

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP030521\  
 Data File : BP004926.D  
 Acq On : 05 Mar 2021 20:40  
 Operator : CG/JU  
 Sample : M1534-19  
 Misc : SOM-MDL-ME-S-05  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-ME-SOIL-05

Manual Integrations  
 APPROVED

mohammad  
 3/8/2021 9:36:55 AM

Quant Time: Mar 05 23:31:35 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP030521MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 05 22:20:13 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 28201    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.53 | 136  | 117378   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.39 | 164  | 81004    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.15 | 188  | 183485   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.24 | 240  | 207397   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.53 | 264  | 205771   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 3688   | 5.31  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.91  | 99  | 82945  | 38.47 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.07  | 67  | 48349  | 43.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.27  | 132 | 67680  | 39.37 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.45  | 113 | 67266  | 38.61 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.89  | 128 | 31489  | 37.37 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.61  | 143 | 36903  | 38.33 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.15 | 165 | 65323  | 34.49 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.67 | 131 | 85790  | 41.48 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.80 | 166 | 223340 | 38.33 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.08 | 160 | 264756 | 36.92 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.60 | 143 | 34791  | 34.00 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.39 | 176 | 195358 | 37.62 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 39447  | 32.84 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.25 | 188 | 306620 | 37.22 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.49 | 212 | 360335 | 38.54 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.39 | 264 | 416252 | 39.80 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       | Ovalue |           |
|--------------------------------|-------|-----|-------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.27  | 88  | 562   | 0.827  | ng/uL# 94 |
| 4) Benzaldehyde                | 6.88  | 77  | 6298  | 5.837  | ng/ul 93  |
| 6) Phenol                      | 6.93  | 94  | 8608  | 3.813  | ng/ul 91  |
| 8) Bis(2-Chloroethyl)ether     | 7.16  | 93  | 6961  | 4.174  | ng/ul 89  |
| 10) 2-Chlorophenol             | 7.30  | 128 | 7062  | 3.940  | ng/ul 92  |
| 11) 2-Methylphenol             | 8.18  | 108 | 6060  | 3.515  | ng/ul 98  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.27  | 45  | 7076  | 4.183  | ng/ul# 90 |
| 14) Acetophenone               | 8.56  | 105 | 11316 | 3.935  | ng/ul 96  |
| 15) N-Nitroso-di-n-propylamine | 8.55  | 70  | 5479  | 4.066  | ng/ul 99  |
| 16) 4-Methylphenol             | 8.51  | 108 | 7373  | 3.989  | ng/ul 98  |
| 17) Hexachloroethane           | 8.80  | 117 | 3063  | 3.894  | ng/ul# 82 |
| 20) Nitrobenzene               | 8.93  | 77  | 9287  | 4.236  | ng/ul 98  |
| 21) Isophorone                 | 9.46  | 82  | 14015 | 3.746  | ng/ul# 93 |
| 23) 2-Nitrophenol              | 9.65  | 139 | 3931  | 3.788  | ng/ul 93  |
| 24) 2,4-Dimethylphenol         | 9.71  | 107 | 8665  | 3.719  | ng/ul 96  |
| 25) Bis(2-Chloroethoxy)methane | 9.95  | 93  | 9354  | 4.049  | ng/ul 93  |
| 27) 2,4-Dichlorophenol         | 10.18 | 162 | 7229  | 3.888  | ng/ul 94  |
| 28) Naphthalene                | 10.58 | 128 | 23593 | 3.849  | ng/ul 98  |
| 30) 4-Chloroaniline            | 10.69 | 127 | 9164  | 4.359  | ng/ul 98  |
| 31) Hexachlorobutadiene        | 10.86 | 225 | 5196  | 3.518  | ng/ul# 88 |
| 32) Caprolactam                | 11.50 | 113 | 1780m | 3.057  | ng/ul     |
| 33) 4-Chloro-3-methylphenol    | 11.83 | 107 | 6957  | 3.353  | ng/ul# 77 |
| 34) 2-Methylnaphthalene        | 12.20 | 142 | 16261 | 3.714  | ng/ul 100 |

