

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060721\  
 Data File : BM030311.D  
 Acq On : 07 Jun 2021 16:31  
 Operator : CG/JU  
 Sample : M2250-05  
 Misc : SFAM-MDL-S-ME-01  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-MED-MED-SOIL-QT3-2021-05

Manual Integrations  
 APPROVED

mohammad  
 6/8/2021 3:38:06 PM

Quant Time: Jun 07 17:03:33 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM060621.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 07 09:55:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.851  | 152  | 161751   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.645 | 136  | 680653   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.474 | 164  | 451410   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.209 | 188  | 941994   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.368 | 240  | 896894   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.656 | 264  | 812771   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.316  | 96   | 19766    | 4.666  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.734  | 84   | 156067   | 14.021 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.010  | 99   | 278694   | 19.824 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.181  | 67   | 201437   | 22.201 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.381  | 132  | 228467   | 22.472 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.545  | 113  | 221754   | 19.751 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.004  | 128  | 102617   | 22.025 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.728  | 143  | 102348   | 22.118 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.257 | 165  | 220688   | 21.894 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.775 | 131  | 313476   | 20.344 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.880 | 166  | 721442   | 23.289 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.169 | 160  | 886574   | 22.909 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.651 | 143  | 113023   | 19.492 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.463 | 176  | 650114   | 23.441 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.574 | 200  | 92224    | 16.961 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.310 | 188  | 982366   | 22.928 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.592 | 212  | 1070688  | 22.808 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.509 | 264  | 1005843  | 24.818 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.357  | 88   | 6165     | 1.436  | ng/uL  | 94       |
| 5) Pyridine                   | 3.757  | 79   | 46439    | 3.952  | ng/u1# | 71       |
| 6) Benzaldehyde               | 6.993  | 77   | 40110    | 6.088  | ng/u1  | 96       |
| 8) Phenol                     | 7.034  | 94   | 60939    | 4.280  | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.275  | 93   | 52307    | 4.550  | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.416  | 128  | 50225    | 4.789  | ng/u1  | 95       |
| 13) 2-Methylphenol            | 8.287  | 108  | 40902    | 3.863  | ng/u1  | 95       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.375  | 45   | 83010    | 4.483  | ng/u1  | 97       |
| 16) Acetophenone              | 8.669  | 105  | 78023    | 4.395  | ng/u1  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.651  | 70   | 38388    | 4.449  | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.610  | 108  | 49175    | 4.212  | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.934  | 117  | 20411    | 4.599  | ng/u1  | 98       |
| 22) Nitrobenzene              | 9.045  | 77   | 58461    | 4.888  | ng/u1  | 98       |
| 23) Isophorone                | 9.569  | 82   | 96238    | 4.401  | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.757  | 139  | 24222    | 4.725  | ng/u1  | 94       |
| 26) 2,4-Dimethylphenol        | 9.810  | 107  | 53602    | 4.619  | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.051 | 93   | 68212    | 4.685  | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.286 | 162  | 46091    | 4.696  | ng/u1  | 94       |
| 30) Naphthalene               | 10.692 | 128  | 169587   | 4.915  | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.798 | 127  | 69394    | 4.499  | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 10.980 | 225  | 31764    | 5.085  | ng/u1  | 98       |
| 34) Caprolactam               | 11.580 | 113  | 12949m   | 4.120  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.910 | 107  | 41735    | 4.178  | ng/u1  | 97       |
| 36) 2-Methylnaphthalene       | 12.298 | 142  | 118107   | 4.812  | ng/u1  | 97       |

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 ClientSampleId :  
 MDL-MED-MED-SOIL-QT3-2021-05

Manual Integrations  
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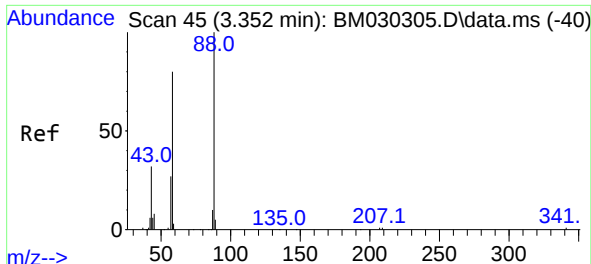
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| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.522 | 142  | 118427   | 4.754 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.669 | 216  | 63234    | 4.818 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.651 | 237  | 34364    | 4.144 | ng/ul  | 94       |
| 41) 2,4,6-Trichlorophenol     | 12.904 | 196  | 32840    | 4.165 | ng/ul  | 100      |
| 42) 2,4,5-Trichlorophenol     | 12.974 | 196  | 35975    | 4.189 | ng/ul  | 95       |
| 43) 1,1'-Biphenyl             | 13.310 | 154  | 156734   | 4.765 | ng/ul  | 100      |
| 44) 2-Chloronaphthalene       | 13.351 | 162  | 121334   | 4.780 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.551 | 65   | 24643    | 3.884 | ng/ul  | 93       |
| 47) Dimethylphthalate         | 13.927 | 163  | 152132   | 5.027 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.045 | 165  | 21808    | 4.021 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.198 | 152  | 182897   | 4.948 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.374 | 138  | 22585    | 3.653 | ng/ul  | 99       |
| 52) Acenaphthene              | 14.539 | 153  | 131604   | 4.792 | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.580 | 184  | 17708    | 4.893 | ng/ul  | 90       |
| 55) 4-Nitrophenol             | 14.669 | 109  | 19595    | 4.313 | ng/ul  | 94       |
| 56) Dibenzofuran              | 14.868 | 168  | 186370   | 4.878 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.827 | 165  | 32464    | 4.233 | ng/ul  | 94       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.098 | 232  | 30552    | 4.444 | ng/ul  | 95       |
| 59) Diethylphthalate          | 15.286 | 149  | 140528   | 4.706 | ng/ul  | 99       |
| 61) Fluorene                  | 15.521 | 166  | 153997   | 4.801 | ng/ul  | 96       |
| 62) 4-Chlorophenyl-phenyle... | 15.515 | 204  | 78030    | 5.051 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.533 | 138  | 23461    | 4.052 | ng/ul  | 94       |
| 66) 4,6-Dinitro-2-methylph... | 15.586 | 198  | 19856    | 3.683 | ng/ul# | 73       |
| 67) N-Nitrosodiphenylamine    | 15.721 | 169  | 127830   | 4.607 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.404 | 248  | 41390    | 4.517 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.521 | 284  | 50333    | 4.833 | ng/ul  | 98       |
| 70) Atrazine                  | 16.668 | 200  | 38244    | 3.840 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.857 | 266  | 27257    | 4.271 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.251 | 178  | 241910   | 4.749 | ng/ul  | 99       |
| 74) Anthracene                | 17.339 | 178  | 243979   | 4.746 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.274 | 216  | 62023    | 4.576 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.792 | 250  | 60272    | 4.617 | ng/ul  | 99       |
| 77) Carbazole                 | 17.609 | 167  | 196779   | 4.310 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.168 | 149  | 196607   | 4.112 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.256 | 202  | 259172   | 4.493 | ng/ul  | 99       |
| 82) Pyrene                    | 19.621 | 202  | 289818   | 4.751 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.509 | 149  | 70634    | 3.689 | ng/ul  | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.286 | 252  | 56770    | 3.500 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.356 | 228  | 252643   | 4.662 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.286 | 149  | 99580    | 3.429 | ng/ul  | 98       |
| 87) Chrysene                  | 21.403 | 228  | 256356   | 4.797 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.168 | 149  | 160273   | 3.062 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.962 | 252  | 247319   | 4.734 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.009 | 252  | 236360   | 4.736 | ng/ul  | 100      |
| 93) Benzo(a)pyrene            | 23.550 | 252  | 216556   | 4.742 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.974 | 276  | 241175   | 4.291 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 25.980 | 278  | 204153   | 4.314 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 26.679 | 276  | 197717   | 4.281 | ng/ul  | 96       |

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





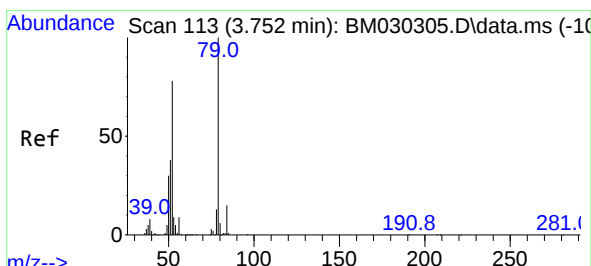
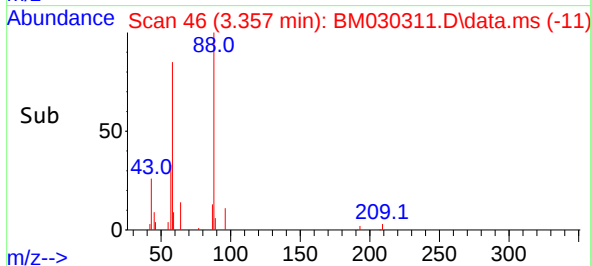
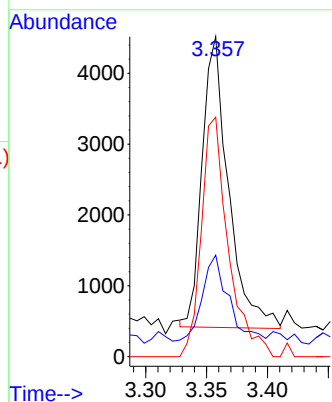
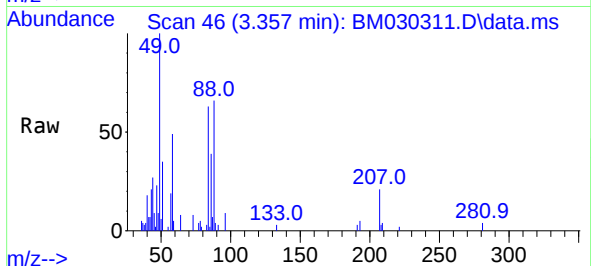
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1,4-Dioxane  
Concen: 1.436 ng/uL  
RT: 3.357 min Scan# 46  
Delta R.T. 0.006 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion: 88 Resp: 6165  
Ion Ratio Lower Upper  
88 100  
43 31.7 27.3 40.9  
58 74.8 64.2 96.2

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

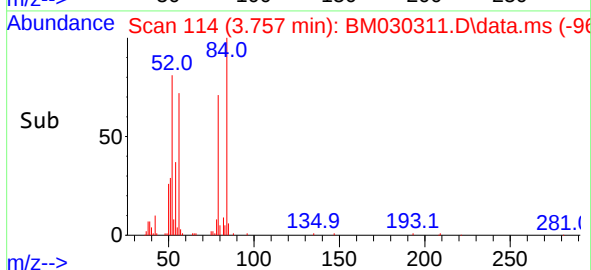
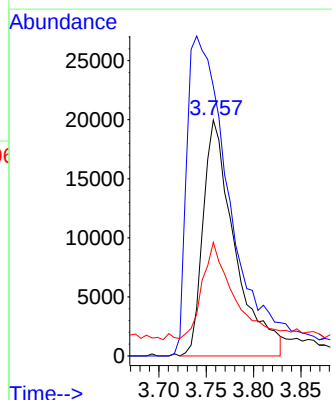
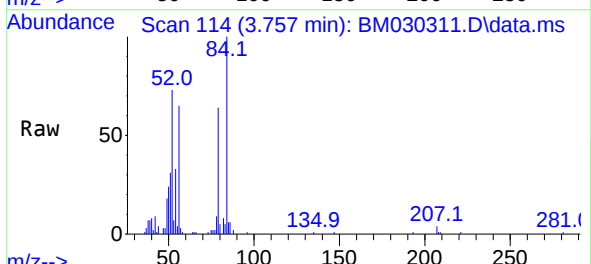
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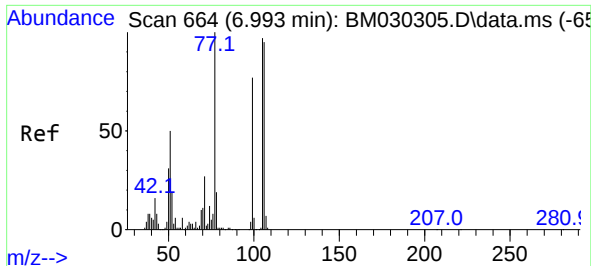
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#5  
Pyridine  
Concen: 3.952 ng/uL  
RT: 3.757 min Scan# 114  
Delta R.T. 0.006 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

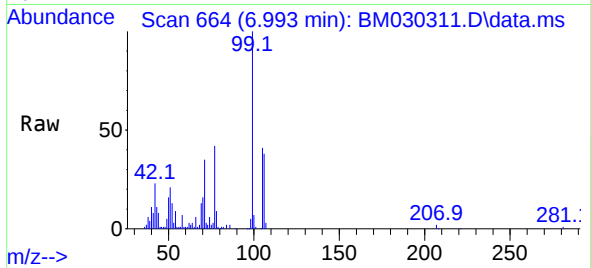
Tgt Ion: 79 Resp: 46439  
Ion Ratio Lower Upper  
79 100  
52 114.3 66.1 99.1#  
51 48.2 31.0 46.4#





#6  
Benzaldehyde  
Concen: 6.088 ng/ul  
RT: 6.993 min Scan# 664  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

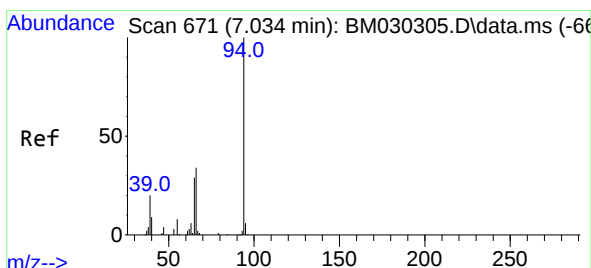
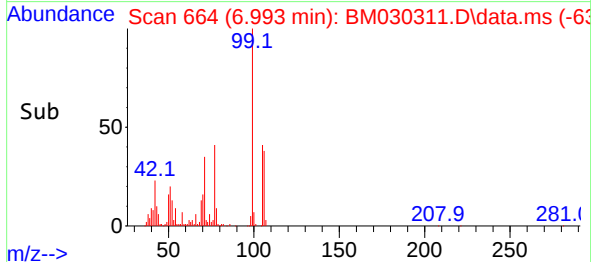
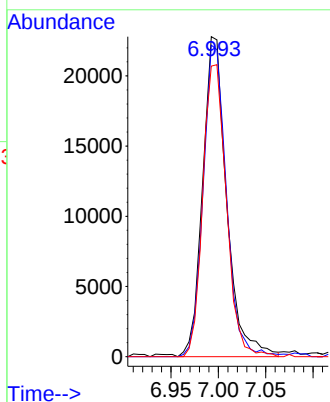
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05



Tgt Ion: 77 Resp: 40110  
Ion Ratio Lower Upper  
77 100  
105 97.4 74.5 111.7  
106 90.8 70.2 105.2

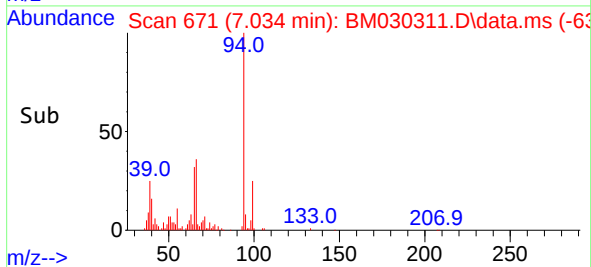
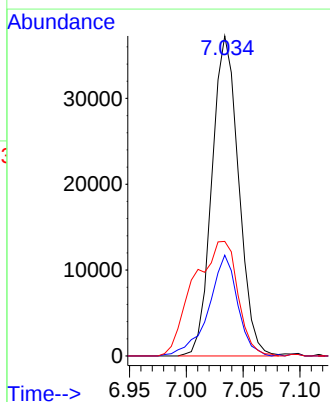
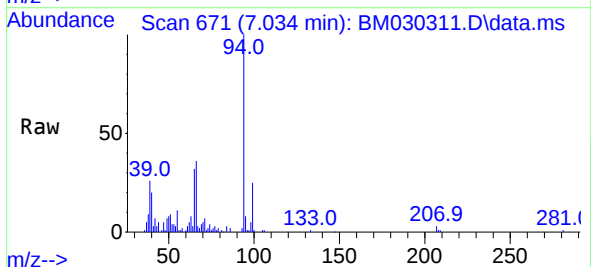
Manual Integrations  
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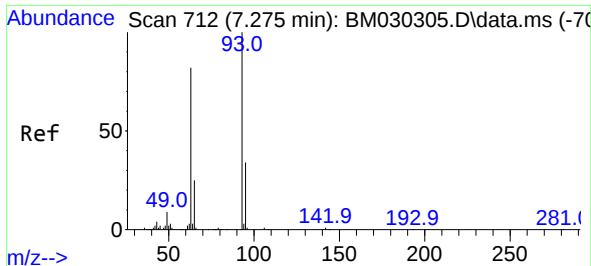
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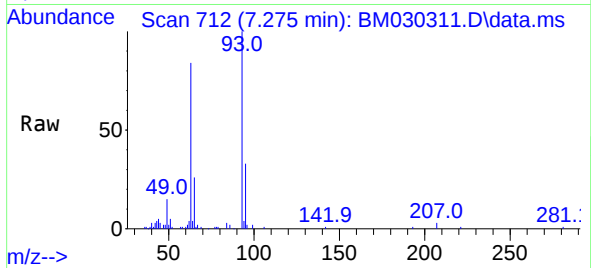
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Phenol  
Concen: 4.280 ng/ul  
RT: 7.034 min Scan# 671  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion: 94 Resp: 60939  
Ion Ratio Lower Upper  
94 100  
65 31.5 24.2 36.4  
66 35.8 29.5 44.3



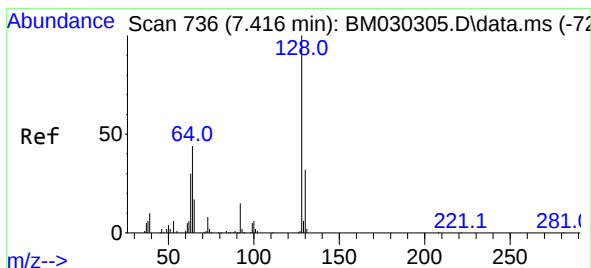
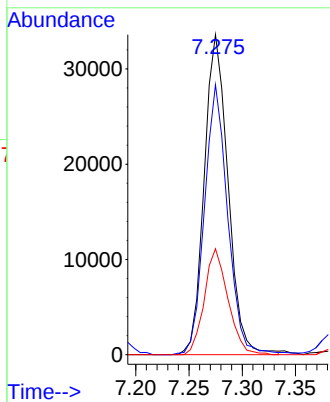
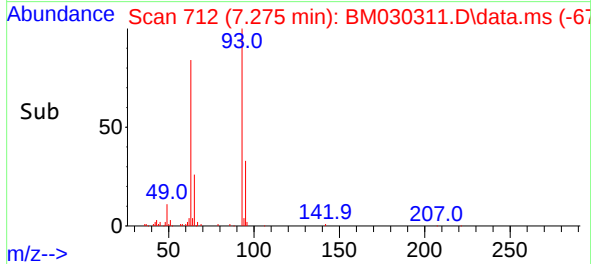


#10  
Bis(2-Chloroethyl)ether  
Concen: 4.550 ng/ul  
RT: 7.275 min Scan# 712  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

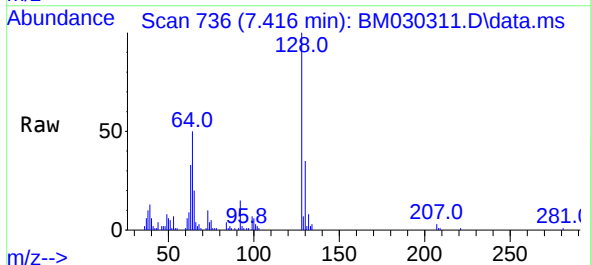


Tgt Ion: 93 Resp: 52307

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 84.3  | 66.6  | 99.8  |
| 95  | 33.1  | 25.8  | 38.6  |

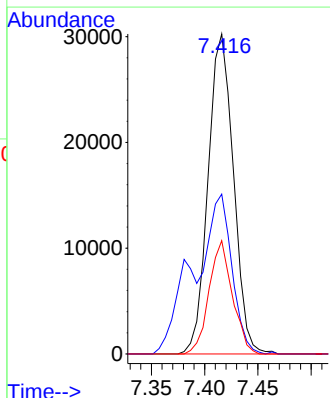
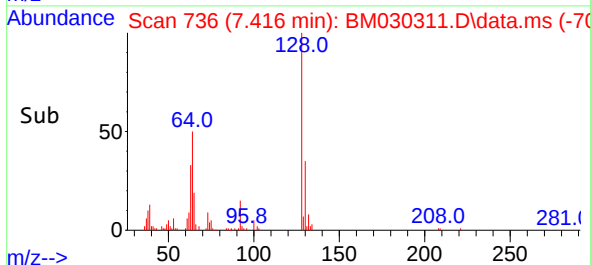


#12  
2-Chlorophenol  
Concen: 4.789 ng/ul  
RT: 7.416 min Scan# 736  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



Tgt Ion: 128 Resp: 50225

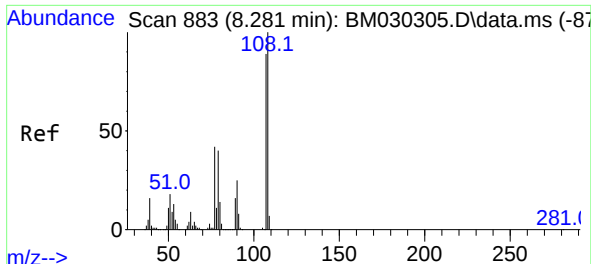
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 64  | 50.0  | 37.7  | 56.5  |
| 130 | 35.4  | 25.6  | 38.4  |



