

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031721\  
 Data File : BG048395.D  
 Acq On : 17 Mar 2021 12:48  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 3/18/2021 2:31:32 PM

Quant Time: Mar 17 13:48:32 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG031621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 16 16:05:10 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.120  | 152  | 53481    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.934 | 136  | 197951   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.753 | 164  | 151448   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.503 | 188  | 391186   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.798 | 240  | 416118   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 25.135 | 264  | 447498   | 20.00 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.658  | 112  | 243903   | 78.33 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.256  | 99   | 365942   | 79.77 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.283  | 82   | 380339   | 85.37 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.240 | 330  | 179662   | 92.72 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.379 | 172  | 834895   | 77.69 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.112 | 244  | 1700944  | 79.00 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.537  | 88   | 55071    | 36.99 | ng    | # 92     |
| 3) Pyridine                   | 3.943  | 79   | 159343   | 39.21 | ng    | # 83     |
| 4) n-Nitrosodimethylamine     | 3.854  | 42   | 94775    | 40.38 | ng    | # 60     |
| 6) Aniline                    | 7.433  | 93   | 214444   | 38.02 | ng    | # 86     |
| 8) 2-Chlorophenol             | 7.673  | 128  | 129439   | 41.18 | ng    | 89       |
| 9) Benzaldehyde               | 7.245  | 77   | 104122   | 36.28 | ng    | # 78     |
| 10) Phenol                    | 7.280  | 94   | 185242   | 39.57 | ng    | # 65     |
| 11) bis(2-Chloroethyl)ether   | 7.527  | 93   | 132955   | 39.33 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 8.002  | 146  | 152421   | 38.02 | ng    | # 86     |
| 13) 1,4-Dichlorobenzene       | 8.149  | 146  | 154043   | 38.44 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.473  | 146  | 147390m  | 37.59 | ng    |          |
| 15) Benzyl Alcohol            | 8.349  | 79   | 171529   | 42.67 | ng    | # 81     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.637  | 45   | 153959   | 37.26 | ng    | 88       |
| 17) 2-Methylphenol            | 8.543  | 107  | 118212   | 39.48 | ng    | # 79     |
| 18) Hexachloroethane          | 9.207  | 117  | 59605    | 40.65 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.919  | 70   | 142468   | 40.31 | ng    | # 96     |
| 20) 3+4-Methylphenols         | 8.878  | 107  | 165519   | 41.42 | ng    | 84       |
| 22) Acetophenone              | 8.937  | 105  | 217705   | 38.91 | ng    | # 88     |
| 24) Nitrobenzene              | 9.324  | 77   | 208852   | 43.00 | ng    | # 80     |
| 25) Isophorone                | 9.847  | 82   | 371920   | 38.91 | ng    | # 90     |
| 26) 2-Nitrophenol             | 10.035 | 139  | 67416    | 44.55 | ng    | # 76     |
| 27) 2,4-Dimethylphenol        | 10.088 | 122  | 126803   | 41.84 | ng    | 86       |
| 28) bis(2-Chloroethoxy)met... | 10.329 | 93   | 170364   | 39.68 | ng    | # 96     |
| 29) 2,4-Dichlorophenol        | 10.570 | 162  | 144337   | 44.13 | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.793 | 180  | 169679   | 39.77 | ng    | 91       |
| 31) Naphthalene               | 10.987 | 128  | 433434   | 40.13 | ng    | 99       |
| 32) Benzoic acid              | 10.218 | 122  | 89123    | 46.71 | ng    | # 79     |
| 33) 4-Chloroaniline           | 11.087 | 127  | 184289   | 40.59 | ng    | # 85     |
| 34) Hexachlorobutadiene       | 11.269 | 225  | 139412   | 41.82 | ng    | 98       |
| 35) Caprolactam               | 11.863 | 113  | 50189    | 45.00 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 12.192 | 107  | 168090   | 42.96 | ng    | # 80     |
| 37) 2-Methylnaphthalene       | 12.585 | 142  | 336756   | 40.66 | ng    | # 91     |
| 38) 1-Methylnaphthalene       | 12.809 | 142  | 311815   | 39.93 | ng    | # 99     |
| 40) 1,2,4,5-Tetrachloroben... | 12.950 | 216  | 219751   | 39.23 | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.932 | 237  | 128875   | 42.04 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.185 | 196  | 146708   | 44.69 | ng    | 98       |

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Manual Integrations  
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Quant Time: Mar 17 13:48:32 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG031621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 16 16:05:10 2021  
 Response via : Initial Calibration

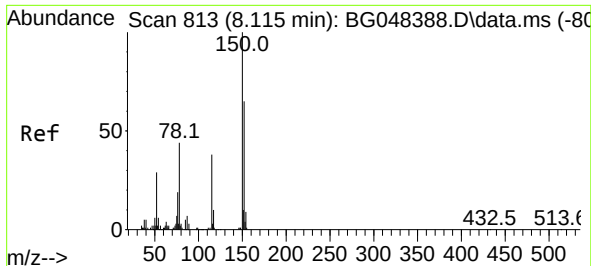
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |    |
|-------------------------------|--------|------|----------|-------|-------|----------|----|
| 44) 2,4,5-Trichlorophenol     | 13.249 | 196  | 157112   | 44.10 | ng    | #        | 94 |
| 46) 1,1'-Biphenyl             | 13.590 | 154  | 433112   | 39.40 | ng    |          | 96 |
| 47) 2-Chloronaphthalene       | 13.631 | 162  | 346292   | 38.88 | ng    |          | 94 |
| 48) 2-Nitroaniline            | 13.825 | 65   | 122640   | 42.81 | ng    | #        | 70 |
| 49) Acenaphthylene            | 14.477 | 152  | 558900   | 39.32 | ng    |          | 99 |
| 50) Dimethylphthalate         | 14.201 | 163  | 484212   | 41.61 | ng    |          | 98 |
| 51) 2,6-Dinitrotoluene        | 14.319 | 165  | 100430   | 45.34 | ng    | #        | 44 |
| 52) Acenaphthene              | 14.818 | 154  | 371794   | 39.76 | ng    |          | 98 |
| 53) 3-Nitroaniline            | 14.648 | 138  | 99260    | 43.96 | ng    | #        | 70 |
| 54) 2,4-Dinitrophenol         | 14.847 | 184  | 58164    | 44.33 | ng    | #        | 79 |
| 55) Dibenzofuran              | 15.153 | 168  | 573925   | 40.03 | ng    |          | 91 |
| 56) 4-Nitrophenol             | 14.936 | 139  | 86198    | 44.88 | ng    | #        | 40 |
| 57) 2,4-Dinitrotoluene        | 15.106 | 165  | 144631   | 43.99 | ng    | #        | 68 |
| 58) Fluorene                  | 15.799 | 166  | 489570   | 40.83 | ng    |          | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.370 | 232  | 155984   | 45.34 | ng    | #        | 94 |
| 60) Diethylphthalate          | 15.564 | 149  | 480355   | 42.61 | ng    |          | 95 |
| 61) 4-Chlorophenyl-phenyle... | 15.793 | 204  | 278966   | 40.49 | ng    |          | 98 |
| 62) 4-Nitroaniline            | 15.817 | 138  | 109401   | 44.58 | ng    | #        | 48 |
| 63) Azobenzene                | 16.087 | 77   | 540141   | 39.32 | ng    |          | 86 |
| 65) 4,6-Dinitro-2-methylph... | 15.870 | 198  | 85502    | 44.98 | ng    |          | 92 |
| 66) n-Nitrosodiphenylamine    | 16.005 | 169  | 443589   | 39.04 | ng    |          | 97 |
| 67) 4-Bromophenyl-phenylether | 16.686 | 248  | 179259   | 38.12 | ng    | #        | 93 |
| 68) Hexachlorobenzene         | 16.804 | 284  | 203285   | 39.64 | ng    |          | 97 |
| 69) Atrazine                  | 16.951 | 200  | 177890   | 43.37 | ng    |          | 99 |
| 70) Pentachlorophenol         | 17.145 | 266  | 135269   | 44.10 | ng    |          | 98 |
| 71) Phenanthrene              | 17.544 | 178  | 813901   | 39.48 | ng    |          | 99 |
| 72) Anthracene                | 17.638 | 178  | 803277   | 39.25 | ng    |          | 99 |
| 73) Carbazole                 | 17.903 | 167  | 748075   | 39.50 | ng    |          | 97 |
| 74) Di-n-butylphthalate       | 18.461 | 149  | 834197   | 43.08 | ng    | #        | 97 |
| 75) Fluoranthene              | 19.554 | 202  | 1092244  | 39.95 | ng    |          | 95 |
| 77) Benzidine                 | 19.730 | 184  | 482407   | 44.74 | ng    |          | 99 |
| 78) Pyrene                    | 19.918 | 202  | 1081674  | 39.03 | ng    |          | 98 |
| 80) Butylbenzylphthalate      | 20.799 | 149  | 373757   | 41.19 | ng    | #        | 81 |
| 81) Benzo(a)anthracene        | 21.780 | 228  | 1149547  | 39.87 | ng    |          | 99 |
| 82) 3,3'-Dichlorobenzidine    | 21.686 | 252  | 405988   | 41.70 | ng    |          | 98 |
| 83) Chrysene                  | 21.845 | 228  | 1092032  | 39.69 | ng    |          | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.681 | 149  | 554625   | 43.80 | ng    |          | 96 |
| 85) Di-n-octyl phthalate      | 22.944 | 149  | 940539   | 42.24 | ng    | #        | 95 |
| 87) Indeno(1,2,3-cd)pyrene    | 28.972 | 276  | 1356671  | 39.47 | ng    | #        | 85 |
| 88) Benzo(b)fluoranthene      | 24.072 | 252  | 1206128  | 38.66 | ng    | #        | 96 |
| 89) Benzo(k)fluoranthene      | 24.148 | 252  | 1170580  | 39.10 | ng    | #        | 95 |
| 90) Benzo(a)pyrene            | 24.977 | 252  | 1121361  | 39.00 | ng    | #        | 96 |
| 91) Dibenzo(a,h)anthracene    | 29.043 | 278  | 1144315  | 39.04 | ng    | #        | 92 |
| 92) Benzo(g,h,i)perylene      | 30.159 | 276  | 1128763  | 39.71 | ng    | #        | 93 |

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

## Manual Integrations

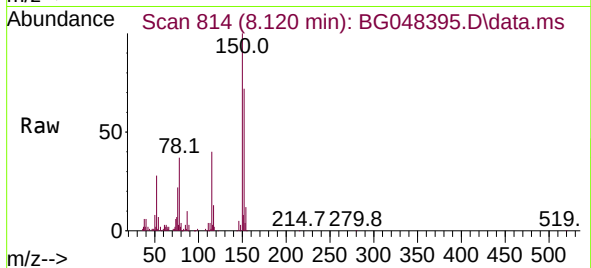
Quant Time: Mar 17 13:48:32 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG031621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 16 16:05:10 2021  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.120 min Scan# 814  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

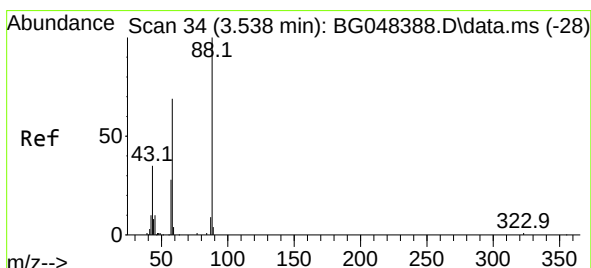
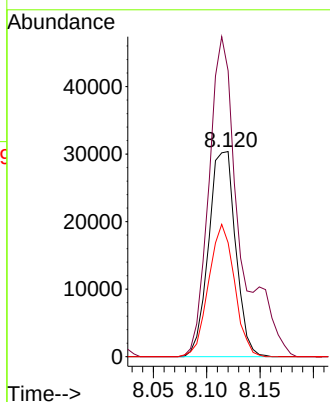
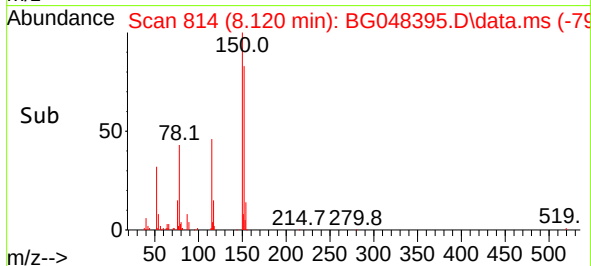
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



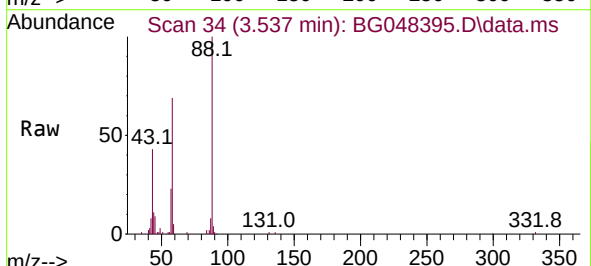
Tgt Ion:152 Resp: 53481  
Ion Ratio Lower Upper  
152 100  
150 139.3 125.0 187.6  
115 55.5 41.8 62.6

Manual Integrations  
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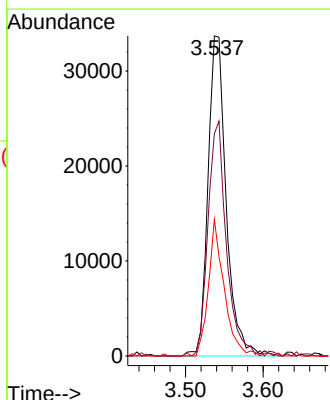
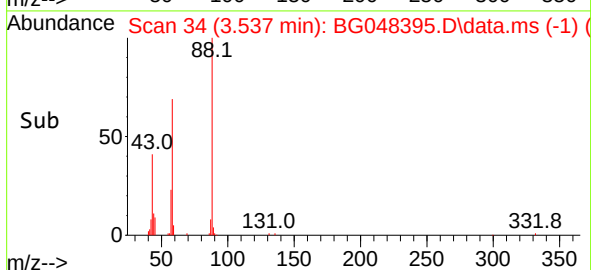
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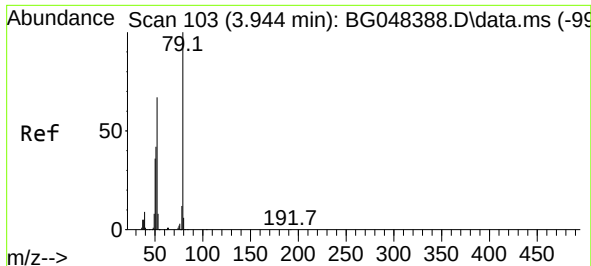


#2  
1,4-Dioxane  
Concen: 36.99 ng  
RT: 3.537 min Scan# 34  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



Tgt Ion: 88 Resp: 55071  
Ion Ratio Lower Upper  
88 100  
58 73.8 61.6 92.4  
43 37.2 21.3 31.9





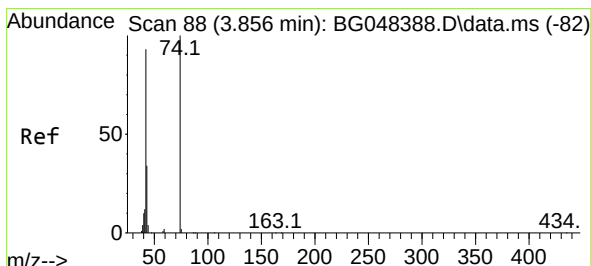
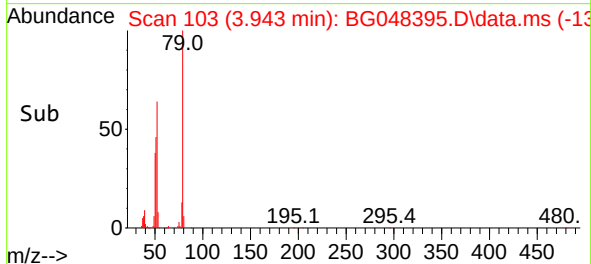
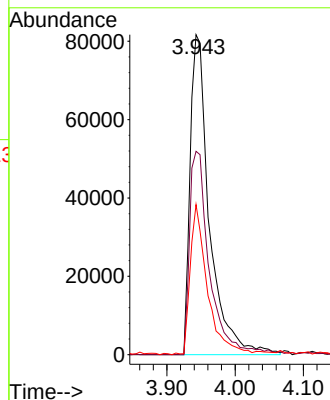
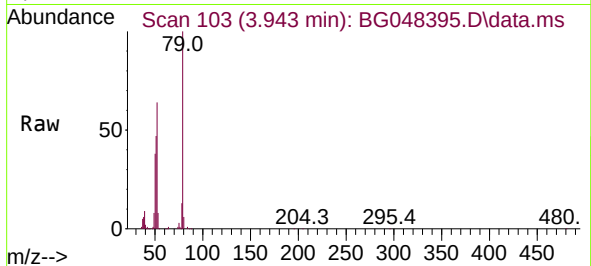
#3  
Pyridine  
Concen: 39.21 ng  
RT: 3.943 min Scan# 103  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion: 79 Resp: 159343  
Ion Ratio Lower Upper  
79 100  
52 63.5 61.3 91.9  
51 46.9 28.4 42.6#

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ClientSampleId :  
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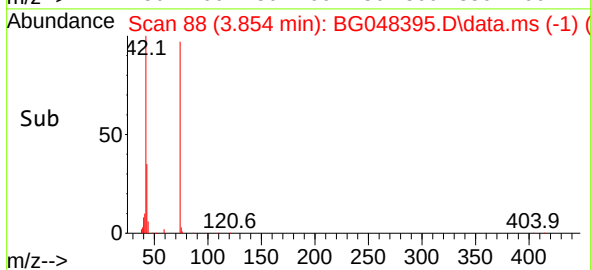
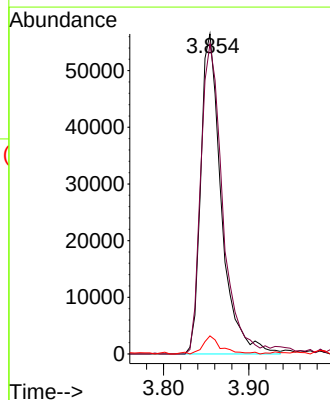
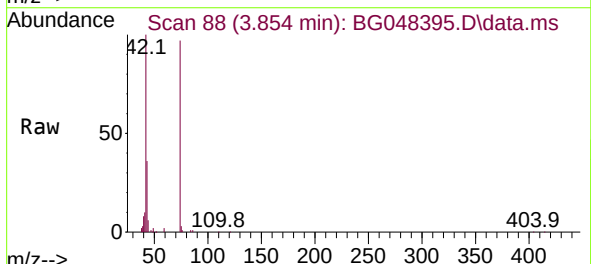
Manual Integrations  
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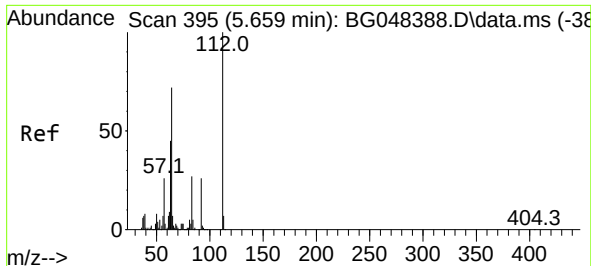
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3/18/2021 2:31:32 PM



#4  
n-Nitrosodimethylamine  
Concen: 40.38 ng  
RT: 3.854 min Scan# 88  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion: 42 Resp: 94775  
Ion Ratio Lower Upper  
42 100  
74 96.9 120.4 180.6#  
44 5.7 6.2 9.2#





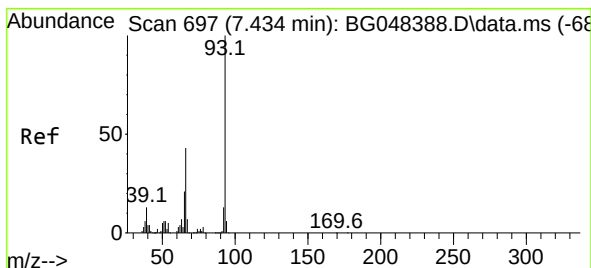
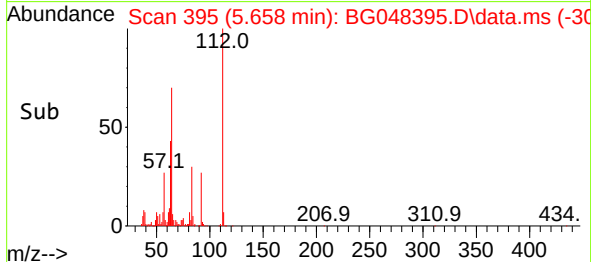
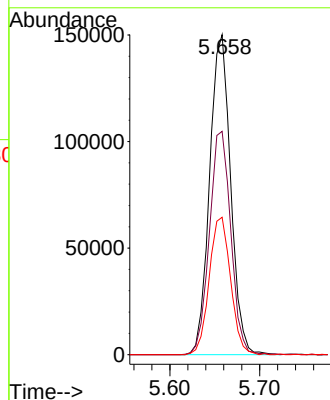
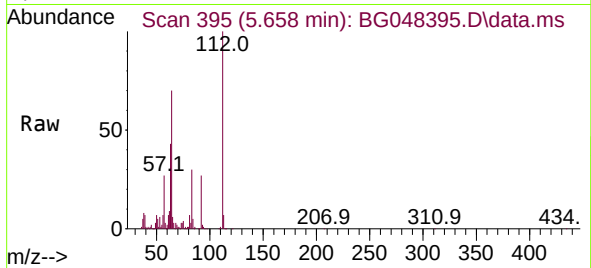
#5  
2-Fluorophenol  
Concen: 78.33 ng  
RT: 5.658 min Scan# 395  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion: 112 Resp: 243903  
Ion Ratio Lower Upper  
112 100  
64 69.8 46.7 70.1  
63 43.0 22.8 34.2#

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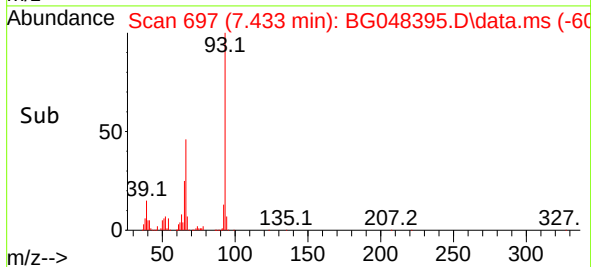
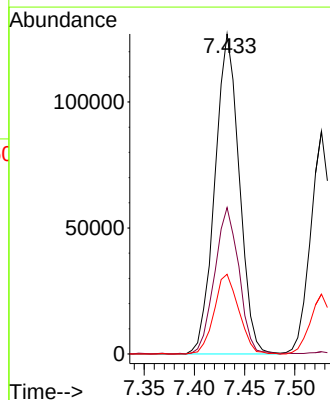
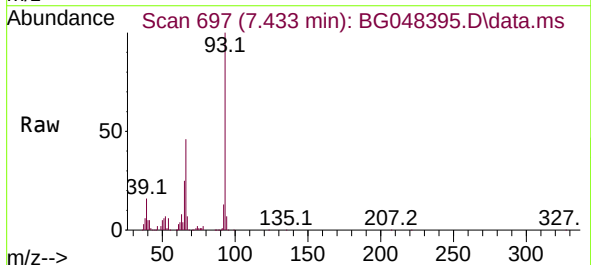
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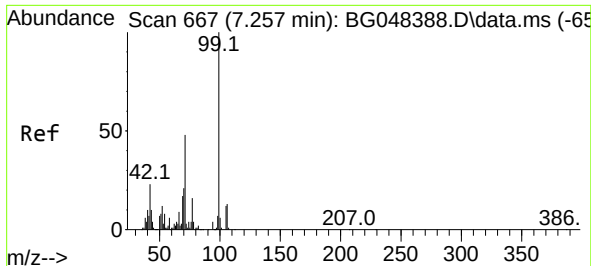
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3/18/2021 2:31:32 PM



#6  
Aniline  
Concen: 38.02 ng  
RT: 7.433 min Scan# 697  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion: 93 Resp: 214444  
Ion Ratio Lower Upper  
93 100  
66 45.8 29.5 44.3#  
65 24.9 15.5 23.3#





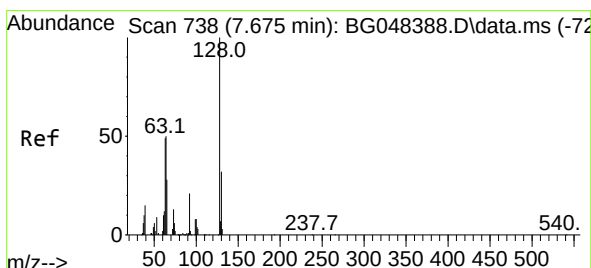
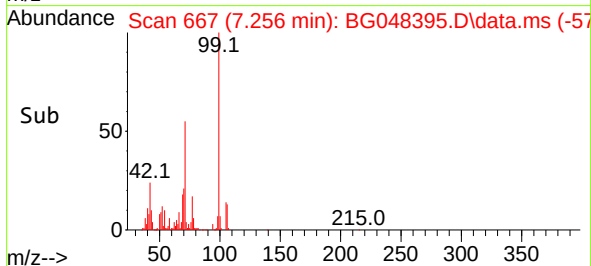
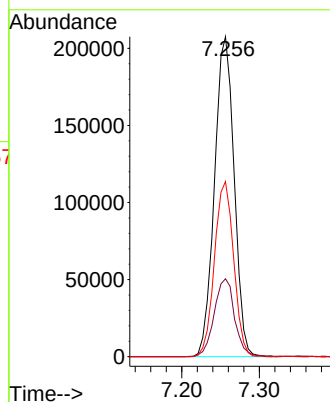
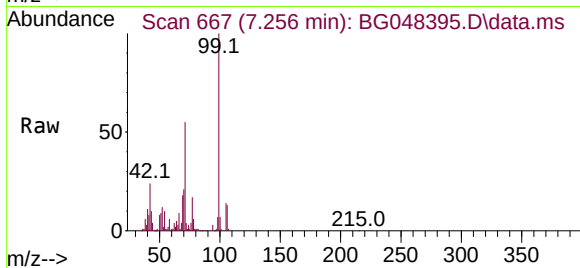
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Phenol-d6  
Concen: 79.77 ng  
RT: 7.256 min Scan# 667  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion: 99 Resp: 365942  
Ion Ratio Lower Upper  
99 100  
42 24.3 12.8 19.2#  
71 54.7 24.6 36.8#

Instrument :  
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SSTDCCC040

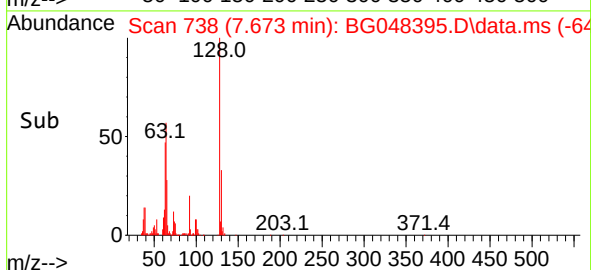
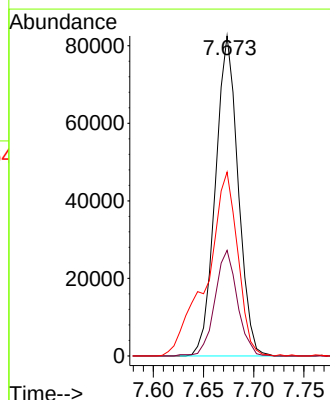
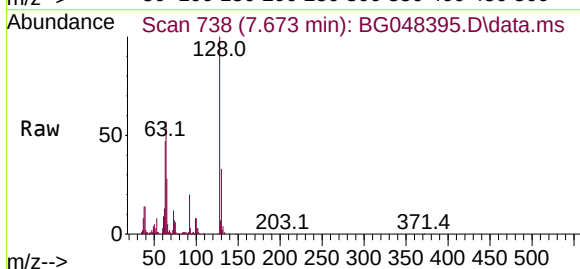
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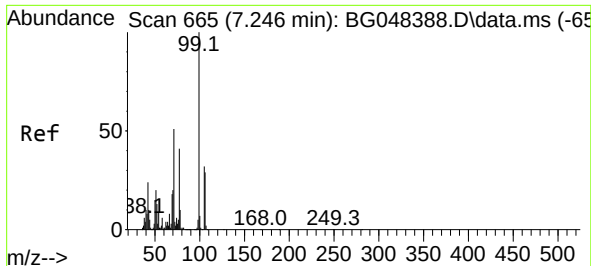
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#8  
2-Chlorophenol  
Concen: 41.18 ng  
RT: 7.673 min Scan# 738  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