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 Misc : SOM-MDL-ME-S-05  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleID :  
 MDL-ME-SOIL-05

Manual Integrations  
 APPROVED

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 3/8/2021 9:36:55 AM

Quant Time: Mar 05 23:31:35 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP030521MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 05 22:20:13 2021  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 35) 1-Methylnaphthalene        | 12.42 | 142  | 15862    | 3.740 | ng/ul  | 86       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.57 | 216  | 10041    | 3.567 | ng/ul  | 98       |
| 38) Hexachlorocyclopentadiene  | 12.54 | 237  | 4960     | 2.771 | ng/ul# | 96       |
| 39) 2,4,6-Trichlorophenol      | 12.82 | 196  | 5402     | 3.256 | ng/ul  | 95       |
| 40) 2,4,5-Trichlorophenol      | 12.89 | 196  | 5585     | 3.087 | ng/ul  | 88       |
| 41) 1,1'-Biphenyl              | 13.22 | 154  | 21523    | 3.619 | ng/ul# | 94       |
| 42) 2-Chloronaphthalene        | 13.26 | 162  | 17751    | 3.732 | ng/ul  | 94       |
| 43) 2-Nitroaniline             | 13.47 | 65   | 4452     | 3.516 | ng/ul  | 82       |
| 45) Dimethylphthalate          | 13.85 | 163  | 22965    | 3.799 | ng/ul# | 98       |
| 46) 2,6-Dinitrotoluene         | 13.96 | 165  | 3812     | 3.135 | ng/ul  | 92       |
| 48) Acenaphthylene             | 14.10 | 152  | 26128    | 3.825 | ng/ul  | 95       |
| 49) 3-Nitroaniline             | 14.30 | 138  | 3415     | 3.220 | ng/ul# | 85       |
| 50) Acenaphthene               | 14.45 | 153  | 18725    | 3.759 | ng/ul  | 98       |
| 51) 2,4-Dinitrophenol          | 14.51 | 184  | 1823     | 2.222 | ng/ul  | 90       |
| 53) 4-Nitrophenol              | 14.62 | 109  | 4574     | 4.258 | ng/ul# | 75       |
| 54) Dibenzofuran               | 14.79 | 168  | 27215    | 3.725 | ng/ul  | 95       |
| 55) 2,4-Dinitrotoluene         | 14.76 | 165  | 6108     | 3.462 | ng/ul# | 88       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.02 | 232  | 5553     | 3.285 | ng/ul# | 96       |
| 57) Diethylphthalate           | 15.22 | 149  | 22408    | 3.750 | ng/ul  | 96       |
| 59) Fluorene                   | 15.44 | 166  | 22009    | 3.601 | ng/ul  | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.44 | 204  | 12732    | 3.750 | ng/ul  | 100      |
| 61) 4-Nitroaniline             | 15.47 | 138  | 4059     | 3.319 | ng/ul  | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.52 | 198  | 4386     | 3.617 | ng/ul# | 77       |
| 65) N-Nitrosodiphenylamine     | 15.66 | 169  | 18648    | 3.589 | ng/ul  | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.34 | 248  | 7028     | 3.350 | ng/ul  | 95       |
| 67) Hexachlorobenzene          | 16.45 | 284  | 8387     | 3.488 | ng/ul  | 94       |
| 68) Atrazine                   | 16.61 | 200  | 6665     | 3.158 | ng/ul# | 88       |
| 69) Pentachlorophenol          | 16.80 | 266  | 3853     | 2.589 | ng/ul  | 89       |
| 70) Phenanthrene               | 17.19 | 178  | 36284    | 3.716 | ng/ul  | 98       |
| 72) Anthracene                 | 17.28 | 178  | 38480    | 3.869 | ng/ul  | 97       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.18 | 216  | 10563    | 3.767 | ng/uL# | 84       |
| 74) Pentachlorobenzene         | 14.71 | 250  | 9744     | 3.440 | ng/uL# | 86       |
| 75) Carbazole                  | 17.56 | 167  | 30288    | 3.511 | ng/ul  | 96       |
| 76) Di-n-butylphthalate        | 18.12 | 149  | 33627    | 3.418 | ng/ul  | 98       |
| 77) Fluoranthene               | 19.16 | 202  | 42664    | 3.549 | ng/ul  | 99       |
| 80) Pvrene                     | 19.52 | 202  | 46974    | 3.906 | ng/ul  | 97       |
| 81) Butylbenzylphthalate       | 20.39 | 149  | 14346    | 3.387 | ng/ul  | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.16 | 252  | 14575    | 3.377 | ng/ul  | 98       |
| 83) Benzo(a)anthracene         | 21.22 | 228  | 46830    | 3.748 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.15 | 149  | 21273    | 3.358 | ng/ul# | 97       |
| 85) Chrysene                   | 21.27 | 228  | 47509    | 3.908 | ng/ul  | 97       |
| 87) Di-n-octyl phthalate       | 22.04 | 149  | 37237    | 3.224 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.83 | 252  | 48474    | 3.807 | ng/ul  | 97       |
| 89) Benzo(k)fluoranthene       | 22.88 | 252  | 47093    | 3.733 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 23.43 | 252  | 43162    | 3.832 | ng/ul  | 96       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.88 | 276  | 53339    | 3.660 | ng/ul  | 95       |
| 93) Dibenzo(a,h)anthracene     | 25.89 | 278  | 44361    | 3.562 | ng/ul# | 92       |
| 94) Benzo(a,h,i)perylene       | 26.60 | 276  | 44775    | 3.683 | ng/ul  | 93       |
| -----                          |       |      |          |       |        |          |

