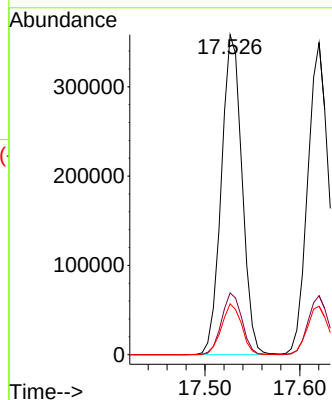
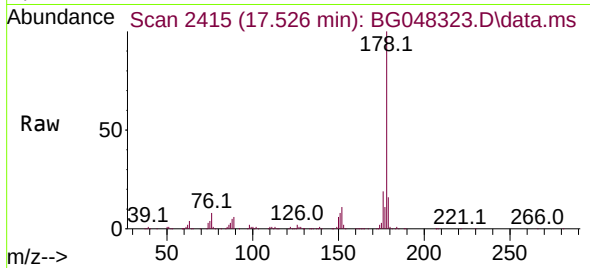
#71  
Phenanthrene  
Concen: 40.19 ng  
RT: 17.526 min Scan# 2415  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:178 Resp: 543071  
Ion Ratio Lower Upper  
178 100  
176 19.3 16.7 25.1  
179 15.9 14.0 21.0

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

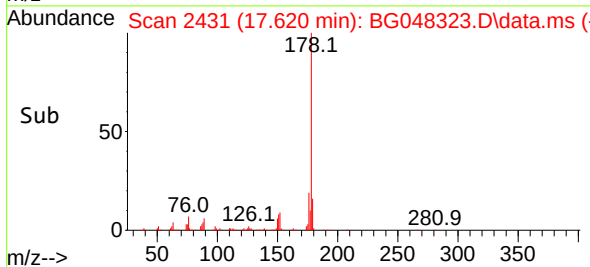
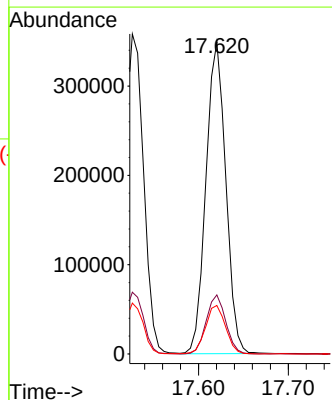
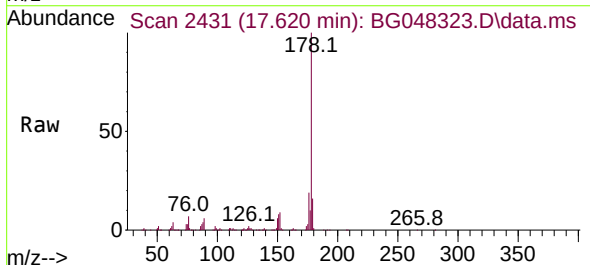
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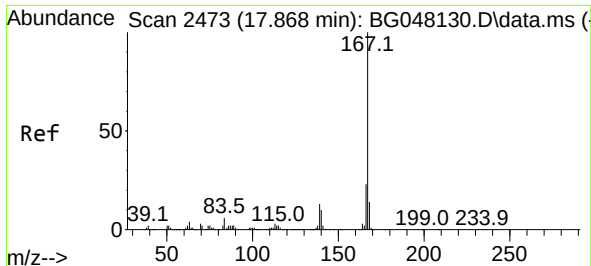
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#72  
Anthracene  
Concen: 39.93 ng  
RT: 17.620 min Scan# 2431  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:178 Resp: 535759  
Ion Ratio Lower Upper  
178 100  
176 19.0 16.4 24.6  
179 15.5 13.8 20.6





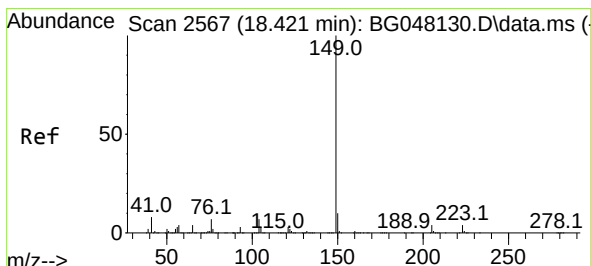
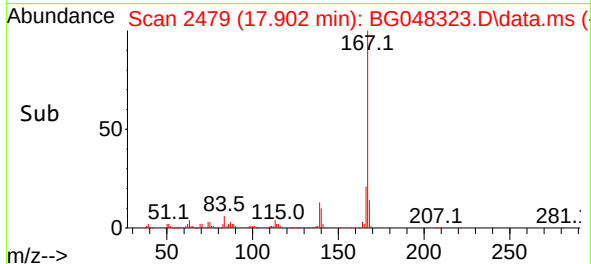
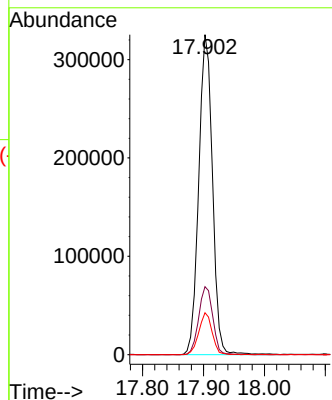
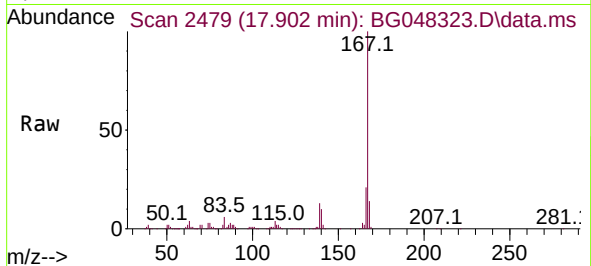
#73  
 Carbazole  
 Concen: 40.15 ng  
 RT: 17.902 min Scan# 2479  
 Delta R.T. 0.000 min  
 Lab File: BG048323.D  
 Acq: 4 Mar 2021 10:21

Tgt Ion:167 Resp: 509577  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 18.7 28.1  
 139 13.1 9.6 14.4