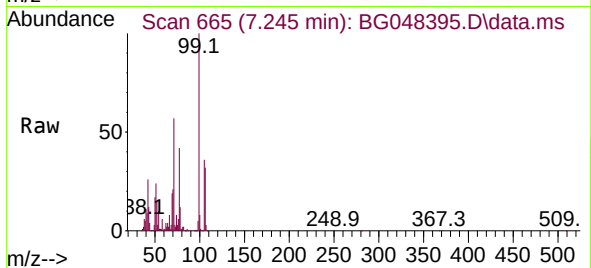
Tgt Ion: 128 Resp: 129439  
Ion Ratio Lower Upper  
128 100  
130 33.0 12.6 52.6  
64 57.4 24.8 64.8





#9  
Benzaldehyde  
Concen: 36.28 ng  
RT: 7.245 min Scan# 665  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

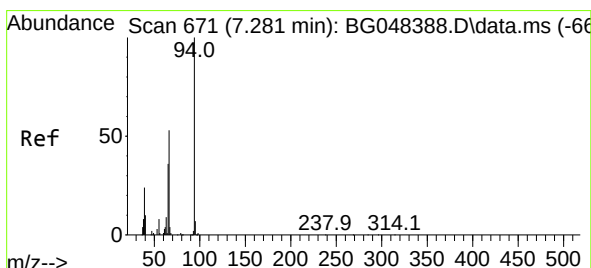
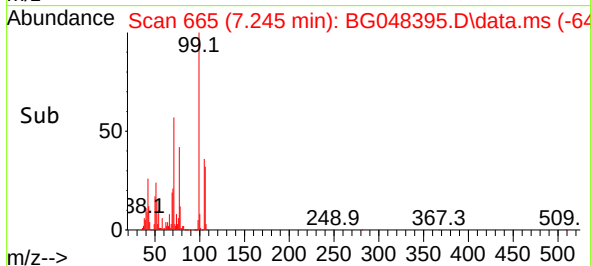
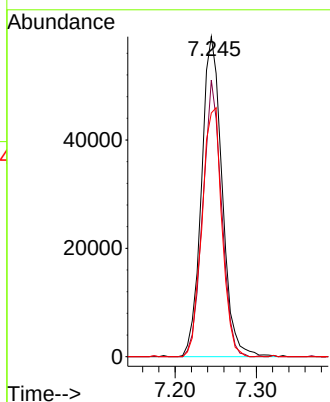
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 104122  
Ion Ratio Lower Upper  
77 100  
105 86.5 85.9 125.9  
106 76.2 80.9 120.9#

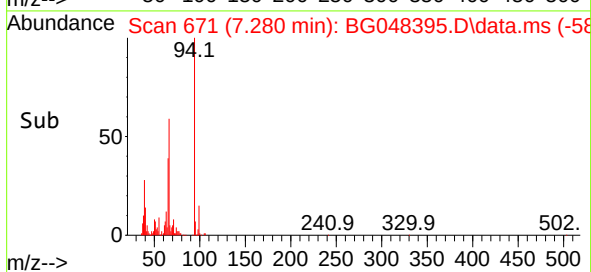
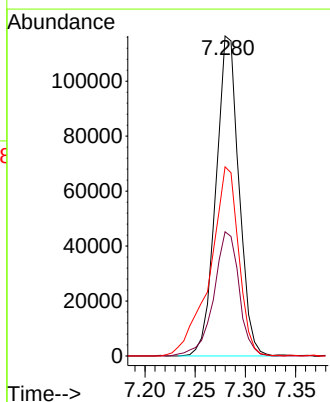
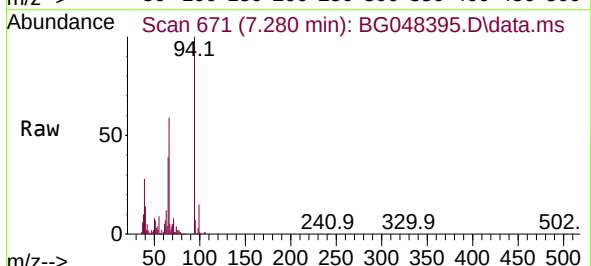
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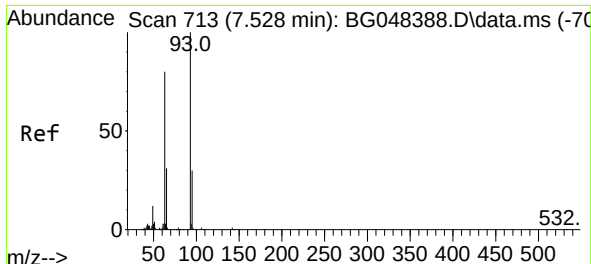


#10  
Phenol  
Concen: 39.57 ng  
RT: 7.280 min Scan# 671  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion: 94 Resp: 185242  
Ion Ratio Lower Upper  
94 100  
65 38.8 6.6 46.6  
66 59.1 13.9 53.9#

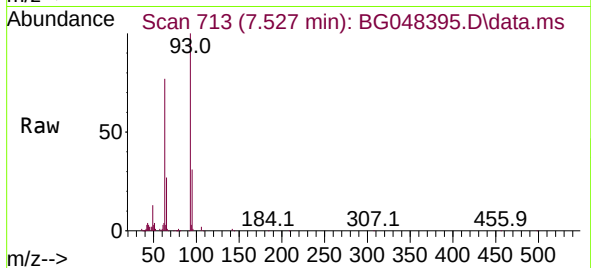






#11  
bis(2-Chloroethyl)ether  
Concen: 39.33 ng  
RT: 7.527 min Scan# 713  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

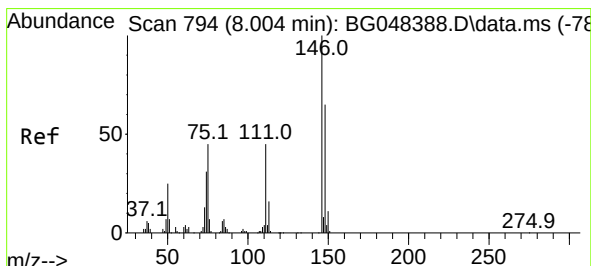
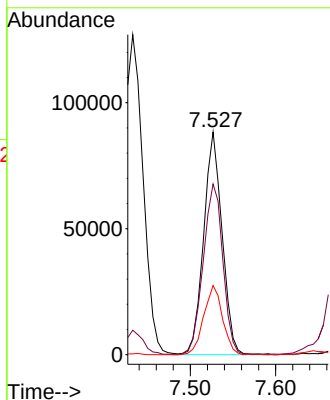
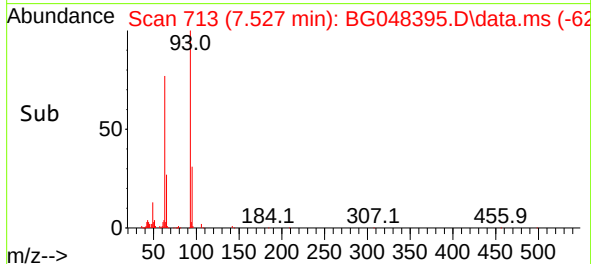
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



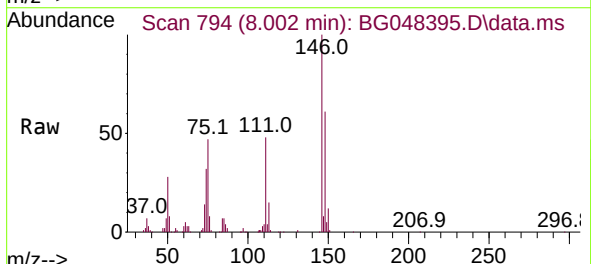
Tgt Ion: 93 Resp: 132955  
Ion Ratio Lower Upper  
93 100  
63 76.6 56.4 96.4  
95 31.0 13.8 53.8

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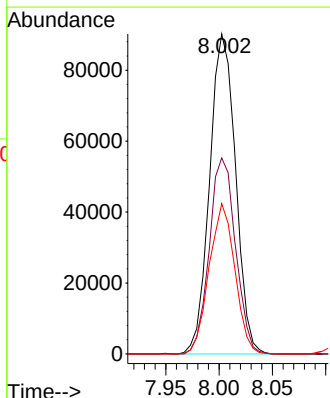
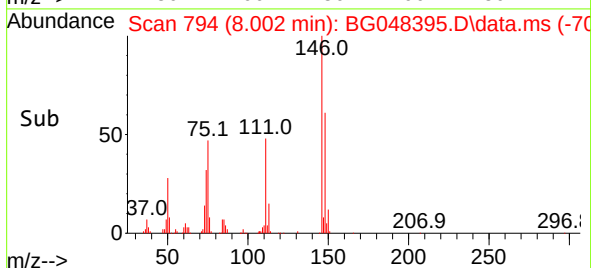
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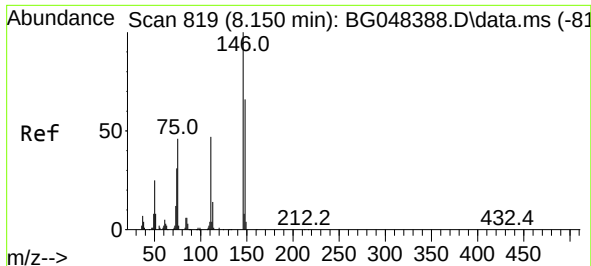


#12  
1,3-Dichlorobenzene  
Concen: 38.02 ng  
RT: 8.002 min Scan# 794  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



Tgt Ion: 146 Resp: 152421  
Ion Ratio Lower Upper  
146 100  
148 61.3 50.1 75.1  
75 47.0 20.1 30.1#





#13

1,4-Dichlorobenzene

Concen: 38.44 ng

RT: 8.149 min Scan# 819

Delta R.T. -0.001 min

Lab File: BG048395.D

Acq: 17 Mar 2021 12:48

Tgt Ion:146 Resp: 154043

Ion Ratio Lower Upper

146 100

148 61.9 51.1 76.7

111 41.1 29.7 44.5

Instrument :

BNA\_G

ClientSampleId :

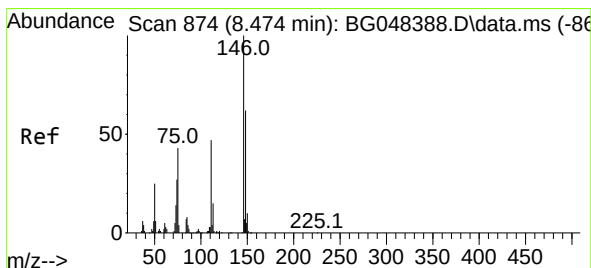
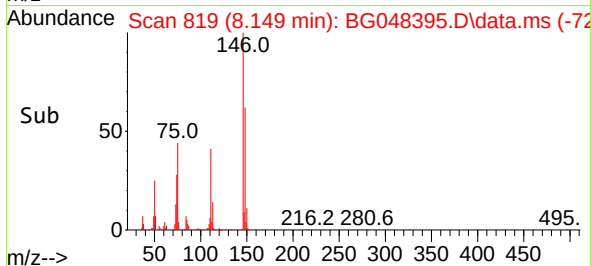
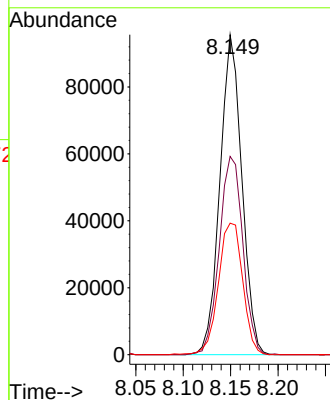
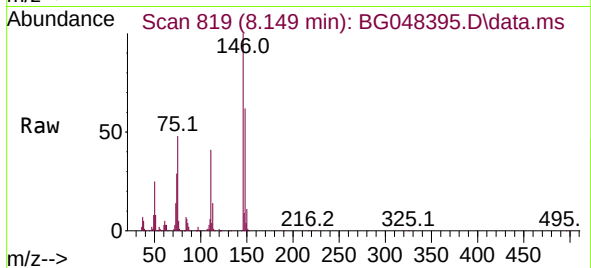
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#14

1,2-Dichlorobenzene

Concen: 37.59 ng m

RT: 8.473 min Scan# 874

Delta R.T. -0.002 min

Lab File: BG048395.D

Acq: 17 Mar 2021 12:48

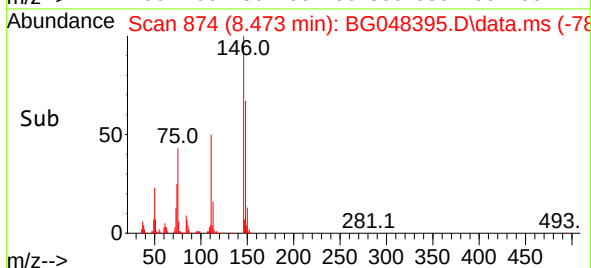
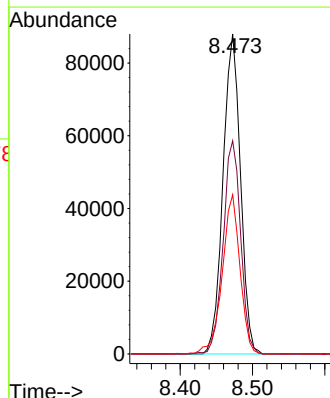
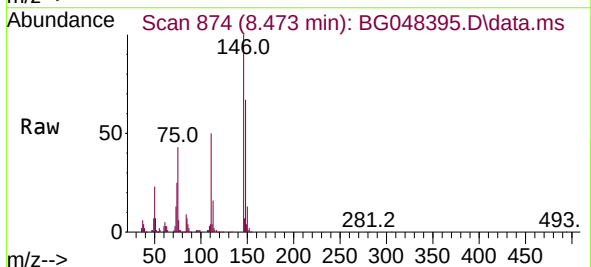
Tgt Ion:146 Resp: 147390

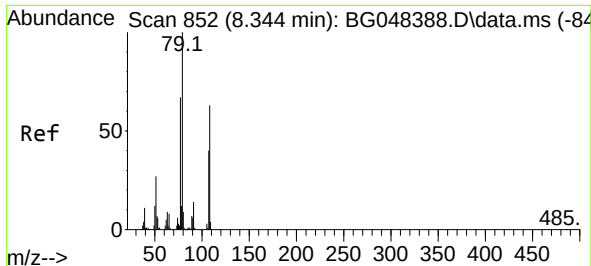
Ion Ratio Lower Upper

146 100

148 66.6 53.0 79.6

111 49.8 30.7 46.1#





#15

Benzyl Alcohol

Concen: 42.67 ng

RT: 8.349 min Scan# 853

Delta R.T. 0.005 min

Lab File: BG048395.D

Acq: 17 Mar 2021 12:48

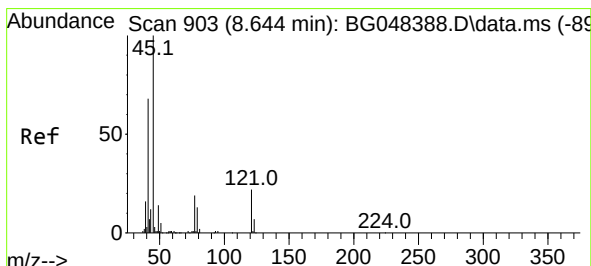
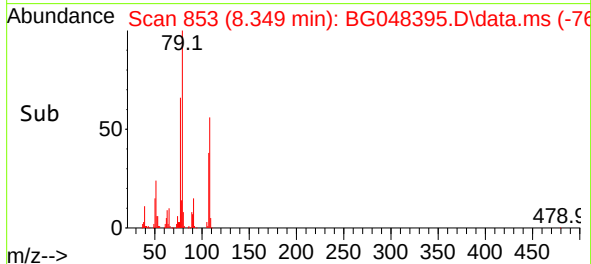
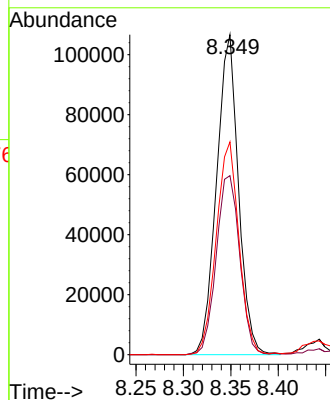
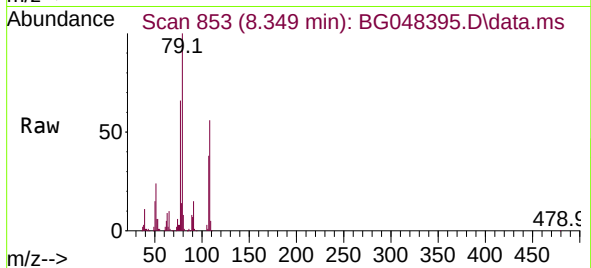
Tgt Ion: 79 Resp: 171529

Ion Ratio Lower Upper

79 100

108 55.9 65.5 98.3#

77 66.5 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.26 ng

RT: 8.637 min Scan# 902

Delta R.T. -0.007 min

Lab File: BG048395.D

Acq: 17 Mar 2021 12:48

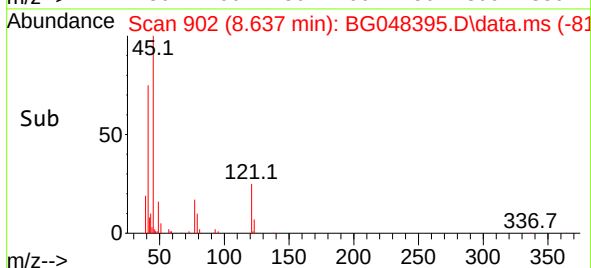
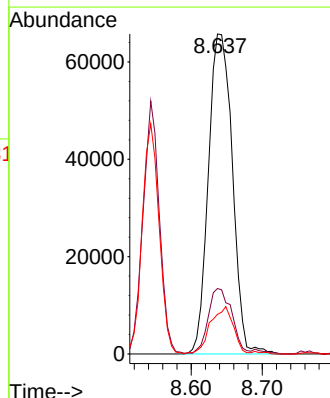
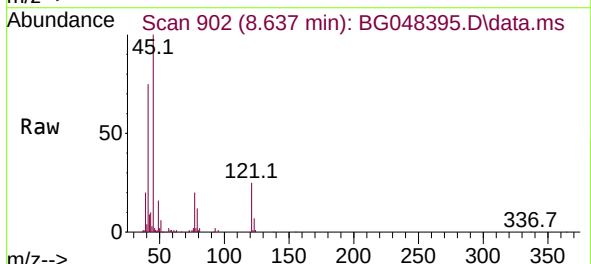
Tgt Ion: 45 Resp: 153959

Ion Ratio Lower Upper

45 100

77 20.5 0.0 33.4

79 12.4 0.0 30.8



Instrument :

BNA\_G

ClientSampleId :

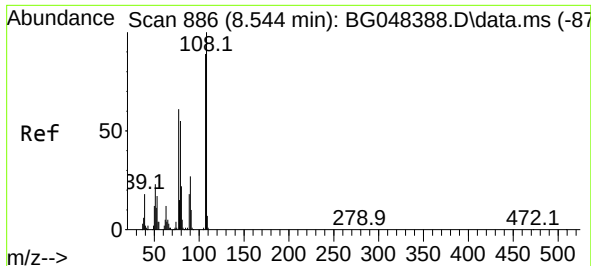
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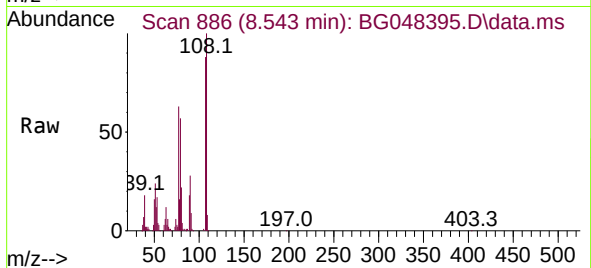
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#17  
2-Methylphenol  
Concen: 39.48 ng  
RT: 8.543 min Scan# 886  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

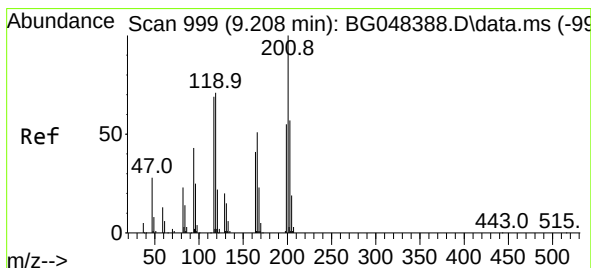
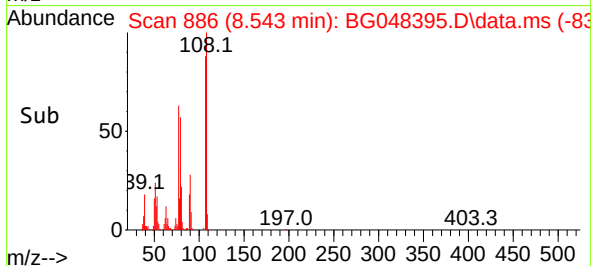
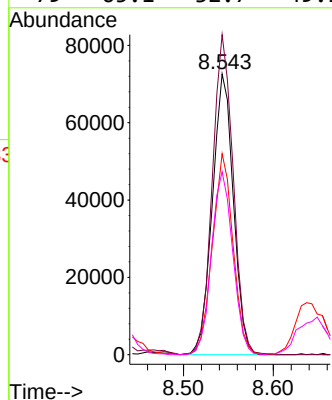
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.9 | 87.2  | 130.8 |
| 77      | 71.6  | 33.8  | 50.8# |
| 79      | 65.1  | 32.7  | 49.1# |

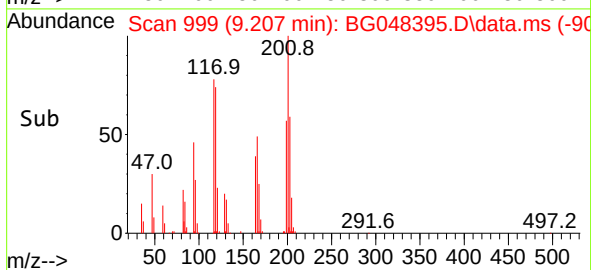
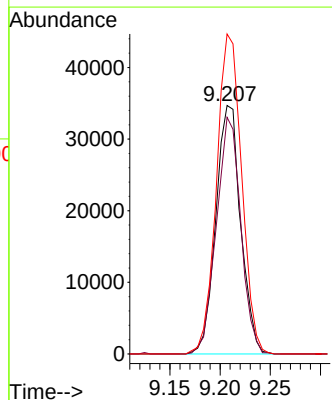
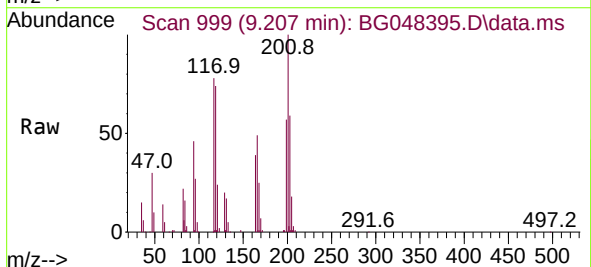
Manual Integrations  
APPROVED

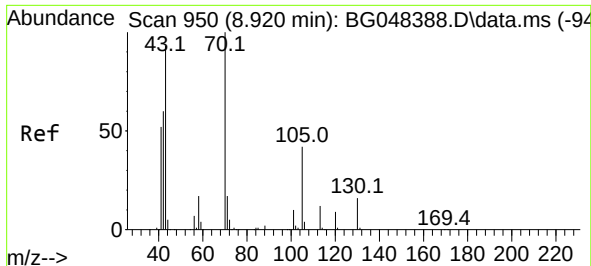
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#18  
Hexachloroethane  
Concen: 40.65 ng  
RT: 9.207 min Scan# 999  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.2  | 77.5  | 116.3 |
| 201     | 128.8 | 104.9 | 157.3 |





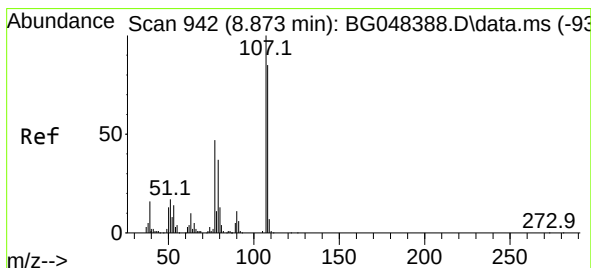
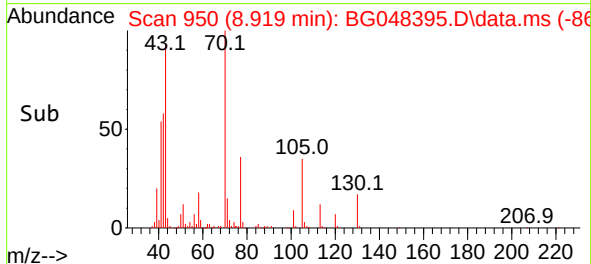
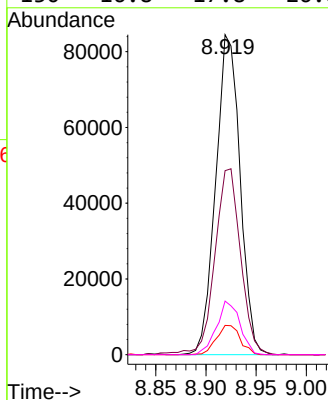
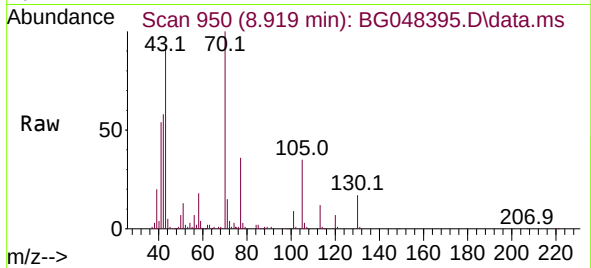
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.31 ng  
RT: 8.919 min Scan# 950  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 70    | Resp: | 142468 |
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 57.5  | 45.6  | 68.4   |
| 101       | 9.1   | 8.4   | 12.6   |
| 130       | 16.8  | 17.8  | 26.8#  |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