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Manual Integrations  
APPROVED

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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

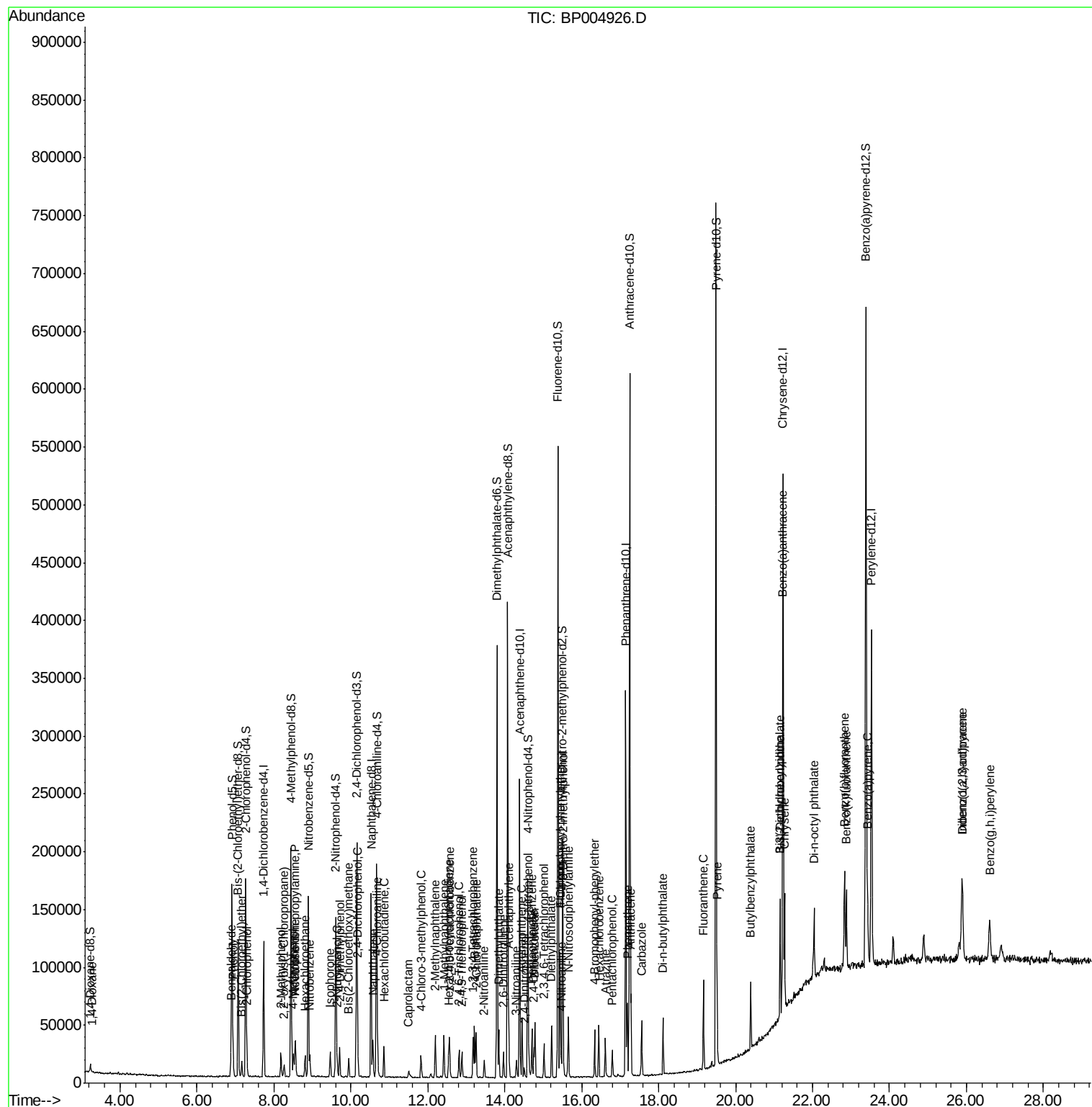
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030521\  
Data File : BP004926.D  
Acq On : 05 Mar 2021 20:40  
Operator : CG/JU  
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ALS Vial : 21 Sample Multiplier: 1

