

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081721\  
 Data File : BN015896.D  
 Acq On : 17 Aug 2021 12:36  
 Operator : CG/JU  
 Sample : M2250-06  
 Misc : SFAM-MDL-ME-SOIL-02  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-MED-SOIL-QT3-2021-06

Manual Integrations  
 APPROVED

mohammad  
 8/19/2021 1:25:06 PM

Quant Time: Aug 17 13:07:54 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN081621MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 17 09:43:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.905  | 152  | 288845   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.710 | 136  | 1190711  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.545 | 164  | 765077   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.298 | 188  | 1569072  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.486 | 240  | 1569215  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.910 | 264  | 1512731  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.334  | 96   | 32491    | 4.382  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.740  | 84   | 331840   | 16.012 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.052  | 99   | 576248   | 22.055 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.228  | 67   | 381576   | 23.720 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.428  | 132  | 454474   | 24.445 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.604  | 113  | 455465   | 22.413 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.063  | 128  | 220014   | 25.105 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.787  | 143  | 219737   | 26.790 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.322 | 165  | 428181   | 24.124 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.846 | 131  | 612808   | 22.682 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.957 | 166  | 1394082  | 24.863 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.239 | 160  | 1722232  | 24.526 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.728 | 143  | 213858   | 21.565 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.539 | 176  | 1197860  | 24.491 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.651 | 200  | 177465   | 21.178 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.398 | 188  | 1818845  | 24.731 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.692 | 212  | 2068254  | 24.470 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.751 | 264  | 2115313  | 25.862 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.369  | 88   | 10585    | 1.389  | ng/uL  | 95       |
| 5) Pyridine                   | 3.764  | 79   | 83819    | 3.923  | ng/u1# | 70       |
| 6) Benzaldehyde               | 7.040  | 77   | 75118    | 5.588  | ng/u1  | 96       |
| 8) Phenol                     | 7.081  | 94   | 113451   | 4.259  | ng/u1  | 94       |
| 10) Bis(2-Chloroethyl)ether   | 7.322  | 93   | 91378    | 4.379  | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.463  | 128  | 88523    | 4.632  | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.340  | 108  | 82512    | 4.229  | ng/u1  | 95       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.434  | 45   | 116526   | 4.373  | ng/u1  | 97       |
| 16) Acetophenone              | 8.728  | 105  | 145377   | 4.433  | ng/u1  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.710  | 70   | 68471    | 4.276  | ng/u1# | 96       |
| 18) 4-Methylphenol            | 8.663  | 108  | 89430    | 4.283  | ng/u1  | 95       |
| 19) Hexachloroethane          | 8.987  | 117  | 40385    | 4.654  | ng/u1  | 91       |
| 22) Nitrobenzene              | 9.104  | 77   | 114662   | 4.627  | ng/u1  | 95       |
| 23) Isophorone                | 9.628  | 82   | 180139   | 4.178  | ng/u1  | 97       |
| 25) 2-Nitrophenol             | 9.816  | 139  | 44424    | 4.967  | ng/u1  | 99       |
| 26) 2,4-Dimethylphenol        | 9.881  | 107  | 108941   | 4.560  | ng/u1  | 92       |
| 27) Bis(2-Chloroethoxy)met... | 10.122 | 93   | 118025   | 4.457  | ng/u1  | 95       |
| 29) 2,4-Dichlorophenol        | 10.351 | 162  | 83615    | 4.778  | ng/u1  | 89       |
| 30) Naphthalene               | 10.763 | 128  | 294000   | 4.610  | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.869 | 127  | 121912   | 4.571  | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 11.051 | 225  | 64509    | 4.798  | ng/u1  | 95       |
| 34) Caprolactam               | 11.634 | 113  | 20648m   | 3.766  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.987 | 107  | 90120    | 4.348  | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.375 | 142  | 208294   | 4.697  | ng/u1  | 93       |

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 Misc : SFAM-MDL-ME-SOIL-02  
 ALS Vial : 8 Sample Multiplier: 1

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Quant Time: Aug 17 13:07:54 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN081621MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 17 09:43:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.593 | 142  | 210318   | 4.765 | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.740 | 216  | 114901   | 4.642 | ng/ul  | 94       |
| 40) Hexachlorocyclopentadiene | 12.728 | 237  | 67840    | 4.228 | ng/ul  | 95       |
| 41) 2,4,6-Trichlorophenol     | 12.981 | 196  | 58354    | 4.312 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 13.045 | 196  | 65164    | 4.410 | ng/ul  | 90       |
| 43) 1,1'-Biphenyl             | 13.387 | 154  | 271331   | 4.586 | ng/ul  | 96       |
| 44) 2-Chloronaphthalene       | 13.422 | 162  | 208759   | 4.570 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.622 | 65   | 53010    | 4.095 | ng/ul  | 99       |
| 47) Dimethylphthalate         | 14.004 | 163  | 261487   | 4.704 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.122 | 165  | 41575    | 4.130 | ng/ul  | 90       |
| 50) Acenaphthylene            | 14.269 | 152  | 310270   | 4.648 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.445 | 138  | 43054    | 3.978 | ng/ul# | 98       |
| 52) Acenaphthene              | 14.610 | 153  | 223121   | 4.621 | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.651 | 184  | 24651    | 4.407 | ng/ul  | 97       |
| 55) 4-Nitrophenol             | 14.739 | 109  | 40951    | 4.220 | ng/ul  | 96       |
| 56) Dibenzofuran              | 14.945 | 168  | 312130   | 4.676 | ng/ul  | 97       |
| 57) 2,4-Dinitrotoluene        | 14.904 | 165  | 59031    | 4.072 | ng/ul# | 85       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.175 | 232  | 55594    | 4.547 | ng/ul  | 95       |
| 59) Diethylphthalate          | 15.369 | 149  | 246633   | 4.437 | ng/ul  | 97       |
| 61) Fluorene                  | 15.598 | 166  | 250393   | 4.597 | ng/ul  | 97       |
| 62) 4-Chlorophenyl-phenyle... | 15.592 | 204  | 131124   | 4.616 | ng/ul  | 97       |
| 63) 4-Nitroaniline            | 15.604 | 138  | 46400    | 4.474 | ng/ul  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.663 | 198  | 34418    | 4.130 | ng/ul# | 73       |
| 67) N-Nitrosodiphenylamine    | 15.804 | 169  | 215515   | 4.706 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.486 | 248  | 78989    | 4.691 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.604 | 284  | 97156    | 4.938 | ng/ul  | 93       |
| 70) Atrazine                  | 16.751 | 200  | 68224    | 4.107 | ng/ul  | 95       |
| 71) Pentachlorophenol         | 16.945 | 266  | 40529    | 3.672 | ng/ul  | 92       |
| 72) Phenanthrene              | 17.339 | 178  | 399919   | 4.688 | ng/ul  | 99       |
| 74) Anthracene                | 17.428 | 178  | 407248   | 4.676 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.345 | 216  | 109482   | 4.430 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.869 | 250  | 108330   | 4.503 | ng/ul  | 95       |
| 77) Carbazole                 | 17.698 | 167  | 343275   | 4.483 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.269 | 149  | 367380   | 4.220 | ng/ul  | 98       |
| 80) Fluoranthene              | 19.357 | 202  | 444353   | 4.345 | ng/ul  | 99       |
| 82) Pyrene                    | 19.722 | 202  | 481289   | 4.522 | ng/ul  | 96       |
| 83) Butylbenzylphthalate      | 20.622 | 149  | 135629   | 3.789 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.404 | 252  | 136152   | 4.237 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.469 | 228  | 467226   | 4.628 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.404 | 149  | 227257   | 4.004 | ng/ul  | 95       |
| 87) Chrysene                  | 21.521 | 228  | 448273   | 4.586 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.339 | 149  | 341436   | 3.566 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.168 | 252  | 465670   | 4.682 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.215 | 252  | 442473   | 4.468 | ng/ul  | 97       |
| 93) Benzo(a)pyrene            | 23.798 | 252  | 405747   | 4.507 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.415 | 276  | 509039   | 4.560 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.433 | 278  | 426934   | 4.633 | ng/ul  | 95       |
| 96) Benzo(g,h,i)perylene      | 27.186 | 276  | 418360   | 4.533 | ng/ul  | 96       |

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

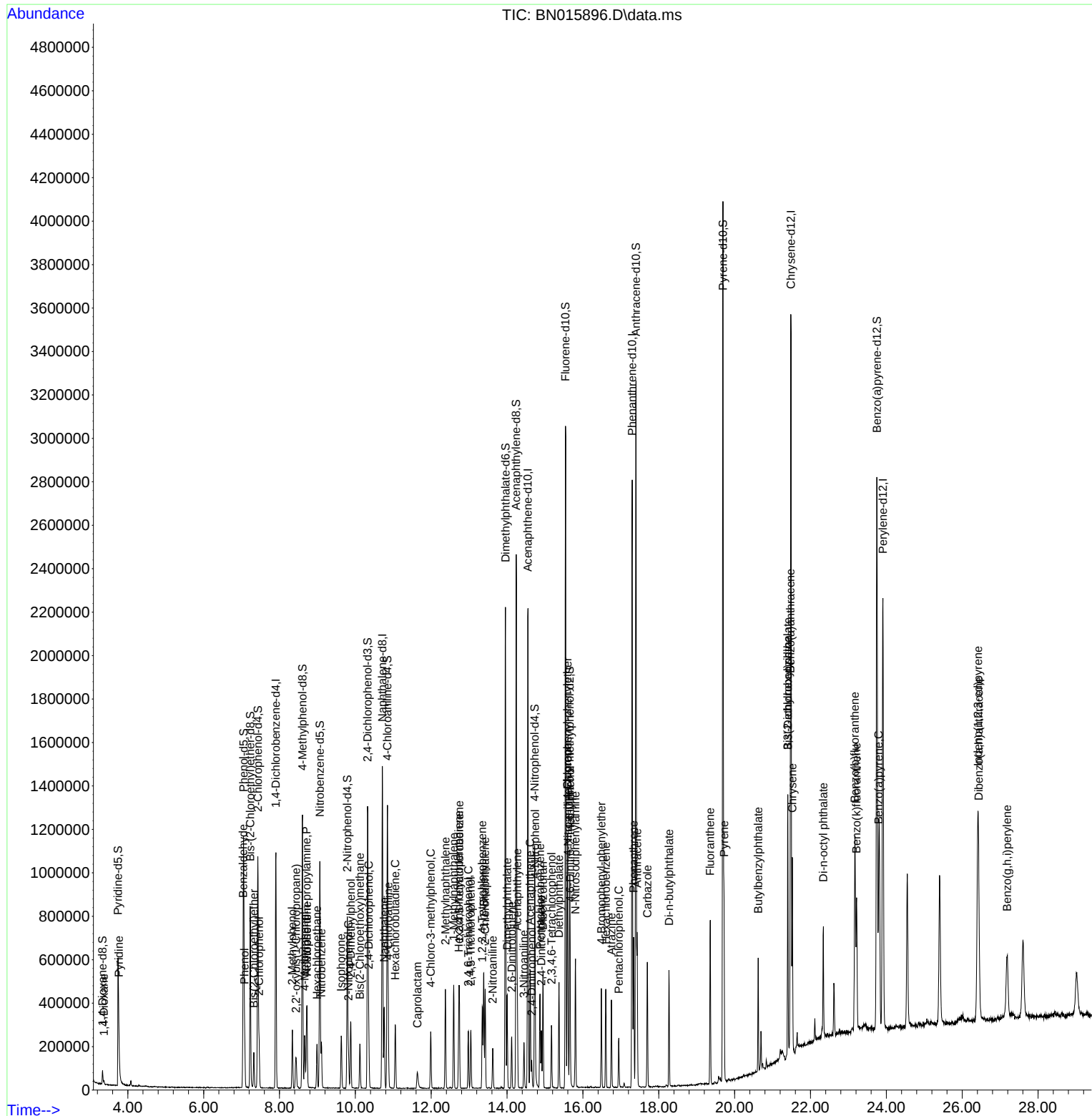
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081721\  
Data File : BN015896.D  
Acq On : 17 Aug 2021 12:36  
Operator : CG/JU  
Sample : M2250-06  
Misc : SFAM-MDL-ME-SOIL-02  
ALS Vial : 8 Sample Multiplier: 1

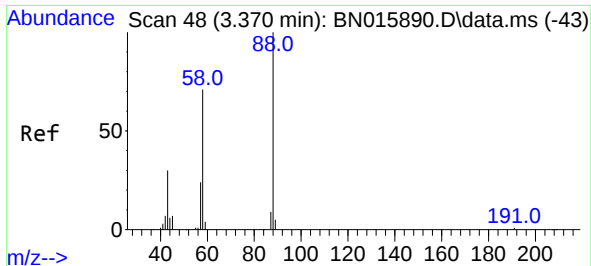
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

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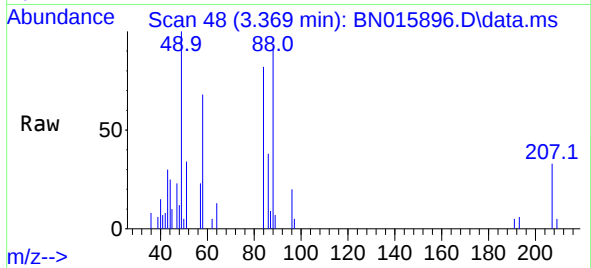
Quant Time: Aug 17 13:07:54 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN081621MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Aug 17 09:43:53 2021  
Response via : Initial Calibration





#2  
1,4-Dioxane  
Concen: 1.389 ng/uL  
RT: 3.369 min Scan# 48  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

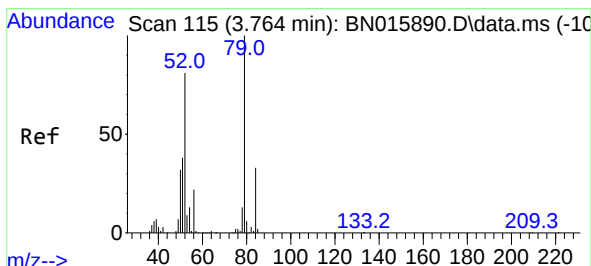
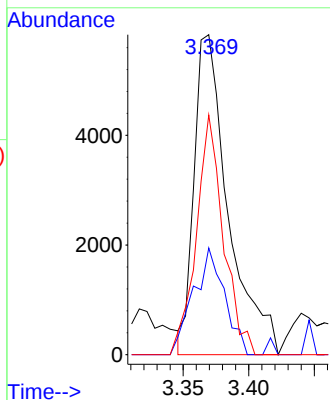
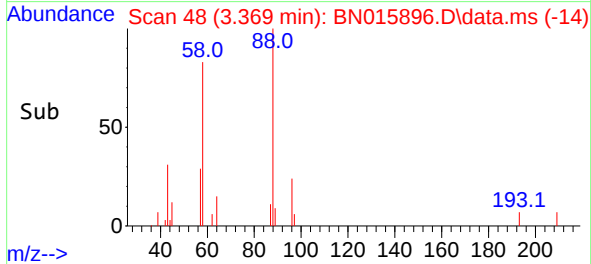
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



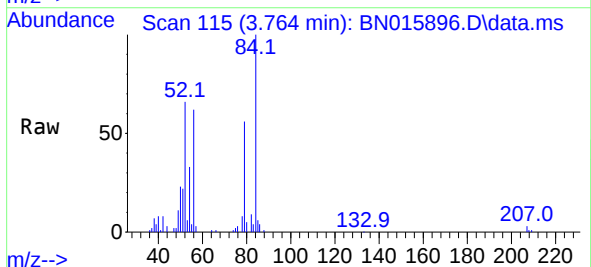
Tgt Ion: 88 Resp: 10585  
Ion Ratio Lower Upper  
88 100  
43 33.3 26.4 39.6  
58 74.9 65.0 97.4

Manual Integrations  
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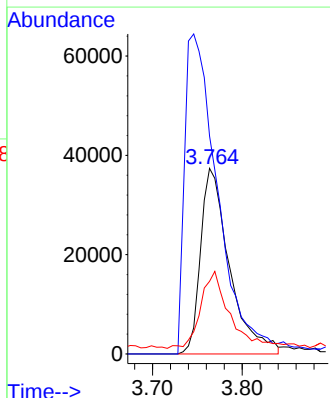
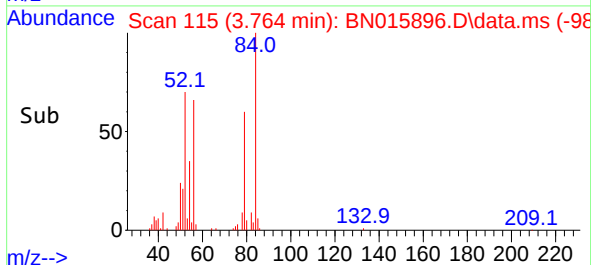
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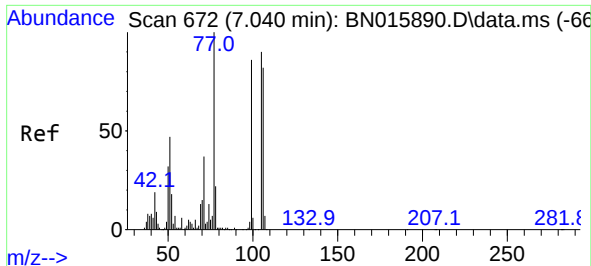


#5  
Pyridine  
Concen: 3.923 ng/uL  
RT: 3.764 min Scan# 115  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

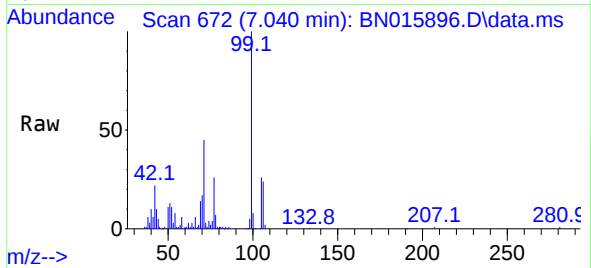


Tgt Ion: 79 Resp: 83819  
Ion Ratio Lower Upper  
79 100  
52 117.5 62.9 94.3#  
51 39.2 32.0 48.0

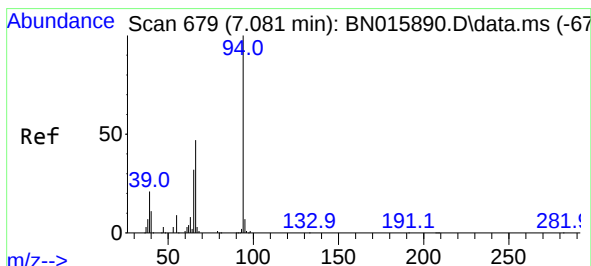
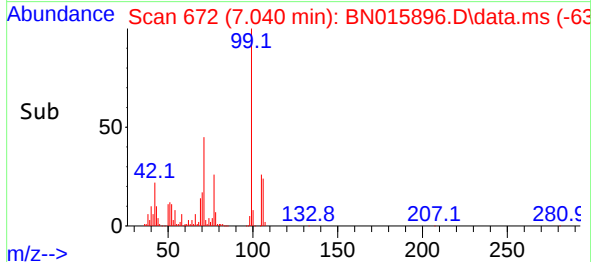
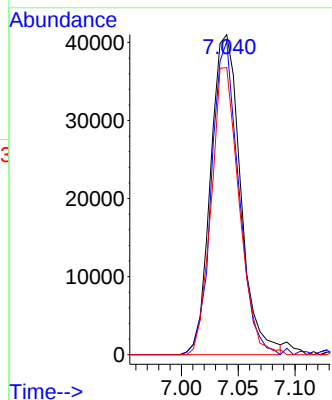




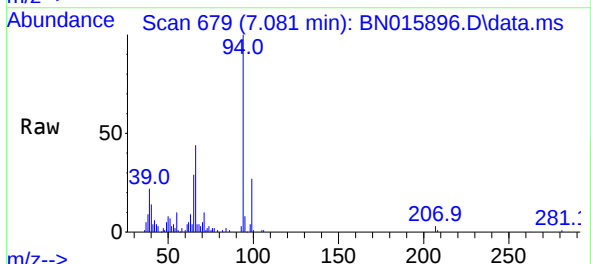
#6  
Benzaldehyde  
Concen: 5.588 ng/ul  
RT: 7.040 min Scan# 672  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



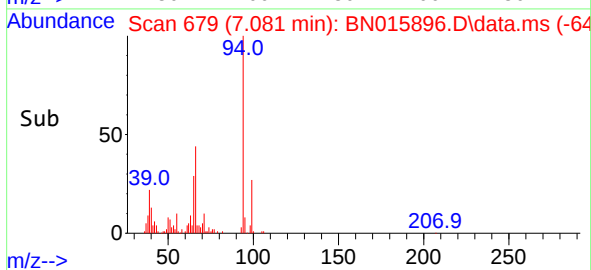
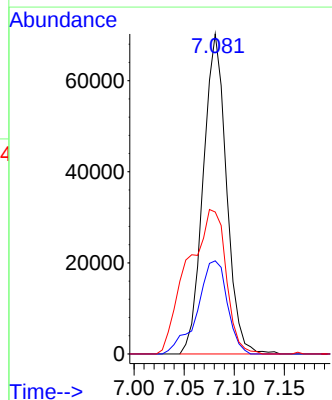
Tgt Ion: 77 Resp: 75118  
Ion Ratio Lower Upper  
77 100  
105 97.9 73.4 110.0  
106 89.7 70.3 105.5



#8  
Phenol  
Concen: 4.259 ng/ul  
RT: 7.081 min Scan# 679  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



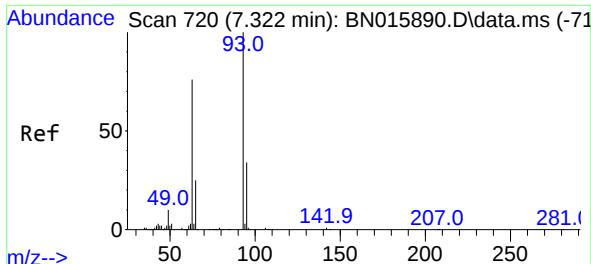
Tgt Ion: 94 Resp: 113451  
Ion Ratio Lower Upper  
94 100  
65 29.1 27.0 40.6  
66 44.4 37.8 56.8



