

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102820\  
 Data File : BG047107.D  
 Acq On : 28 Oct 2020 14:05  
 Operator : CG/JU  
 Sample : L4214-09  
 Misc : MDL-MDL-WATER 4PPM  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-03-QT4-2020

Manual Integrations  
 APPROVED

mohammad  
 10/29/2020 10:43:50 AM

Quant Time: Oct 28 14:45:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG102720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 28 12:53:38 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.059  | 152  | 43645    | 20.00  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.867 | 136  | 170008   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.686 | 164  | 123030   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.430 | 188  | 325559   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.696 | 240  | 402447   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.933 | 264  | 407069   | 20.00  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.614  | 112  | 337356   | 137.02 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.207  | 99   | 465845   | 130.84 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.216  | 82   | 337088   | 94.95  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.173 | 330  | 277815   | 140.88 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.311 | 172  | 860156   | 98.85  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.039 | 244  | 1927228  | 93.12  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.499  | 88   | 4587     | 4.12   | ng    | 95       |
| 3) Pyridine                   | 3.905  | 79   | 10942    | 3.62   | ng    | # 83     |
| 4) n-Nitrosodimethylamine     | 3.811  | 42   | 6067     | 3.79   | ng    | # 46     |
| 6) Aniline                    | 7.377  | 93   | 17139    | 4.07   | ng    | # 95     |
| 8) 2-Chlorophenol             | 7.618  | 128  | 9500     | 3.63   | ng    | 94       |
| 9) Benzaldehyde               | 7.189  | 77   | 11061    | 5.54   | ng    | 82       |
| 10) Phenol                    | 7.236  | 94   | 11575    | 3.44   | ng    | # 57     |
| 11) bis(2-Chloroethyl)ether   | 7.471  | 93   | 10232    | 3.87   | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.947  | 146  | 11145    | 3.34   | ng    | # 86     |
| 13) 1,4-Dichlorobenzene       | 8.094  | 146  | 12103m   | 3.59   | ng    |          |
| 14) 1,2-Dichlorobenzene       | 8.411  | 146  | 11904    | 3.73   | ng    | 97       |
| 15) Benzyl Alcohol            | 8.294  | 79   | 9100     | 3.28   | ng    | # 83     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.582  | 45   | 14497    | 3.46   | ng    | 94       |
| 17) 2-Methylphenol            | 8.493  | 107  | 7196     | 3.11   | ng    | # 84     |
| 18) Hexachloroethane          | 9.146  | 117  | 4662     | 3.70   | ng    | 85       |
| 19) n-Nitroso-di-n-propyla... | 8.852  | 70   | 8246     | 3.40   | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.822  | 107  | 10551    | 3.38   | ng    | # 89     |
| 22) Acetophenone              | 8.875  | 105  | 16521    | 3.61   | ng    | # 95     |
| 24) Nitrobenzene              | 9.263  | 77   | 13058    | 3.54   | ng    | 95       |
| 25) Isophorone                | 9.780  | 82   | 21928    | 3.45   | ng    | # 95     |
| 26) 2-Nitrophenol             | 9.980  | 139  | 5050     | 3.16   | ng    | # 60     |
| 27) 2,4-Dimethylphenol        | 10.027 | 122  | 8081     | 3.70   | ng    | 89       |
| 28) bis(2-Chloroethoxy)met... | 10.262 | 93   | 13958    | 3.56   | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.515 | 162  | 10759    | 3.58   | ng    | 81       |
| 30) 1,2,4-Trichlorobenzene    | 10.732 | 180  | 13627    | 3.68   | ng    | 99       |
| 31) Naphthalene               | 10.920 | 128  | 32878    | 3.70   | ng    | 97       |
| 33) 4-Chloroaniline           | 11.026 | 127  | 12579    | 3.25   | ng    | # 89     |
| 34) Hexachlorobutadiene       | 11.202 | 225  | 9289     | 3.34   | ng    | 95       |
| 35) Caprolactam               | 11.760 | 113  | 3521     | 3.52   | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 12.136 | 107  | 9678     | 3.10   | ng    | # 97     |
| 37) 2-Methylnaphthalene       | 12.518 | 142  | 24827    | 3.60   | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.736 | 142  | 23676    | 3.62   | ng    | # 98     |
| 40) 1,2,4,5-Tetrachloroben... | 12.888 | 216  | 16113    | 3.59   | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 12.865 | 237  | 7752     | 3.16   | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.123 | 196  | 9047     | 3.09   | ng    | # 94     |
| 44) 2,4,5-Trichlorophenol     | 13.194 | 196  | 10394    | 3.49   | ng    | # 78     |

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 ClientSampleId :  
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Manual Integrations  
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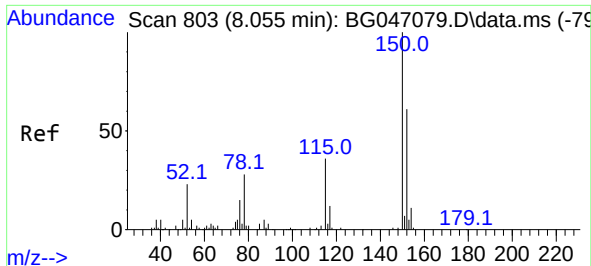
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 10/29/2020 10:43:50 AM

Quant Time: Oct 28 14:45:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG102720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 28 12:53:38 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.523 | 154  | 34638    | 3.72 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.564 | 162  | 26012    | 3.39 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.770 | 65   | 7221     | 2.89 | ng #  | 65       |
| 49) Acenaphthylene            | 14.410 | 152  | 40252    | 3.62 | ng    | 99       |
| 50) Dimethylphthalate         | 14.128 | 163  | 36427    | 3.59 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.251 | 165  | 7240     | 3.43 | ng #  | 67       |
| 52) Acenaphthene              | 14.751 | 154  | 26722    | 3.68 | ng #  | 82       |
| 53) 3-Nitroaniline            | 14.586 | 138  | 6202     | 2.95 | ng #  | 95       |
| 54) 2,4-Dinitrophenol         | 14.798 | 184  | 2871     | 2.06 | ng #  | 67       |
| 55) Dibenzofuran              | 15.086 | 168  | 44428    | 3.81 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.886 | 139  | 4787     | 2.91 | ng #  | 77       |
| 57) 2,4-Dinitrotoluene        | 15.039 | 165  | 10364    | 3.41 | ng #  | 93       |
| 58) Fluorene                  | 15.732 | 166  | 34689    | 3.68 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.309 | 232  | 10580    | 3.35 | ng #  | 98       |
| 60) Diethylphthalate          | 15.491 | 149  | 37221    | 3.68 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.720 | 204  | 20346    | 3.62 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.750 | 138  | 7261     | 3.22 | ng    | 97       |
| 63) Azobenzene                | 16.014 | 77   | 33927    | 3.78 | ng    | 84       |
| 65) 4,6-Dinitro-2-methylph... | 15.814 | 198  | 5638     | 2.81 | ng    | 79       |
| 66) n-Nitrosodiphenylamine    | 15.938 | 169  | 34432    | 3.69 | ng #  | 90       |
| 67) 4-Bromophenyl-phenylether | 16.619 | 248  | 13711    | 3.20 | ng    | 88       |
| 68) Hexachlorobenzene         | 16.737 | 284  | 14849    | 3.29 | ng    | 98       |
| 69) Atrazine                  | 16.872 | 200  | 13411    | 3.49 | ng    | 89       |
| 70) Pentachlorophenol         | 17.089 | 266  | 7016m    | 2.66 | ng    |          |
| 71) Phenanthrene              | 17.471 | 178  | 66202m   | 3.81 | ng    |          |
| 72) Anthracene                | 17.565 | 178  | 64416    | 3.78 | ng    | 96       |
| 73) Carbazole                 | 17.835 | 167  | 55653    | 3.67 | ng    | 95       |
| 74) Di-n-butylphthalate       | 18.382 | 149  | 70202    | 3.75 | ng #  | 94       |
| 75) Fluoranthene              | 19.481 | 202  | 85689    | 3.83 | ng    | 93       |
| 77) Benzidine                 | 19.657 | 184  | 30667    | 3.33 | ng #  | 89       |
| 78) Pyrene                    | 19.839 | 202  | 92772    | 3.62 | ng    | 95       |
| 80) Butylbenzylphthalate      | 20.720 | 149  | 31324    | 3.19 | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.678 | 228  | 96062    | 3.64 | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine    | 21.590 | 252  | 36231    | 3.79 | ng #  | 98       |
| 83) Chrysene                  | 21.743 | 228  | 92776m   | 3.70 | ng    |          |
| 84) Bis(2-ethylhexyl)phtha... | 21.578 | 149  | 45756    | 3.30 | ng #  | 90       |
| 85) Di-n-octyl phthalate      | 22.794 | 149  | 78868    | 3.39 | ng #  | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.605 | 276  | 99489    | 3.35 | ng #  | 77       |
| 88) Benzo(b)fluoranthene      | 23.905 | 252  | 89535    | 3.37 | ng #  | 92       |
| 89) Benzo(k)fluoranthene      | 23.969 | 252  | 92076    | 3.56 | ng #  | 97       |
| 90) Benzo(a)pyrene            | 24.774 | 252  | 80353    | 3.23 | ng #  | 96       |
| 91) Dibenzo(a,h)anthracene    | 28.664 | 278  | 81722    | 3.39 | ng #  | 91       |
| 92) Benzo(g,h,i)perylene      | 29.751 | 276  | 85511    | 3.56 | ng #  | 93       |

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





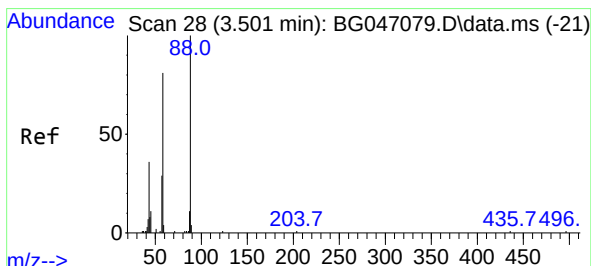
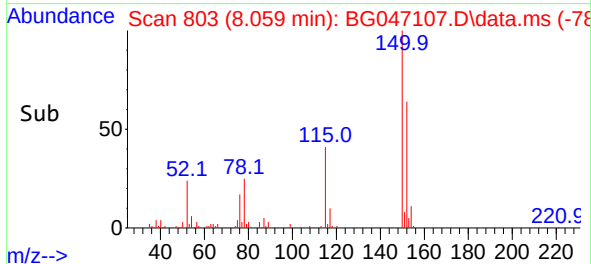
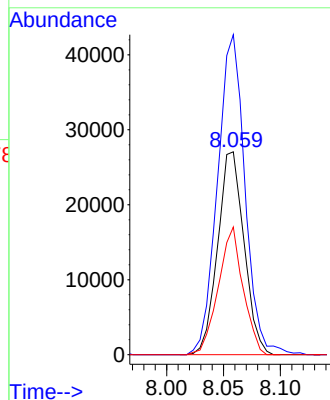
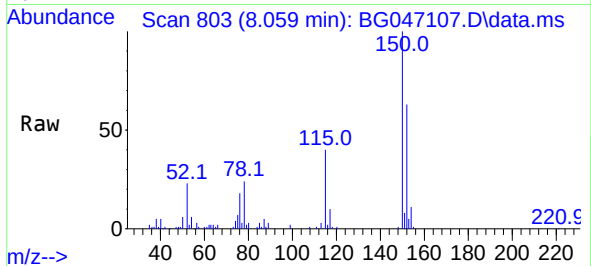
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.059 min Scan# 803  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:152 Resp: 43645  
Ion Ratio Lower Upper  
152 100  
150 157.7 125.0 187.6  
115 63.0 41.8 62.6#

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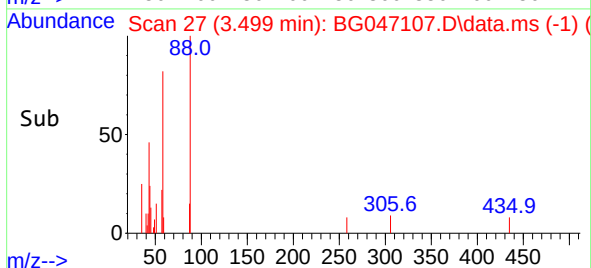
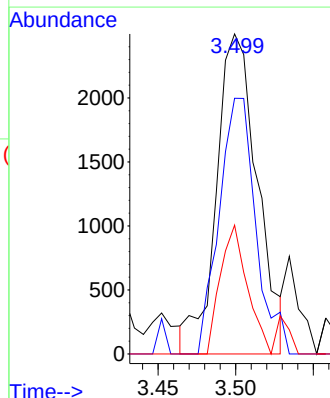
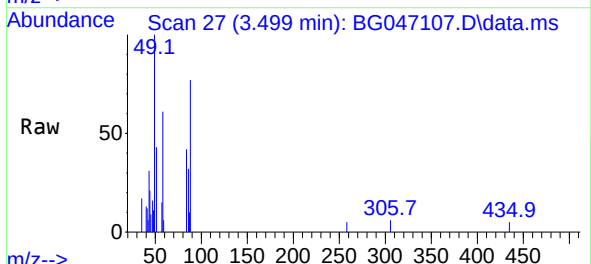
Manual Integrations  
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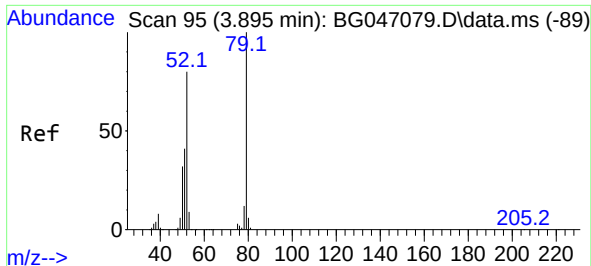
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10/29/2020 10:43:50 AM



#2  
1,4-Dioxane  
Concen: 4.12 ng  
RT: 3.499 min Scan# 27  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion: 88 Resp: 4587  
Ion Ratio Lower Upper  
88 100  
58 71.5 61.6 92.4  
43 26.6 21.3 31.9





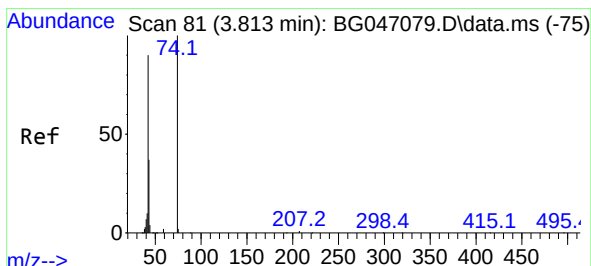
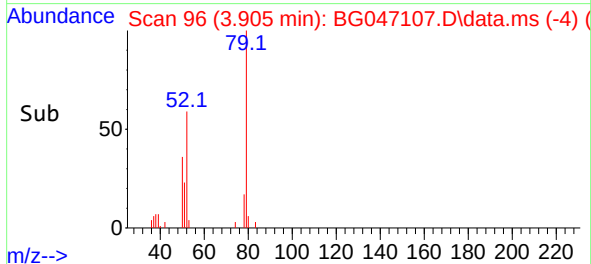
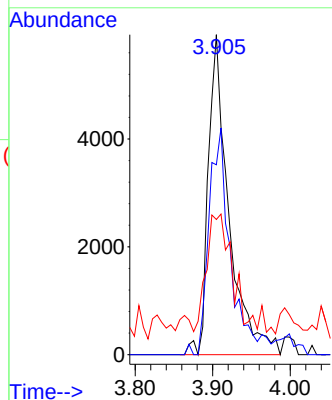
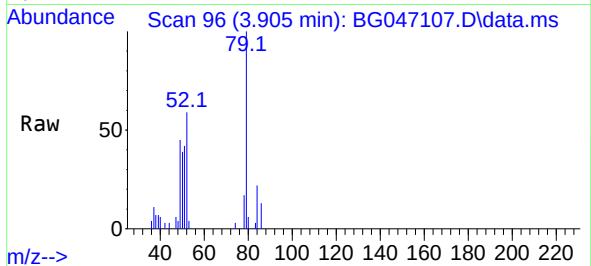
#3  
Pyridine  
Concen: 3.62 ng  
RT: 3.905 min Scan# 96  
Delta R.T. 0.010 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion: 79 Resp: 10942  
Ion Ratio Lower Upper  
79 100  
52 59.4 61.3 91.9#  
51 42.2 28.4 42.6

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

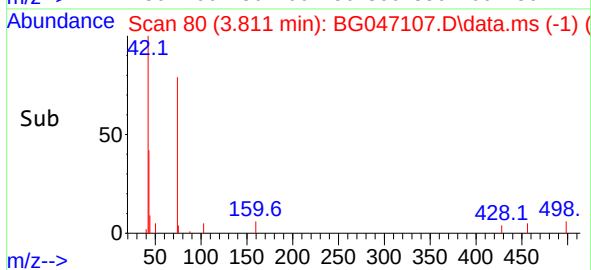
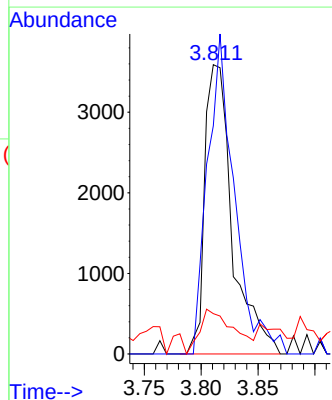
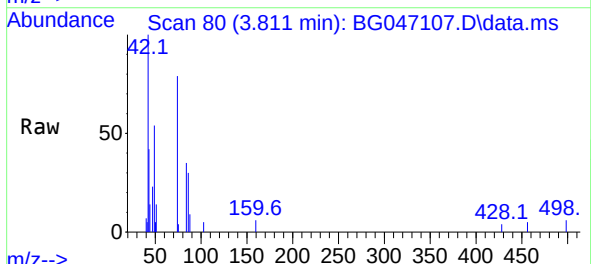
Manual Integrations  
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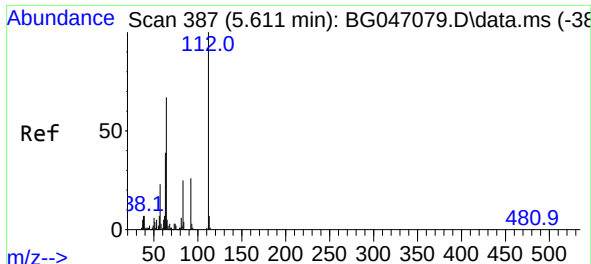
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10/29/2020 10:43:50 AM



#4  
n-Nitrosodimethylamine  
Concen: 3.79 ng  
RT: 3.811 min Scan# 80  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

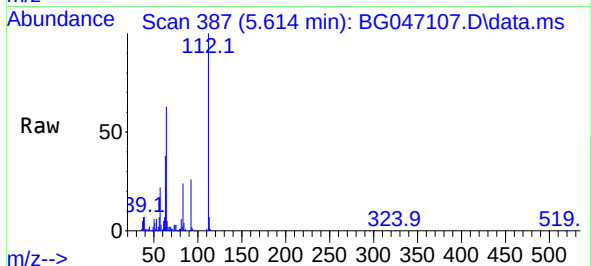
Tgt Ion: 42 Resp: 6067  
Ion Ratio Lower Upper  
42 100  
74 78.9 120.4 180.6#  
44 14.0 6.2 9.2#





#5  
2-Fluorophenol  
Concen: 137.02 ng  
RT: 5.614 min Scan# 387  
Delta R.T. 0.003 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

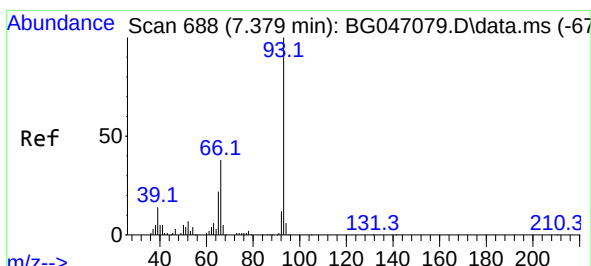
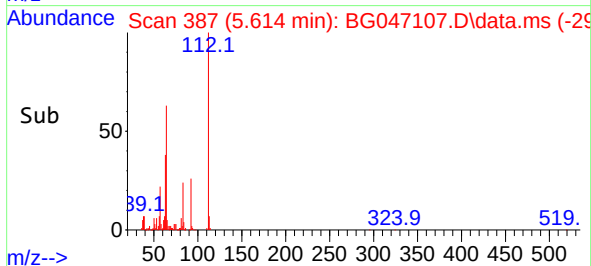
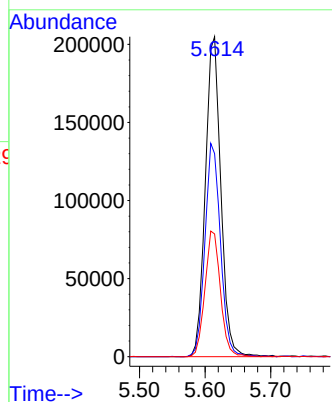
Instrument :  
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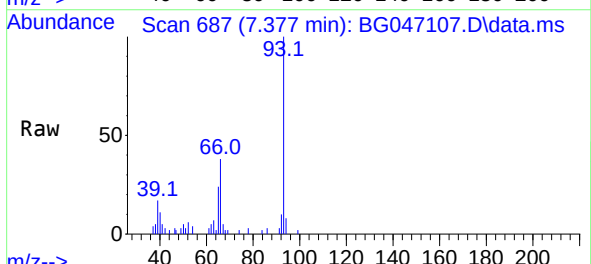
Tgt Ion: 112 Resp: 337356  
Ion Ratio Lower Upper  
112 100  
64 63.4 46.7 70.1  
63 38.3 22.8 34.2#

Manual Integrations  
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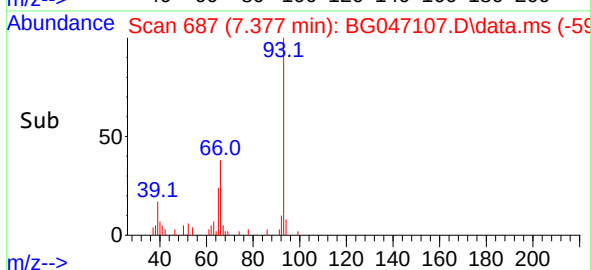
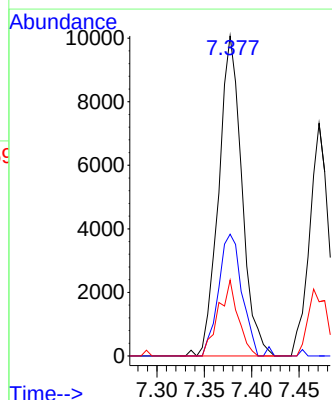
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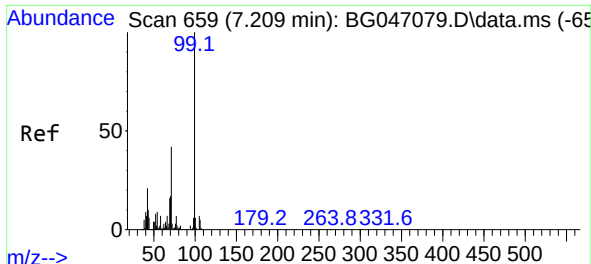


#6  
Aniline  
Concen: 4.07 ng  
RT: 7.377 min Scan# 687  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



Tgt Ion: 93 Resp: 17139  
Ion Ratio Lower Upper  
93 100  
66 38.0 29.5 44.3  
65 23.7 15.5 23.3#





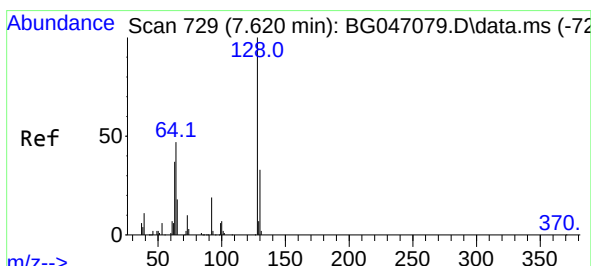
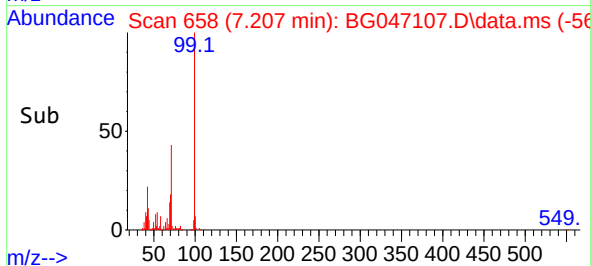
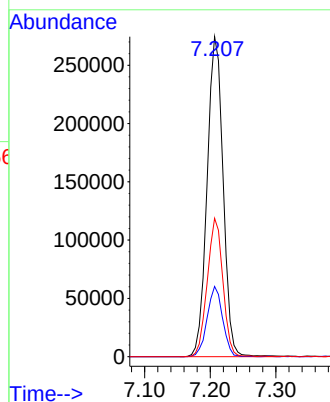
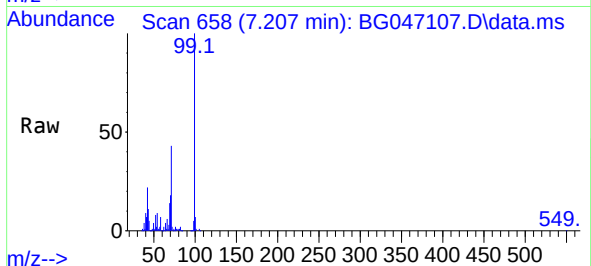
#7  
Phenol-d6  
Concen: 130.84 ng  
RT: 7.207 min Scan# 658  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 465845 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 22.0  | 12.8  | 19.2#  |
| 71       | 43.3  | 24.6  | 36.8#  |

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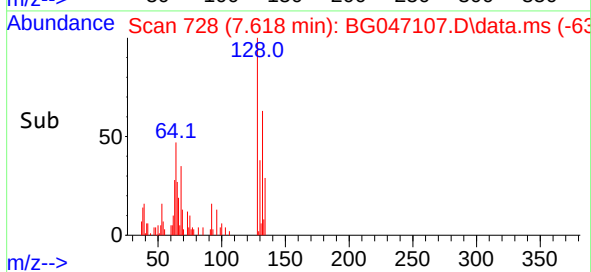
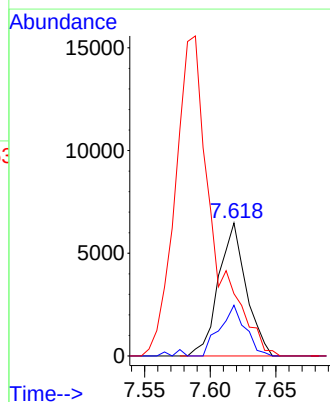
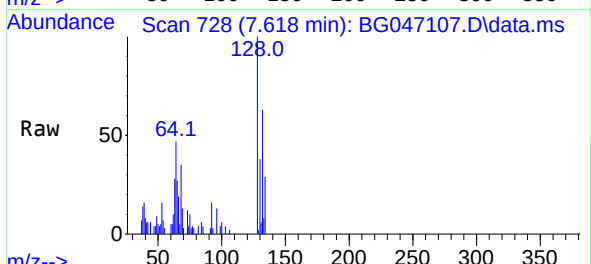
Manual Integrations  
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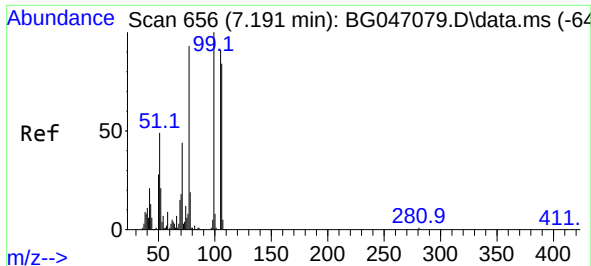
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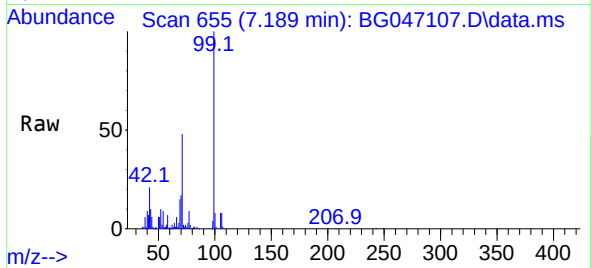
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2-Chlorophenol  
Concen: 3.63 ng  
RT: 7.618 min Scan# 728  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 9500  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 38.2  | 12.6  | 52.6  |
| 64       | 46.8  | 24.8  | 64.8  |