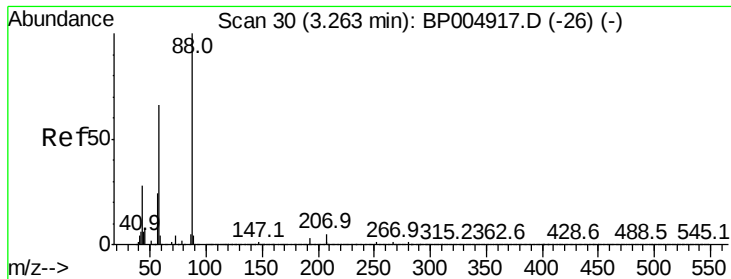
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

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Quant Title : SVOA CALIBRATION  
QLast Update : Fri Mar 05 22:20:13 2021  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.827 ng/uL

RT: 3.27 min Scan# 31

Delta R.T. 0.01 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

Instrument :

BNA\_P

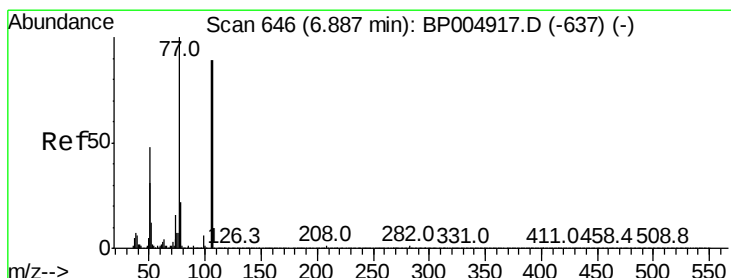
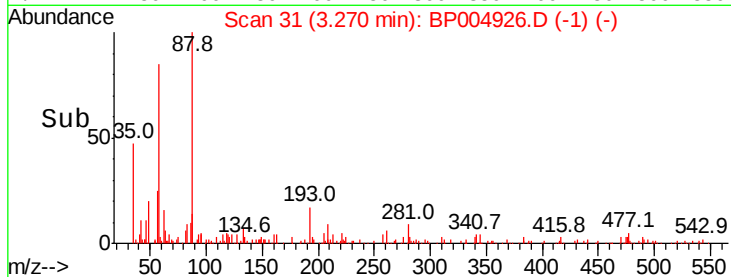
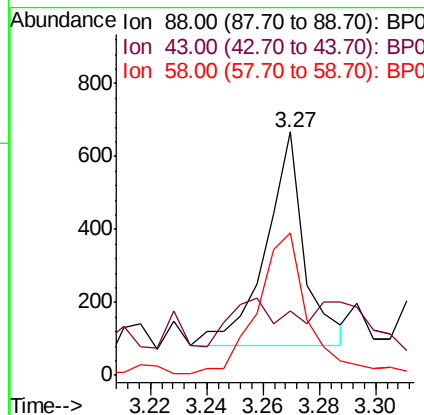