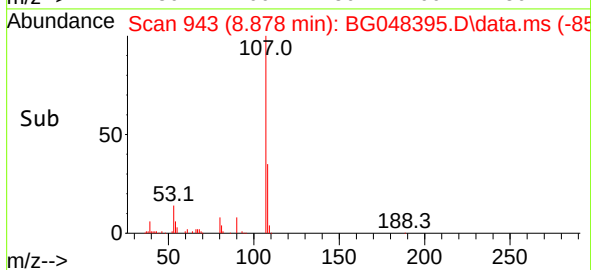
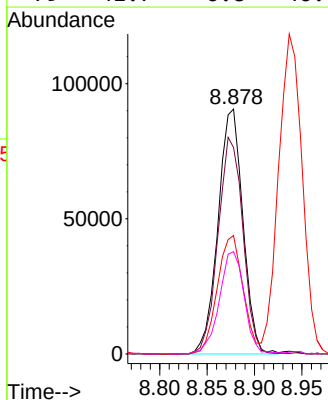
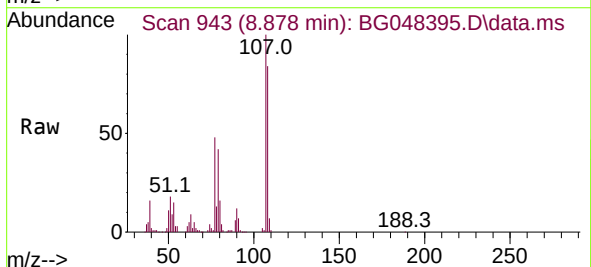
Manual Integrations  
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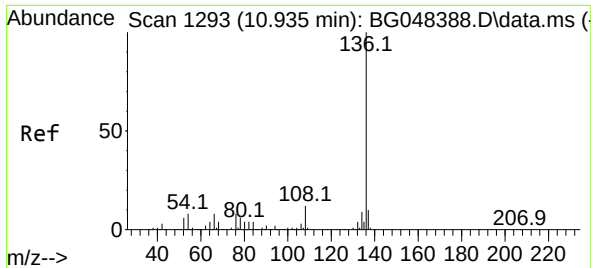
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#20  
3+4-Methylphenols  
Concen: 41.42 ng  
RT: 8.878 min Scan# 943  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

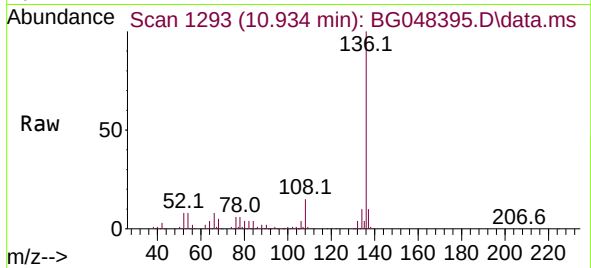
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 165519 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 84.3  | 70.6  | 110.6  |
| 77        | 48.3  | 10.2  | 50.2   |
| 79        | 41.7  | 6.8   | 46.8   |





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.934 min Scan# 1293  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

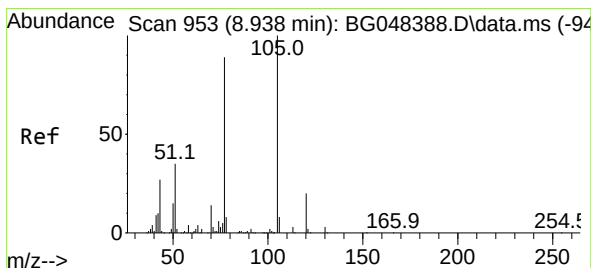
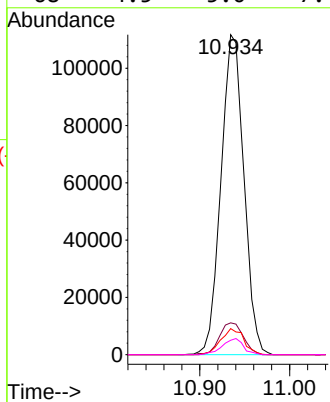
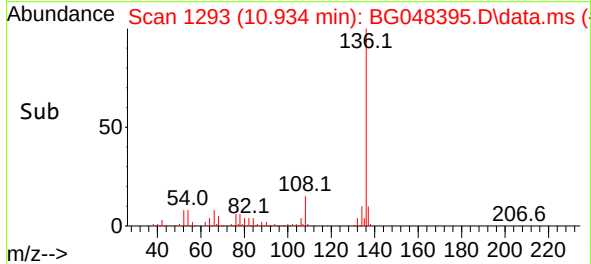
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



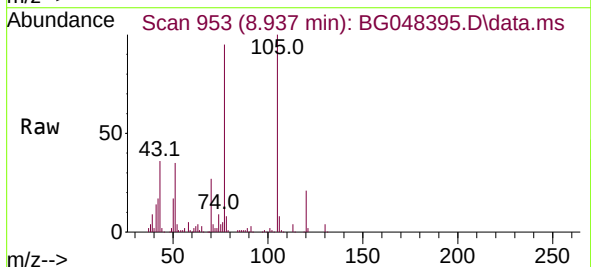
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 197951 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.0  | 9.1   | 13.7   |
| 54        | 8.2   | 6.2   | 9.4    |
| 68        | 4.5   | 5.0   | 7.4#   |

Manual Integrations  
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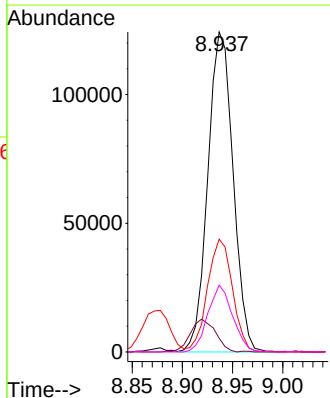
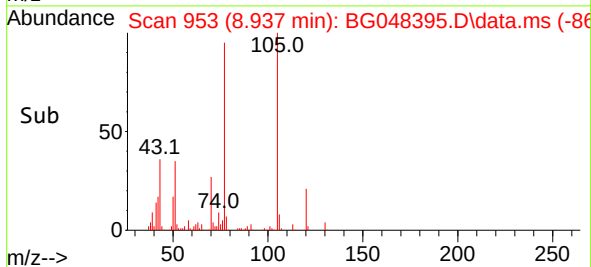
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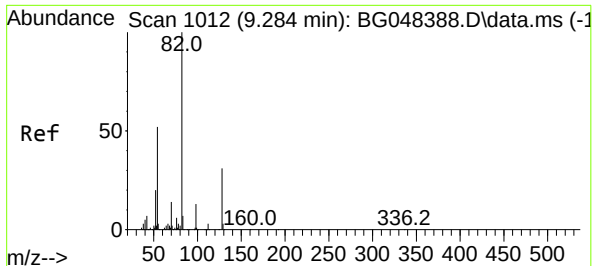


#22  
Acetophenone  
Concen: 38.91 ng  
RT: 8.937 min Scan# 953  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 217705 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 4.3   | 2.7   | 4.1#   |
| 51        | 35.3  | 21.0  | 31.6#  |
| 120       | 20.9  | 19.3  | 28.9   |





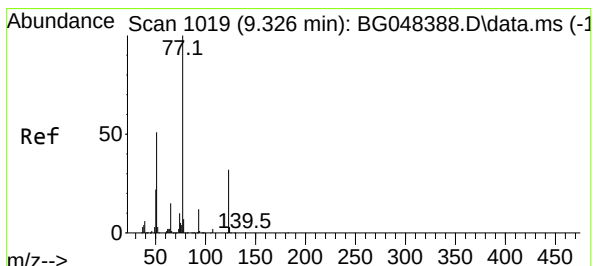
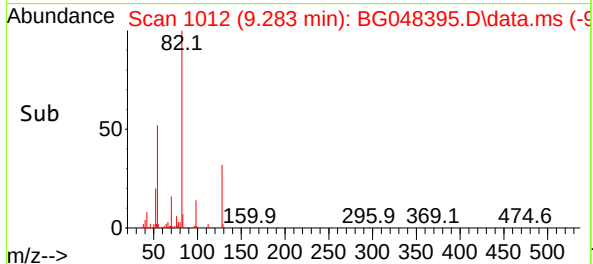
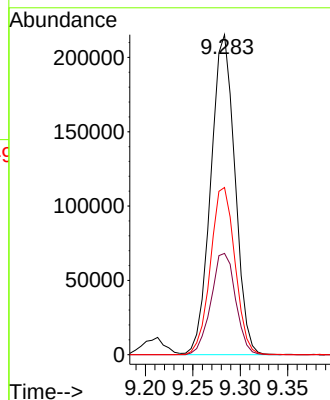
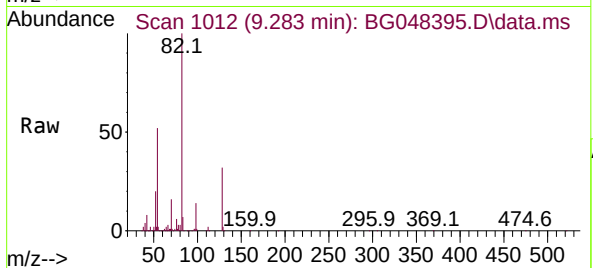
#23  
Nitrobenzene-d5  
Concen: 85.37 ng  
RT: 9.283 min Scan# 1012  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion: 82 Resp: 380339  
Ion Ratio Lower Upper  
82 100  
128 31.6 37.0 55.6#  
54 52.2 39.0 58.4

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

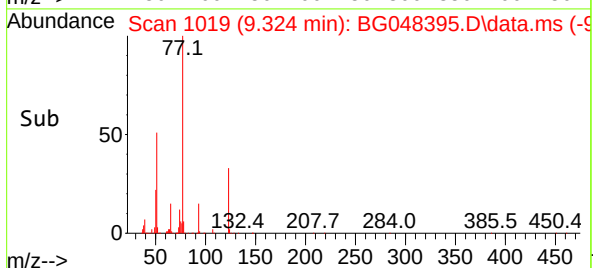
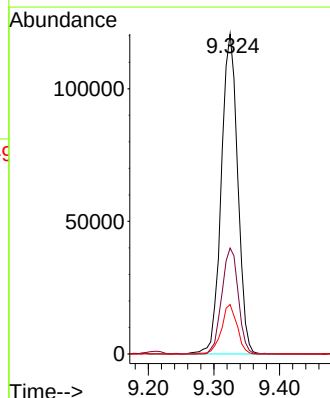
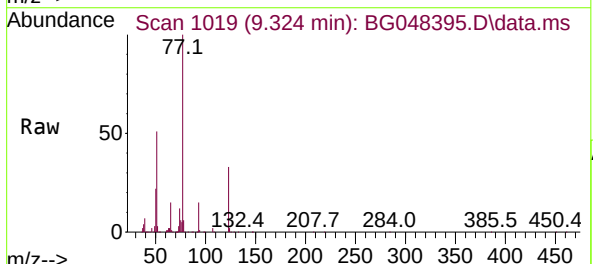
Manual Integrations  
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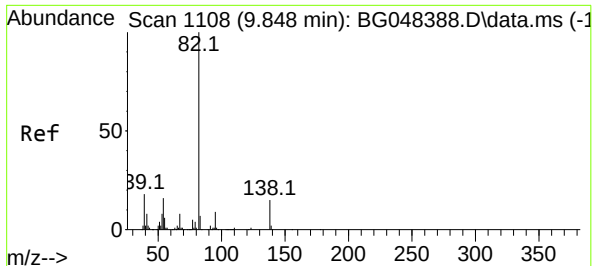
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#24  
Nitrobenzene  
Concen: 43.00 ng  
RT: 9.324 min Scan# 1019  
Delta R.T. -0.002 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion: 77 Resp: 208852  
Ion Ratio Lower Upper  
77 100  
123 33.1 39.7 59.5#  
65 15.5 10.4 15.6





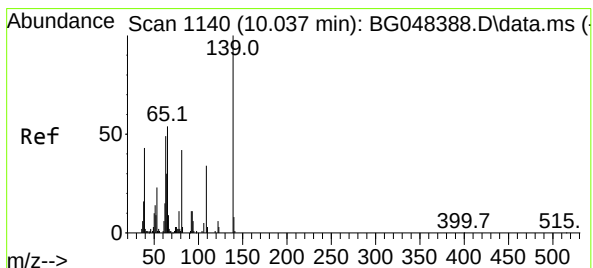
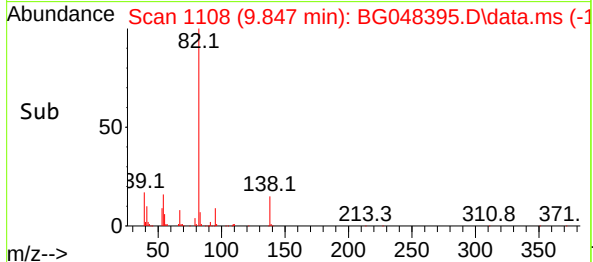
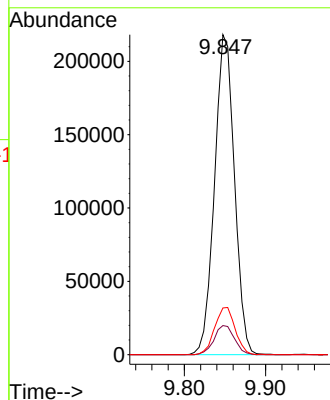
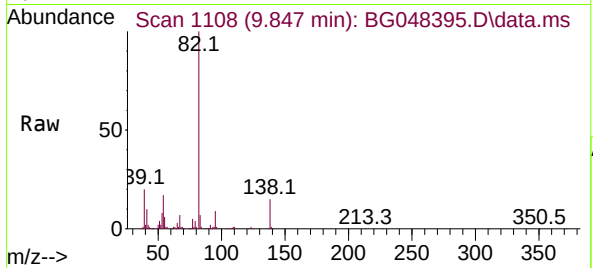
#25  
Isophorone  
Concen: 38.91 ng  
RT: 9.847 min Scan# 1108  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion: 82 Resp: 371920  
Ion Ratio Lower Upper  
82 100  
95 9.1 5.6 8.4#  
138 14.6 15.8 23.6#

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

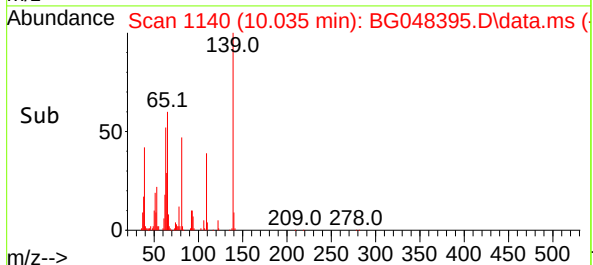
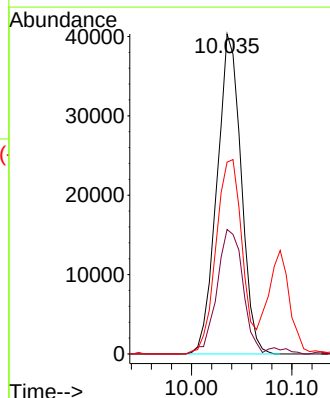
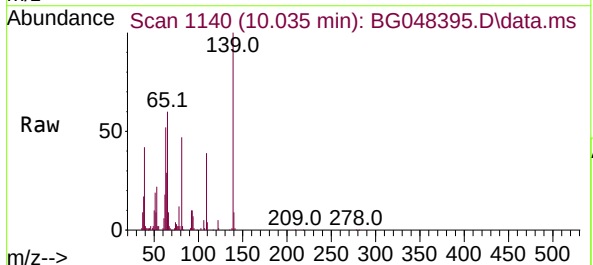
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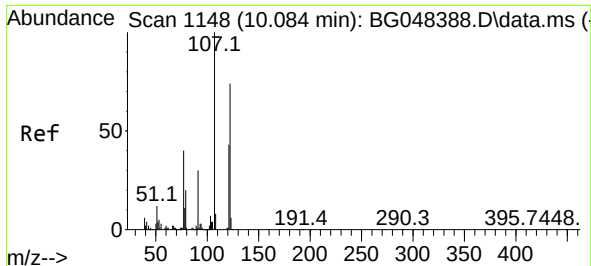


#26  
2-Nitrophenol  
Concen: 44.55 ng  
RT: 10.035 min Scan# 1140  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:139 Resp: 67416  
Ion Ratio Lower Upper  
139 100  
109 38.9 20.7 31.1#  
65 60.0 36.1 54.1#

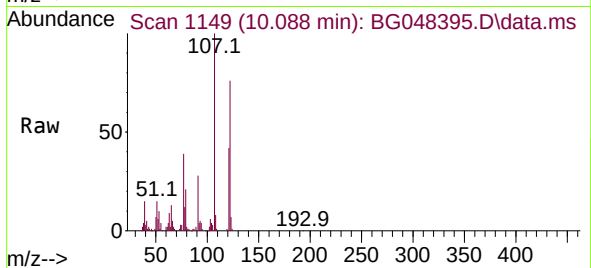






#27  
2,4-Dimethylphenol  
Concen: 41.84 ng  
RT: 10.088 min Scan# 1149  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

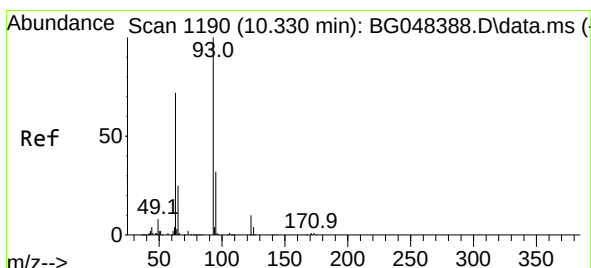
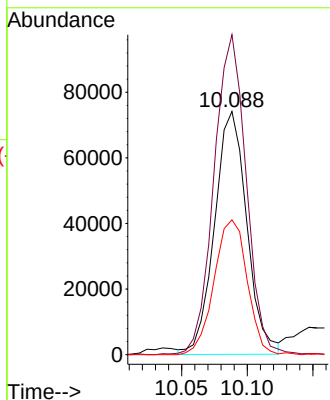
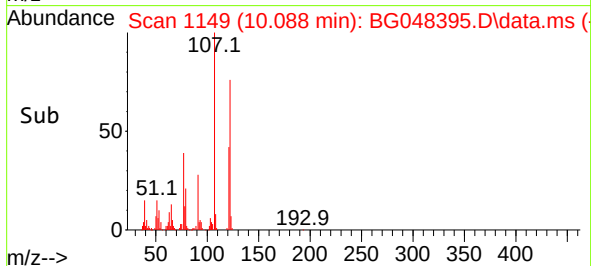
Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040



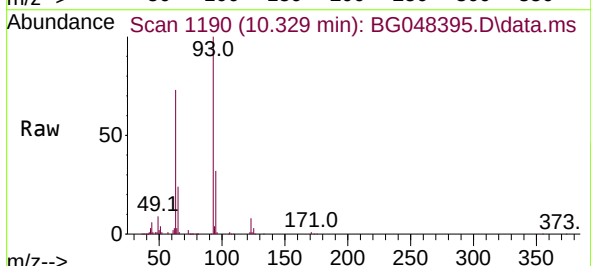
Tgt Ion:122 Resp: 126803  
Ion Ratio Lower Upper  
122 100  
107 131.6 89.2 133.8  
121 55.5 46.9 70.3

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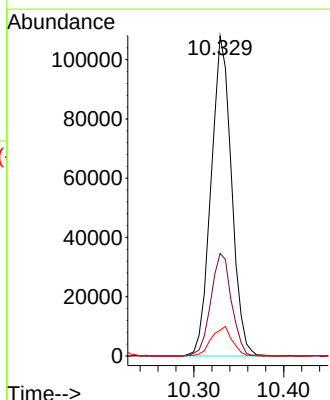
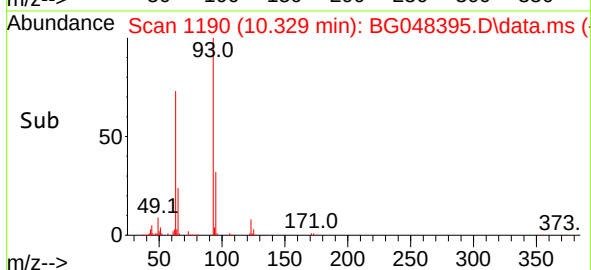
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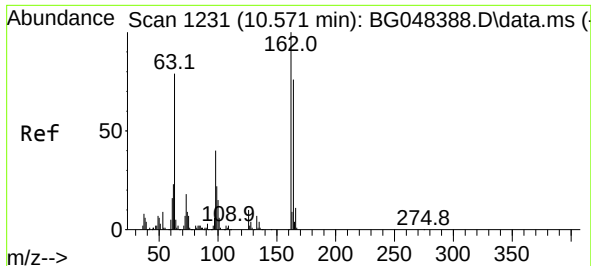


#28  
bis(2-Chloroethoxy)methane  
Concen: 39.68 ng  
RT: 10.329 min Scan# 1190  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



Tgt Ion: 93 Resp: 170364  
Ion Ratio Lower Upper  
93 100  
95 32.1 26.5 39.7  
123 8.0 9.4 14.0#





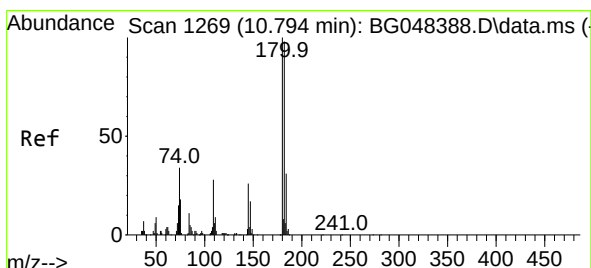
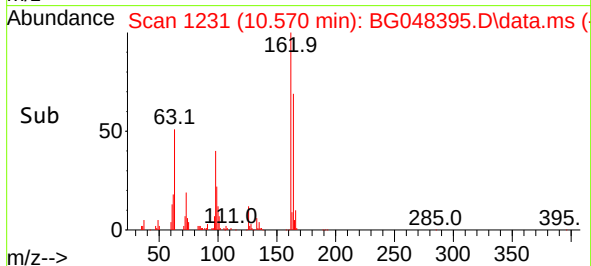
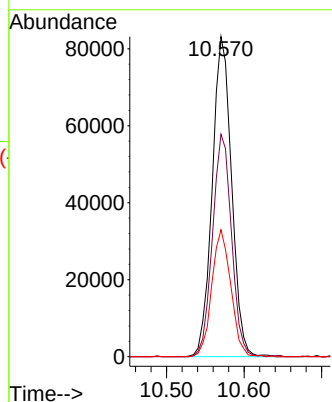
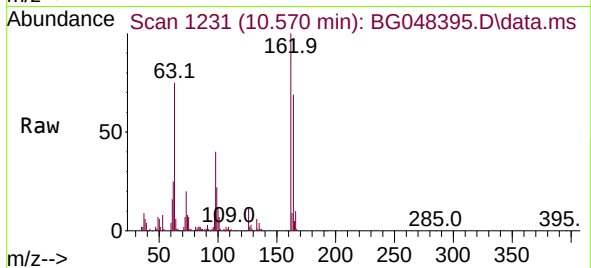
#29  
2,4-Dichlorophenol  
Concen: 44.13 ng  
RT: 10.570 min Scan# 1231  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:162 Resp: 144337  
Ion Ratio Lower Upper  
162 100  
164 69.5 45.6 85.6  
98 39.7 11.0 51.0

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

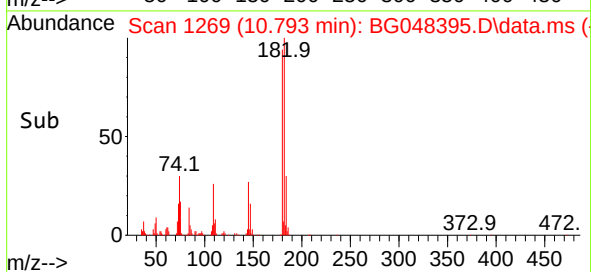
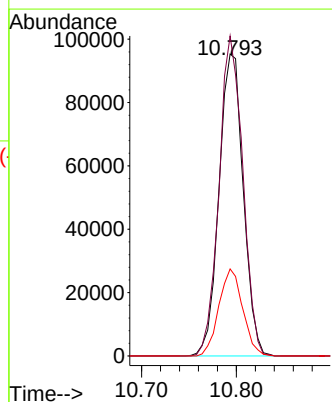
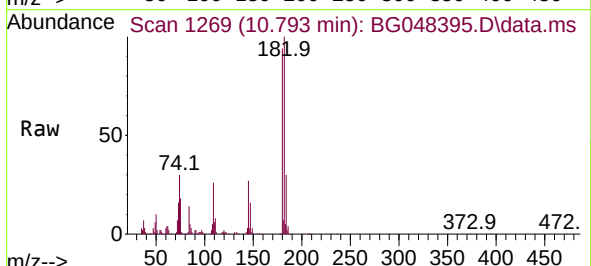
Manual Integrations  
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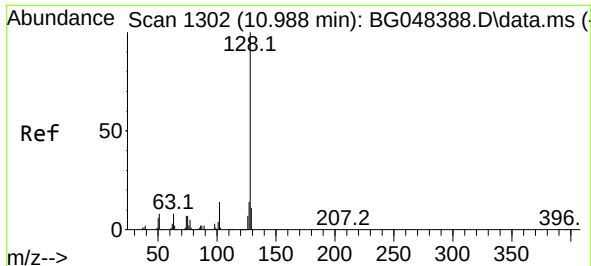
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#30  
1,2,4-Trichlorobenzene  
Concen: 39.77 ng  
RT: 10.793 min Scan# 1269  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:180 Resp: 169679  
Ion Ratio Lower Upper  
180 100  
182 106.0 76.9 115.3  
145 28.8 21.4 32.0





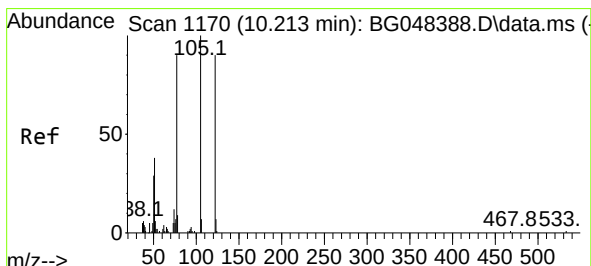
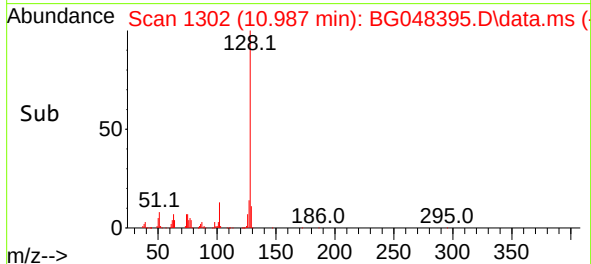
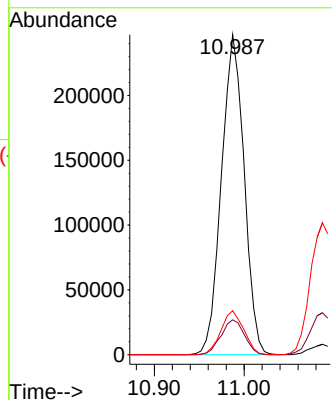
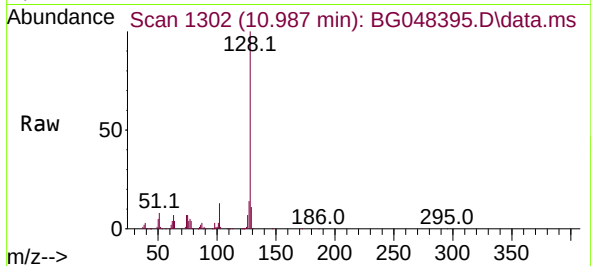
#31  
Naphthalene  
Concen: 40.13 ng  
RT: 10.987 min Scan# 1302  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:128 Resp: 433434  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.6  
127 13.8 11.0 16.4