Instrument :  
 BNA\_G  
 ClientSampleId :  
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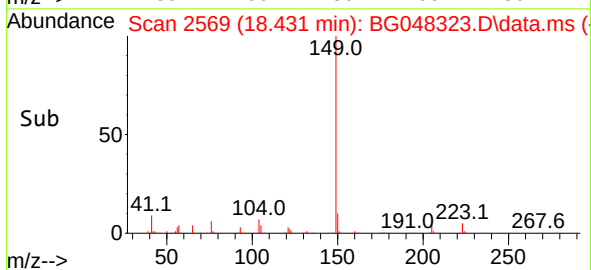
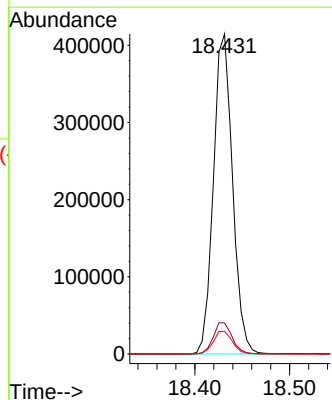
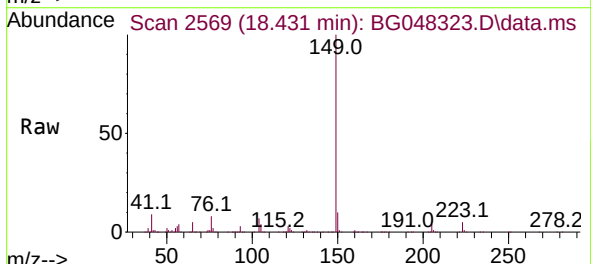
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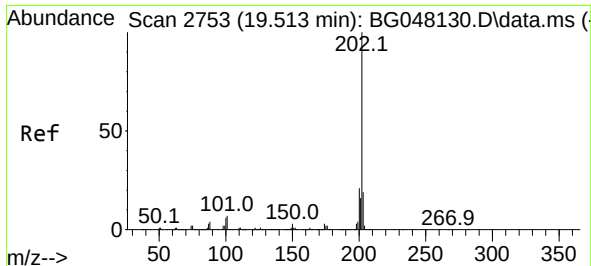


#74  
 Di-n-butylphthalate  
 Concen: 41.23 ng  
 RT: 18.431 min Scan# 2569  
 Delta R.T. 0.000 min  
 Lab File: BG048323.D  
 Acq: 4 Mar 2021 10:21

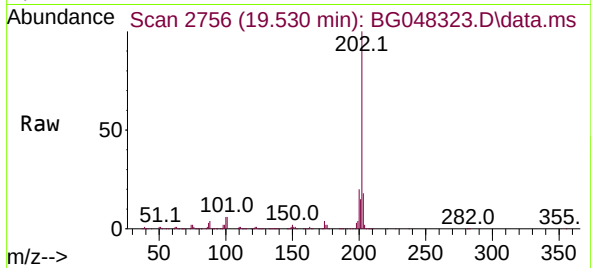
Tgt Ion:149 Resp: 579910  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 8.2 12.4  
 104 7.1 3.8 5.8#



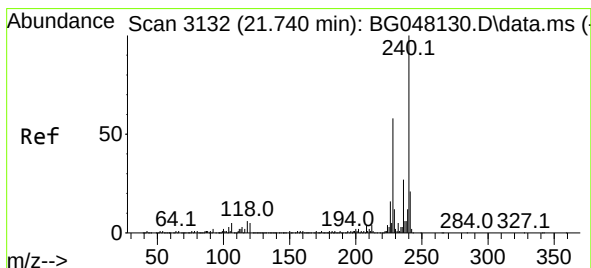
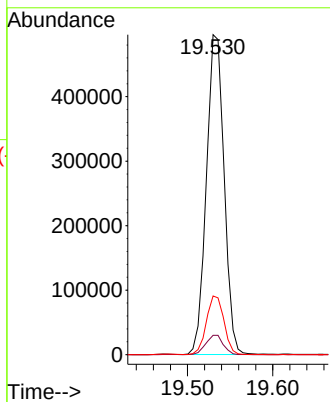
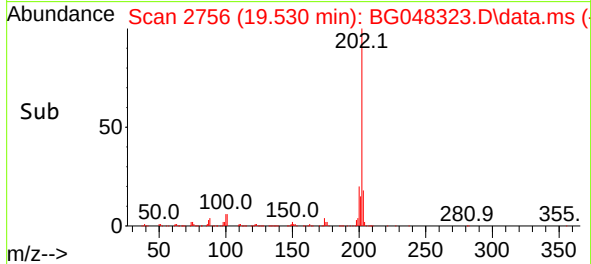




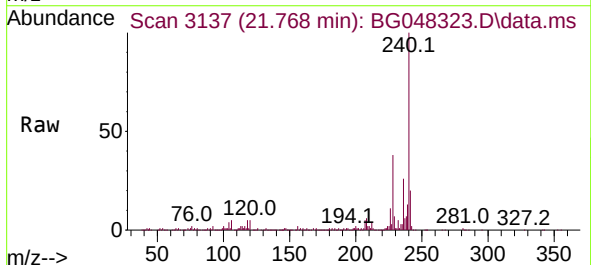
#75  
Fluoranthene  
Concen: 40.85 ng  
RT: 19.530 min Scan# 2756  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



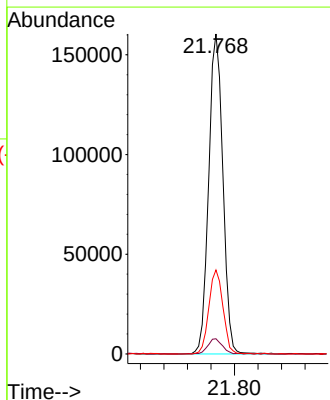
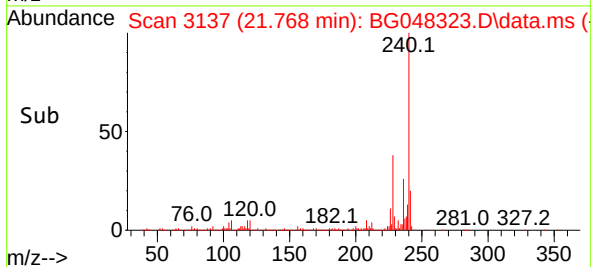
Tgt Ion:202 Resp: 718545  
Ion Ratio Lower Upper  
202 100  
101 6.0 0.0 29.7  
203 18.3 0.0 39.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.768 min Scan# 3137  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