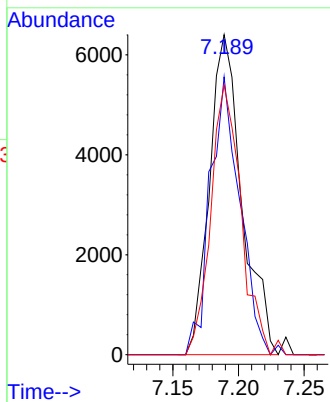




#9  
Benzaldehyde  
Concen: 5.54 ng  
RT: 7.189 min Scan# 655  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



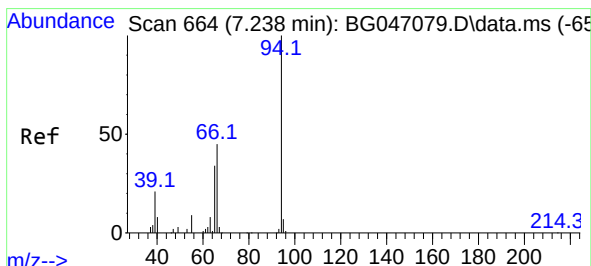
Tgt Ion: 77 Resp: 11061  
Ion Ratio Lower Upper  
77 100  
105 86.8 85.9 125.9  
106 84.2 80.9 120.9



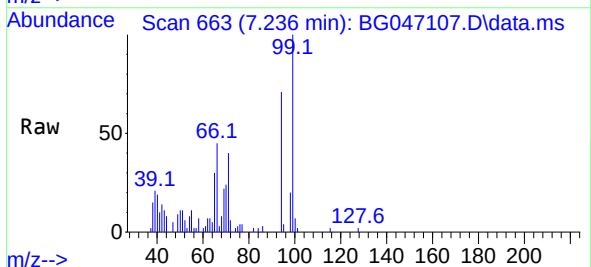
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

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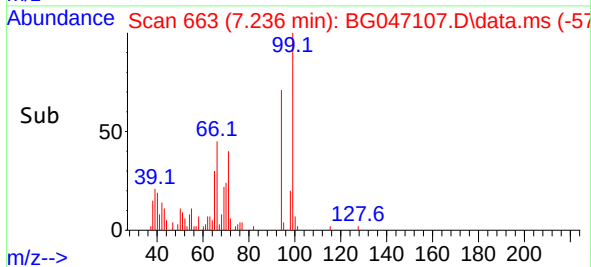
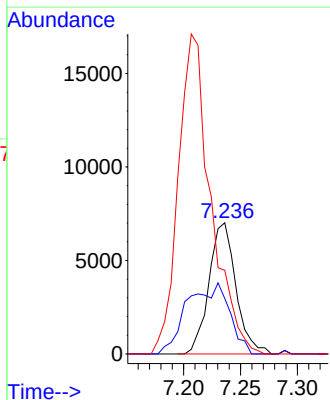
mohammad  
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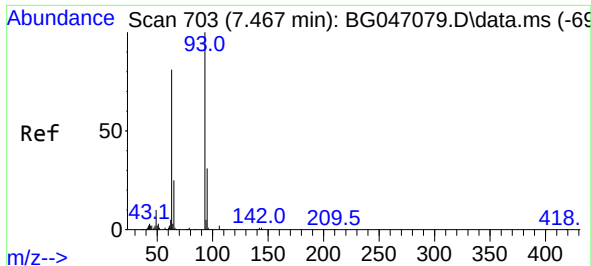
#10  
Phenol  
Concen: 3.44 ng  
RT: 7.236 min Scan# 663  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



Tgt Ion: 94 Resp: 11575  
Ion Ratio Lower Upper  
94 100  
65 42.3 6.6 46.6  
66 63.8 13.9 53.9#







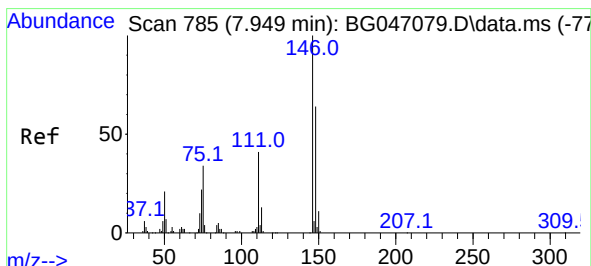
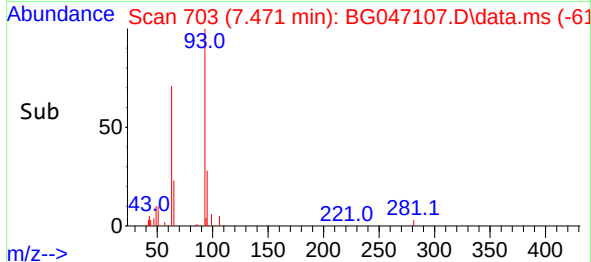
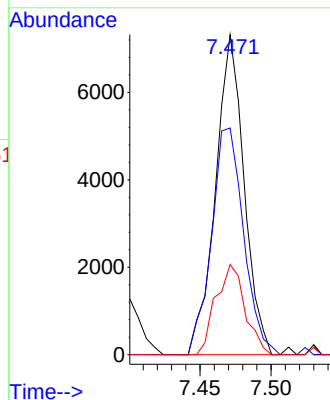
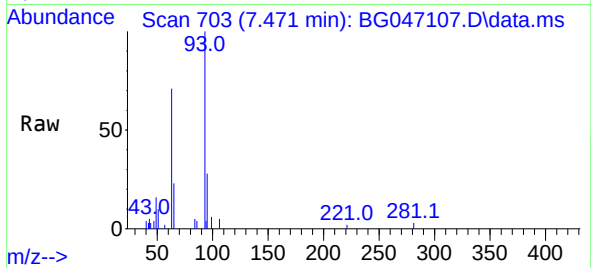
#11  
bis(2-Chloroethyl)ether  
Concen: 3.87 ng  
RT: 7.471 min Scan# 703  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion: 93 Resp: 10232  
Ion Ratio Lower Upper  
93 100  
63 70.9 56.4 96.4  
95 28.2 13.8 53.8

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

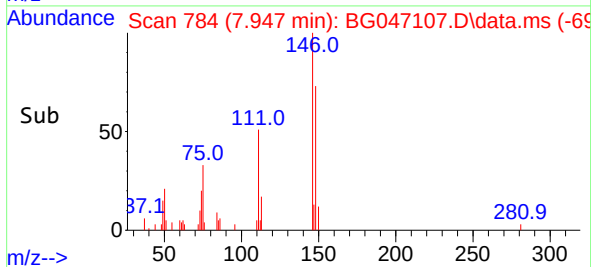
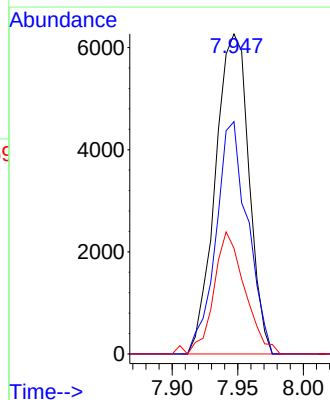
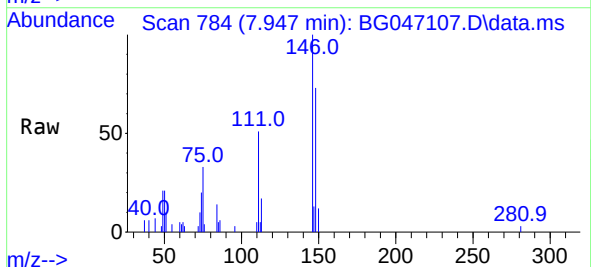
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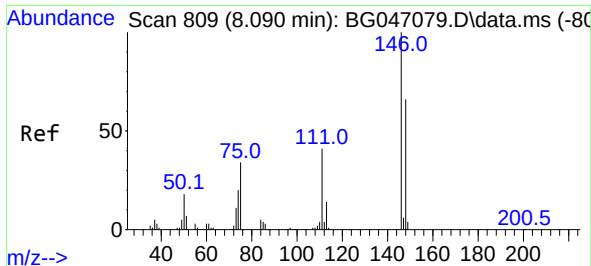
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 3.34 ng  
RT: 7.947 min Scan# 784  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion: 146 Resp: 11145  
Ion Ratio Lower Upper  
146 100  
148 72.6 50.1 75.1  
75 33.0 20.1 30.1#





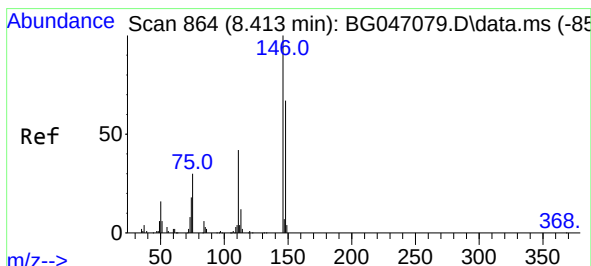
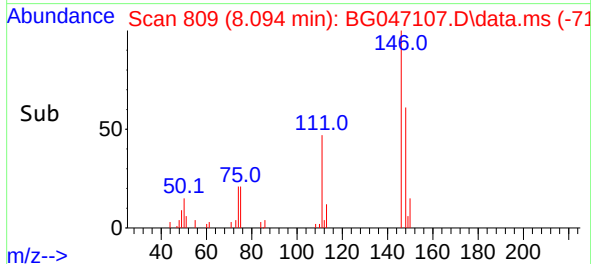
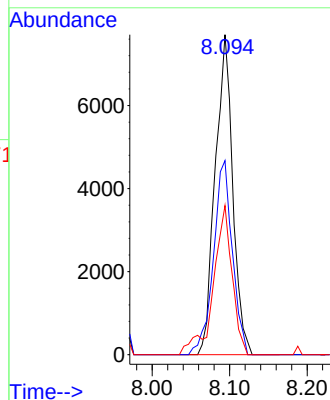
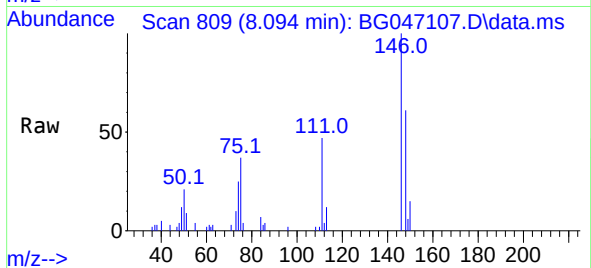
#13  
1,4-Dichlorobenzene  
Concen: 3.59 ng m  
RT: 8.094 min Scan# 809  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:146 Resp: 12103  
Ion Ratio Lower Upper  
146 100  
148 60.6 51.1 76.7  
111 46.6 29.7 44.5#

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

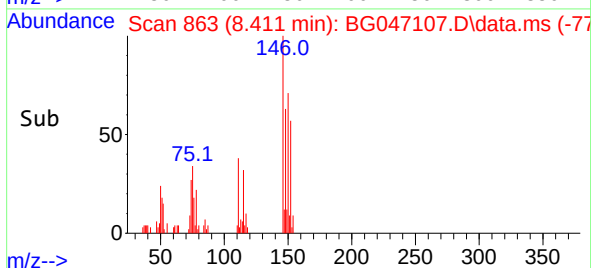
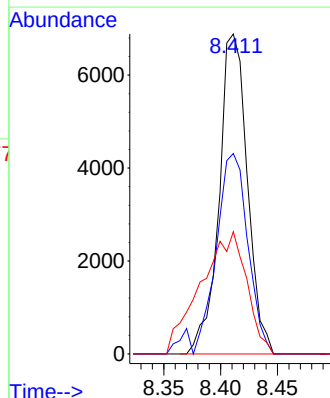
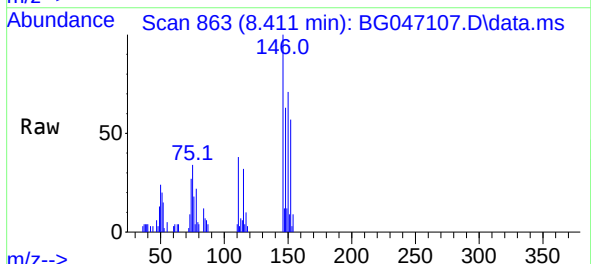
Manual Integrations  
APPROVED

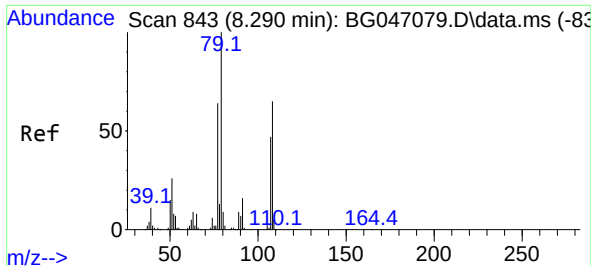
mohammad  
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#14  
1,2-Dichlorobenzene  
Concen: 3.73 ng  
RT: 8.411 min Scan# 863  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:146 Resp: 11904  
Ion Ratio Lower Upper  
146 100  
148 62.6 53.0 79.6  
111 38.2 30.7 46.1





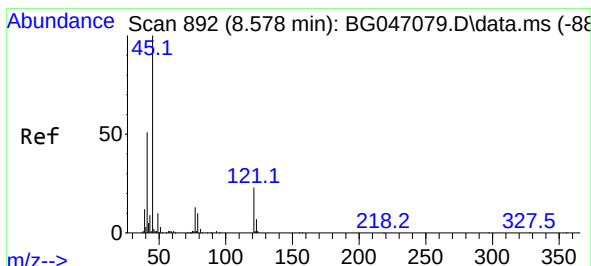
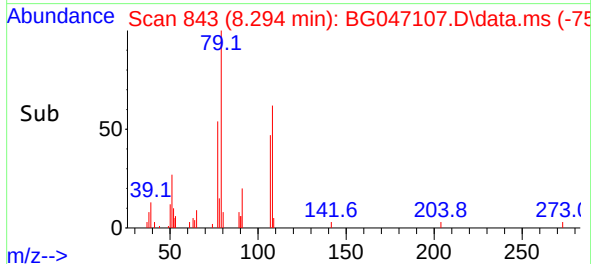
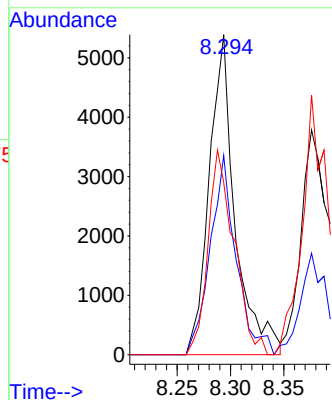
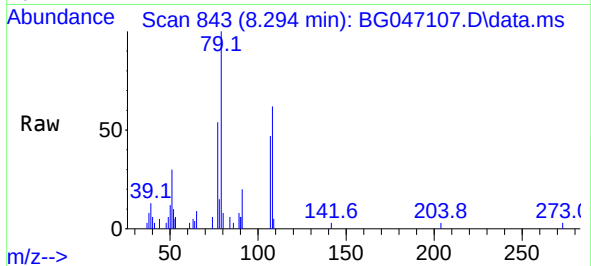
#15  
Benzyl Alcohol  
Concen: 3.28 ng  
RT: 8.294 min Scan# 843  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion: 79 Resp: 9100  
Ion Ratio Lower Upper  
79 100  
108 62.2 65.5 98.3#  
77 53.8 50.1 75.1

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

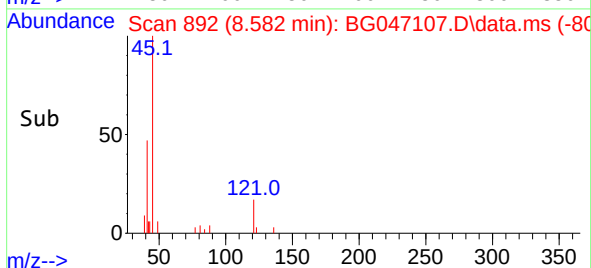
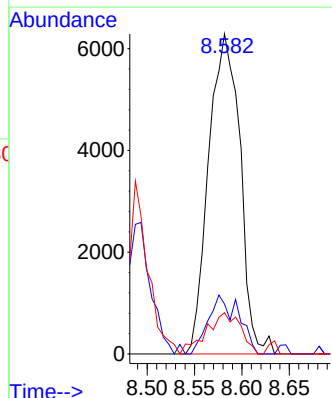
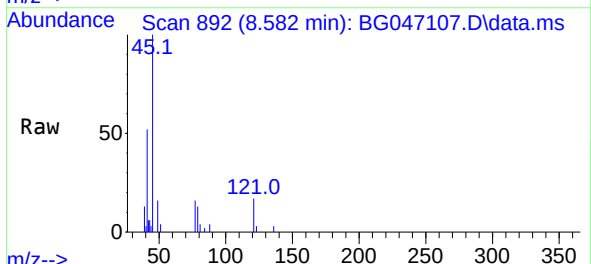
Manual Integrations  
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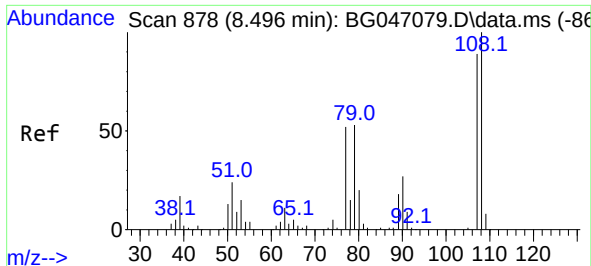
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 3.46 ng  
RT: 8.582 min Scan# 892  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion: 45 Resp: 14497  
Ion Ratio Lower Upper  
45 100  
77 15.6 0.0 33.4  
79 12.9 0.0 30.8





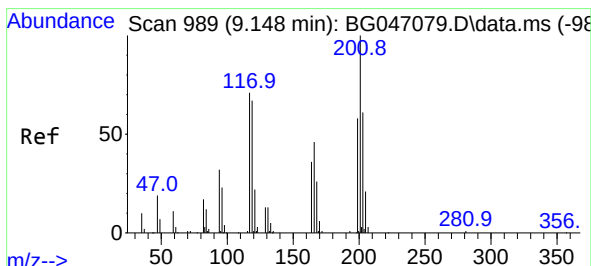
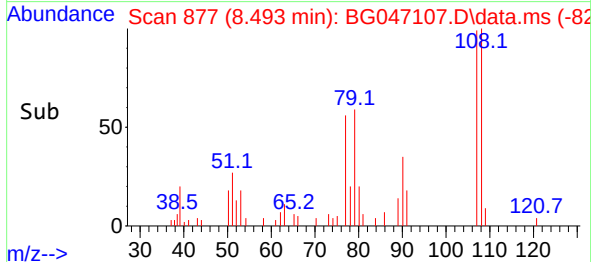
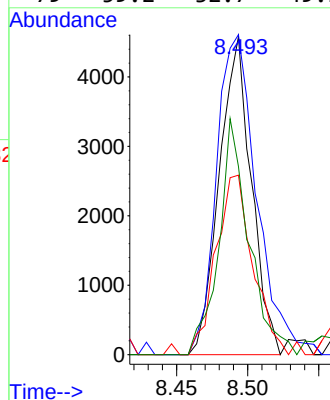
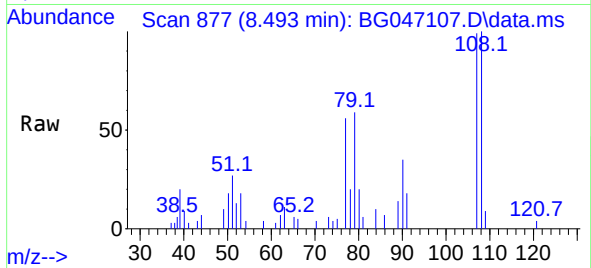
#17  
2-Methylphenol  
Concen: 3.11 ng  
RT: 8.493 min Scan# 877  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 7196  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 100.6 | 87.2  | 130.8 |
| 77       | 56.5  | 33.8  | 50.8# |
| 79       | 59.2  | 32.7  | 49.1# |

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

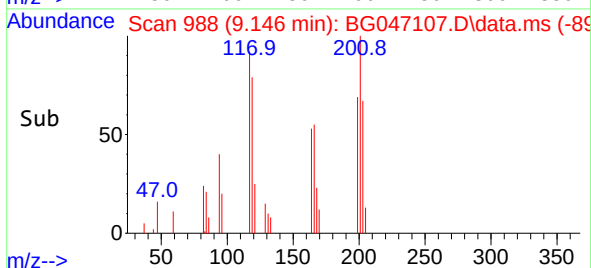
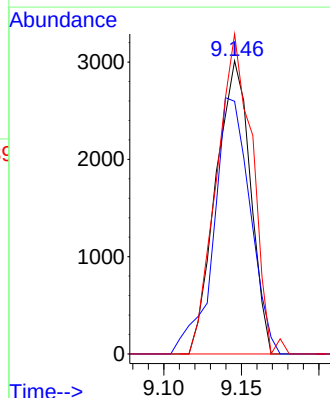
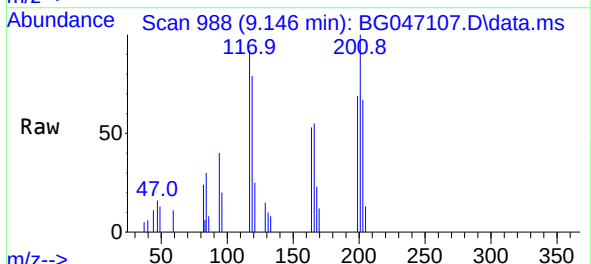
Manual Integrations  
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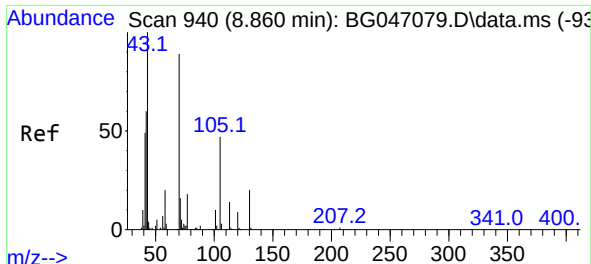
mohammad  
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#18  
Hexachloroethane  
Concen: 3.70 ng  
RT: 9.146 min Scan# 988  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 4662  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 86.2  | 77.5  | 116.3 |
| 201      | 109.2 | 104.9 | 157.3 |





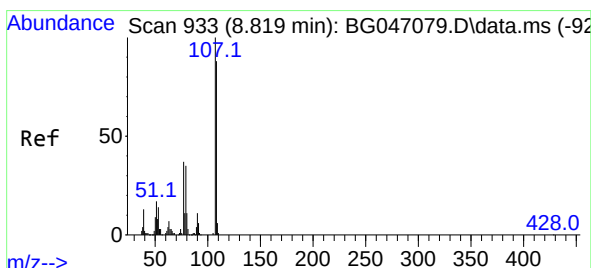
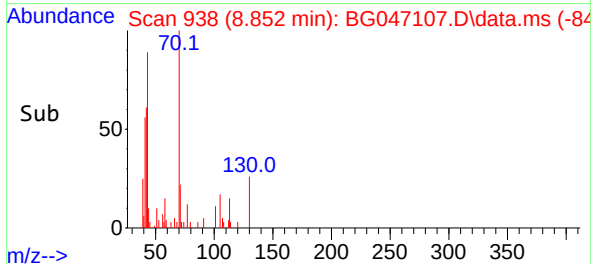
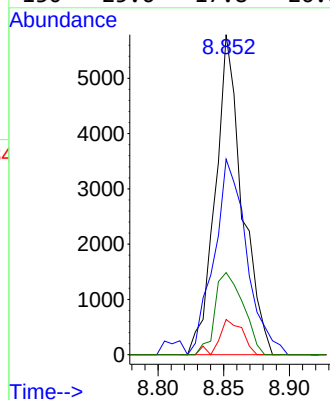
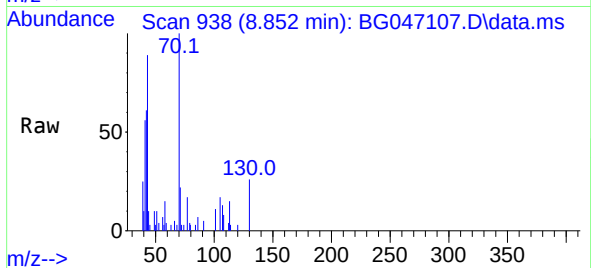
#19  
n-Nitroso-di-n-propylamine  
Concen: 3.40 ng  
RT: 8.852 min Scan# 938  
Delta R.T. -0.008 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 8246  |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 61.1  | 45.6  | 68.4  |
| 101      | 11.0  | 8.4   | 12.6  |
| 130      | 25.6  | 17.8  | 26.8  |

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

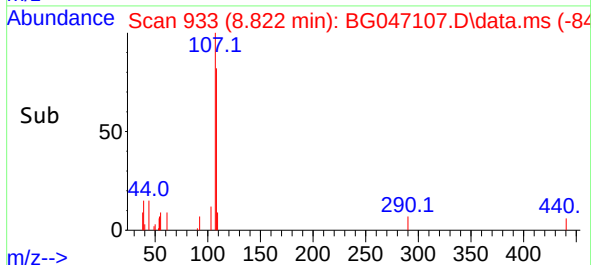
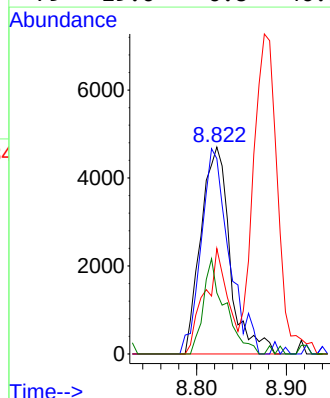
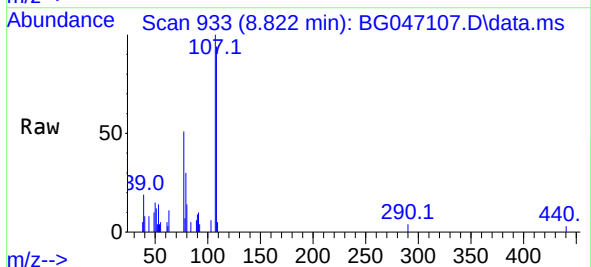
Manual Integrations  
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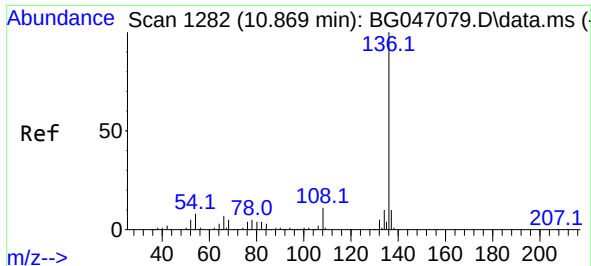
mohammad  
10/29/2020 10:43:50 AM



#20  
3+4-Methylphenols  
Concen: 3.38 ng  
RT: 8.822 min Scan# 933  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