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

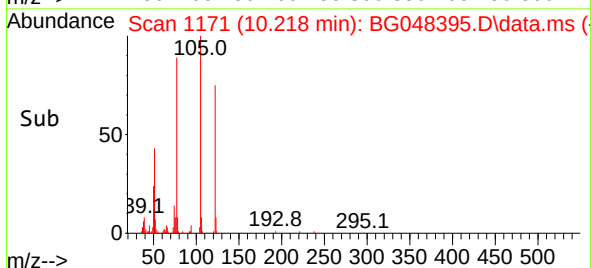
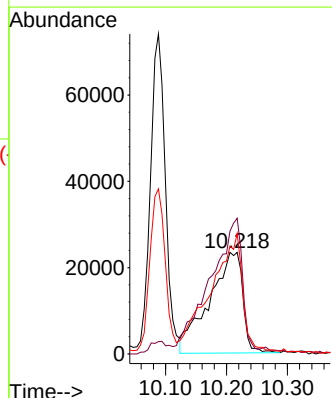
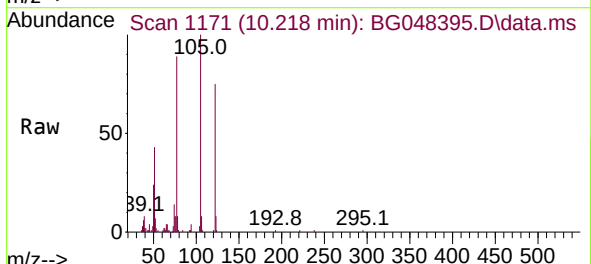
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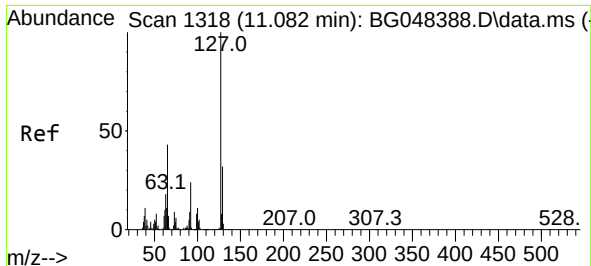
mohammad  
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#32  
Benzoic acid  
Concen: 46.71 ng  
RT: 10.218 min Scan# 1171  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

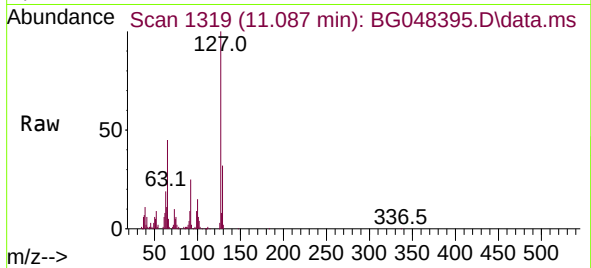
Tgt Ion:122 Resp: 89123  
Ion Ratio Lower Upper  
122 100  
105 133.7 103.7 143.7  
77 118.6 63.0 103.0#





#33  
4-Chloroaniline  
Concen: 40.59 ng  
RT: 11.087 min Scan# 1319  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

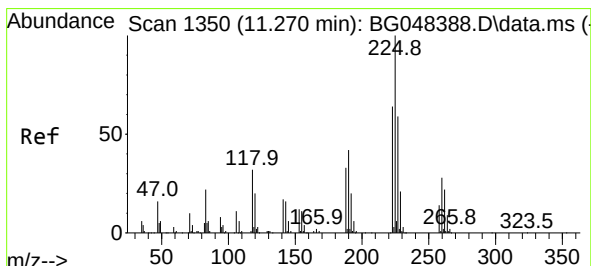
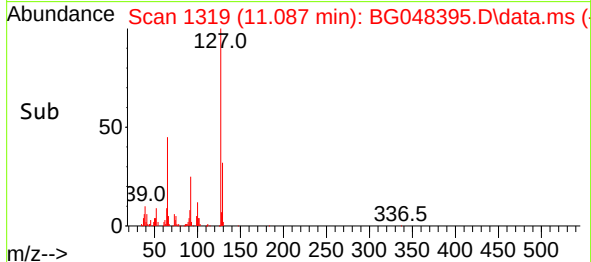
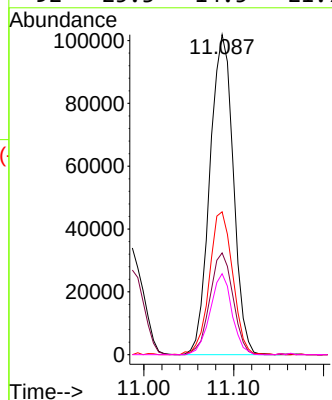
Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040



Tgt Ion:127 Resp: 184289  
Ion Ratio Lower Upper  
127 100  
129 31.8 26.8 40.2  
65 44.6 23.8 35.6#  
92 25.3 14.5 21.7#

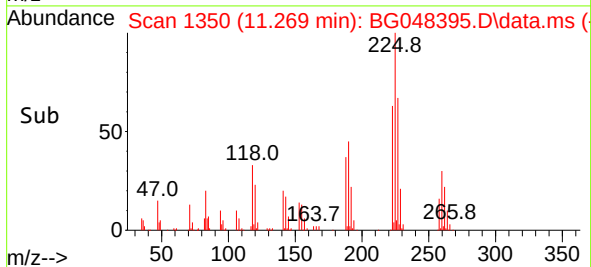
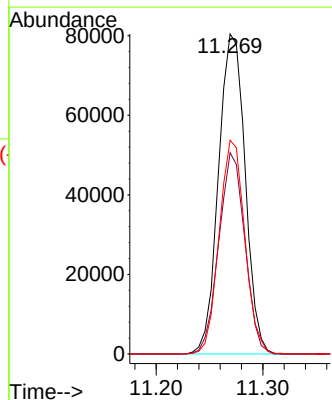
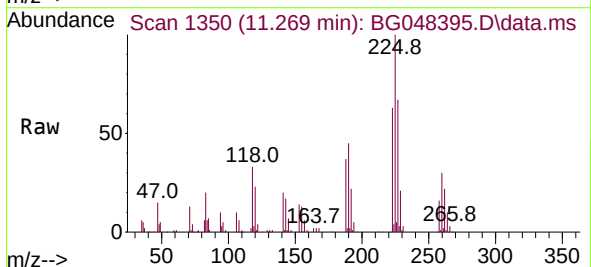
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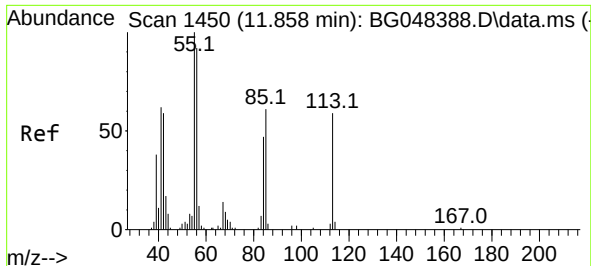
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 41.82 ng  
RT: 11.269 min Scan# 1350  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:225 Resp: 139412  
Ion Ratio Lower Upper  
225 100  
223 62.9 49.5 74.3  
227 66.8 52.0 78.0





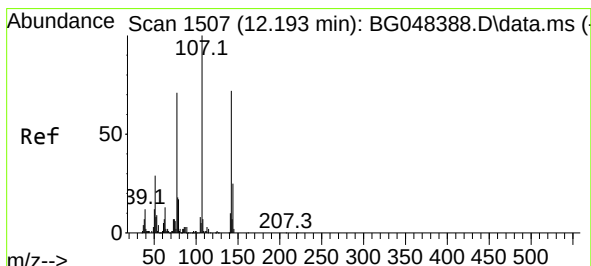
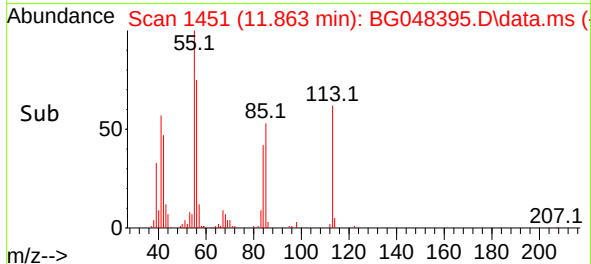
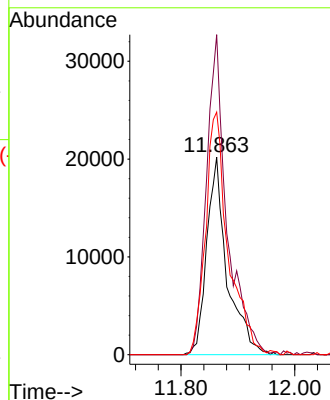
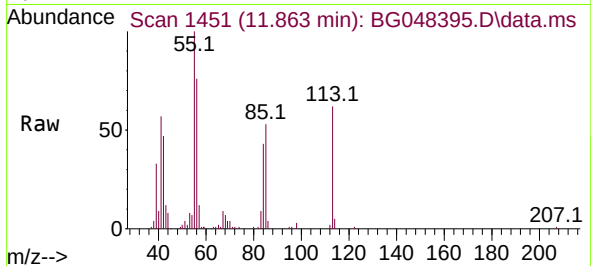
#35  
Caprolactam  
Concen: 45.00 ng  
RT: 11.863 min Scan# 1451  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:113 Resp: 50189  
Ion Ratio Lower Upper  
113 100  
55 162.0 149.2 189.2  
56 122.8 107.2 147.2

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

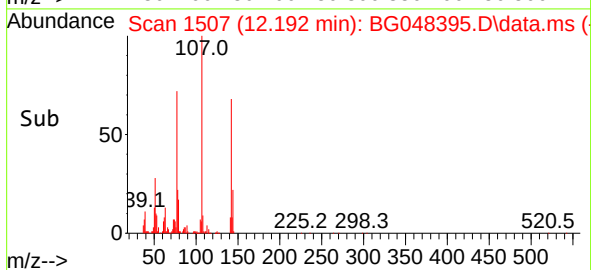
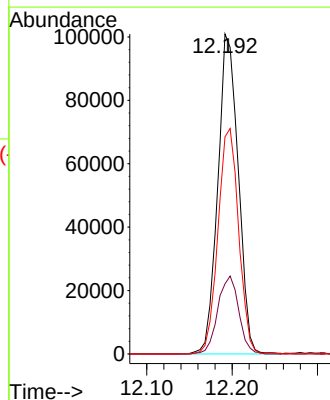
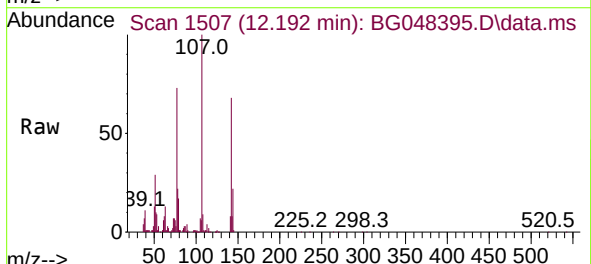
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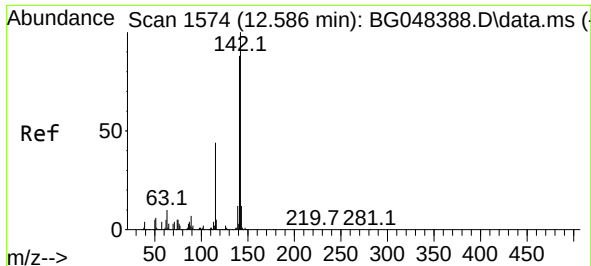
mohammad  
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#36  
4-Chloro-3-methylphenol  
Concen: 42.96 ng  
RT: 12.192 min Scan# 1507  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:107 Resp: 168090  
Ion Ratio Lower Upper  
107 100  
144 21.9 22.5 33.7#  
142 67.9 70.8 106.2#





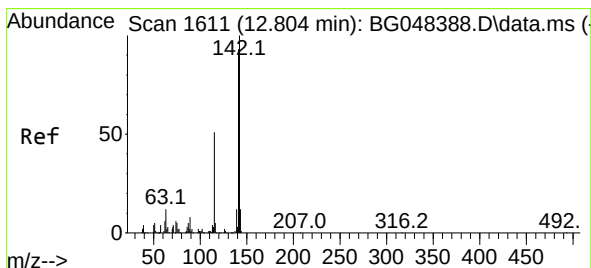
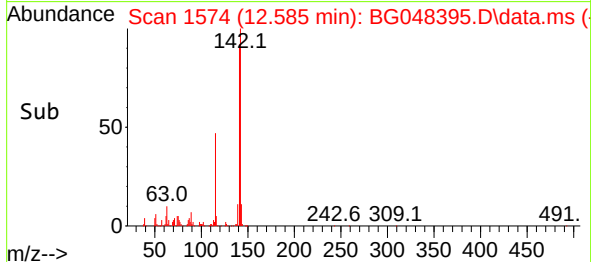
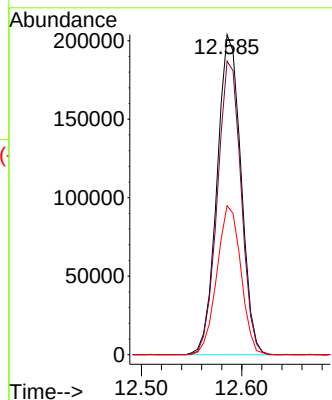
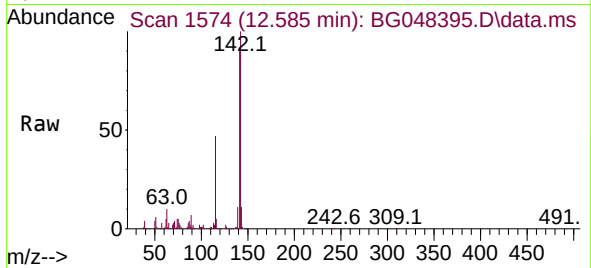
#37  
2-Methylnaphthalene  
Concen: 40.66 ng  
RT: 12.585 min Scan# 1574  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:142 Resp: 336756  
Ion Ratio Lower Upper  
142 100  
141 91.7 71.6 107.4  
115 46.5 25.4 38.2#

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

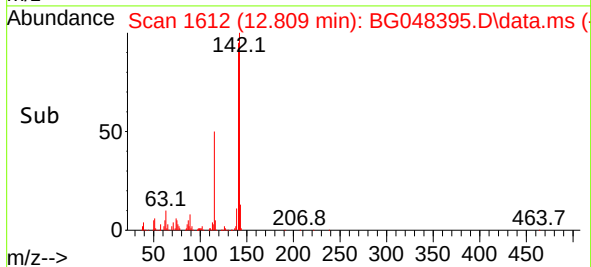
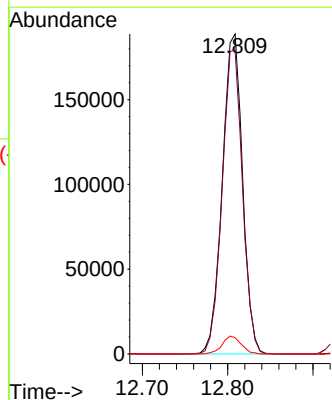
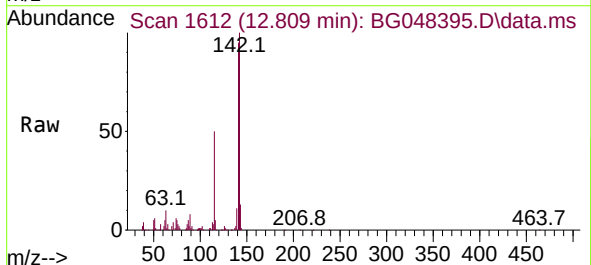
Manual Integrations  
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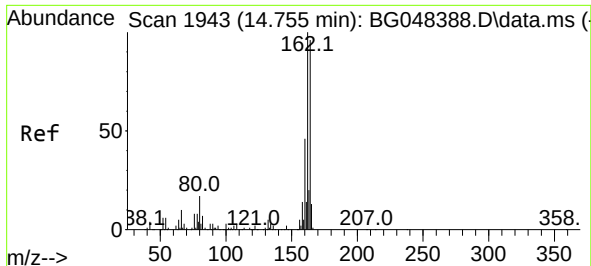
mohammad  
3/18/2021 2:31:32 PM



#38  
1-Methylnaphthalene  
Concen: 39.93 ng  
RT: 12.809 min Scan# 1612  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

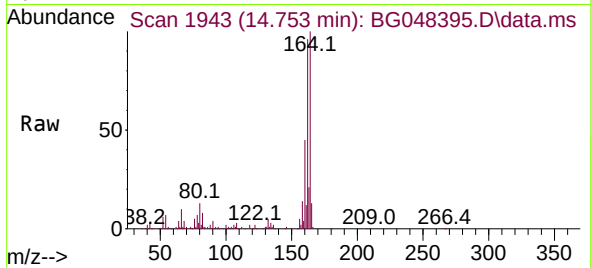
Tgt Ion:142 Resp: 311815  
Ion Ratio Lower Upper  
142 100  
141 95.0 75.4 113.2  
116 5.1 2.9 4.3#





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.753 min Scan# 1943  
Delta R.T. -0.002 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

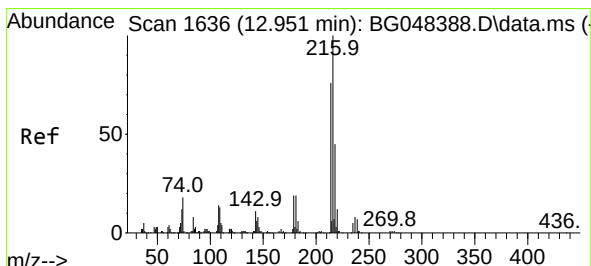
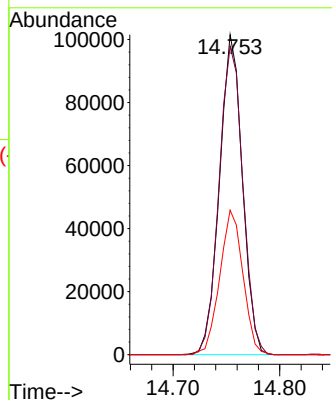
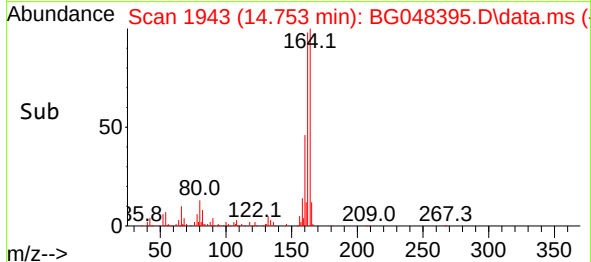
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ClientSampleId :  
SSTDCCC040



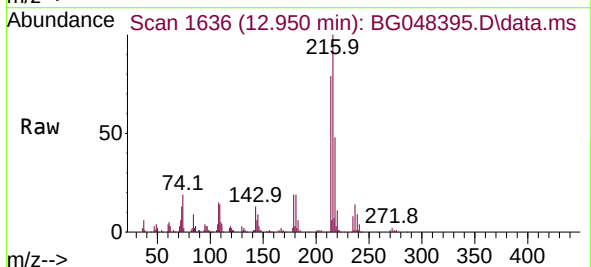
Tgt Ion:164 Resp: 151448  
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164 100  
162 96.5 82.3 123.5  
160 45.1 35.3 52.9

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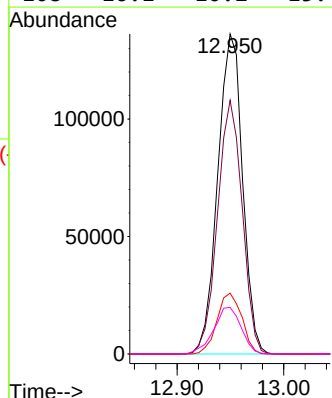
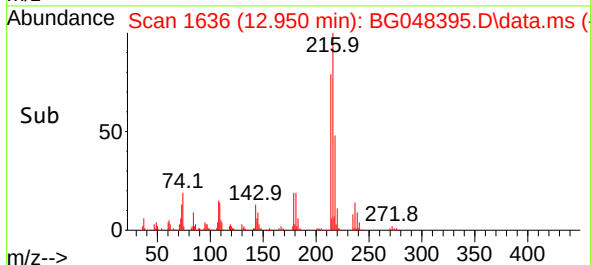
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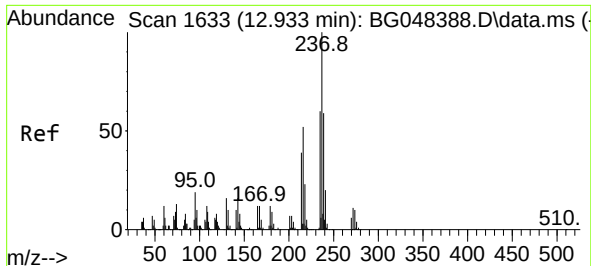


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.23 ng  
RT: 12.950 min Scan# 1636  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



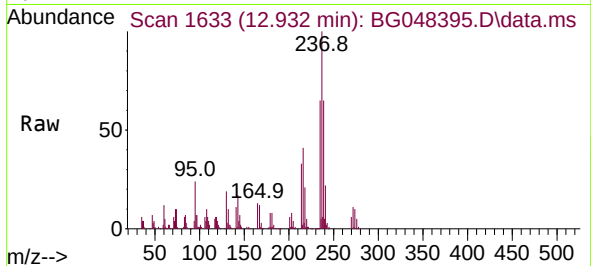
Tgt Ion:216 Resp: 219751  
Ion Ratio Lower Upper  
216 100  
214 78.9 61.9 92.9  
179 19.0 14.8 22.2  
108 16.1 10.2 15.4#





#41  
Hexachlorocyclopentadiene  
Concen: 42.04 ng  
RT: 12.932 min Scan# 1633  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

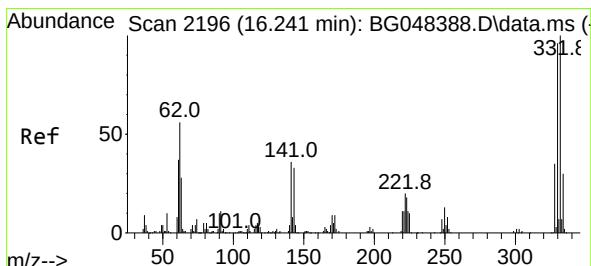
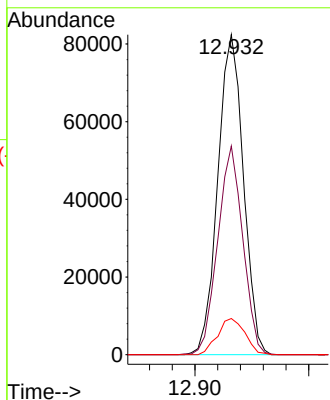
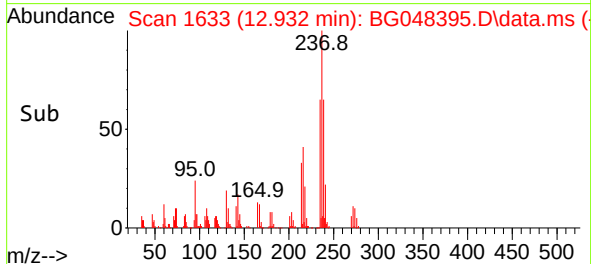
Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040



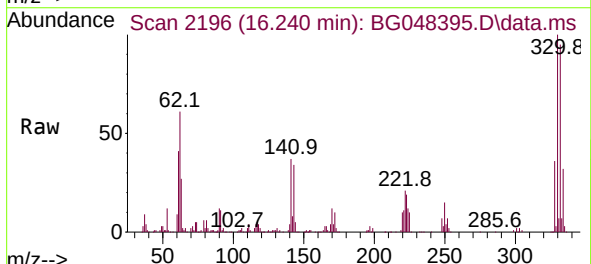
Tgt Ion: 237 Resp: 128875  
Ion Ratio Lower Upper  
237 100  
235 65.2 43.1 83.1  
272 11.3 0.0 33.1

Manual Integrations  
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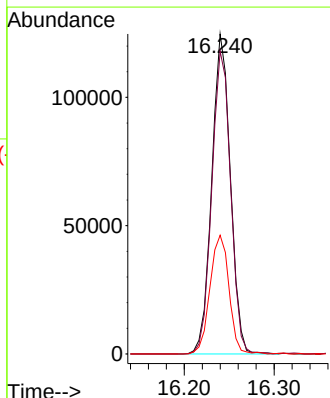
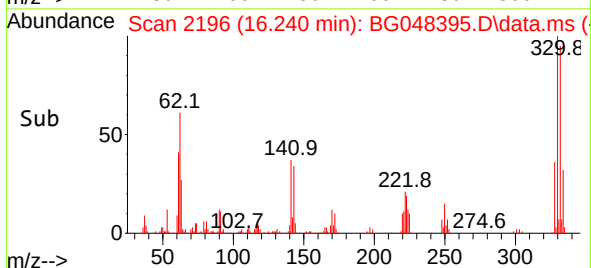
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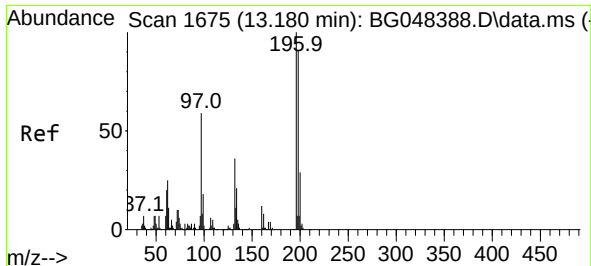
#42  
2,4,6-Tribromophenol  
Concen: 92.72 ng  
RT: 16.240 min Scan# 2196  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



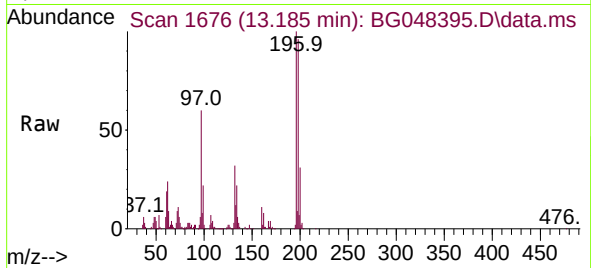
Tgt Ion: 330 Resp: 179662  
Ion Ratio Lower Upper  
330 100  
332 95.4 76.5 114.7  
141 37.9 26.0 39.0



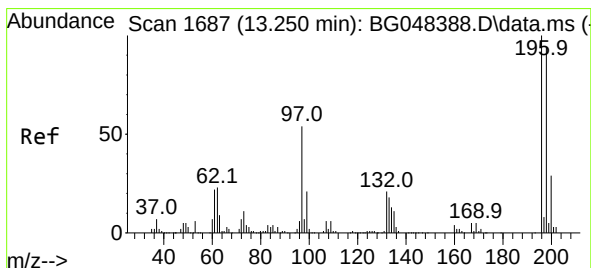
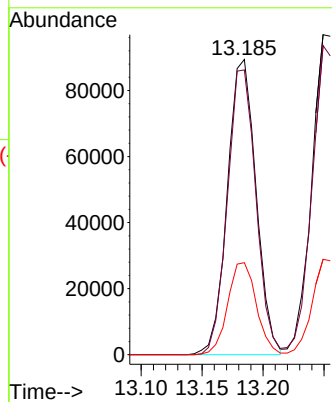
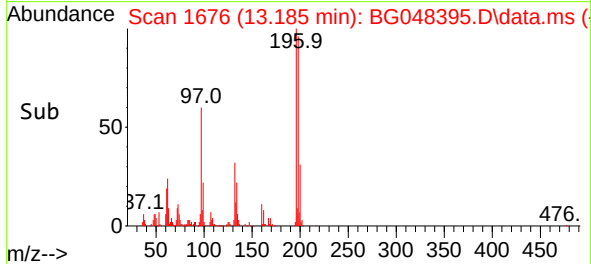




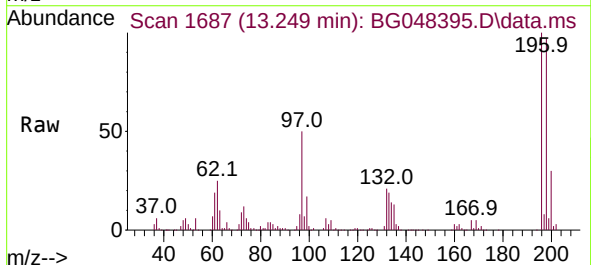
#43  
2,4,6-Trichlorophenol  
Concen: 44.69 ng  
RT: 13.185 min Scan# 1676  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