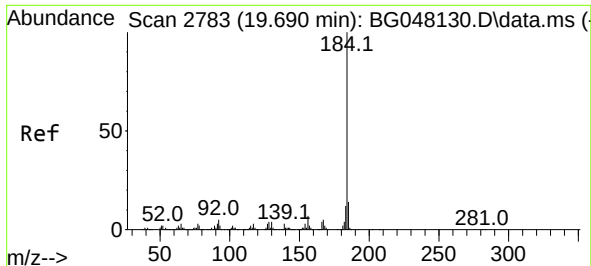
Tgt Ion:240 Resp: 268361  
Ion Ratio Lower Upper  
240 100  
120 4.8 6.2 9.4#  
236 26.2 20.5 30.7



Instrument :  
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ClientSampleId :  
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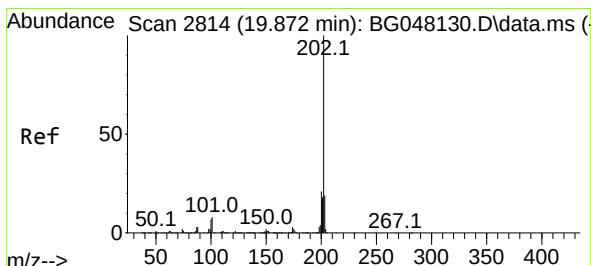
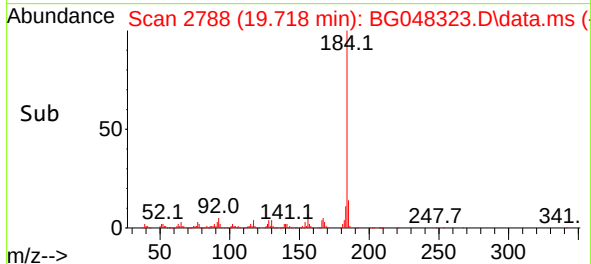
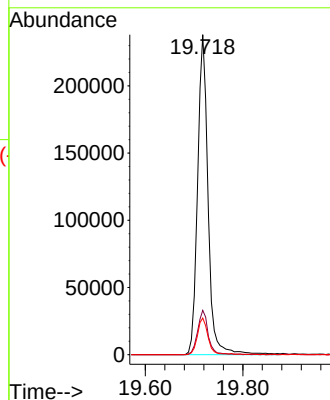
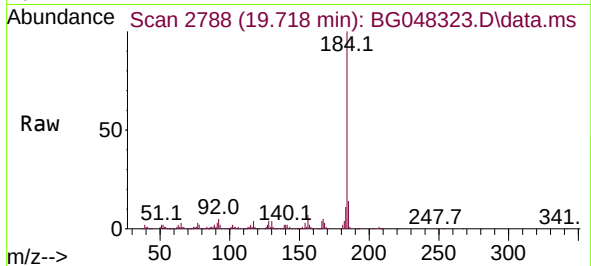
#77  
Benzidine  
Concen: 40.76 ng  
RT: 19.718 min Scan# 2788  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:184 Resp: 357427  
Ion Ratio Lower Upper  
184 100  
185 13.9 12.4 18.6  
183 11.4 10.6 15.8

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

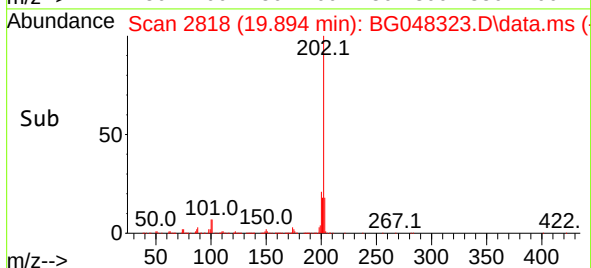
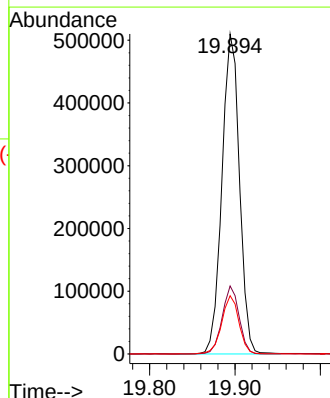
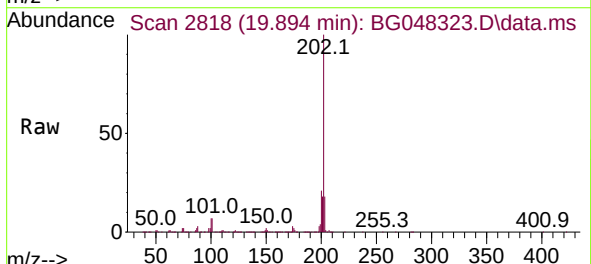
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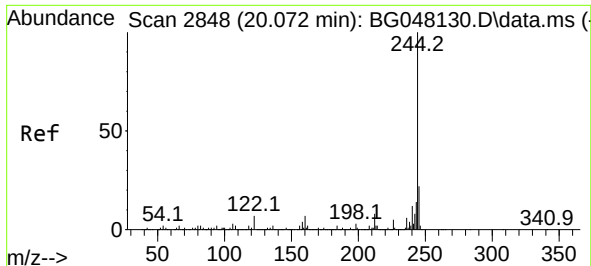
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#78  
Pyrene  
Concen: 38.92 ng  
RT: 19.894 min Scan# 2818  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:202 Resp: 729382  
Ion Ratio Lower Upper  
202 100  
200 21.2 18.6 27.8  
203 18.2 15.3 22.9