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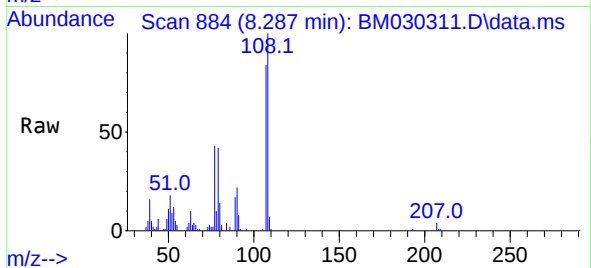
Manual Integrations  
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#13  
2-Methylphenol  
Concen: 3.863 ng/ul  
RT: 8.287 min Scan# 884  
Delta R.T. 0.006 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

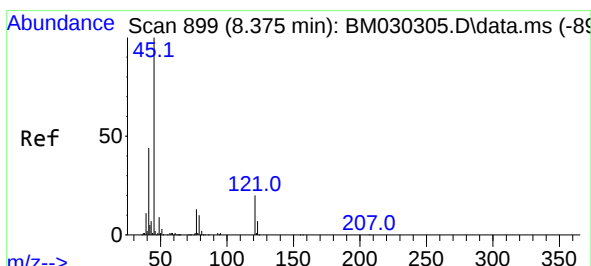
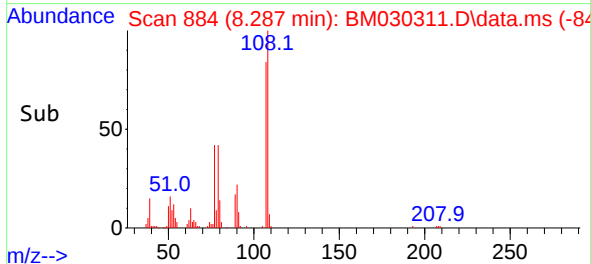
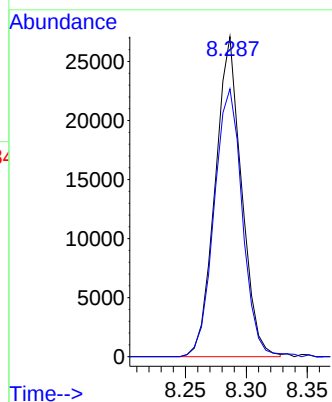
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05



Tgt Ion:108 Resp: 40902  
Ion Ratio Lower Upper  
108 100  
107 83.7 70.8 106.2

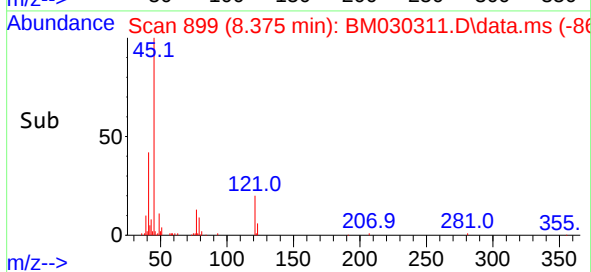
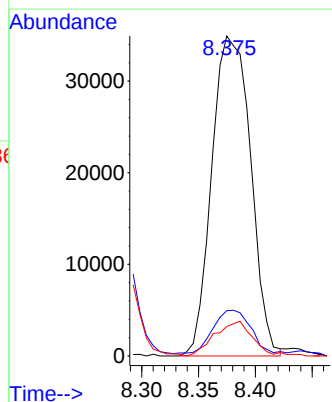
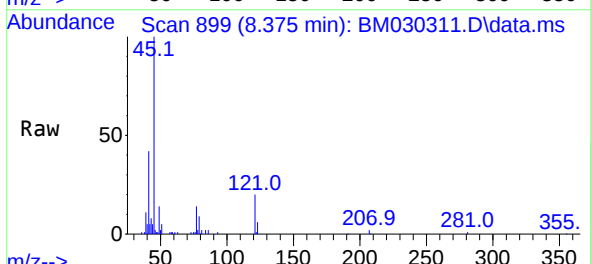
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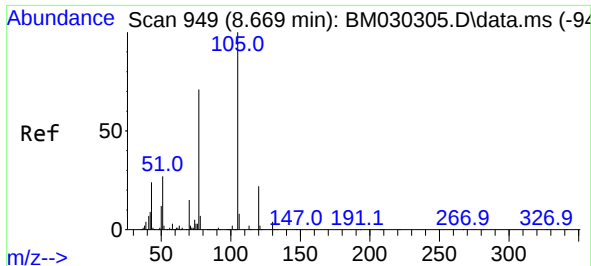
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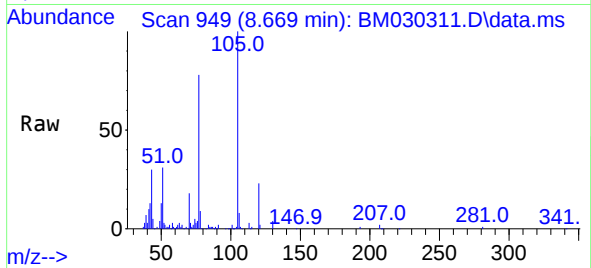
#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.483 ng/ul  
RT: 8.375 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion: 45 Resp: 83010  
Ion Ratio Lower Upper  
45 100  
77 14.1 9.9 14.9  
79 9.2 7.7 11.5

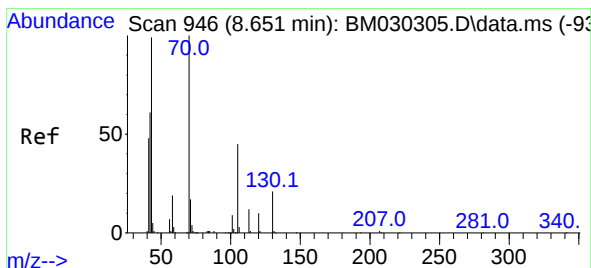
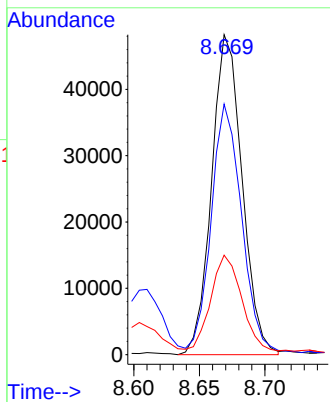
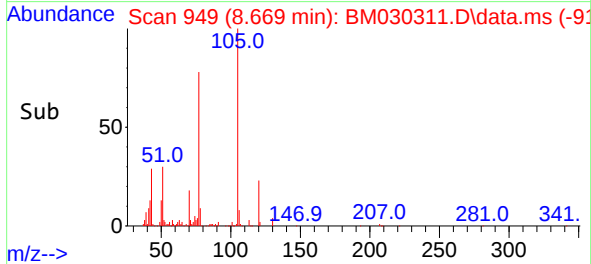




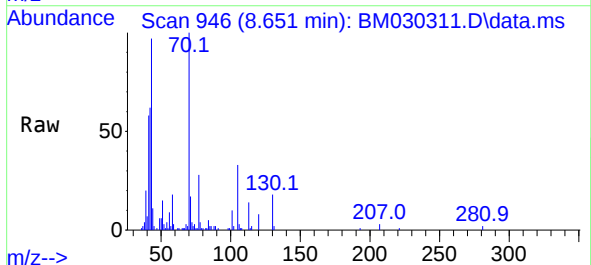
#16  
Acetophenone  
Concen: 4.395 ng/ul  
RT: 8.669 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



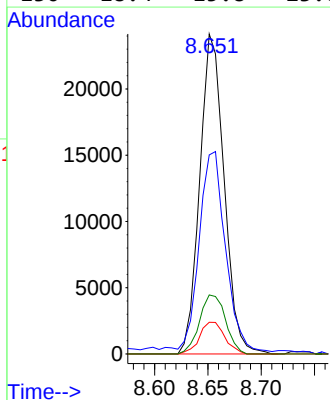
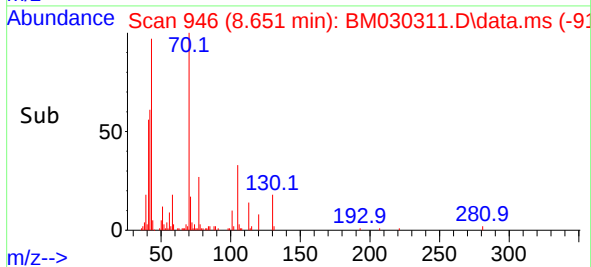
Tgt Ion: 105 Resp: 78023  
Ion Ratio Lower Upper  
105 100  
77 78.3 62.6 93.8  
51 31.1 24.3 36.5



#17  
N-Nitroso-di-n-propylamine  
Concen: 4.449 ng/ul  
RT: 8.651 min Scan# 946  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



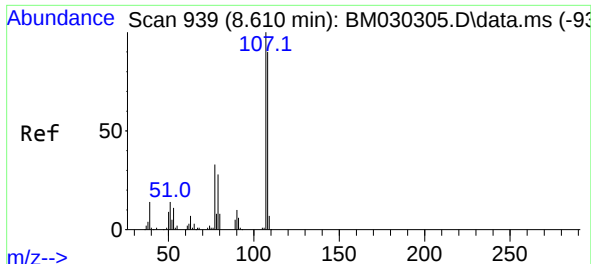
Tgt Ion: 70 Resp: 38388  
Ion Ratio Lower Upper  
70 100  
42 62.2 51.0 76.6  
101 9.9 7.4 11.2  
130 18.4 15.8 23.6



Instrument :  
BNA\_M  
ClientSampleId :  
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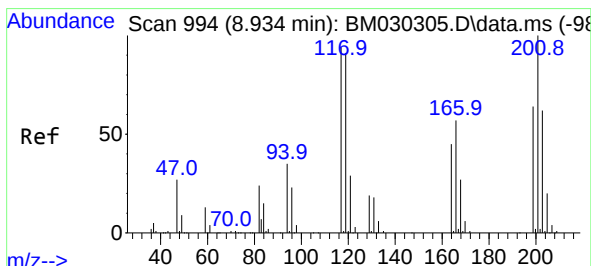
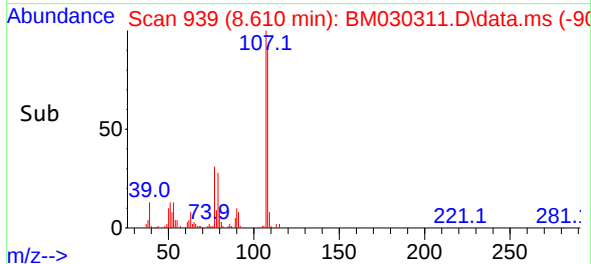
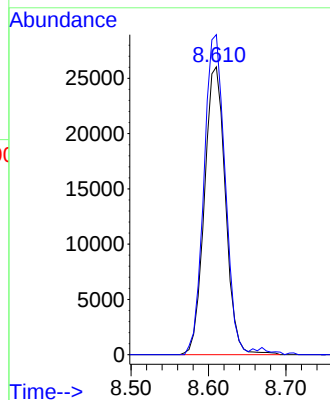
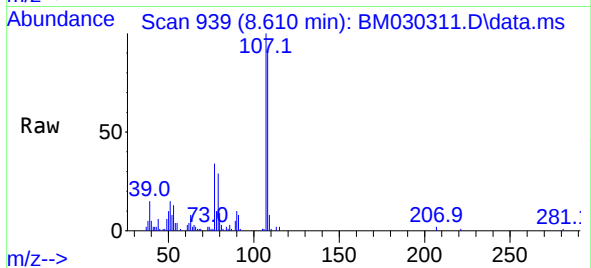
#18  
4-Methylphenol  
Concen: 4.212 ng/ul  
RT: 8.610 min Scan# 939  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:108 Resp: 49175  
Ion Ratio Lower Upper  
108 100  
107 111.1 87.9 131.9

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

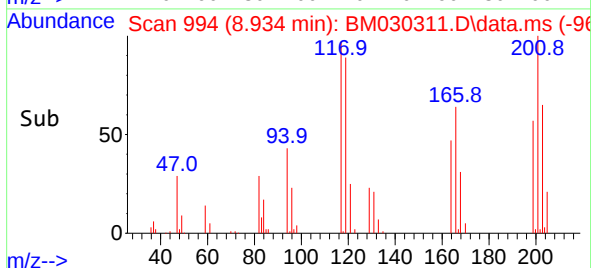
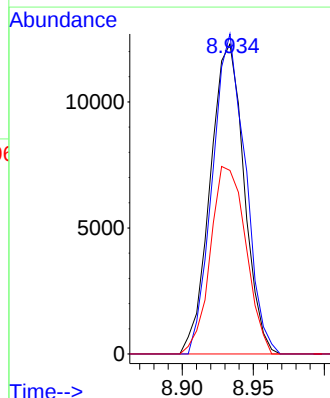
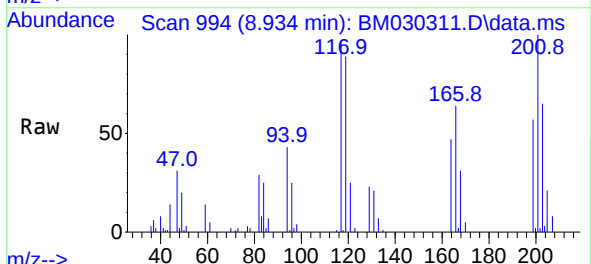
Manual Integrations  
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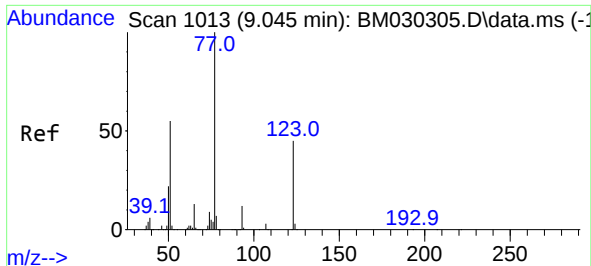
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#19  
Hexachloroethane  
Concen: 4.599 ng/ul  
RT: 8.934 min Scan# 994  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:117 Resp: 20411  
Ion Ratio Lower Upper  
117 100  
201 103.2 81.0 121.6  
199 59.2 49.1 73.7





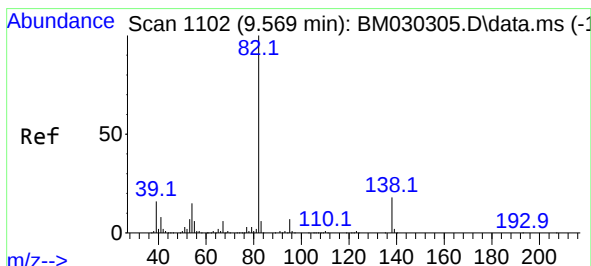
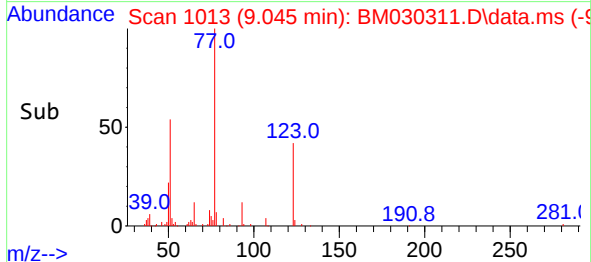
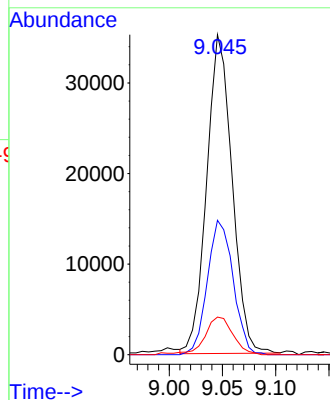
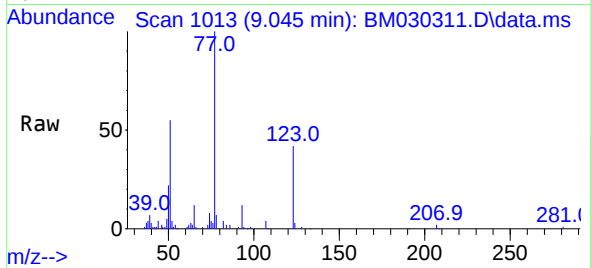
#22  
Nitrobenzene  
Concen: 4.888 ng/ul  
RT: 9.045 min Scan# 1013  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion: 77 Resp: 58461  
Ion Ratio Lower Upper  
77 100  
123 42.0 34.6 51.8  
65 11.7 10.2 15.2

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

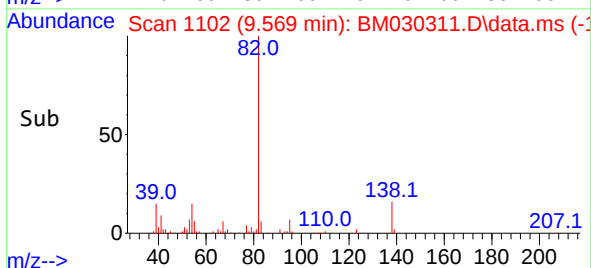
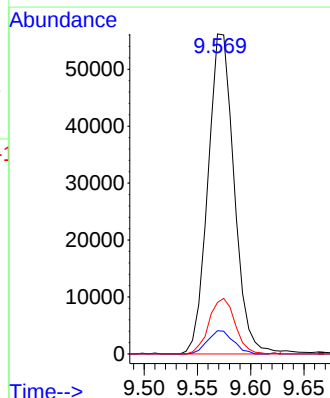
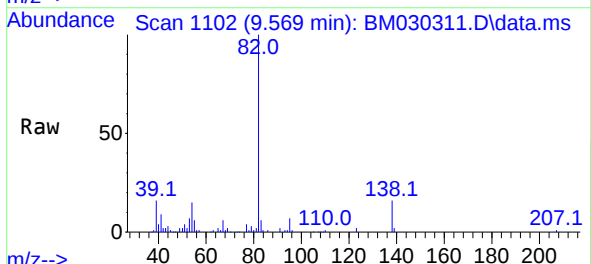
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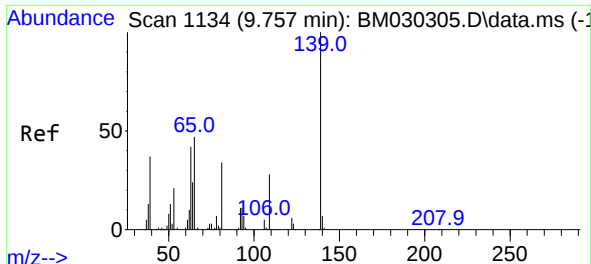
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#23  
Isophorone  
Concen: 4.401 ng/ul  
RT: 9.569 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion: 82 Resp: 96238  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.7 8.5  
138 16.1 14.0 21.0





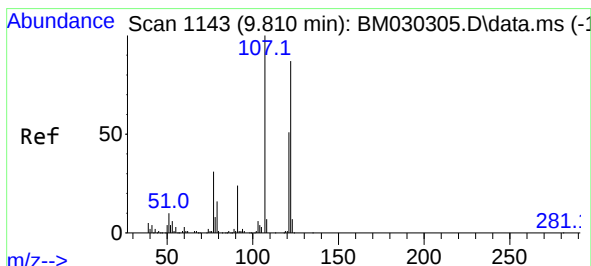
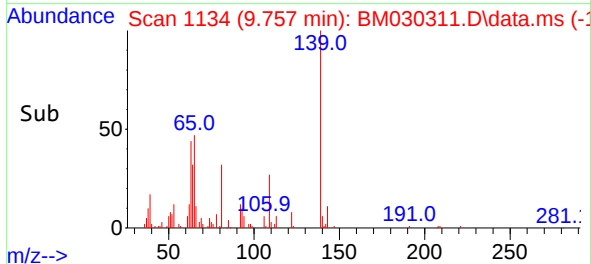
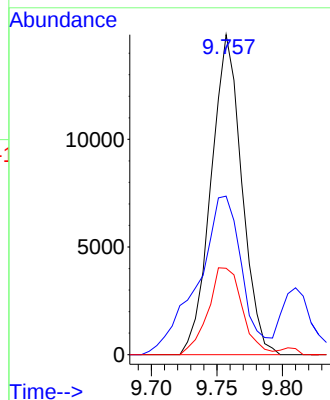
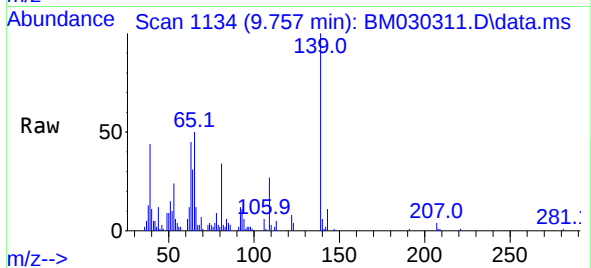
#25  
2-Nitrophenol  
Concen: 4.725 ng/ul  
RT: 9.757 min Scan# 1134  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:139 Resp: 24222  
Ion Ratio Lower Upper  
139 100  
65 49.5 43.0 64.4  
109 27.0 23.8 35.6