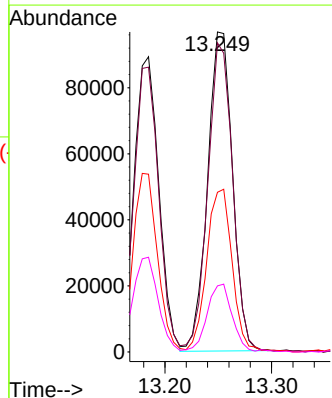
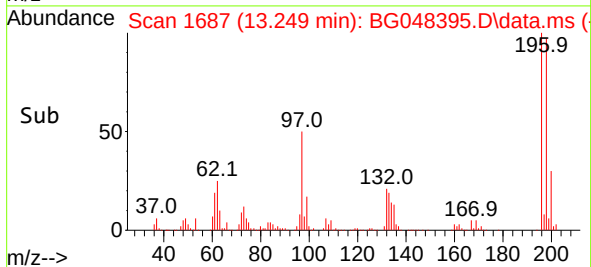
Tgt Ion:196 Resp: 146708  
Ion Ratio Lower Upper  
196 100  
198 96.5 74.9 112.3  
200 31.2 25.3 37.9



#44  
2,4,5-Trichlorophenol  
Concen: 44.10 ng  
RT: 13.249 min Scan# 1687  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



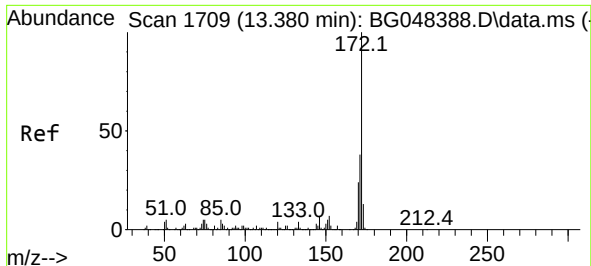
Tgt Ion:196 Resp: 157112  
Ion Ratio Lower Upper  
196 100  
198 96.6 77.6 116.4  
97 49.9 28.6 43.0#  
132 20.7 17.8 26.8



Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Manual Integrations  
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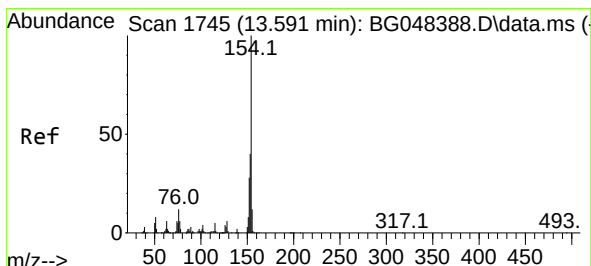
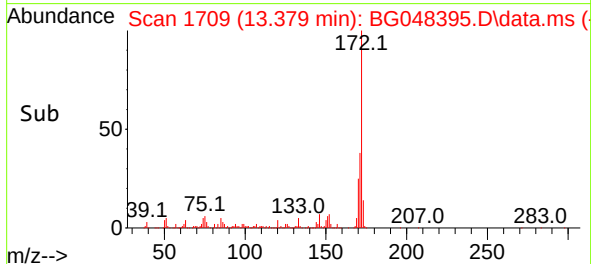
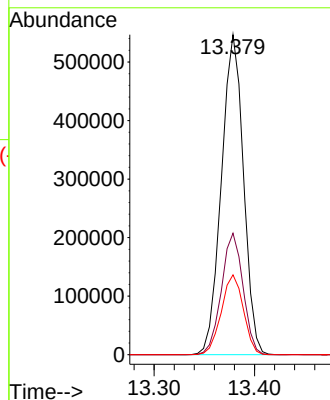
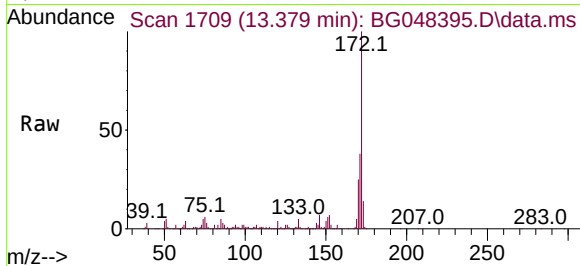
#45  
2-Fluorobiphenyl  
Concen: 77.69 ng  
RT: 13.379 min Scan# 1709  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:172 Resp: 834895  
Ion Ratio Lower Upper  
172 100  
171 38.0 31.3 46.9  
170 25.0 20.8 31.2

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

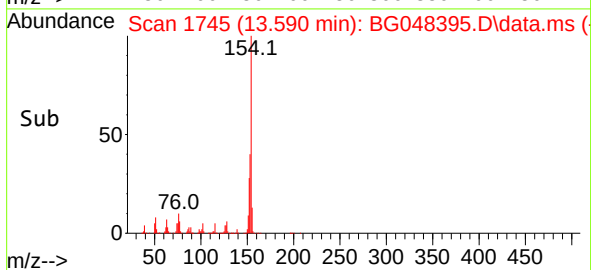
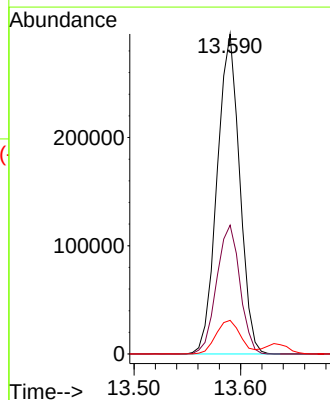
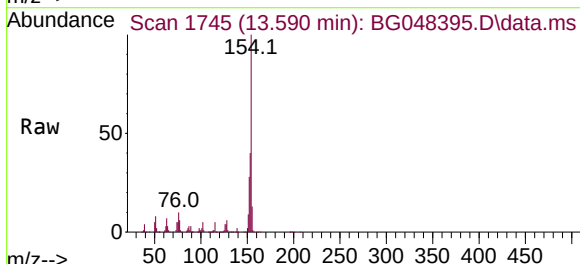
Manual Integrations  
APPROVED

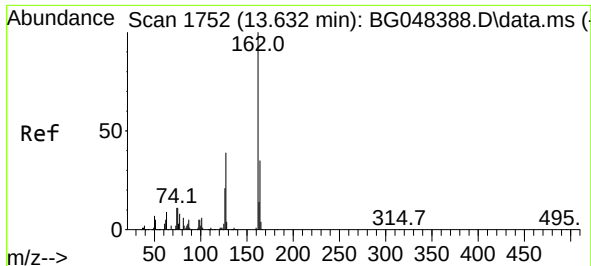
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#46  
1,1'-Biphenyl  
Concen: 39.40 ng  
RT: 13.590 min Scan# 1745  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

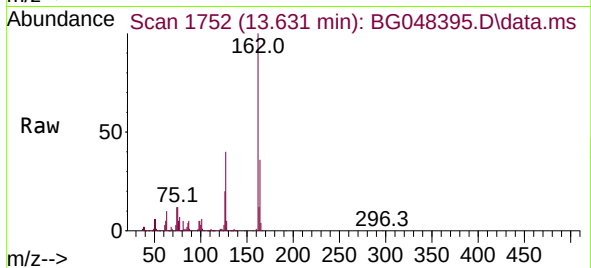
Tgt Ion:154 Resp: 433112  
Ion Ratio Lower Upper  
154 100  
153 40.2 22.6 62.6  
76 10.5 0.0 32.6





#47  
2-Chloronaphthalene  
Concen: 38.88 ng  
RT: 13.631 min Scan# 1752  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

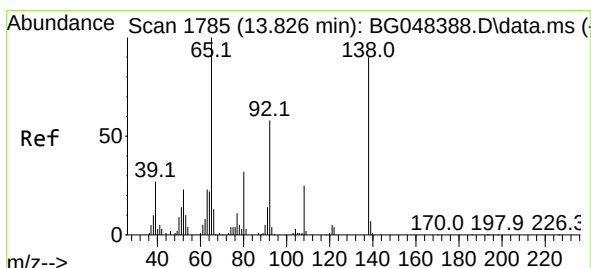
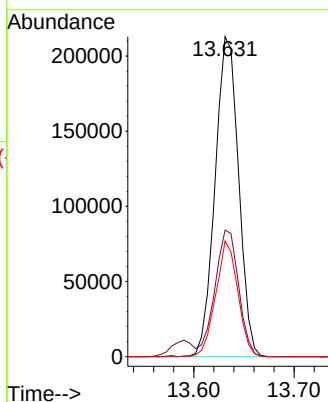
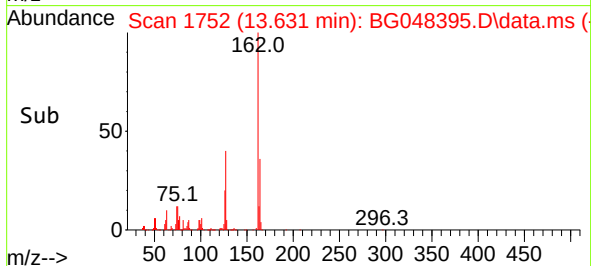
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



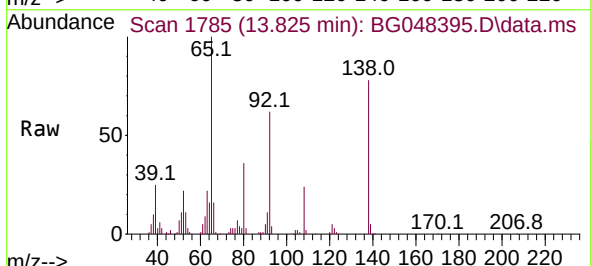
Tgt Ion:162 Resp: 346292  
Ion Ratio Lower Upper  
162 100  
127 39.6 27.8 41.6  
164 36.2 27.0 40.4

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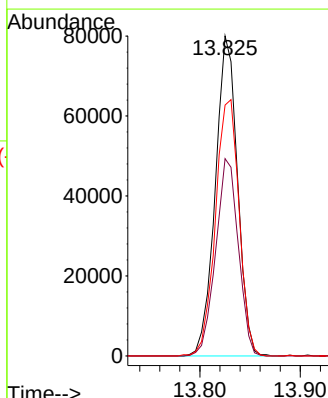
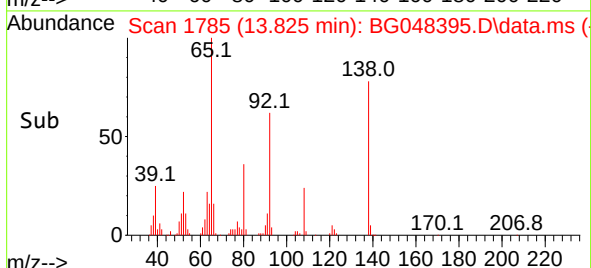
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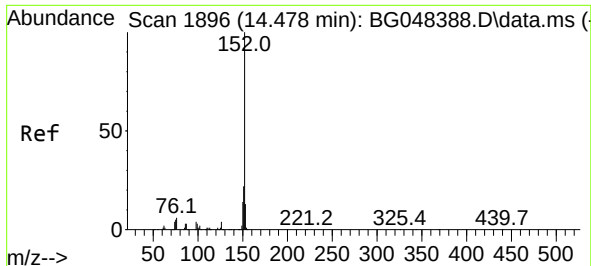


#48  
2-Nitroaniline  
Concen: 42.81 ng  
RT: 13.825 min Scan# 1785  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



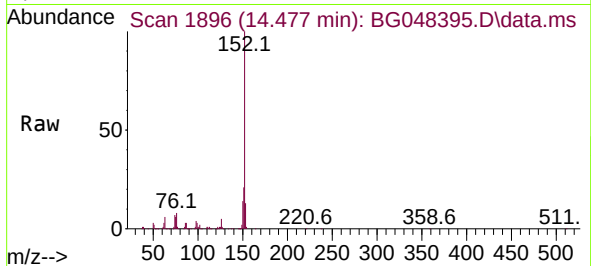
Tgt Ion: 65 Resp: 122640  
Ion Ratio Lower Upper  
65 100  
92 61.7 58.6 88.0  
138 78.4 98.2 147.4#





#49  
Acenaphthylene  
Concen: 39.32 ng  
RT: 14.477 min Scan# 1896  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

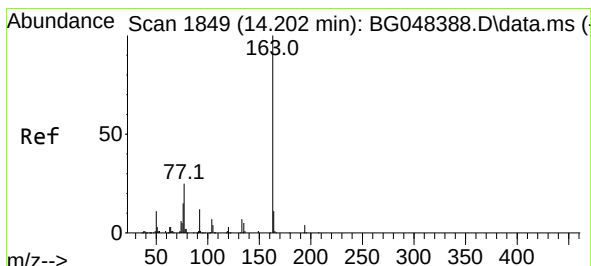
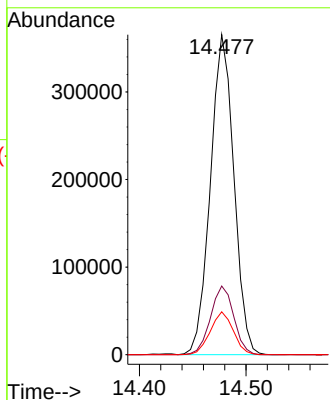
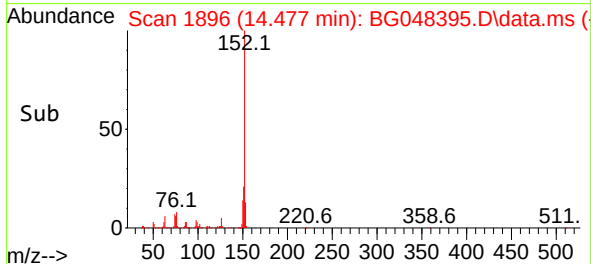
Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040



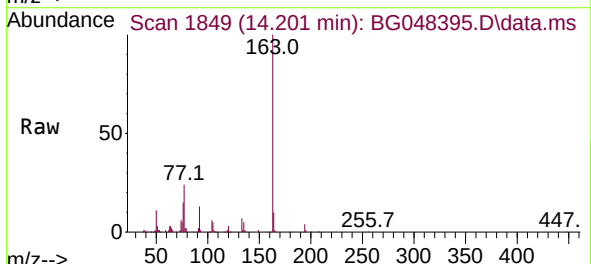
Tgt Ion:152 Resp: 558900  
Ion Ratio Lower Upper  
152 100  
151 21.5 17.4 26.0  
153 13.4 11.5 17.3

Manual Integrations  
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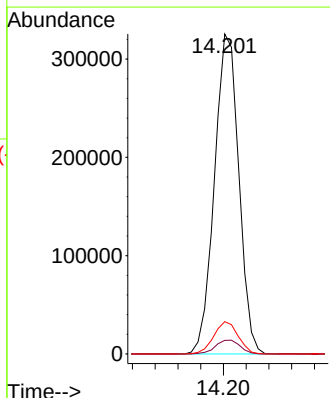
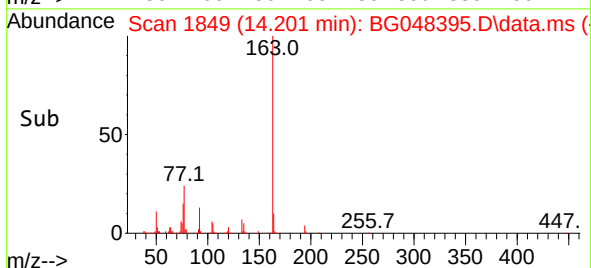
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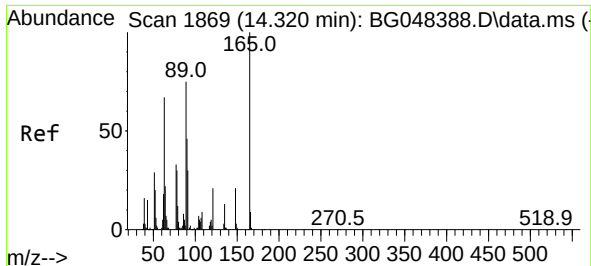


#50  
Dimethylphthalate  
Concen: 41.61 ng  
RT: 14.201 min Scan# 1849  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



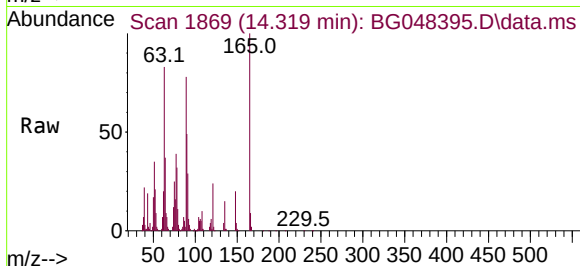
Tgt Ion:163 Resp: 484212  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.8 5.8  
164 10.1 8.8 13.2





#51  
2,6-Dinitrotoluene  
Concen: 45.34 ng  
RT: 14.319 min Scan# 1869  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

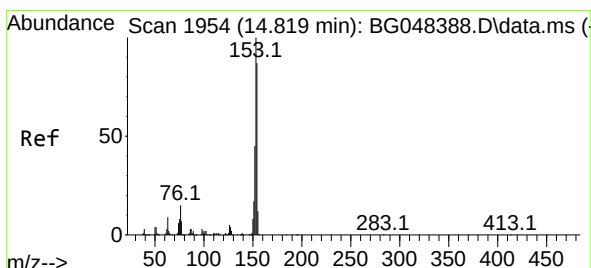
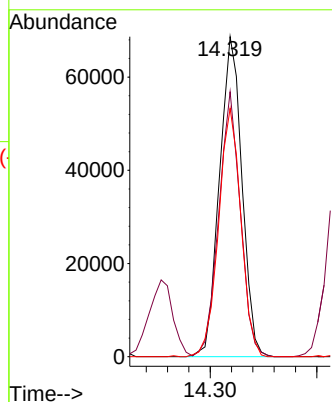
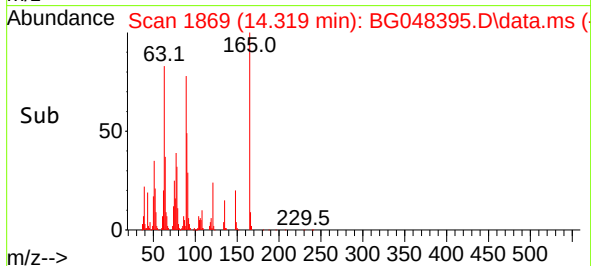
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



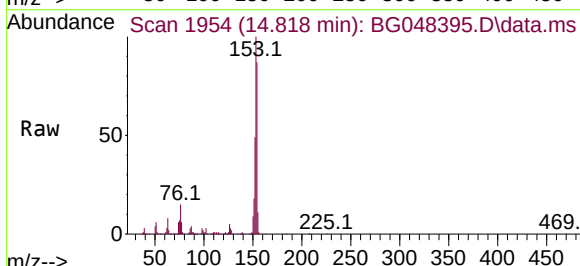
Tgt Ion:165 Resp: 100430  
Ion Ratio Lower Upper  
165 100  
63 82.8 33.7 50.5#  
89 77.6 36.6 54.8#

Manual Integrations  
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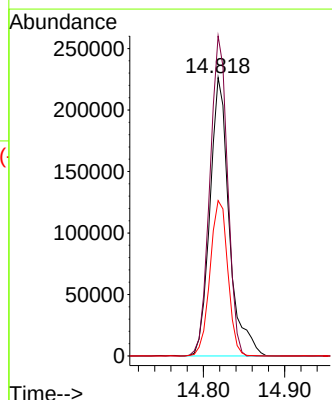
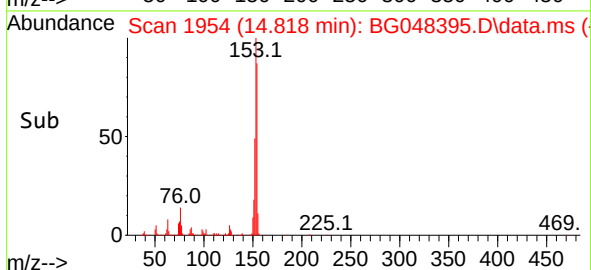
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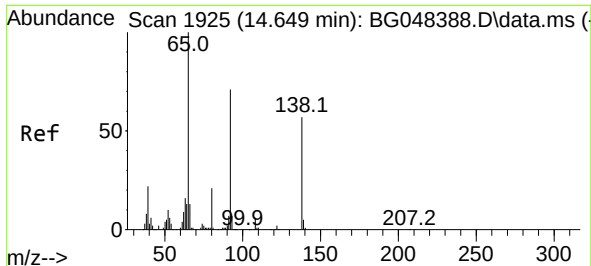


#52  
Acenaphthene  
Concen: 39.76 ng  
RT: 14.818 min Scan# 1954  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



Tgt Ion:154 Resp: 371794  
Ion Ratio Lower Upper  
154 100  
153 114.9 90.3 135.5  
152 55.8 43.8 65.8





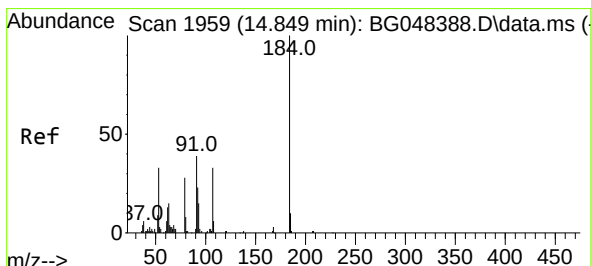
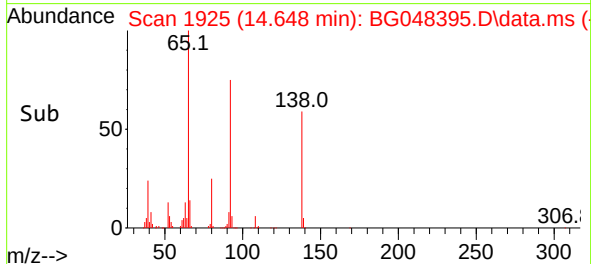
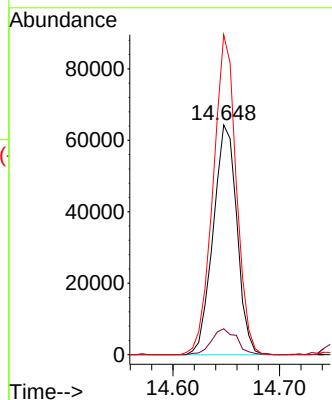
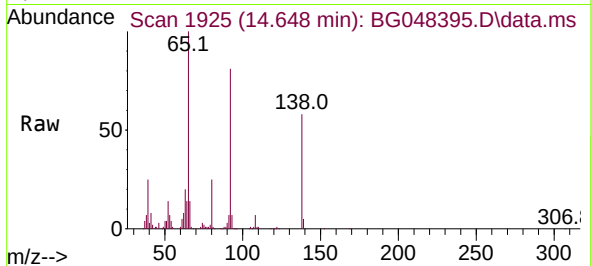
#53  
3-Nitroaniline  
Concen: 43.96 ng  
RT: 14.648 min Scan# 1925  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 108     | 11.3  | 7.4   | 11.0#  |
| 92      | 139.2 | 85.2  | 127.8# |

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

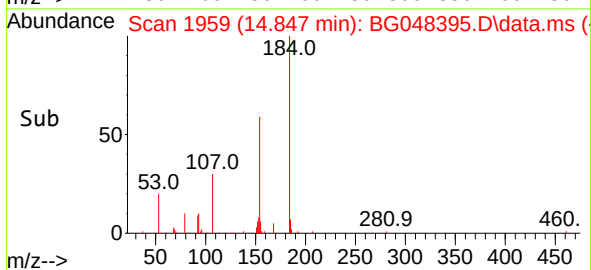
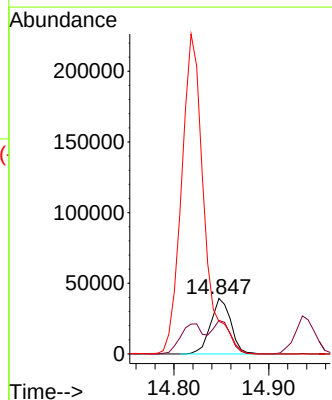
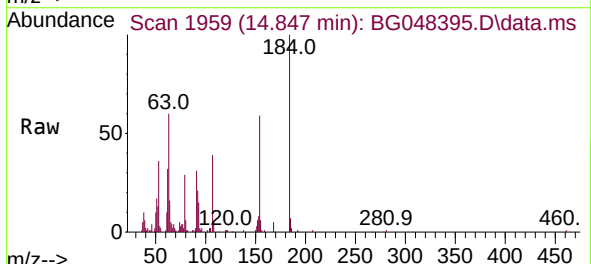
Manual Integrations  
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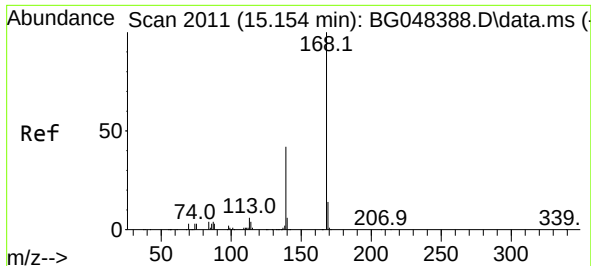
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#54  
2,4-Dinitrophenol  
Concen: 44.33 ng  
RT: 14.847 min Scan# 1959  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

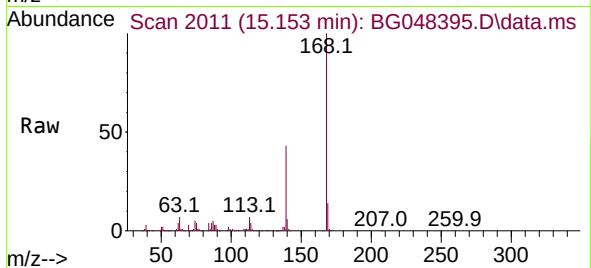
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 60.3  | 32.3  | 48.5# |
| 154     | 58.7  | 40.4  | 60.6  |





#55  
Dibenzofuran  
Concen: 40.03 ng  
RT: 15.153 min Scan# 2011  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

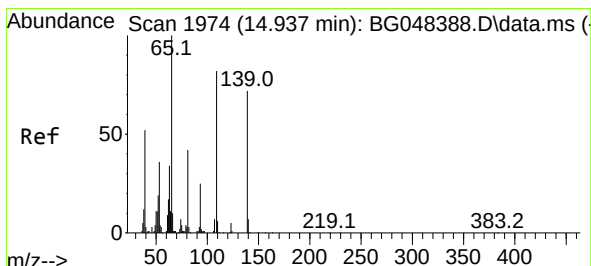
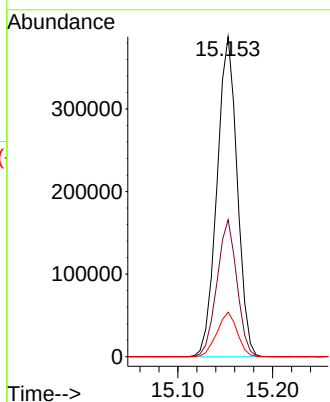
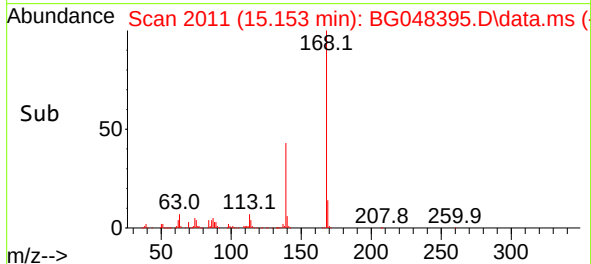
Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040



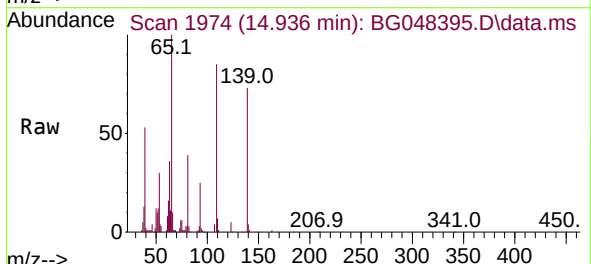
Tgt Ion:168 Resp: 573925  
Ion Ratio Lower Upper  
168 100  
139 42.8 28.6 43.0  
169 13.9 11.0 16.6