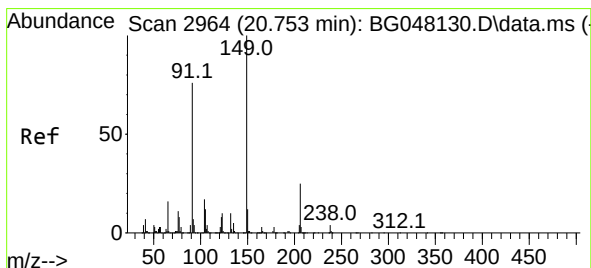
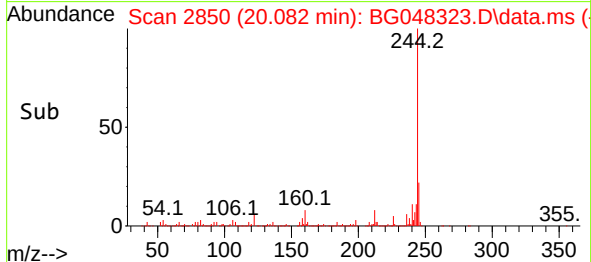
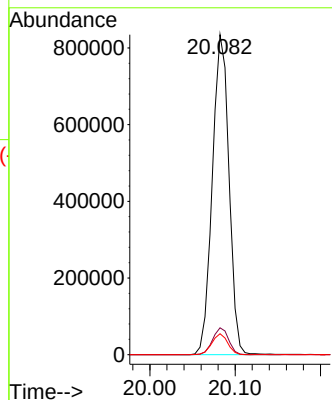
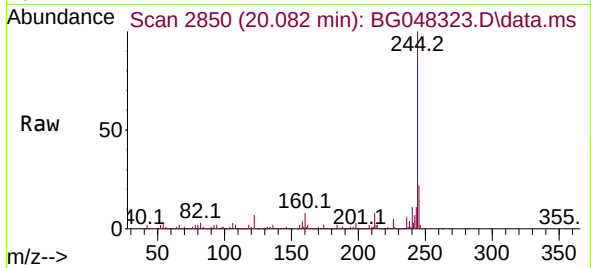
#79  
Terphenyl-d14  
Concen: 77.12 ng  
RT: 20.082 min Scan# 2850  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:244 Resp: 1132587  
Ion Ratio Lower Upper  
244 100  
212 8.4 6.7 10.1  
122 6.5 7.8 11.6#

Instrument :  
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ClientSampleId :  
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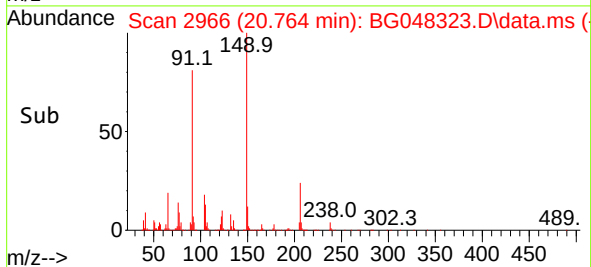
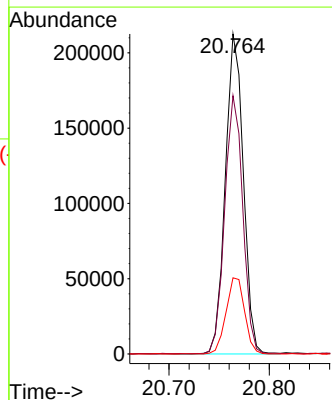
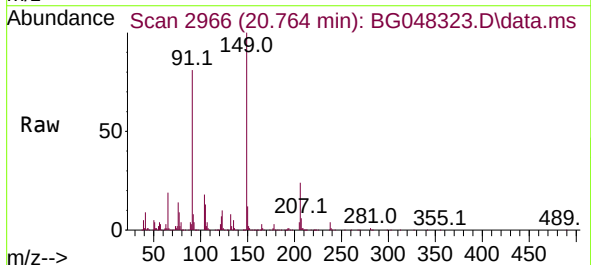
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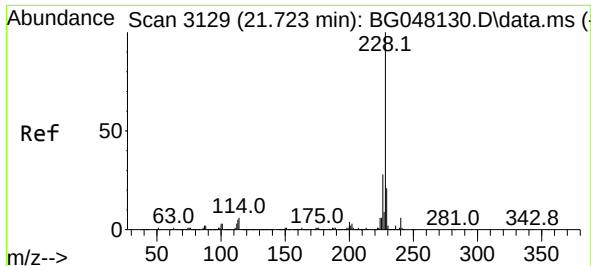
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#80  
Butylbenzylphthalate  
Concen: 40.32 ng  
RT: 20.764 min Scan# 2966  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:149 Resp: 264665  
Ion Ratio Lower Upper  
149 100  
91 80.7 51.5 77.3#  
206 23.8 21.2 31.8





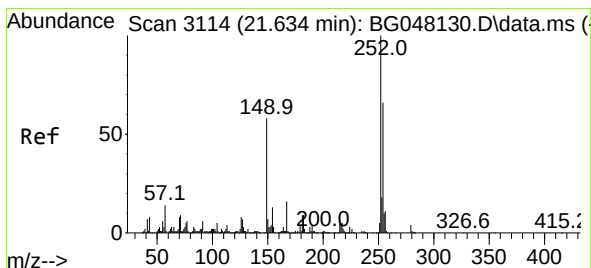
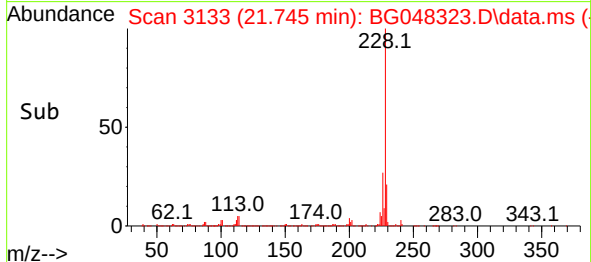
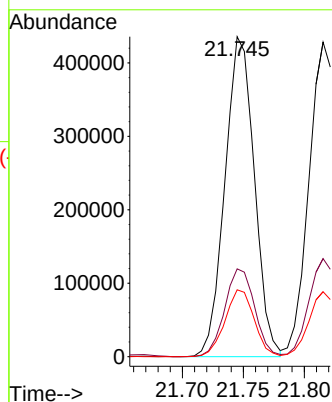
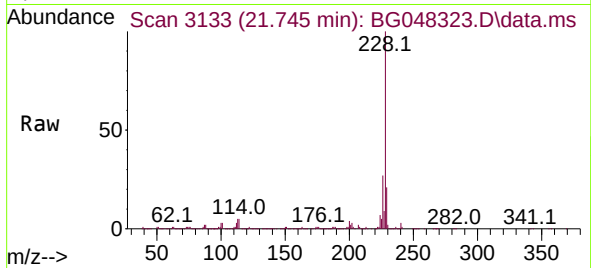
#81  
Benzo(a)anthracene  
Concen: 39.11 ng  
RT: 21.745 min Scan# 3133  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

Tgt Ion:228 Resp: 732210  
Ion Ratio Lower Upper  
228 100  
226 27.5 23.3 34.9  
229 20.9 17.4 26.0