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

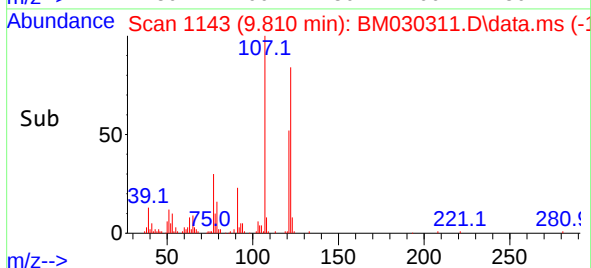
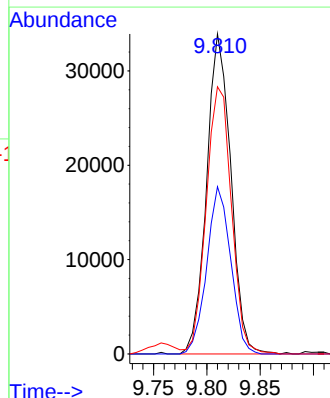
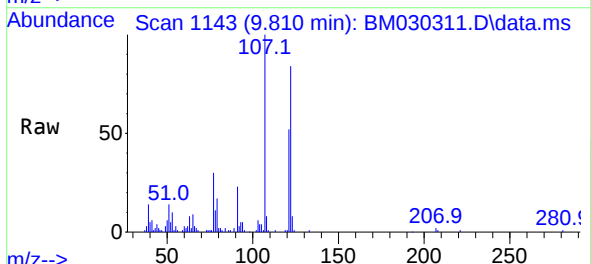
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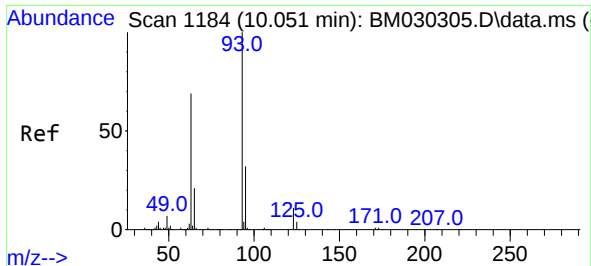
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#26  
2,4-Dimethylphenol  
Concen: 4.619 ng/ul  
RT: 9.810 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:107 Resp: 53602  
Ion Ratio Lower Upper  
107 100  
121 52.3 40.2 60.4  
122 83.5 69.2 103.8





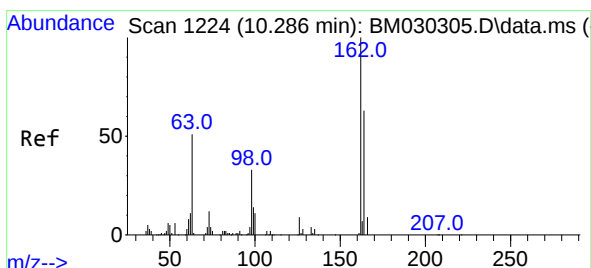
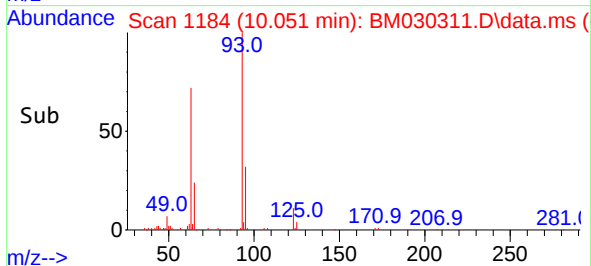
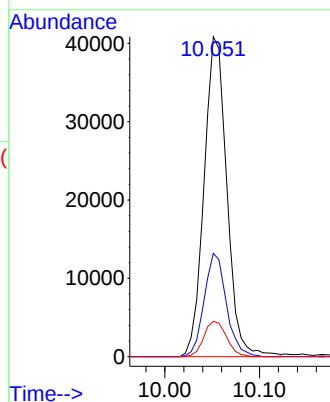
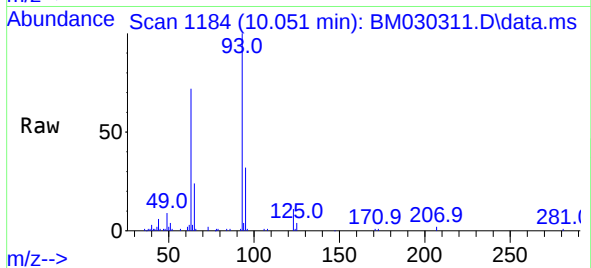
#27  
Bis(2-Chloroethoxy)methane  
Concen: 4.685 ng/ul  
RT: 10.051 min Scan# 1184  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 68212 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 32.3  | 26.2  | 39.2  |
| 123      | 11.0  | 9.0   | 13.6  |

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

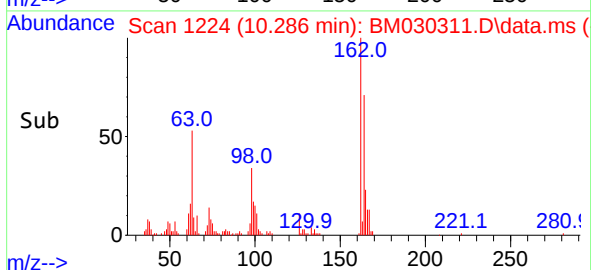
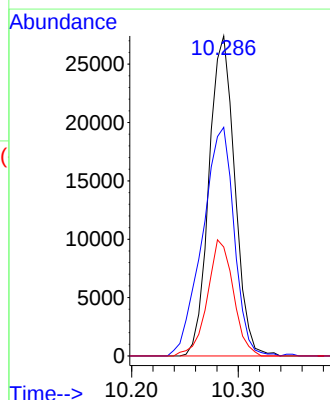
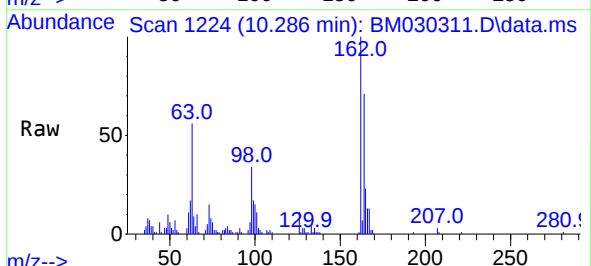
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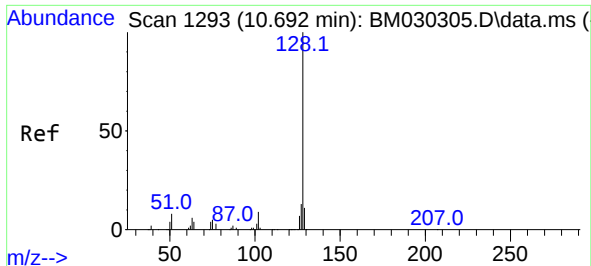
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#29  
2,4-Dichlorophenol  
Concen: 4.696 ng/ul  
RT: 10.286 min Scan# 1224  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 162   | Resp: | 46091 |
| Ion      | Ratio | Lower | Upper |
| 162      | 100   |       |       |
| 164      | 71.4  | 51.5  | 77.3  |
| 98       | 34.0  | 27.8  | 41.8  |





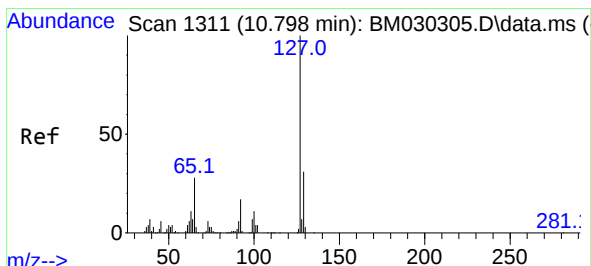
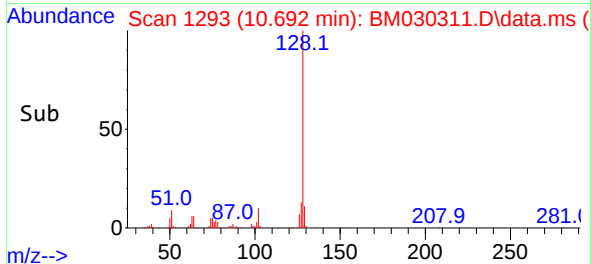
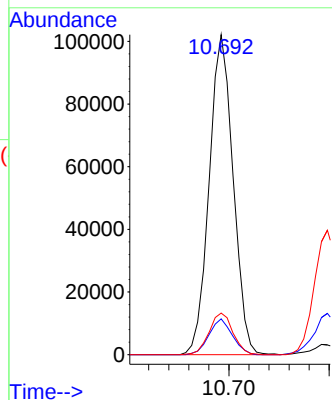
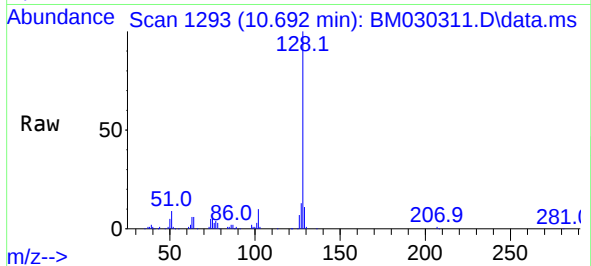
#30  
Naphthalene  
Concen: 4.915 ng/ul  
RT: 10.692 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:128 Resp: 169587  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.6 13.0  
127 13.0 10.2 15.2

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

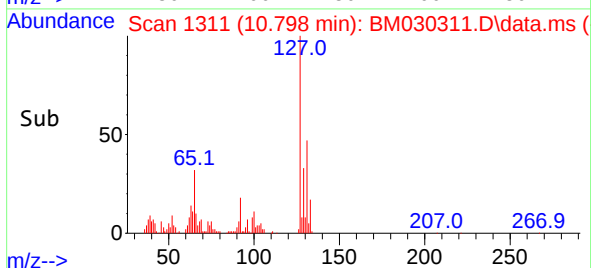
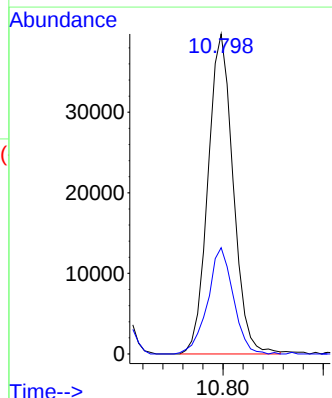
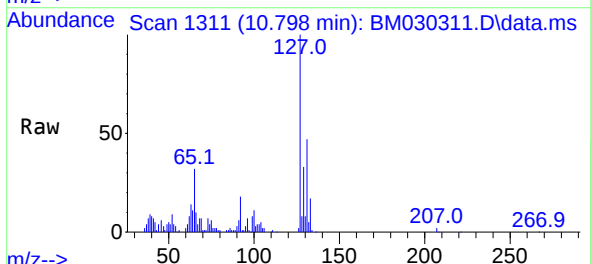
Manual Integrations  
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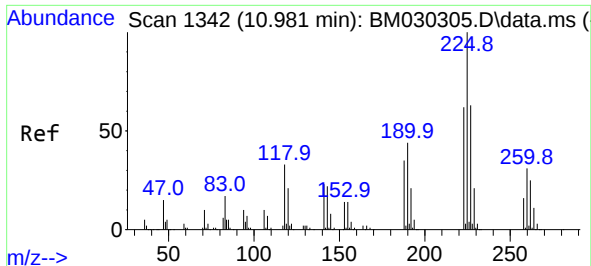
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#32  
4-Chloroaniline  
Concen: 4.499 ng/ul  
RT: 10.798 min Scan# 1311  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:127 Resp: 69394  
Ion Ratio Lower Upper  
127 100  
129 33.2 26.6 39.8





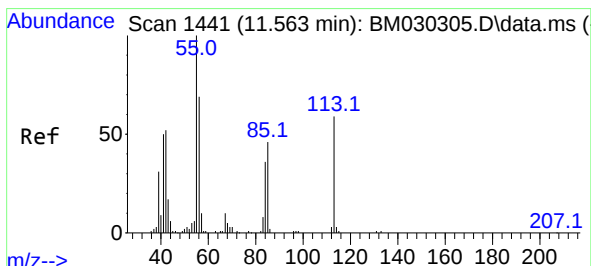
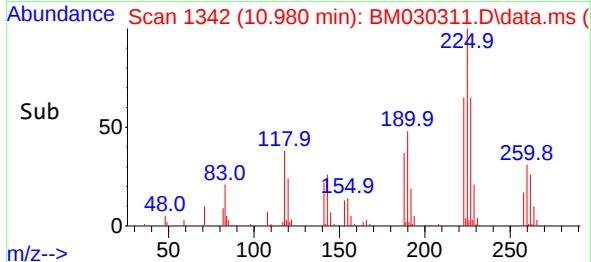
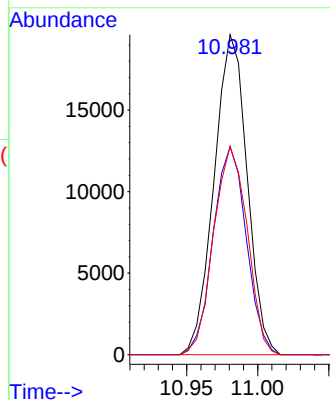
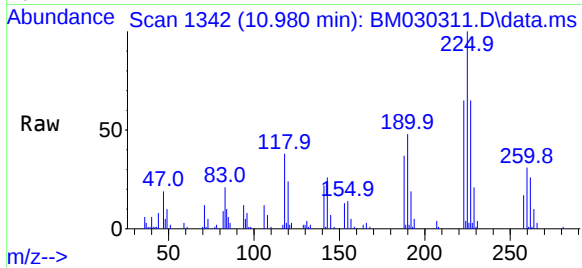
#33  
Hexachlorobutadiene  
Concen: 5.085 ng/ul  
RT: 10.980 min Scan# 1342  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:225 Resp: 31764  
Ion Ratio Lower Upper  
225 100  
223 65.0 52.2 78.2  
227 65.0 54.2 81.4

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

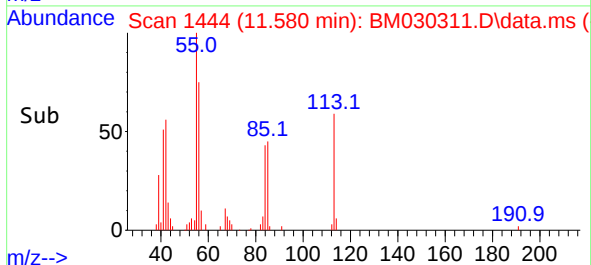
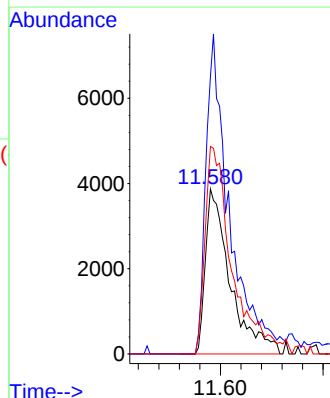
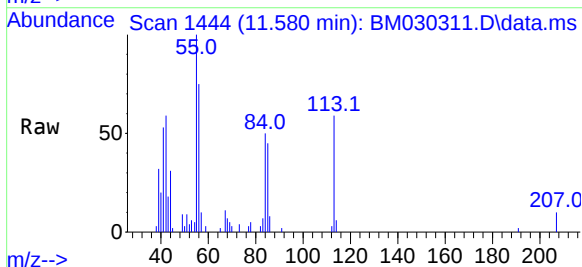
Manual Integrations  
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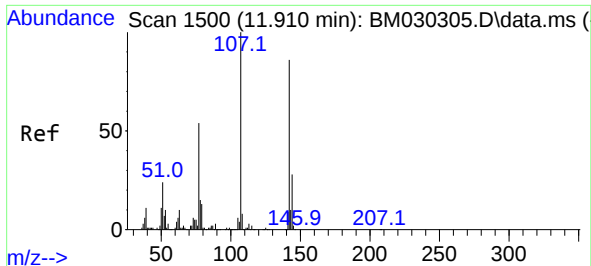
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#34  
Caprolactam  
Concen: 4.120 ng/ul m  
RT: 11.580 min Scan# 1444  
Delta R.T. 0.018 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:113 Resp: 12949  
Ion Ratio Lower Upper  
113 100  
55 168.2 150.3 225.5  
56 125.8 110.9 166.3





#35  
4-Chloro-3-methylphenol  
Concen: 4.178 ng/ul  
RT: 11.910 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

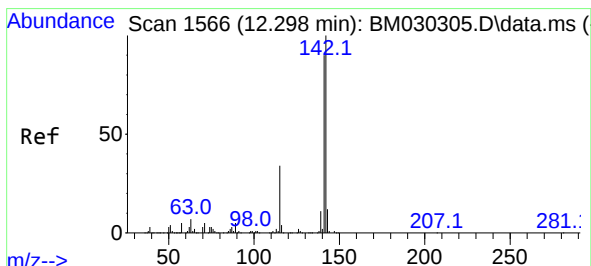
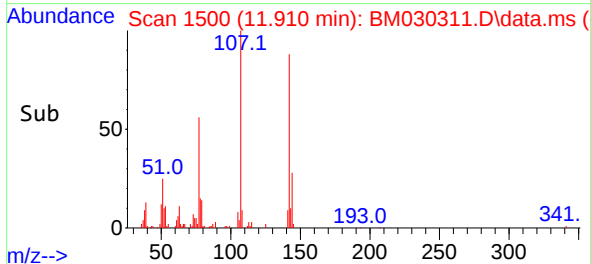
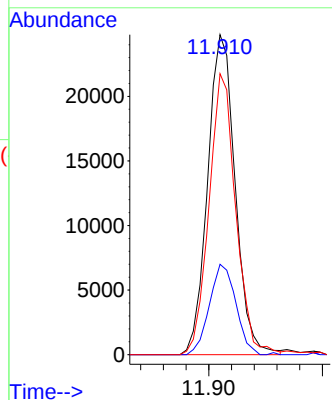
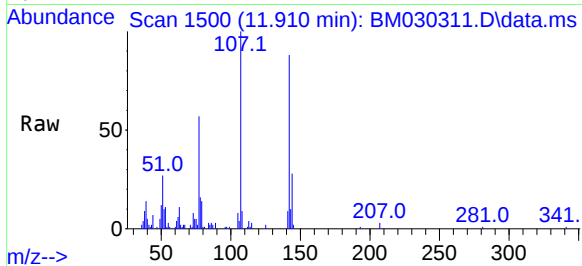
Tgt Ion:107 Resp: 41735  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 144 | 28.2  | 22.3  | 33.5  |
| 142 | 87.8  | 67.8  | 101.6 |

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

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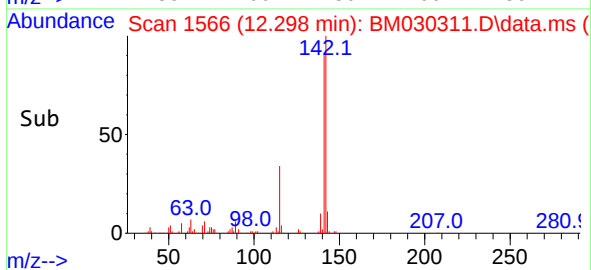
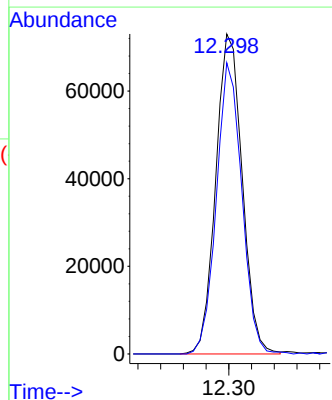
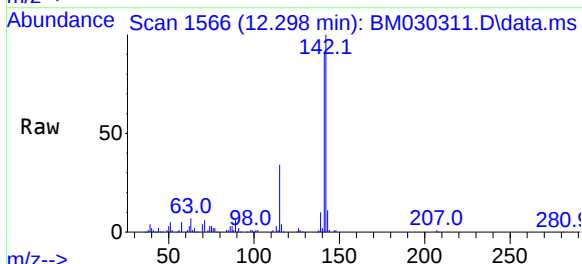
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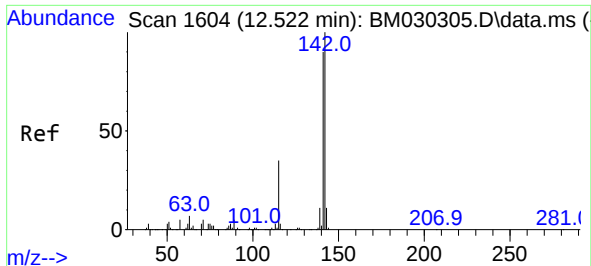


#36  
2-Methylnaphthalene  
Concen: 4.812 ng/ul  
RT: 12.298 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

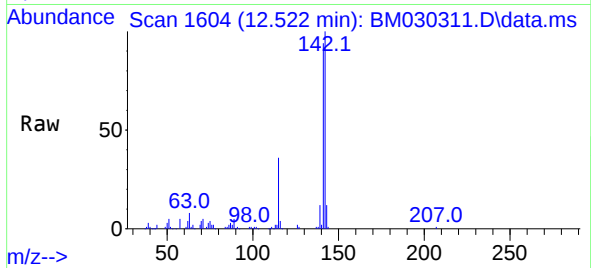
Tgt Ion:142 Resp: 118107  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 91.0  | 70.8  | 106.2 |

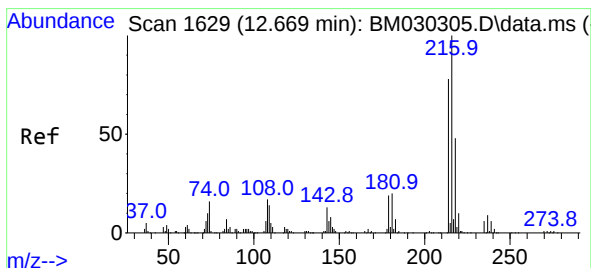
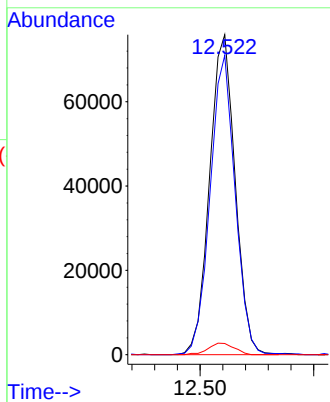
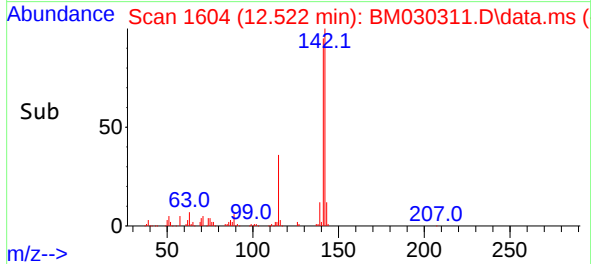