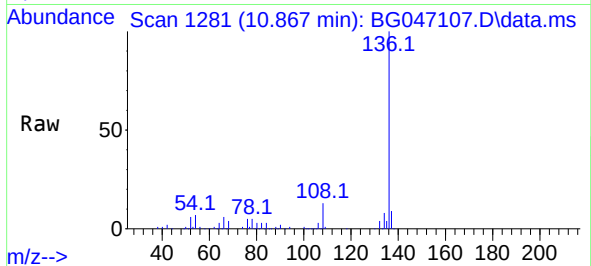
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 10551 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 94.4  | 70.6  | 110.6 |
| 77       | 51.0  | 10.2  | 50.2# |
| 79       | 29.6  | 6.8   | 46.8  |





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.867 min Scan# 1281  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

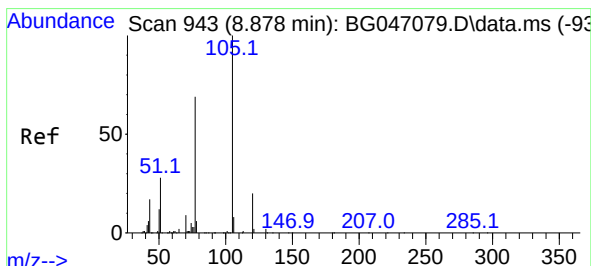
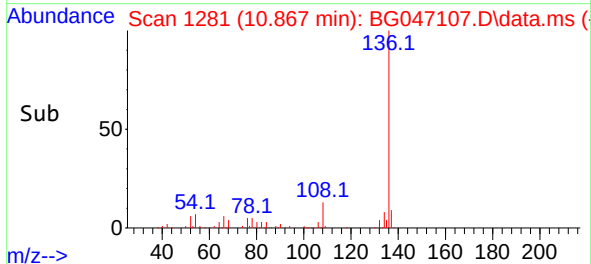
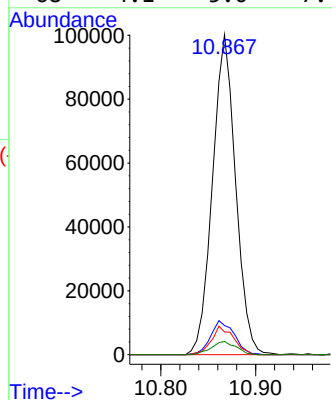
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020



Tgt Ion:136 Resp: 170008  
Ion Ratio Lower Upper  
136 100  
137 9.1 9.1 13.7  
54 7.1 6.2 9.4  
68 4.1 5.0 7.4#

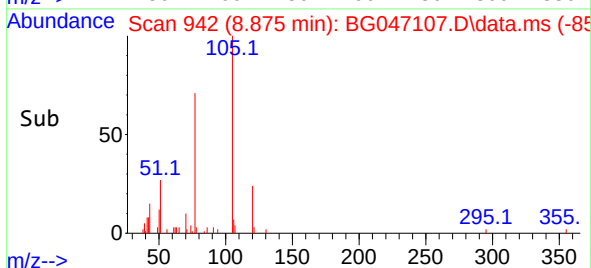
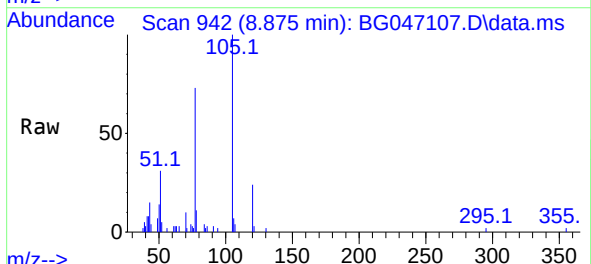
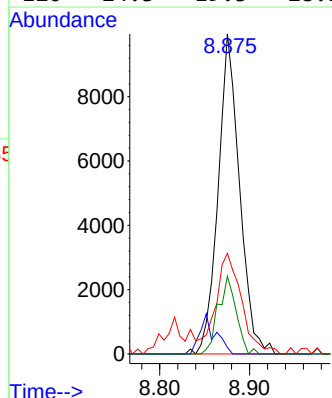
Manual Integrations  
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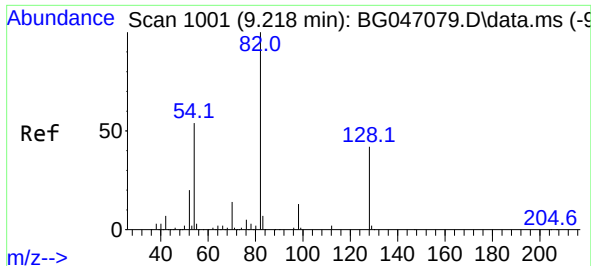
mohammad  
10/29/2020 10:43:50 AM



#22  
Acetophenone  
Concen: 3.61 ng  
RT: 8.875 min Scan# 942  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

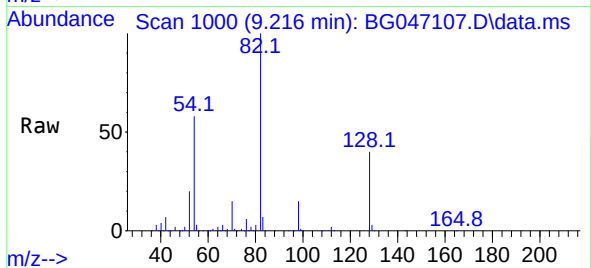
Tgt Ion:105 Resp: 16521  
Ion Ratio Lower Upper  
105 100  
71 2.1 2.7 4.1#  
51 31.5 21.0 31.6  
120 24.3 19.3 28.9





#23  
Nitrobenzene-d5  
Concen: 94.95 ng  
RT: 9.216 min Scan# 1000  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

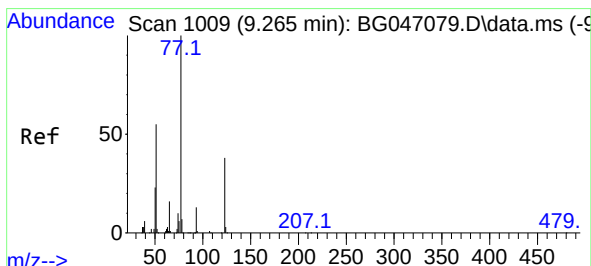
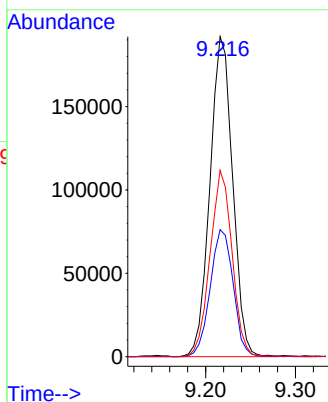
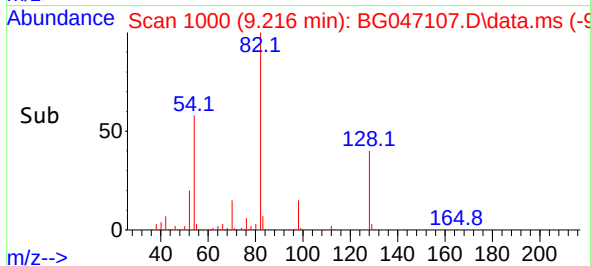
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020



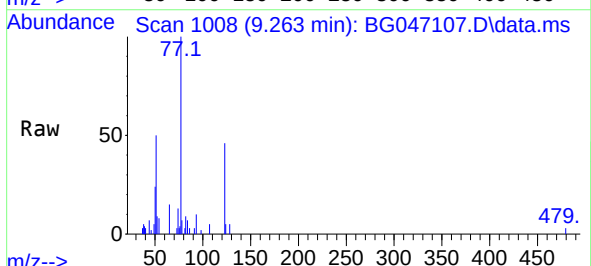
Tgt Ion: 82 Resp: 337088  
Ion Ratio Lower Upper  
82 100  
128 39.7 37.0 55.6  
54 58.2 39.0 58.4

Manual Integrations  
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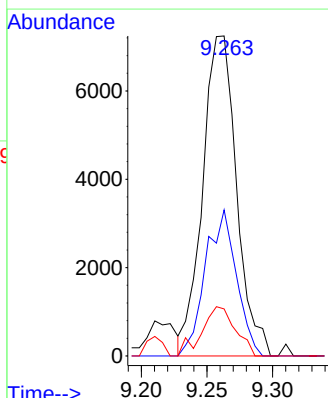
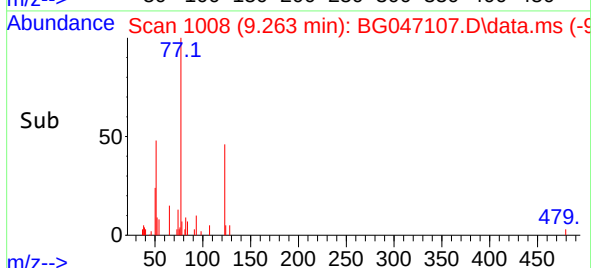
mohammad  
10/29/2020 10:43:50 AM

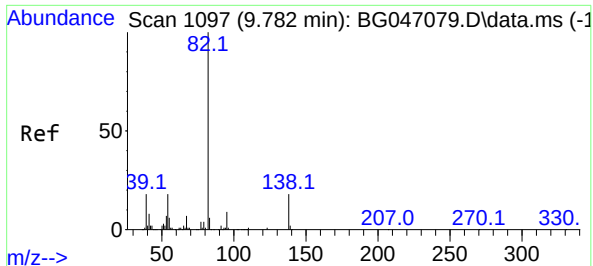


#24  
Nitrobenzene  
Concen: 3.54 ng  
RT: 9.263 min Scan# 1008  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



Tgt Ion: 77 Resp: 13058  
Ion Ratio Lower Upper  
77 100  
123 45.6 39.7 59.5  
65 14.7 10.4 15.6





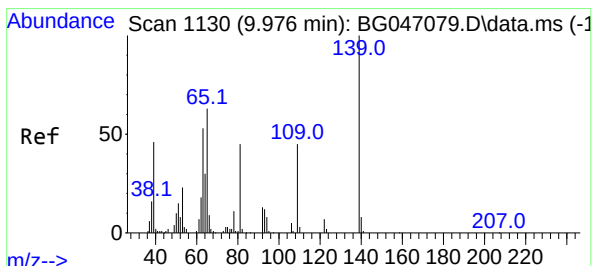
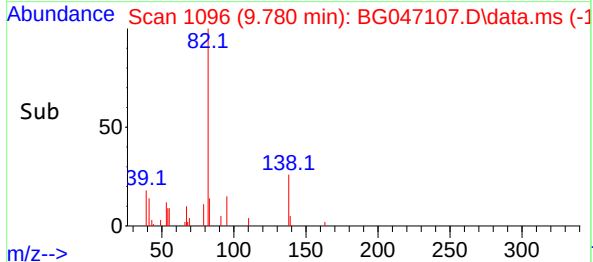
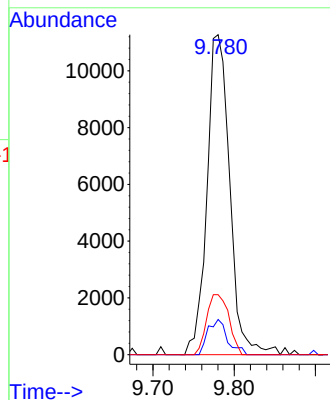
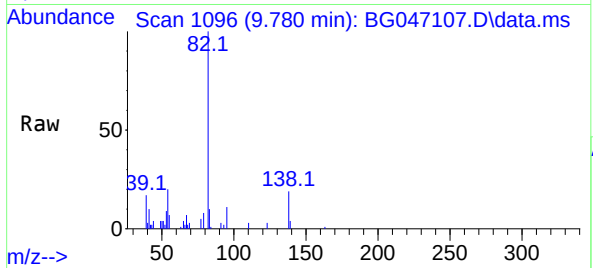
#25  
Isophorone  
Concen: 3.45 ng  
RT: 9.780 min Scan# 1096  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
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Tgt Ion: 82 Resp: 21928  
Ion Ratio Lower Upper  
82 100  
95 11.0 5.6 8.4#  
138 18.8 15.8 23.6

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

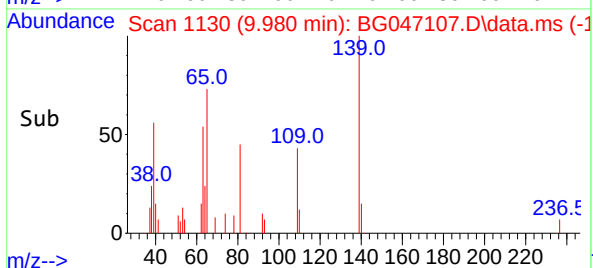
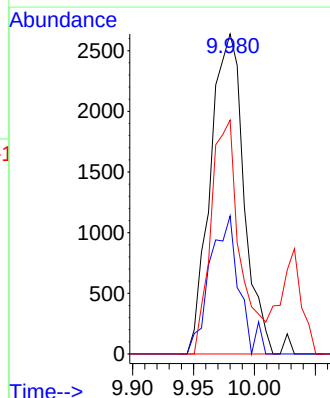
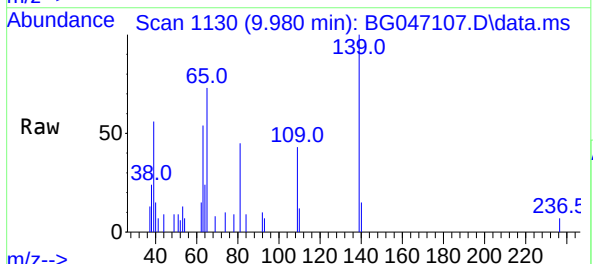
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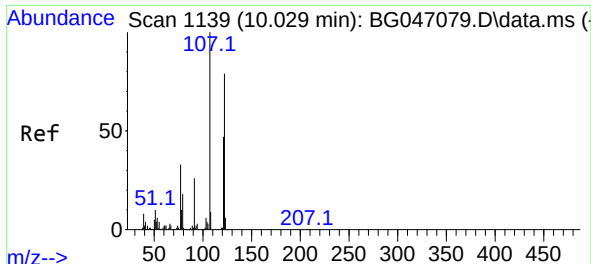


#26  
2-Nitrophenol  
Concen: 3.16 ng  
RT: 9.980 min Scan# 1130  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:139 Resp: 5050  
Ion Ratio Lower Upper  
139 100  
109 43.1 20.7 31.1#  
65 73.1 36.1 54.1#







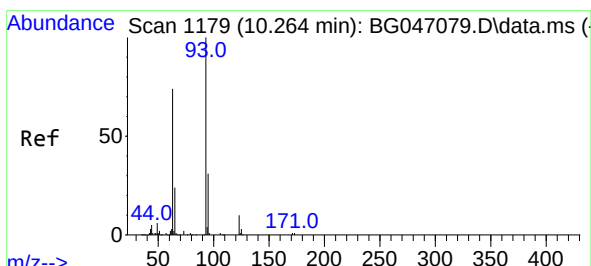
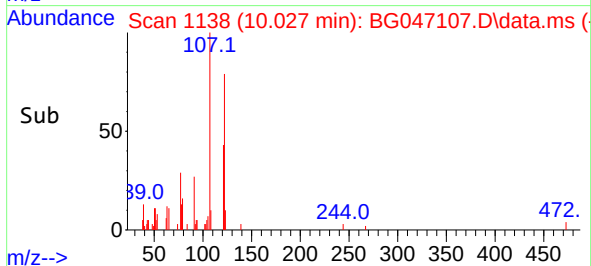
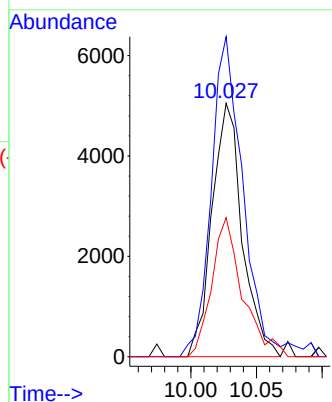
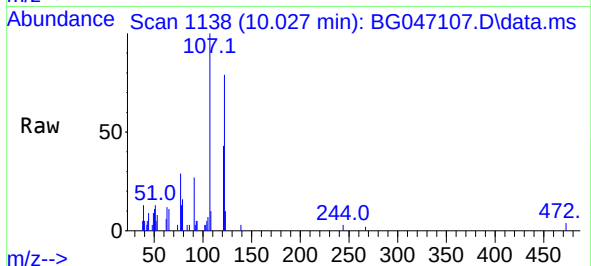
#27  
2,4-Dimethylphenol  
Concen: 3.70 ng  
RT: 10.027 min Scan# 1138  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 8081  |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 126.3 | 89.2  | 133.8 |
| 121      | 54.9  | 46.9  | 70.3  |

Instrument :  
BNA\_G  
ClientSampleId :  
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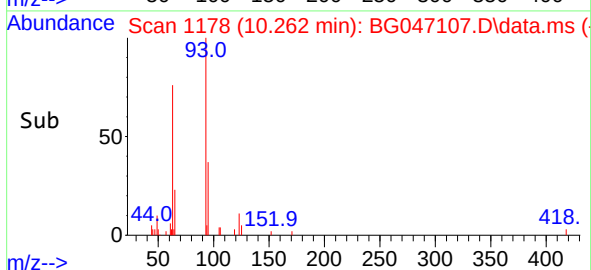
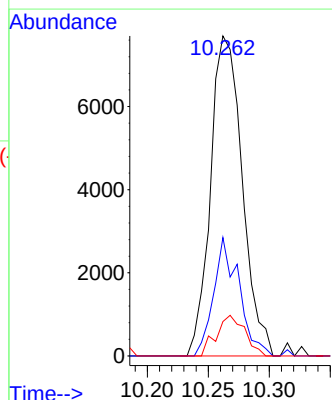
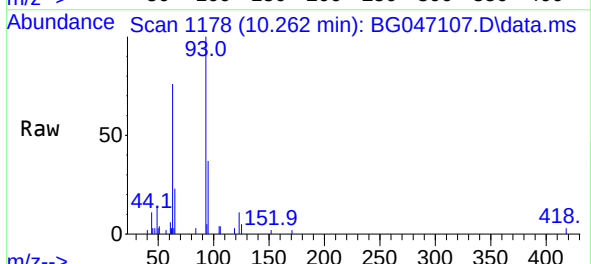
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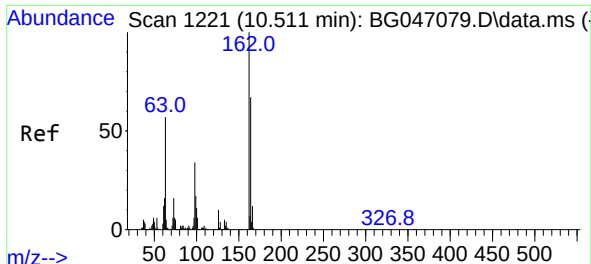
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#28  
bis(2-Chloroethoxy)methane  
Concen: 3.56 ng  
RT: 10.262 min Scan# 1178  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 13958 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 37.0  | 26.5  | 39.7  |
| 123      | 10.8  | 9.4   | 14.0  |





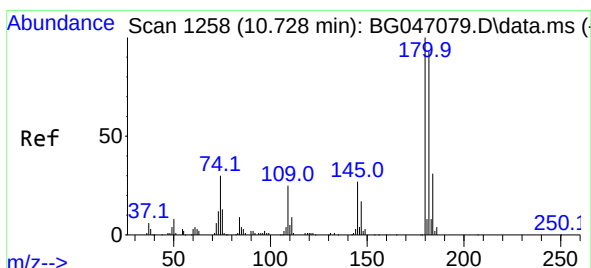
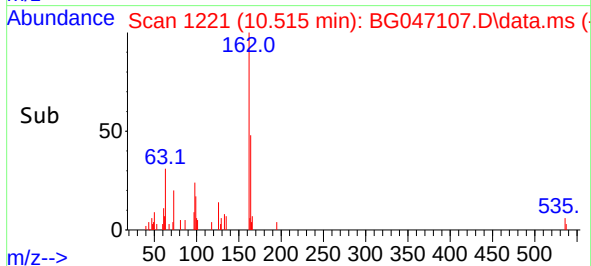
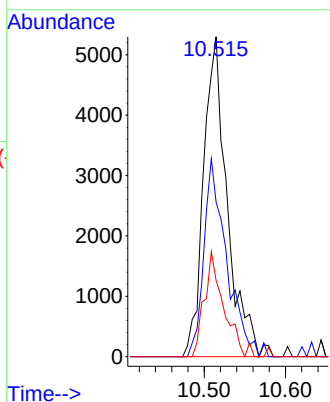
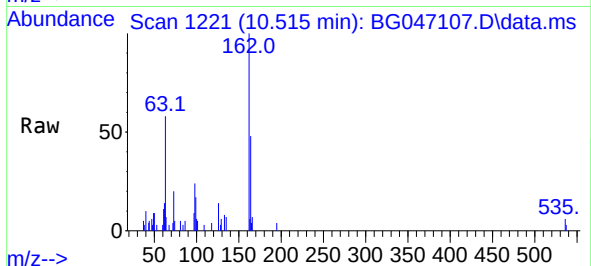
#29  
2,4-Dichlorophenol  
Concen: 3.58 ng  
RT: 10.515 min Scan# 1221  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 10759 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 48.2  | 45.6  | 85.6  |
| 98        | 23.8  | 11.0  | 51.0  |

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

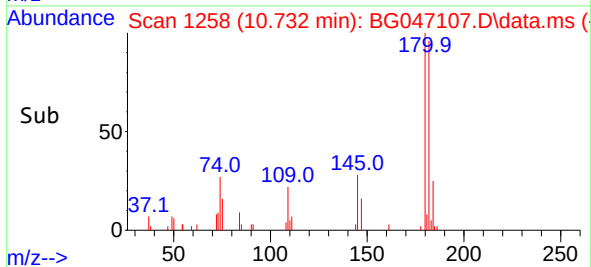
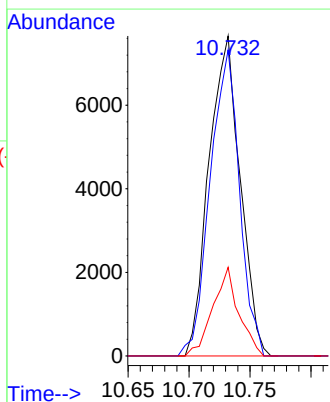
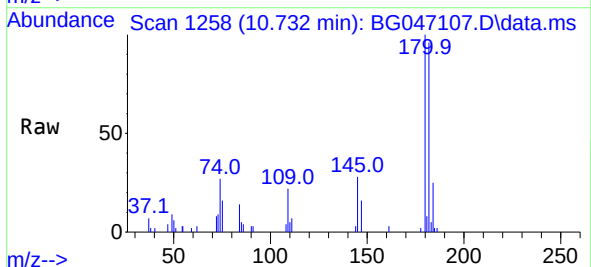
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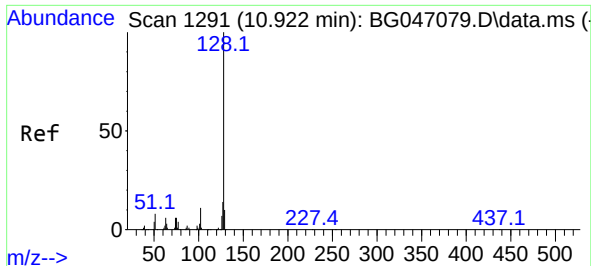
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#30  
1,2,4-Trichlorobenzene  
Concen: 3.68 ng  
RT: 10.732 min Scan# 1258  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

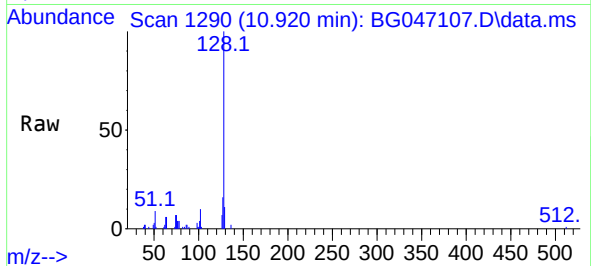
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 13627 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.7  | 76.9  | 115.3 |
| 145       | 27.7  | 21.4  | 32.0  |





#31  
Naphthalene  
Concen: 3.70 ng  
RT: 10.920 min Scan# 1290  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

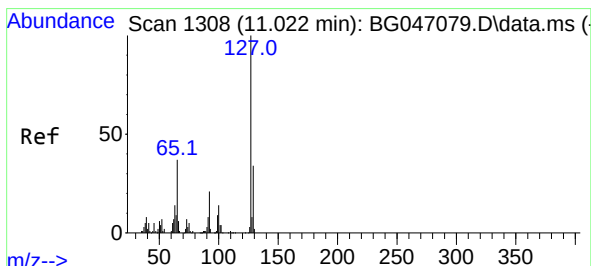
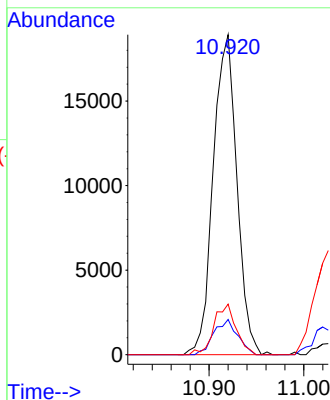
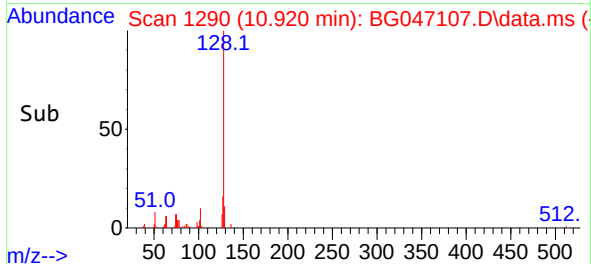
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020



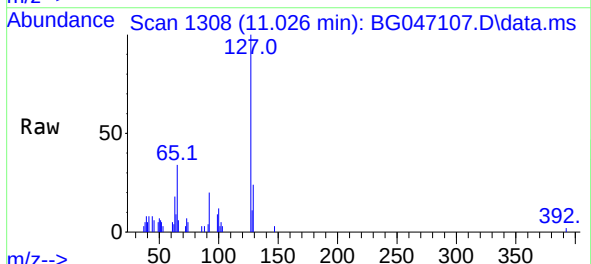
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 32878 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.0  | 9.0   | 13.6  |
| 127      | 15.8  | 11.0  | 16.4  |

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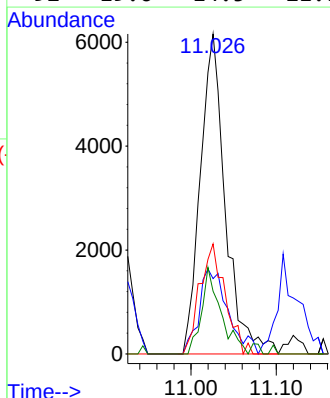
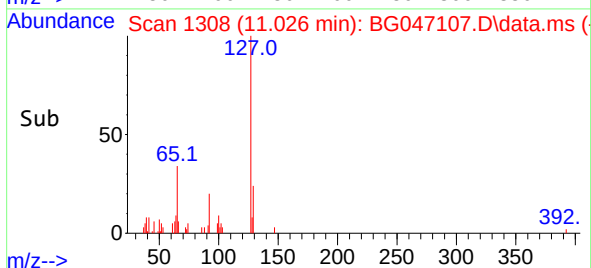
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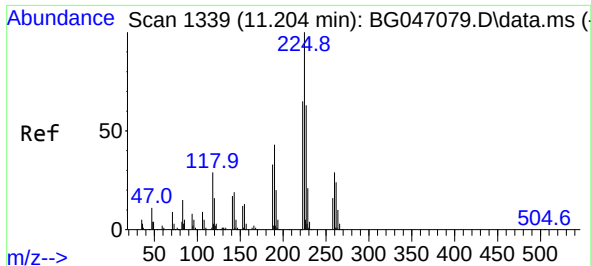