Manual Integrations  
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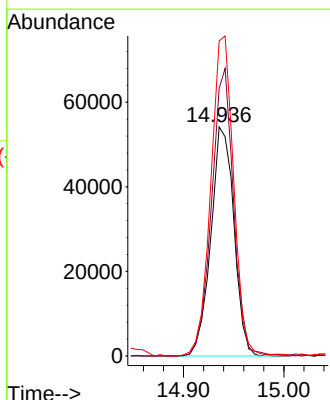
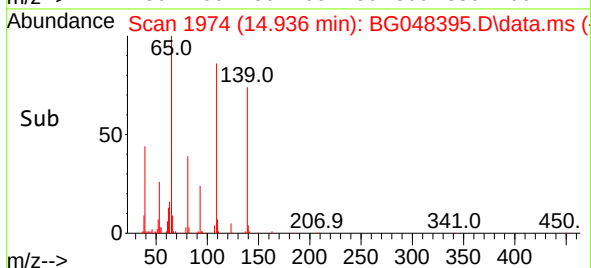
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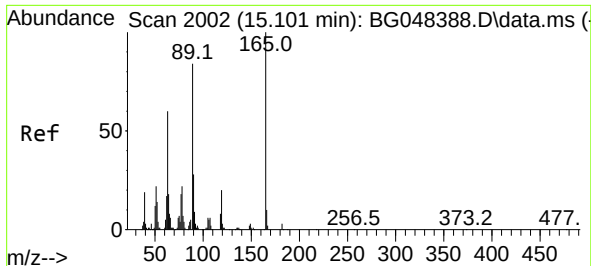


#56  
4-Nitrophenol  
Concen: 44.88 ng  
RT: 14.936 min Scan# 1974  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



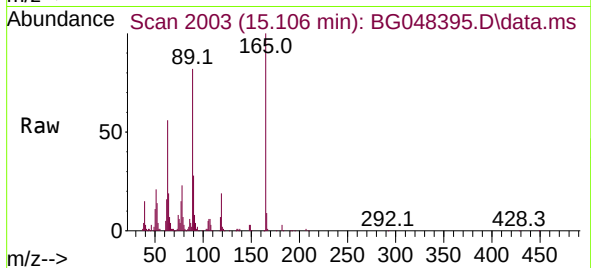
Tgt Ion:139 Resp: 86198  
Ion Ratio Lower Upper  
139 100  
109 116.8 45.9 85.9#  
65 137.5 65.4 105.4#





#57  
2,4-Dinitrotoluene  
Concen: 43.99 ng  
RT: 15.106 min Scan# 2003  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

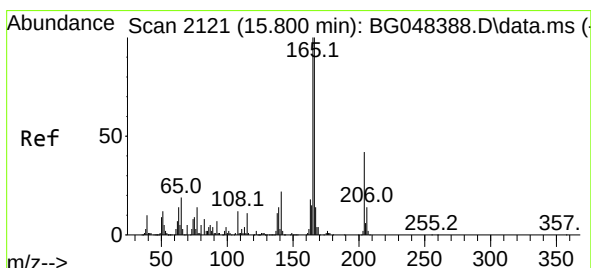
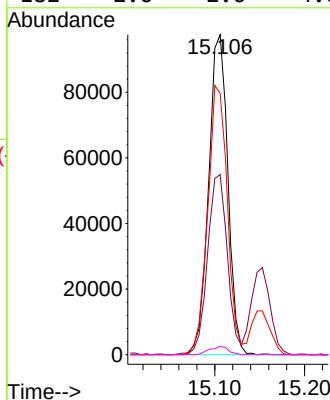
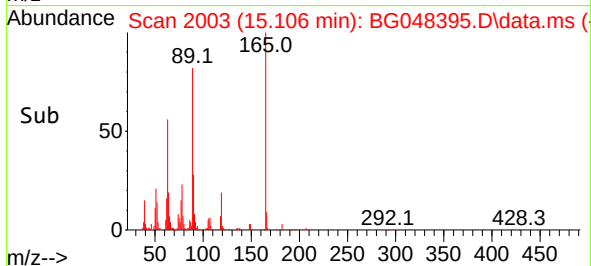
Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040



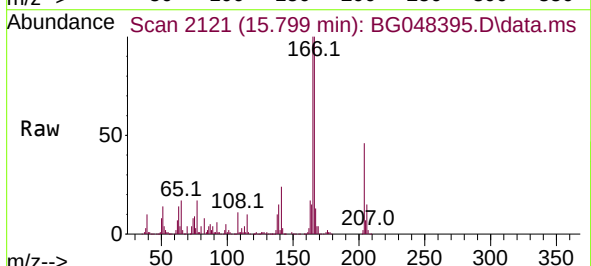
Tgt Ion:165 Resp: 144631  
Ion Ratio Lower Upper  
165 100  
63 56.3 26.4 39.6#  
89 81.6 47.8 71.8#  
182 2.6 2.6 4.0#

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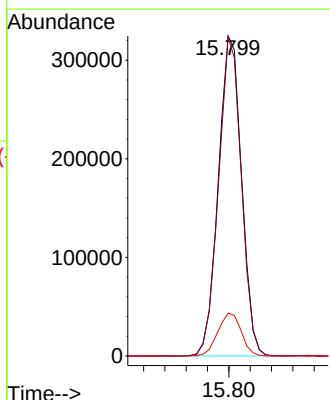
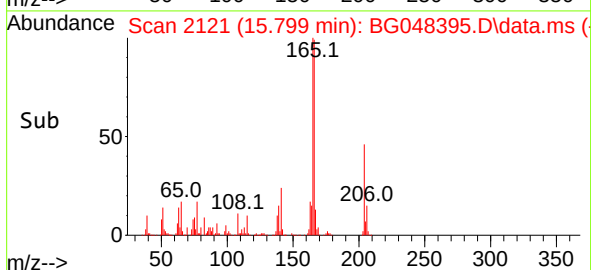
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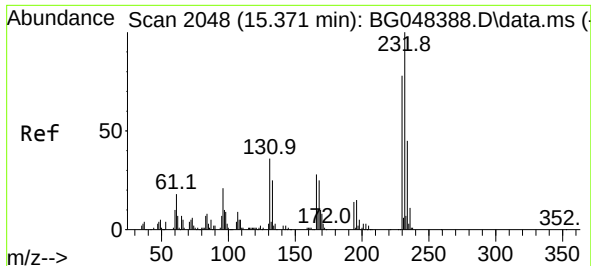
#58  
Fluorene  
Concen: 40.83 ng  
RT: 15.799 min Scan# 2121  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



Tgt Ion:166 Resp: 489570  
Ion Ratio Lower Upper  
166 100  
165 99.5 77.2 115.8  
167 13.4 11.4 17.2







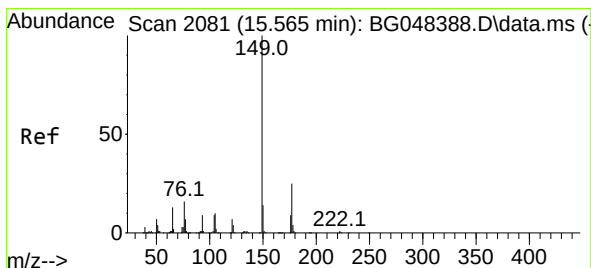
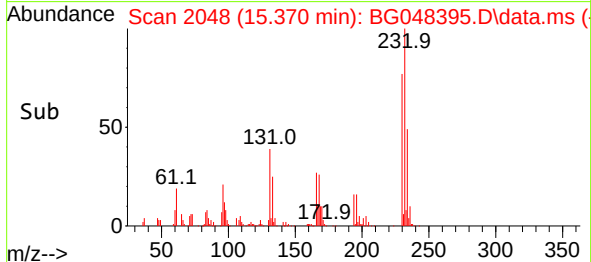
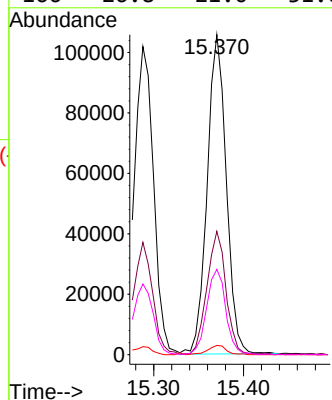
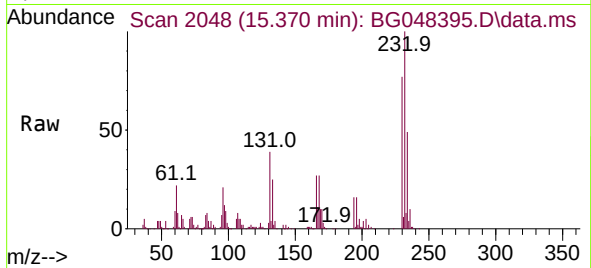
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.34 ng  
RT: 15.370 min Scan# 2048  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 155984 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 38.9  | 26.6  | 40.0   |
| 130       | 2.8   | 1.4   | 2.0#   |
| 166       | 26.8  | 21.0  | 31.6   |

Instrument :  
BNA\_G  
ClientSampled :  
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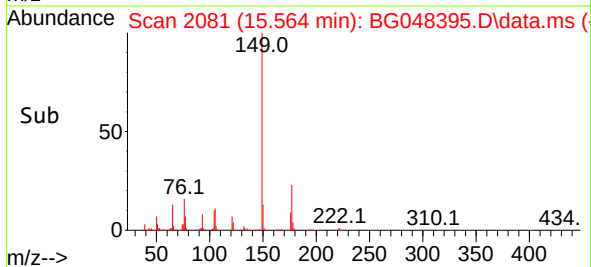
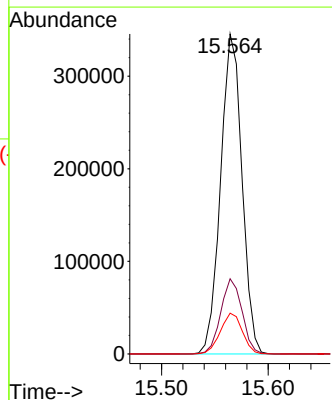
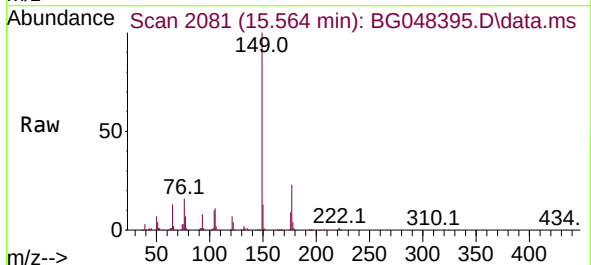
Manual Integrations  
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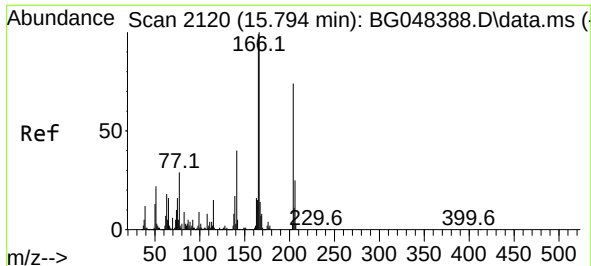
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#60  
Diethylphthalate  
Concen: 42.61 ng  
RT: 15.564 min Scan# 2081  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 480355 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 23.5  | 21.4  | 32.2   |
| 150       | 12.8  | 10.7  | 16.1   |





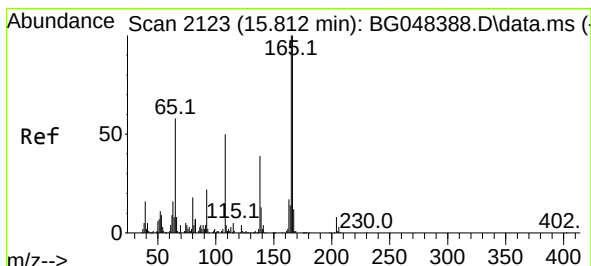
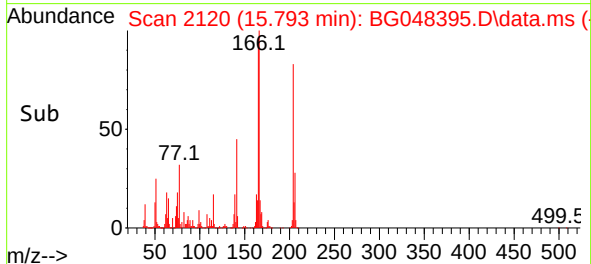
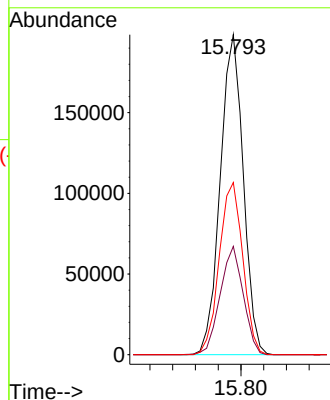
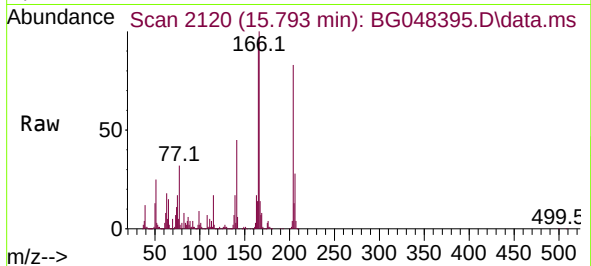
#61  
4-Chlorophenyl-phenylether  
Concen: 40.49 ng  
RT: 15.793 min Scan# 2120  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:204 Resp: 278966  
Ion Ratio Lower Upper  
204 100  
206 33.9 27.8 41.8  
141 53.8 41.5 62.3

Instrument :  
BNA\_G  
ClientSampled :  
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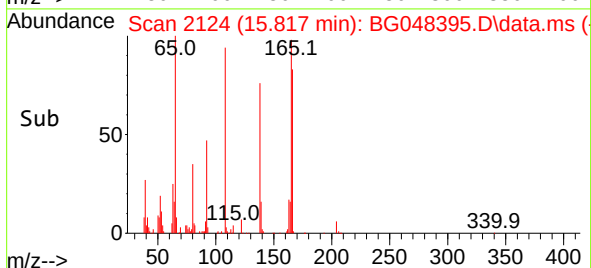
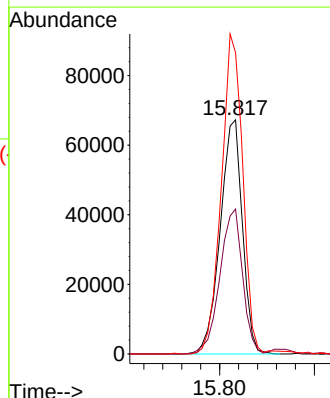
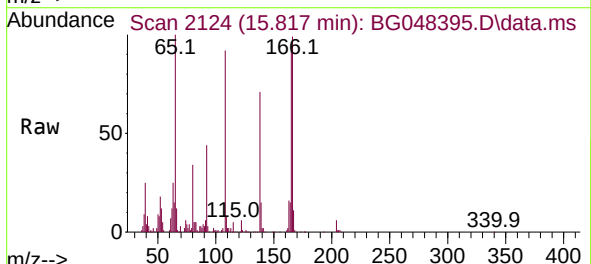
Manual Integrations  
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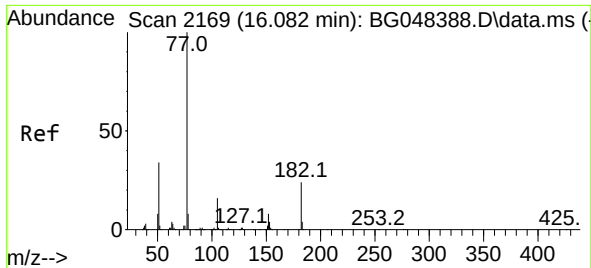
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#62  
4-Nitroaniline  
Concen: 44.58 ng  
RT: 15.817 min Scan# 2124  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

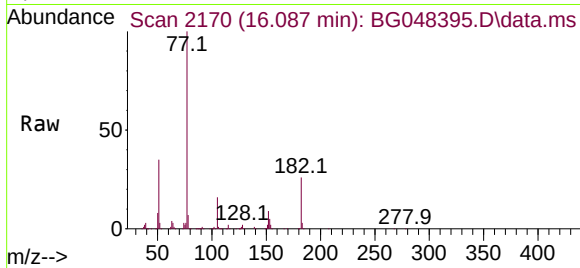
Tgt Ion:138 Resp: 109401  
Ion Ratio Lower Upper  
138 100  
92 61.9 26.9 66.9  
108 128.6 49.4 89.4#





#63  
Azobenzene  
Concen: 39.32 ng  
RT: 16.087 min Scan# 2170  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

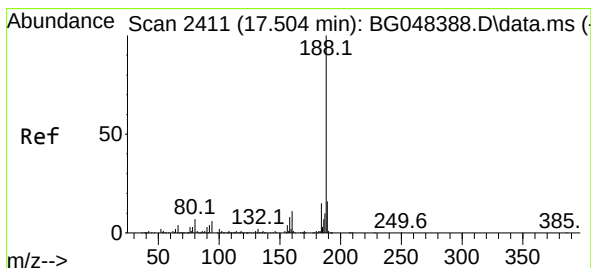
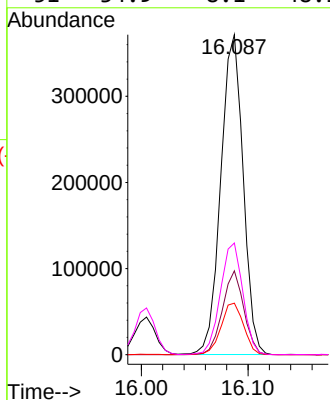
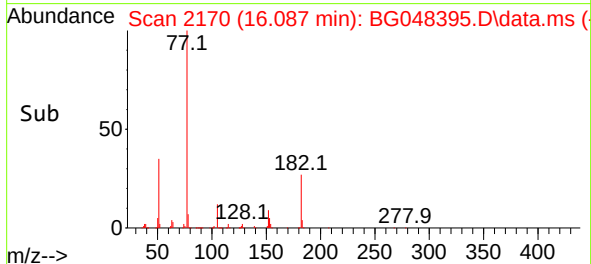
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



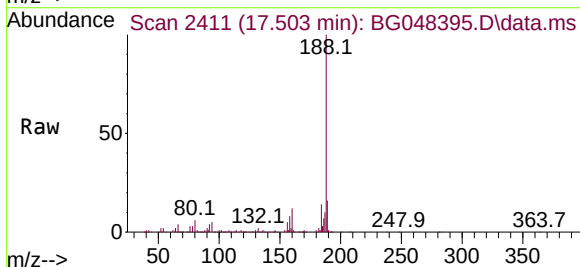
Tgt Ion: 77 Resp: 540141  
Ion Ratio Lower Upper  
77 100  
182 26.2 14.0 54.0  
105 16.1 3.0 43.0  
51 34.9 8.1 48.1

Manual Integrations  
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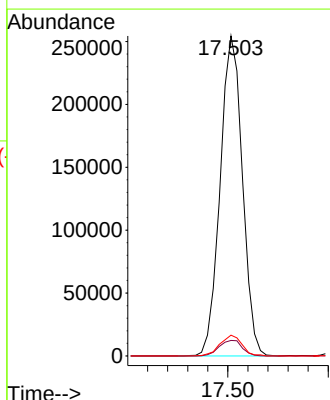
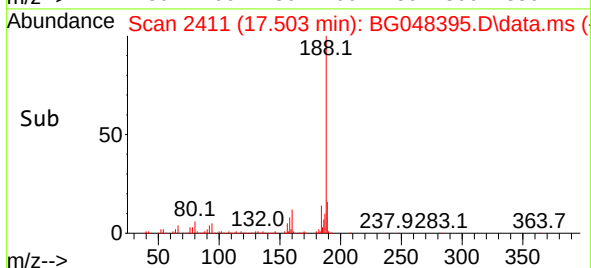
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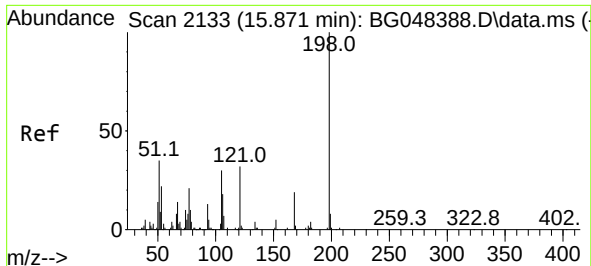


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.503 min Scan# 2411  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



Tgt Ion: 188 Resp: 391186  
Ion Ratio Lower Upper  
188 100  
94 4.9 6.3 9.5#  
80 6.5 7.0 10.6#





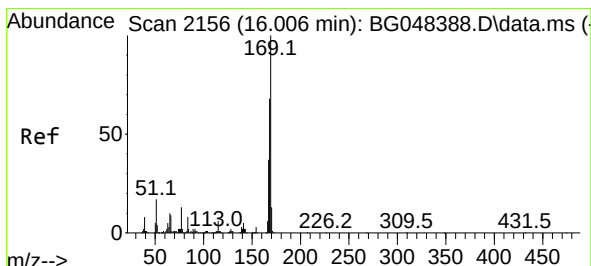
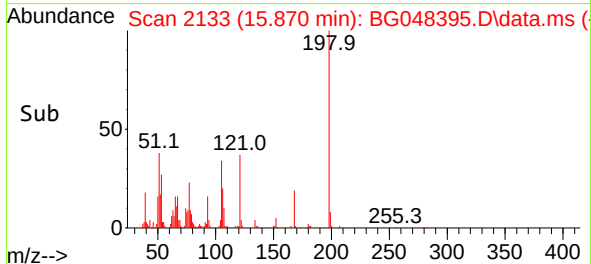
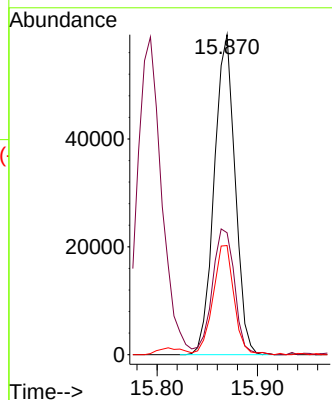
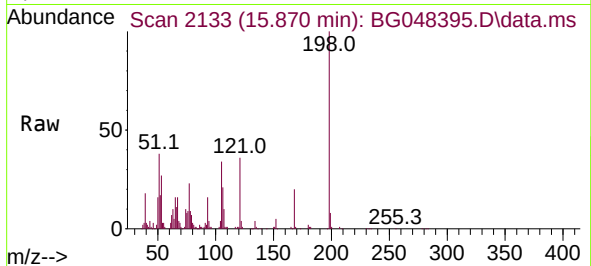
#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.98 ng  
RT: 15.870 min Scan# 2133  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 38.1  | 10.4  | 50.4  |
| 105     | 34.1  | 12.9  | 52.9  |

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

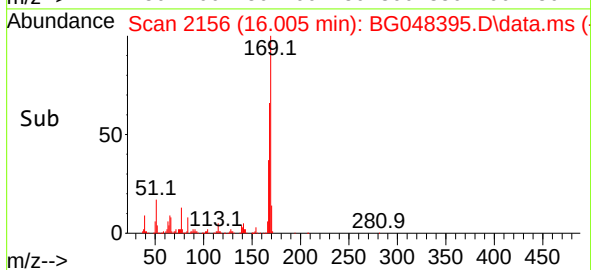
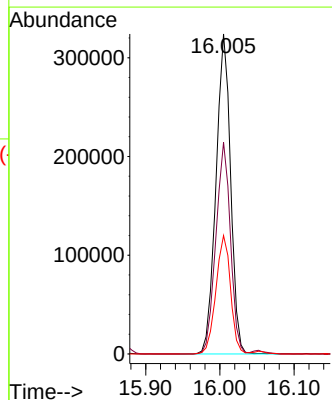
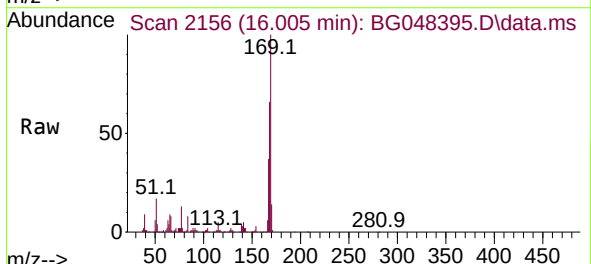
Manual Integrations  
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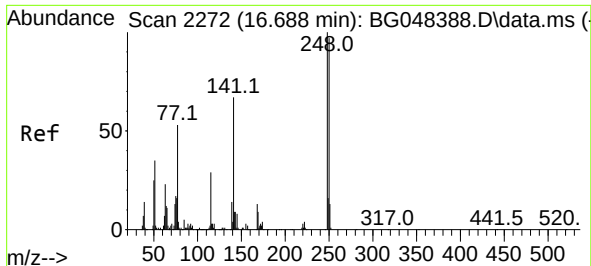
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#66  
n-Nitrosodiphenylamine  
Concen: 39.04 ng  
RT: 16.005 min Scan# 2156  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

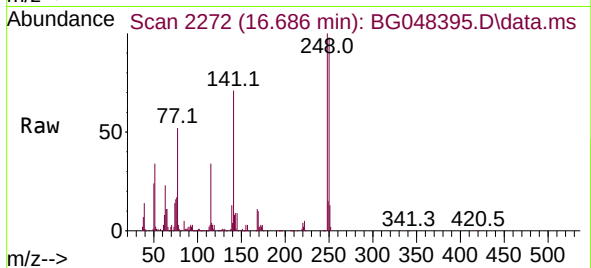
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.2  | 55.5  | 83.3  |
| 167     | 37.0  | 30.5  | 45.7  |





#67  
4-Bromophenyl-phenylether  
Concen: 38.12 ng  
RT: 16.686 min Scan# 2272  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

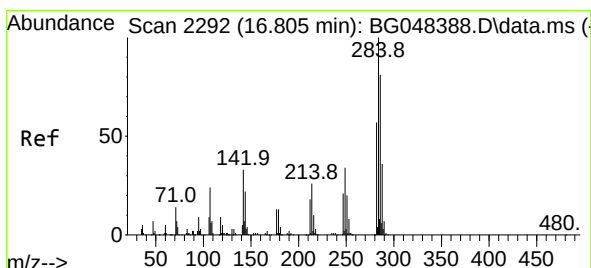
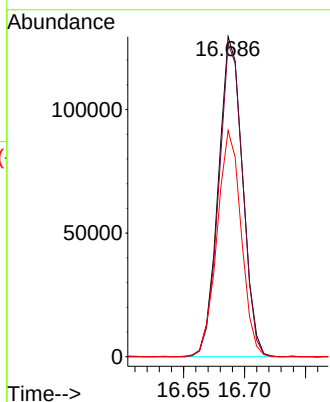
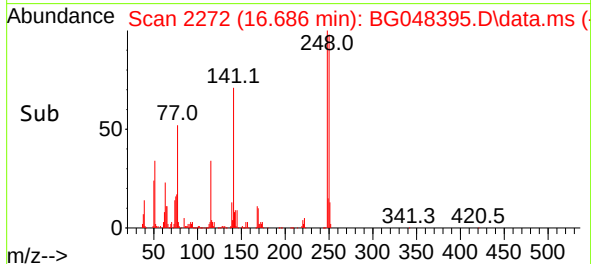
Instrument :  
BNA\_G  
ClientSampleId :  
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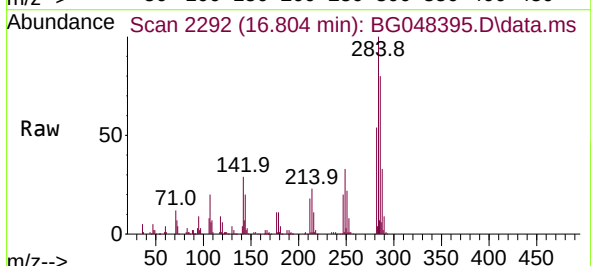
Tgt Ion:248 Resp: 179259  
Ion Ratio Lower Upper  
248 100  
250 97.9 78.9 118.3  
141 70.6 46.2 69.4#