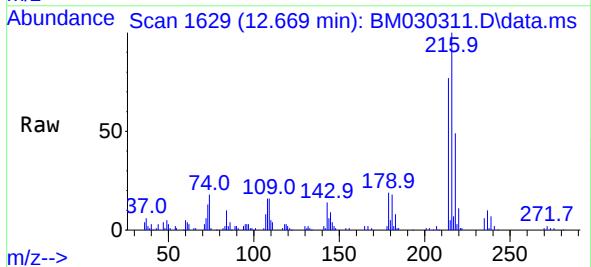
#37  
1-Methylnaphthalene  
Concen: 4.754 ng/ul  
RT: 12.522 min Scan# 1604  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



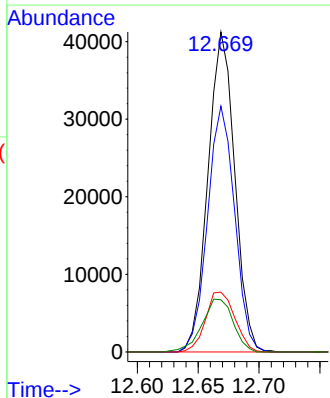
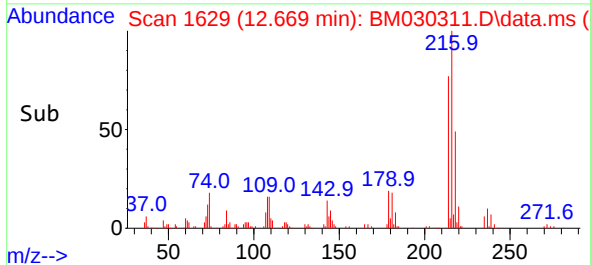
Tgt Ion:142 Resp: 118427  
Ion Ratio Lower Upper  
142 100  
141 93.6 74.2 111.2  
116 3.5 3.3 4.9



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.818 ng/ul  
RT: 12.669 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



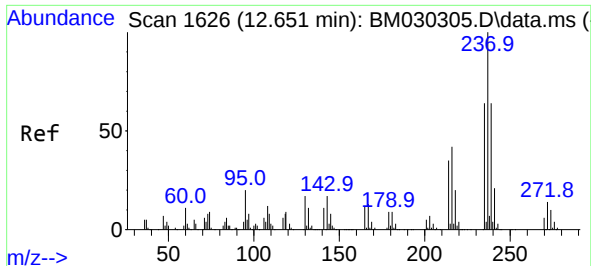
Tgt Ion:216 Resp: 63234  
Ion Ratio Lower Upper  
216 100  
214 76.8 63.0 94.6  
179 18.7 16.8 25.2  
108 16.3 14.2 21.2



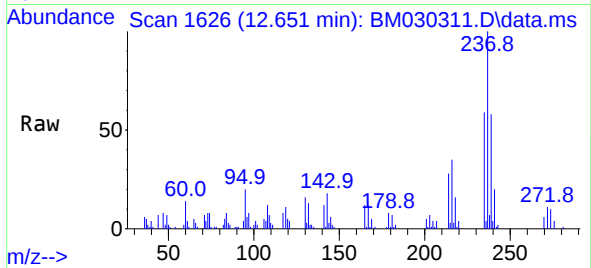
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

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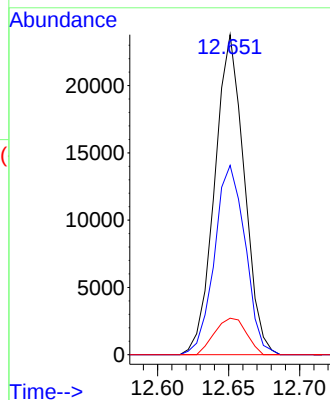
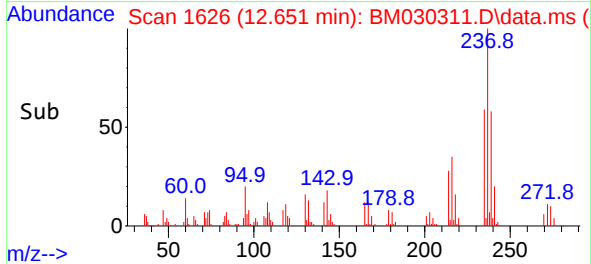
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#40  
Hexachlorocyclopentadiene  
Concen: 4.144 ng/ul  
RT: 12.651 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



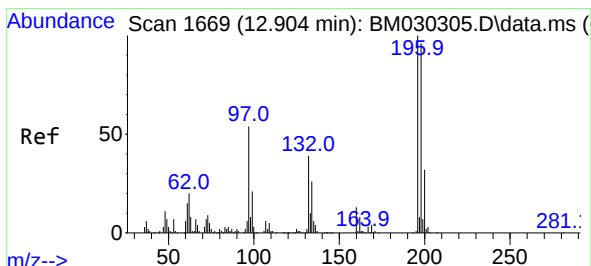
Tgt Ion:237 Resp: 34364  
Ion Ratio Lower Upper  
237 100  
235 59.2 51.9 77.9  
272 11.4 9.8 14.8



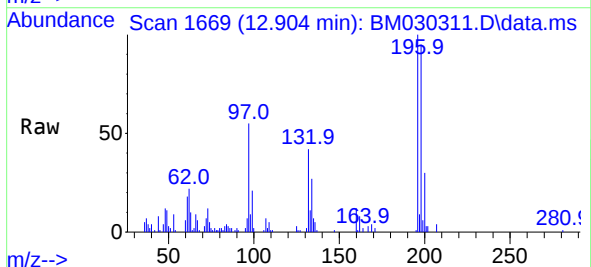
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

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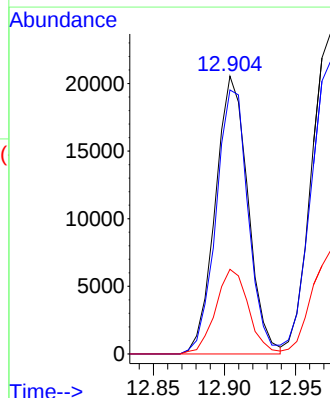
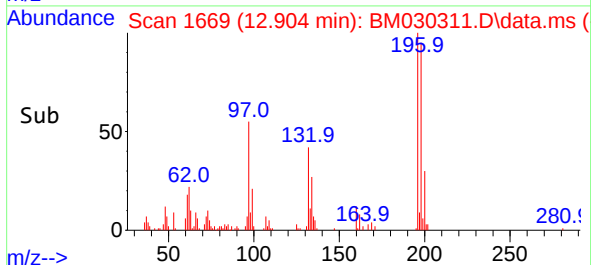
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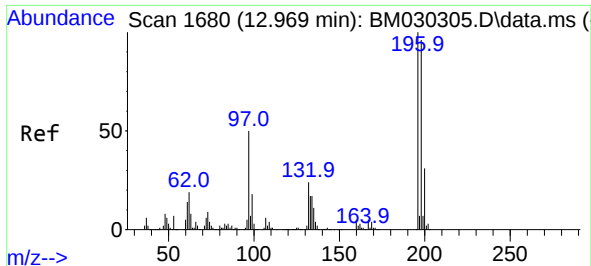


#41  
2,4,6-Trichlorophenol  
Concen: 4.165 ng/ul  
RT: 12.904 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



Tgt Ion:196 Resp: 32840  
Ion Ratio Lower Upper  
196 100  
198 95.1 75.8 113.6  
200 30.5 24.4 36.6





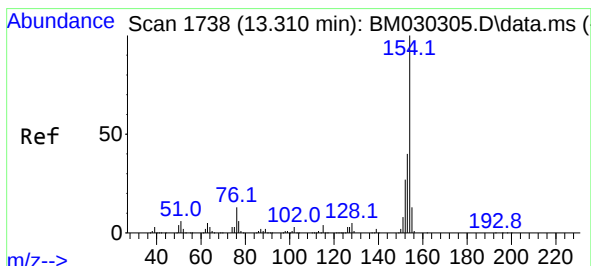
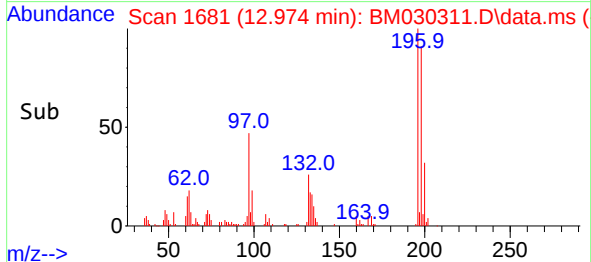
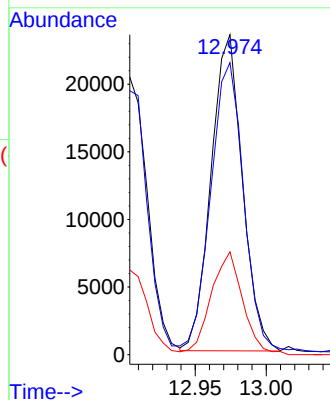
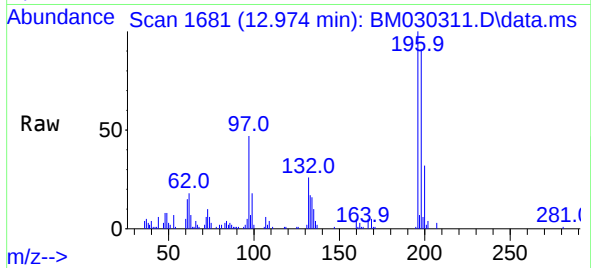
#42  
2,4,5-Trichlorophenol  
Concen: 4.189 ng/ul  
RT: 12.974 min Scan# 1681  
Delta R.T. 0.006 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:196 Resp: 35975  
Ion Ratio Lower Upper  
196 100  
198 91.2 77.5 116.3  
200 32.1 25.1 37.7

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

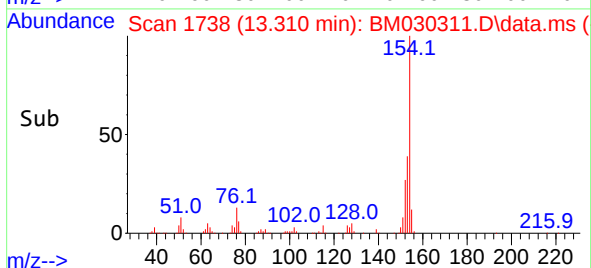
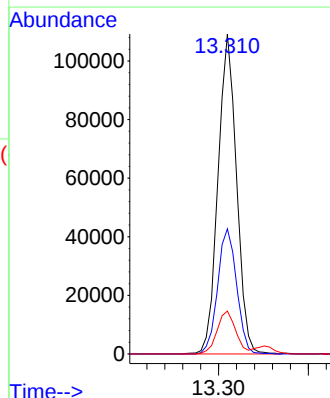
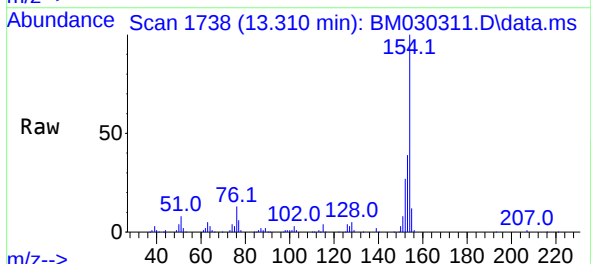
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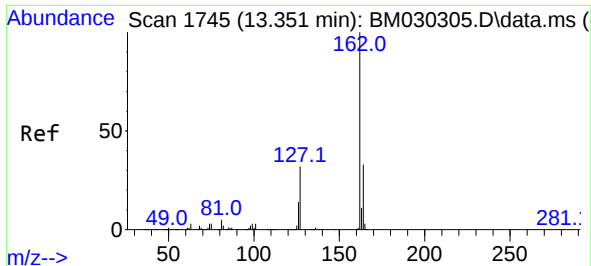
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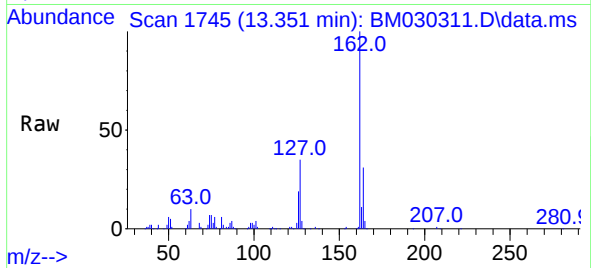
#43  
1,1'-Biphenyl  
Concen: 4.765 ng/ul  
RT: 13.310 min Scan# 1738  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:154 Resp: 156734  
Ion Ratio Lower Upper  
154 100  
153 39.1 31.5 47.3  
76 13.4 10.8 16.2

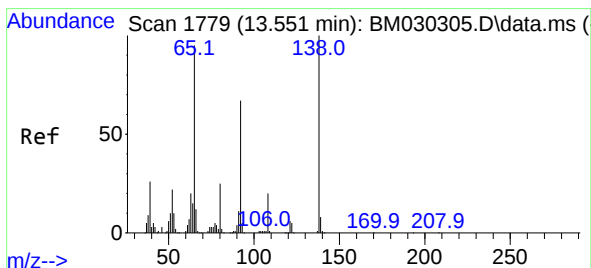
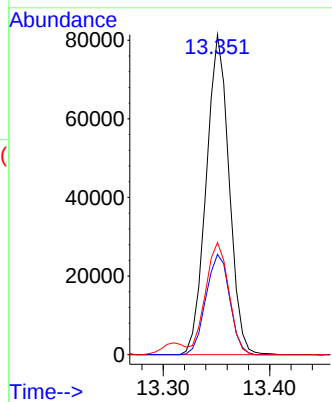
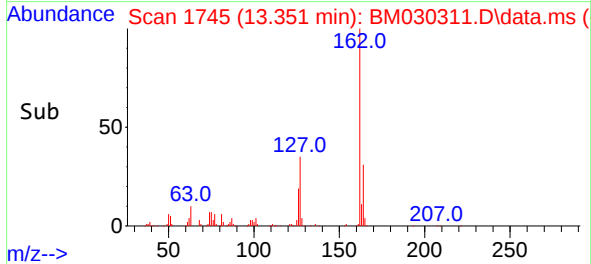




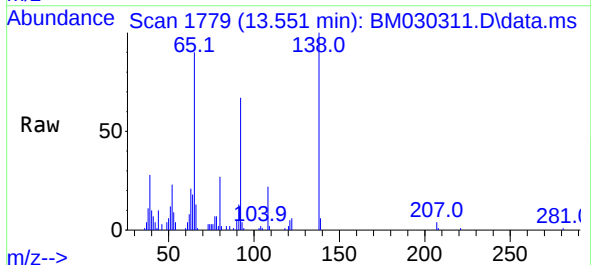
#44  
2-Chloronaphthalene  
Concen: 4.780 ng/ul  
RT: 13.351 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



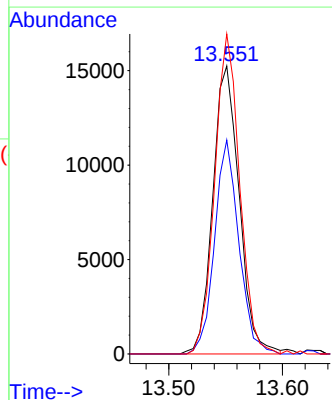
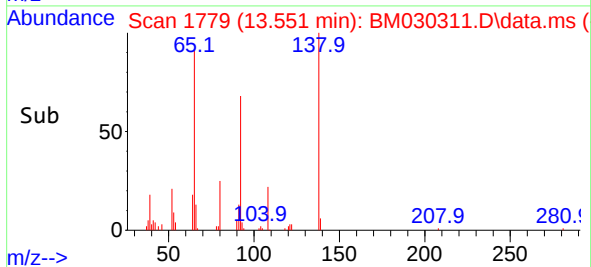
Tgt Ion:162 Resp: 121334  
Ion Ratio Lower Upper  
162 100  
164 31.4 26.0 39.0  
127 35.1 28.6 42.8



#45  
2-Nitroaniline  
Concen: 3.884 ng/ul  
RT: 13.551 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



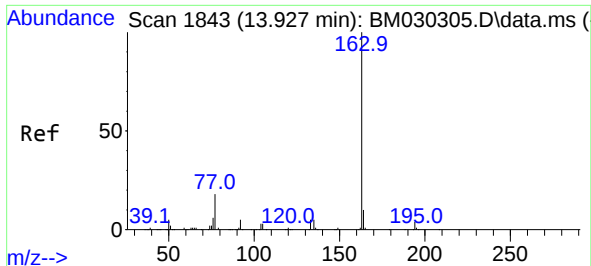
Tgt Ion: 65 Resp: 24643  
Ion Ratio Lower Upper  
65 100  
92 74.3 54.4 81.6  
138 111.1 84.1 126.1



Instrument :  
BNA\_M  
ClientSampleId :  
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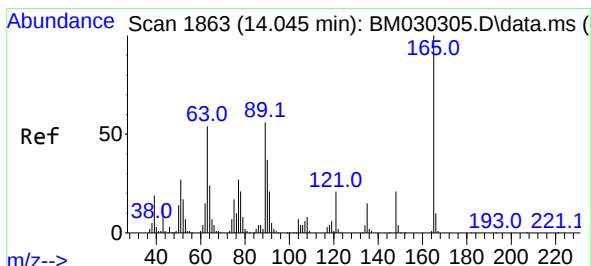
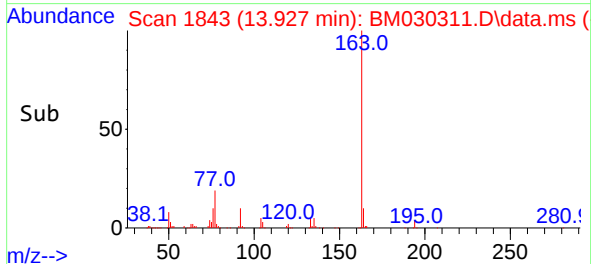
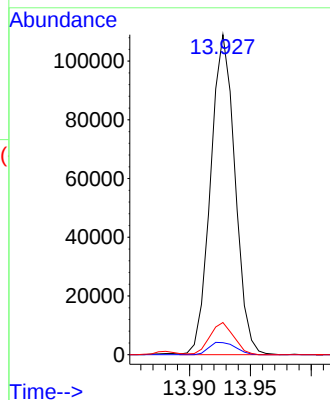
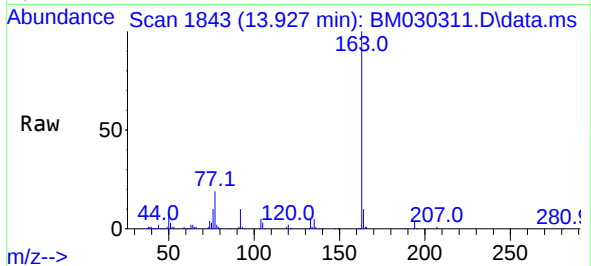
#47  
Dimethylphthalate  
Concen: 5.027 ng/ul  
RT: 13.927 min Scan# 1843  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:163 Resp: 152132  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.2 4.8  
164 10.0 8.0 12.0

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

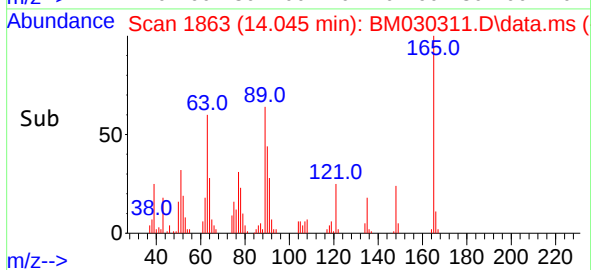
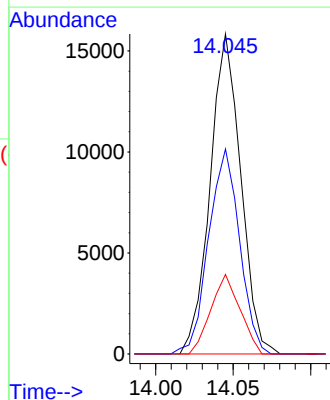
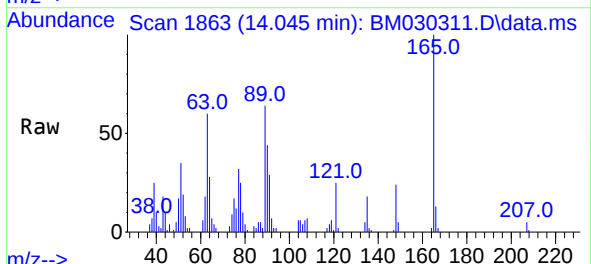
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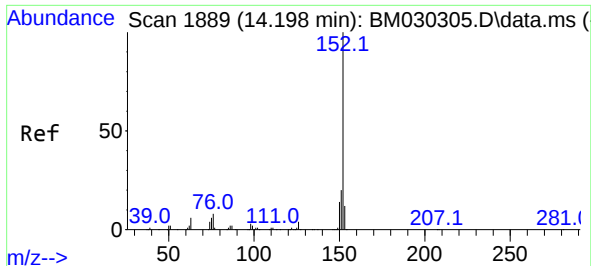
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#48  
2,6-Dinitrotoluene  
Concen: 4.021 ng/ul  
RT: 14.045 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

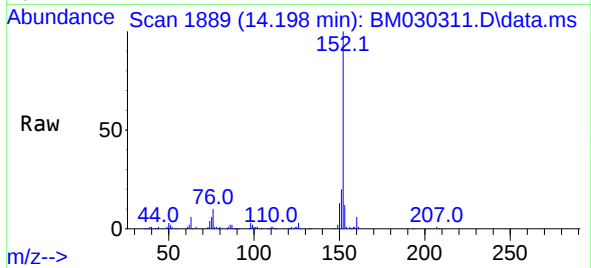
Tgt Ion:165 Resp: 21808  
Ion Ratio Lower Upper  
165 100  
89 64.1 49.8 74.6  
121 24.8 18.6 27.8





#50  
Acenaphthylene  
Concen: 4.948 ng/ul  
RT: 14.198 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