#33  
4-Chloroaniline  
Concen: 3.25 ng  
RT: 11.026 min Scan# 1308  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



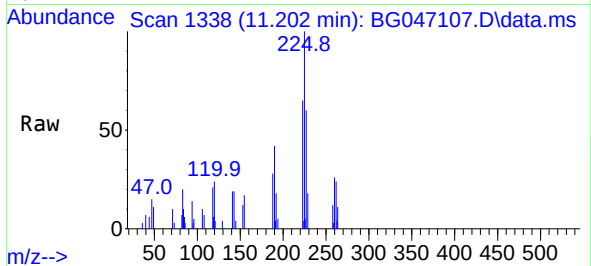
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 12579 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 23.5  | 26.8  | 40.2# |
| 65       | 34.4  | 23.8  | 35.6  |
| 92       | 19.6  | 14.5  | 21.7  |





#34  
Hexachlorobutadiene  
Concen: 3.34 ng  
RT: 11.202 min Scan# 1338  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

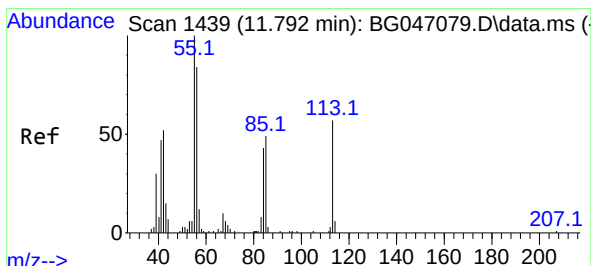
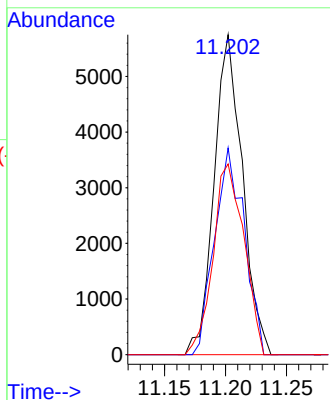
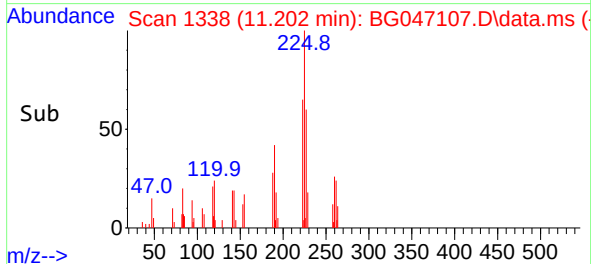
Instrument :  
BNA\_G  
ClientSampleId :  
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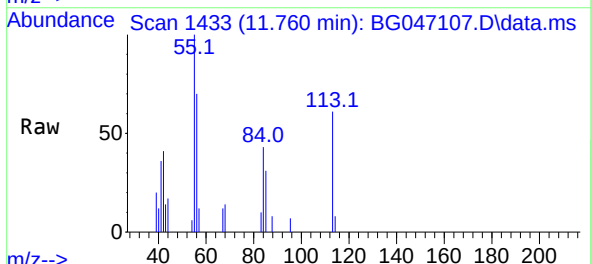
Tgt Ion:225 Resp: 9289  
Ion Ratio Lower Upper  
225 100  
223 61.7 49.5 74.3  
227 56.9 52.0 78.0

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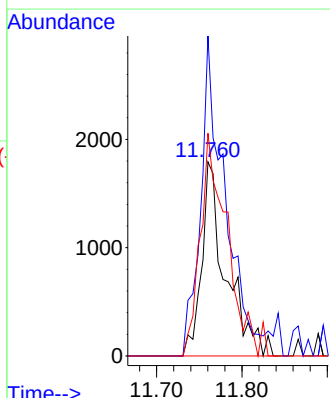
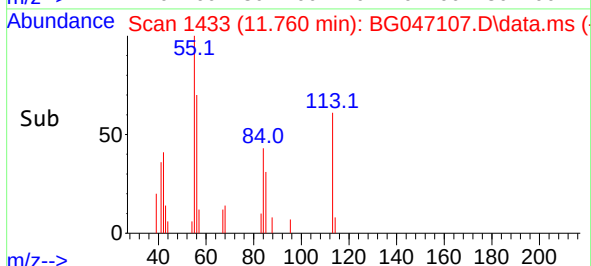
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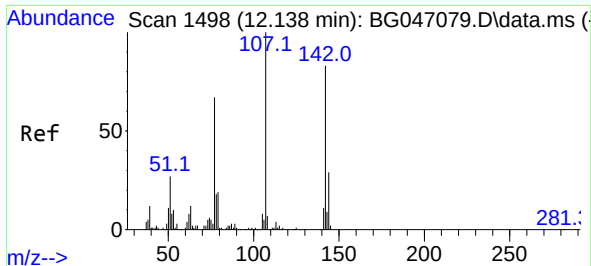


#35  
Caprolactam  
Concen: 3.52 ng  
RT: 11.760 min Scan# 1433  
Delta R.T. -0.032 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



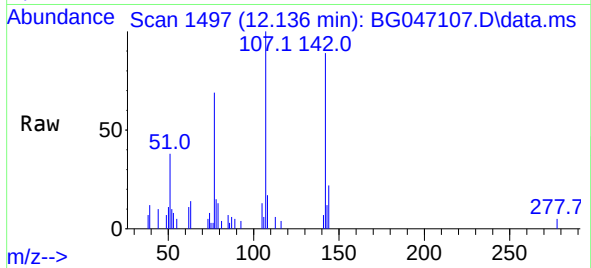
Tgt Ion:113 Resp: 3521  
Ion Ratio Lower Upper  
113 100  
55 164.9 149.2 189.2  
56 114.8 107.2 147.2





#36  
4-Chloro-3-methylphenol  
Concen: 3.10 ng  
RT: 12.136 min Scan# 1497  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

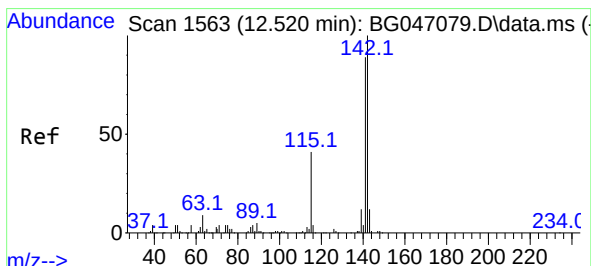
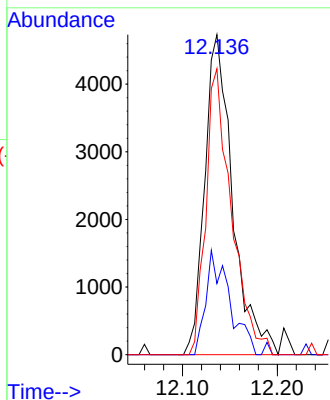
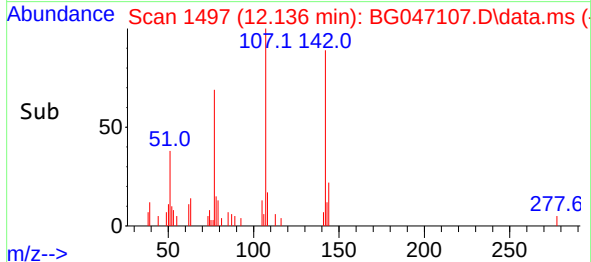
Instrument :  
BNA\_G  
ClientSampleId :  
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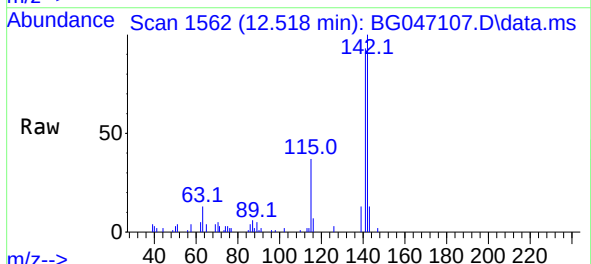
Tgt Ion:107 Resp: 9678  
Ion Ratio Lower Upper  
107 100  
144 22.2 22.5 33.7#  
142 89.3 70.8 106.2

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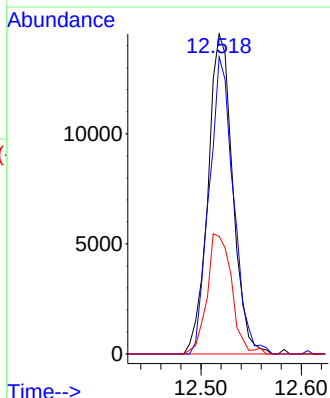
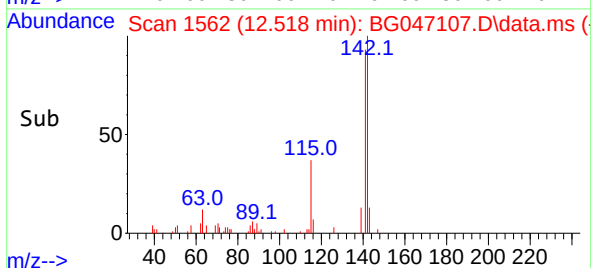
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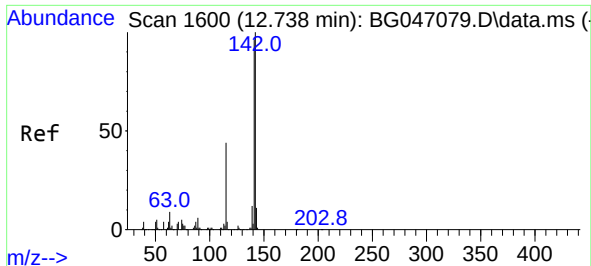


#37  
2-Methylnaphthalene  
Concen: 3.60 ng  
RT: 12.518 min Scan# 1562  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



Tgt Ion:142 Resp: 24827  
Ion Ratio Lower Upper  
142 100  
141 92.9 71.6 107.4  
115 36.8 25.4 38.2





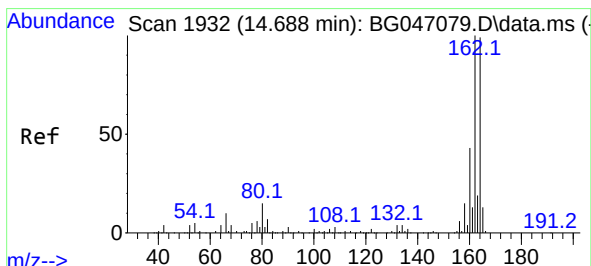
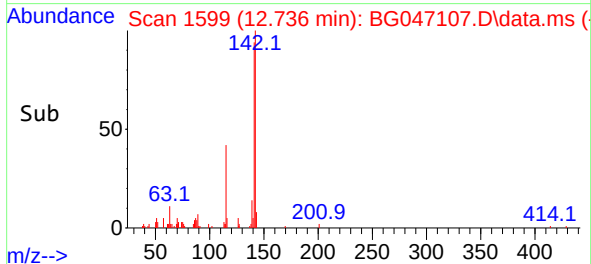
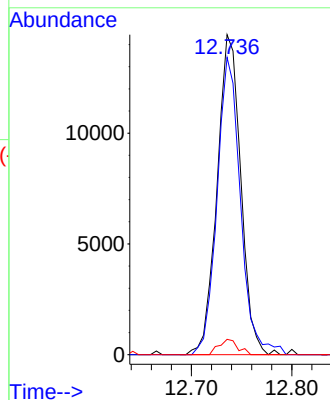
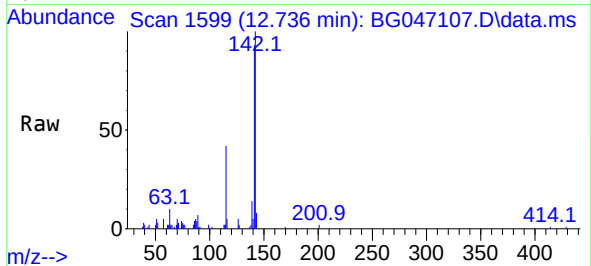
#38  
1-Methylnaphthalene  
Concen: 3.62 ng  
RT: 12.736 min Scan# 1599  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:142 Resp: 23676  
Ion Ratio Lower Upper  
142 100  
141 92.9 75.4 113.2  
116 4.8 2.9 4.3#

Instrument :  
BNA\_G  
ClientSampleId :  
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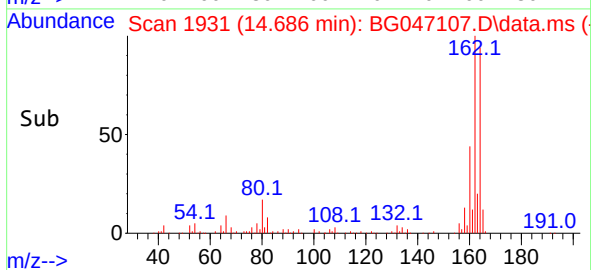
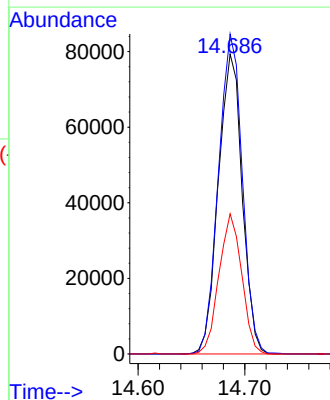
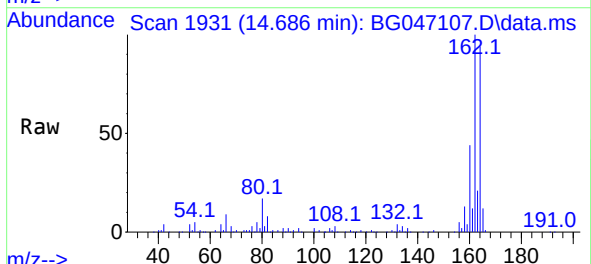
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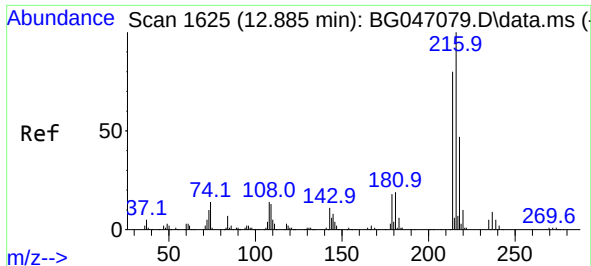
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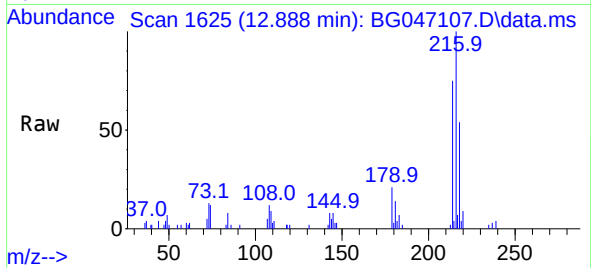
#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.686 min Scan# 1931  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:164 Resp: 123030  
Ion Ratio Lower Upper  
164 100  
162 106.7 82.3 123.5  
160 46.7 35.3 52.9

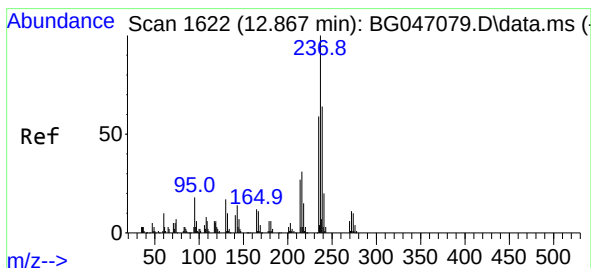
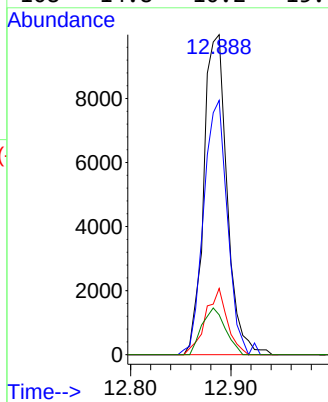
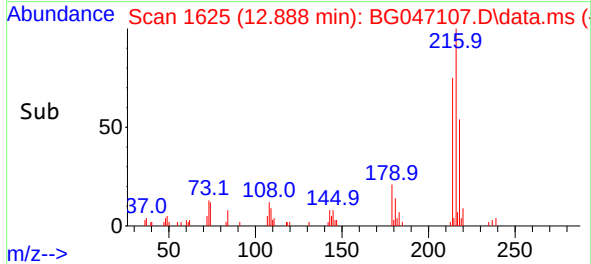




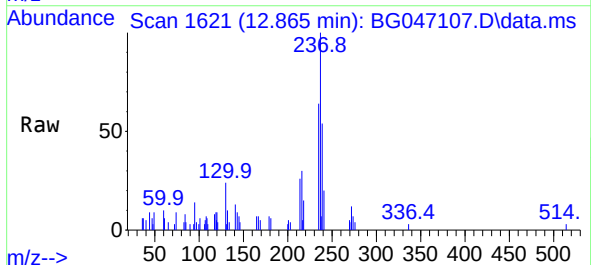
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 3.59 ng  
RT: 12.888 min Scan# 1625  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



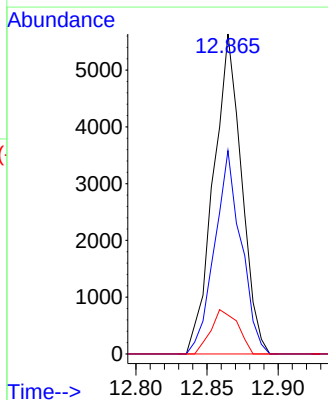
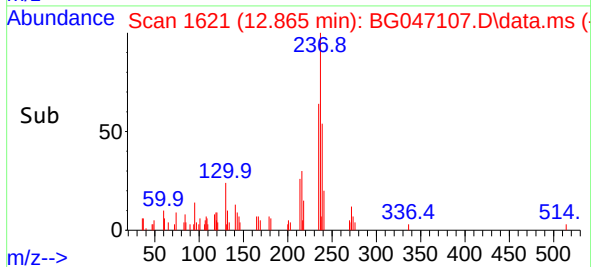
Tgt Ion:216 Resp: 16113  
Ion Ratio Lower Upper  
216 100  
214 81.1 61.9 92.9  
179 19.3 14.8 22.2  
108 14.8 10.2 15.4



#41  
Hexachlorocyclopentadiene  
Concen: 3.16 ng  
RT: 12.865 min Scan# 1621  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



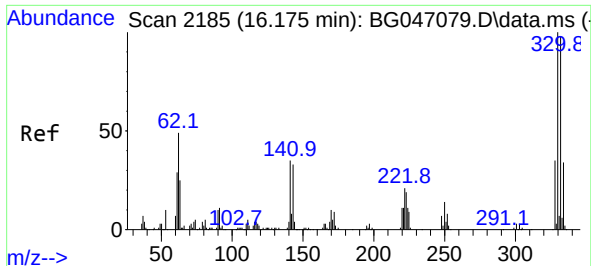
Tgt Ion:237 Resp: 7752  
Ion Ratio Lower Upper  
237 100  
235 63.5 43.1 83.1  
272 12.2 0.0 33.1



Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

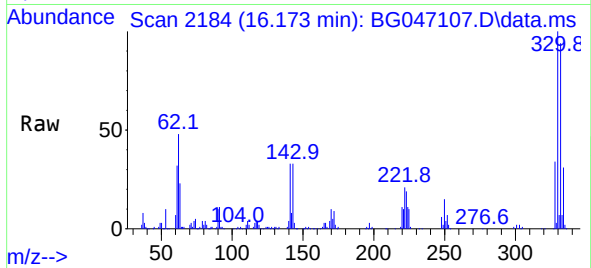
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#42  
2,4,6-Tribromophenol  
Concen: 140.88 ng  
RT: 16.173 min Scan# 2184  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

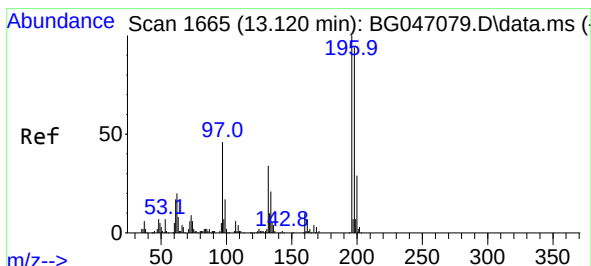
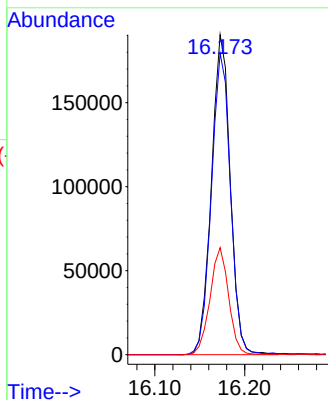
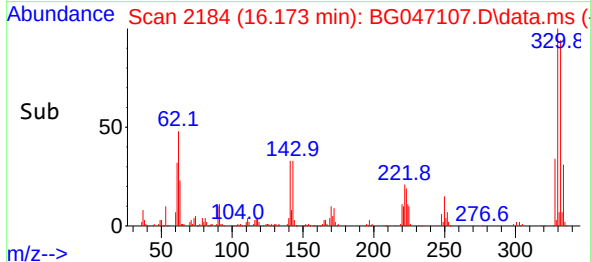
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020



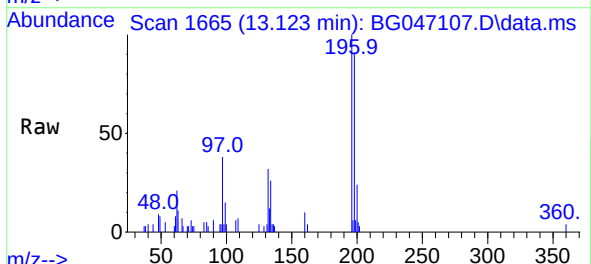
Tgt Ion:330 Resp: 277815  
Ion Ratio Lower Upper  
330 100  
332 95.1 76.5 114.7  
141 33.1 26.0 39.0

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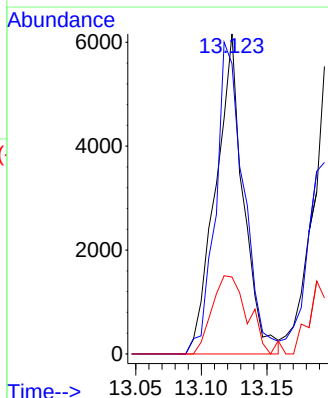
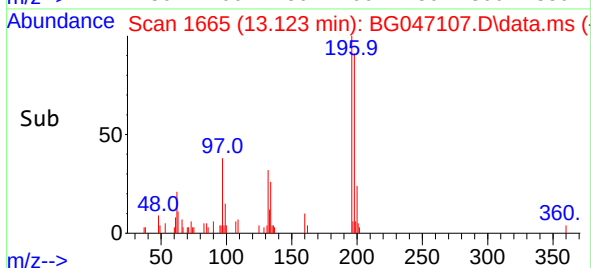
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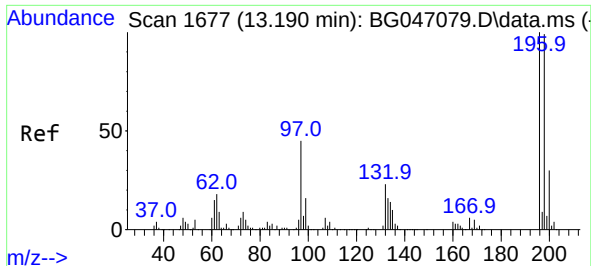
#43  
2,4,6-Trichlorophenol  
Concen: 3.09 ng  
RT: 13.123 min Scan# 1665  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



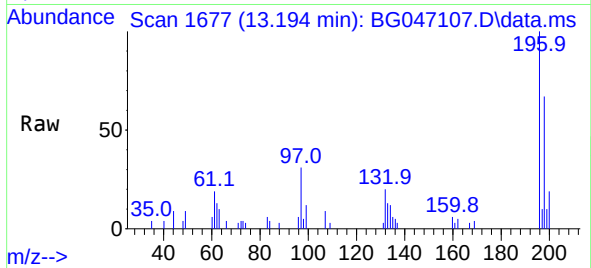
Tgt Ion:196 Resp: 9047  
Ion Ratio Lower Upper  
196 100  
198 90.8 74.9 112.3  
200 24.1 25.3 37.9#



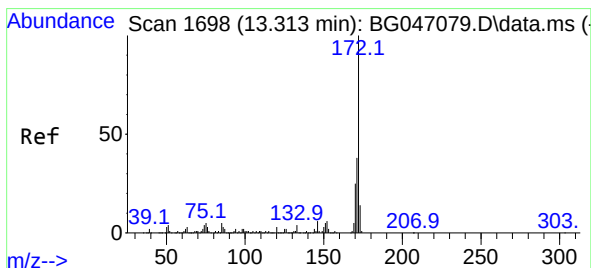
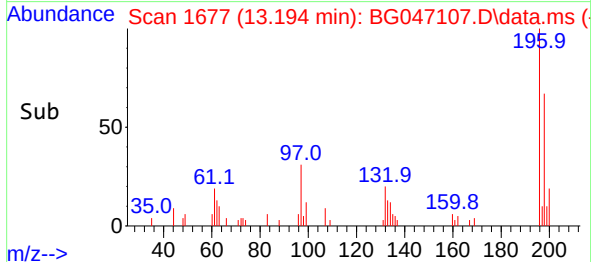
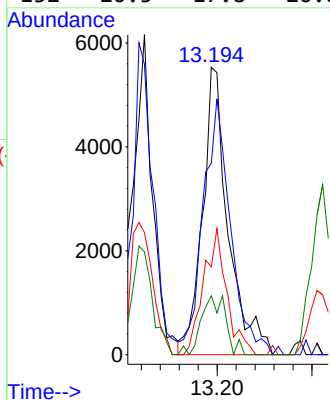




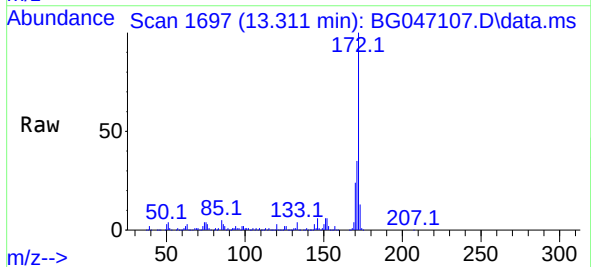
#44  
2,4,5-Trichlorophenol  
Concen: 3.49 ng  
RT: 13.194 min Scan# 1677  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



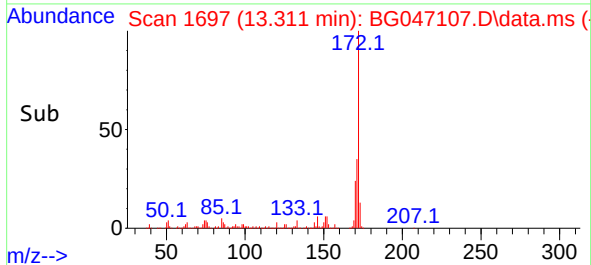
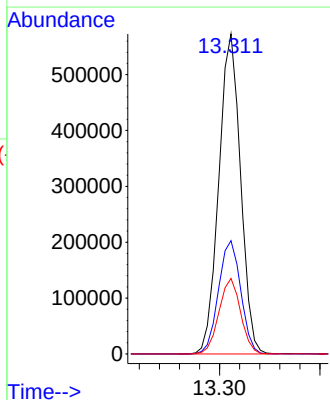
Tgt Ion:196 Resp: 10394  
Ion Ratio Lower Upper  
196 100  
198 66.6 77.6 116.4#  
97 30.6 28.6 43.0  
132 20.5 17.8 26.8