Manual Integrations  
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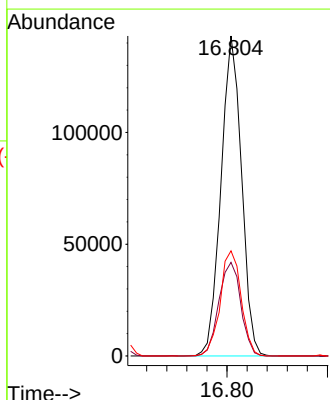
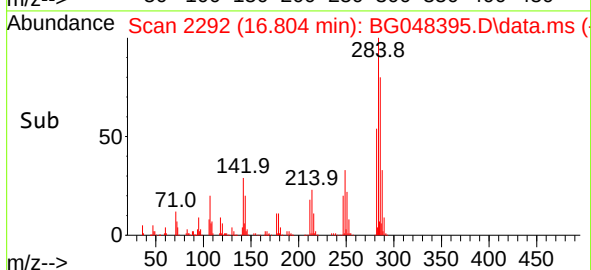
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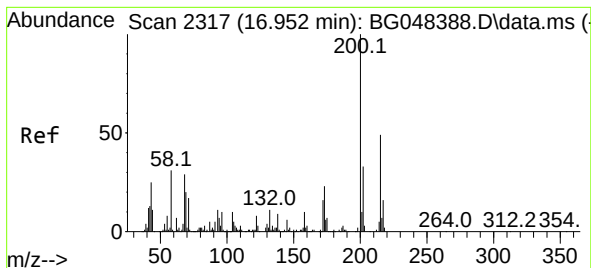


#68  
Hexachlorobenzene  
Concen: 39.64 ng  
RT: 16.804 min Scan# 2292  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



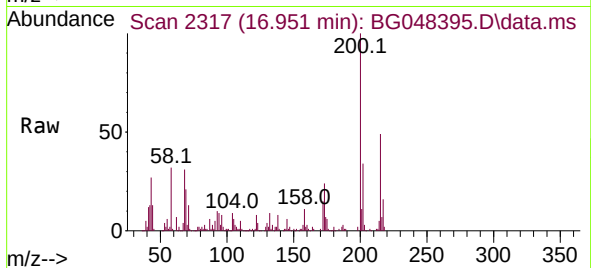
Tgt Ion:284 Resp: 203285  
Ion Ratio Lower Upper  
284 100  
142 29.2 21.1 31.7  
249 32.9 25.9 38.9





#69  
Atrazine  
Concen: 43.37 ng  
RT: 16.951 min Scan# 2317  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

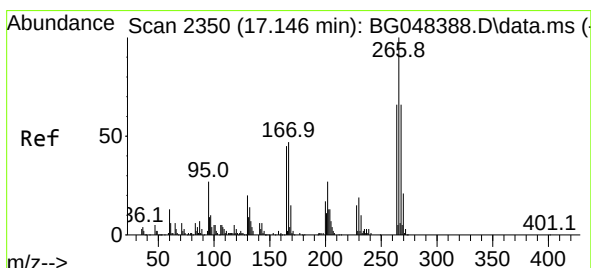
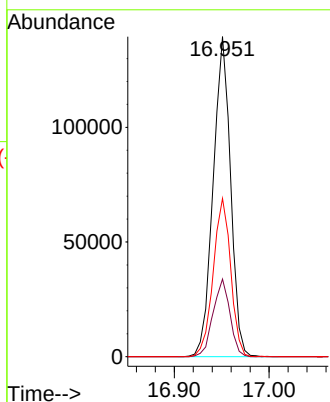
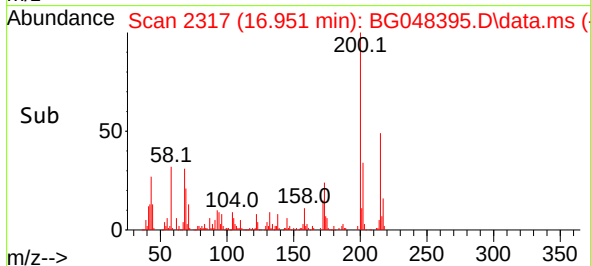
Instrument :  
BNA\_G  
ClientSampleId :  
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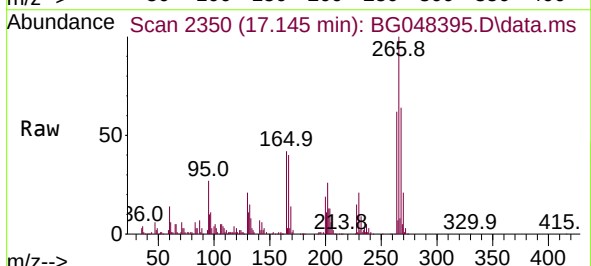
Tgt Ion:200 Resp: 177890  
Ion Ratio Lower Upper  
200 100  
173 24.3 4.2 44.2  
215 49.4 30.0 70.0

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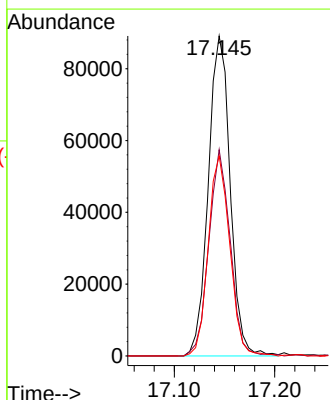
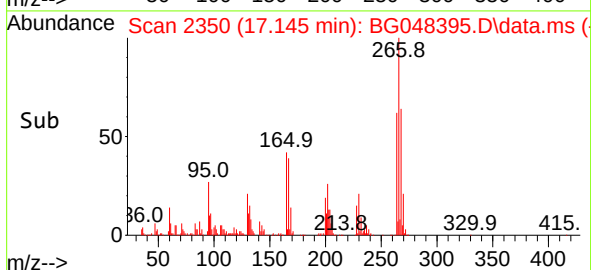
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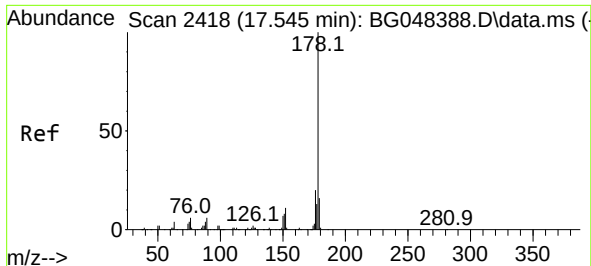


#70  
Pentachlorophenol  
Concen: 44.10 ng  
RT: 17.145 min Scan# 2350  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



Tgt Ion:266 Resp: 135269  
Ion Ratio Lower Upper  
266 100  
268 64.5 49.8 74.6  
264 62.5 49.3 73.9





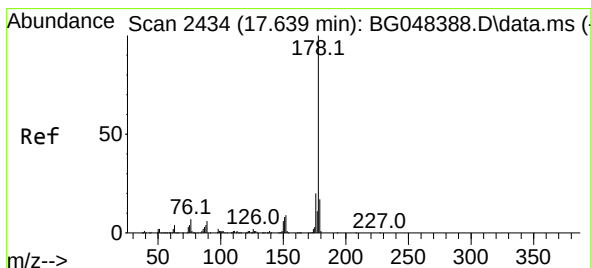
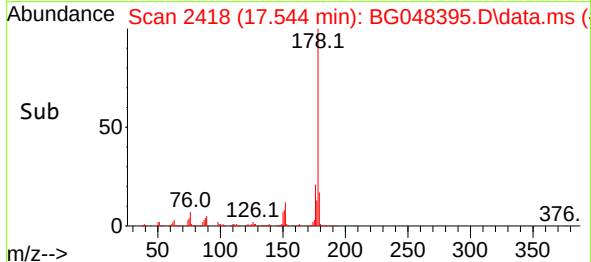
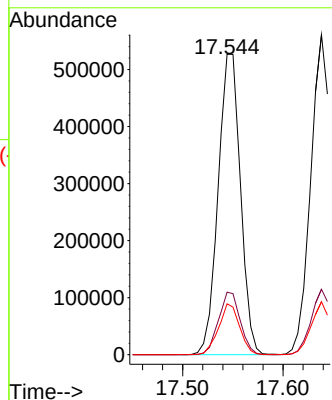
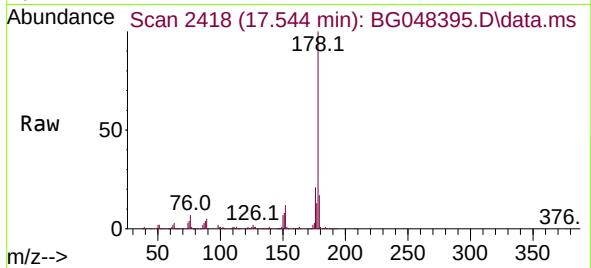
#71  
Phenanthrene  
Concen: 39.48 ng  
RT: 17.544 min Scan# 2418  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:178 Resp: 813901  
Ion Ratio Lower Upper  
178 100  
176 20.8 16.7 25.1  
179 17.0 14.0 21.0

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

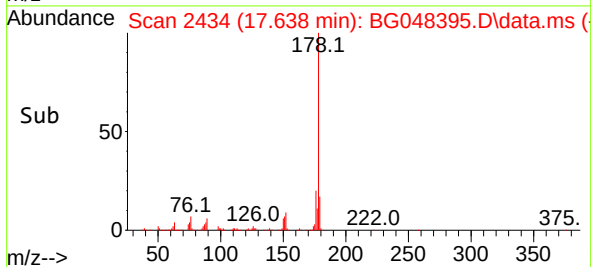
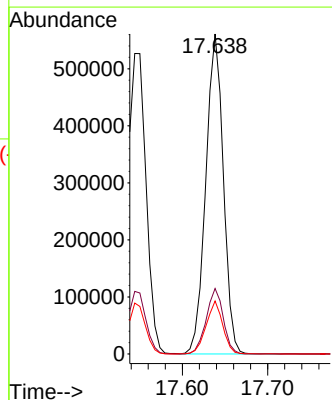
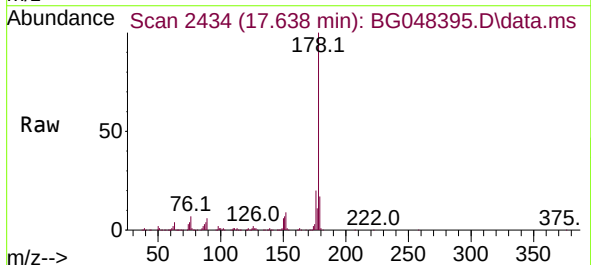
Manual Integrations  
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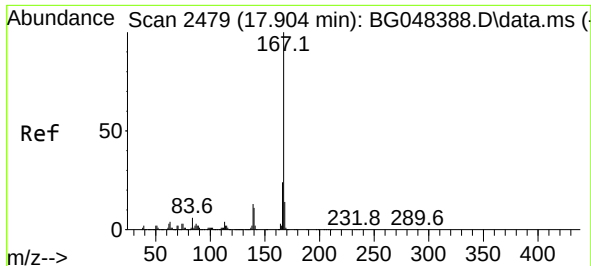
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#72  
Anthracene  
Concen: 39.25 ng  
RT: 17.638 min Scan# 2434  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

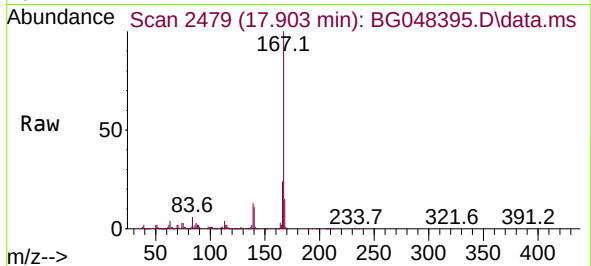
Tgt Ion:178 Resp: 803277  
Ion Ratio Lower Upper  
178 100  
176 20.5 16.4 24.6  
179 16.5 13.8 20.6





#73  
 Carbazole  
 Concen: 39.50 ng  
 RT: 17.903 min Scan# 2479  
 Delta R.T. -0.001 min  
 Lab File: BG048395.D  
 Acq: 17 Mar 2021 12:48

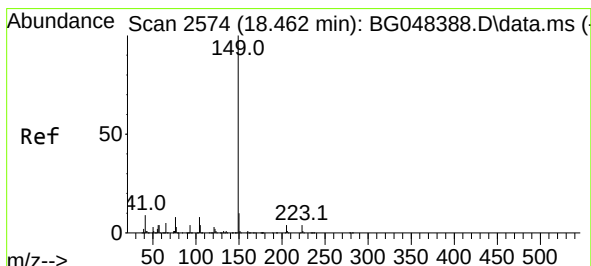
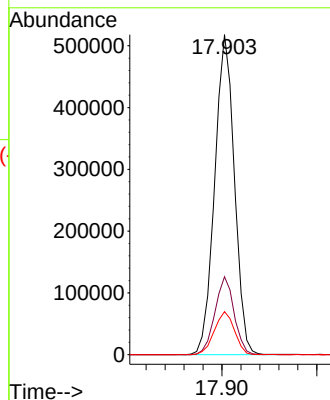
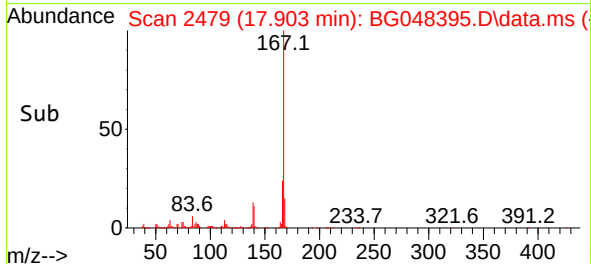
Instrument :  
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 ClientSampleId :  
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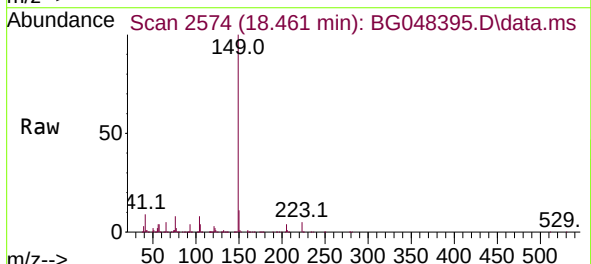
Tgt Ion:167 Resp: 748075  
 Ion Ratio Lower Upper  
 167 100  
 166 24.3 18.7 28.1  
 139 13.4 9.6 14.4

Manual Integrations  
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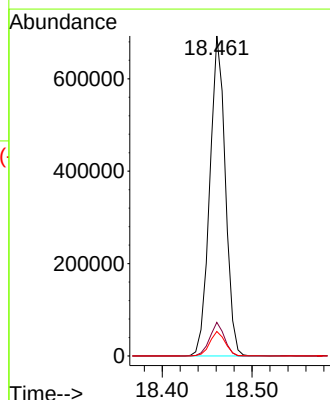
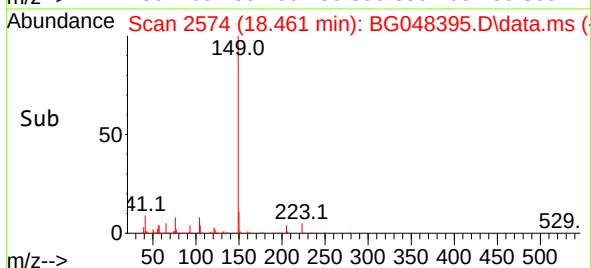
mohammad  
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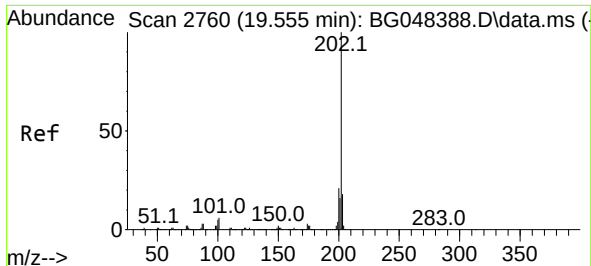
#74  
 Di-n-butylphthalate  
 Concen: 43.08 ng  
 RT: 18.461 min Scan# 2574  
 Delta R.T. -0.001 min  
 Lab File: BG048395.D  
 Acq: 17 Mar 2021 12:48



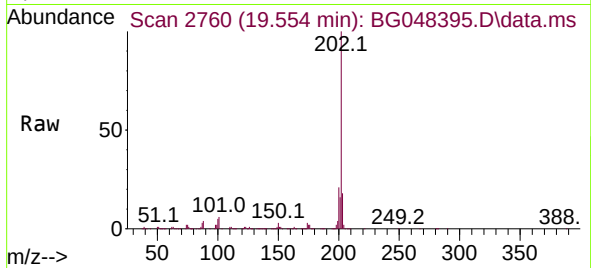
Tgt Ion:149 Resp: 834197  
 Ion Ratio Lower Upper  
 149 100  
 150 10.5 8.2 12.4  
 104 7.6 3.8 5.8#





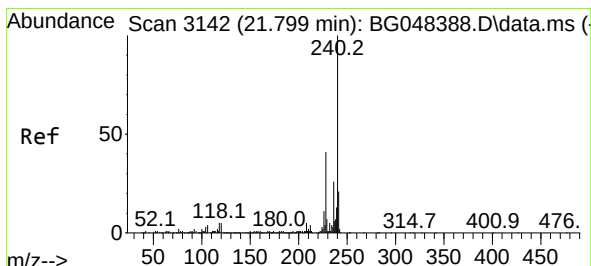
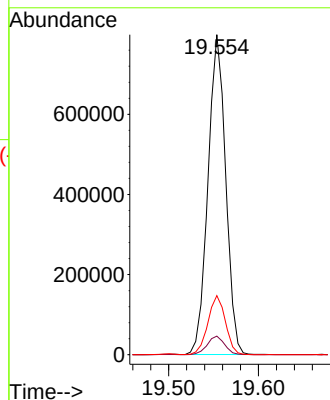
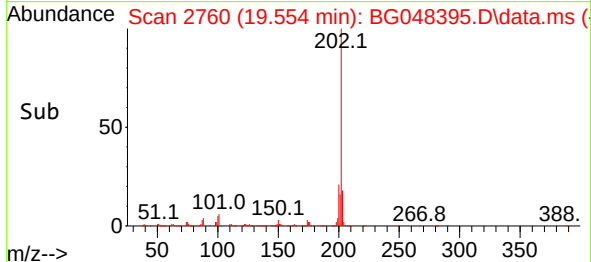


#75  
Fluoranthene  
Concen: 39.95 ng  
RT: 19.554 min Scan# 2760  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

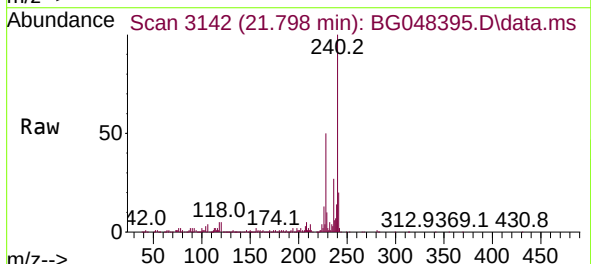


Tgt Ion:202 Resp: 1092244

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 5.8   | 0.0   | 29.7  |
| 203 | 18.4  | 0.0   | 39.2  |

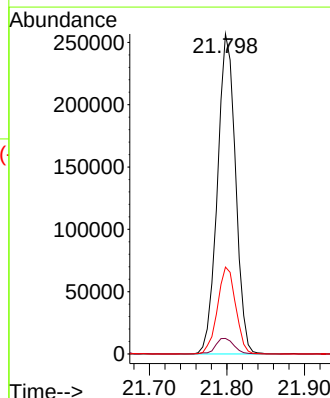
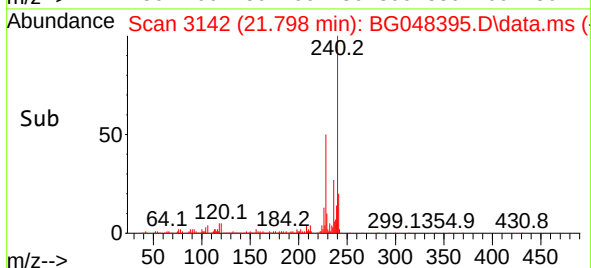


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.798 min Scan# 3142  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



Tgt Ion:240 Resp: 416118

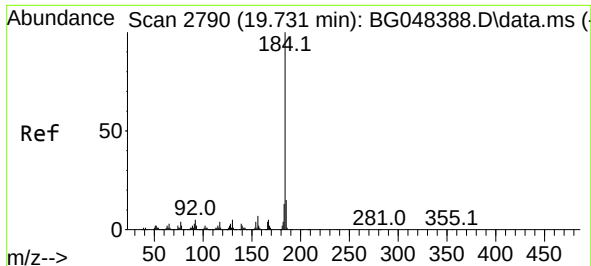
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 4.8   | 6.2   | 9.4#  |
| 236 | 27.1  | 20.5  | 30.7  |



Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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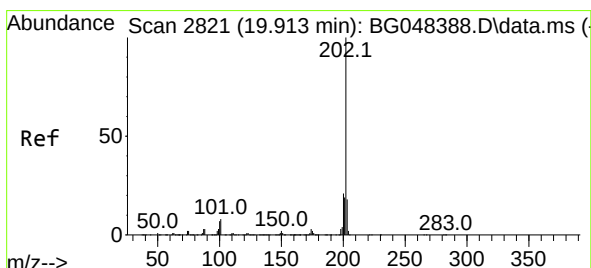
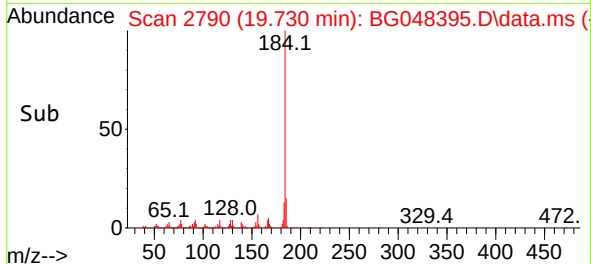
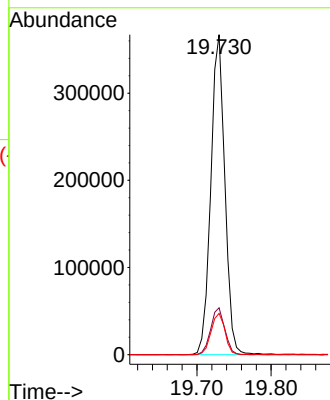
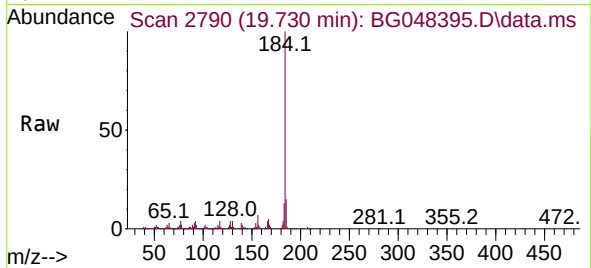
#77  
Benzidine  
Concen: 44.74 ng  
RT: 19.730 min Scan# 2790  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:184 Resp: 482407  
Ion Ratio Lower Upper  
184 100  
185 14.6 12.4 18.6  
183 12.9 10.6 15.8

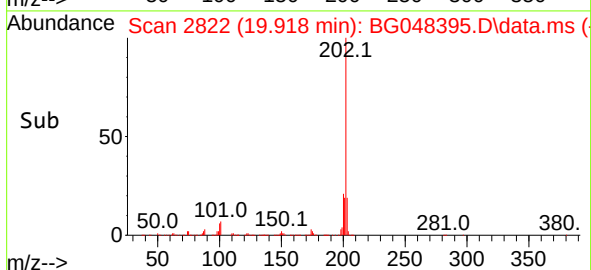
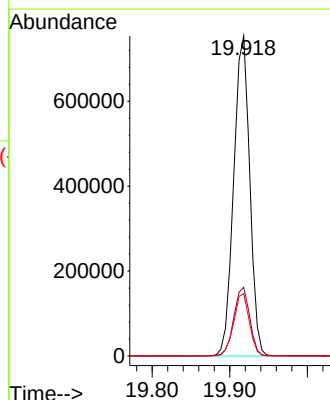
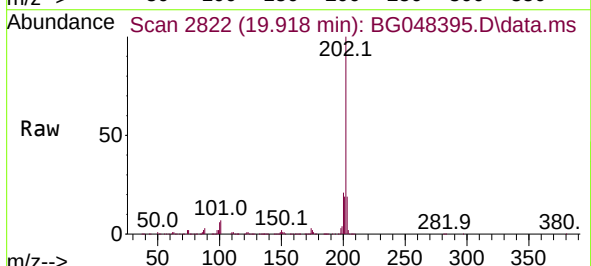
Manual Integrations  
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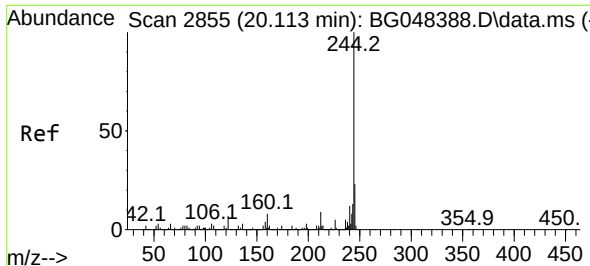
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#78  
Pyrene  
Concen: 39.03 ng  
RT: 19.918 min Scan# 2822  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:202 Resp: 1081674  
Ion Ratio Lower Upper  
202 100  
200 21.4 18.6 27.8  
203 19.4 15.3 22.9





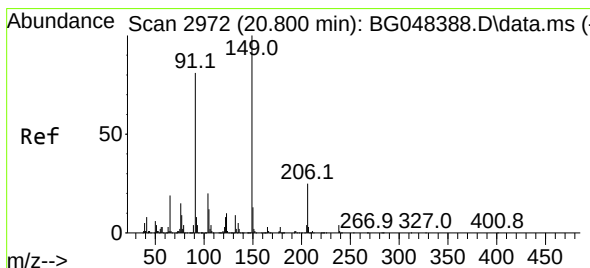
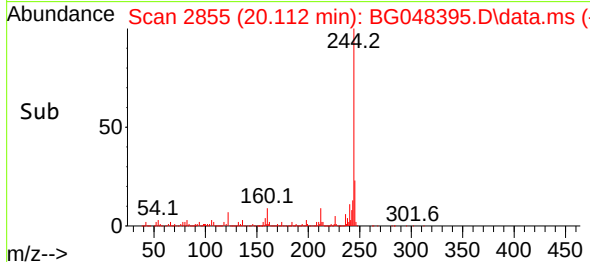
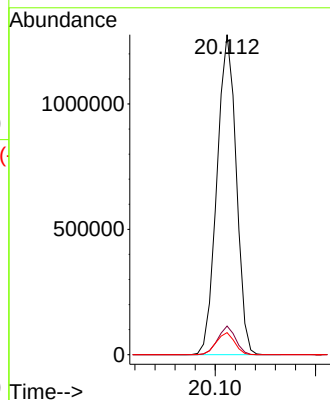
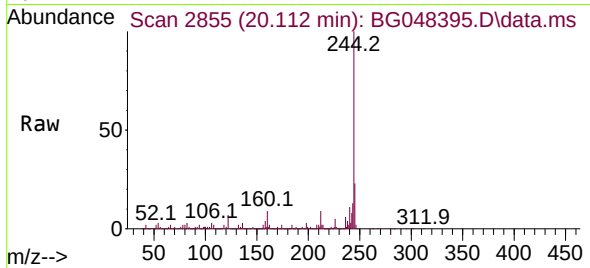
#79  
 Terphenyl-d14  
 Concen: 79.00 ng  
 RT: 20.112 min Scan# 2855  
 Delta R.T. -0.001 min  
 Lab File: BG048395.D  
 Acq: 17 Mar 2021 12:48

Tgt Ion:244 Resp: 1700944  
 Ion Ratio Lower Upper  
 244 100  
 212 8.9 6.7 10.1  
 122 6.9 7.8 11.6#