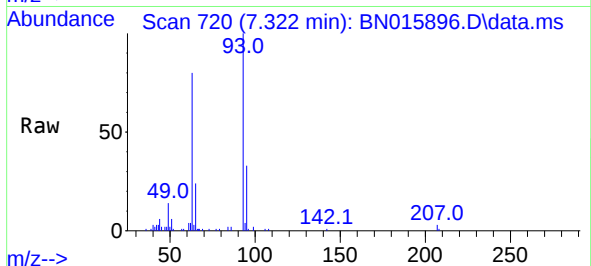
Instrument :  
BNA\_N  
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MDL-MED-SOIL-QT3-2021-06

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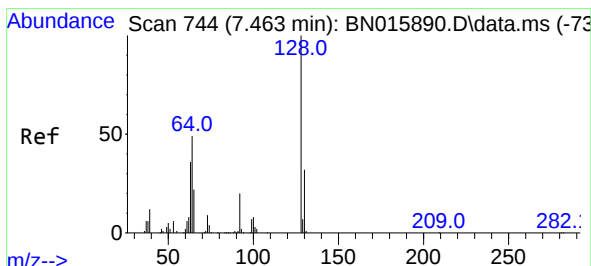
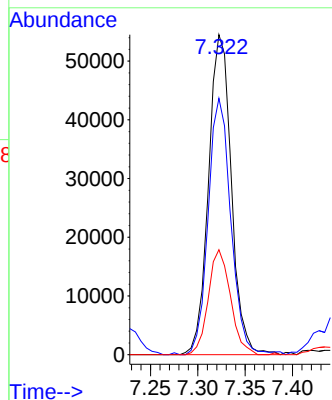
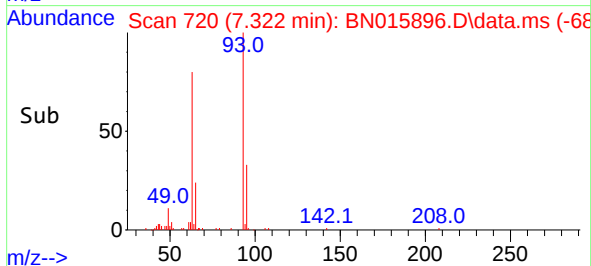
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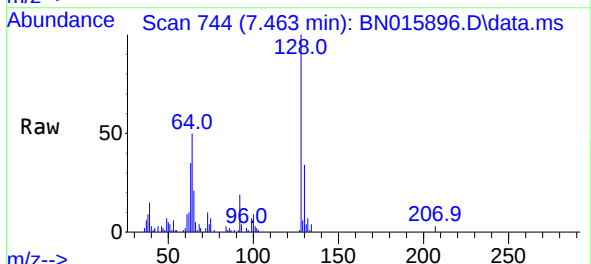
#10  
Bis(2-Chloroethyl)ether  
Concen: 4.379 ng/ul  
RT: 7.322 min Scan# 720  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



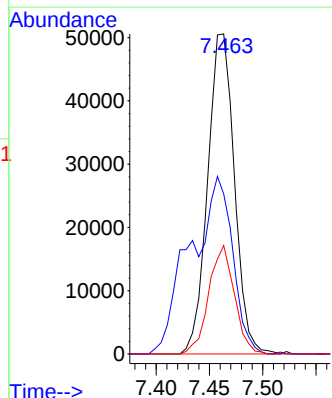
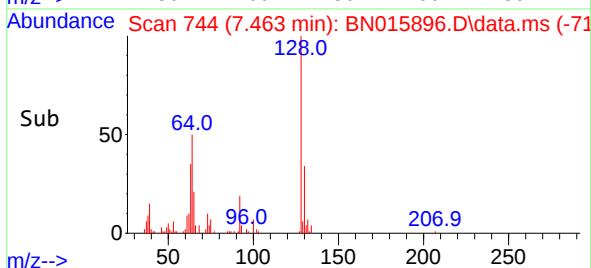
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 91378 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 80.1  | 63.4  | 95.0  |
| 95       | 32.8  | 25.2  | 37.8  |



#12  
2-Chlorophenol  
Concen: 4.632 ng/ul  
RT: 7.463 min Scan# 744  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



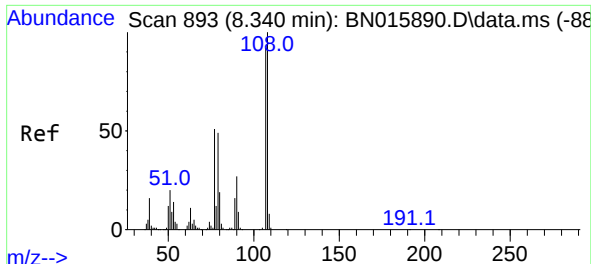
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 88523 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 64       | 49.9  | 41.4  | 62.2  |
| 130      | 33.9  | 25.2  | 37.8  |



Instrument :  
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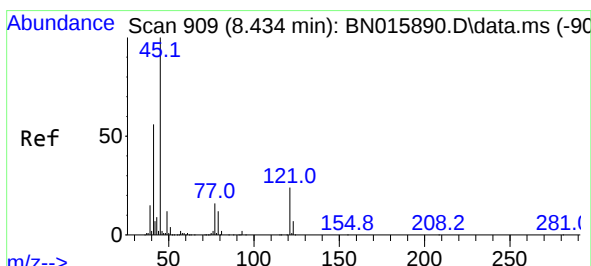
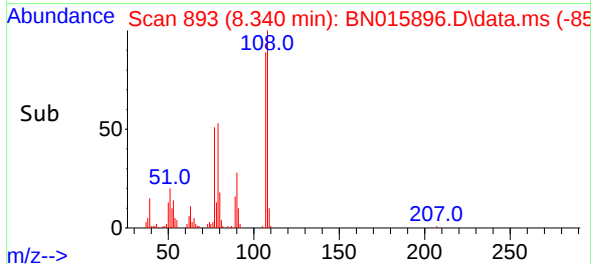
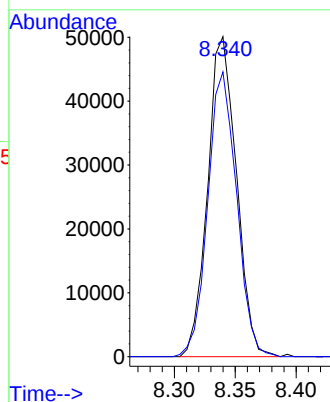
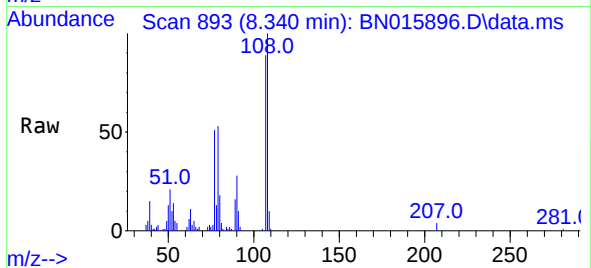
#13  
2-Methylphenol  
Concen: 4.229 ng/ul  
RT: 8.340 min Scan# 893  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
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Tgt Ion:108 Resp: 82512  
Ion Ratio Lower Upper  
108 100  
107 89.0 74.9 112.3

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

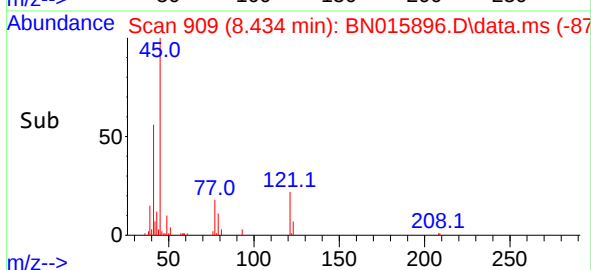
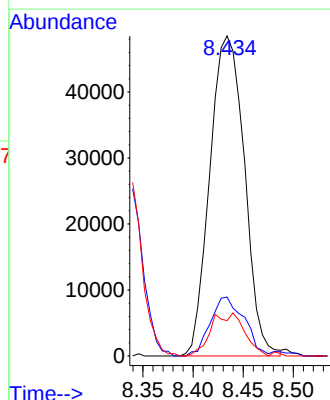
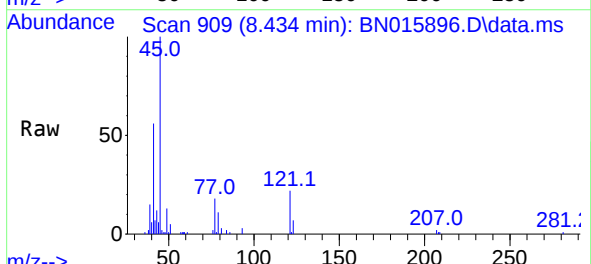
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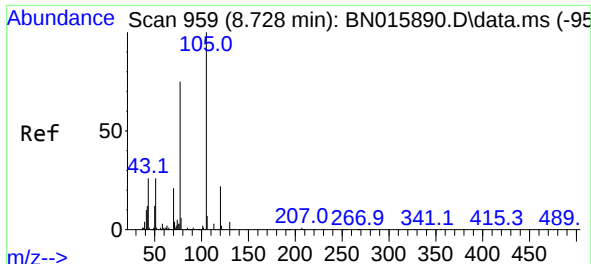
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#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.373 ng/ul  
RT: 8.434 min Scan# 909  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

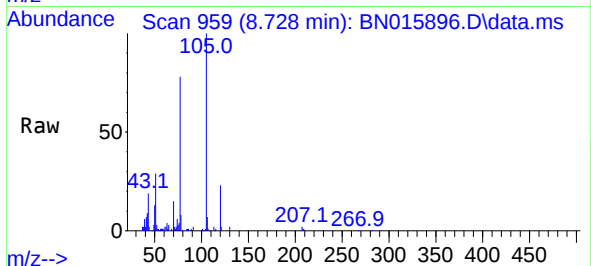
Tgt Ion: 45 Resp: 116526  
Ion Ratio Lower Upper  
45 100  
77 18.4 13.2 19.8  
79 11.1 8.7 13.1





#16  
Acetophenone  
Concen: 4.433 ng/ul  
RT: 8.728 min Scan# 959  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

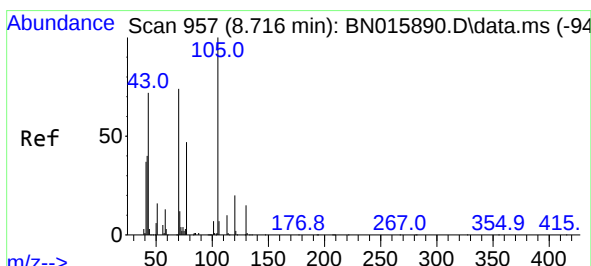
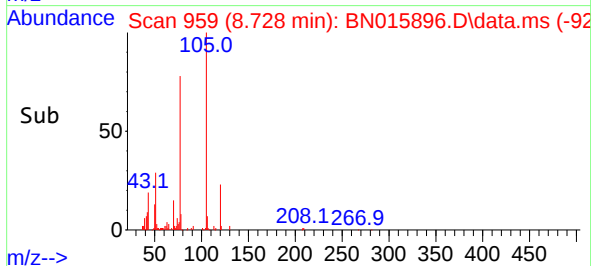
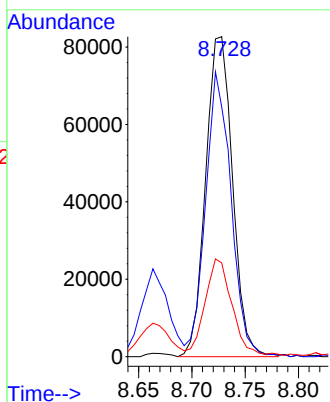
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



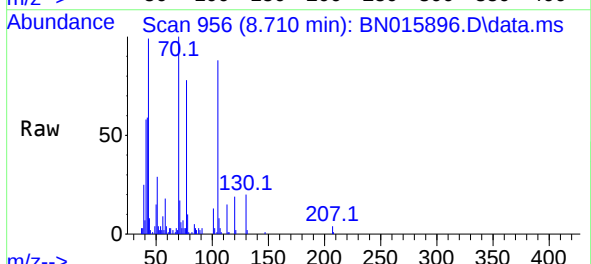
Tgt Ion: 105 Resp: 145377  
Ion Ratio Lower Upper  
105 100  
77 78.0 66.3 99.5  
51 29.3 23.7 35.5

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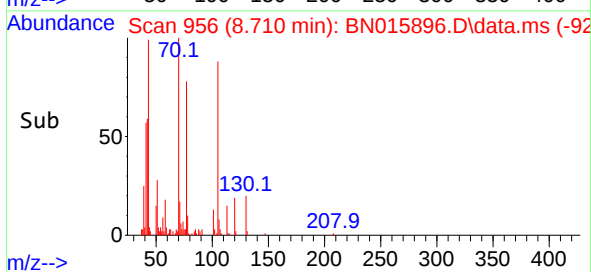
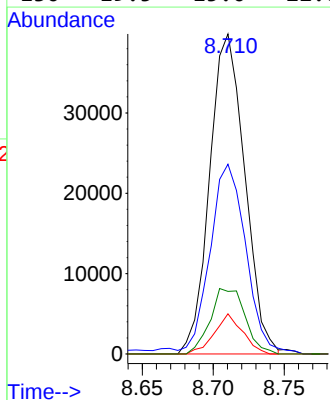
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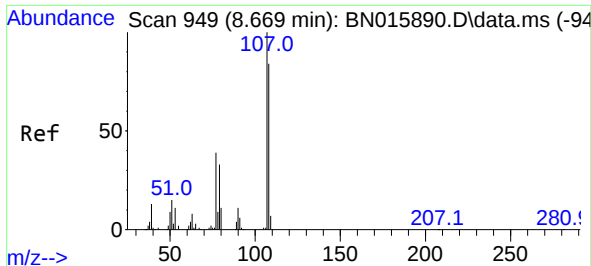


#17  
N-Nitroso-di-n-propylamine  
Concen: 4.276 ng/ul  
RT: 8.710 min Scan# 956  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



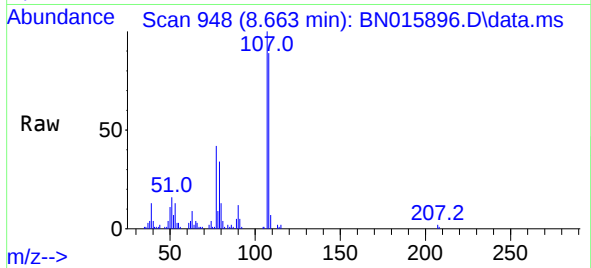
Tgt Ion: 70 Resp: 68471  
Ion Ratio Lower Upper  
70 100  
42 59.3 45.3 67.9  
101 12.5 7.6 11.4#  
130 19.5 15.0 22.6





#18  
4-Methylphenol  
Concen: 4.283 ng/ul  
RT: 8.663 min Scan# 948  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

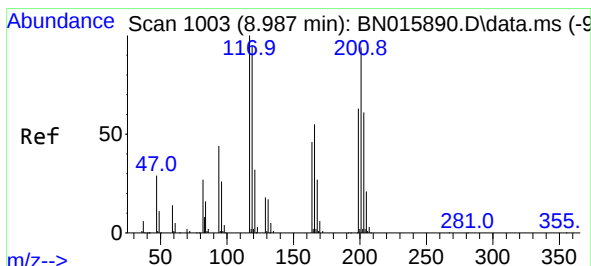
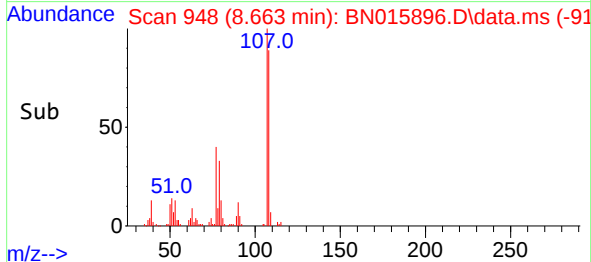
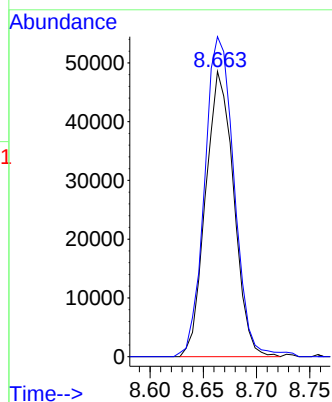
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



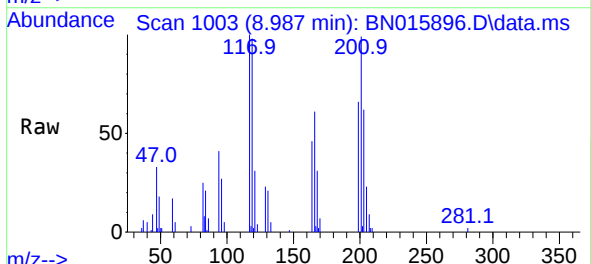
Tgt Ion:108 Resp: 89430  
Ion Ratio Lower Upper  
108 100  
107 112.2 85.3 127.9

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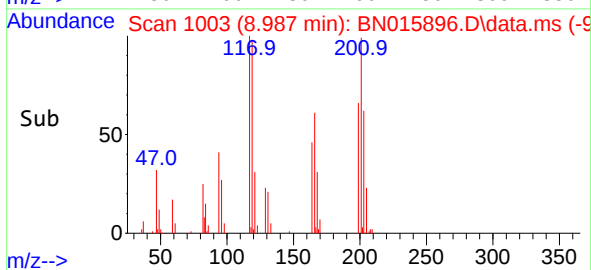
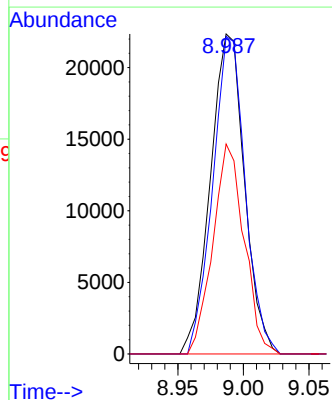
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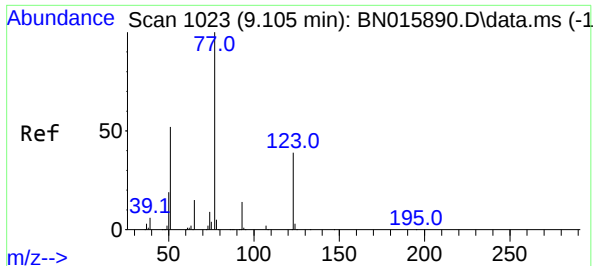


#19  
Hexachloroethane  
Concen: 4.654 ng/ul  
RT: 8.987 min Scan# 1003  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



Tgt Ion:117 Resp: 40385  
Ion Ratio Lower Upper  
117 100  
201 99.2 74.0 111.0  
199 65.6 45.0 67.4





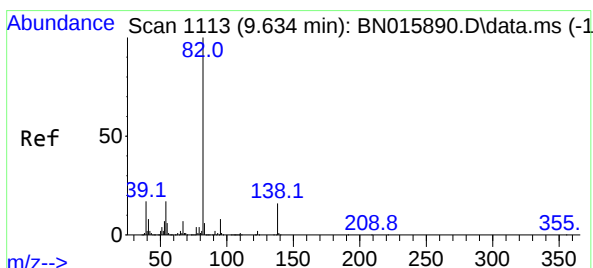
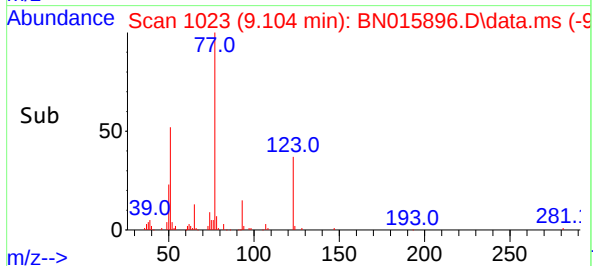
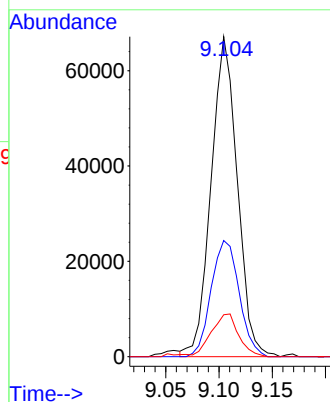
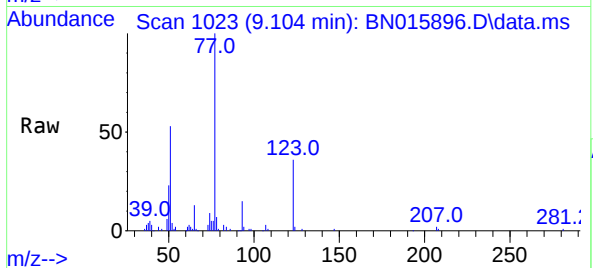
#22  
Nitrobenzene  
Concen: 4.627 ng/ul  
RT: 9.104 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion: 77 Resp: 114662  
Ion Ratio Lower Upper  
77 100  
123 36.3 32.2 48.4  
65 13.1 10.9 16.3

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

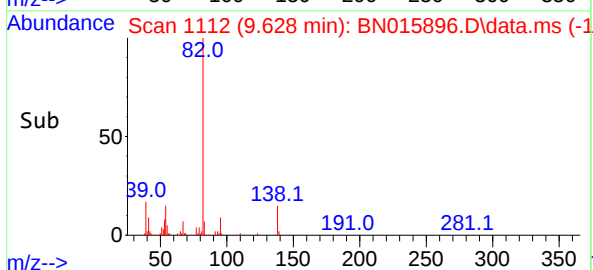
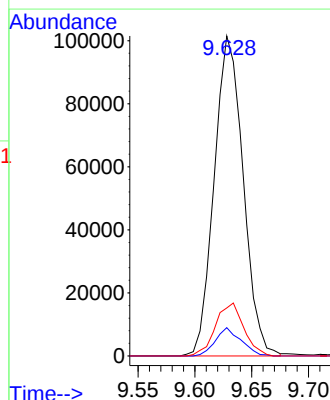
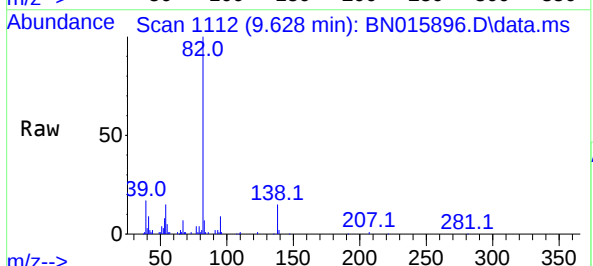
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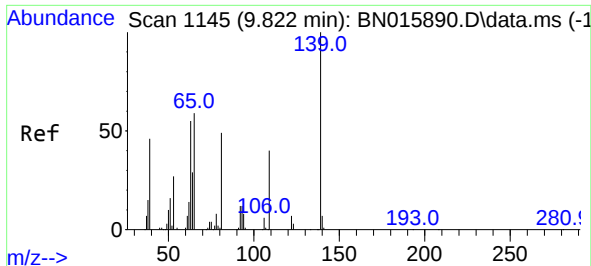
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#23  
Isophorone  
Concen: 4.178 ng/ul  
RT: 9.628 min Scan# 1112  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion: 82 Resp: 180139  
Ion Ratio Lower Upper  
82 100  
95 8.8 6.1 9.1  
138 15.0 13.0 19.4