#45  
2-Fluorobiphenyl  
Concen: 98.85 ng  
RT: 13.311 min Scan# 1697  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



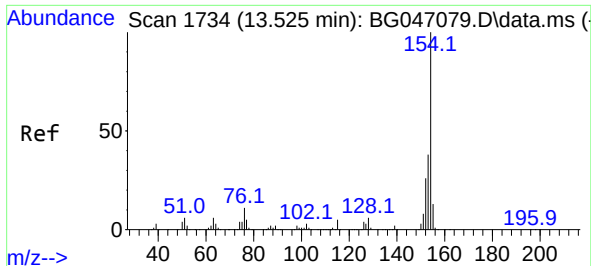
Tgt Ion:172 Resp: 860156  
Ion Ratio Lower Upper  
172 100  
171 35.4 31.3 46.9  
170 23.6 20.8 31.2



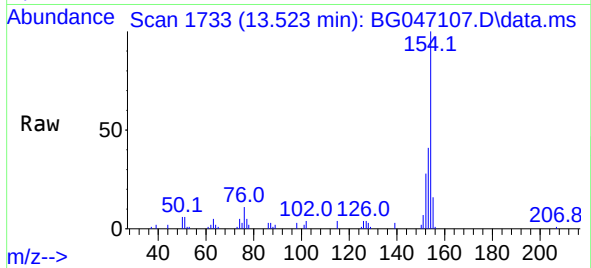
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

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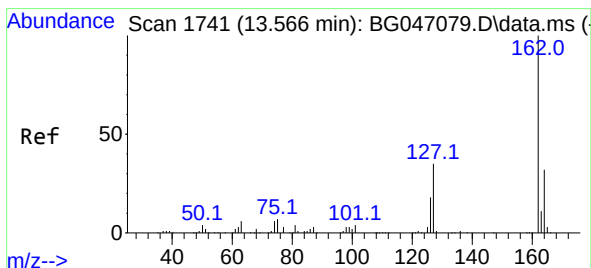
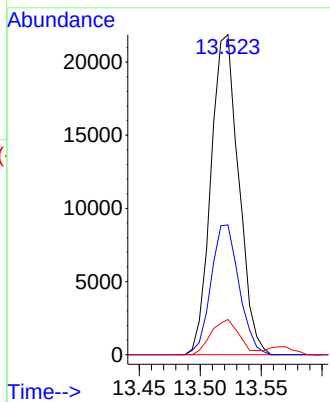
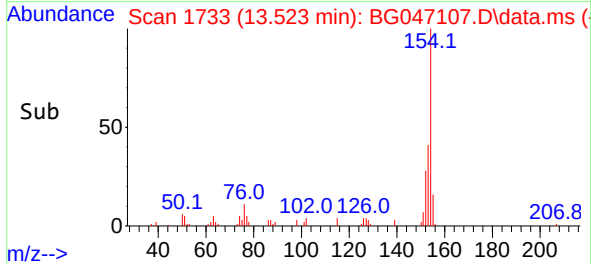
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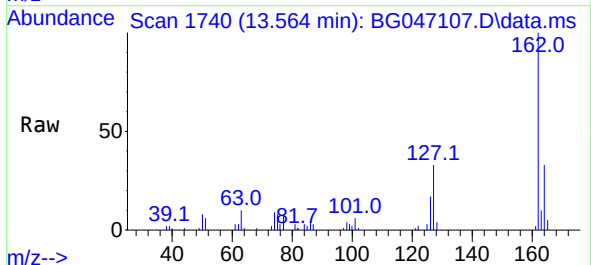
#46  
1,1'-Biphenyl  
Concen: 3.72 ng  
RT: 13.523 min Scan# 1733  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



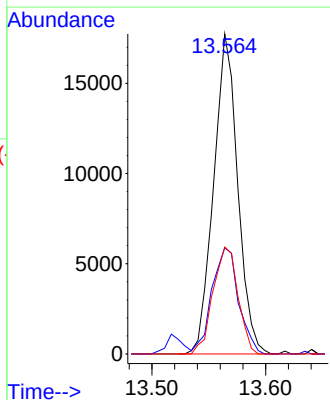
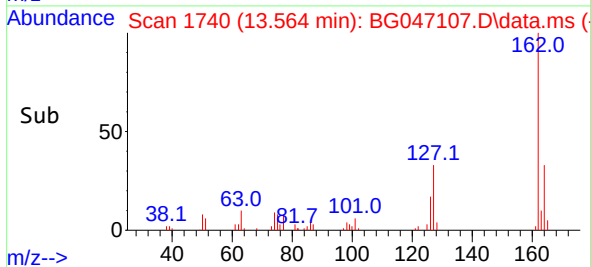
Tgt Ion:154 Resp: 34638  
Ion Ratio Lower Upper  
154 100  
153 40.6 22.6 62.6  
76 11.0 0.0 32.6



#47  
2-Chloronaphthalene  
Concen: 3.39 ng  
RT: 13.564 min Scan# 1740  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



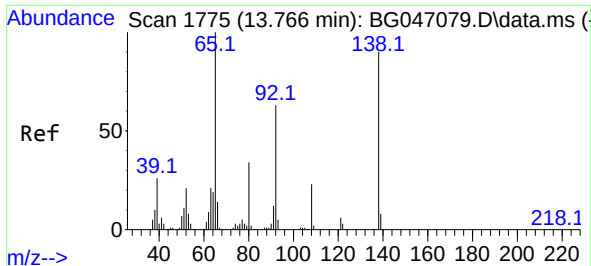
Tgt Ion:162 Resp: 26012  
Ion Ratio Lower Upper  
162 100  
127 33.2 27.8 41.6  
164 33.4 27.0 40.4



Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

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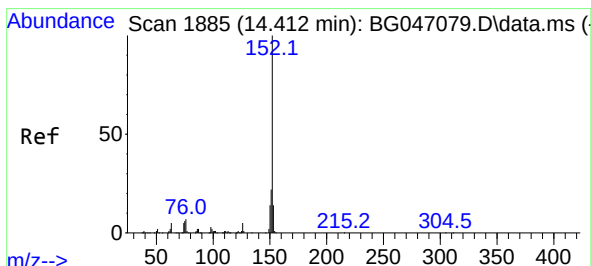
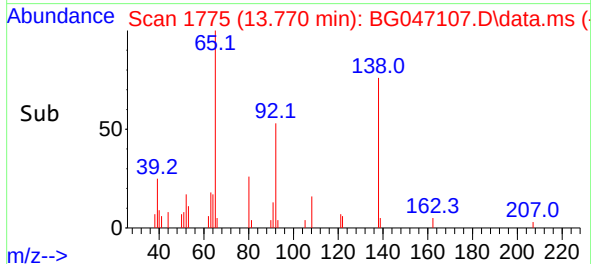
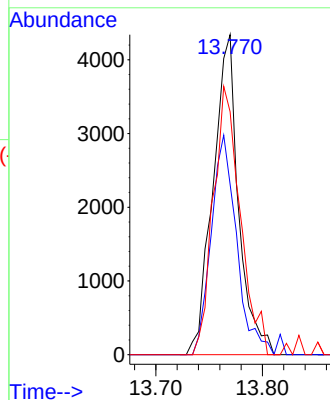
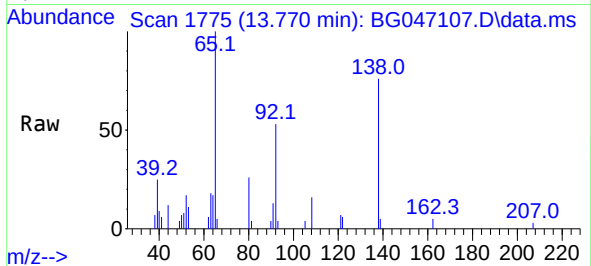
#48  
2-Nitroaniline  
Concen: 2.89 ng  
RT: 13.770 min Scan# 1775  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion: 65 Resp: 7221  
Ion Ratio Lower Upper  
65 100  
92 53.2 58.6 88.0#  
138 75.9 98.2 147.4#

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

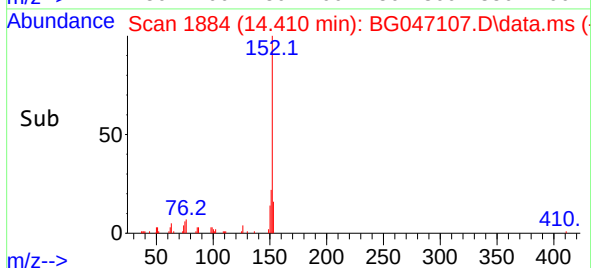
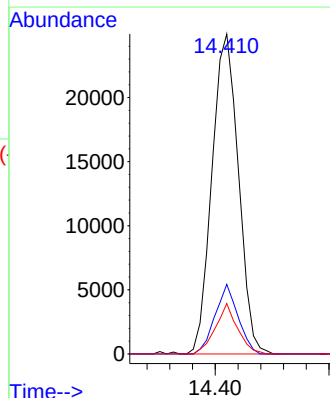
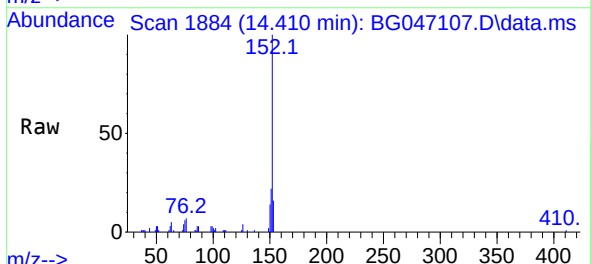
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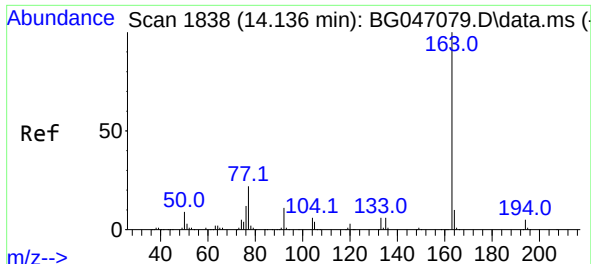
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#49  
Acenaphthylene  
Concen: 3.62 ng  
RT: 14.410 min Scan# 1884  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

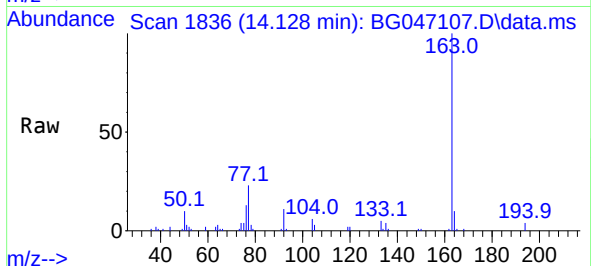
Tgt Ion: 152 Resp: 40252  
Ion Ratio Lower Upper  
152 100  
151 21.8 17.4 26.0  
153 15.7 11.5 17.3





#50  
Dimethylphthalate  
Concen: 3.59 ng  
RT: 14.128 min Scan# 1836  
Delta R.T. -0.008 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

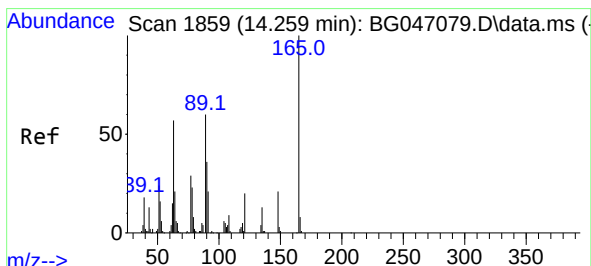
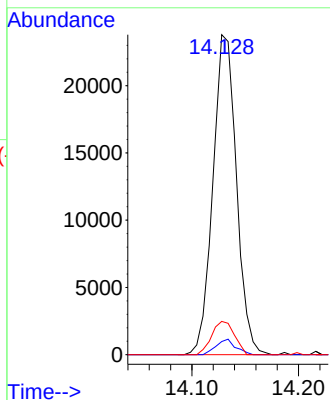
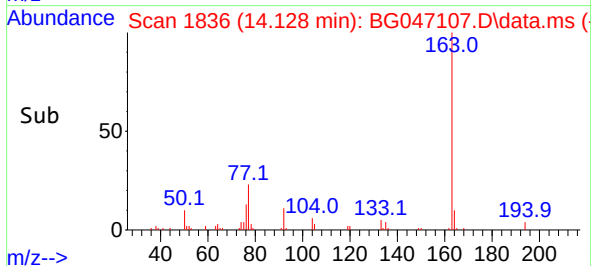
Instrument :  
BNA\_G  
ClientSampleId :  
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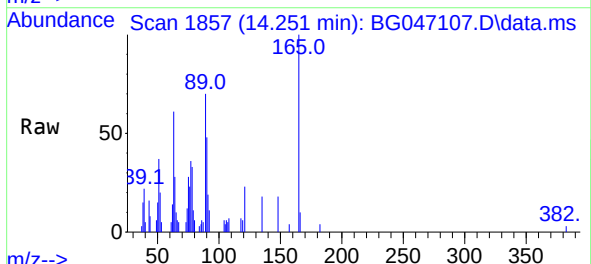
Tgt Ion:163 Resp: 36427  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.8 5.8  
164 10.4 8.8 13.2

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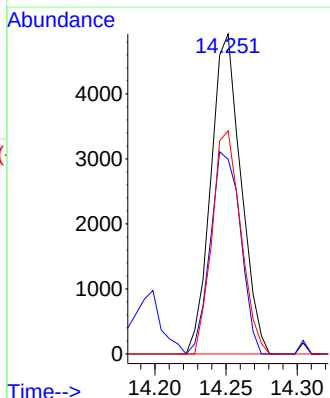
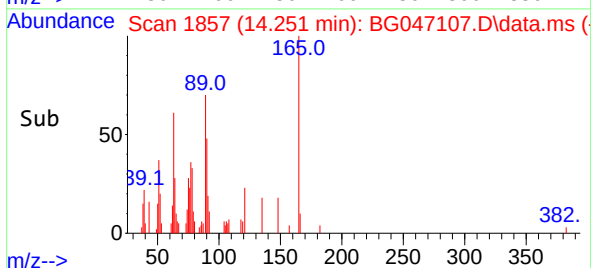
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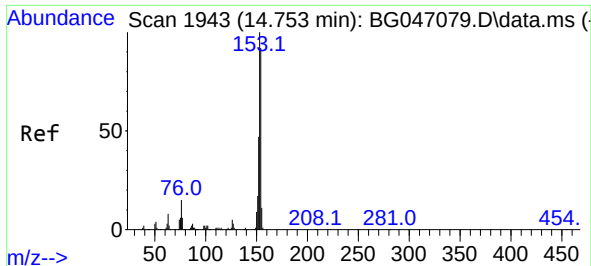


#51  
2,6-Dinitrotoluene  
Concen: 3.43 ng  
RT: 14.251 min Scan# 1857  
Delta R.T. -0.008 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



Tgt Ion:165 Resp: 7240  
Ion Ratio Lower Upper  
165 100  
63 60.8 33.7 50.5#  
89 69.7 36.6 54.8#





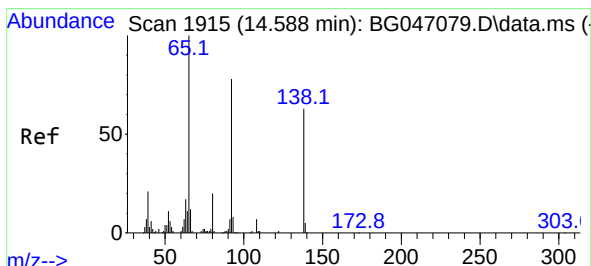
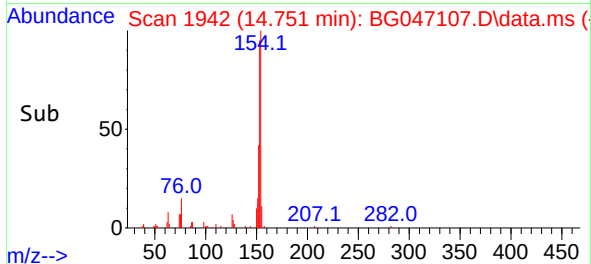
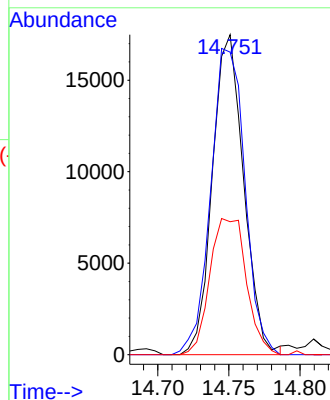
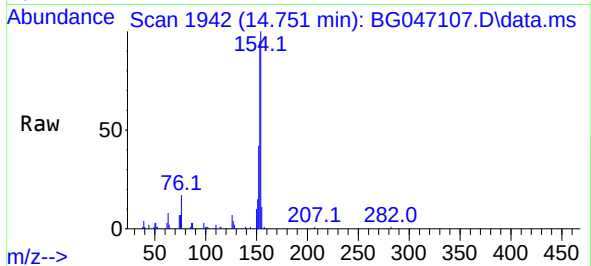
#52  
Acenaphthene  
Concen: 3.68 ng  
RT: 14.751 min Scan# 1942  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 94.6  | 90.3  | 135.5 |
| 152     | 41.6  | 43.8  | 65.8# |

Instrument :  
BNA\_G  
ClientSampleId :  
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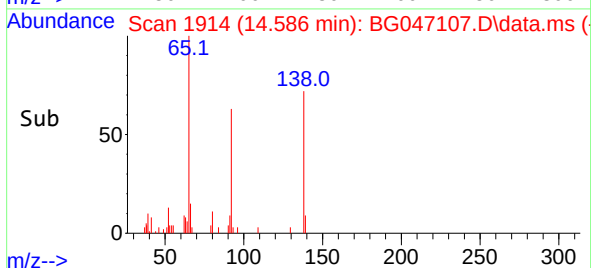
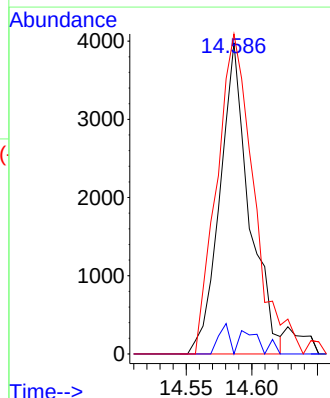
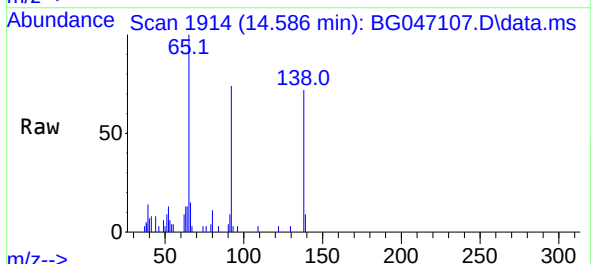
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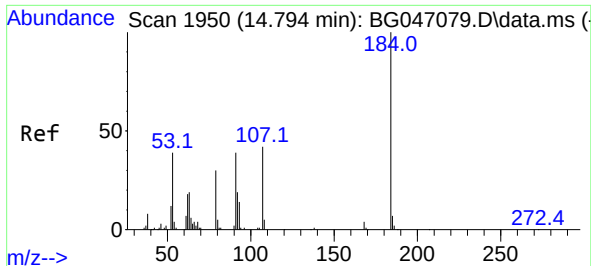
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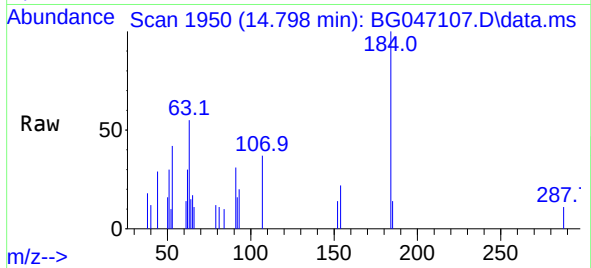
#53  
3-Nitroaniline  
Concen: 2.95 ng  
RT: 14.586 min Scan# 1914  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 0.0   | 7.4   | 11.0# |
| 92      | 102.8 | 85.2  | 127.8 |

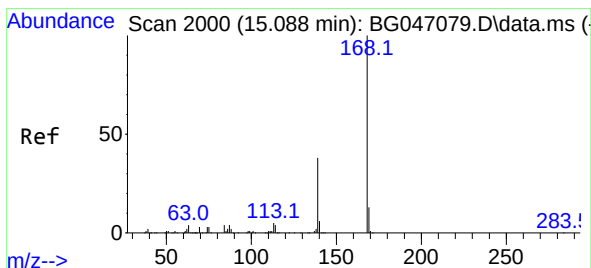
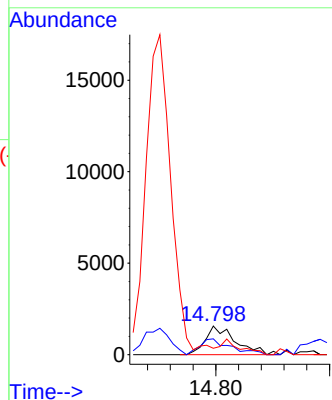
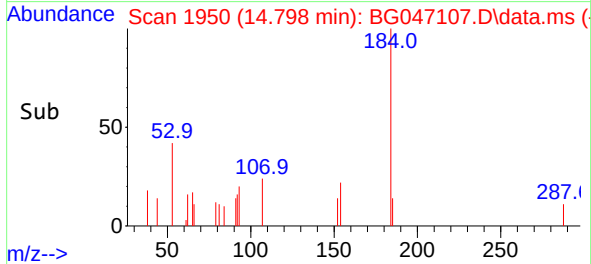




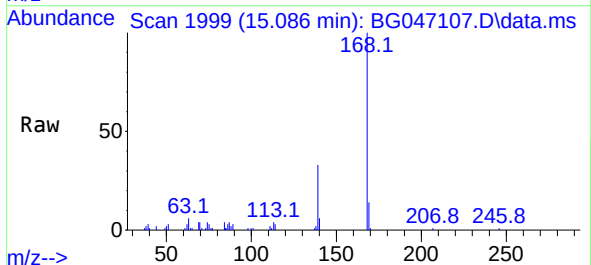
#54  
2,4-Dinitrophenol  
Concen: 2.06 ng  
RT: 14.798 min Scan# 1950  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



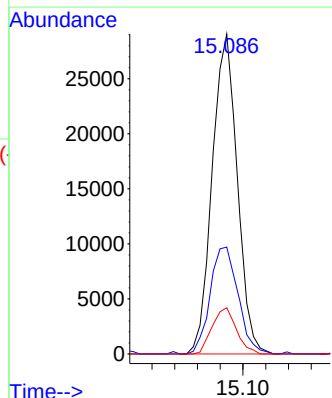
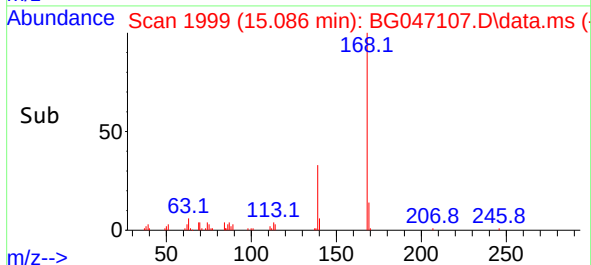
Tgt Ion:184 Resp: 2871  
Ion Ratio Lower Upper  
184 100  
63 55.1 32.3 48.5#  
154 22.1 40.4 60.6#



#55  
Dibenzofuran  
Concen: 3.81 ng  
RT: 15.086 min Scan# 1999  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



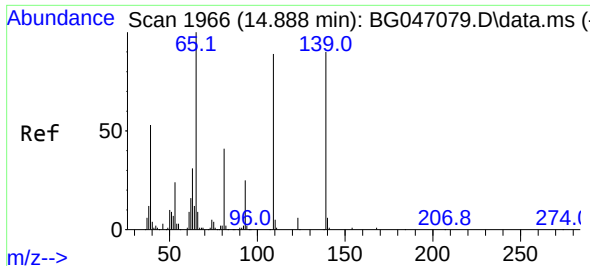
Tgt Ion:168 Resp: 44428  
Ion Ratio Lower Upper  
168 100  
139 33.4 28.6 43.0  
169 14.5 11.0 16.6



Instrument :  
BNA\_G  
ClientSampleId :  
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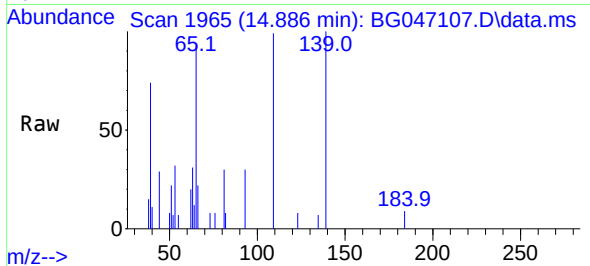
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#56  
4-Nitrophenol  
Concen: 2.91 ng  
RT: 14.886 min Scan# 1965  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

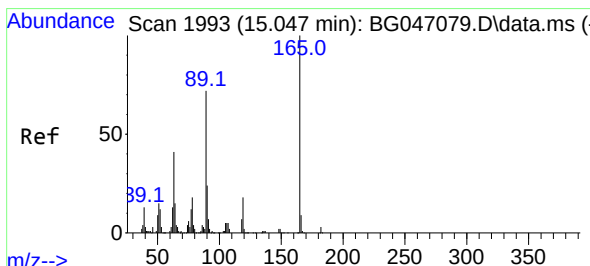
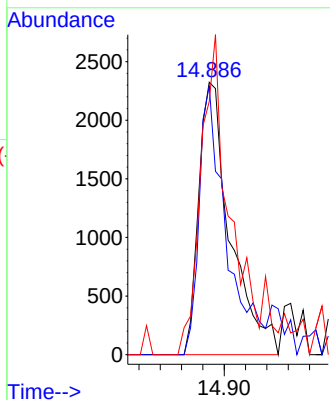
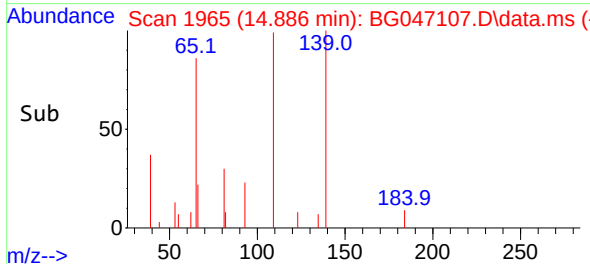
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020



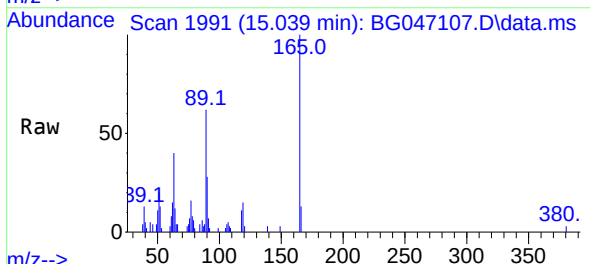
Tgt Ion:139 Resp: 4787  
Ion Ratio Lower Upper  
139 100  
109 98.6 45.9 85.9#  
65 92.9 65.4 105.4