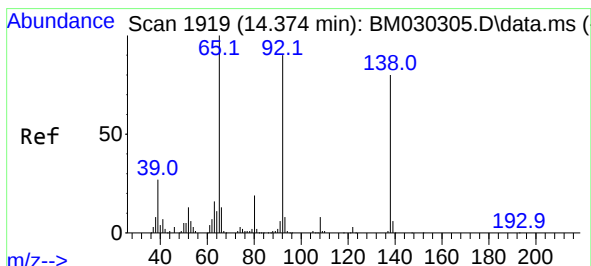
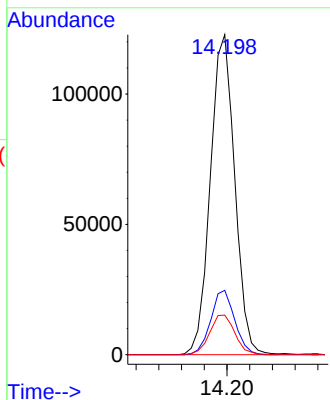
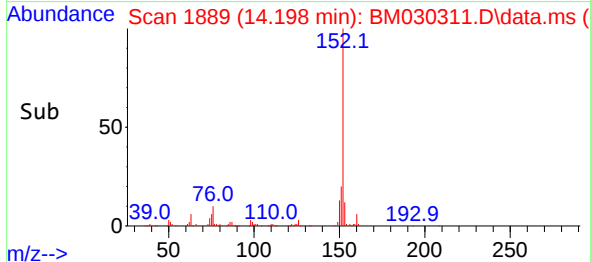
Instrument :  
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ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05



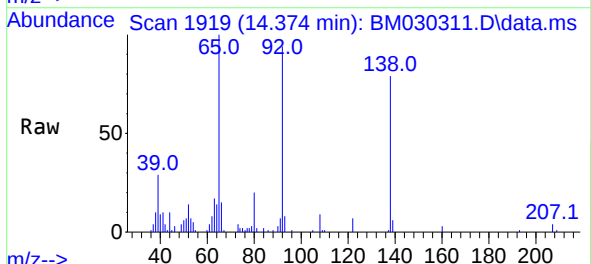
Tgt Ion:152 Resp: 182897  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.9 23.9  
153 12.3 10.5 15.7

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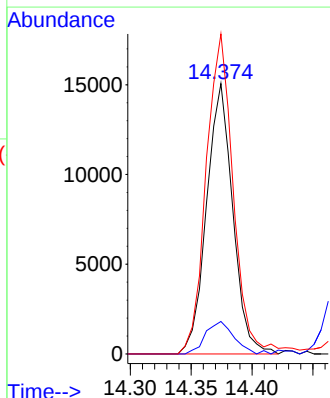
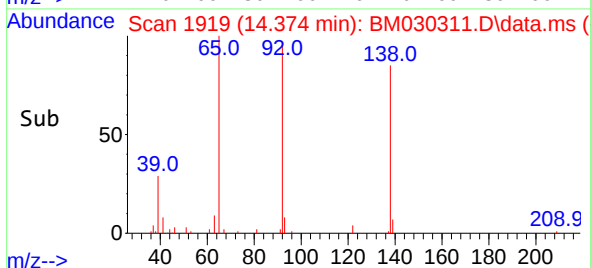
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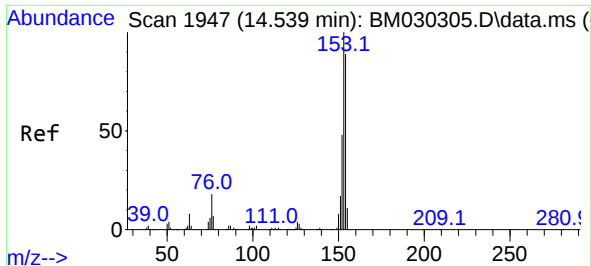


#51  
3-Nitroaniline  
Concen: 3.653 ng/ul  
RT: 14.374 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

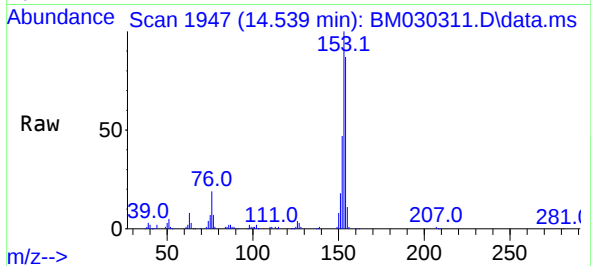


Tgt Ion:138 Resp: 22585  
Ion Ratio Lower Upper  
138 100  
108 12.0 8.7 13.1  
92 118.3 94.1 141.1

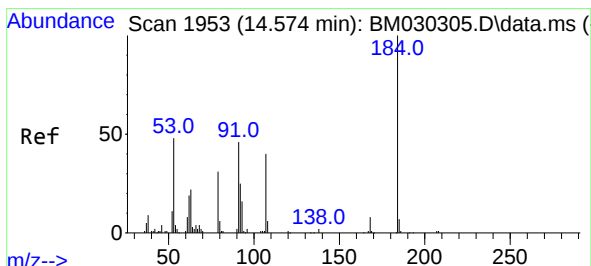
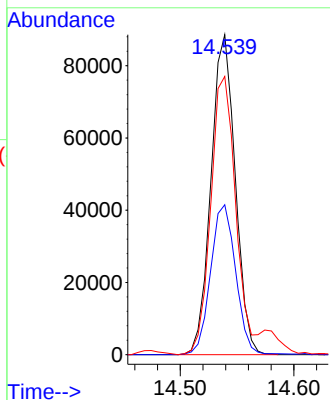
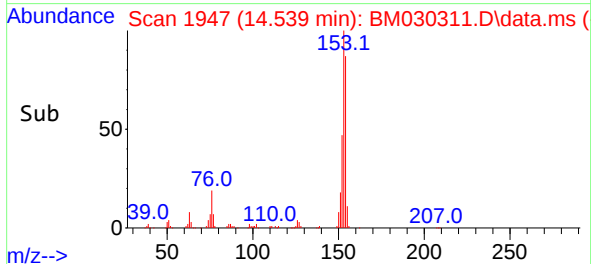




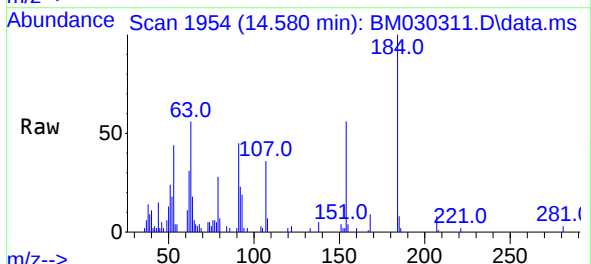
#52  
Acenaphthene  
Concen: 4.792 ng/ul  
RT: 14.539 min Scan# 1947  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



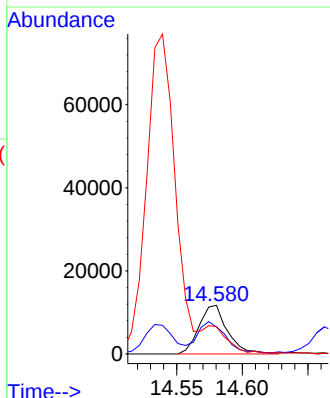
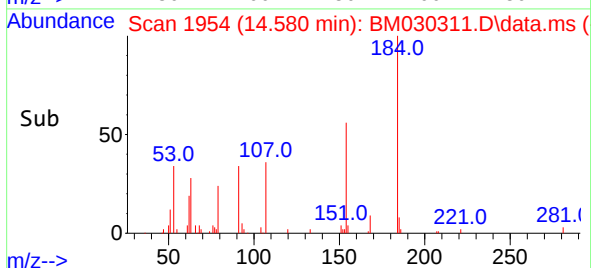
Tgt Ion:153 Resp: 131604  
Ion Ratio Lower Upper  
153 100  
152 46.8 39.0 58.4  
154 87.0 71.7 107.5



#53  
2,4-Dinitrophenol  
Concen: 4.893 ng/ul  
RT: 14.580 min Scan# 1954  
Delta R.T. 0.006 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



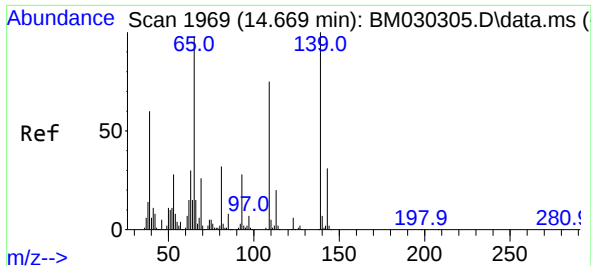
Tgt Ion:184 Resp: 17708  
Ion Ratio Lower Upper  
184 100  
63 55.7 53.9 80.9  
154 56.0 47.4 71.0



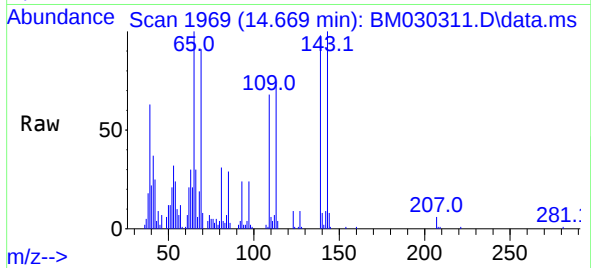
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

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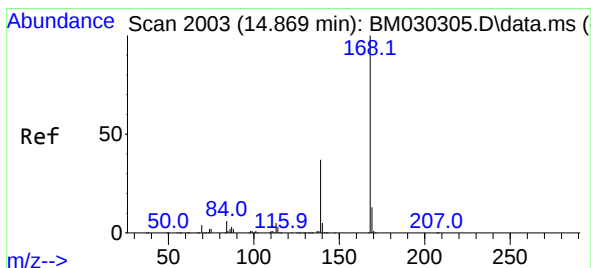
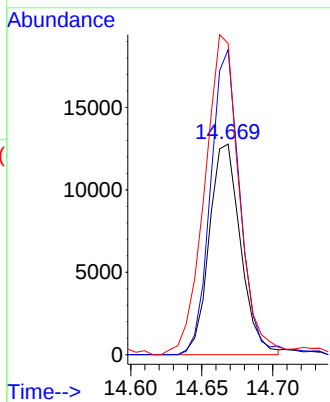
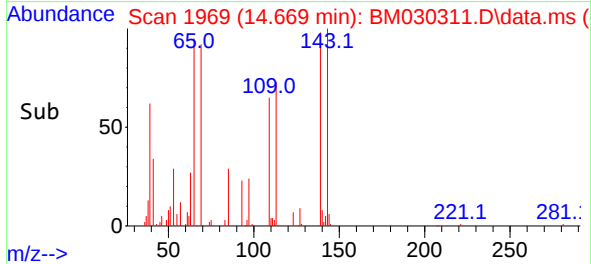


#55  
4-Nitrophenol  
Concen: 4.313 ng/ul  
RT: 14.669 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

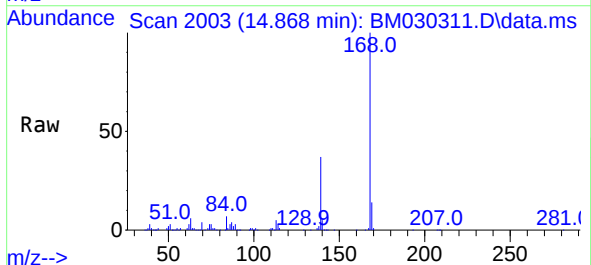


Tgt Ion:109 Resp: 19595  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 109 | 100   |       |       |
| 139 | 144.8 | 110.1 | 165.1 |
| 65  | 147.8 | 112.4 | 168.6 |

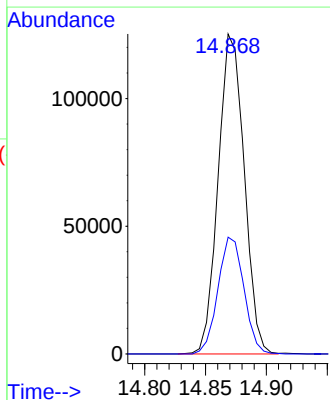
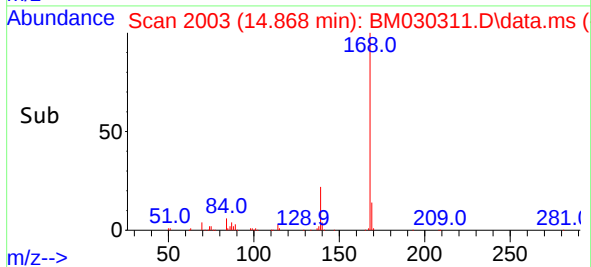


#56  
Dibenzofuran  
Concen: 4.878 ng/ul  
RT: 14.868 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



Tgt Ion:168 Resp: 186370  

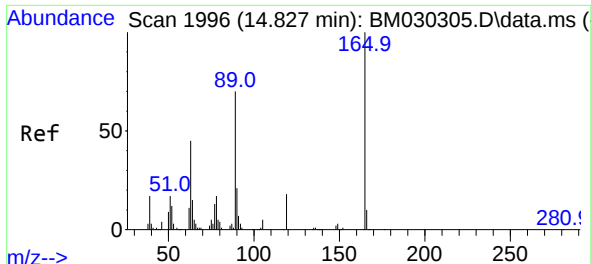
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 36.5  | 29.4  | 44.0  |



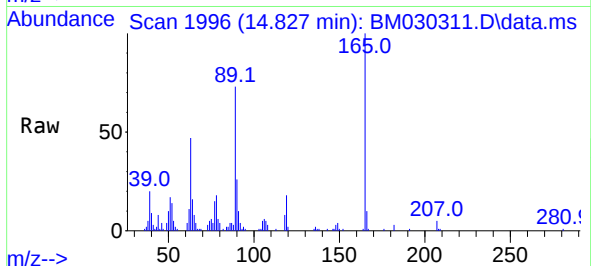
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

Manual Integrations  
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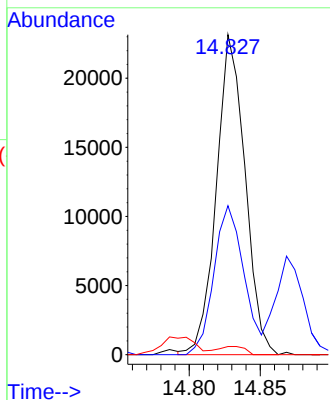
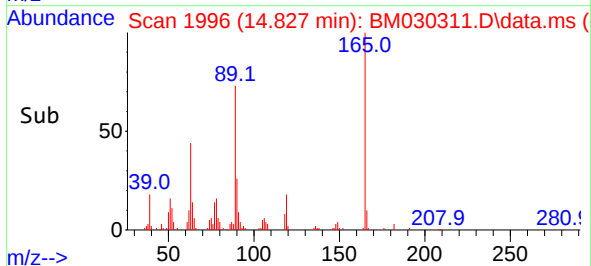
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#57  
2,4-Dinitrotoluene  
Concen: 4.233 ng/ul  
RT: 14.827 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



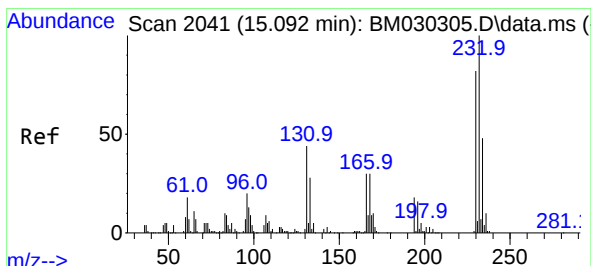
Tgt Ion:165 Resp: 32464  
Ion Ratio Lower Upper  
165 100  
63 46.6 34.2 51.4  
182 2.6 2.1 3.1



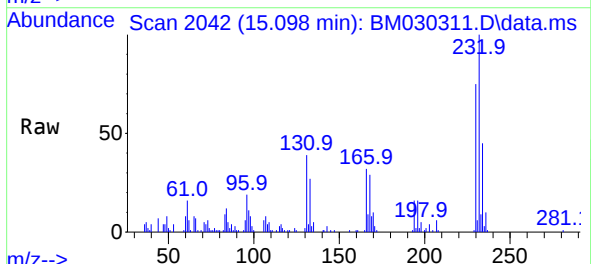
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

Manual Integrations  
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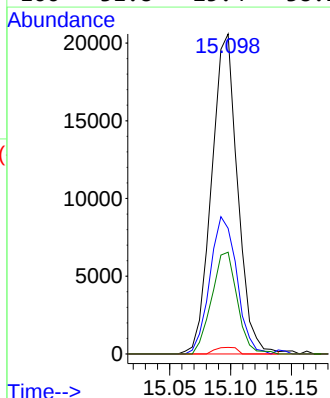
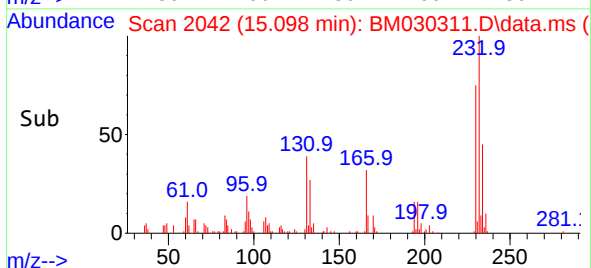
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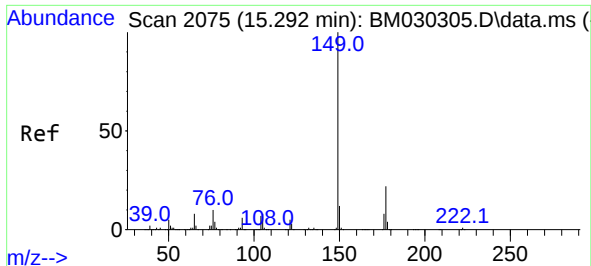


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 4.444 ng/ul  
RT: 15.098 min Scan# 2042  
Delta R.T. 0.006 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



Tgt Ion:232 Resp: 30552  
Ion Ratio Lower Upper  
232 100  
131 39.3 35.7 53.5  
130 2.1 1.8 2.6  
166 31.8 25.4 38.2





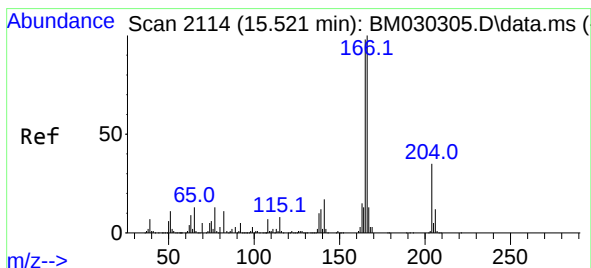
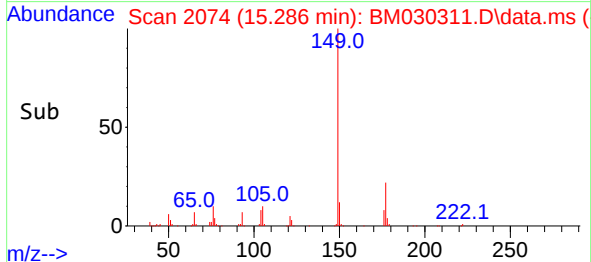
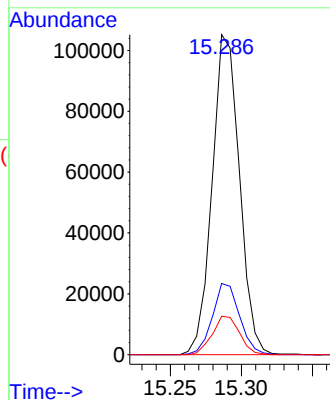
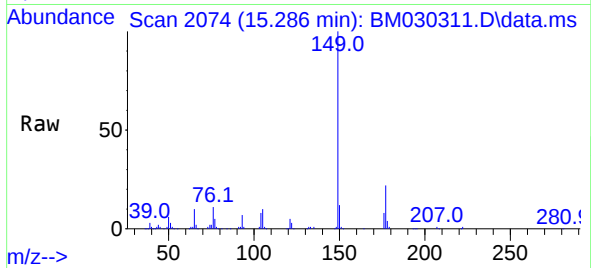
#59  
Diethylphthalate  
Concen: 4.706 ng/ul  
RT: 15.286 min Scan# 2074  
Delta R.T. -0.006 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:149 Resp: 140528  
Ion Ratio Lower Upper  
149 100  
177 22.2 17.4 26.0  
150 12.0 10.0 15.0

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

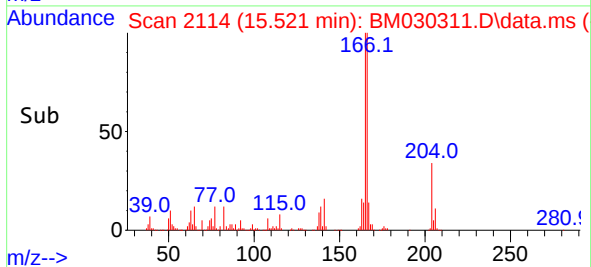
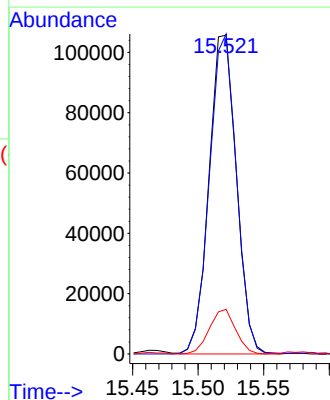
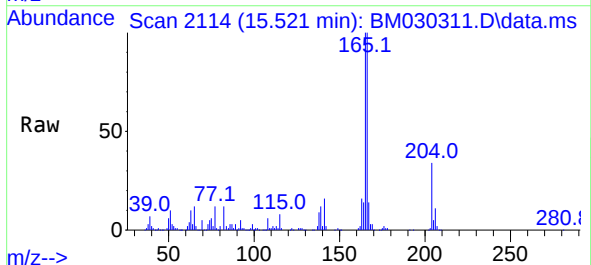
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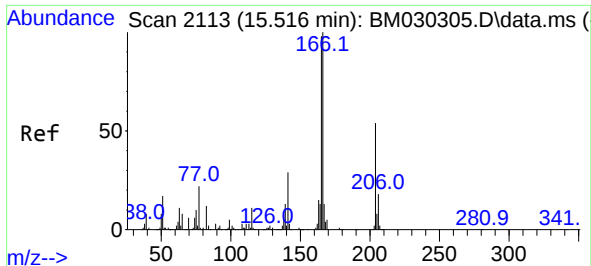
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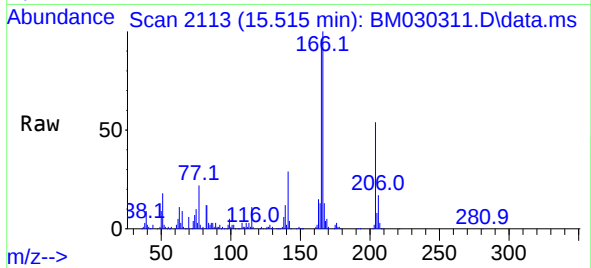
#61  
Fluorene  
Concen: 4.801 ng/ul  
RT: 15.521 min Scan# 2114  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:166 Resp: 153997  
Ion Ratio Lower Upper  
166 100  
165 100.4 77.0 115.6  
167 14.0 10.5 15.7