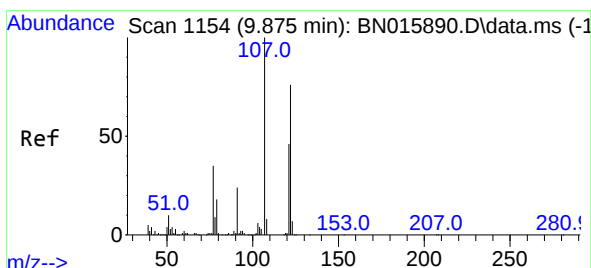
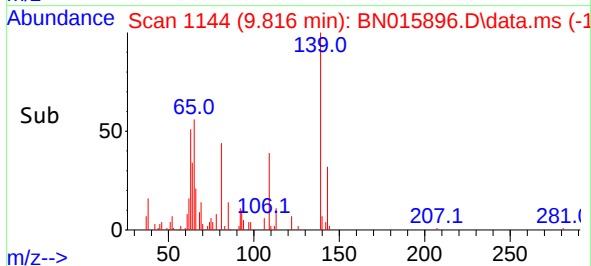
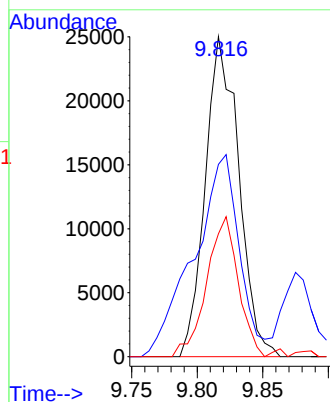
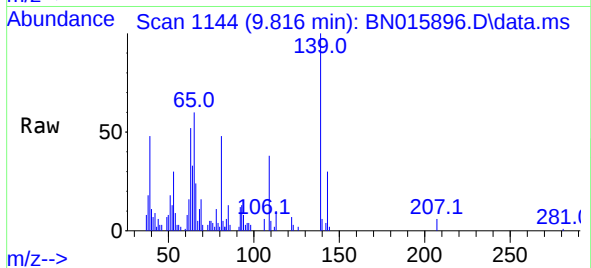
#25  
2-Nitrophenol  
Concen: 4.967 ng/ul  
RT: 9.816 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:139 Resp: 44424  
Ion Ratio Lower Upper  
139 100  
65 60.1 48.1 72.1  
109 38.4 29.7 44.5

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

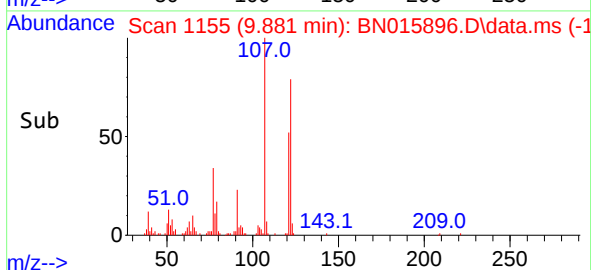
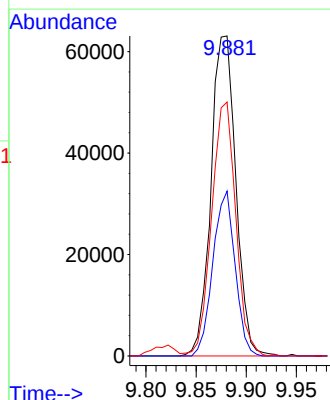
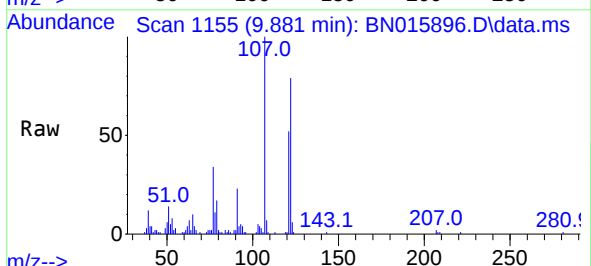
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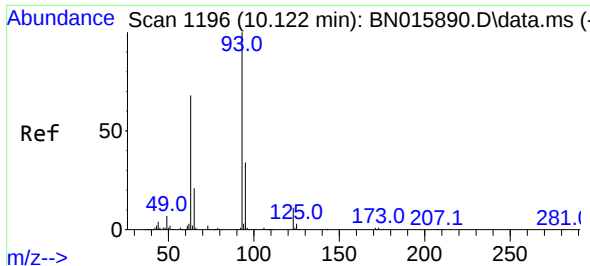
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#26  
2,4-Dimethylphenol  
Concen: 4.560 ng/ul  
RT: 9.881 min Scan# 1155  
Delta R.T. 0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

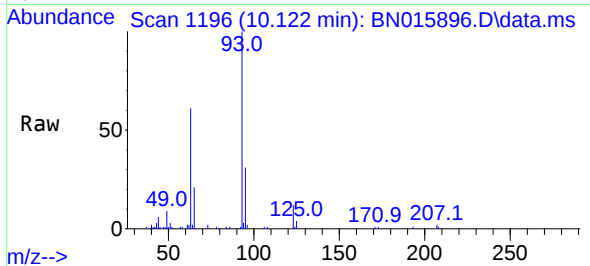
Tgt Ion:107 Resp: 108941  
Ion Ratio Lower Upper  
107 100  
121 51.5 35.3 52.9  
122 79.3 59.4 89.0





#27  
 Bis(2-Chloroethoxy)methane  
 Concen: 4.457 ng/ul  
 RT: 10.122 min Scan# 1196  
 Delta R.T. -0.000 min  
 Lab File: BN015896.D  
 Acq: 17 Aug 2021 12:36

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-MED-SOIL-QT3-2021-06

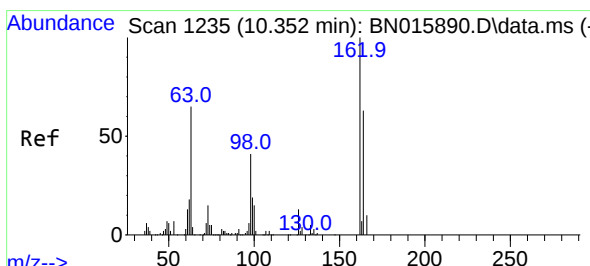
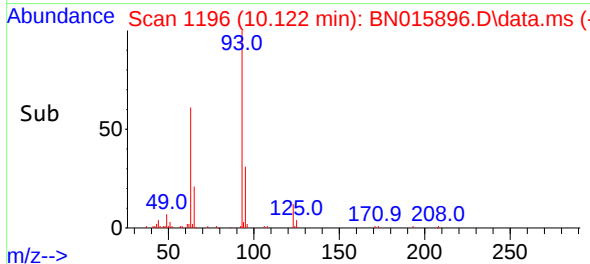
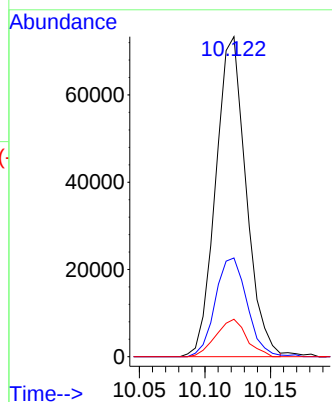


Tgt Ion: 93 Resp: 118025  

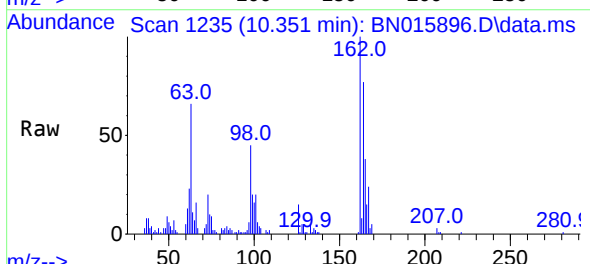
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 30.8  | 26.9  | 40.3  |
| 123 | 11.7  | 8.3   | 12.5  |

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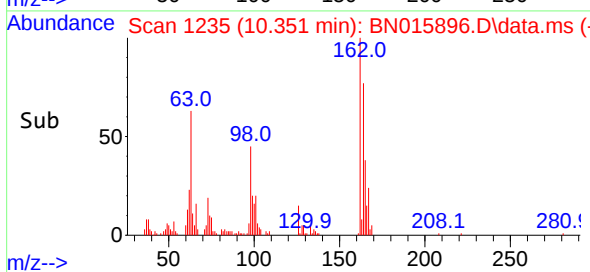
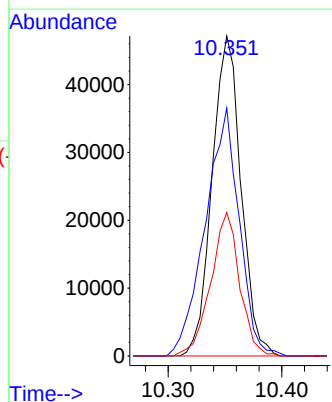


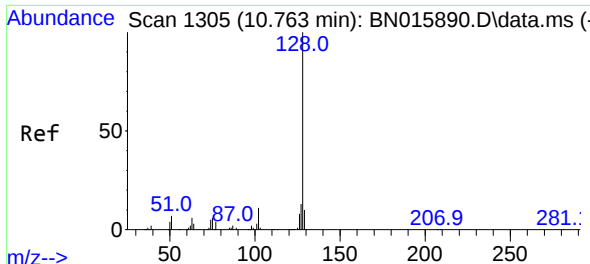
#29  
 2,4-Dichlorophenol  
 Concen: 4.778 ng/ul  
 RT: 10.351 min Scan# 1235  
 Delta R.T. -0.000 min  
 Lab File: BN015896.D  
 Acq: 17 Aug 2021 12:36



Tgt Ion: 162 Resp: 83615  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 77.5  | 51.9  | 77.9  |
| 98  | 44.8  | 34.2  | 51.2  |





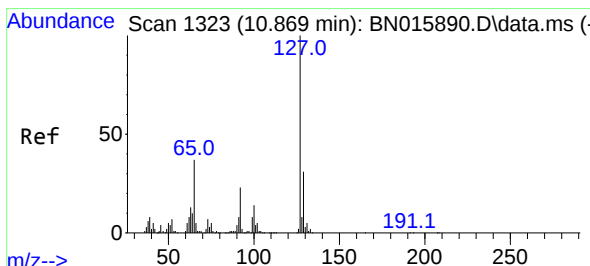
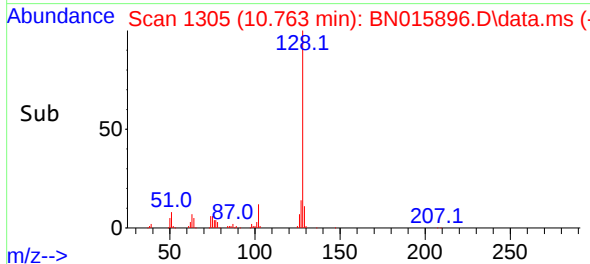
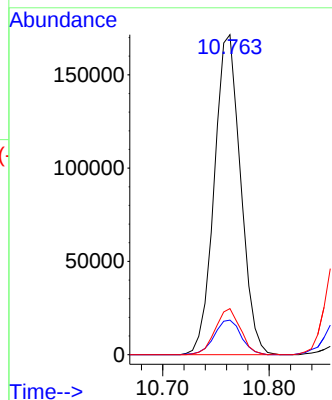
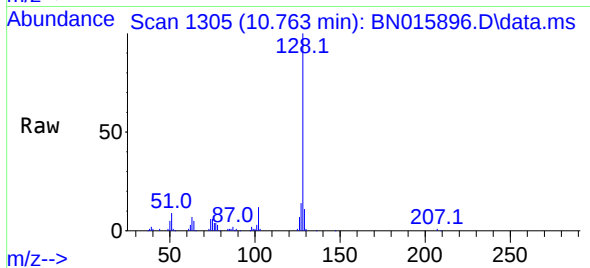
#30  
Naphthalene  
Concen: 4.610 ng/ul  
RT: 10.763 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:128 Resp: 294000  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.8 13.2  
127 14.4 11.1 16.7

Instrument :  
BNA\_N  
ClientSampleId :  
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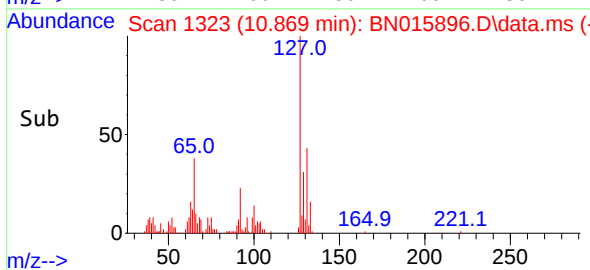
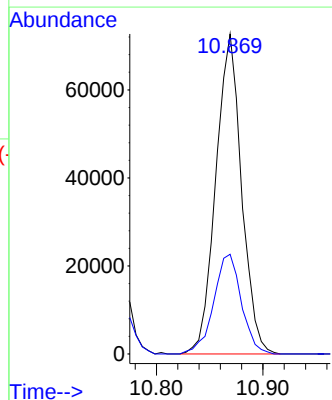
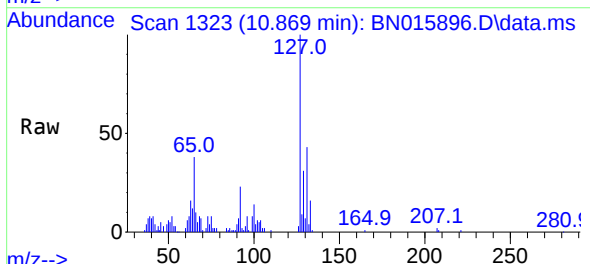
Manual Integrations  
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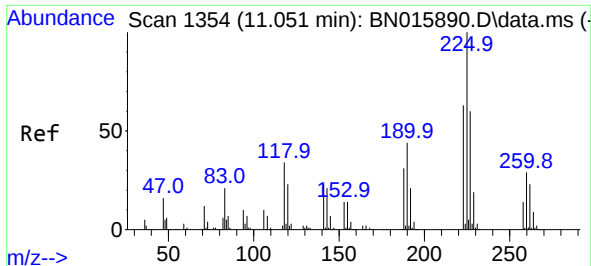
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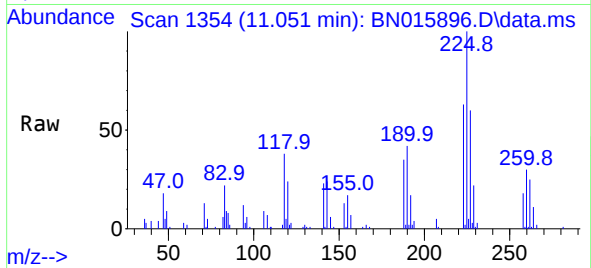
#32  
4-Chloroaniline  
Concen: 4.571 ng/ul  
RT: 10.869 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:127 Resp: 121912  
Ion Ratio Lower Upper  
127 100  
129 31.2 25.6 38.4

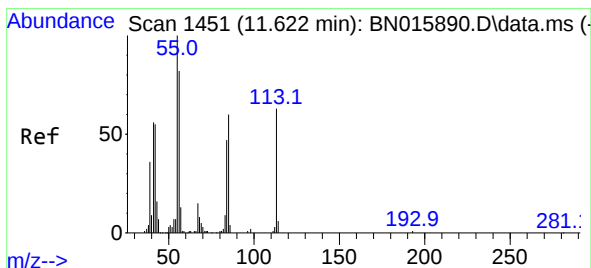
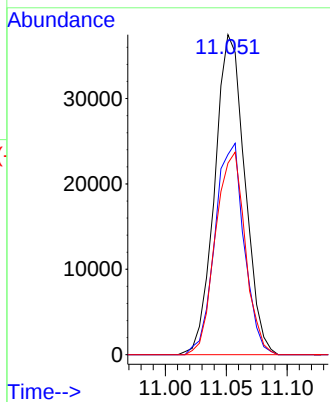
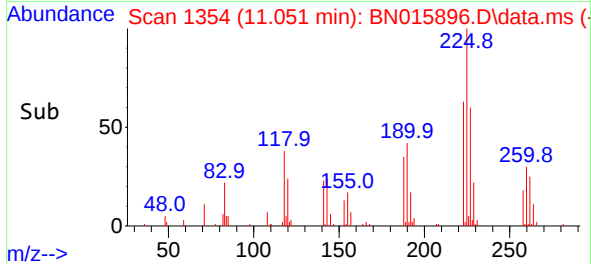




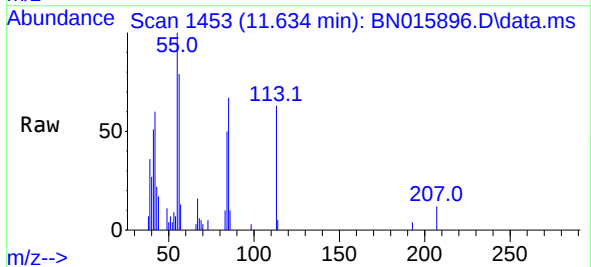
#33  
Hexachlorobutadiene  
Concen: 4.798 ng/ul  
RT: 11.051 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



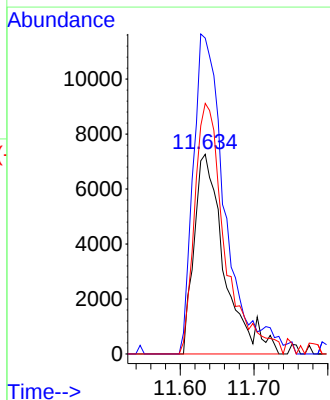
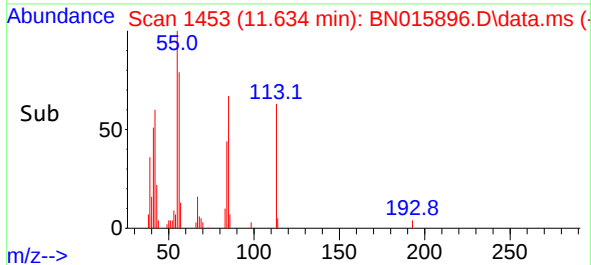
Tgt Ion:225 Resp: 64509  
Ion Ratio Lower Upper  
225 100  
223 62.6 50.5 75.7  
227 59.9 53.9 80.9



#34  
Caprolactam  
Concen: 3.766 ng/ul m  
RT: 11.634 min Scan# 1453  
Delta R.T. 0.012 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



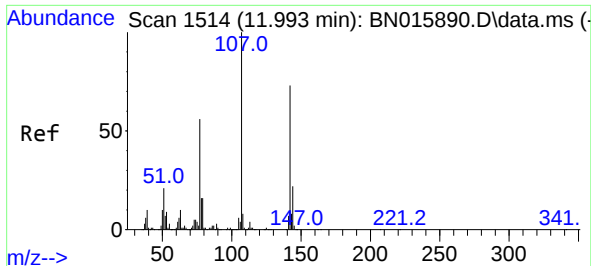
Tgt Ion:113 Resp: 20648  
Ion Ratio Lower Upper  
113 100  
55 158.1 130.4 195.6  
56 125.4 102.2 153.4



Instrument :  
BNA\_N  
ClientSampleId :  
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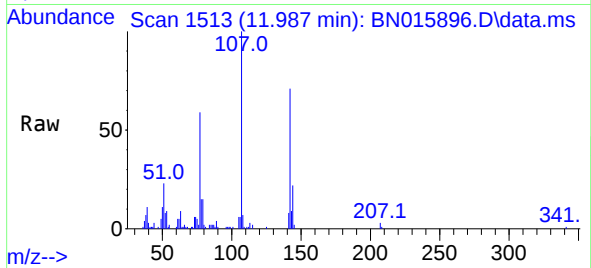
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#35  
4-Chloro-3-methylphenol  
Concen: 4.348 ng/ul  
RT: 11.987 min Scan# 1513  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

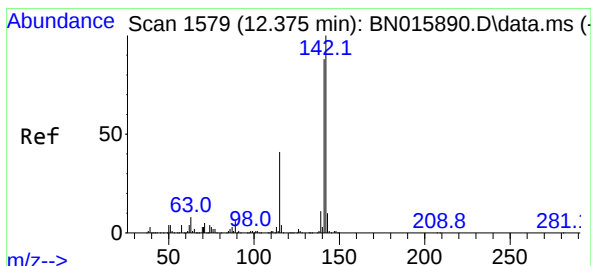
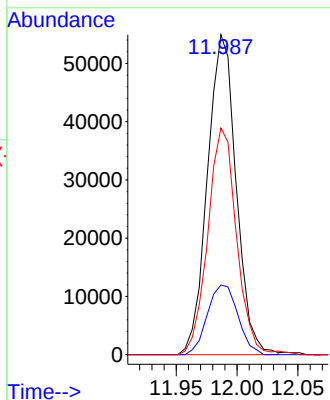
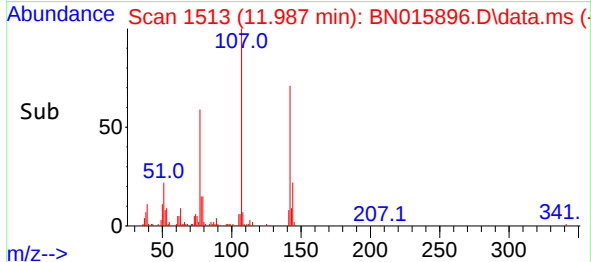
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



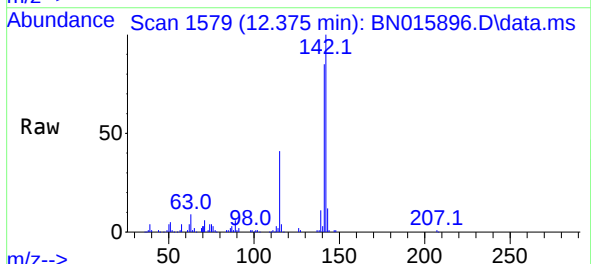
Tgt Ion:107 Resp: 90120  
Ion Ratio Lower Upper  
107 100  
144 21.7 18.2 27.4  
142 70.9 57.1 85.7