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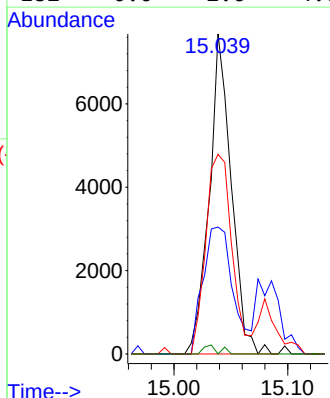
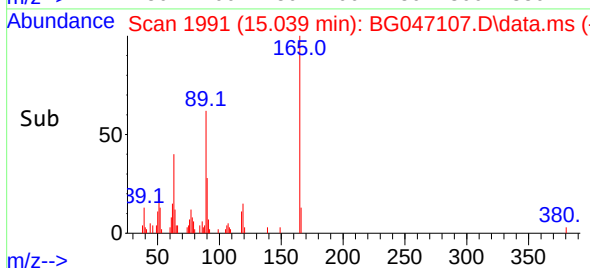
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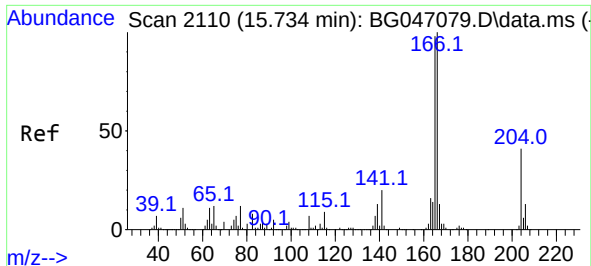


#57  
2,4-Dinitrotoluene  
Concen: 3.41 ng  
RT: 15.039 min Scan# 1991  
Delta R.T. -0.008 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



Tgt Ion:165 Resp: 10364  
Ion Ratio Lower Upper  
165 100  
63 39.6 26.4 39.6#  
89 62.4 47.8 71.8  
182 0.0 2.6 4.0#





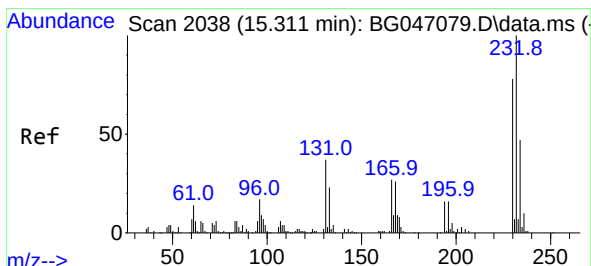
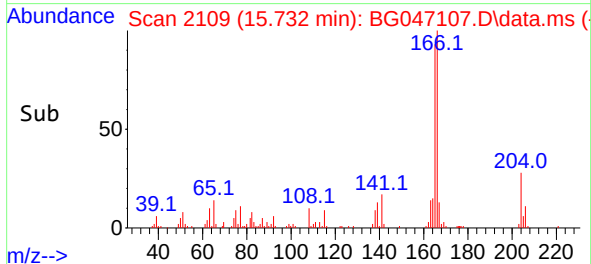
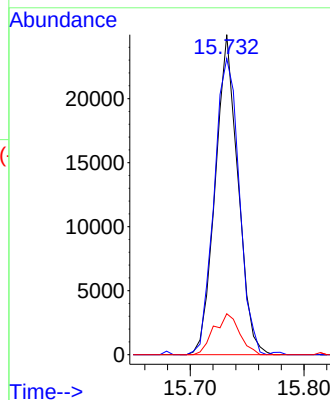
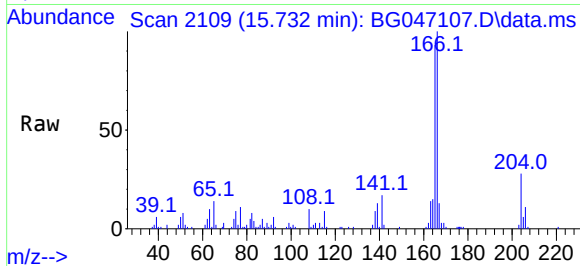
#58  
Fluorene  
Concen: 3.68 ng  
RT: 15.732 min Scan# 2109  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:166 Resp: 34689  
Ion Ratio Lower Upper  
166 100  
165 92.5 77.2 115.8  
167 12.8 11.4 17.2

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

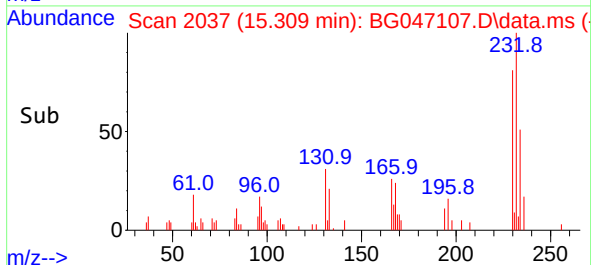
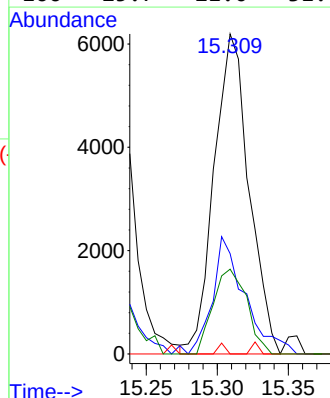
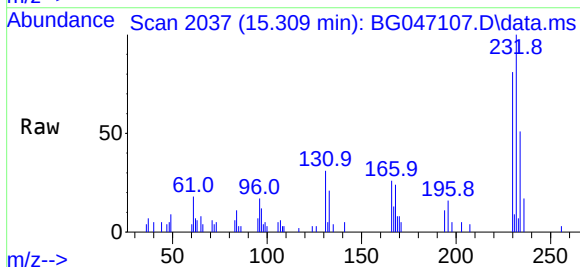
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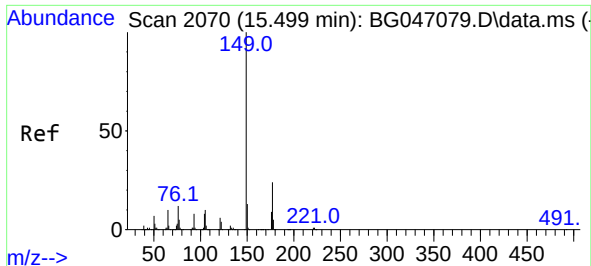


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 3.35 ng  
RT: 15.309 min Scan# 2037  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:232 Resp: 10580  
Ion Ratio Lower Upper  
232 100  
131 34.6 26.6 40.0  
130 0.7 1.4 2.0#  
166 25.7 21.0 31.6

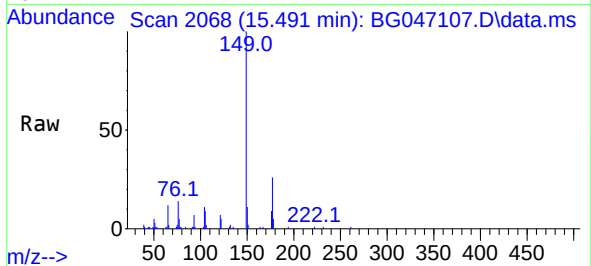






#60  
Diethylphthalate  
Concen: 3.68 ng  
RT: 15.491 min Scan# 2068  
Delta R.T. -0.008 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

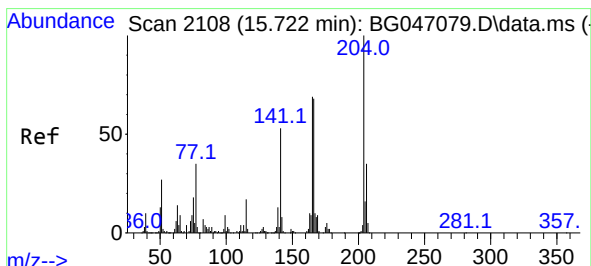
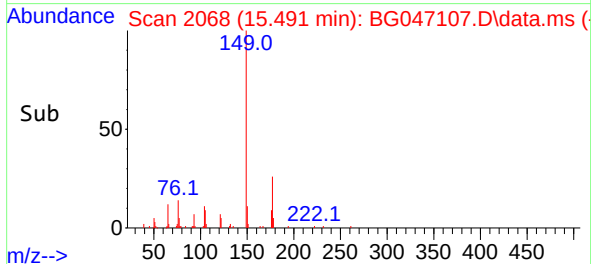
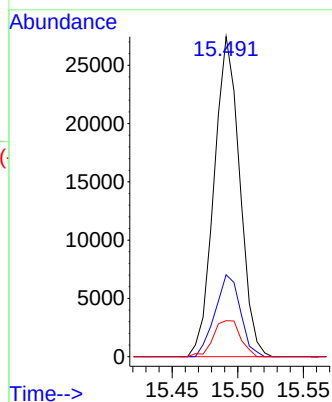
Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion:149 Resp: 37221  
Ion Ratio Lower Upper  
149 100  
177 25.6 21.4 32.2  
150 11.2 10.7 16.1

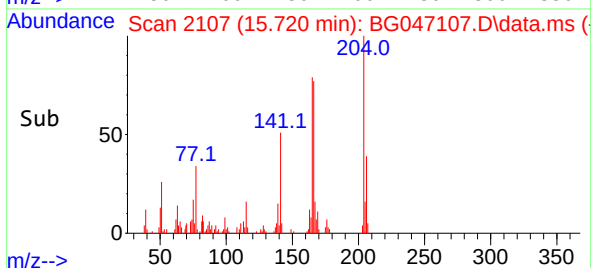
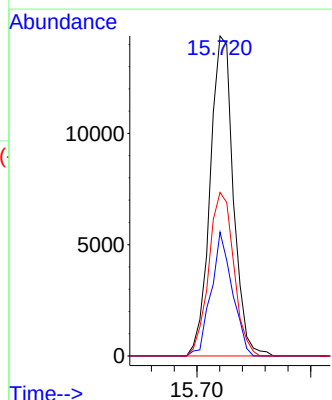
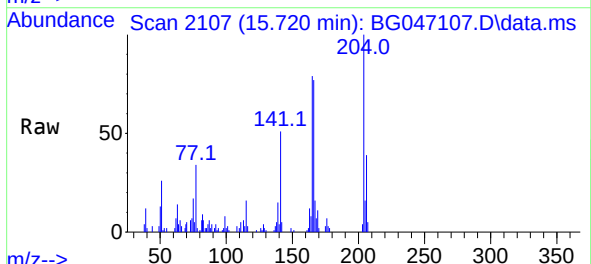
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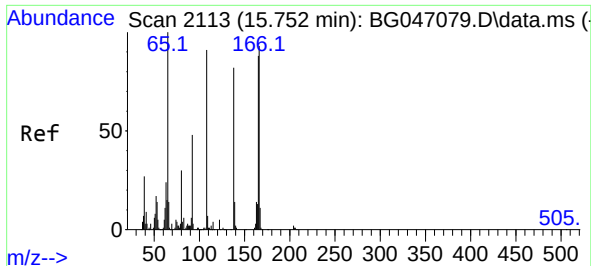
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#61  
4-Chlorophenyl-phenylether  
Concen: 3.62 ng  
RT: 15.720 min Scan# 2107  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:204 Resp: 20346  
Ion Ratio Lower Upper  
204 100  
206 38.7 27.8 41.8  
141 51.1 41.5 62.3





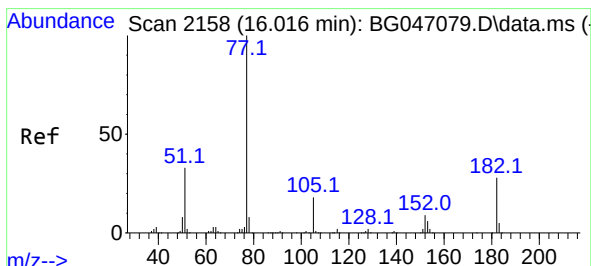
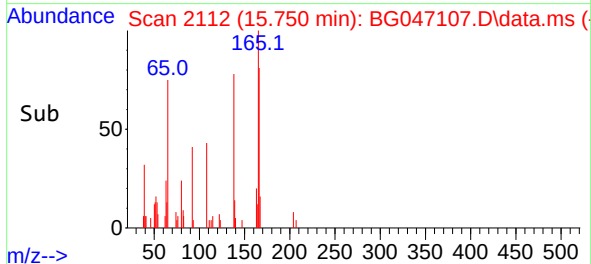
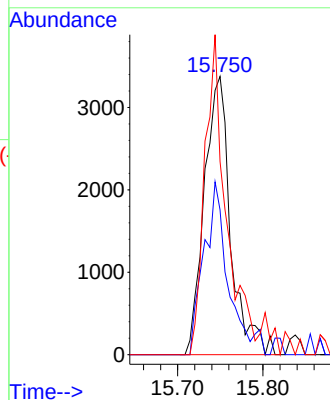
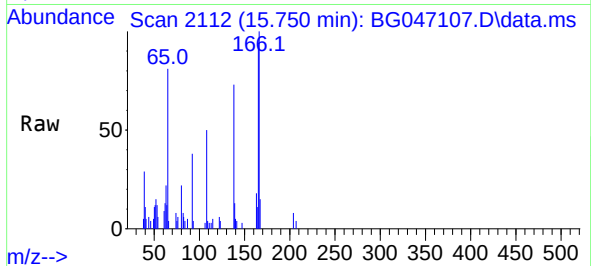
#62  
4-Nitroaniline  
Concen: 3.22 ng  
RT: 15.750 min Scan# 2112  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 138   | Resp: | 7261  |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 92       | 52.0  | 26.9  | 66.9  |
| 108      | 69.4  | 49.4  | 89.4  |

Instrument :  
BNA\_G  
ClientSampleId :  
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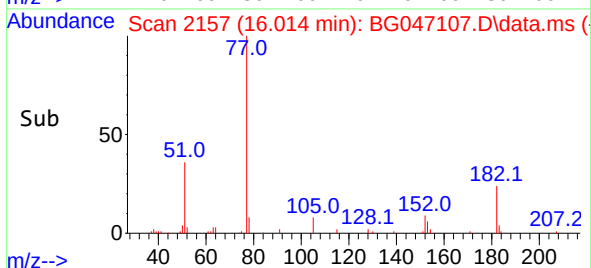
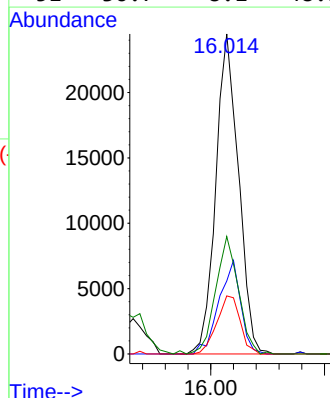
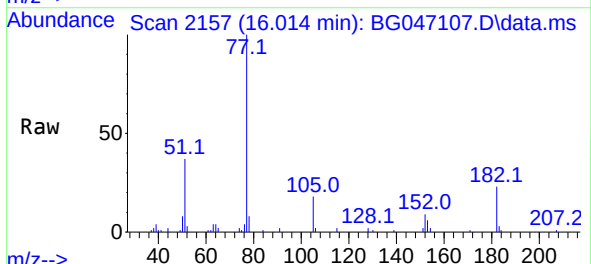
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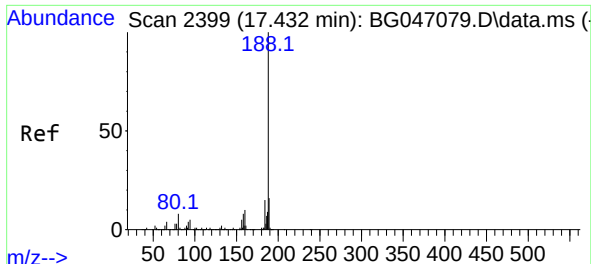
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#63  
Azobenzene  
Concen: 3.78 ng  
RT: 16.014 min Scan# 2157  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 33927 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 182      | 22.8  | 14.0  | 54.0  |
| 105      | 18.2  | 3.0   | 43.0  |
| 51       | 36.7  | 8.1   | 48.1  |





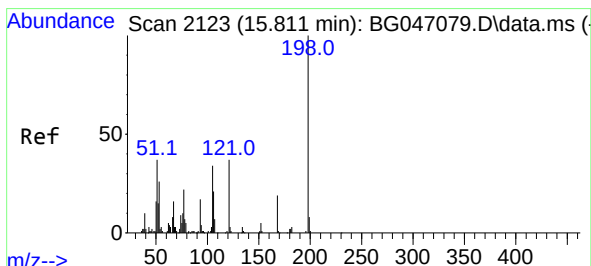
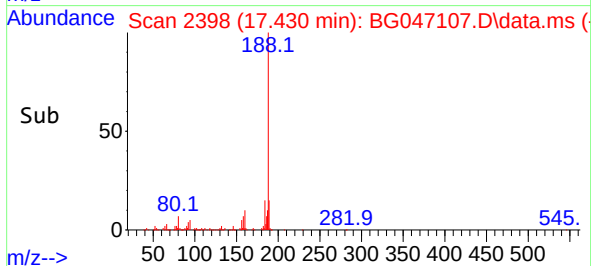
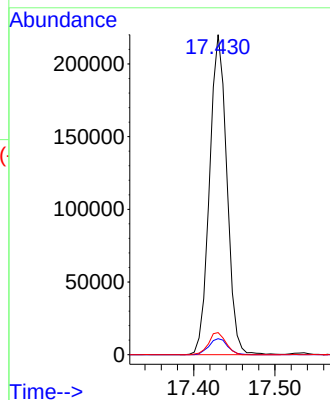
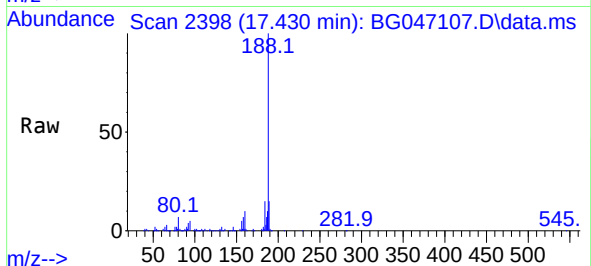
#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.430 min Scan# 2398  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
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Tgt Ion:188 Resp: 325559  
Ion Ratio Lower Upper  
188 100  
94 5.0 6.3 9.5#  
80 6.9 7.0 10.6#

Instrument :  
BNA\_G  
ClientSampleId :  
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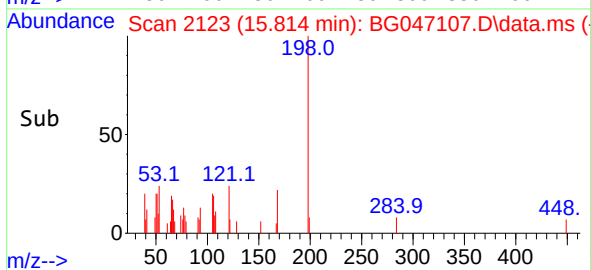
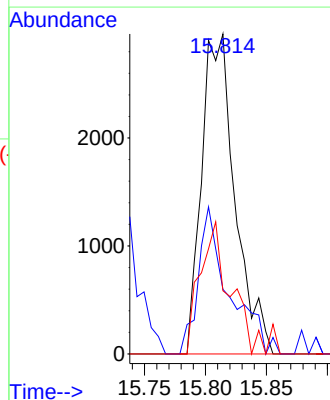
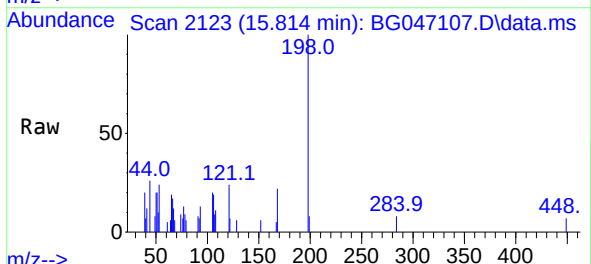
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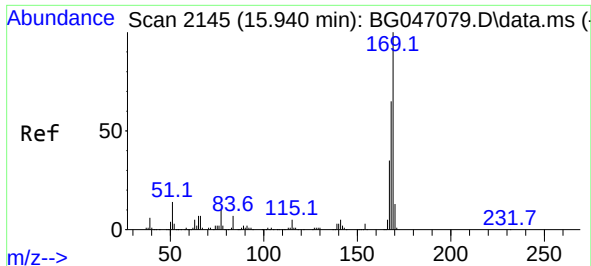
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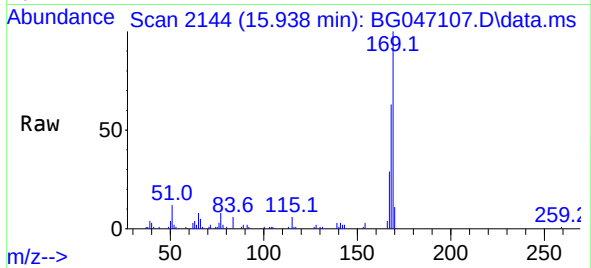
#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.81 ng  
RT: 15.814 min Scan# 2123  
Delta R.T. 0.004 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:198 Resp: 5638  
Ion Ratio Lower Upper  
198 100  
51 20.2 10.4 50.4  
105 19.8 12.9 52.9

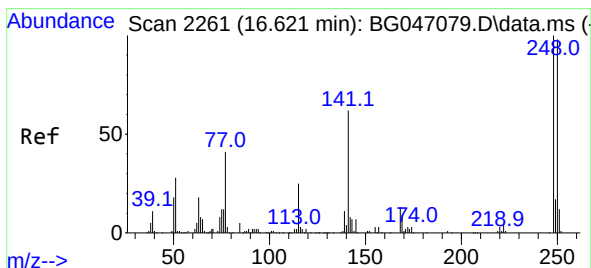
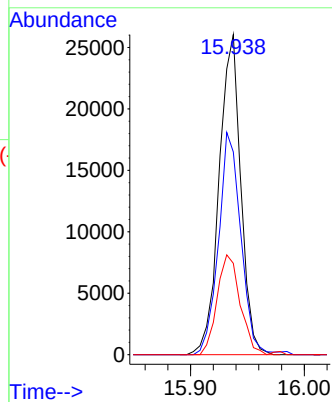
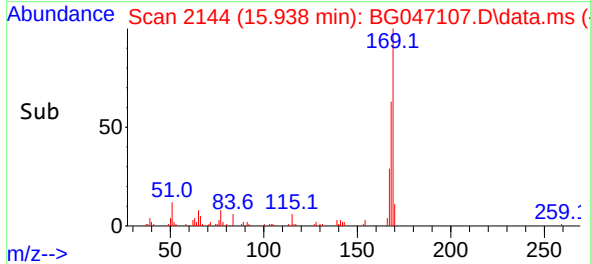




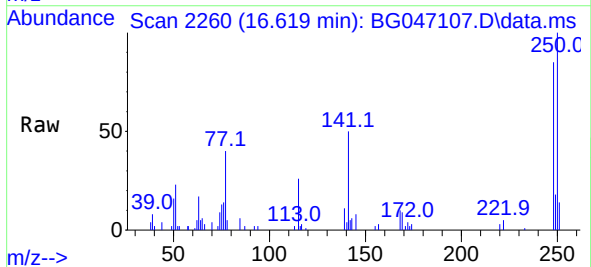
#66  
n-Nitrosodiphenylamine  
Concen: 3.69 ng  
RT: 15.938 min Scan# 2144  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



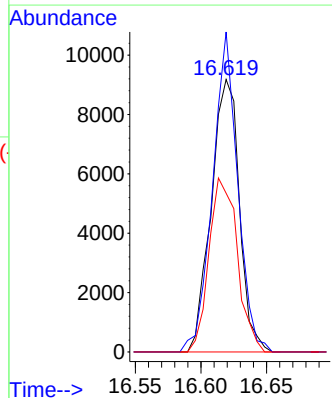
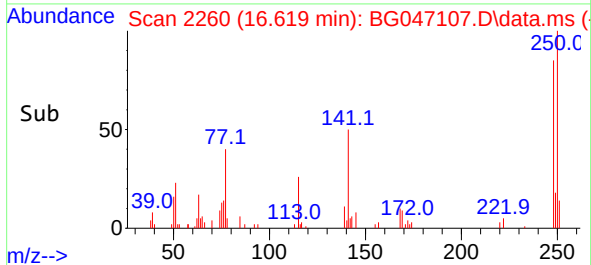
Tgt Ion:169 Resp: 34432  
Ion Ratio Lower Upper  
169 100  
168 63.3 55.5 83.3  
167 28.6 30.5 45.7#



#67  
4-Bromophenyl-phenylether  
Concen: 3.20 ng  
RT: 16.619 min Scan# 2260  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



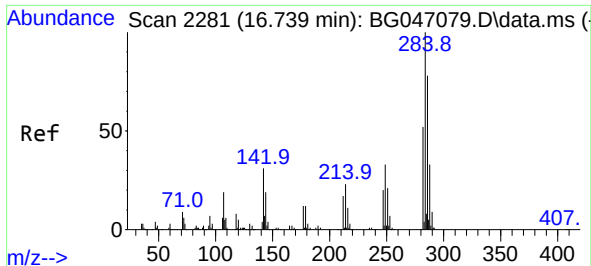
Tgt Ion:248 Resp: 13711  
Ion Ratio Lower Upper  
248 100  
250 117.5 78.9 118.3  
141 58.2 46.2 69.4



Instrument :  
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ClientSampleId :  
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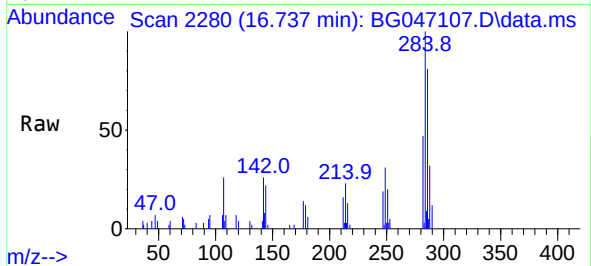
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#68  
Hexachlorobenzene  
Concen: 3.29 ng  
RT: 16.737 min Scan# 2280  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

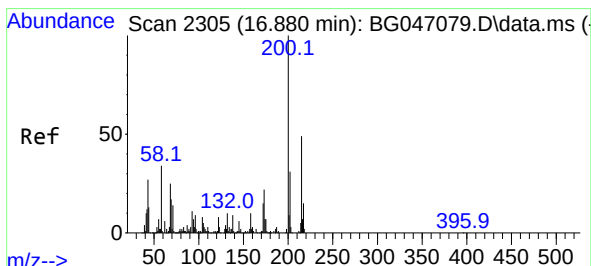
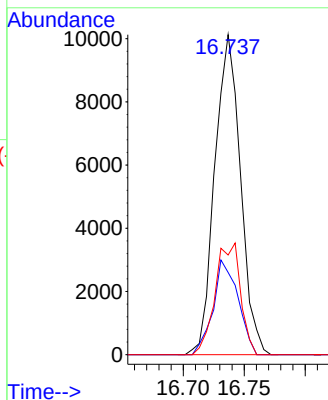
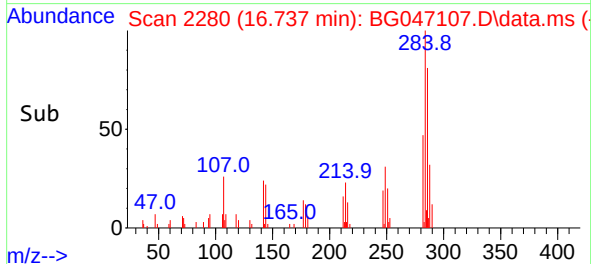
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020



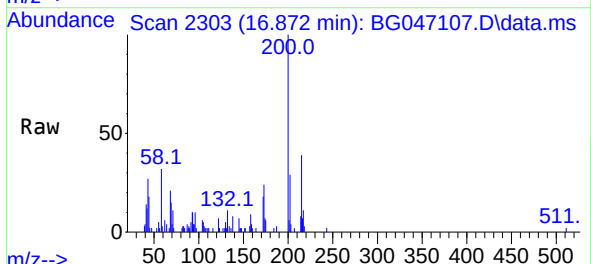
Tgt Ion:284 Resp: 14849  
Ion Ratio Lower Upper  
284 100  
142 25.7 21.1 31.7  
249 31.2 25.9 38.9