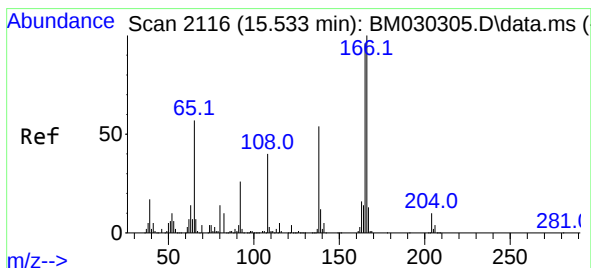
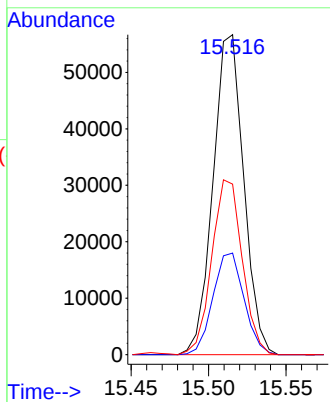
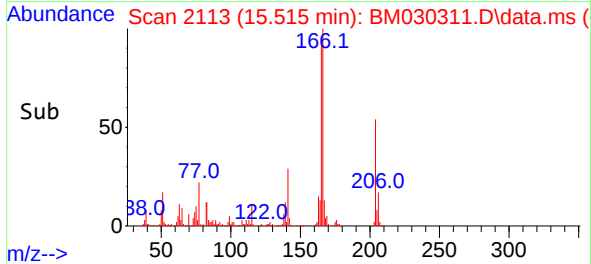




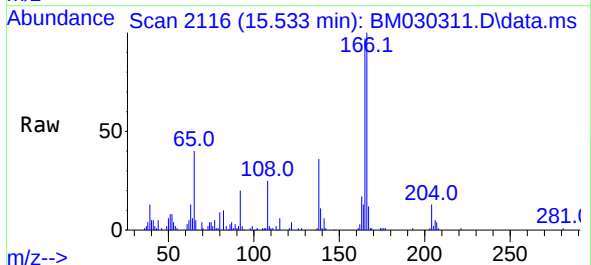
#62  
4-Chlorophenyl-phenylether  
Concen: 5.051 ng/ul  
RT: 15.515 min Scan# 2113  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



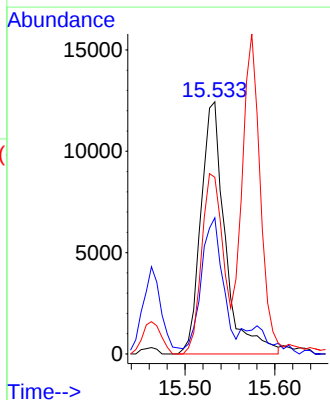
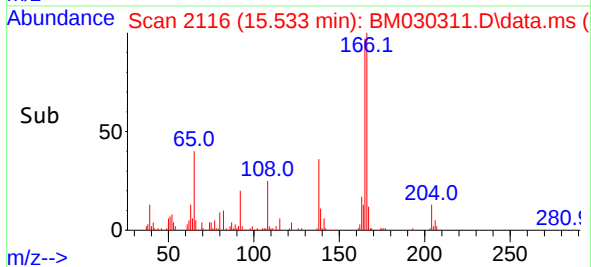
Tgt Ion:204 Resp: 78030  
Ion Ratio Lower Upper  
204 100  
206 31.7 26.1 39.1  
141 53.3 44.0 66.0



#63  
4-Nitroaniline  
Concen: 4.052 ng/ul  
RT: 15.533 min Scan# 2116  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



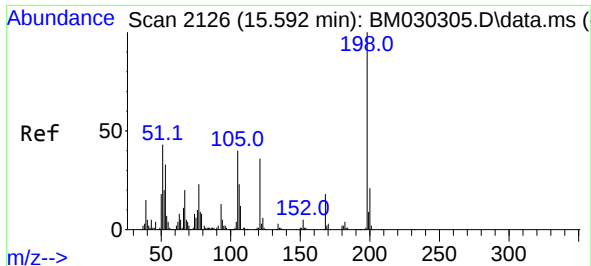
Tgt Ion:138 Resp: 23461  
Ion Ratio Lower Upper  
138 100  
92 54.0 41.2 61.8  
108 70.1 61.3 91.9



Instrument :  
BNA\_M  
ClientSampleId :  
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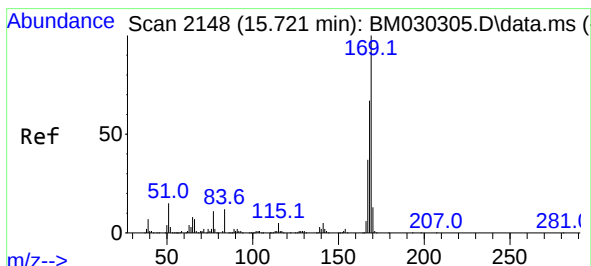
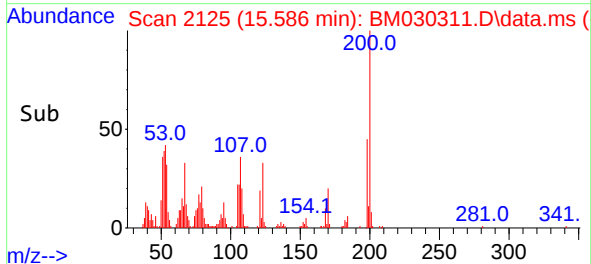
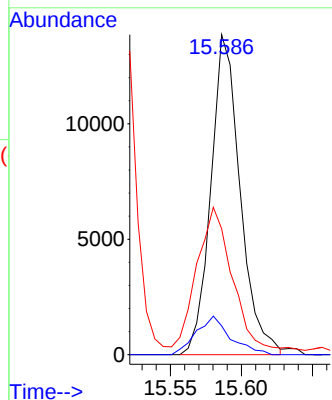
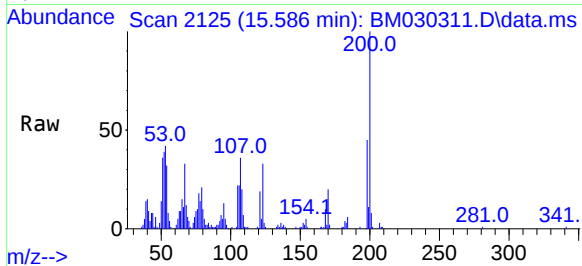
#66  
4,6-Dinitro-2-methylphenol  
Concen: 3.683 ng/ul  
RT: 15.586 min Scan# 2125  
Delta R.T. -0.006 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:198 Resp: 19856  
Ion Ratio Lower Upper  
198 100  
182 9.0 3.7 5.5#  
77 39.3 19.5 29.3#

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

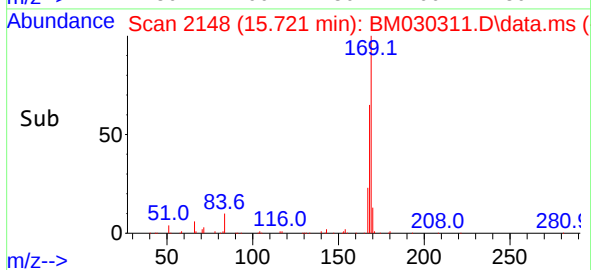
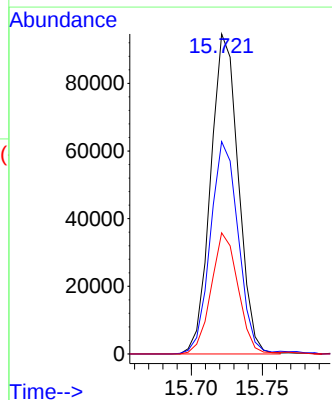
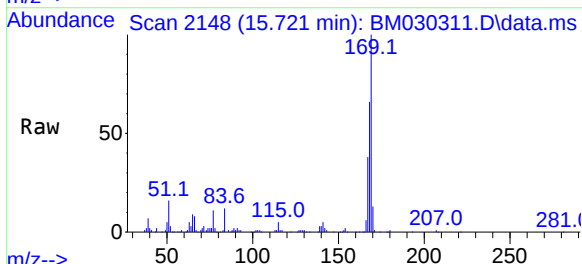
Manual Integrations  
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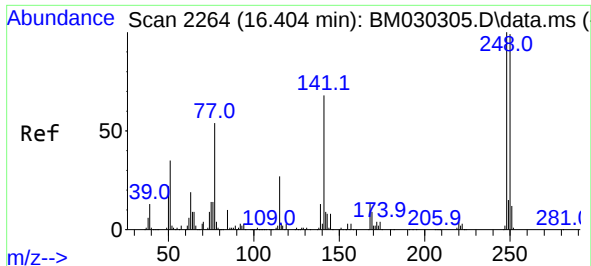
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#67  
N-Nitrosodiphenylamine  
Concen: 4.607 ng/ul  
RT: 15.721 min Scan# 2148  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

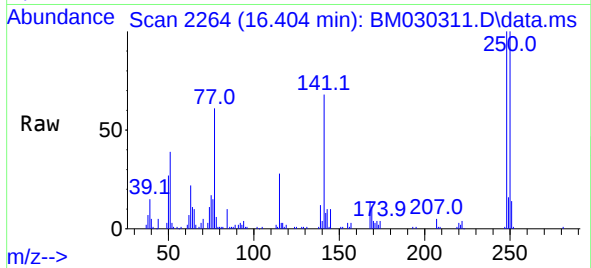
Tgt Ion:169 Resp: 127830  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.8 80.8  
167 37.8 29.0 43.6





#68  
4-Bromophenyl-phenylether  
Concen: 4.517 ng/ul  
RT: 16.404 min Scan# 2264  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

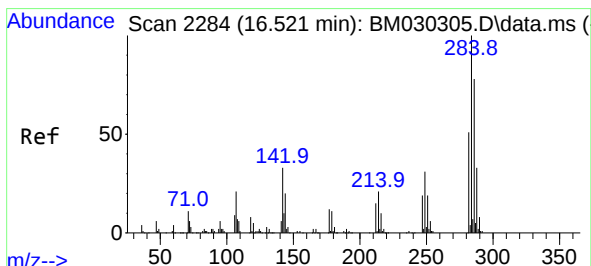
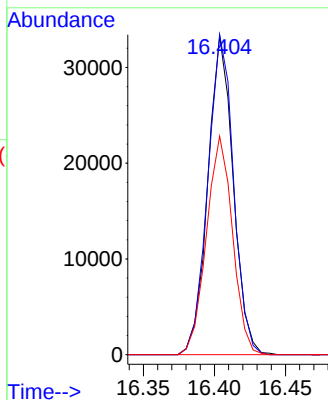
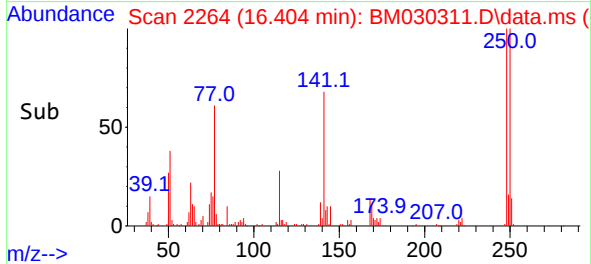
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05



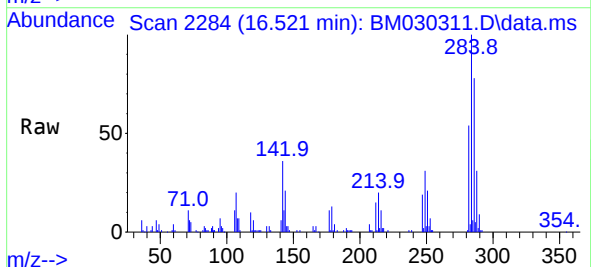
Tgt Ion:248 Resp: 41390  
Ion Ratio Lower Upper  
248 100  
250 100.4 78.6 117.8  
141 68.6 57.8 86.6

Manual Integrations  
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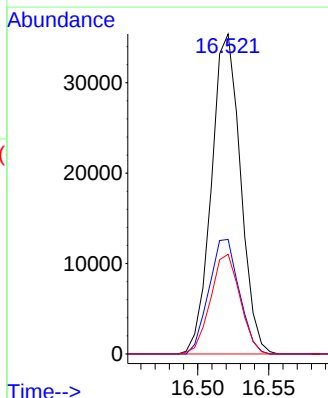
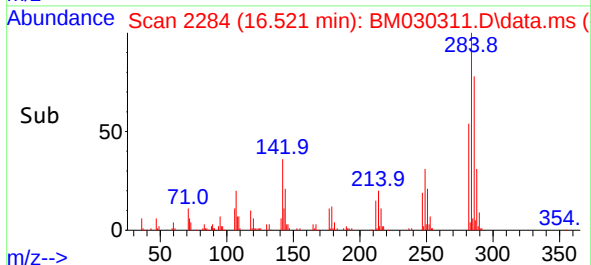
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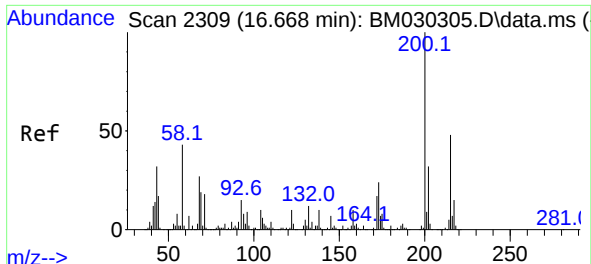


#69  
Hexachlorobenzene  
Concen: 4.833 ng/ul  
RT: 16.521 min Scan# 2284  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



Tgt Ion:284 Resp: 50333  
Ion Ratio Lower Upper  
284 100  
142 35.8 29.6 44.4  
249 31.1 24.0 36.0





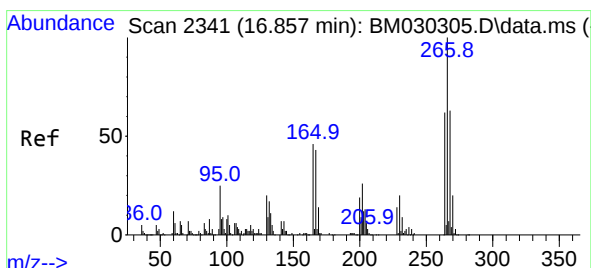
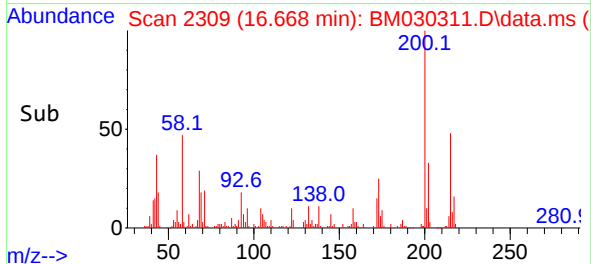
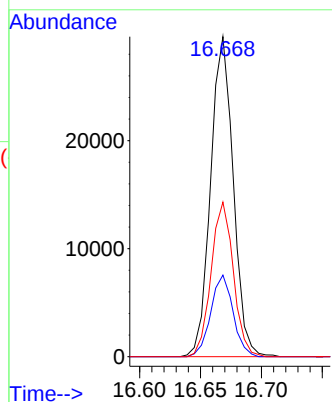
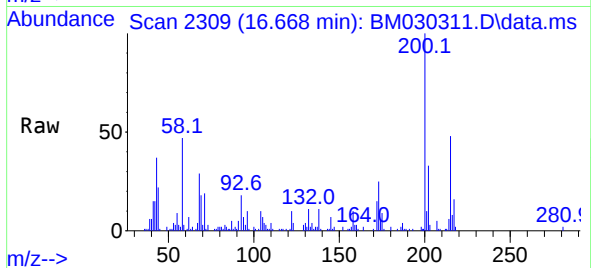
#70  
Atrazine  
Concen: 3.840 ng/ul  
RT: 16.668 min Scan# 2309  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 38244 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 25.5  | 20.1  | 30.1  |
| 215       | 48.3  | 38.3  | 57.5  |

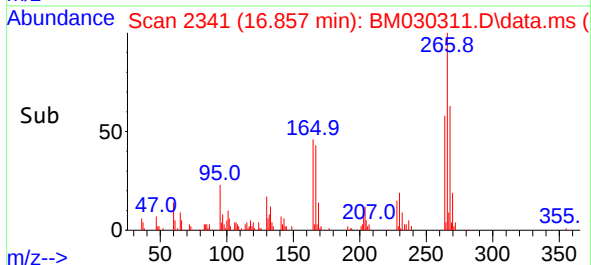
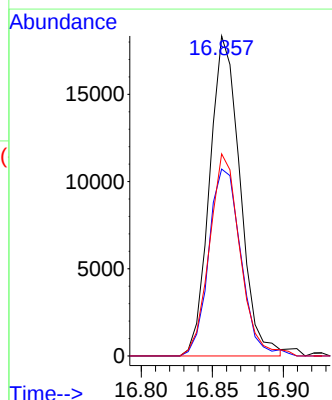
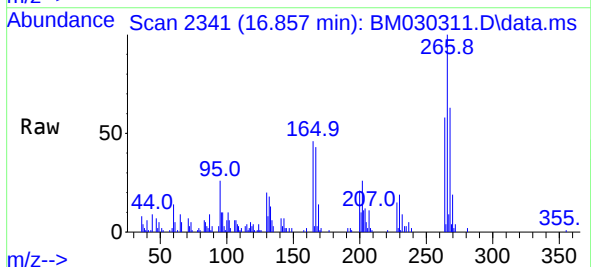
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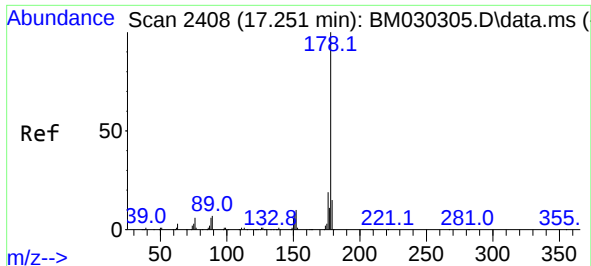
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#71  
Pentachlorophenol  
Concen: 4.271 ng/ul  
RT: 16.857 min Scan# 2341  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 27257 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 62.3  | 51.5  | 77.3  |
| 268       | 63.1  | 52.3  | 78.5  |





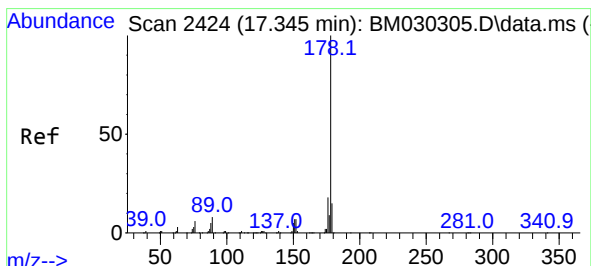
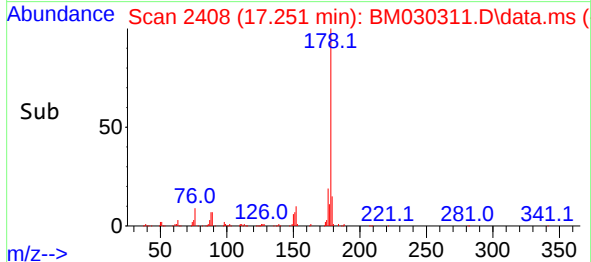
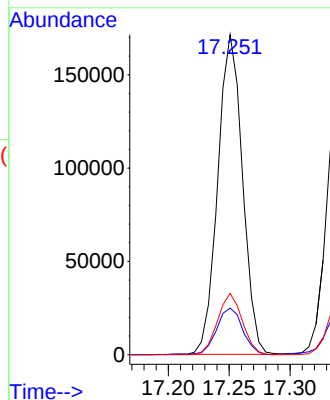
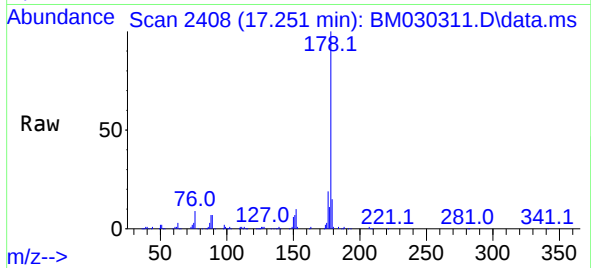
#72  
Phenanthrene  
Concen: 4.749 ng/u1  
RT: 17.251 min Scan# 2408  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:178 Resp: 241910  
Ion Ratio Lower Upper  
178 100  
179 14.5 12.2 18.2  
176 19.2 15.0 22.6