Manual Integrations  
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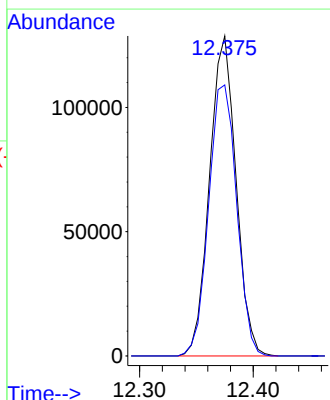
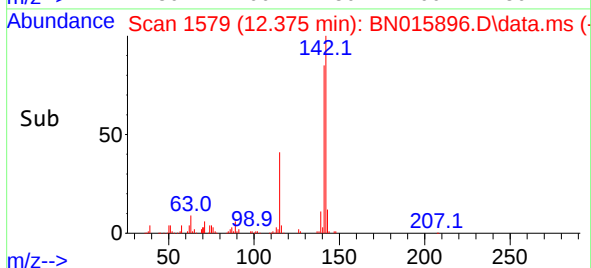
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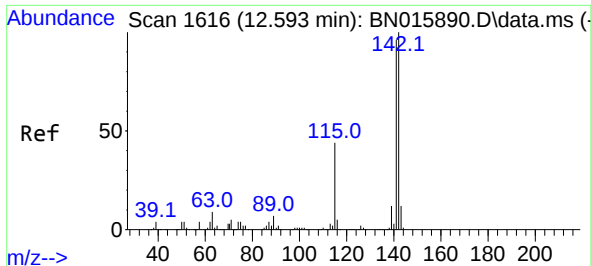


#36  
2-Methylnaphthalene  
Concen: 4.697 ng/ul  
RT: 12.375 min Scan# 1579  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



Tgt Ion:142 Resp: 208294  
Ion Ratio Lower Upper  
142 100  
141 84.7 73.4 110.0





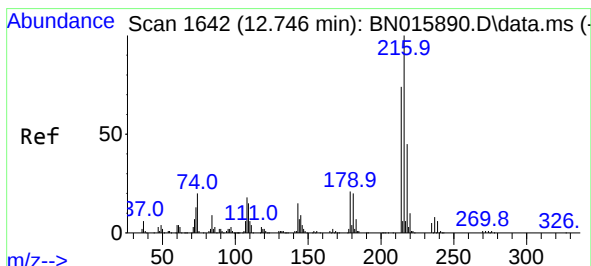
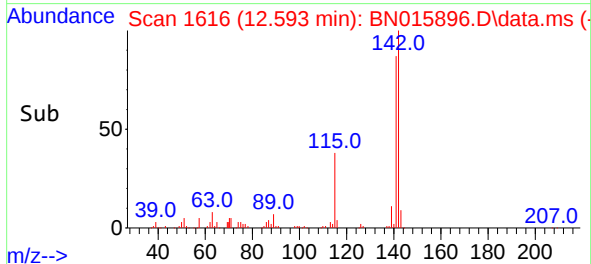
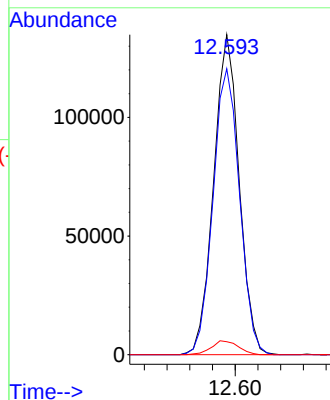
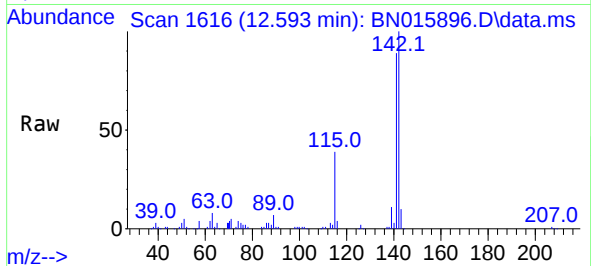
#37  
1-Methylnaphthalene  
Concen: 4.765 ng/ul  
RT: 12.593 min Scan# 1616  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:142 Resp: 210318  
Ion Ratio Lower Upper  
142 100  
141 89.3 74.2 111.4  
116 4.1 3.4 5.0

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

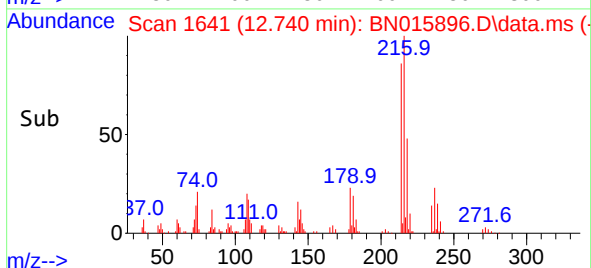
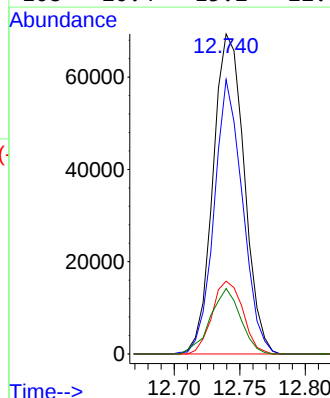
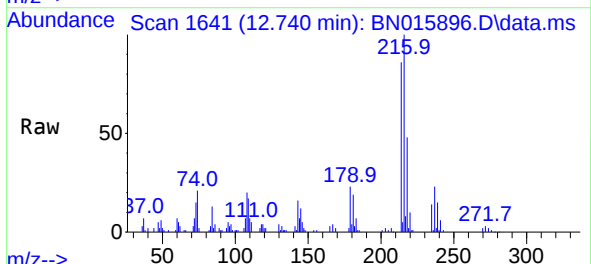
Manual Integrations  
APPROVED

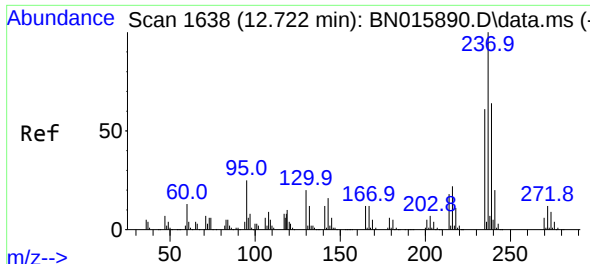
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#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.642 ng/ul  
RT: 12.740 min Scan# 1641  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:216 Resp: 114901  
Ion Ratio Lower Upper  
216 100  
214 85.8 62.7 94.1  
179 22.8 18.6 27.8  
108 20.4 15.2 22.8





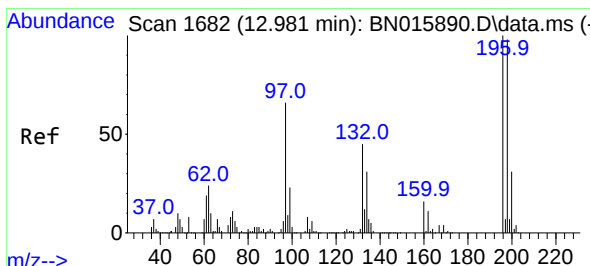
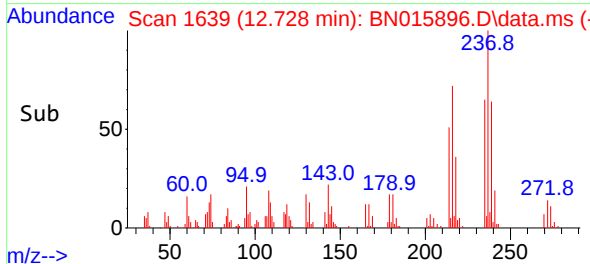
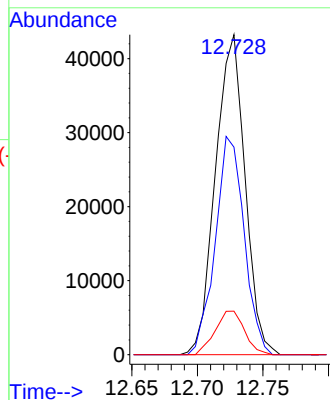
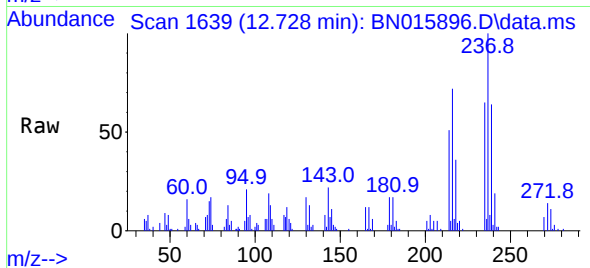
#40  
Hexachlorocyclopentadiene  
Concen: 4.228 ng/ul  
RT: 12.728 min Scan# 1639  
Delta R.T. 0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 67840 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 64.8  | 49.0  | 73.4  |
| 272       | 13.6  | 9.8   | 14.8  |

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

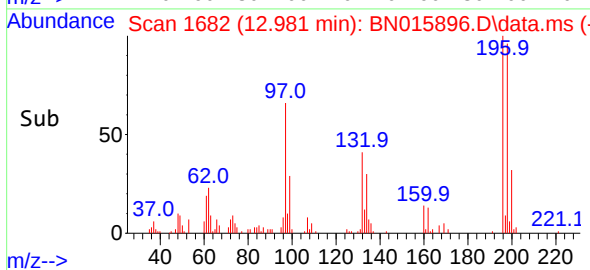
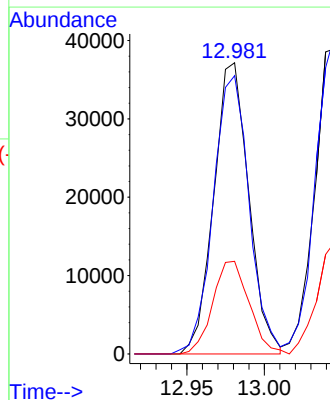
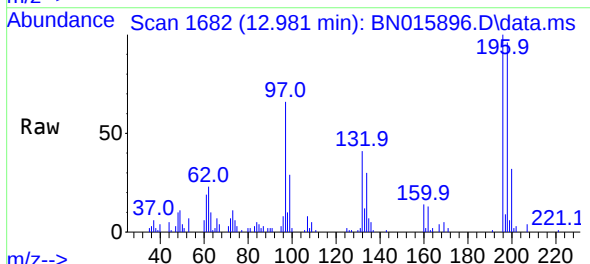
Manual Integrations  
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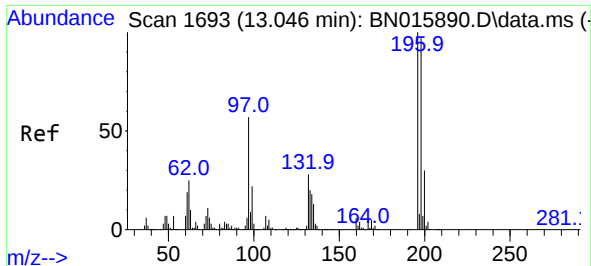
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#41  
2,4,6-Trichlorophenol  
Concen: 4.312 ng/ul  
RT: 12.981 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

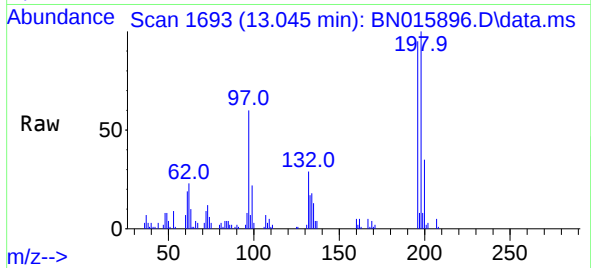
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 58354 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 95.6  | 79.9  | 119.9 |
| 200       | 31.8  | 23.6  | 35.4  |





#42  
2,4,5-Trichlorophenol  
Concen: 4.410 ng/ul  
RT: 13.045 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

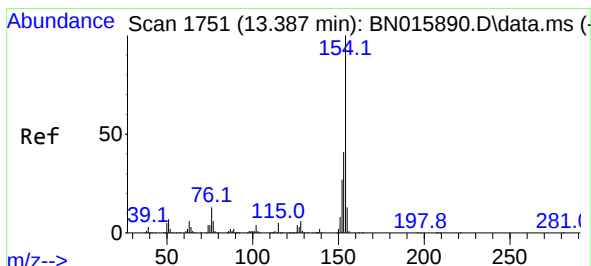
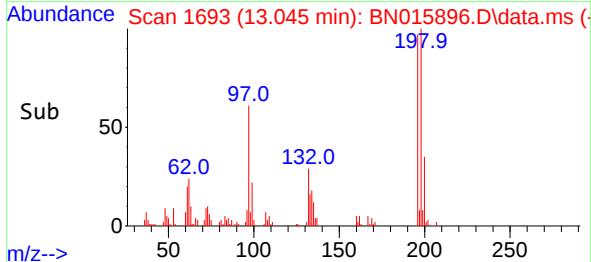
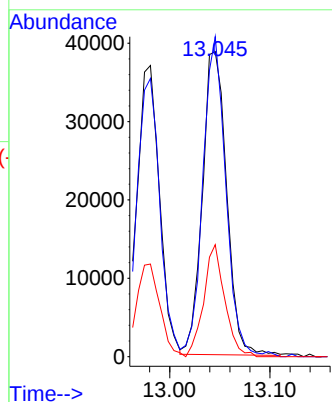
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



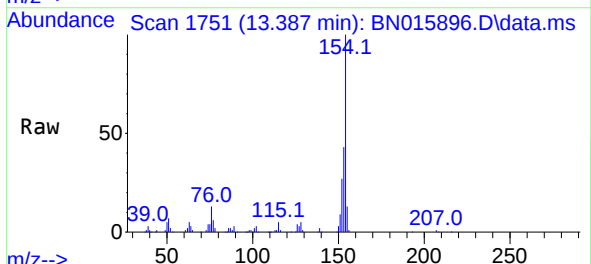
Tgt Ion:196 Resp: 65164  
Ion Ratio Lower Upper  
196 100  
198 104.9 76.5 114.7  
200 36.7 24.6 37.0

Manual Integrations  
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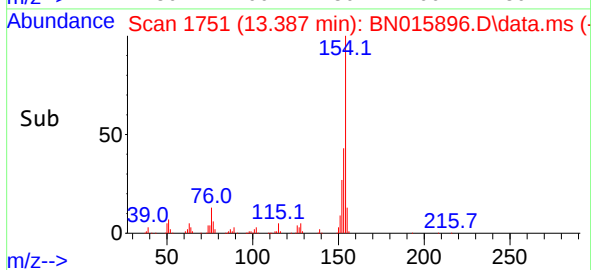
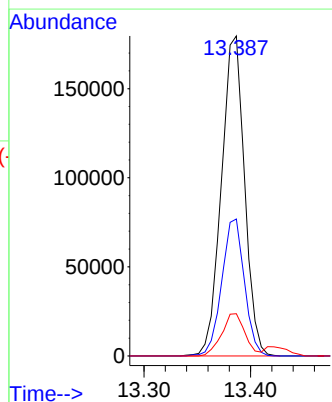
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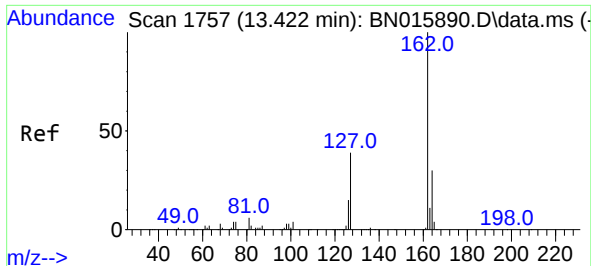


#43  
1,1'-Biphenyl  
Concen: 4.586 ng/ul  
RT: 13.387 min Scan# 1751  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



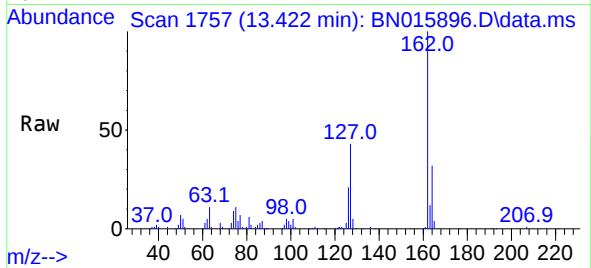
Tgt Ion:154 Resp: 271331  
Ion Ratio Lower Upper  
154 100  
153 42.8 32.1 48.1  
76 13.2 11.0 16.6





#44  
2-Chloronaphthalene  
Concen: 4.570 ng/ul  
RT: 13.422 min Scan# 1757  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

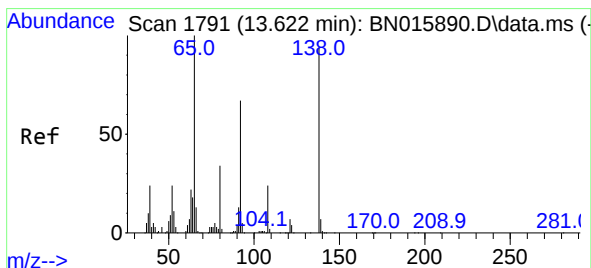
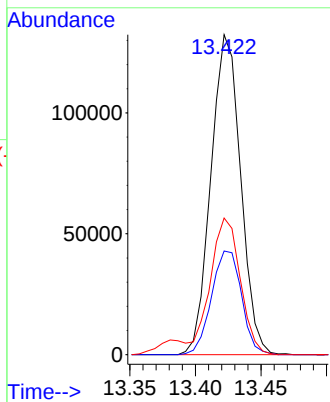
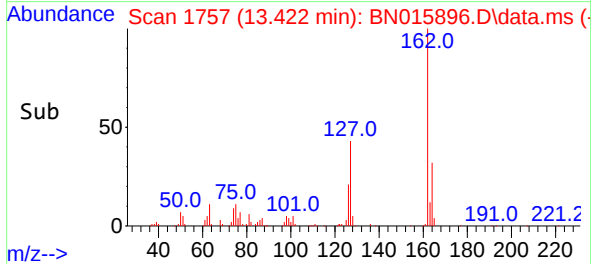
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



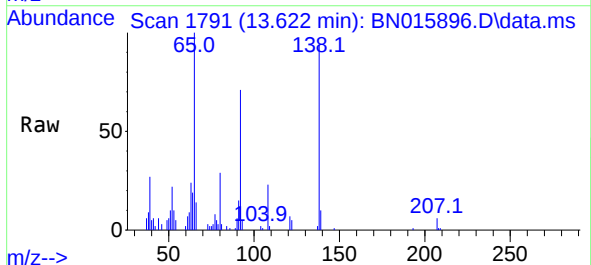
Tgt Ion:162 Resp: 208759  
Ion Ratio Lower Upper  
162 100  
164 32.4 26.6 40.0  
127 42.7 36.3 54.5

Manual Integrations  
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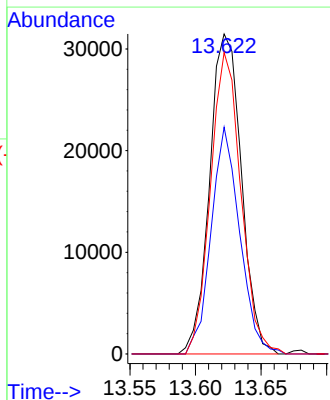
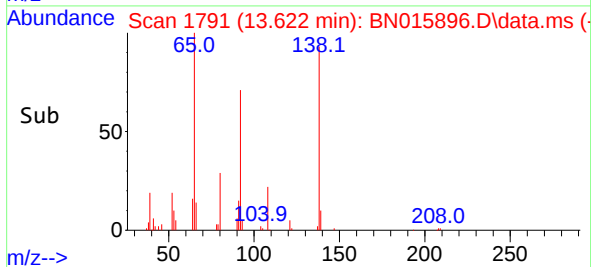
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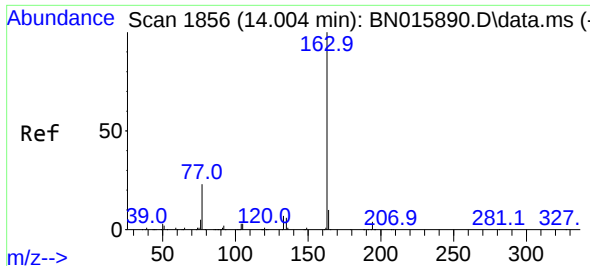


#45  
2-Nitroaniline  
Concen: 4.095 ng/ul  
RT: 13.622 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



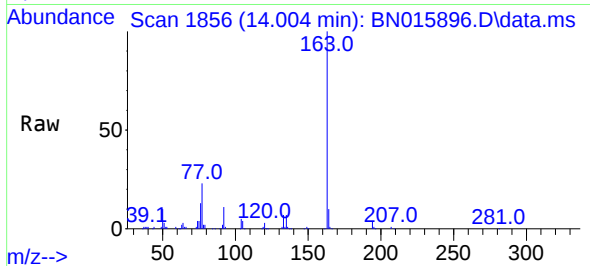
Tgt Ion: 65 Resp: 53010  
Ion Ratio Lower Upper  
65 100  
92 70.9 54.5 81.7  
138 94.2 75.4 113.0





#47  
Dimethylphthalate  
Concen: 4.704 ng/ul  
RT: 14.004 min Scan# 1856  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

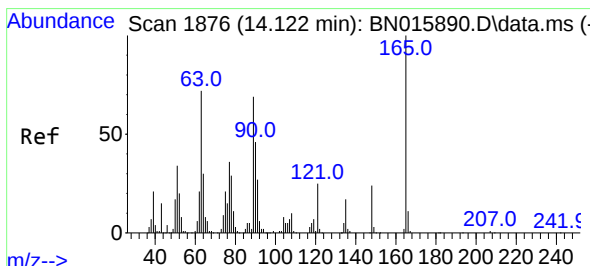
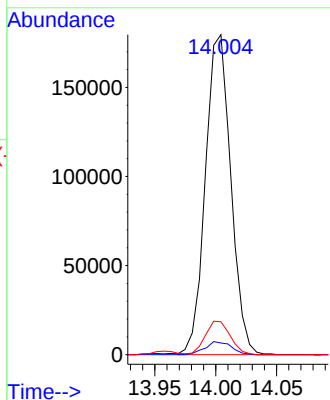
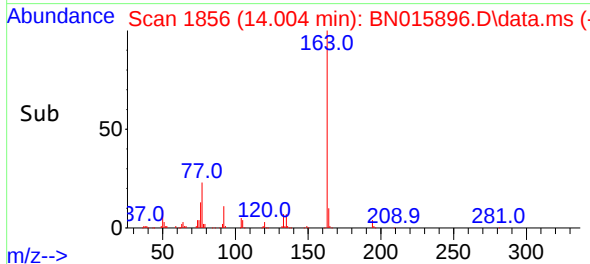
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