Instrument :  
BNA\_G  
ClientSampleId :  
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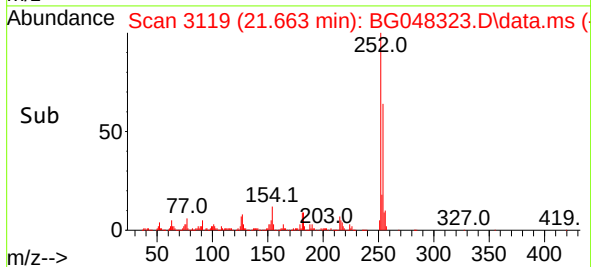
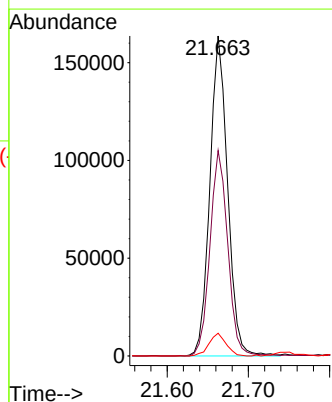
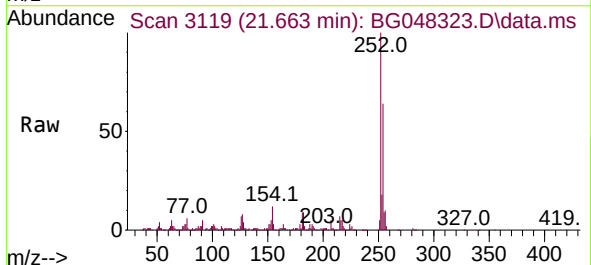
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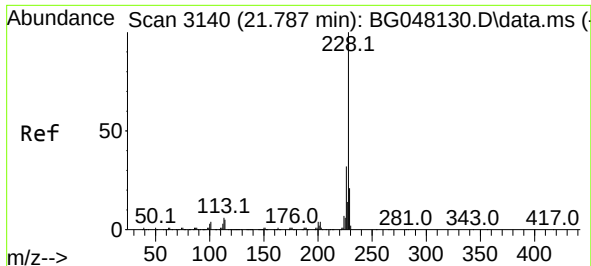
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#82  
3,3'-Dichlorobenzidine  
Concen: 36.99 ng  
RT: 21.663 min Scan# 3119  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

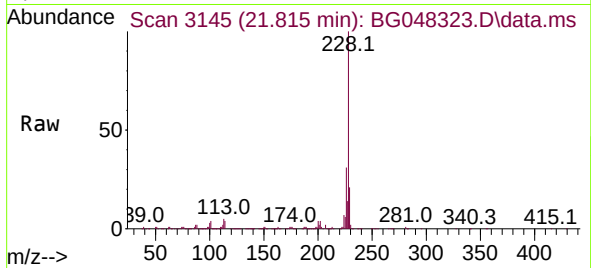
Tgt Ion:252 Resp: 248016  
Ion Ratio Lower Upper  
252 100  
254 64.2 53.2 79.8  
126 7.1 6.8 10.2





#83  
Chrysene  
Concen: 39.91 ng  
RT: 21.815 min Scan# 3145  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

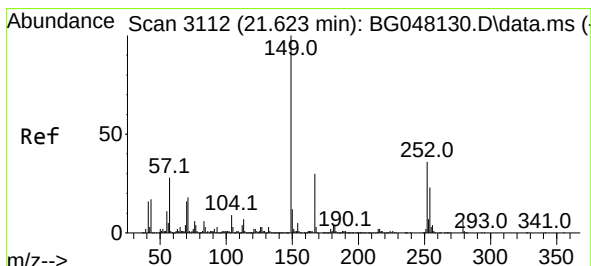
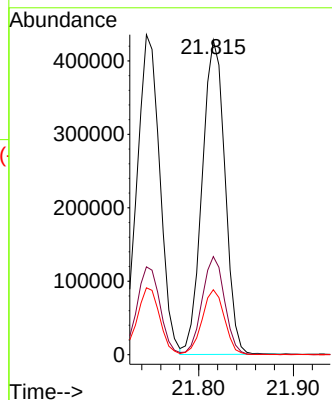
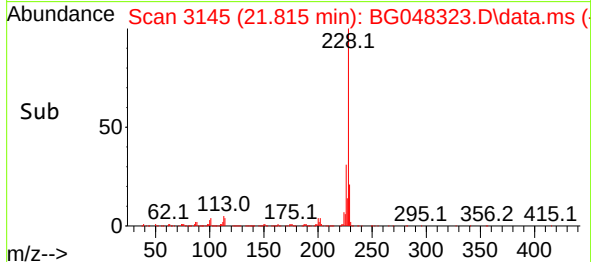
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



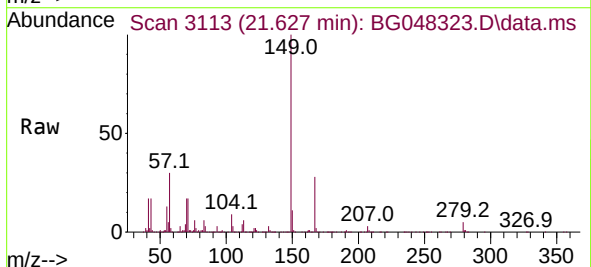
Tgt Ion:228 Resp: 713658  
Ion Ratio Lower Upper  
228 100  
226 31.2 25.0 37.4  
229 20.6 17.3 25.9

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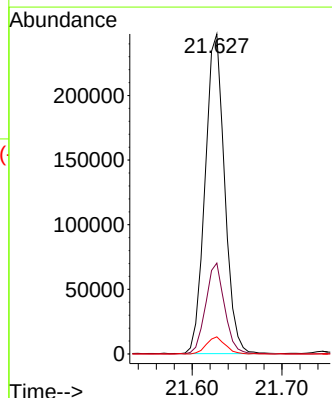
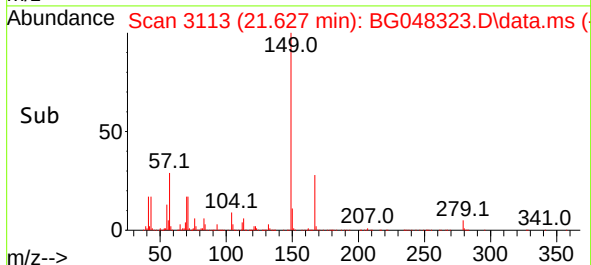
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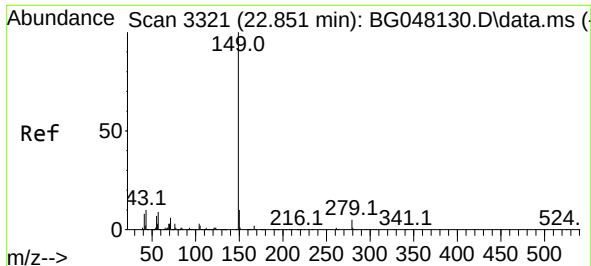