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

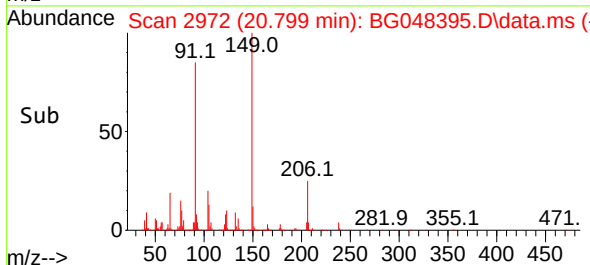
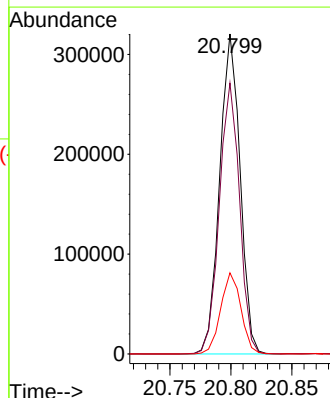
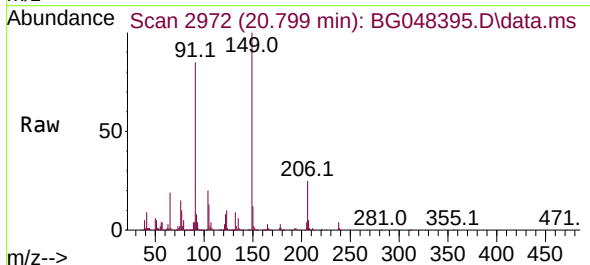
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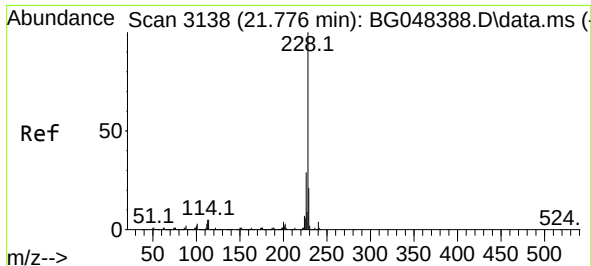
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#80  
 Butylbenzylphthalate  
 Concen: 41.19 ng  
 RT: 20.799 min Scan# 2972  
 Delta R.T. -0.001 min  
 Lab File: BG048395.D  
 Acq: 17 Mar 2021 12:48

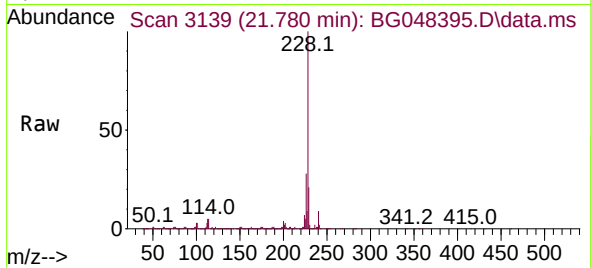
Tgt Ion:149 Resp: 373757  
 Ion Ratio Lower Upper  
 149 100  
 91 84.6 51.5 77.3#  
 206 25.4 21.2 31.8





#81  
Benzo(a)anthracene  
Concen: 39.87 ng  
RT: 21.780 min Scan# 3139  
Delta R.T. 0.004 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

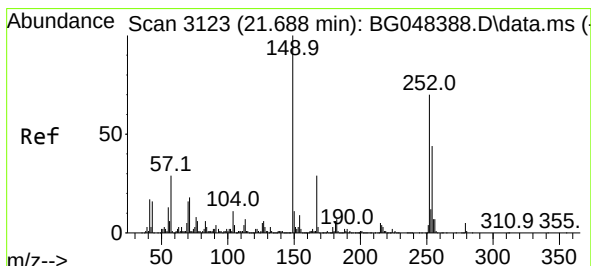
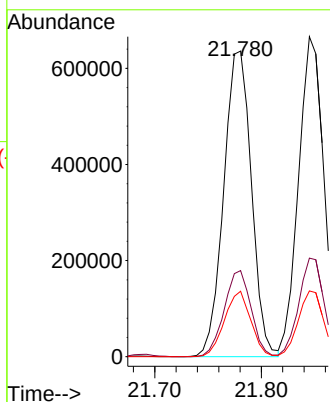
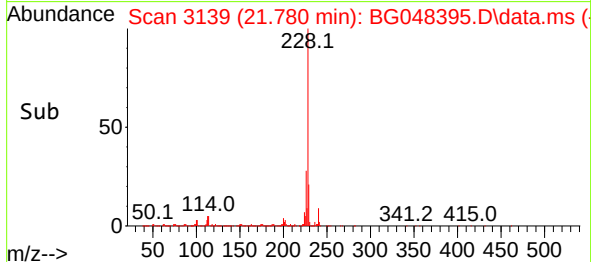
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



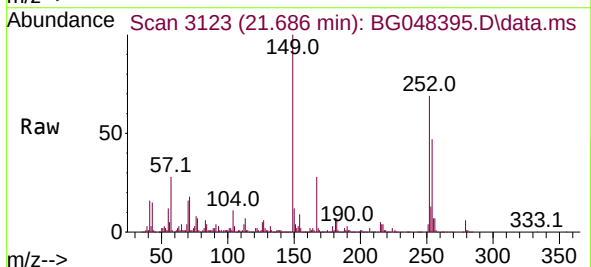
Tgt Ion:228 Resp: 1149547  
Ion Ratio Lower Upper  
228 100  
226 28.2 23.3 34.9  
229 21.4 17.4 26.0

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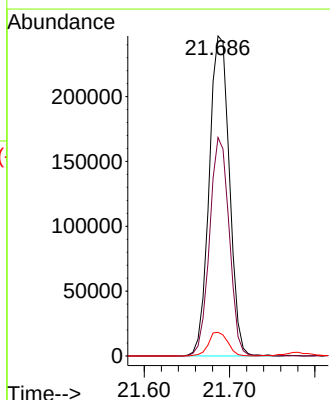
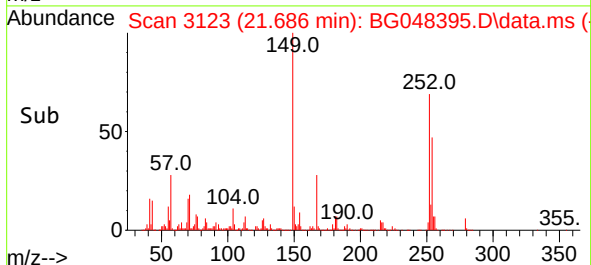
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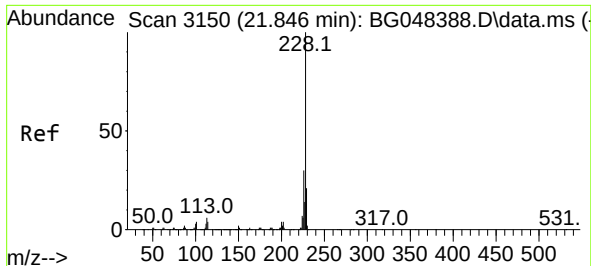


#82  
3,3'-Dichlorobenzidine  
Concen: 41.70 ng  
RT: 21.686 min Scan# 3123  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



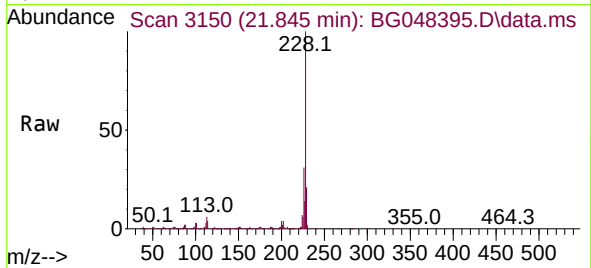
Tgt Ion:252 Resp: 405988  
Ion Ratio Lower Upper  
252 100  
254 68.2 53.2 79.8  
126 7.4 6.8 10.2





#83  
Chrysene  
Concen: 39.69 ng  
RT: 21.845 min Scan# 3150  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

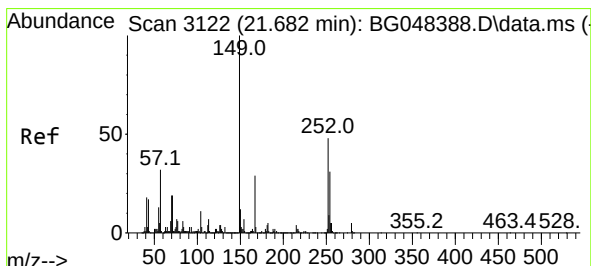
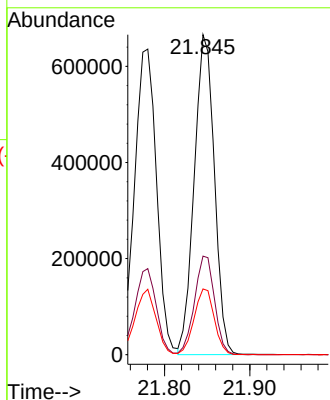
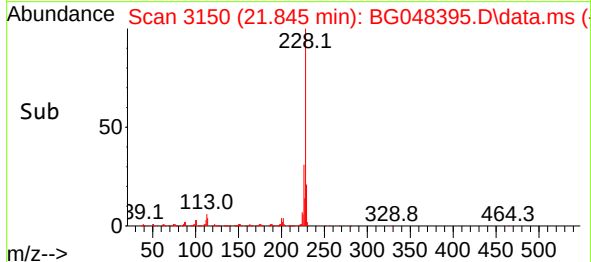
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



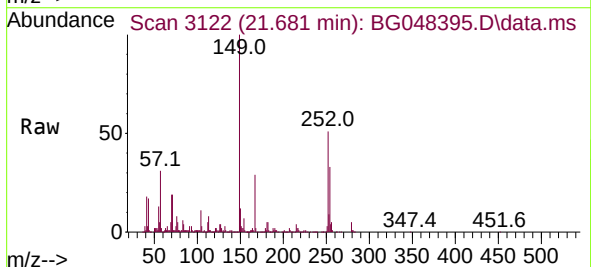
Tgt Ion:228 Resp: 1092032  
Ion Ratio Lower Upper  
228 100  
226 30.8 25.0 37.4  
229 20.5 17.3 25.9

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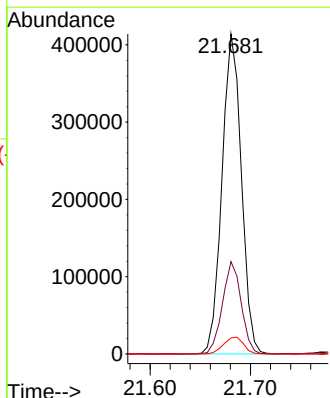
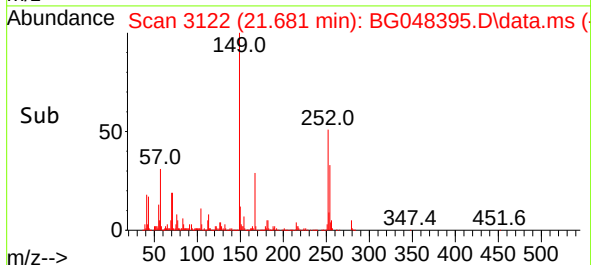
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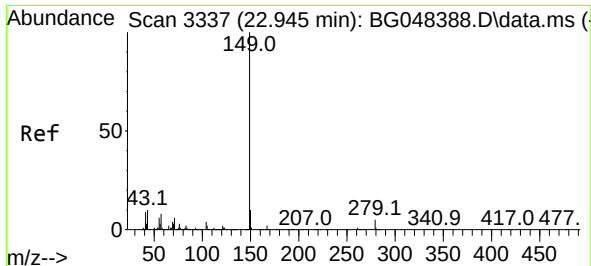


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.80 ng  
RT: 21.681 min Scan# 3122  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



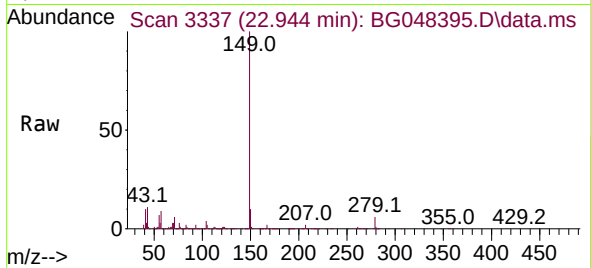
Tgt Ion:149 Resp: 554625  
Ion Ratio Lower Upper  
149 100  
167 28.9 24.8 37.2  
279 5.0 4.6 7.0





#85  
Di-n-octyl phthalate  
Concen: 42.24 ng  
RT: 22.944 min Scan# 3337  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

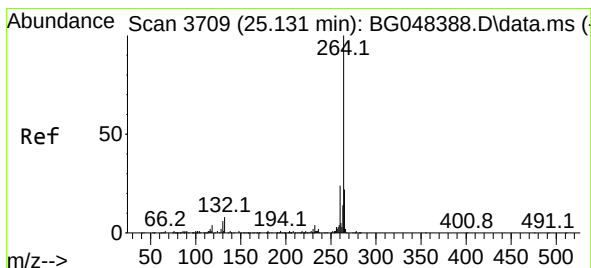
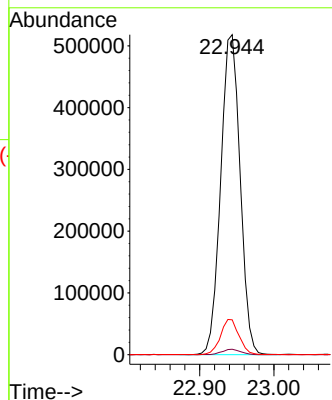
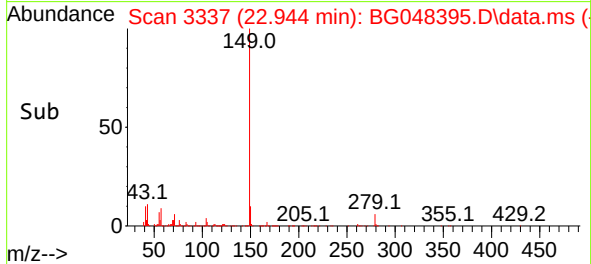
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



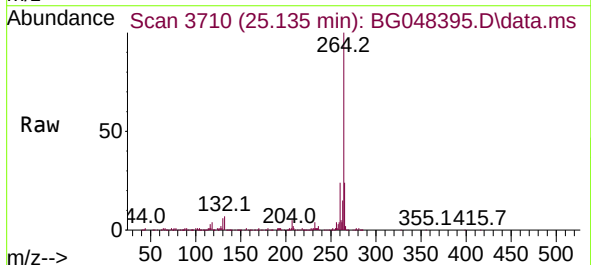
Tgt Ion:149 Resp: 940539  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 10.6 6.8 10.2#

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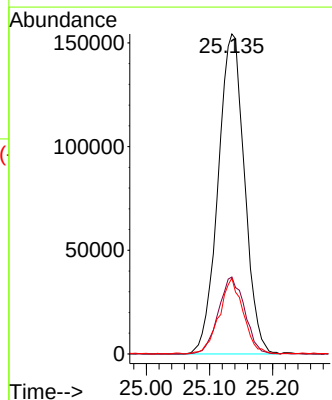
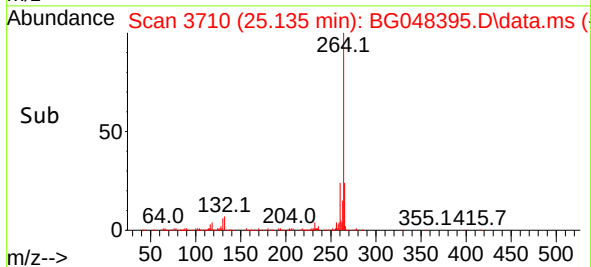
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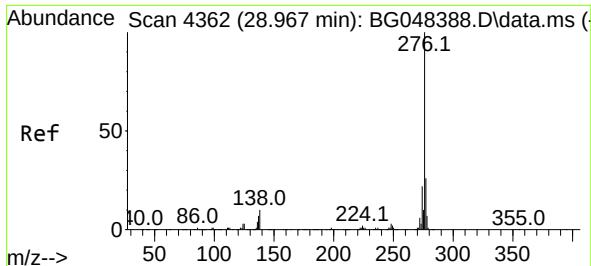


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.135 min Scan# 3710  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



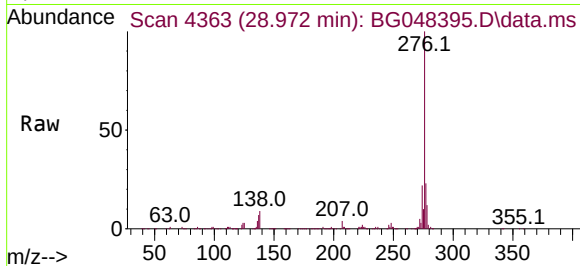
Tgt Ion:264 Resp: 447498  
Ion Ratio Lower Upper  
264 100  
260 24.0 18.8 28.2  
265 23.7 17.8 26.8





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.47 ng  
RT: 28.972 min Scan# 4363  
Delta R.T. 0.005 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

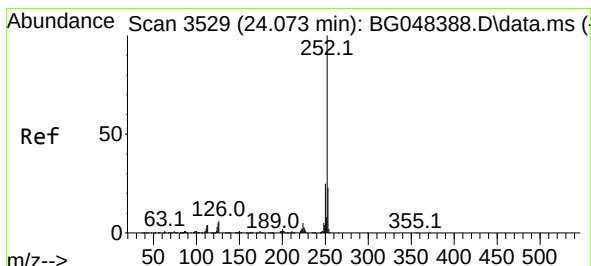
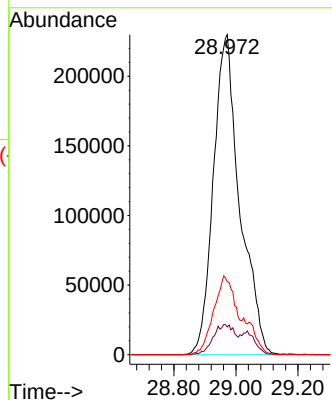
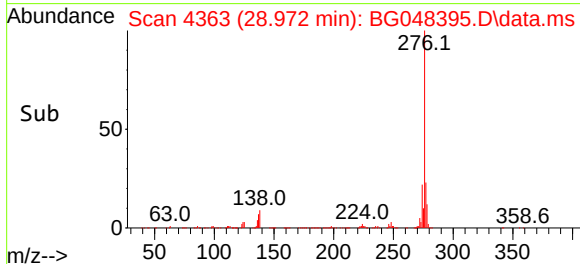
Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040



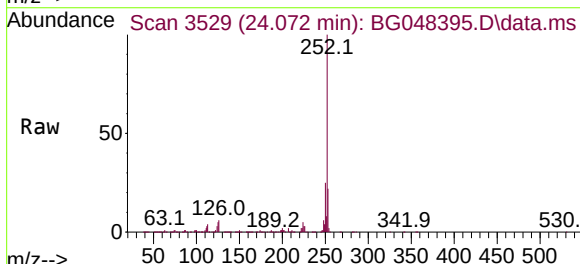
Tgt Ion:276 Resp: 1356671  
Ion Ratio Lower Upper  
276 100  
138 7.7 16.2 24.2#  
277 22.4 20.3 30.5

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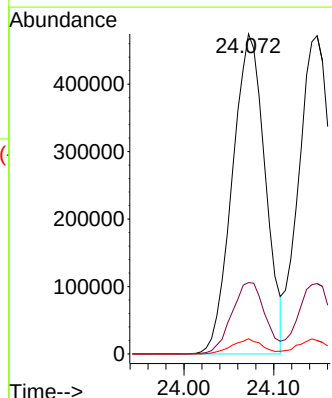
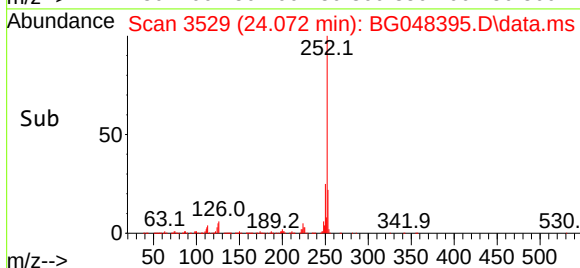
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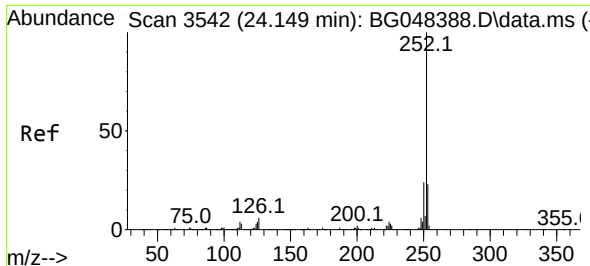


#88  
Benzo(b)fluoranthene  
Concen: 38.66 ng  
RT: 24.072 min Scan# 3529  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



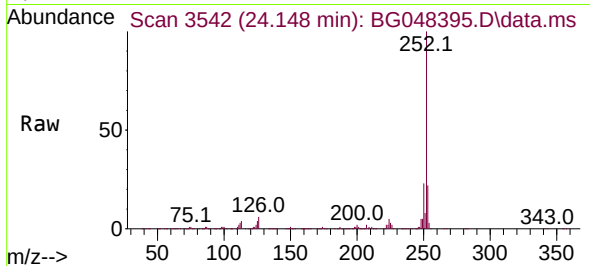
Tgt Ion:252 Resp: 1206128  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.7 28.1  
125 4.8 6.5 9.7#





#89  
Benzo(k)fluoranthene  
Concen: 39.10 ng  
RT: 24.148 min Scan# 3542  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

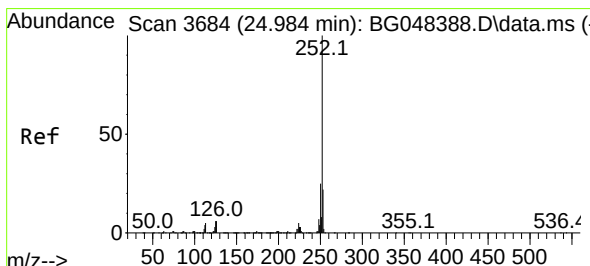
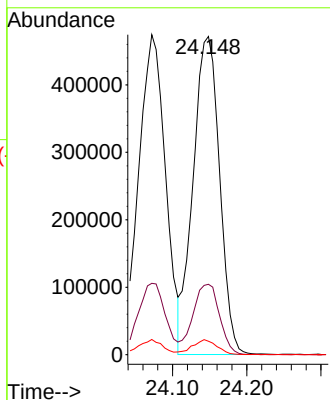
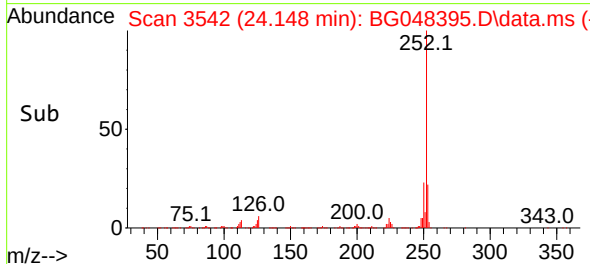
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



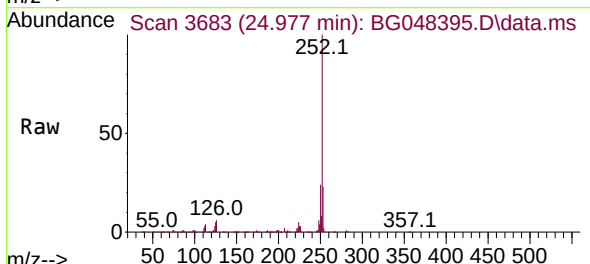
Tgt Ion:252 Resp: 1170580  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.6 27.8  
125 4.2 6.8 10.2#

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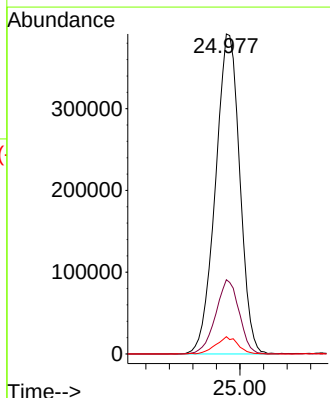
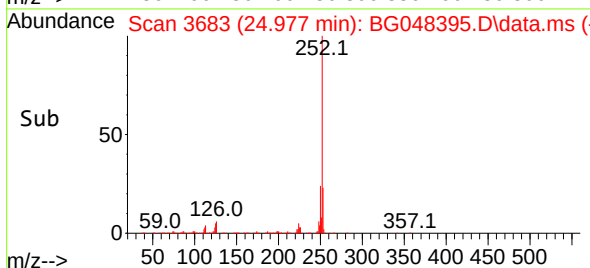
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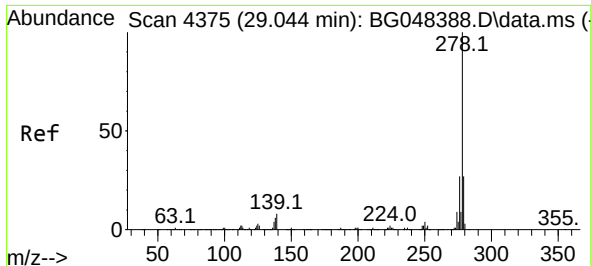
#90  
Benzo(a)pyrene  
Concen: 39.00 ng  
RT: 24.977 min Scan# 3683  
Delta R.T. -0.007 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48



Tgt Ion:252 Resp: 1121361  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.9 26.9  
125 5.4 7.0 10.4#







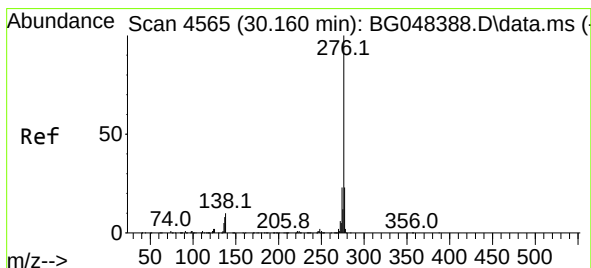
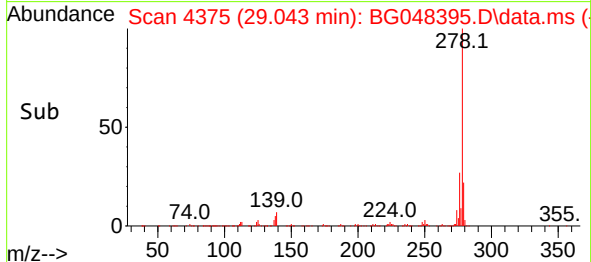
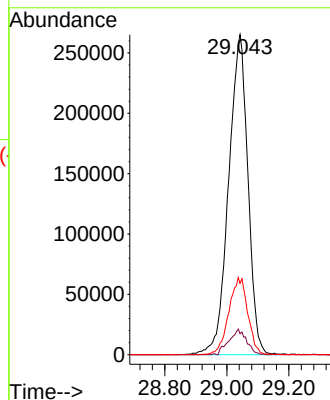
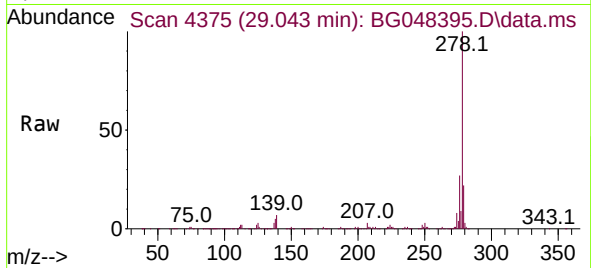
#91  
Dibenzo(a,h)anthracene  
Concen: 39.04 ng  
RT: 29.043 min Scan# 4375  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:278 Resp: 1144315  
Ion Ratio Lower Upper  
278 100  
139 6.5 10.5 15.7#  
279 22.3 19.4 29.0

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

Manual Integrations  
APPROVED

mohammad  
3/18/2021 2:31:32 PM



#92  
Benzo(g,h,i)perylene  
Concen: 39.71 ng  
RT: 30.159 min Scan# 4565  
Delta R.T. -0.001 min  
Lab File: BG048395.D  
Acq: 17 Mar 2021 12:48

Tgt Ion:276 Resp: 1128763  
Ion Ratio Lower Upper  
276 100  
277 24.8 19.6 29.4  
138 9.9 13.4 20.2#