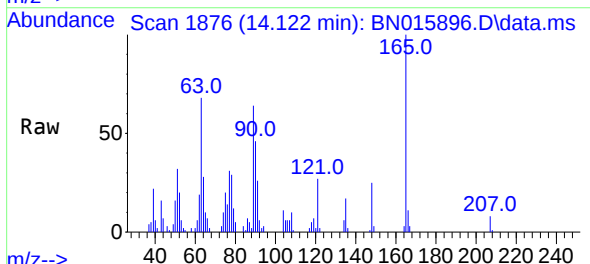
Tgt Ion:163 Resp: 261487  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.3 4.9  
164 10.3 8.6 12.8

Manual Integrations  
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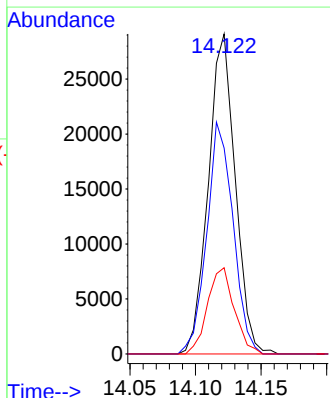
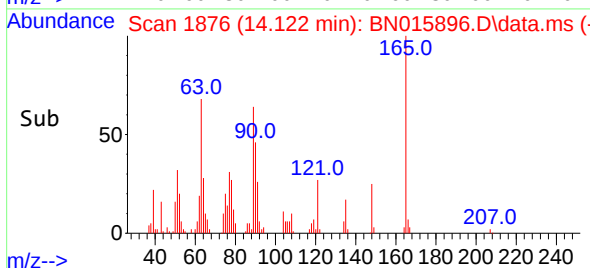
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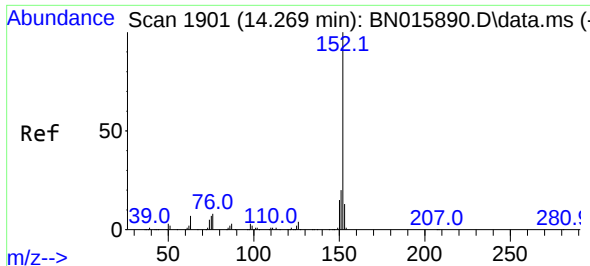


#48  
2,6-Dinitrotoluene  
Concen: 4.130 ng/ul  
RT: 14.122 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



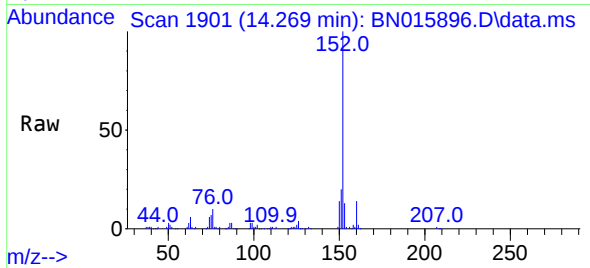
Tgt Ion:165 Resp: 41575  
Ion Ratio Lower Upper  
165 100  
89 64.4 59.5 89.3  
121 27.0 20.0 30.0





#50  
Acenaphthylene  
Concen: 4.648 ng/ul  
RT: 14.269 min Scan# 1901  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

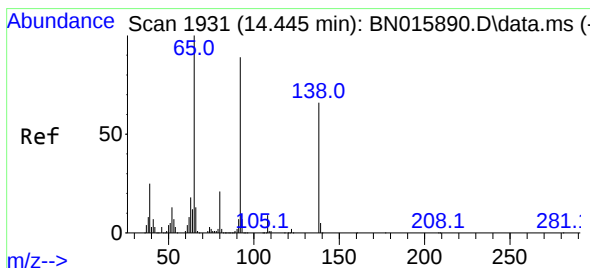
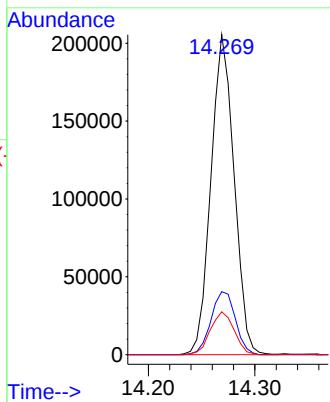
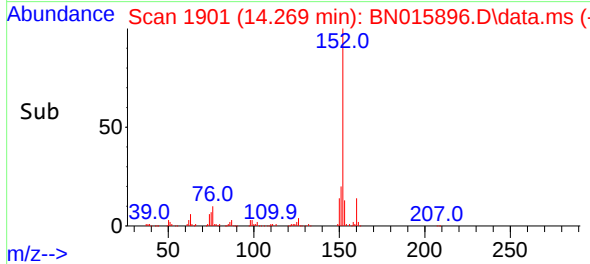
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



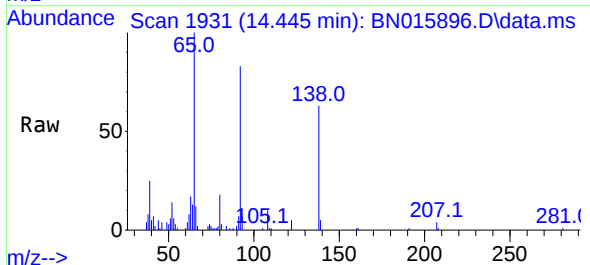
Tgt Ion:152 Resp: 310270  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.2 24.2  
153 13.4 10.3 15.5

Manual Integrations  
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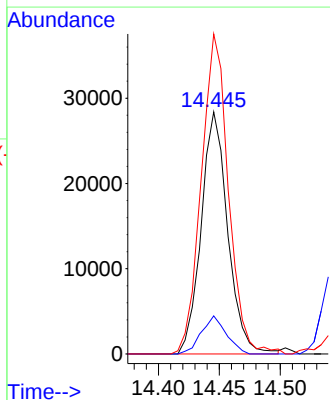
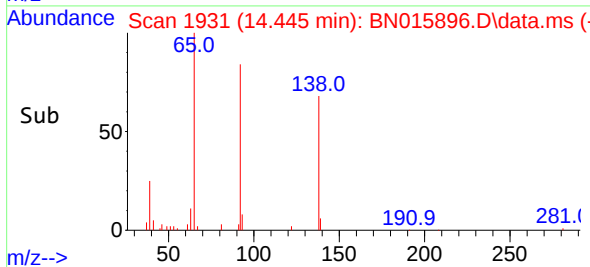
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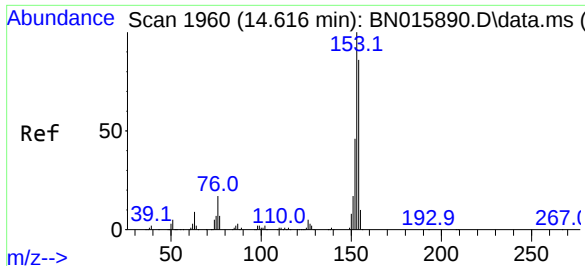


#51  
3-Nitroaniline  
Concen: 3.978 ng/ul  
RT: 14.445 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



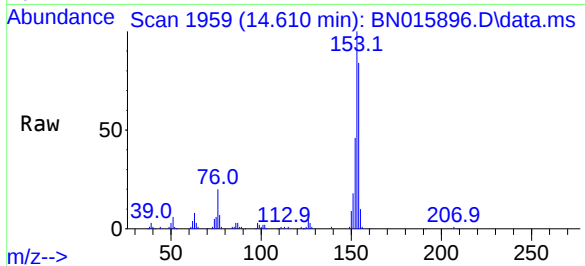
Tgt Ion:138 Resp: 43054  
Ion Ratio Lower Upper  
138 100  
108 15.7 10.3 15.5#  
92 132.2 103.9 155.9





#52  
Acenaphthene  
Concen: 4.621 ng/ul  
RT: 14.610 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

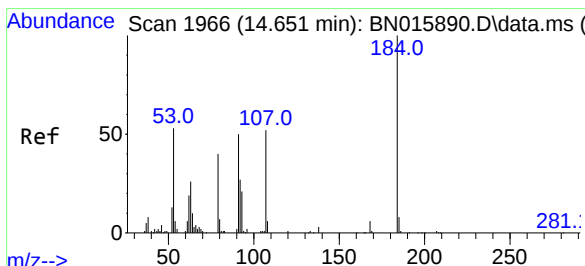
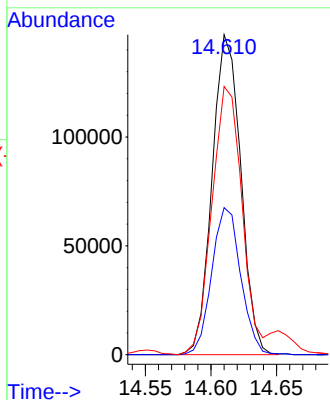
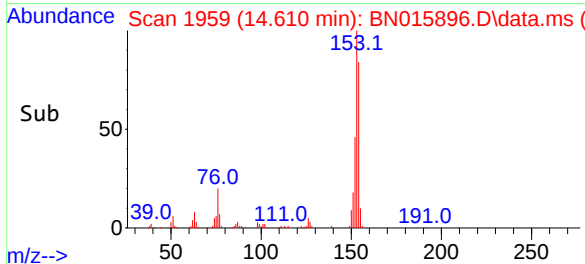
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



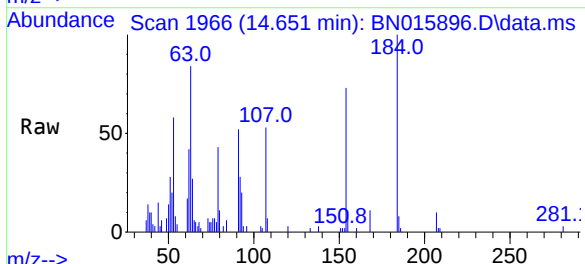
Tgt Ion:153 Resp: 223121  
Ion Ratio Lower Upper  
153 100  
152 45.9 38.6 57.8  
154 83.8 69.3 103.9

Manual Integrations  
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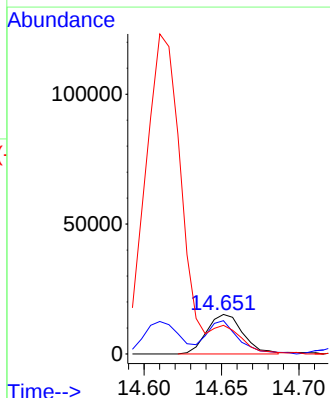
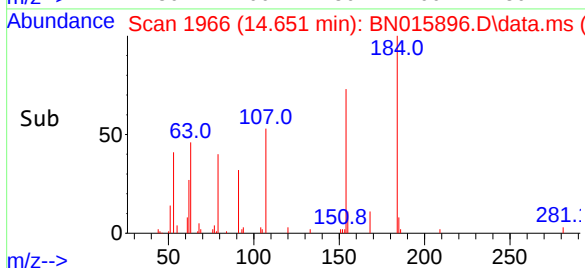
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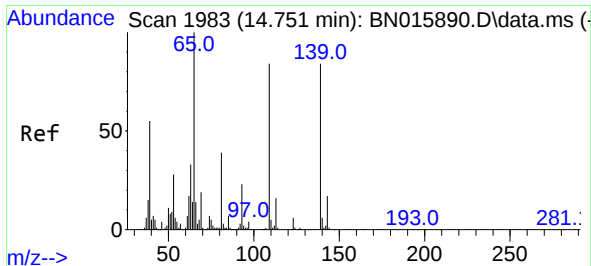


#53  
2,4-Dinitrophenol  
Concen: 4.407 ng/ul  
RT: 14.651 min Scan# 1966  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



Tgt Ion:184 Resp: 24651  
Ion Ratio Lower Upper  
184 100  
63 84.4 64.8 97.2  
154 72.6 59.7 89.5





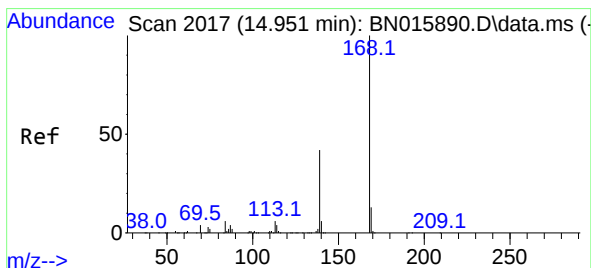
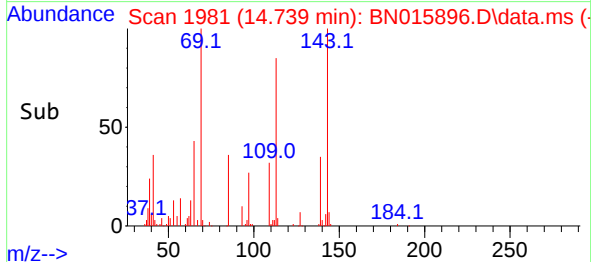
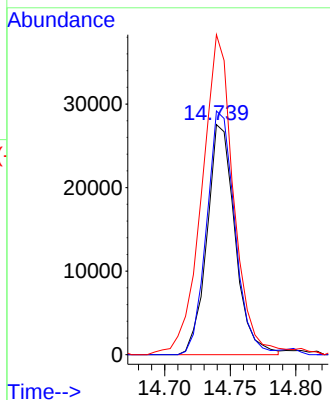
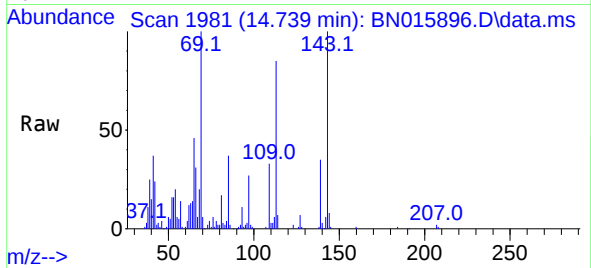
#55  
4-Nitrophenol  
Concen: 4.220 ng/ul  
RT: 14.739 min Scan# 1981  
Delta R.T. -0.012 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:109 Resp: 40951  
Ion Ratio Lower Upper  
109 100  
139 105.9 84.7 127.1  
65 139.1 105.0 157.6

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

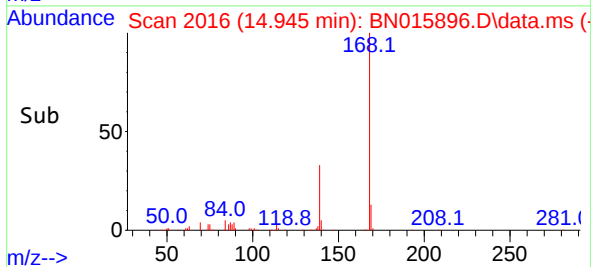
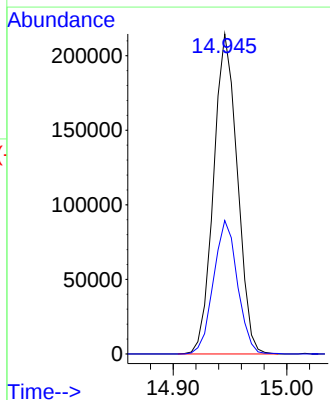
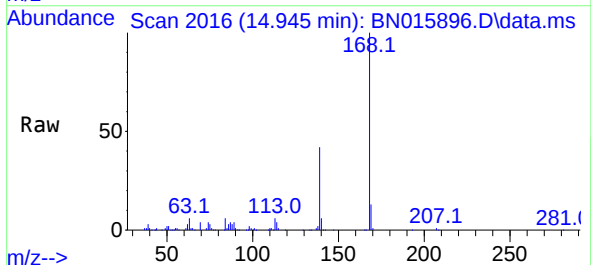
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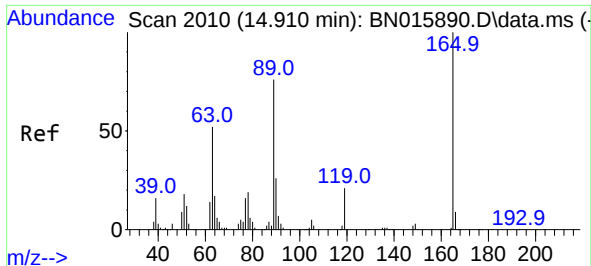
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#56  
Dibenzofuran  
Concen: 4.676 ng/ul  
RT: 14.945 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:168 Resp: 312130  
Ion Ratio Lower Upper  
168 100  
139 41.7 31.8 47.6





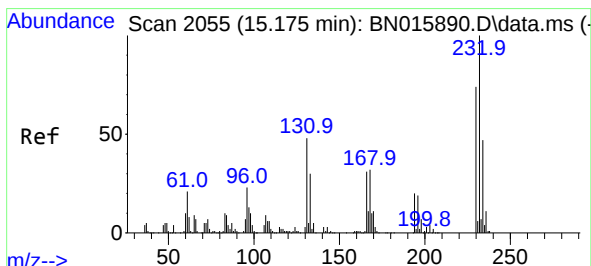
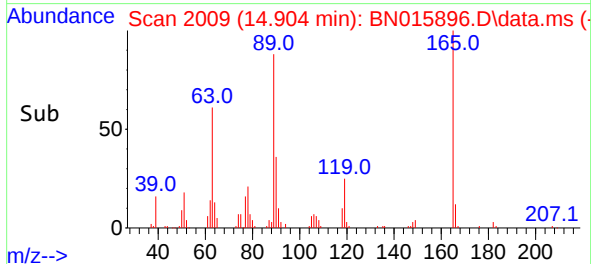
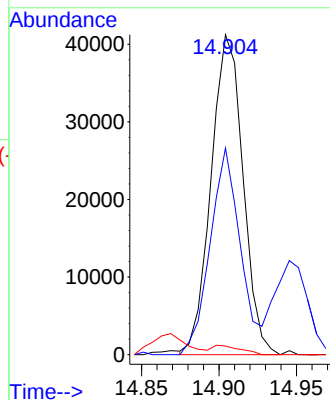
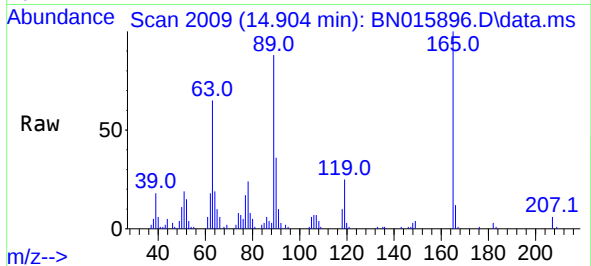
#57  
2,4-Dinitrotoluene  
Concen: 4.072 ng/ul  
RT: 14.904 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 64.5  | 42.8  | 64.2# |
| 182     | 2.7   | 2.2   | 3.4   |

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

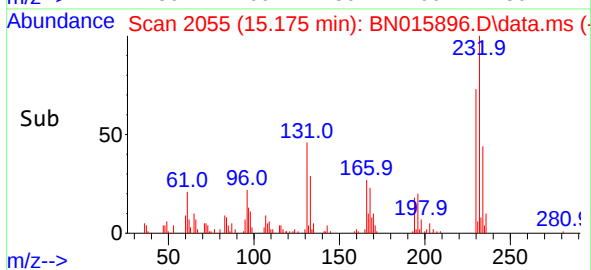
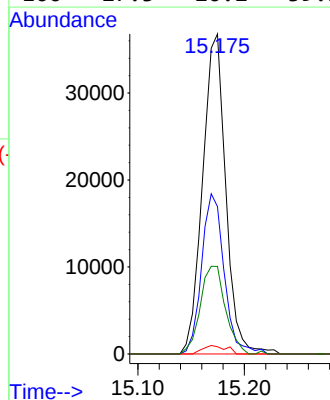
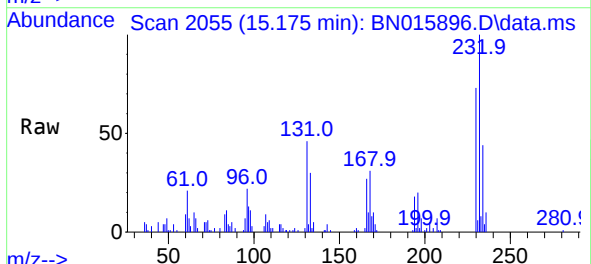
Manual Integrations  
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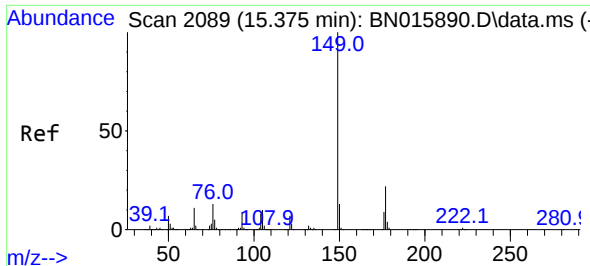
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#58  
2,3,4,6-Tetrachlorophenol  
Concen: 4.547 ng/ul  
RT: 15.175 min Scan# 2055  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 46.0  | 37.5  | 56.3  |
| 130     | 2.3   | 2.2   | 3.4   |
| 166     | 27.3  | 26.2  | 39.2  |





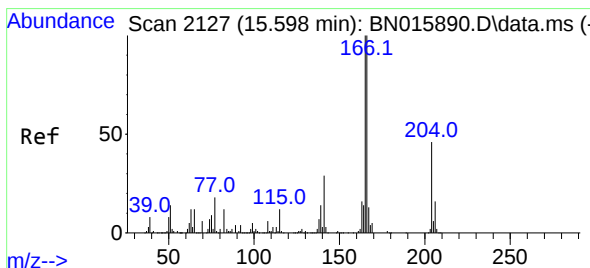
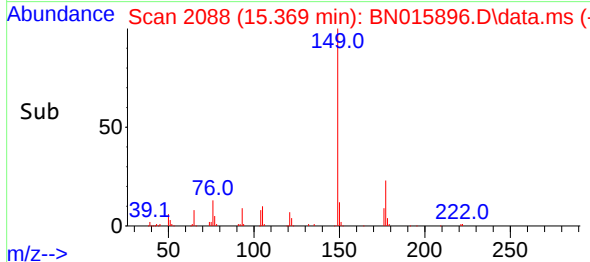
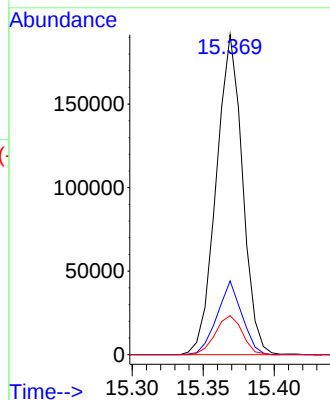
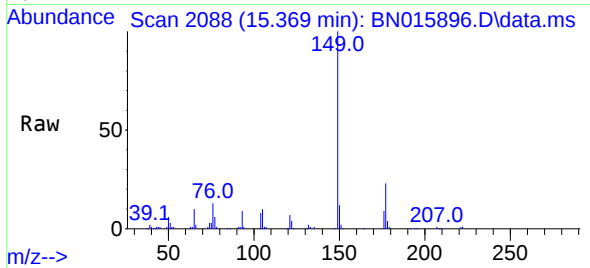
#59  
Diethylphthalate  
Concen: 4.437 ng/ul  
RT: 15.369 min Scan# 2088  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:149 Resp: 246633  
Ion Ratio Lower Upper  
149 100  
177 23.1 17.2 25.8  
150 12.2 10.2 15.2