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

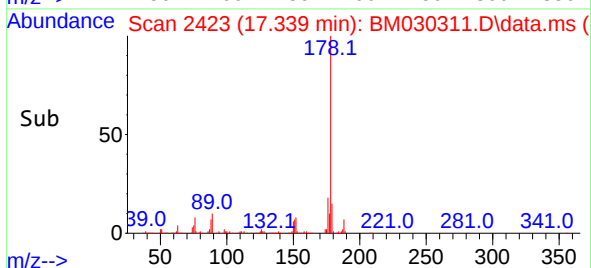
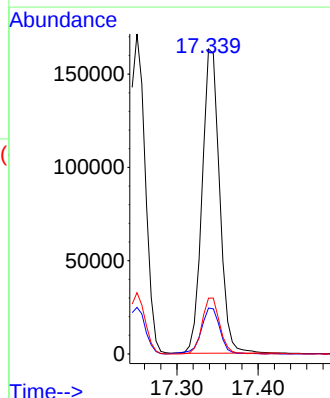
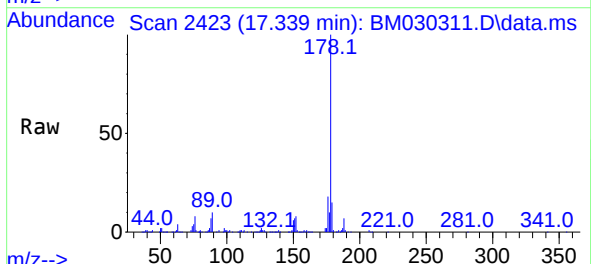
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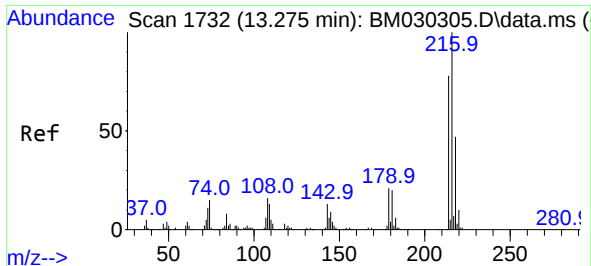
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#74  
Anthracene  
Concen: 4.746 ng/u1  
RT: 17.339 min Scan# 2423  
Delta R.T. -0.006 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:178 Resp: 243979  
Ion Ratio Lower Upper  
178 100  
179 15.1 12.5 18.7  
176 18.3 15.0 22.4





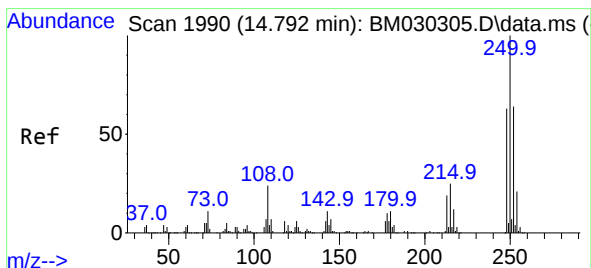
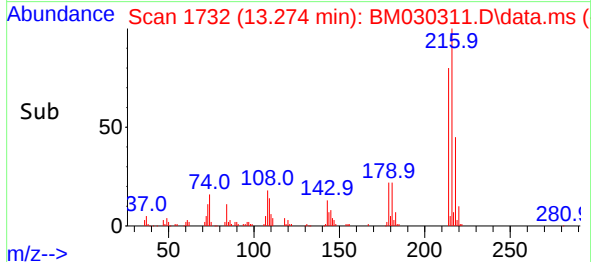
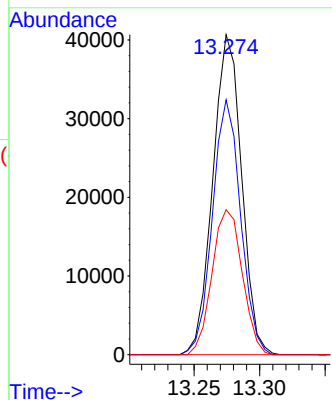
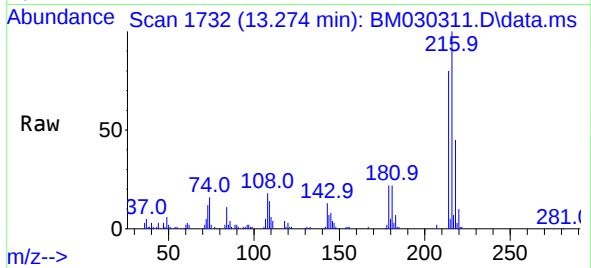
#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 4.576 ng/uL  
RT: 13.274 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 62023 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 79.6  | 63.9  | 95.9  |
| 218       | 45.3  | 38.1  | 57.1  |

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

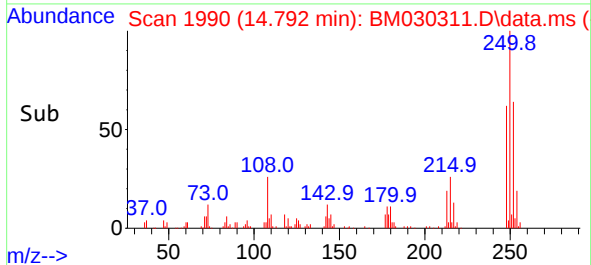
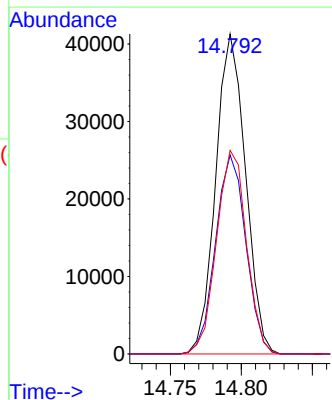
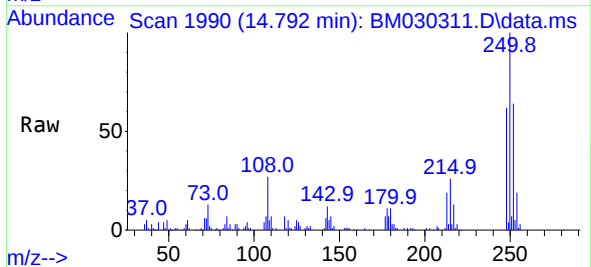
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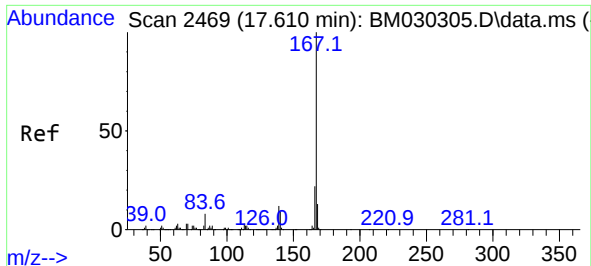
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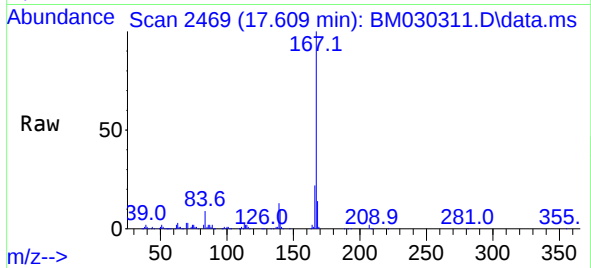
#76  
Pentachlorobenzene  
Concen: 4.617 ng/uL  
RT: 14.792 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 250   | Resp: | 60272 |
| Ion Ratio | Lower | Upper |       |
| 250       | 100   |       |       |
| 248       | 62.1  | 50.3  | 75.5  |
| 252       | 63.6  | 50.6  | 75.8  |



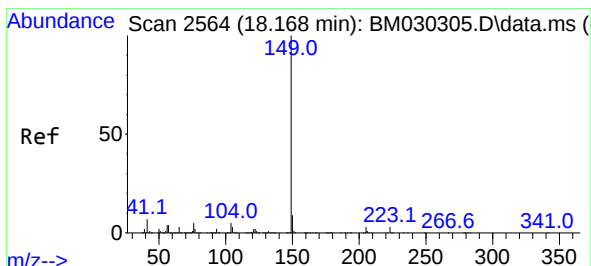
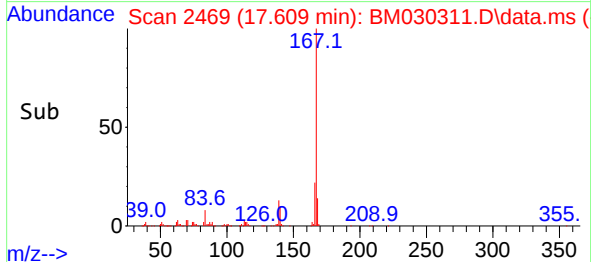
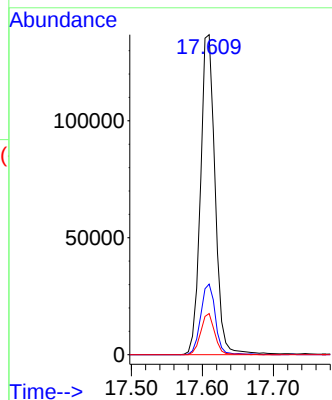


#77  
 Carbazole  
 Concen: 4.310 ng/ul  
 RT: 17.609 min Scan# 2469  
 Delta R.T. -0.000 min  
 Lab File: BM030311.D  
 Acq: 07 Jun 2021 16:31

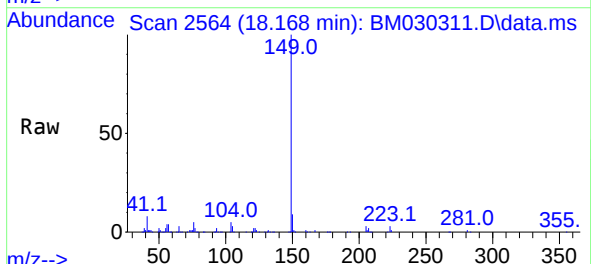


Tgt Ion:167 Resp: 196779  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.1  | 16.7  | 25.1  |
| 139 | 12.8  | 9.8   | 14.8  |

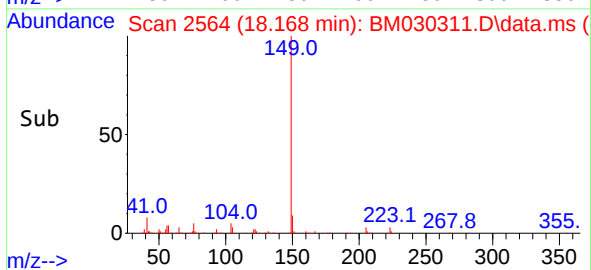
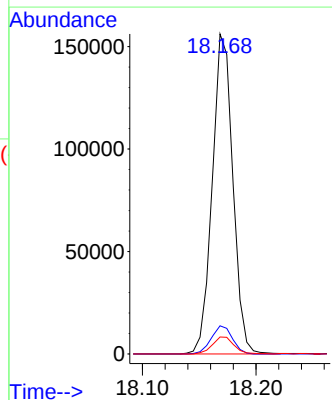


#78  
 Di-n-butylphthalate  
 Concen: 4.112 ng/ul  
 RT: 18.168 min Scan# 2564  
 Delta R.T. -0.000 min  
 Lab File: BM030311.D  
 Acq: 07 Jun 2021 16:31



Tgt Ion:149 Resp: 196607  

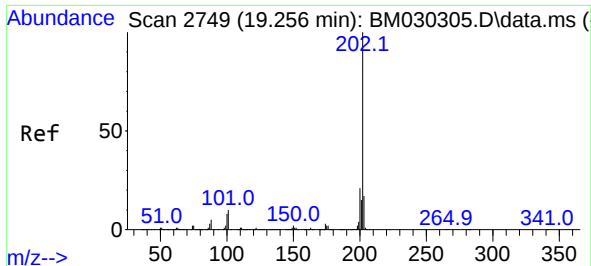
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 8.8   | 7.4   | 11.2  |
| 104 | 5.3   | 4.1   | 6.1   |



Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-MED-MED-SOIL-QT3-2021-05

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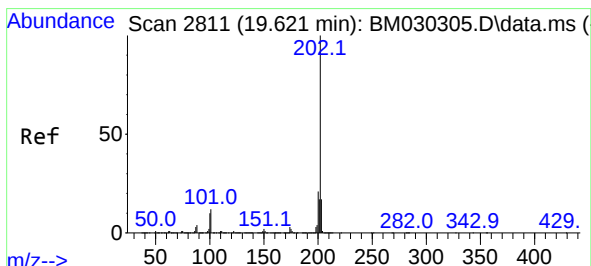
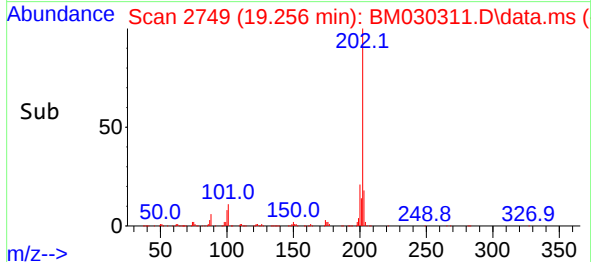
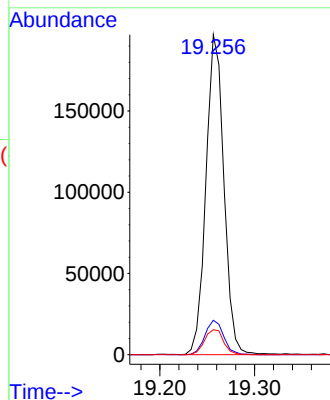
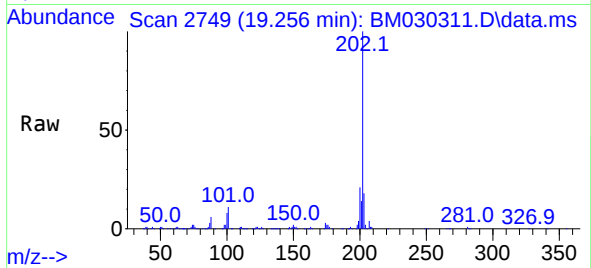
#80  
Fluoranthene  
Concen: 4.493 ng/ul  
RT: 19.256 min Scan# 2749  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:202 Resp: 259172  
Ion Ratio Lower Upper  
202 100  
101 10.7 8.7 13.1  
100 7.8 6.6 10.0

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

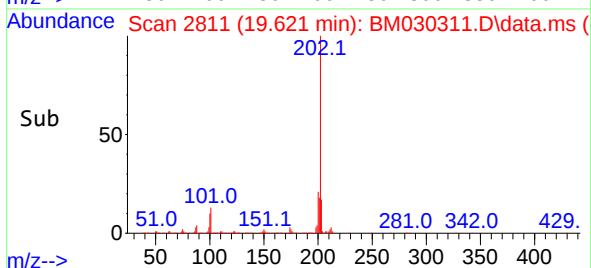
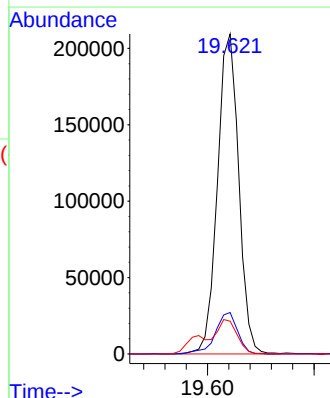
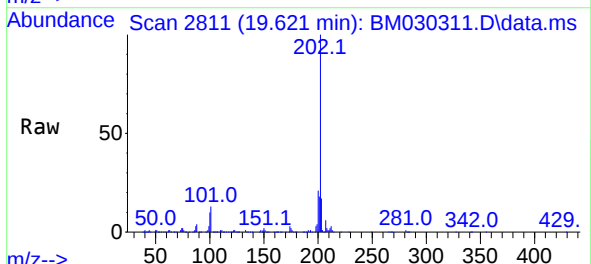
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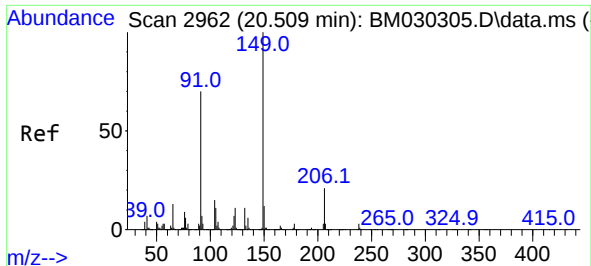
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#82  
Pyrene  
Concen: 4.751 ng/ul  
RT: 19.621 min Scan# 2811  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:202 Resp: 289818  
Ion Ratio Lower Upper  
202 100  
101 13.0 10.8 16.2  
100 10.3 9.1 13.7





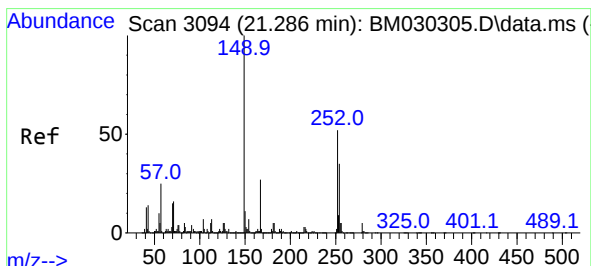
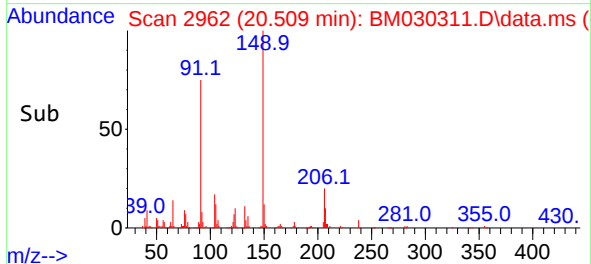
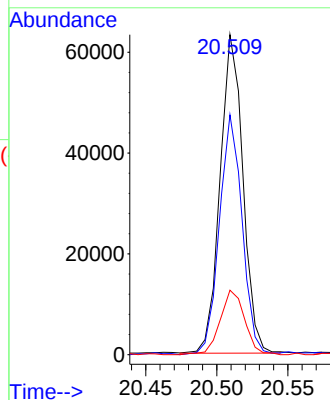
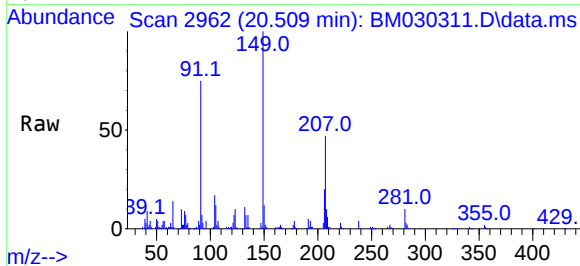
#83  
Butylbenzylphthalate  
Concen: 3.689 ng/ul  
RT: 20.509 min Scan# 2962  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:149 Resp: 70634  
Ion Ratio Lower Upper  
149 100  
91 74.9 57.4 86.2  
206 20.1 17.3 25.9

Instrument :  
BNA\_M  
ClientSampleId :  
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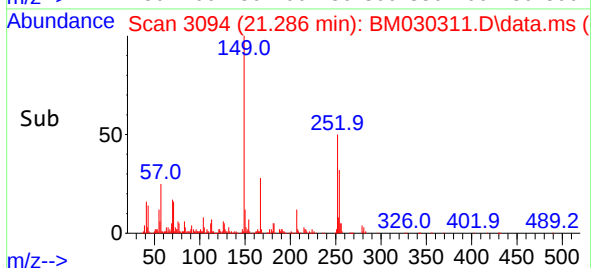
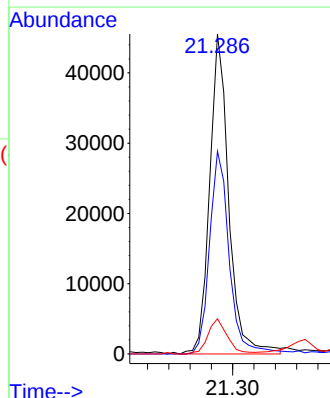
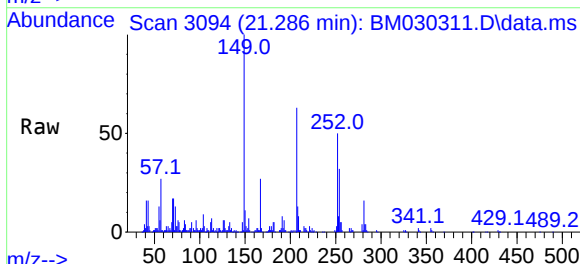
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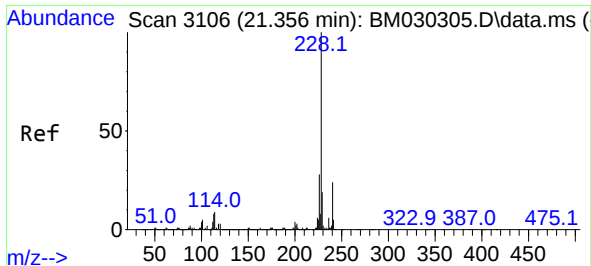
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#84  
3,3'-Dichlorobenzidine  
Concen: 3.500 ng/ul  
RT: 21.286 min Scan# 3094  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:252 Resp: 56770  
Ion Ratio Lower Upper  
252 100  
254 63.4 51.3 76.9  
126 11.0 10.0 15.0