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.33 ng  
RT: 21.627 min Scan# 3113  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



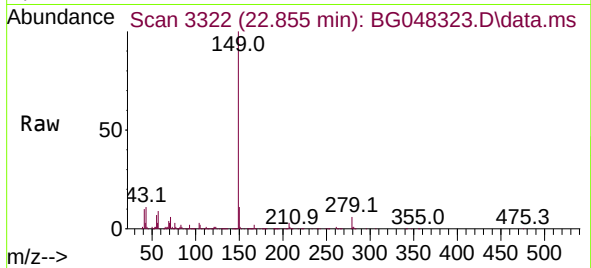
Tgt Ion:149 Resp: 371906  
Ion Ratio Lower Upper  
149 100  
167 28.4 24.8 37.2  
279 5.4 4.6 7.0





#85  
Di-n-octyl phthalate  
Concen: 40.66 ng  
RT: 22.855 min Scan# 3322  
Delta R.T. -0.006 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

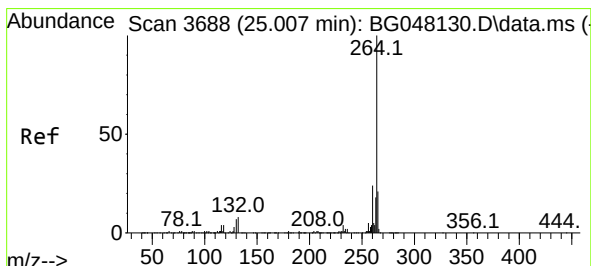
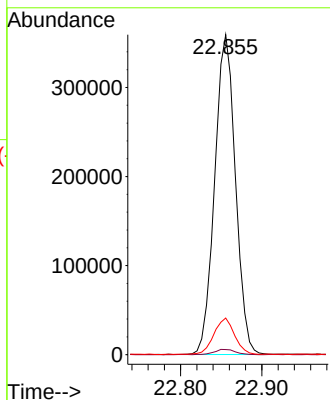
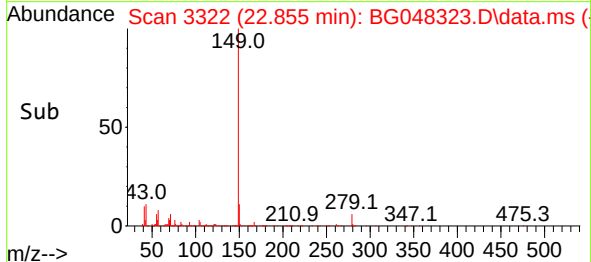
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ClientSampleId :  
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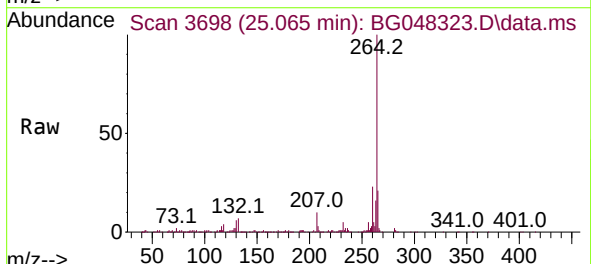
Tgt Ion:149 Resp: 638309  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 11.3 6.8 10.2#

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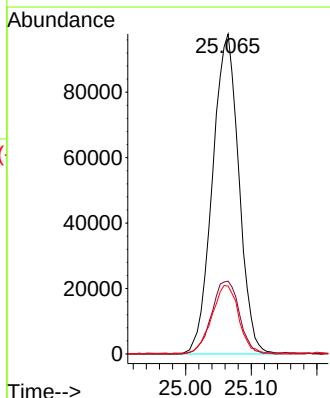
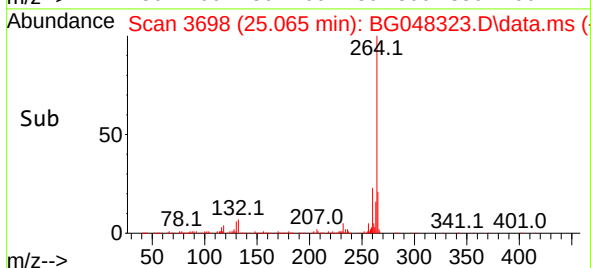
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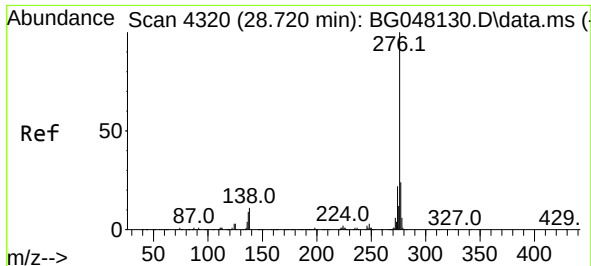


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.065 min Scan# 3698  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

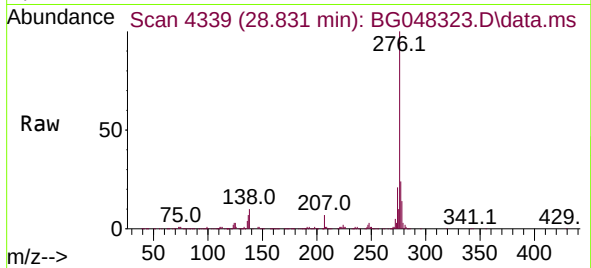


Tgt Ion:264 Resp: 272700  
Ion Ratio Lower Upper  
264 100  
260 22.8 18.8 28.2  
265 21.2 17.8 26.8