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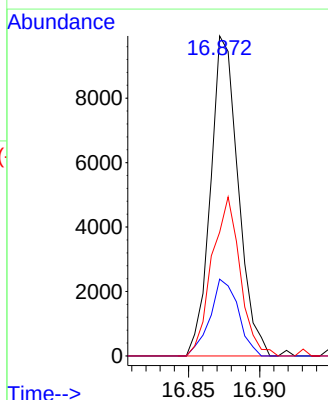
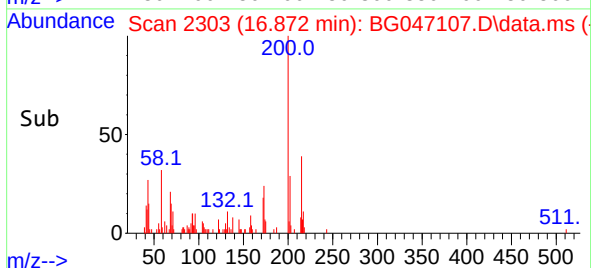
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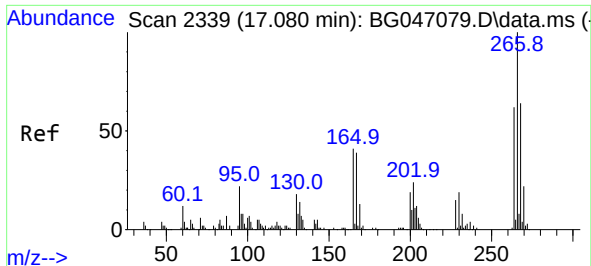


#69  
Atrazine  
Concen: 3.49 ng  
RT: 16.872 min Scan# 2303  
Delta R.T. -0.008 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



Tgt Ion:200 Resp: 13411  
Ion Ratio Lower Upper  
200 100  
173 24.0 4.2 44.2  
215 38.7 30.0 70.0





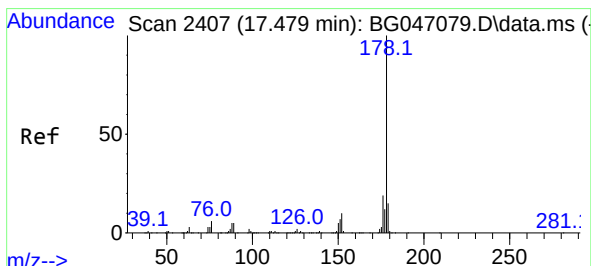
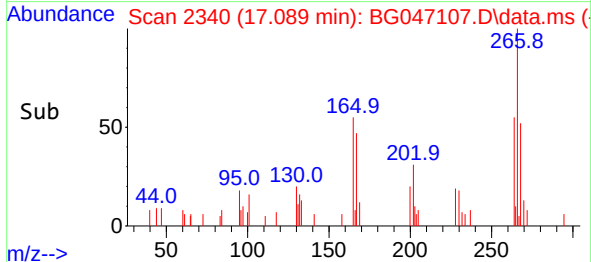
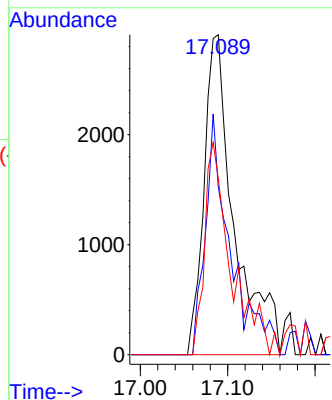
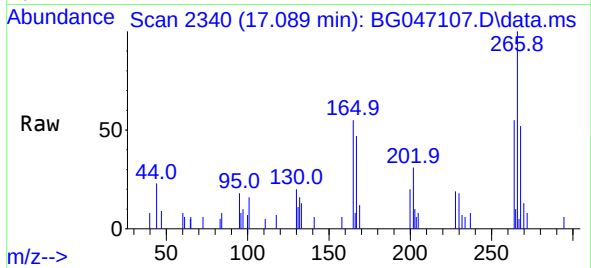
#70  
Pentachlorophenol  
Concen: 2.66 ng m  
RT: 17.089 min Scan# 2340  
Delta R.T. 0.010 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:266 Resp: 7016  
Ion Ratio Lower Upper  
266 100  
268 52.4 49.8 74.6  
264 55.1 49.3 73.9

Instrument :  
BNA\_G  
ClientSampleId :  
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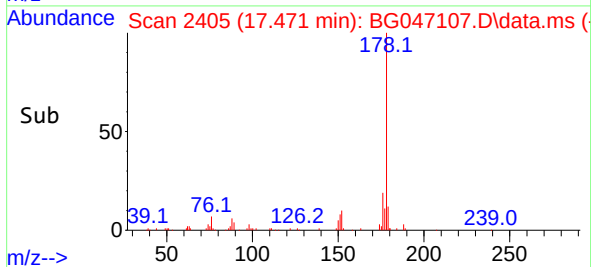
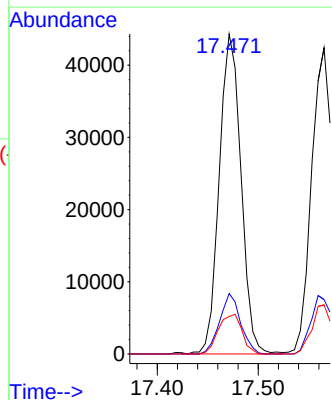
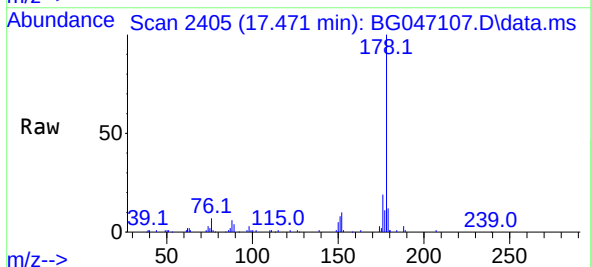
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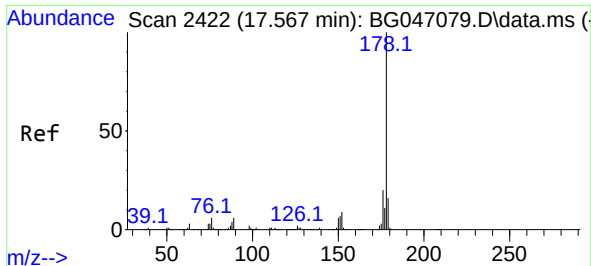
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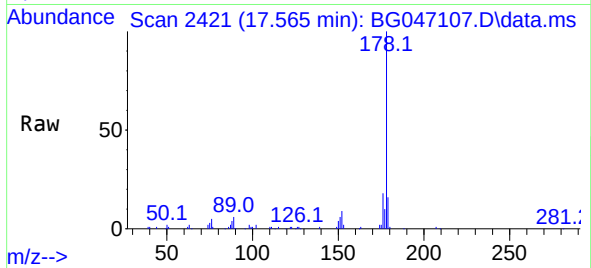
#71  
Phenanthrene  
Concen: 3.81 ng m  
RT: 17.471 min Scan# 2405  
Delta R.T. -0.008 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:178 Resp: 66202  
Ion Ratio Lower Upper  
178 100  
176 18.9 16.7 25.1  
179 11.7 14.0 21.0#

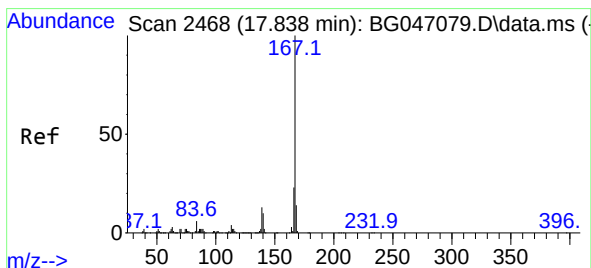
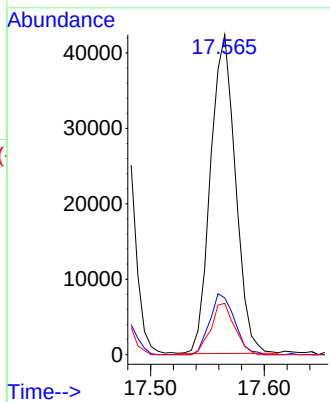
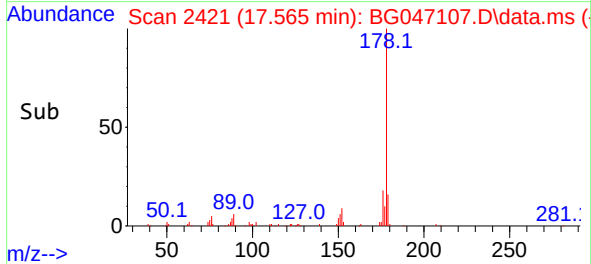




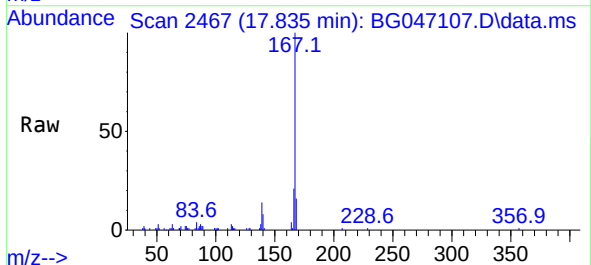
#72  
 Anthracene  
 Concen: 3.78 ng  
 RT: 17.565 min Scan# 2421  
 Delta R.T. -0.002 min  
 Lab File: BG047107.D  
 Acq: 28 Oct 2020 14:05



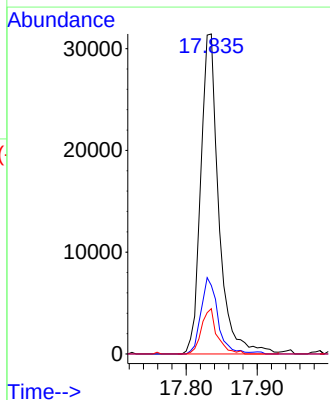
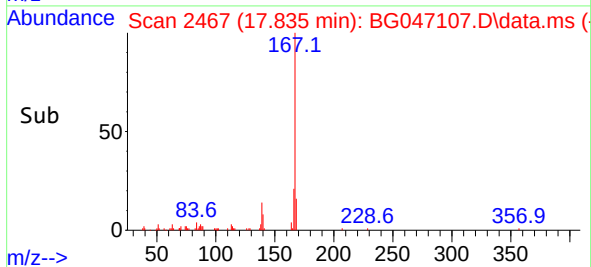
Tgt Ion:178 Resp: 64416  
 Ion Ratio Lower Upper  
 178 100  
 176 17.8 16.4 24.6  
 179 16.1 13.8 20.6



#73  
 Carbazole  
 Concen: 3.67 ng  
 RT: 17.835 min Scan# 2467  
 Delta R.T. -0.002 min  
 Lab File: BG047107.D  
 Acq: 28 Oct 2020 14:05



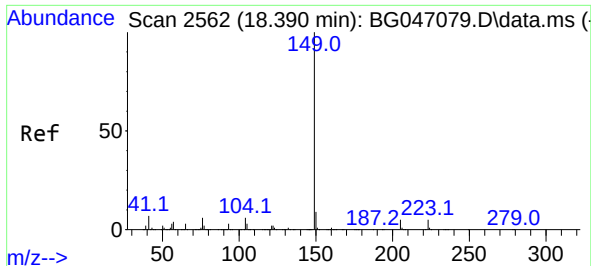
Tgt Ion:167 Resp: 55653  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 18.7 28.1  
 139 14.1 9.6 14.4



Instrument :  
 BNA\_G  
 ClientSampleId :  
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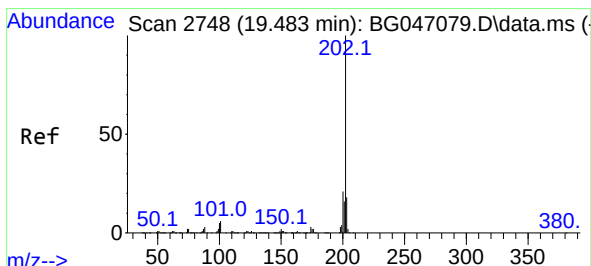
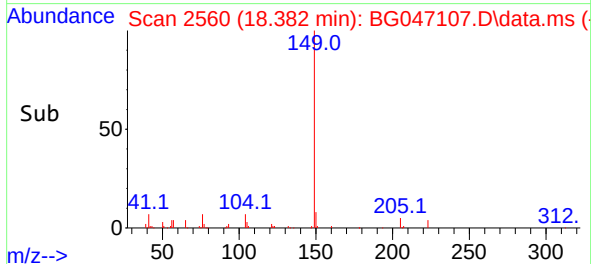
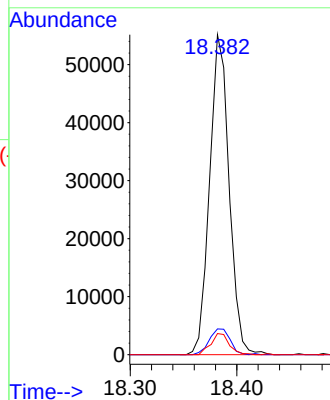
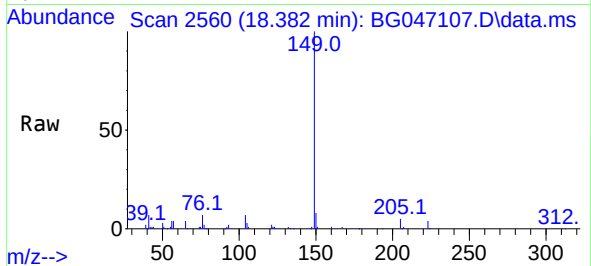
#74  
Di-n-butylphthalate  
Concen: 3.75 ng  
RT: 18.382 min Scan# 2560  
Delta R.T. -0.008 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:149 Resp: 70202  
Ion Ratio Lower Upper  
149 100  
150 8.0 8.2 12.4#  
104 6.6 3.8 5.8#

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

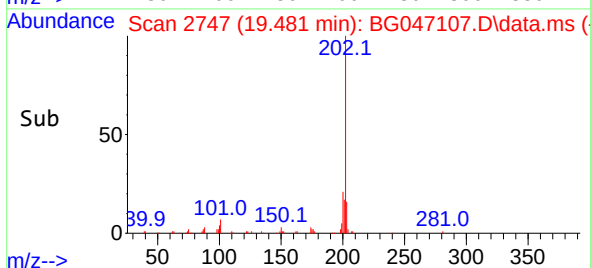
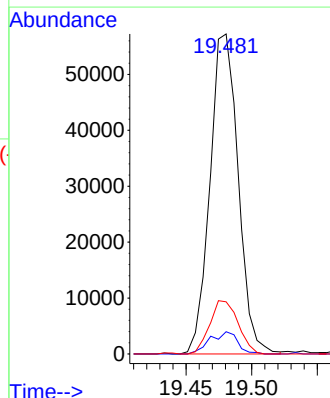
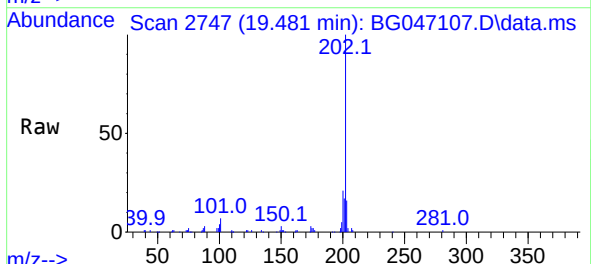
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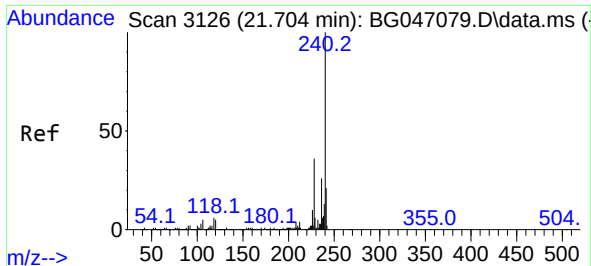


#75  
Fluoranthene  
Concen: 3.83 ng  
RT: 19.481 min Scan# 2747  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:202 Resp: 85689  
Ion Ratio Lower Upper  
202 100  
101 6.9 0.0 29.7  
203 16.3 0.0 39.2

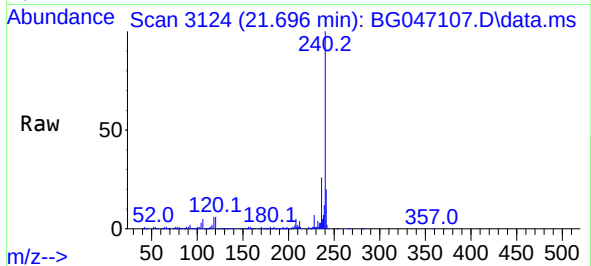






#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.696 min Scan# 3124  
Delta R.T. -0.008 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

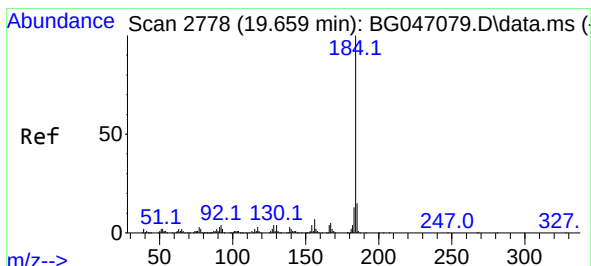
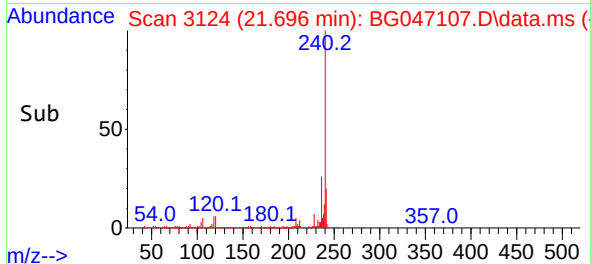
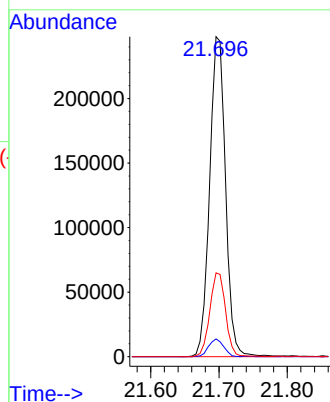
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020



Tgt Ion:240 Resp: 402447  
Ion Ratio Lower Upper  
240 100  
120 5.6 6.2 9.4#  
236 26.2 20.5 30.7

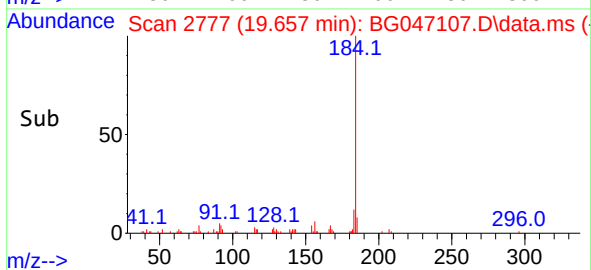
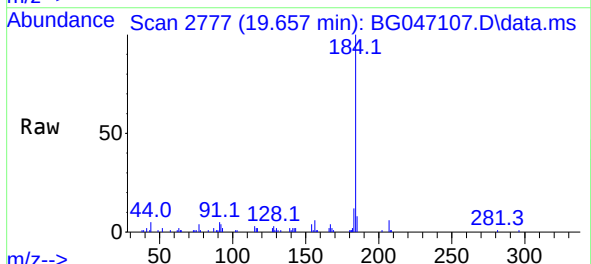
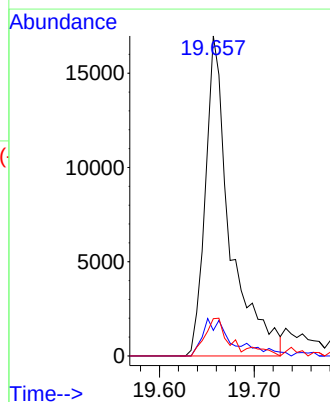
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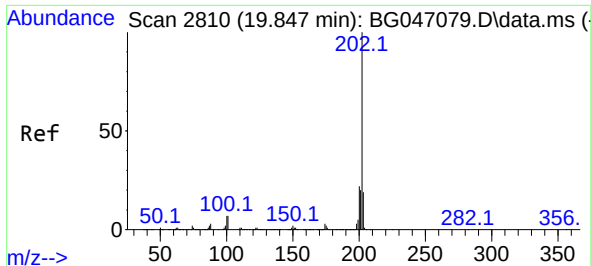
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#77  
Benzidine  
Concen: 3.33 ng  
RT: 19.657 min Scan# 2777  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

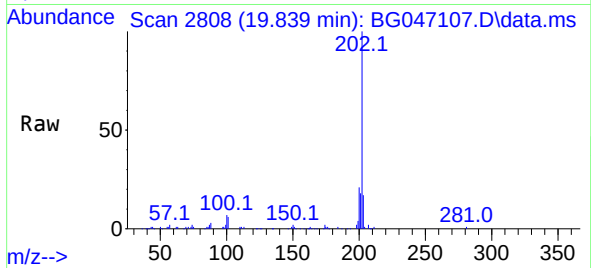
Tgt Ion:184 Resp: 30667  
Ion Ratio Lower Upper  
184 100  
185 8.0 12.4 18.6#  
183 11.7 10.6 15.8





#78  
 Pyrene  
 Concen: 3.62 ng  
 RT: 19.839 min Scan# 2808  
 Delta R.T. -0.008 min  
 Lab File: BG047107.D  
 Acq: 28 Oct 2020 14:05

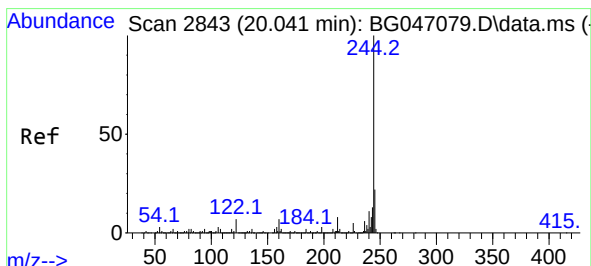
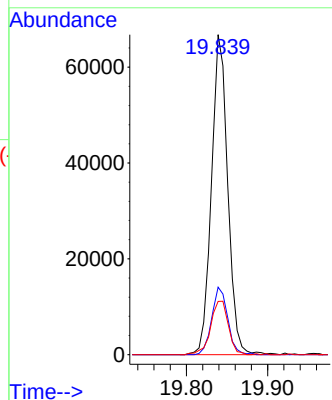
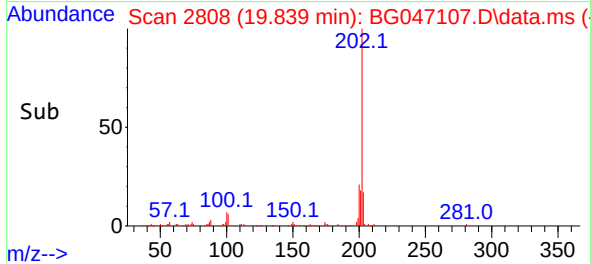
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-03-QT4-2020



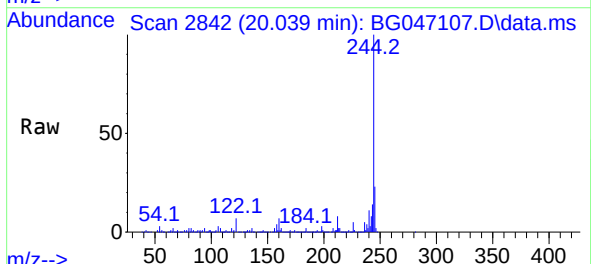
Tgt Ion:202 Resp: 92772  
 Ion Ratio Lower Upper  
 202 100  
 200 21.1 18.6 27.8  
 203 16.7 15.3 22.9

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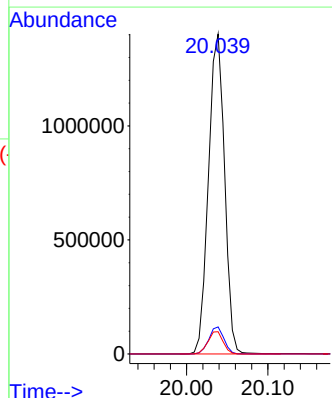
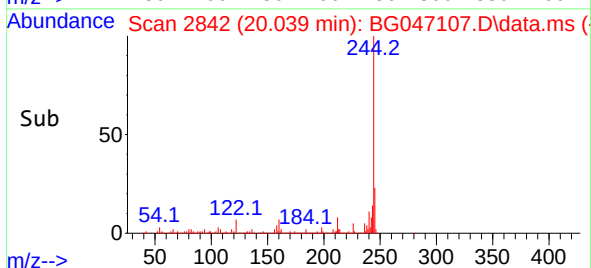
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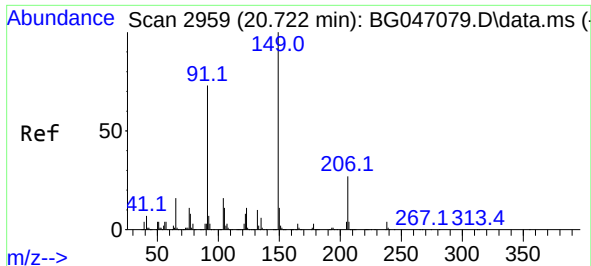


#79  
 Terphenyl-d14  
 Concen: 93.12 ng  
 RT: 20.039 min Scan# 2842  
 Delta R.T. -0.002 min  
 Lab File: BG047107.D  
 Acq: 28 Oct 2020 14:05



Tgt Ion:244 Resp: 1927228  
 Ion Ratio Lower Upper  
 244 100  
 212 8.4 6.7 10.1  
 122 6.9 7.8 11.6#





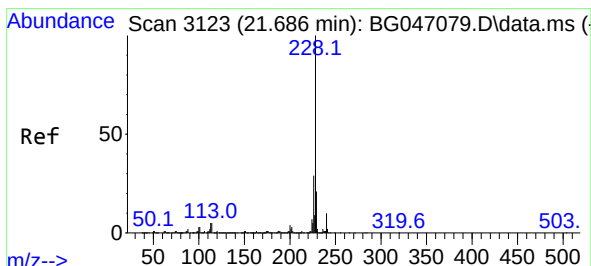
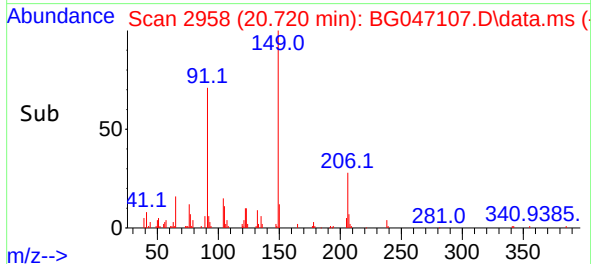
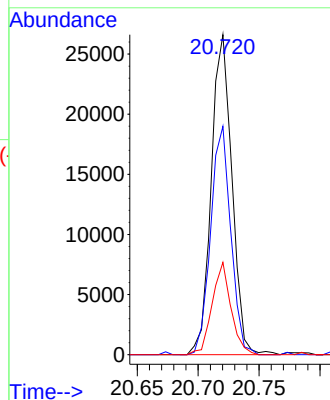
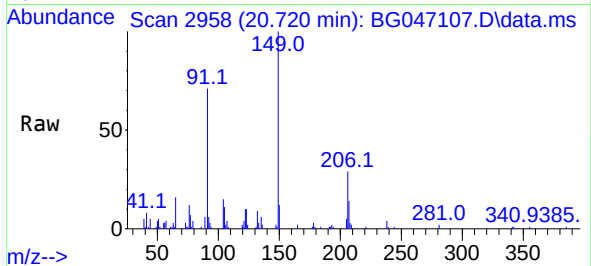
#80  
Butylbenzylphthalate  
Concen: 3.19 ng  
RT: 20.720 min Scan# 2958  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 31324 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 71.4  | 51.5  | 77.3  |
| 206       | 28.8  | 21.2  | 31.8  |