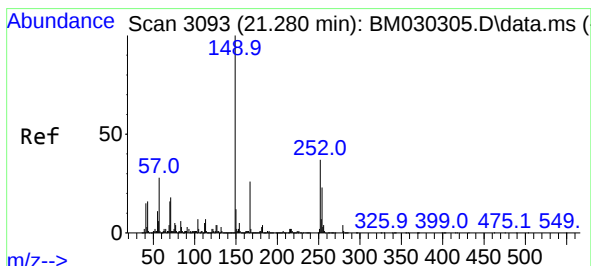
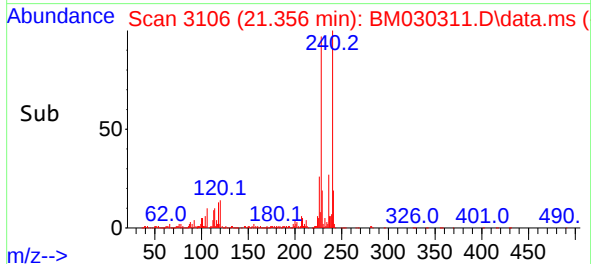
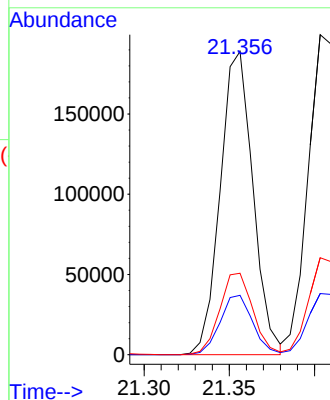
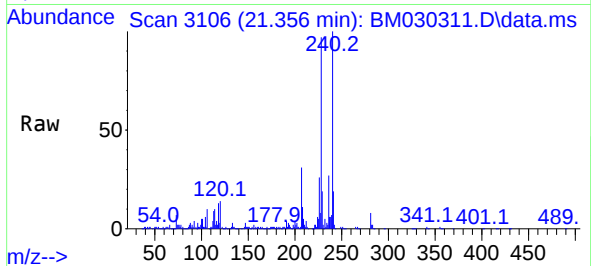
#85  
Benzo(a)anthracene  
Concen: 4.662 ng/ul  
RT: 21.356 min Scan# 3106  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
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Tgt Ion:228 Resp: 252643  
Ion Ratio Lower Upper  
228 100  
229 19.6 15.6 23.4  
226 26.8 22.2 33.2

Instrument :  
BNA\_M  
ClientSampleId :  
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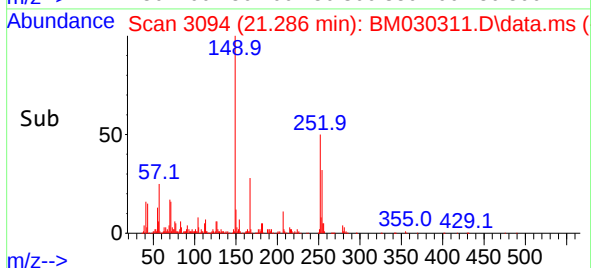
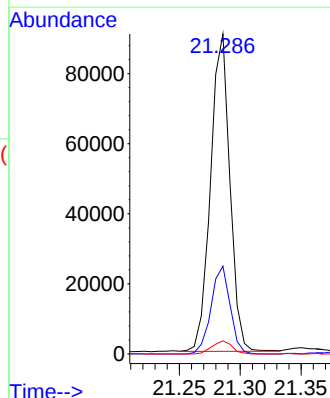
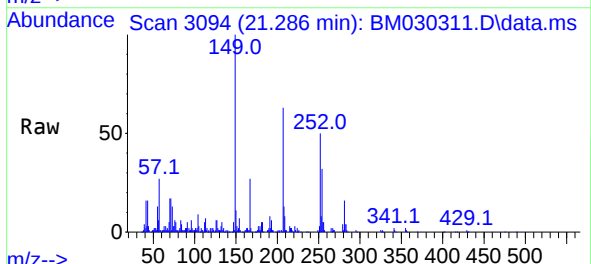
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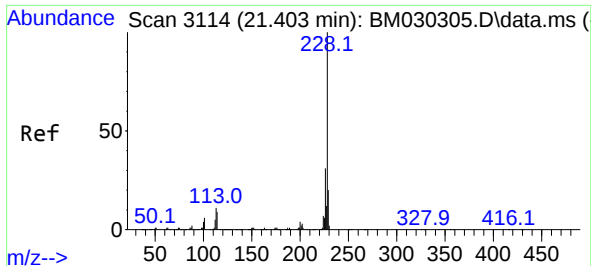
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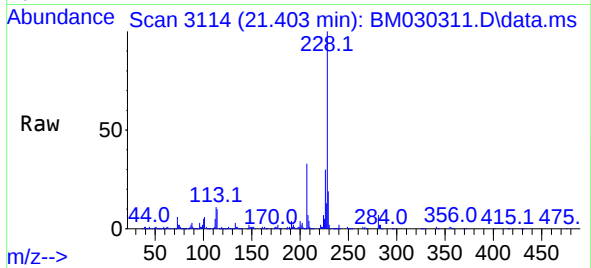
#86  
Bis(2-ethylhexyl)phthalate  
Concen: 3.429 ng/ul  
RT: 21.286 min Scan# 3094  
Delta R.T. 0.006 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:149 Resp: 99580  
Ion Ratio Lower Upper  
149 100  
167 27.4 20.9 31.3  
279 4.1 3.0 4.6

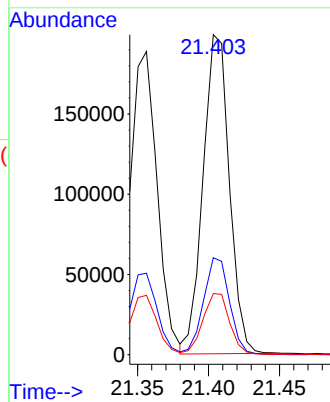
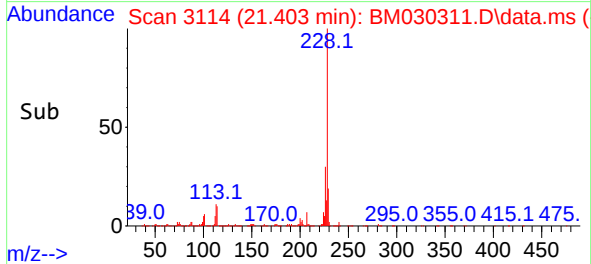




#87  
Chrysene  
Concen: 4.797 ng/ul  
RT: 21.403 min Scan# 3114  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



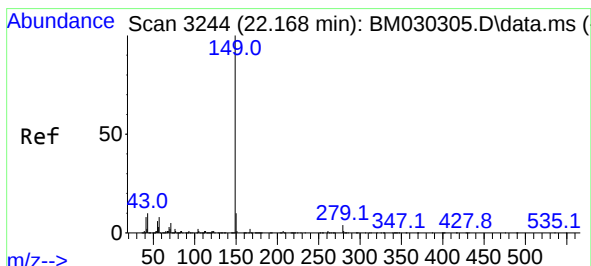
Tgt Ion:228 Resp: 256356  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.2 36.2  
229 19.1 15.8 23.6



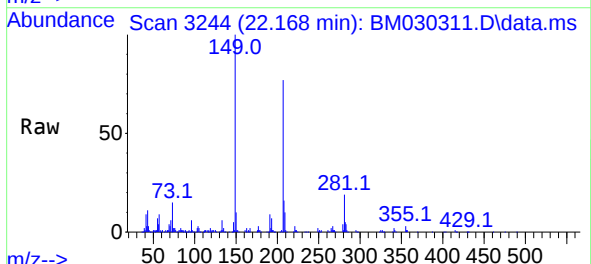
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ClientSampleId :  
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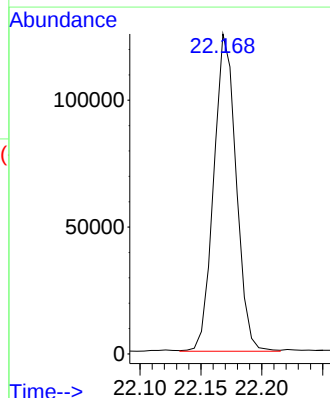
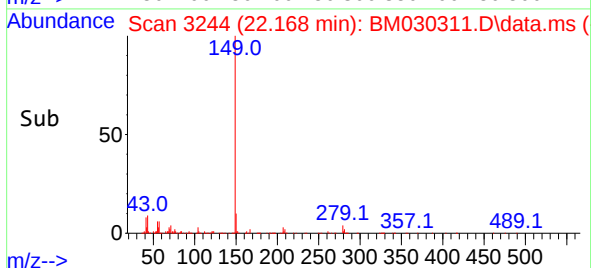
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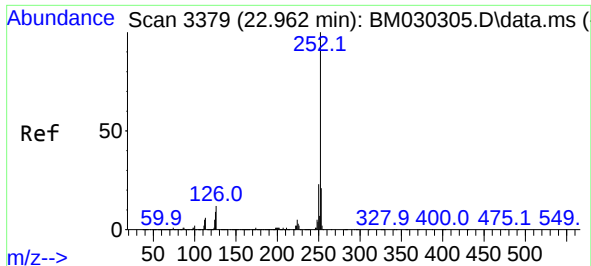


#89  
Di-n-octyl phthalate  
Concen: 3.062 ng/ul  
RT: 22.168 min Scan# 3244  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



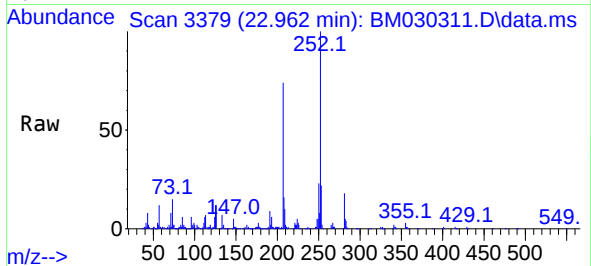
Tgt Ion:149 Resp: 160273





#90  
Benzo(b)fluoranthene  
Concen: 4.734 ng/ul  
RT: 22.962 min Scan# 3379  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

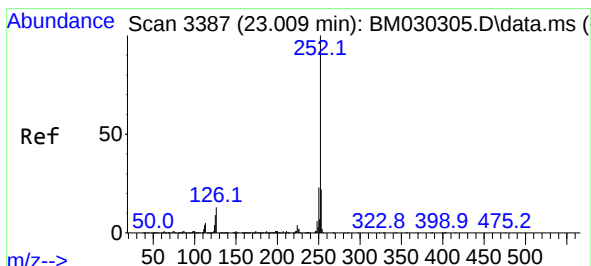
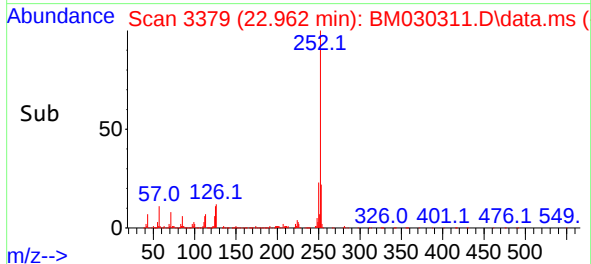
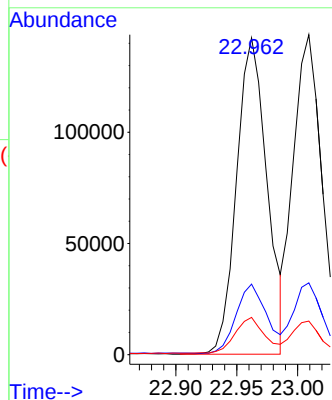
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05



Tgt Ion:252 Resp: 247319  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.0 27.0  
125 11.8 8.6 13.0

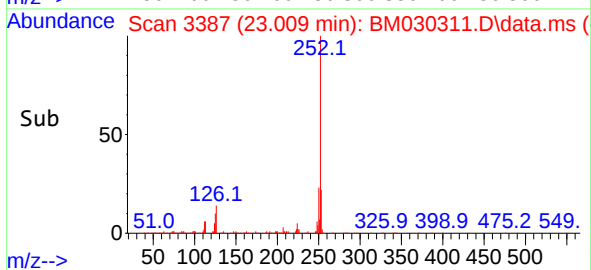
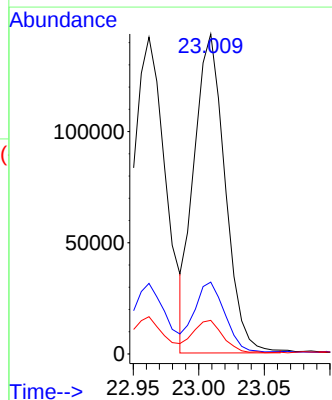
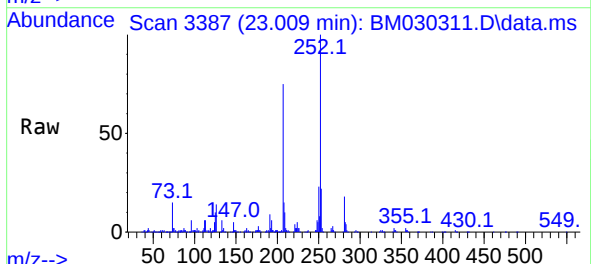
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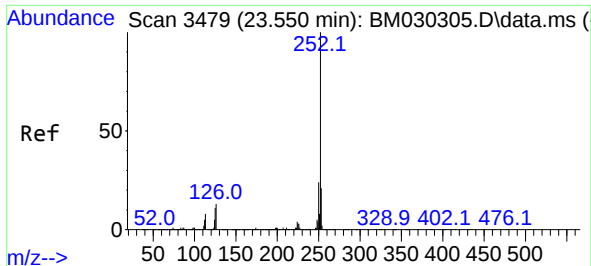
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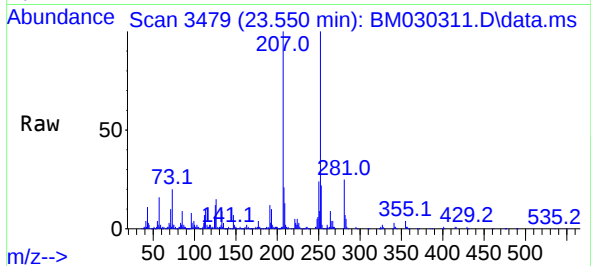
#91  
Benzo(k)fluoranthene  
Concen: 4.736 ng/ul  
RT: 23.009 min Scan# 3387  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31

Tgt Ion:252 Resp: 236360  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.9 26.9  
125 10.5 8.4 12.6

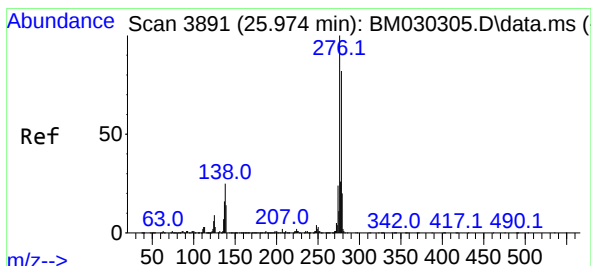
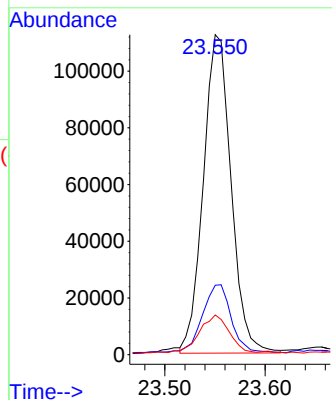
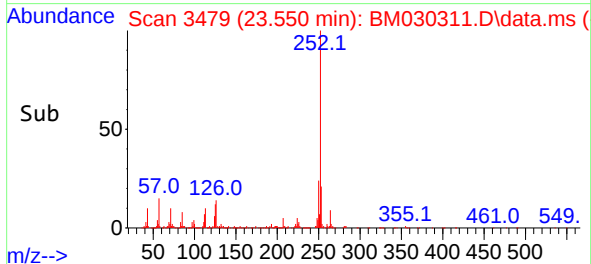




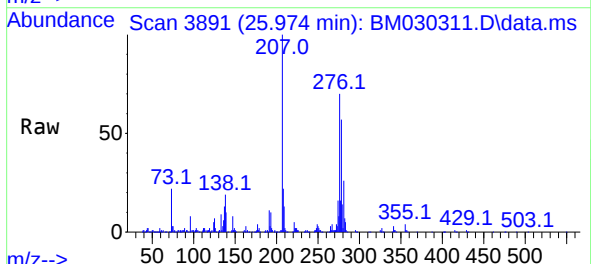
#93  
Benzo(a)pyrene  
Concen: 4.742 ng/ul  
RT: 23.550 min Scan# 3479  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



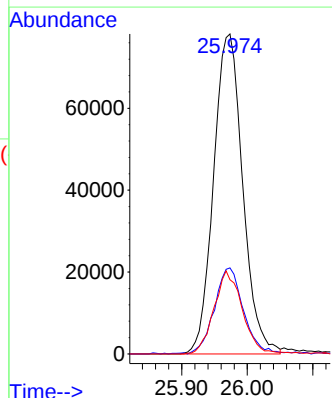
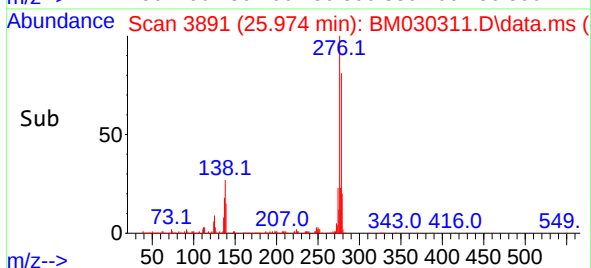
Tgt Ion:252 Resp: 216556  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.8  
125 12.4 9.5 14.3



#94  
Indeno(1,2,3-cd)pyrene  
Concen: 4.291 ng/ul  
RT: 25.974 min Scan# 3891  
Delta R.T. -0.000 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



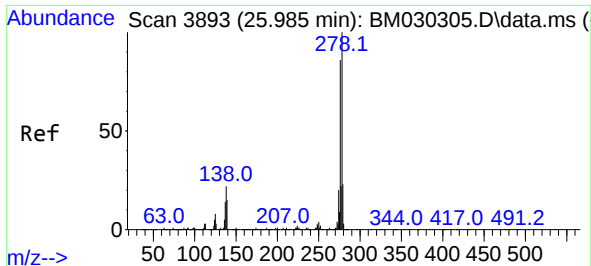
Tgt Ion:276 Resp: 241175  
Ion Ratio Lower Upper  
276 100  
138 26.9 21.8 32.6  
277 23.2 20.3 30.5



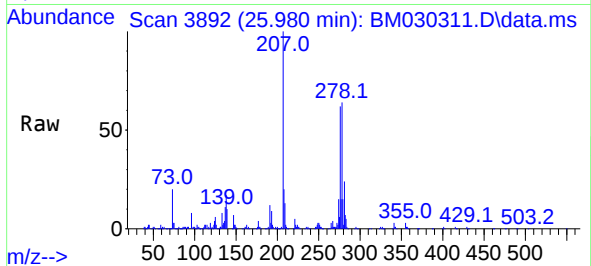
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

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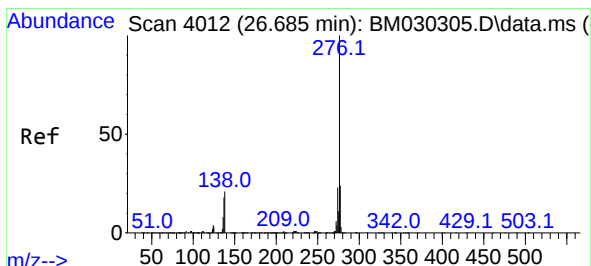
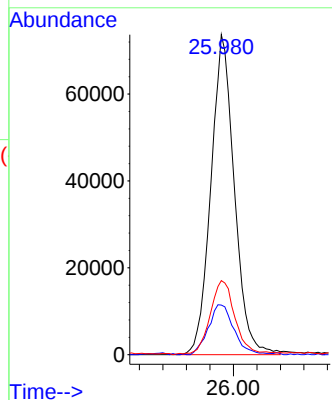
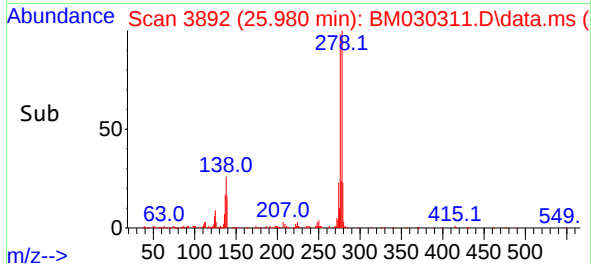
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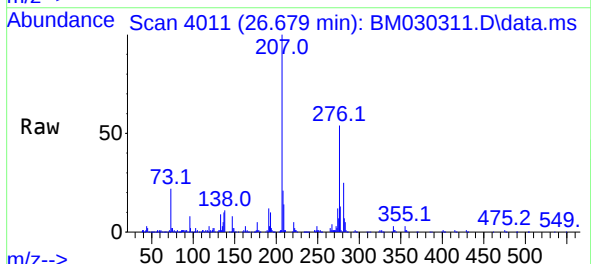
#95  
Dibenzo(a,h)anthracene  
Concen: 4.314 ng/ul  
RT: 25.980 min Scan# 3892  
Delta R.T. -0.006 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



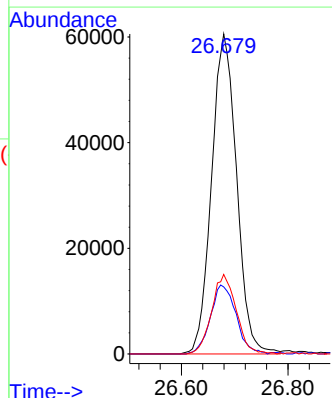
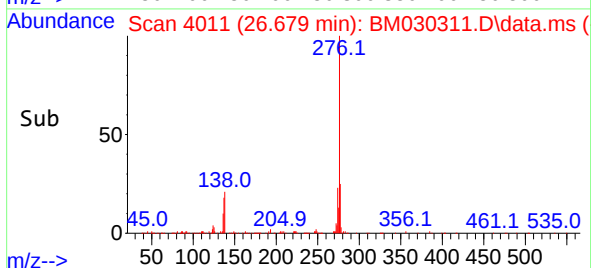
Tgt Ion:278 Resp: 204153  
Ion Ratio Lower Upper  
278 100  
139 15.5 13.4 20.2  
279 23.1 18.6 28.0



#96  
Benzo(g,h,i)perylene  
Concen: 4.281 ng/ul  
RT: 26.679 min Scan# 4011  
Delta R.T. -0.006 min  
Lab File: BM030311.D  
Acq: 07 Jun 2021 16:31



Tgt Ion:276 Resp: 197717  
Ion Ratio Lower Upper  
276 100  
138 21.0 18.7 28.1  
277 24.9 18.6 28.0



Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-MED-SOIL-QT3-2021-05

Manual Integrations  
APPROVED

mohammad  
6/8/2021 3:38:06 PM