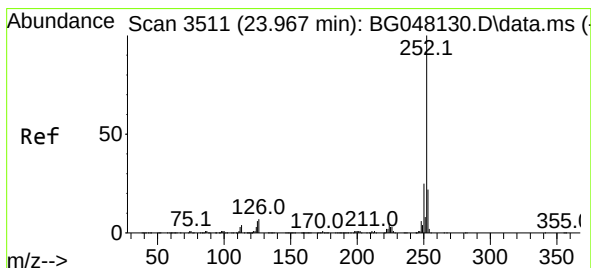
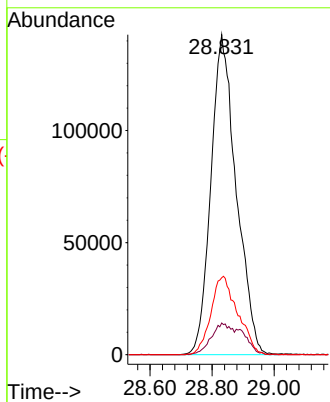
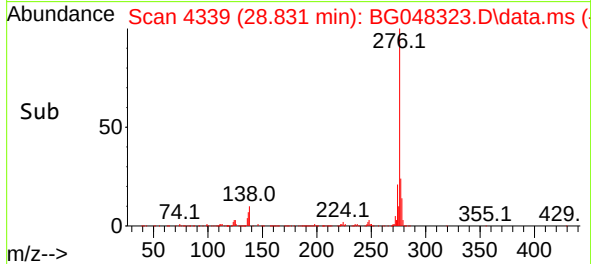




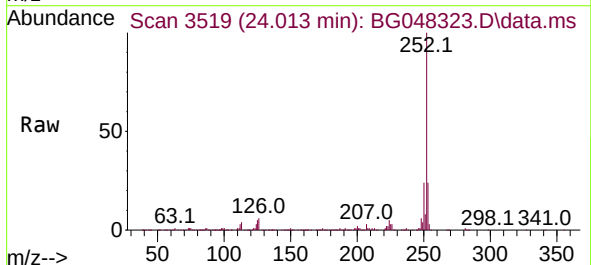
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.20 ng  
 RT: 28.831 min Scan# 4339  
 Delta R.T. -0.012 min  
 Lab File: BG048323.D  
 Acq: 4 Mar 2021 10:21



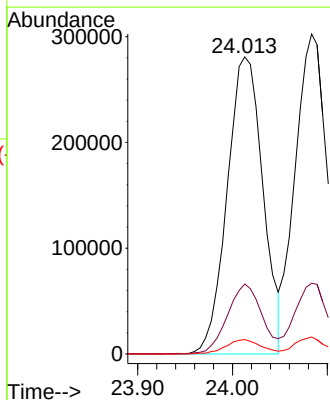
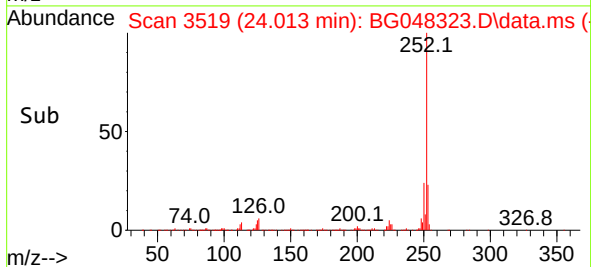
Tgt Ion: 276 Resp: 810025  
 Ion Ratio Lower Upper  
 276 100  
 138 8.1 16.2 24.2#  
 277 25.9 20.3 30.5



#88  
 Benzo(b)fluoranthene  
 Concen: 39.11 ng  
 RT: 24.013 min Scan# 3519  
 Delta R.T. -0.006 min  
 Lab File: BG048323.D  
 Acq: 4 Mar 2021 10:21



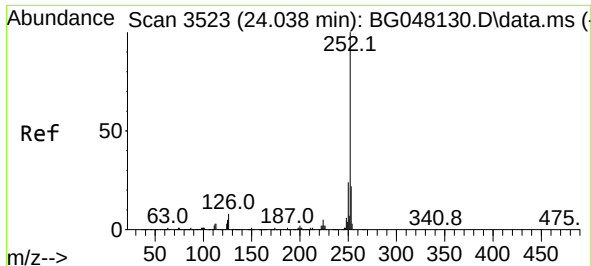
Tgt Ion: 252 Resp: 737470  
 Ion Ratio Lower Upper  
 252 100  
 253 23.5 18.7 28.1  
 125 4.9 6.5 9.7#



Instrument :  
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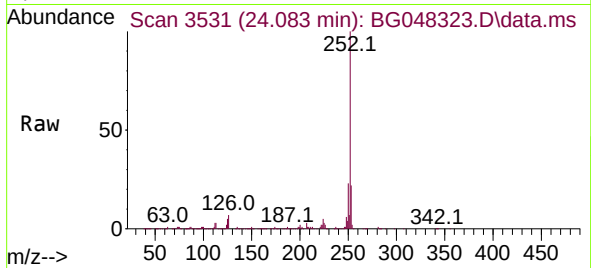
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#89  
Benzo(k)fluoranthene  
Concen: 39.64 ng  
RT: 24.083 min Scan# 3531  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

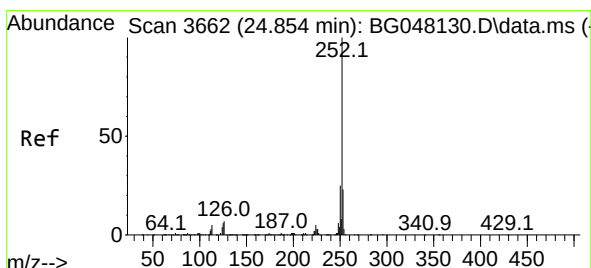
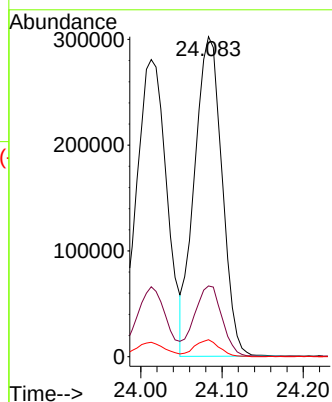
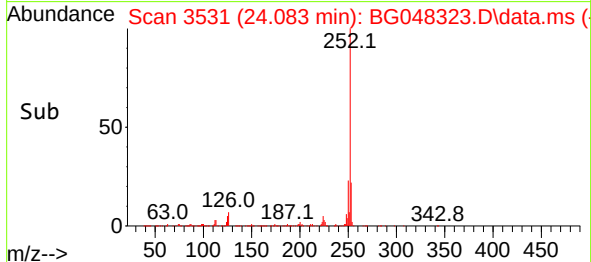
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SSTDCCC040