Instrument :  
BNA\_G  
ClientSampleId :  
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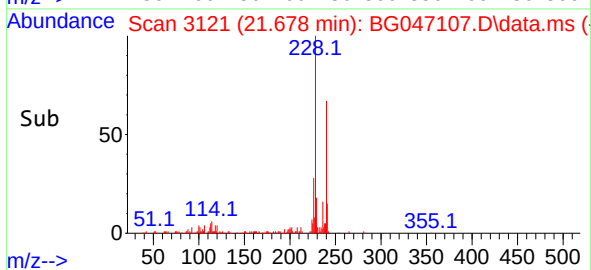
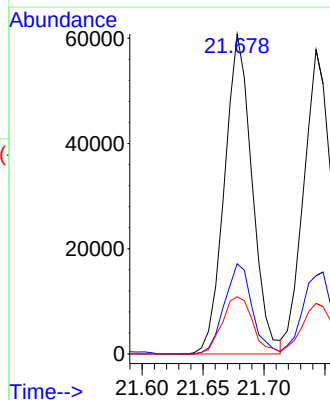
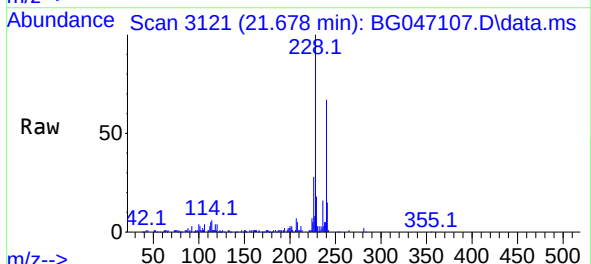
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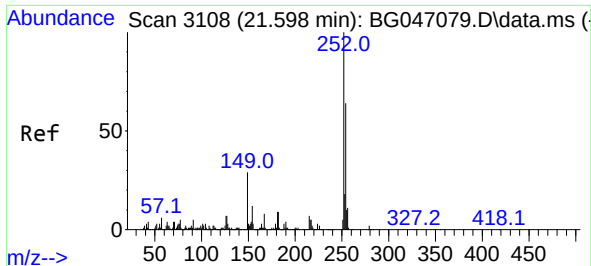
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#81  
Benzo(a)anthracene  
Concen: 3.64 ng  
RT: 21.678 min Scan# 3121  
Delta R.T. -0.008 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 96062 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 28.2  | 23.3  | 34.9  |
| 229       | 17.8  | 17.4  | 26.0  |





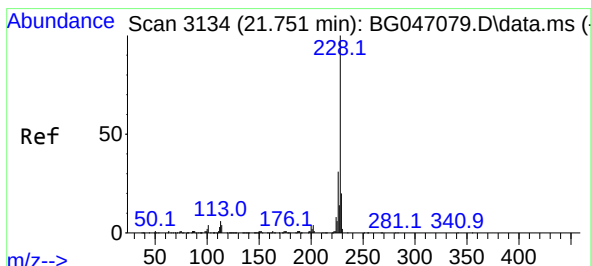
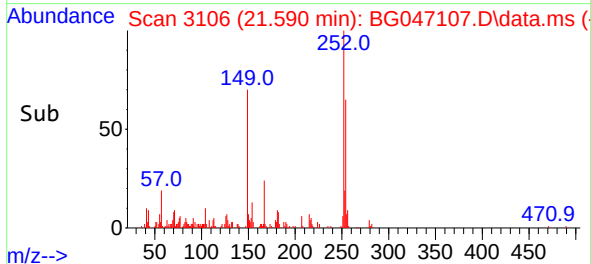
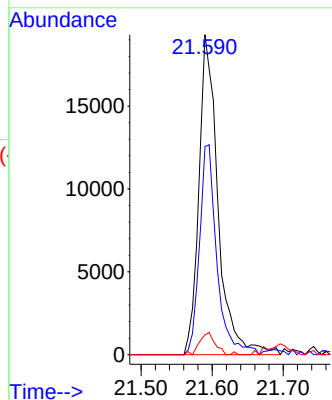
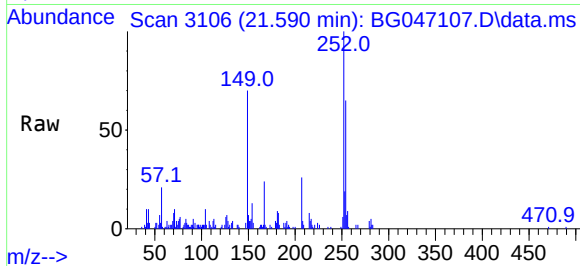
#82  
3,3'-Dichlorobenzidine  
Concen: 3.79 ng  
RT: 21.590 min Scan# 3106  
Delta R.T. -0.008 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:252 Resp: 36231  
Ion Ratio Lower Upper  
252 100  
254 65.1 53.2 79.8  
126 6.2 6.8 10.2#

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

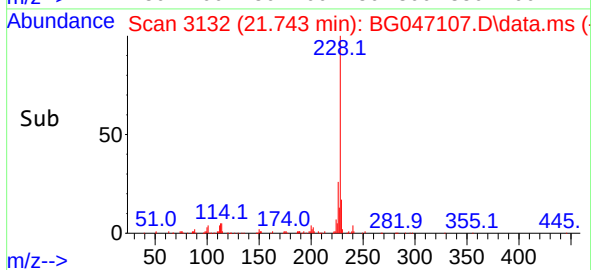
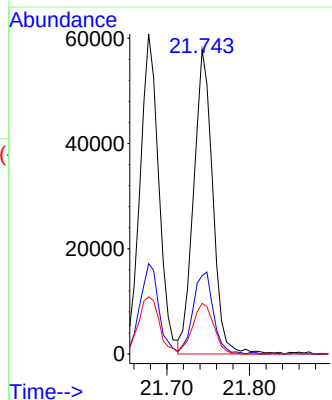
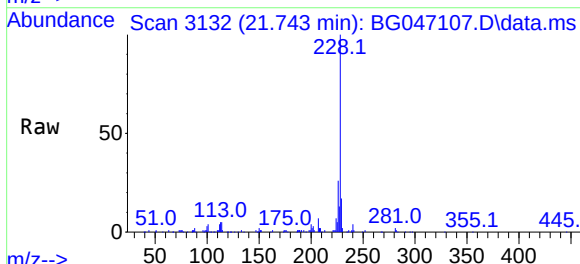
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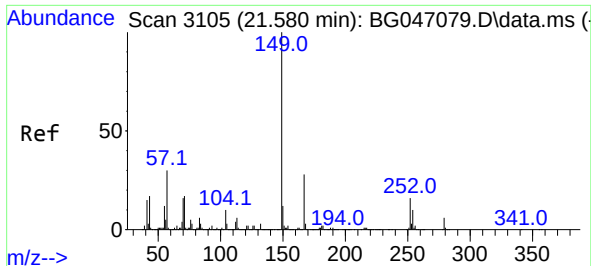
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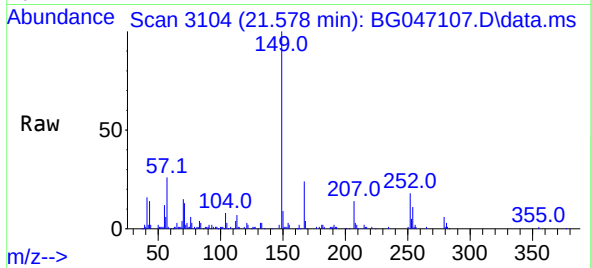
#83  
Chrysene  
Concen: 3.70 ng m  
RT: 21.743 min Scan# 3132  
Delta R.T. -0.008 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion:228 Resp: 92776  
Ion Ratio Lower Upper  
228 100  
226 25.7 25.0 37.4  
229 16.6 17.3 25.9#

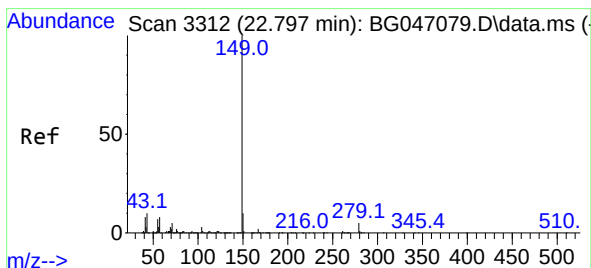
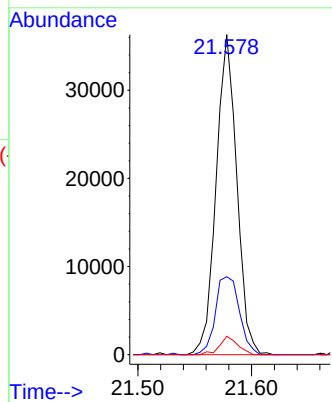
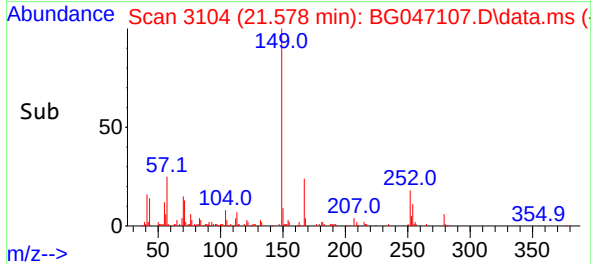




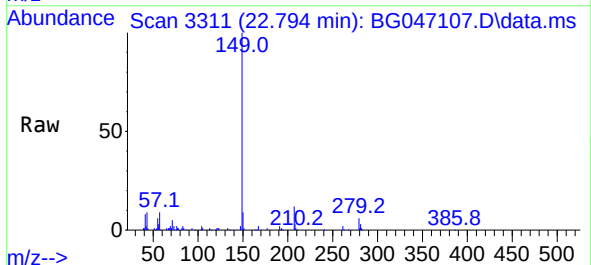
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.30 ng  
RT: 21.578 min Scan# 3104  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



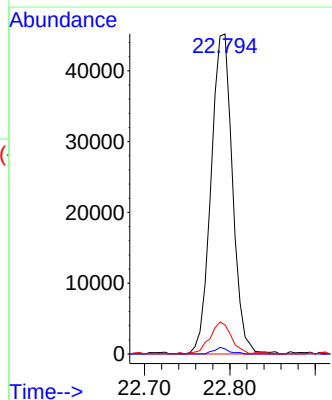
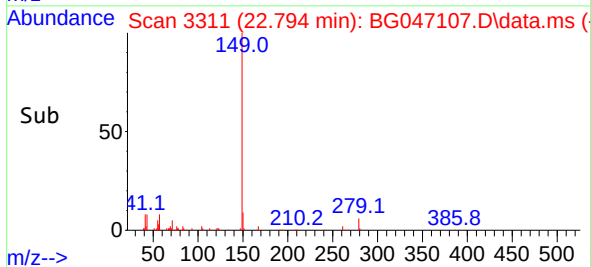
Tgt Ion:149 Resp: 45756  
Ion Ratio Lower Upper  
149 100  
167 24.3 24.8 37.2#  
279 5.8 4.6 7.0



#85  
Di-n-octyl phthalate  
Concen: 3.39 ng  
RT: 22.794 min Scan# 3311  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



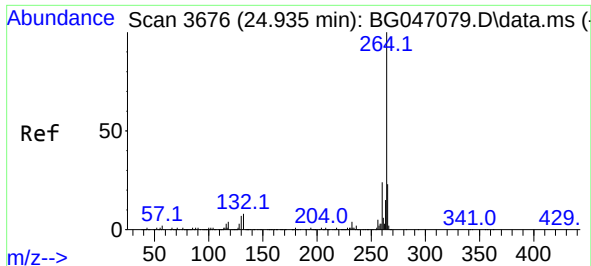
Tgt Ion:149 Resp: 78868  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.4 2.2#  
43 10.1 6.8 10.2



Instrument :  
BNA\_G  
ClientSampleId :  
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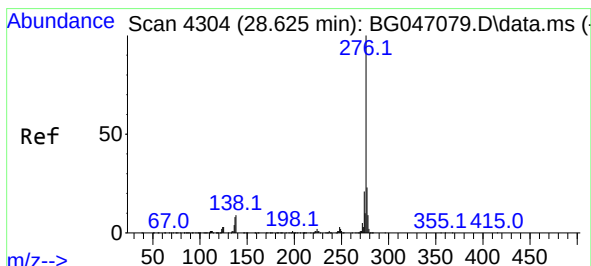
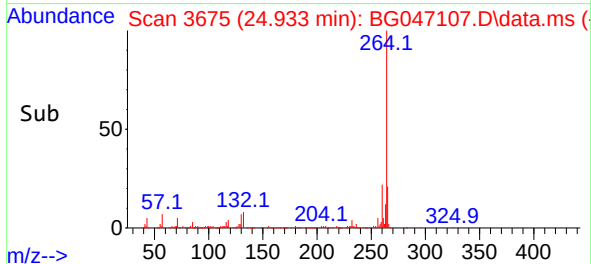
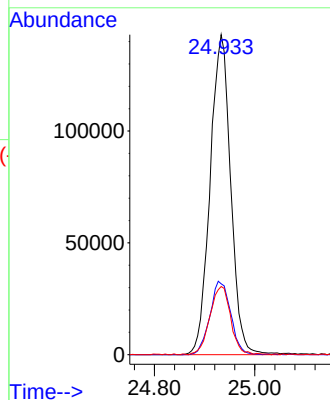
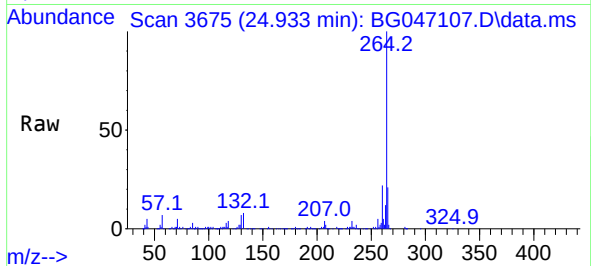
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.933 min Scan# 3675  
Delta R.T. -0.002 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion: 264 Resp: 407069  
Ion Ratio Lower Upper  
264 100  
260 22.1 18.8 28.2  
265 21.3 17.8 26.8

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

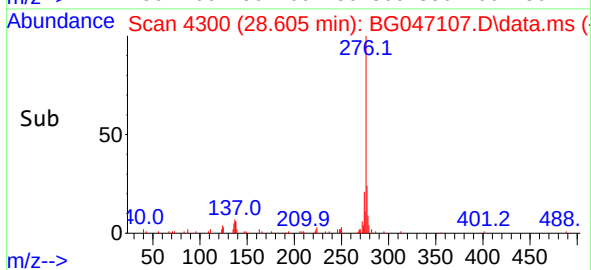
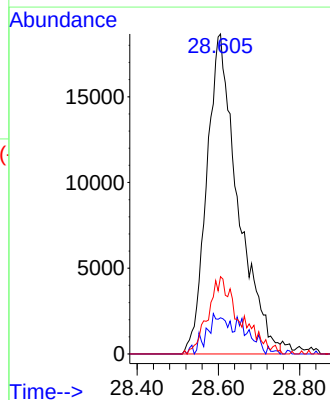
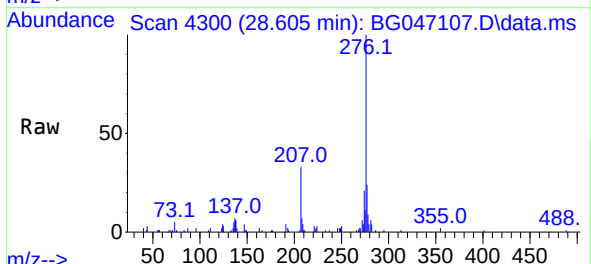
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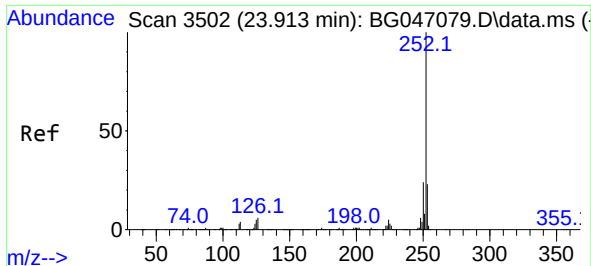
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#87  
Indeno(1,2,3-cd)pyrene  
Concen: 3.35 ng  
RT: 28.605 min Scan# 4300  
Delta R.T. -0.020 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

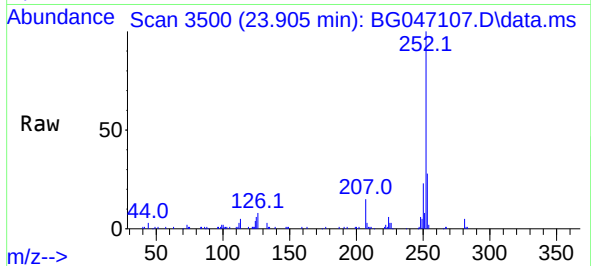
Tgt Ion: 276 Resp: 99489  
Ion Ratio Lower Upper  
276 100  
138 2.8 16.2 24.2#  
277 19.4 20.3 30.5#





#88  
Benzo(b)fluoranthene  
Concen: 3.37 ng  
RT: 23.905 min Scan# 3500  
Delta R.T. -0.008 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

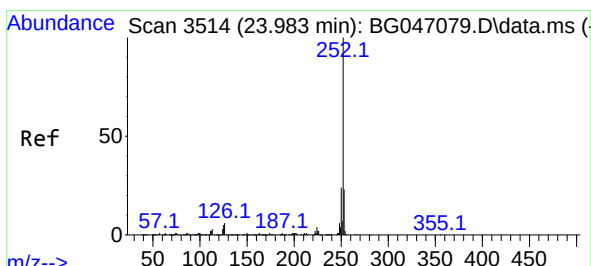
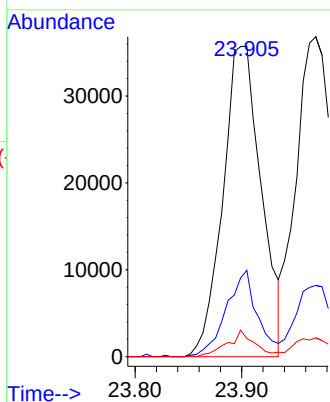
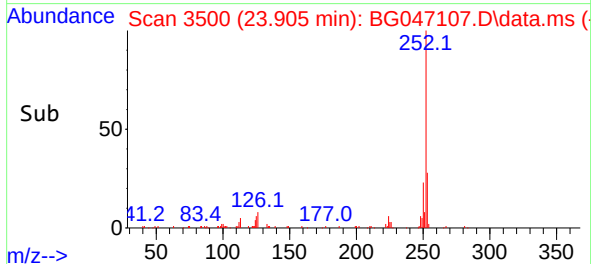
Instrument :  
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ClientSampleId :  
MDL-WATER-03-QT4-2020



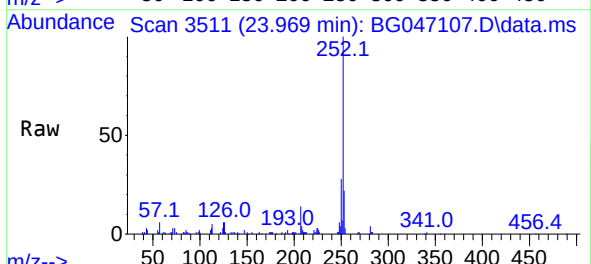
Tgt Ion:252 Resp: 89535  
Ion Ratio Lower Upper  
252 100  
253 27.8 18.7 28.1  
125 5.8 6.5 9.7#

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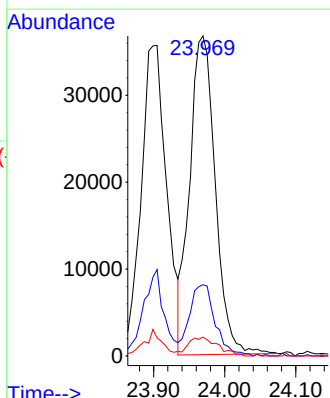
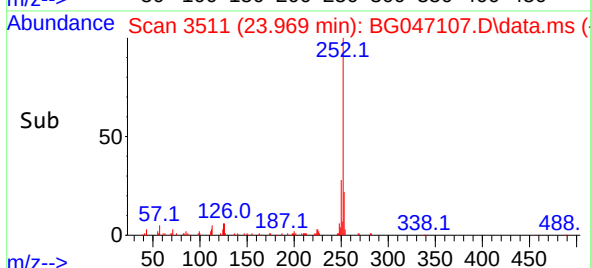
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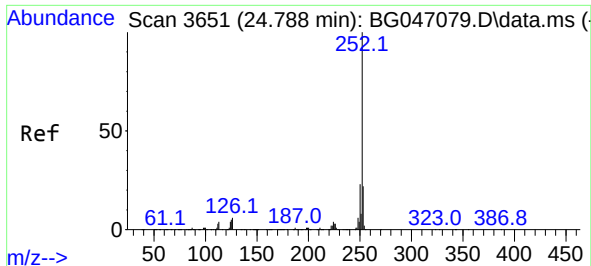


#89  
Benzo(k)fluoranthene  
Concen: 3.56 ng  
RT: 23.969 min Scan# 3511  
Delta R.T. -0.014 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



Tgt Ion:252 Resp: 92076  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.6 27.8  
125 5.9 6.8 10.2#





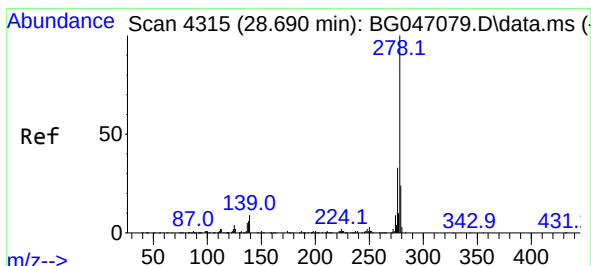
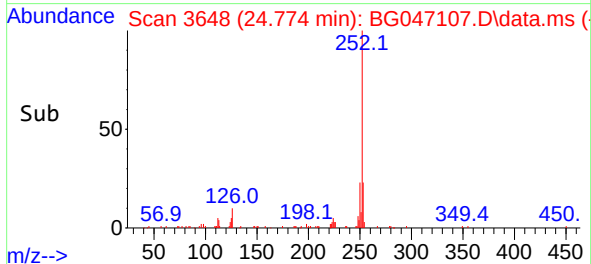
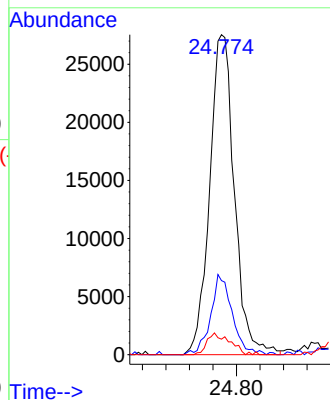
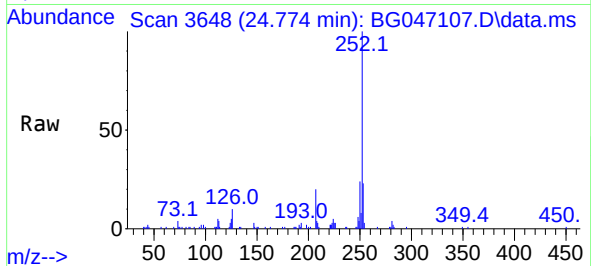
#90  
Benzo(a)pyrene  
Concen: 3.23 ng  
RT: 24.774 min Scan# 3648  
Delta R.T. -0.014 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

Tgt Ion: 252 Resp: 80353  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.9 26.9  
125 4.8 7.0 10.4#

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

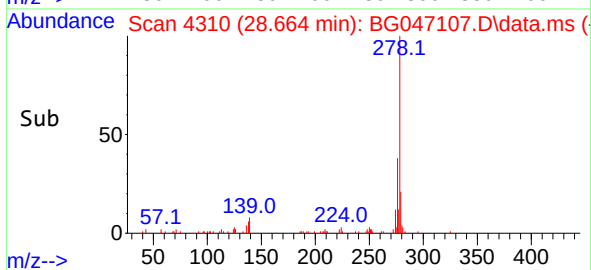
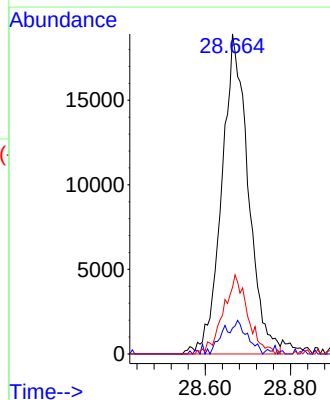
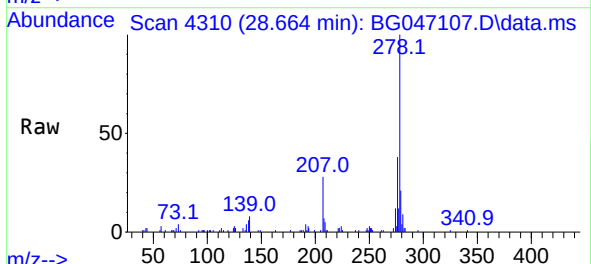
Manual Integrations  
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10/29/2020 10:43:50 AM

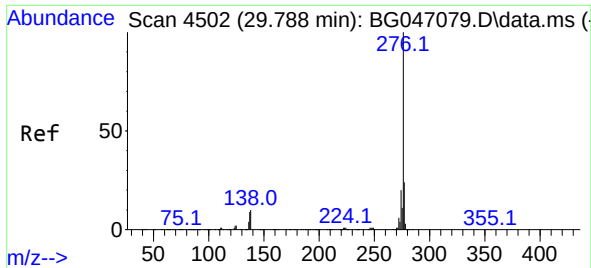


#91  
Dibenzo(a,h)anthracene  
Concen: 3.39 ng  
RT: 28.664 min Scan# 4310  
Delta R.T. -0.026 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05

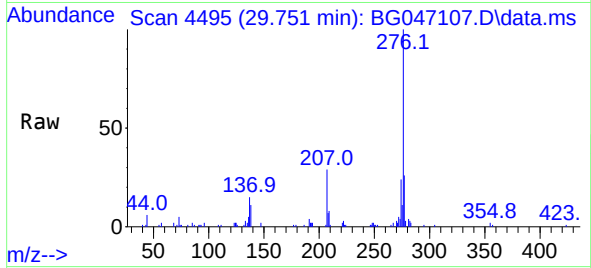
Tgt Ion: 278 Resp: 81722  
Ion Ratio Lower Upper  
278 100  
139 8.1 10.5 15.7#  
279 20.9 19.4 29.0



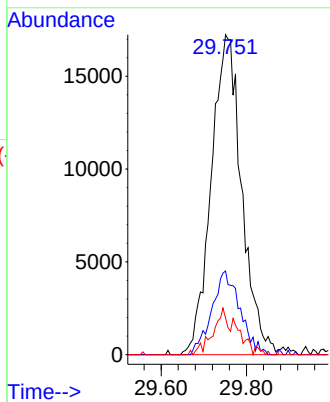
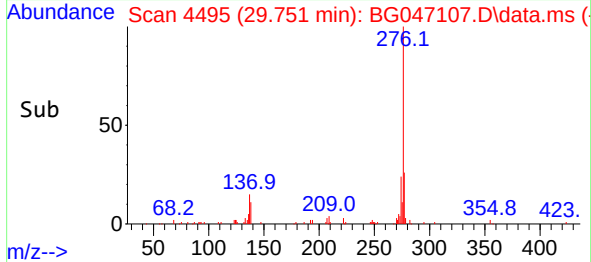




#92  
Benzo(g,h,i)perylene  
Concen: 3.56 ng  
RT: 29.751 min Scan# 4495  
Delta R.T. -0.037 min  
Lab File: BG047107.D  
Acq: 28 Oct 2020 14:05



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 85511 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 26.2  | 19.6  | 29.4  |
| 138       | 11.5  | 13.4  | 20.2# |



Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT4-2020

Manual Integrations  
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10/29/2020 10:43:50 AM