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

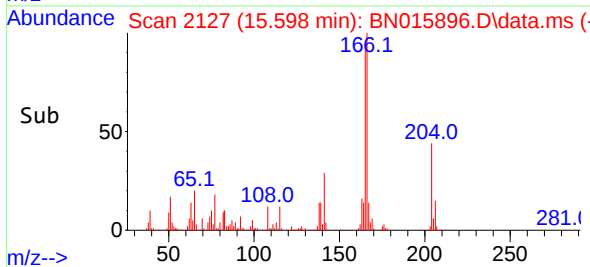
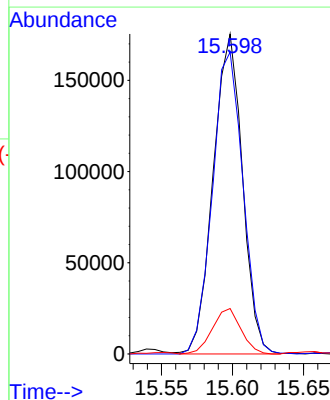
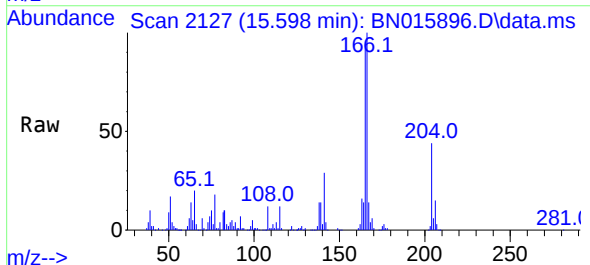
Manual Integrations  
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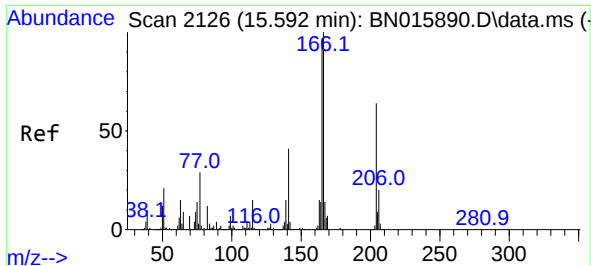
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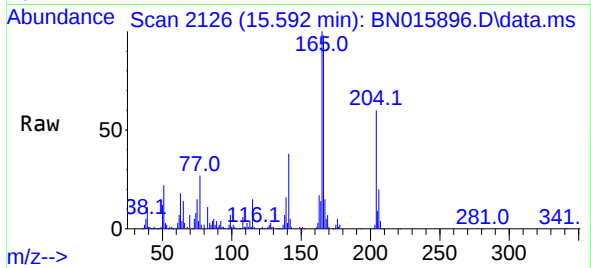
#61  
Fluorene  
Concen: 4.597 ng/ul  
RT: 15.598 min Scan# 2127  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:166 Resp: 250393  
Ion Ratio Lower Upper  
166 100  
165 94.3 78.4 117.6  
167 14.2 10.8 16.2

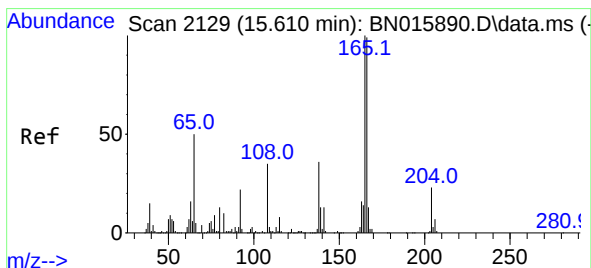
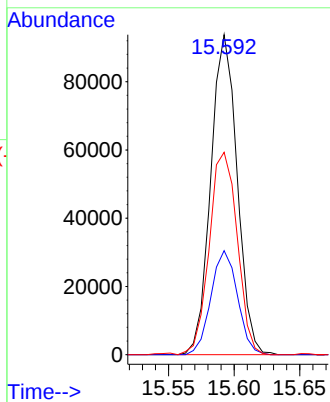
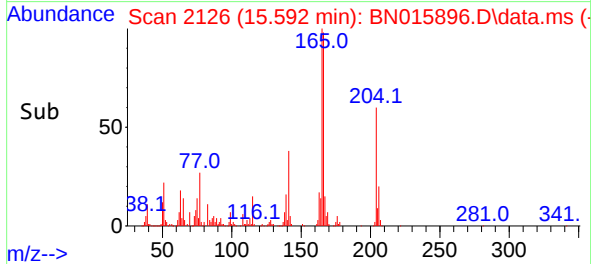




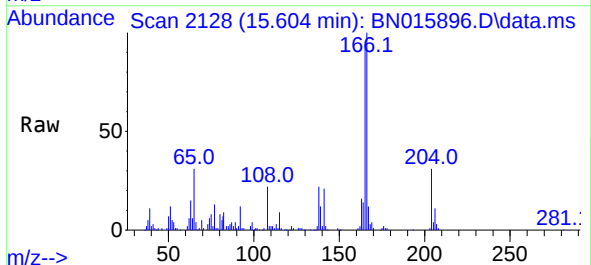
#62  
4-Chlorophenyl-phenylether  
Concen: 4.616 ng/ul  
RT: 15.592 min Scan# 2126  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



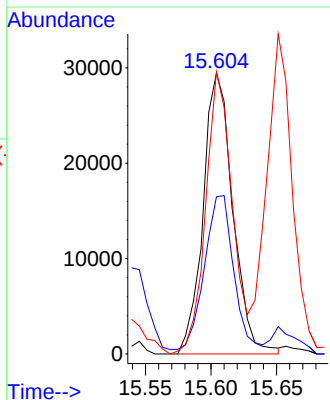
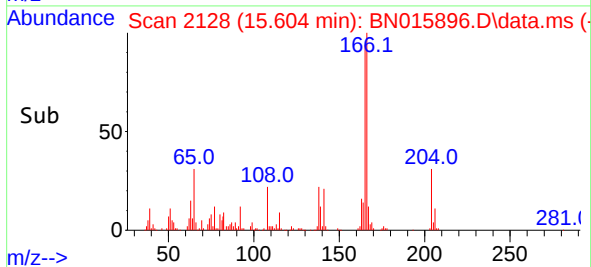
Tgt Ion:204 Resp: 131124  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.1 39.1  
141 63.3 53.4 80.0



#63  
4-Nitroaniline  
Concen: 4.474 ng/ul  
RT: 15.604 min Scan# 2128  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



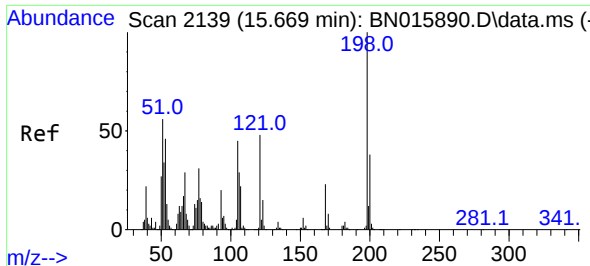
Tgt Ion:138 Resp: 46400  
Ion Ratio Lower Upper  
138 100  
92 56.0 48.6 72.8  
108 100.5 80.7 121.1



Instrument :  
BNA\_N  
ClientSampleId :  
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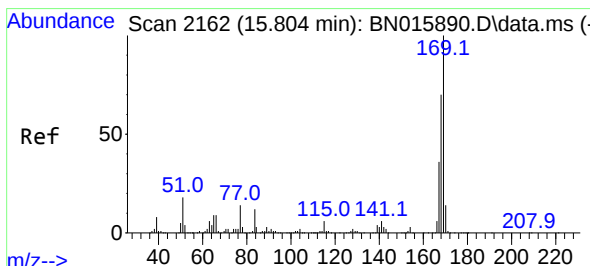
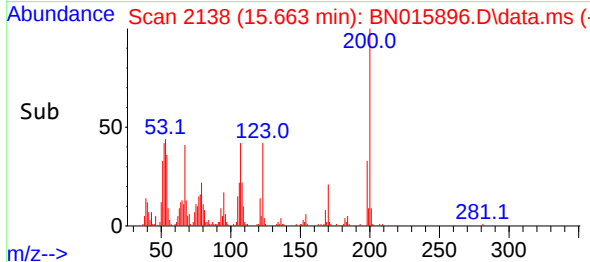
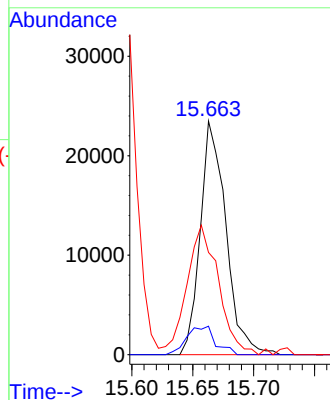
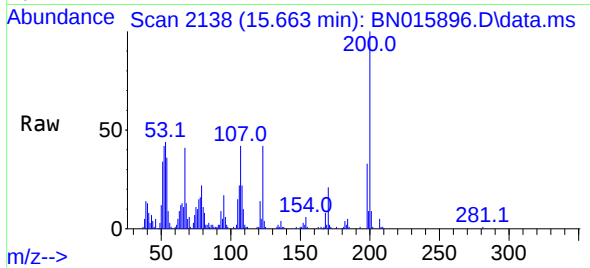
#66  
4,6-Dinitro-2-methylphenol  
Concen: 4.130 ng/ul  
RT: 15.663 min Scan# 2138  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:198 Resp: 34418  
Ion Ratio Lower Upper  
198 100  
182 12.2 3.0 4.4#  
77 43.8 23.4 35.0#

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

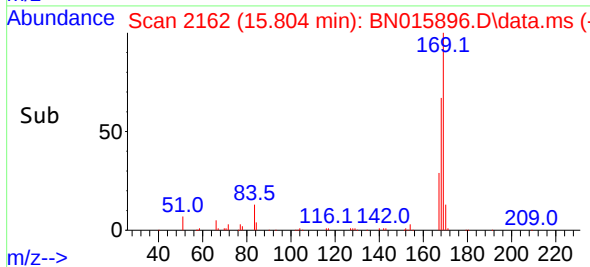
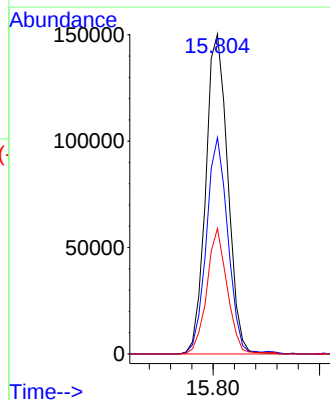
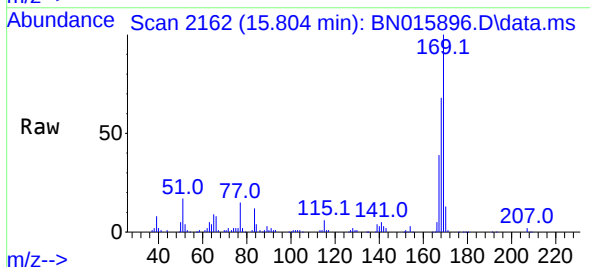
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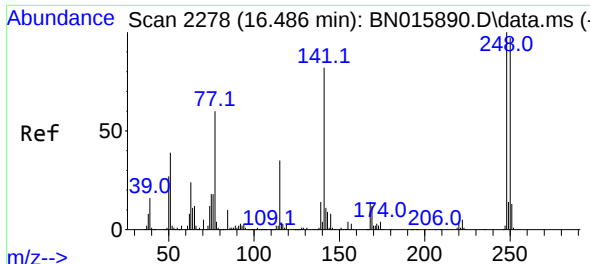
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#67  
N-Nitrosodiphenylamine  
Concen: 4.706 ng/ul  
RT: 15.804 min Scan# 2162  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

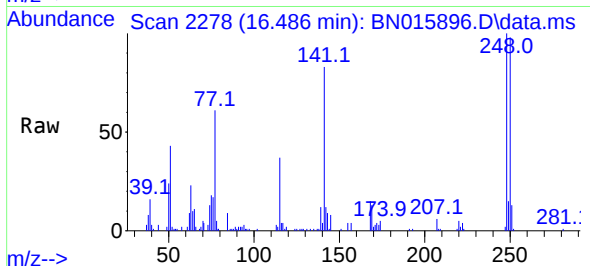
Tgt Ion:169 Resp: 215515  
Ion Ratio Lower Upper  
169 100  
168 67.7 53.5 80.3  
167 39.2 27.9 41.9





#68  
4-Bromophenyl-phenylether  
Concen: 4.691 ng/ul  
RT: 16.486 min Scan# 2278  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

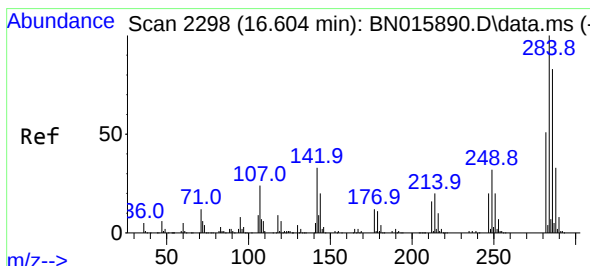
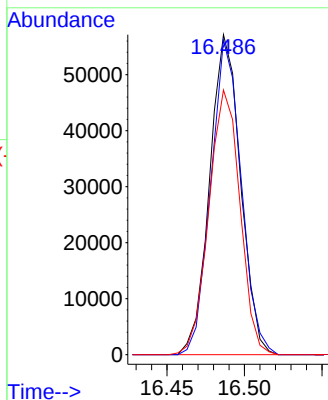
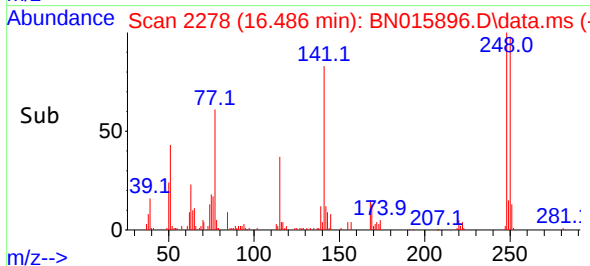
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



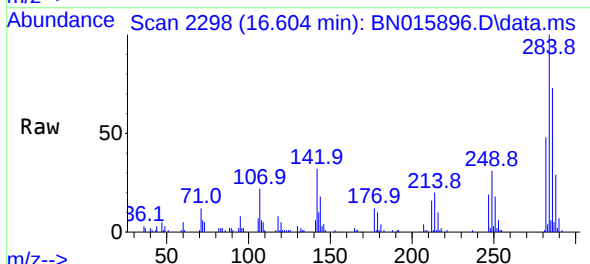
Tgt Ion:248 Resp: 78989  
Ion Ratio Lower Upper  
248 100  
250 98.4 81.1 121.7  
141 82.7 64.7 97.1

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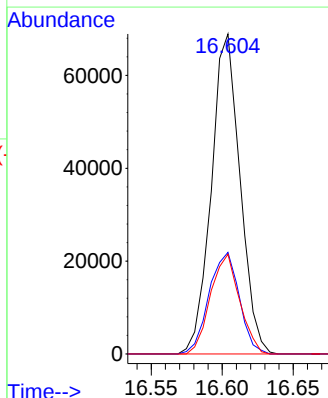
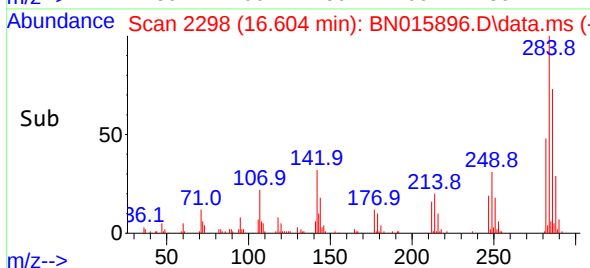
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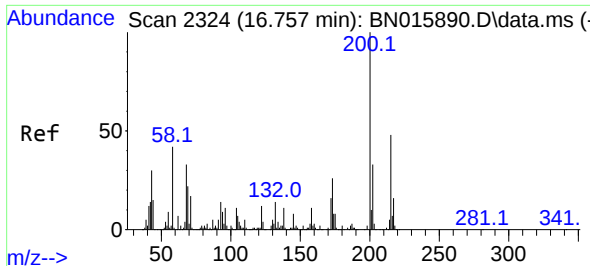


#69  
Hexachlorobenzene  
Concen: 4.938 ng/ul  
RT: 16.604 min Scan# 2298  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



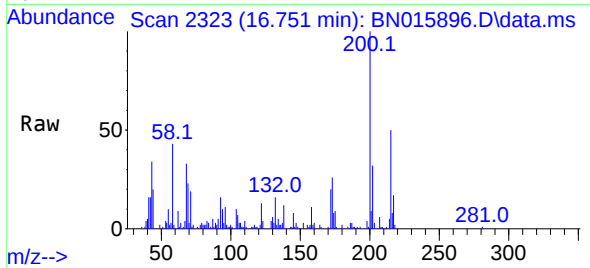
Tgt Ion:284 Resp: 97156  
Ion Ratio Lower Upper  
284 100  
142 31.8 30.3 45.5  
249 31.1 26.3 39.5





#70  
Atrazine  
Concen: 4.107 ng/ul  
RT: 16.751 min Scan# 2323  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

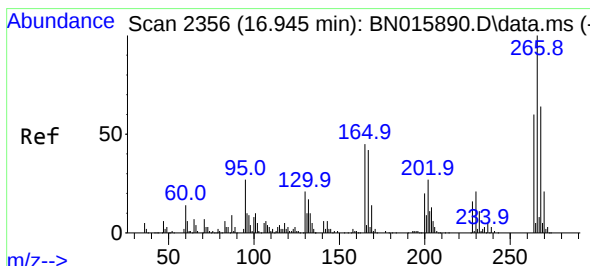
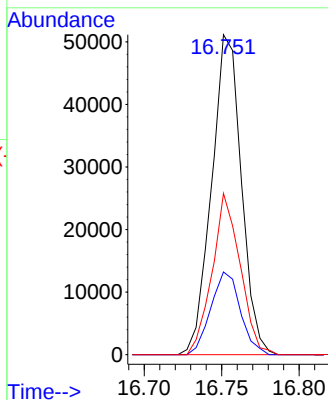
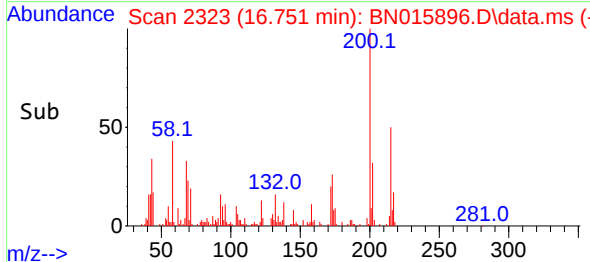
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



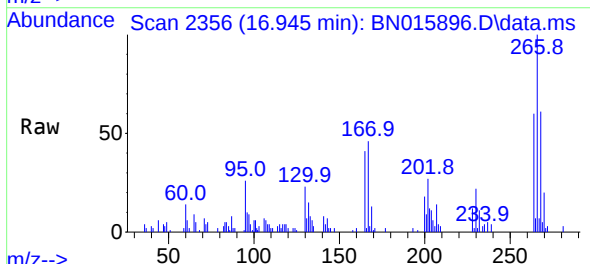
Tgt Ion:200 Resp: 68224  
Ion Ratio Lower Upper  
200 100  
173 25.8 22.2 33.2  
215 50.4 37.6 56.4

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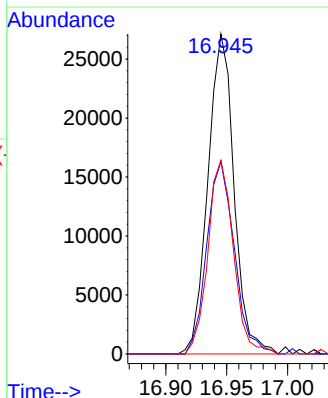
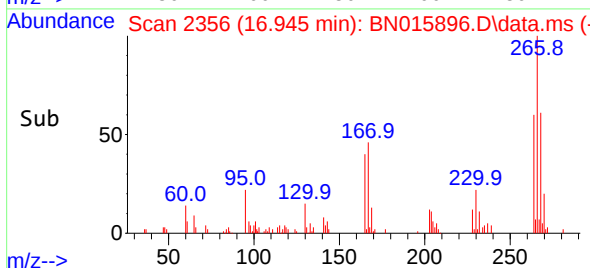
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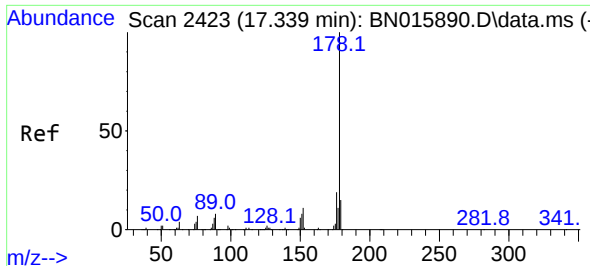


#71  
Pentachlorophenol  
Concen: 3.672 ng/ul  
RT: 16.945 min Scan# 2356  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