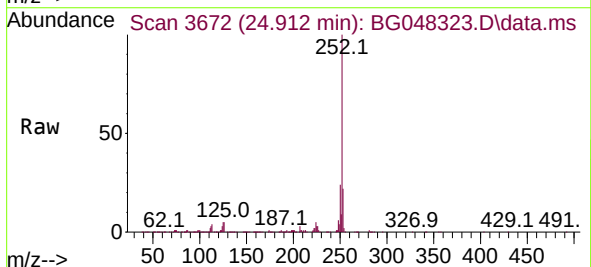
Tgt Ion:252 Resp: 712990  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.6 27.8  
125 5.3 6.8 10.2#

Manual Integrations  
APPROVED

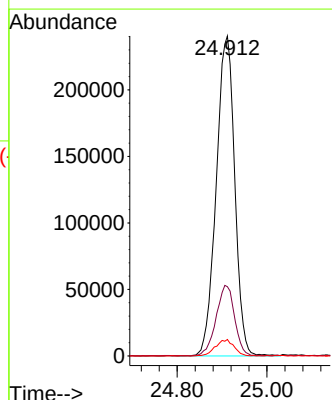
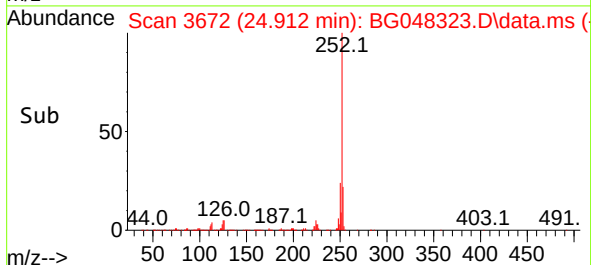
mohammad  
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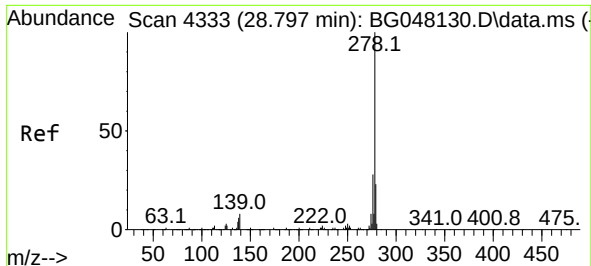
#90  
Benzo(a)pyrene  
Concen: 39.40 ng  
RT: 24.912 min Scan# 3672  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



Tgt Ion:252 Resp: 688988  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.9 26.9  
125 5.2 7.0 10.4#

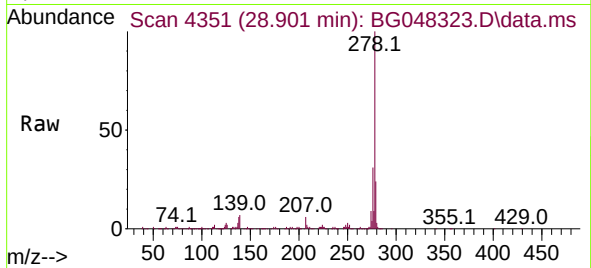






#91  
Dibenzo(a,h)anthracene  
Concen: 39.11 ng  
RT: 28.901 min Scan# 4351  
Delta R.T. 0.000 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21

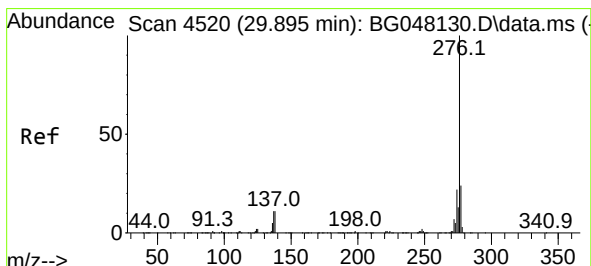
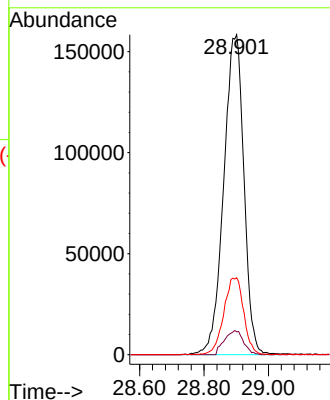
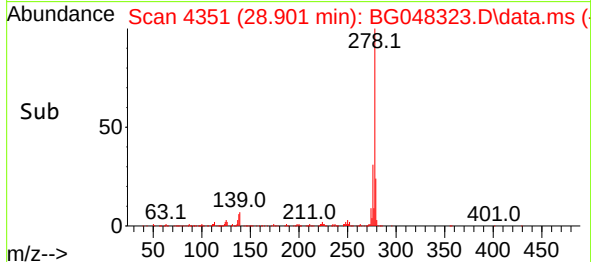
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



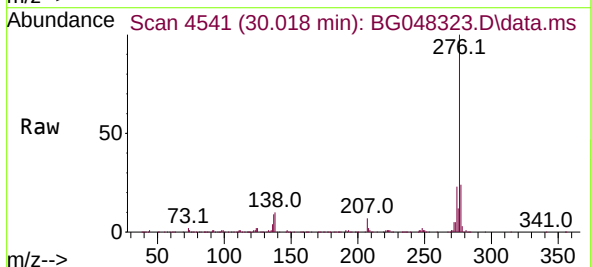
Tgt Ion:278 Resp: 689388  
Ion Ratio Lower Upper  
278 100  
139 7.1 10.5 15.7#  
279 24.1 19.4 29.0

Manual Integrations  
APPROVED

mohammad  
3/5/2021 2:44:07 PM



#92  
Benzo(g,h,i)perylene  
Concen: 39.09 ng  
RT: 30.018 min Scan# 4541  
Delta R.T. -0.012 min  
Lab File: BG048323.D  
Acq: 4 Mar 2021 10:21



Tgt Ion:276 Resp: 669536  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.6 29.4  
138 10.3 13.4 20.2#