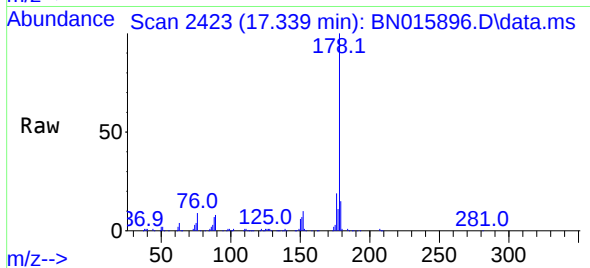
Tgt Ion:266 Resp: 40529  
Ion Ratio Lower Upper  
266 100  
264 60.1 53.8 80.6  
268 60.5 52.7 79.1





#72  
Phenanthrene  
Concen: 4.688 ng/u1  
RT: 17.339 min Scan# 2423  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

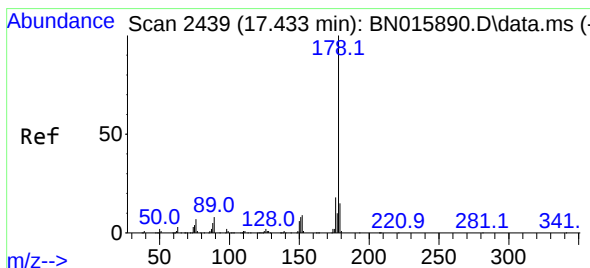
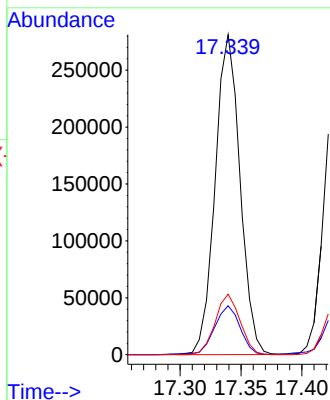
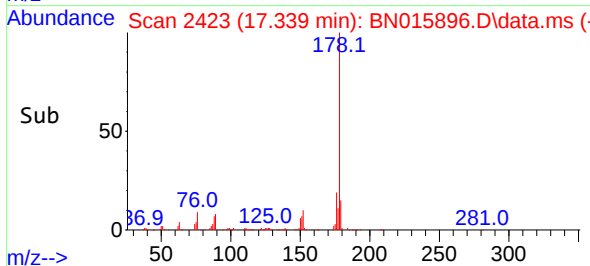
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BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



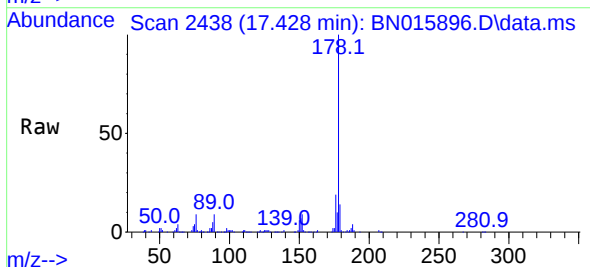
Tgt Ion:178 Resp: 399919  
Ion Ratio Lower Upper  
178 100  
179 15.3 12.5 18.7  
176 18.9 14.6 21.8

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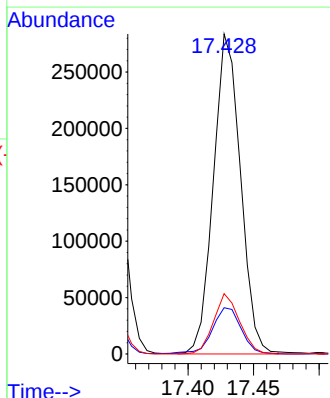
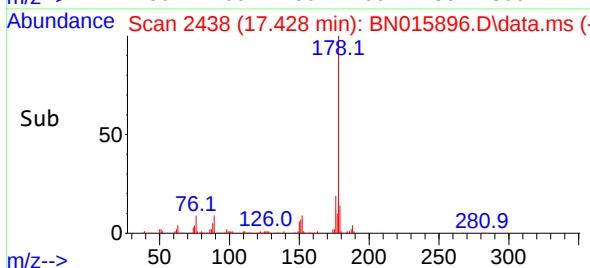
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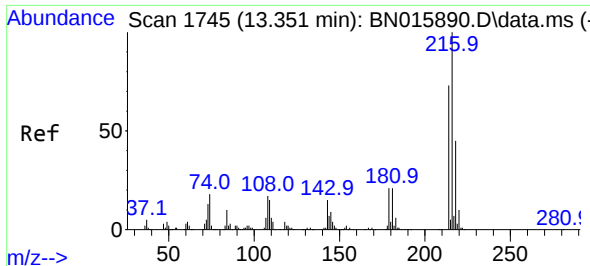


#74  
Anthracene  
Concen: 4.676 ng/u1  
RT: 17.428 min Scan# 2438  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



Tgt Ion:178 Resp: 407248  
Ion Ratio Lower Upper  
178 100  
179 14.5 11.6 17.4  
176 18.9 14.4 21.6





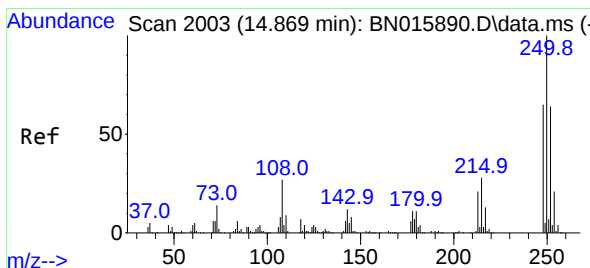
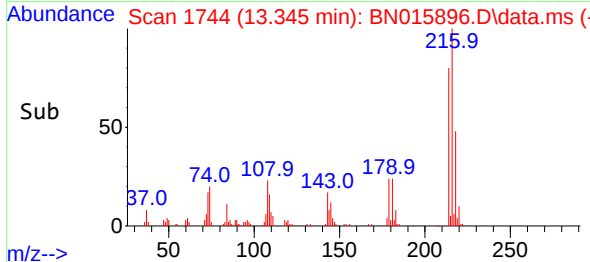
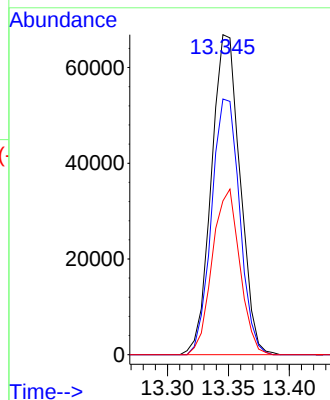
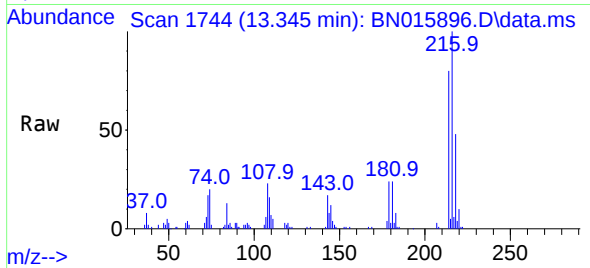
#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 4.430 ng/uL  
RT: 13.345 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:216 Resp: 109482  
Ion Ratio Lower Upper  
216 100  
214 79.9 64.6 97.0  
218 48.0 38.7 58.1

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

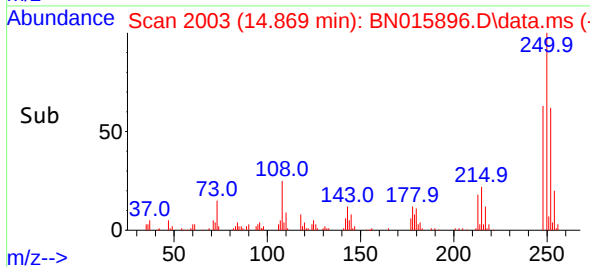
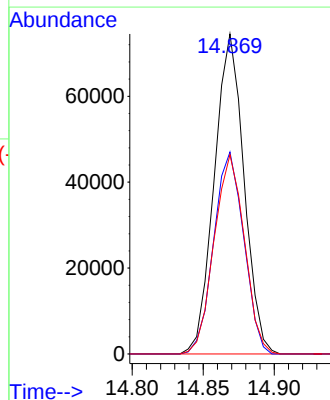
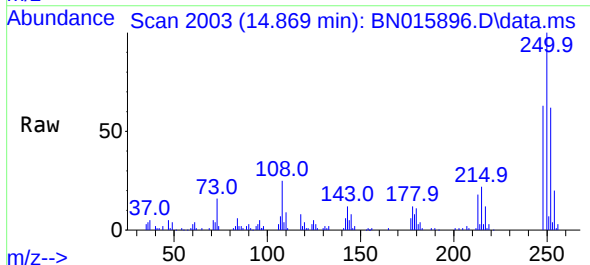
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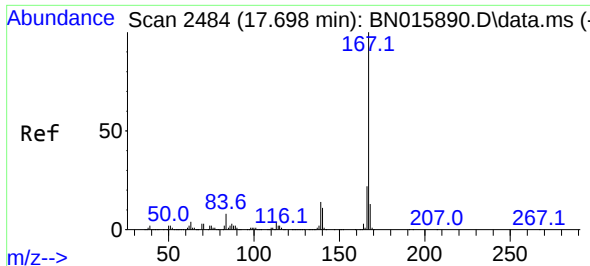
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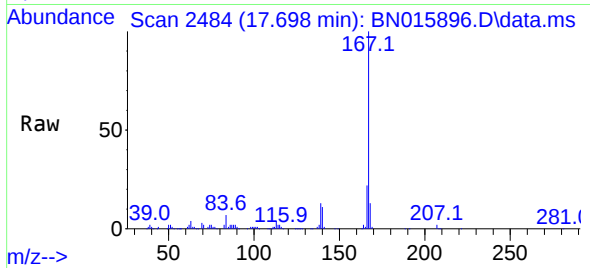
#76  
Pentachlorobenzene  
Concen: 4.503 ng/uL  
RT: 14.869 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:250 Resp: 108330  
Ion Ratio Lower Upper  
250 100  
248 63.1 51.9 77.9  
252 62.3 54.7 82.1



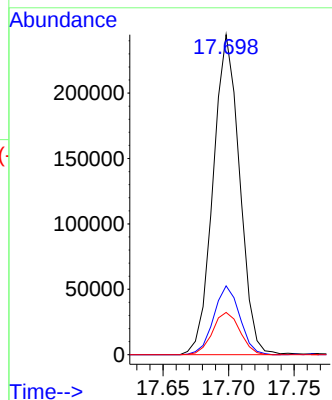


#77  
 Carbazole  
 Concen: 4.483 ng/ul  
 RT: 17.698 min Scan# 2484  
 Delta R.T. -0.000 min  
 Lab File: BN015896.D  
 Acq: 17 Aug 2021 12:36



Tgt Ion:167 Resp: 343275  

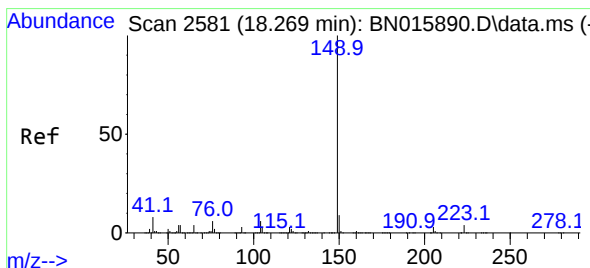
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.5  | 17.1  | 25.7  |
| 139 | 13.2  | 11.6  | 17.4  |



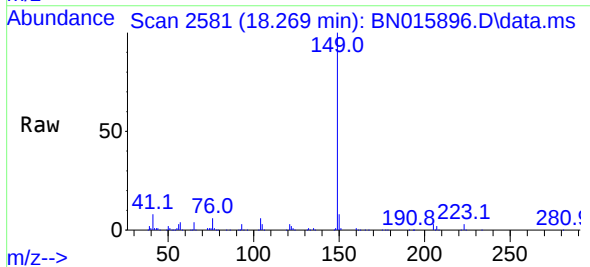
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-MED-SOIL-QT3-2021-06

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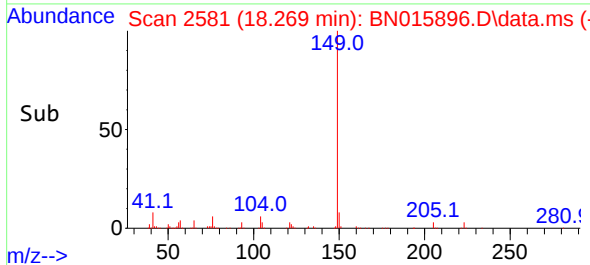
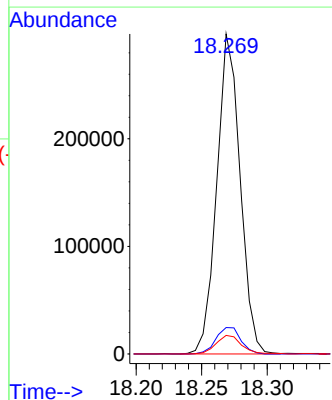


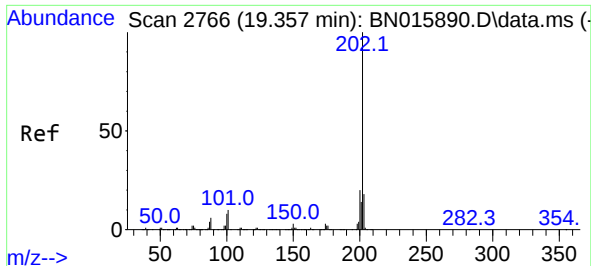
#78  
 Di-n-butylphthalate  
 Concen: 4.220 ng/ul  
 RT: 18.269 min Scan# 2581  
 Delta R.T. -0.000 min  
 Lab File: BN015896.D  
 Acq: 17 Aug 2021 12:36



Tgt Ion:149 Resp: 367380  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 8.2   | 7.5   | 11.3  |
| 104 | 5.8   | 5.0   | 7.4   |





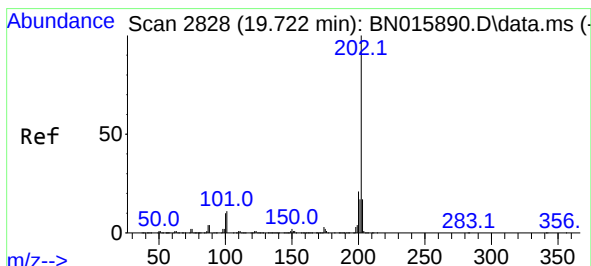
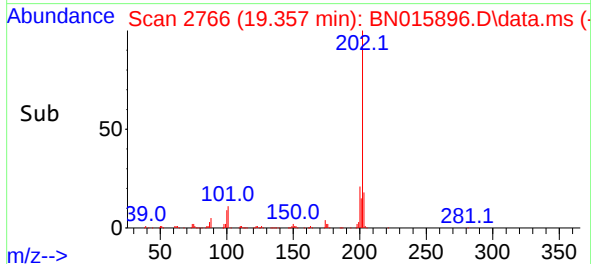
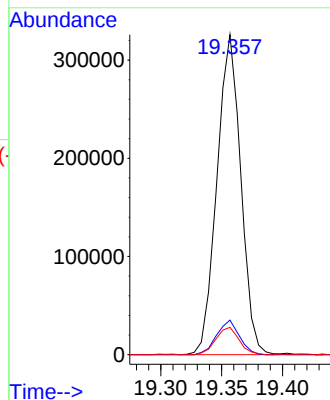
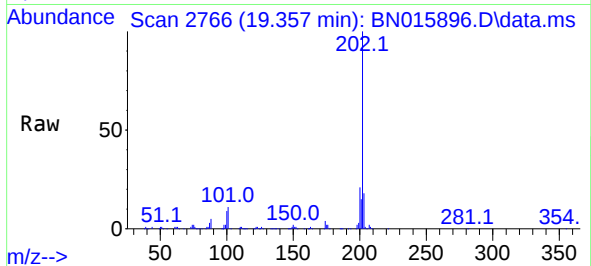
#80  
Fluoranthene  
Concen: 4.345 ng/u1  
RT: 19.357 min Scan# 2766  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:202 Resp: 444353  
Ion Ratio Lower Upper  
202 100  
101 10.8 8.0 12.0  
100 8.5 6.7 10.1

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

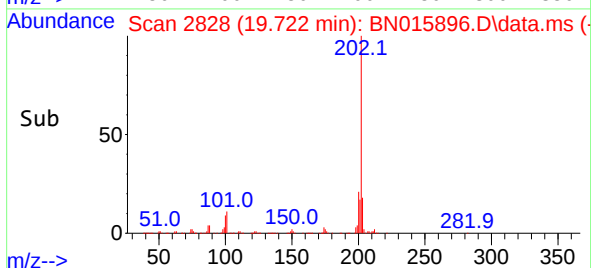
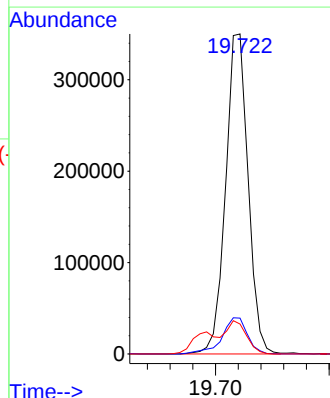
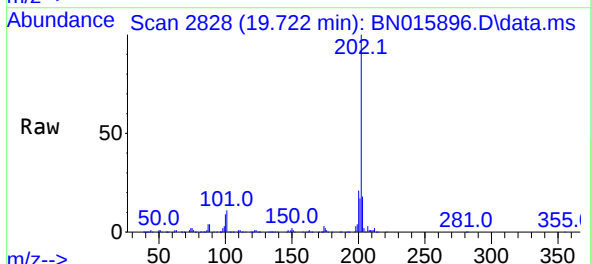
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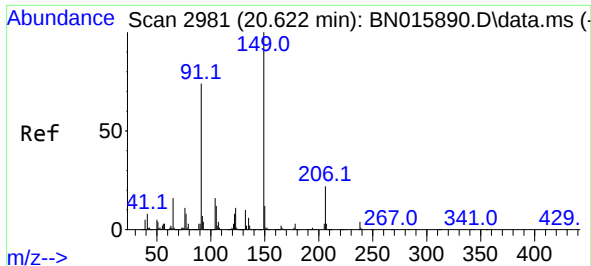
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#82  
Pyrene  
Concen: 4.522 ng/u1  
RT: 19.722 min Scan# 2828  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:202 Resp: 481289  
Ion Ratio Lower Upper  
202 100  
101 11.2 10.1 15.1  
100 9.4 9.2 13.8





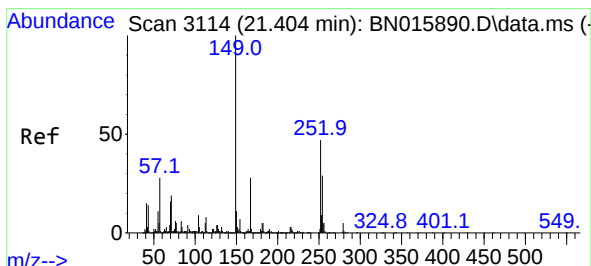
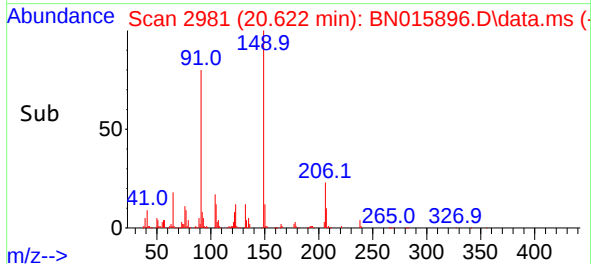
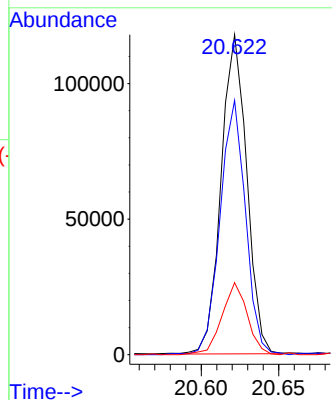
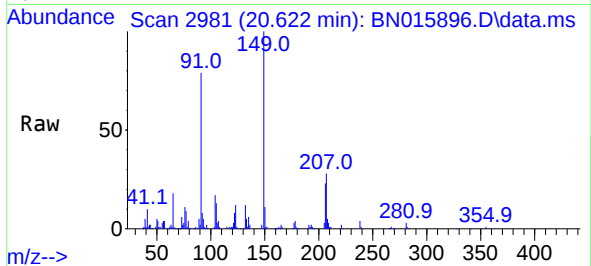
#83  
Butylbenzylphthalate  
Concen: 3.789 ng/ul  
RT: 20.622 min Scan# 2981  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

Tgt Ion:149 Resp: 135629  
Ion Ratio Lower Upper  
149 100  
91 79.4 65.2 97.8  
206 22.5 17.1 25.7

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

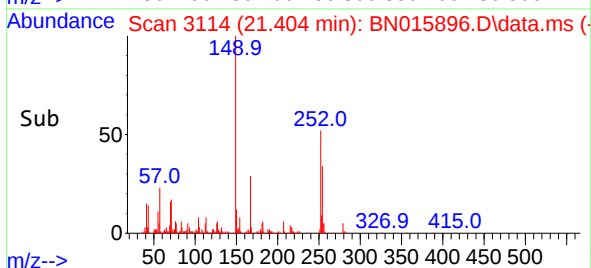
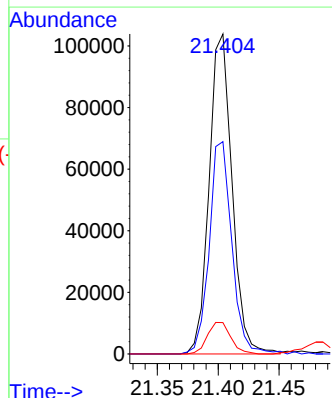
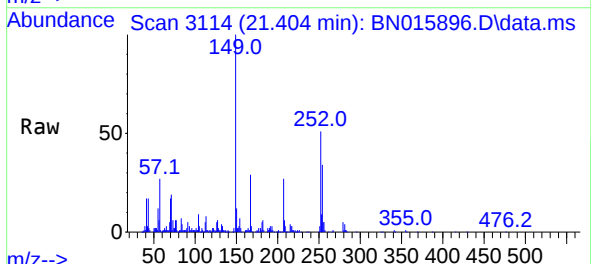
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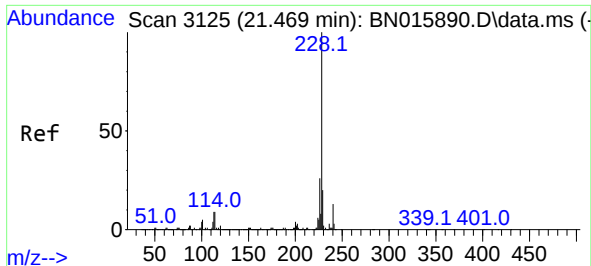
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#84  
3,3'-Dichlorobenzidine  
Concen: 4.237 ng/ul  
RT: 21.404 min Scan# 3114  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

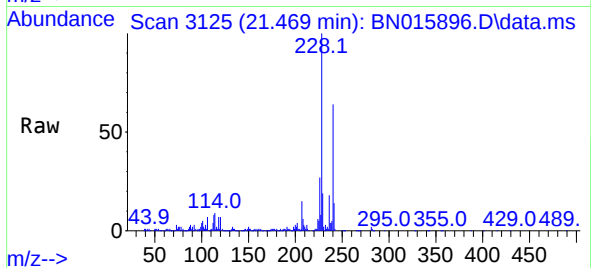
Tgt Ion:252 Resp: 136152  
Ion Ratio Lower Upper  
252 100  
254 66.3 52.0 78.0  
126 9.8 8.5 12.7





#85  
Benzo(a)anthracene  
Concen: 4.628 ng/ul  
RT: 21.469 min Scan# 3125  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

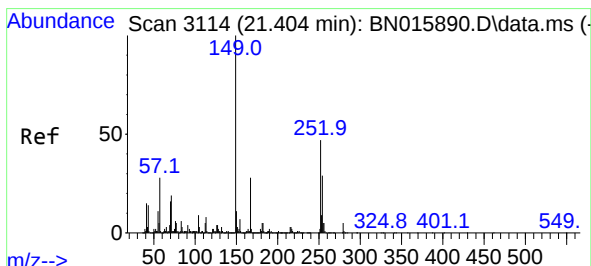
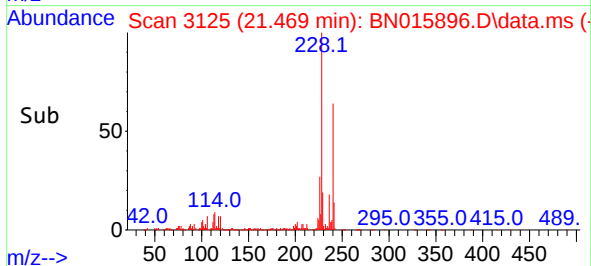
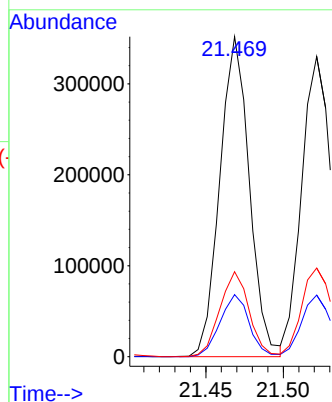
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



Tgt Ion:228 Resp: 467226  
Ion Ratio Lower Upper  
228 100  
229 19.4 14.5 21.7  
226 26.5 20.9 31.3

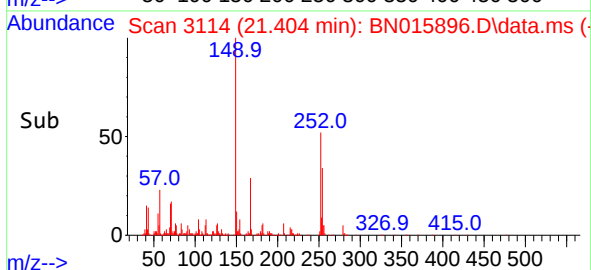
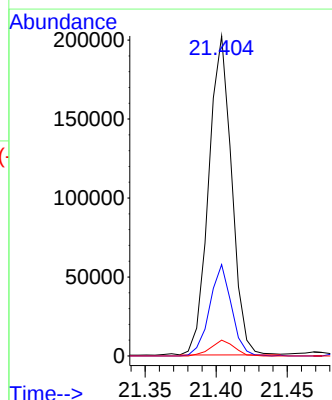
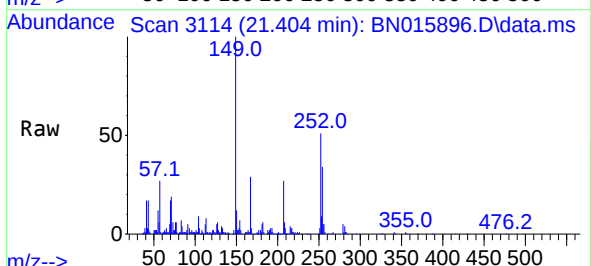
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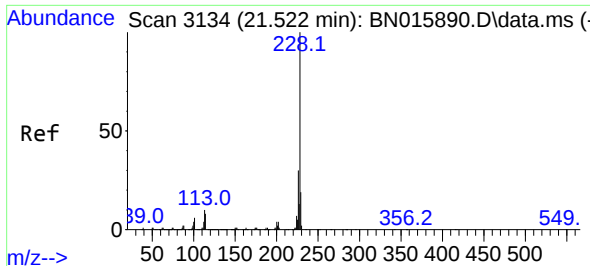
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#86  
Bis(2-ethylhexyl)phthalate  
Concen: 4.004 ng/ul  
RT: 21.404 min Scan# 3114  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

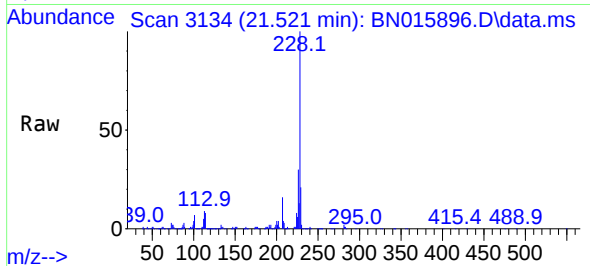
Tgt Ion:149 Resp: 227257  
Ion Ratio Lower Upper  
149 100  
167 28.5 20.6 30.8  
279 5.0 3.4 5.2





#87  
Chrysene  
Concen: 4.586 ng/ul  
RT: 21.521 min Scan# 3134  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

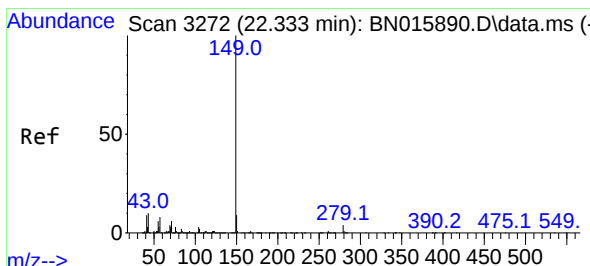
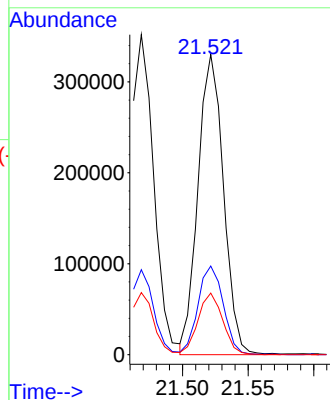
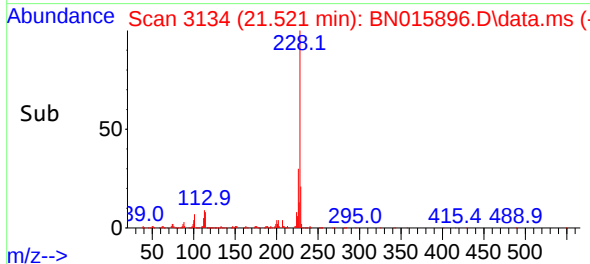
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



Tgt Ion:228 Resp: 448273  
Ion Ratio Lower Upper  
228 100  
226 29.5 24.2 36.2  
229 20.5 15.9 23.9

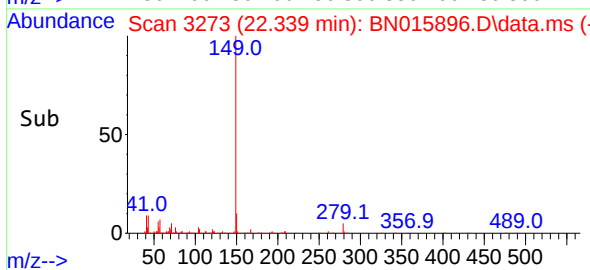
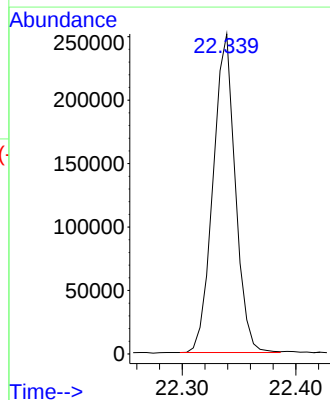
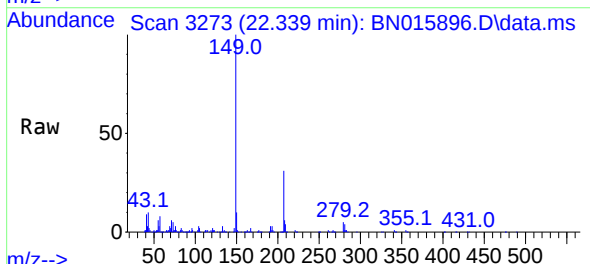
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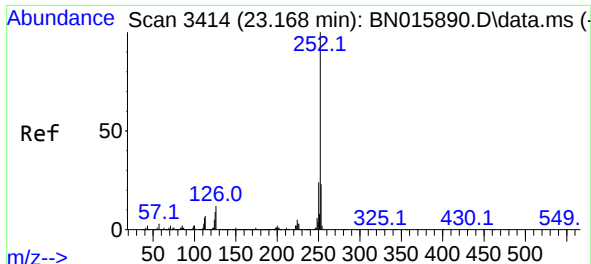
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#89  
Di-n-octyl phthalate  
Concen: 3.566 ng/ul  
RT: 22.339 min Scan# 3273  
Delta R.T. 0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

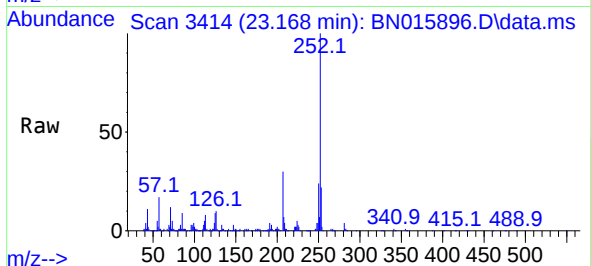
Tgt Ion:149 Resp: 341436





#90  
Benzo(b)fluoranthene  
Concen: 4.682 ng/ul  
RT: 23.168 min Scan# 3414  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

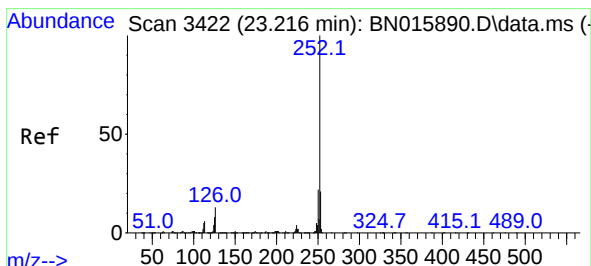
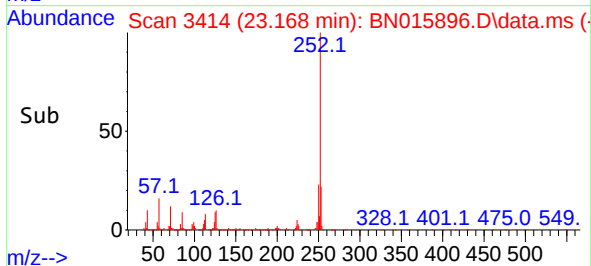
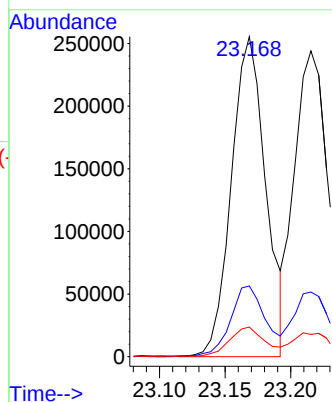
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



Tgt Ion:252 Resp: 465670  
Ion Ratio Lower Upper  
252 100  
253 22.1 16.6 25.0  
125 9.3 7.1 10.7

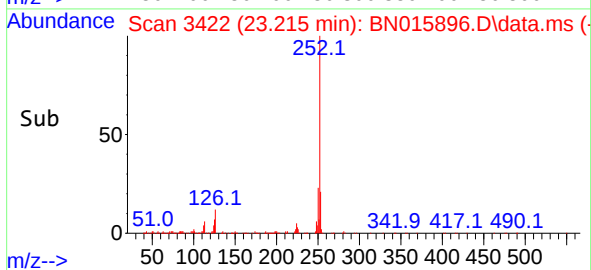
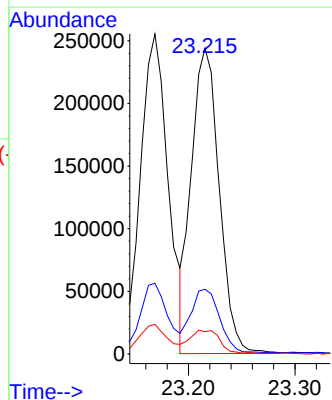
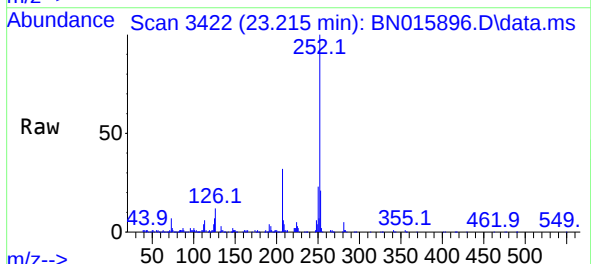
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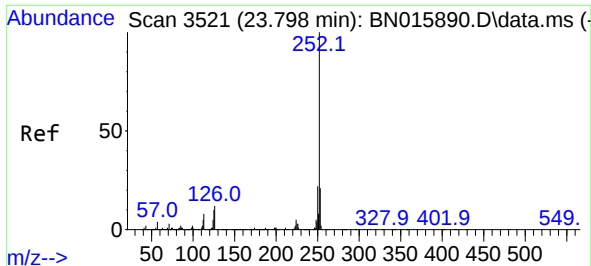
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#91  
Benzo(k)fluoranthene  
Concen: 4.468 ng/ul  
RT: 23.215 min Scan# 3422  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

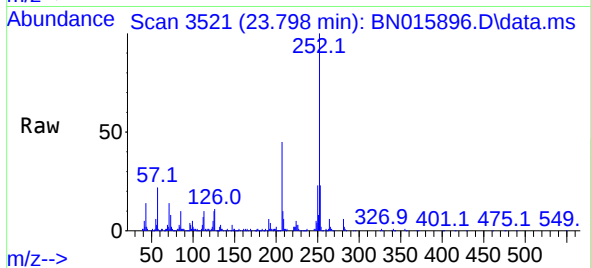
Tgt Ion:252 Resp: 442473  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.7 26.5  
125 7.3 7.0 10.6





#93  
Benzo(a)pyrene  
Concen: 4.507 ng/ul  
RT: 23.798 min Scan# 3521  
Delta R.T. -0.000 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

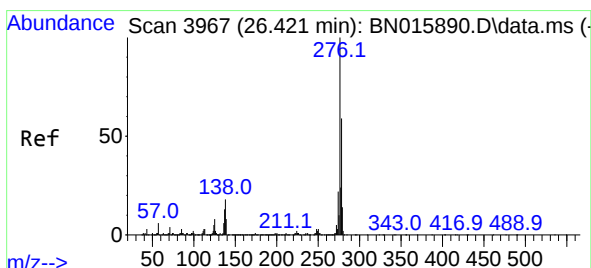
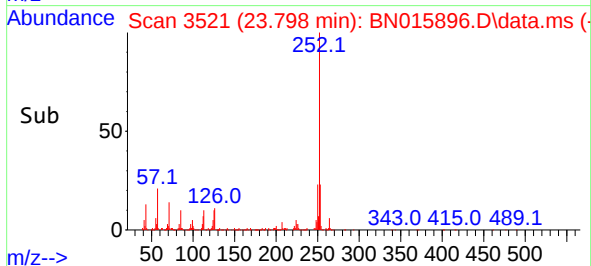
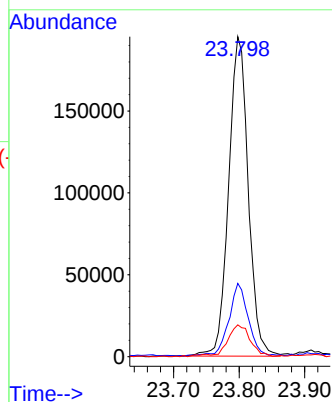
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



Tgt Ion:252 Resp: 405747  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.0 27.0  
125 9.9 7.2 10.8

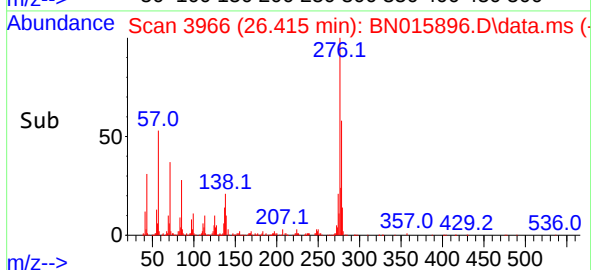
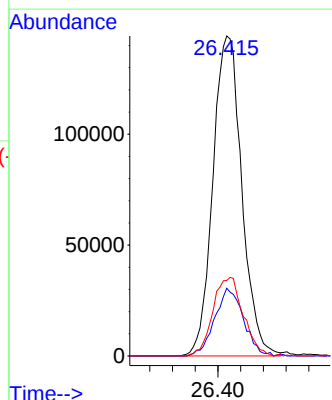
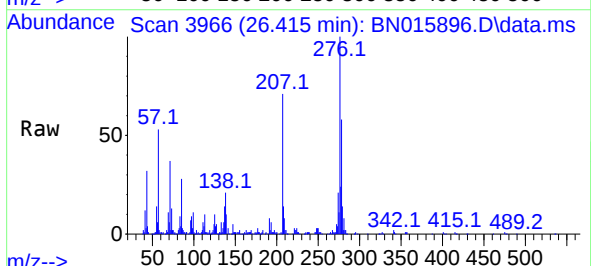
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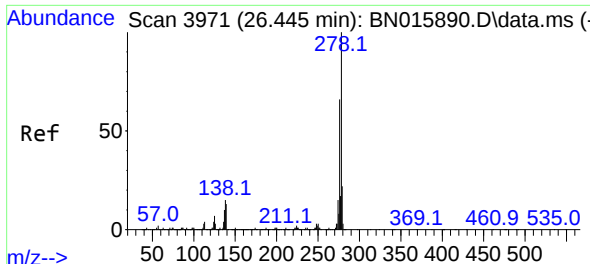
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#94  
Indeno(1,2,3-cd)pyrene  
Concen: 4.560 ng/ul  
RT: 26.415 min Scan# 3966  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

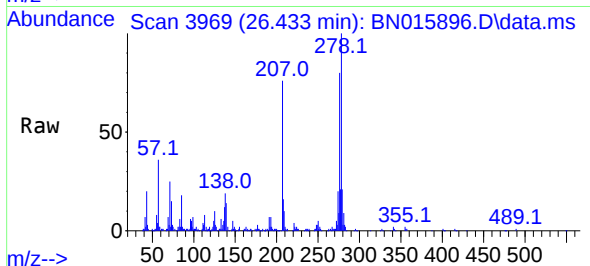
Tgt Ion:276 Resp: 509039  
Ion Ratio Lower Upper  
276 100  
138 21.2 15.9 23.9  
277 23.6 19.5 29.3





#95  
Dibenzo(a,h)anthracene  
Concen: 4.633 ng/ul  
RT: 26.433 min Scan# 3969  
Delta R.T. -0.012 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36

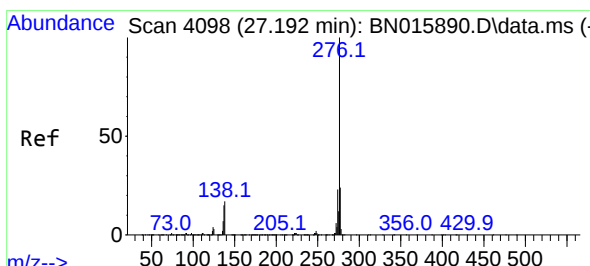
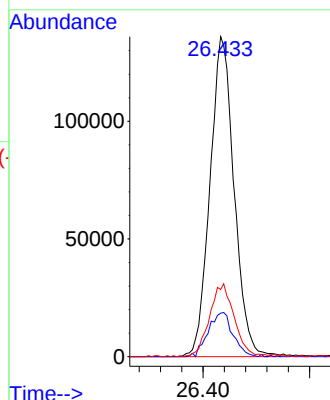
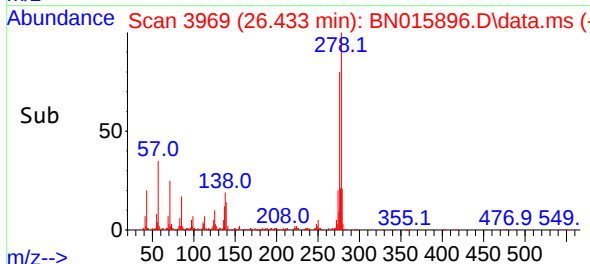
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



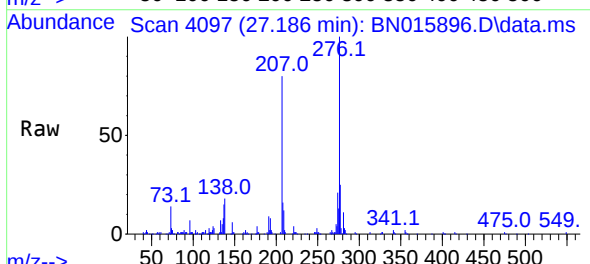
Tgt Ion:278 Resp: 426934  
Ion Ratio Lower Upper  
278 100  
139 13.6 11.0 16.6  
279 21.0 19.9 29.9

Manual Integrations  
APPROVED

mohammad  
8/19/2021 1:25:06 PM



#96  
Benzo(g,h,i)perylene  
Concen: 4.533 ng/ul  
RT: 27.186 min Scan# 4097  
Delta R.T. -0.006 min  
Lab File: BN015896.D  
Acq: 17 Aug 2021 12:36



Tgt Ion:276 Resp: 418360  
Ion Ratio Lower Upper  
276 100  
138 17.8 13.4 20.0  
277 25.3 18.5 27.7