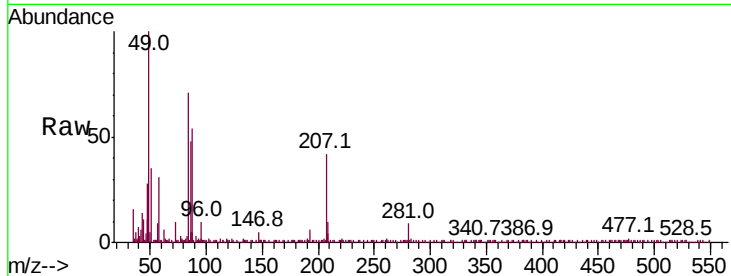
ClientSampleId :

MDL-ME-SOIL-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 88    | Resp: | 562   |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 26.5  | 28.0  | 42.0# |
| 58        | 58.7  | 46.3  | 69.5  |

Manual Integrations  
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#4

Benzaldehyde

Concen: 5.837 ng/uL

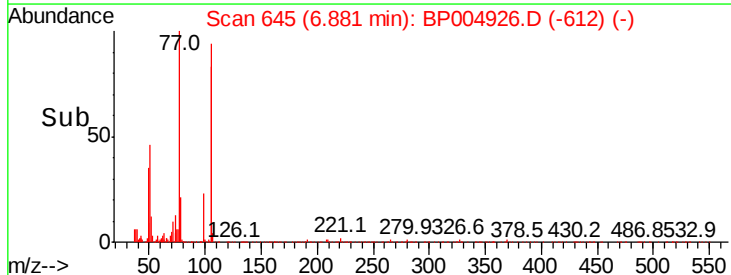
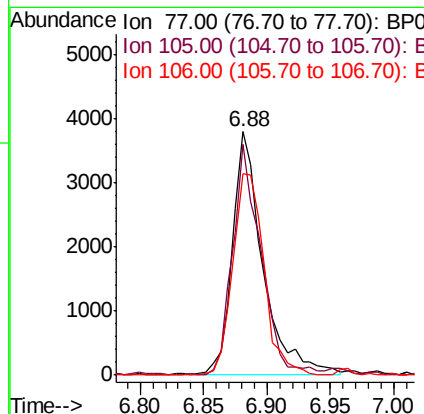
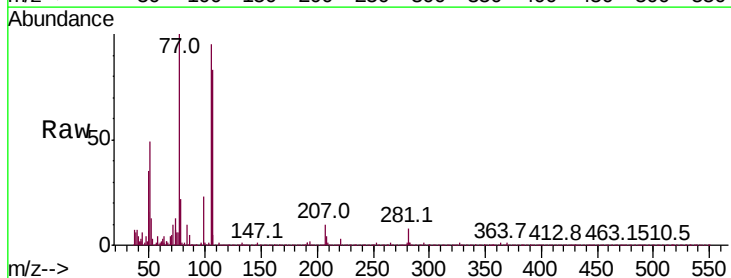
RT: 6.88 min Scan# 645

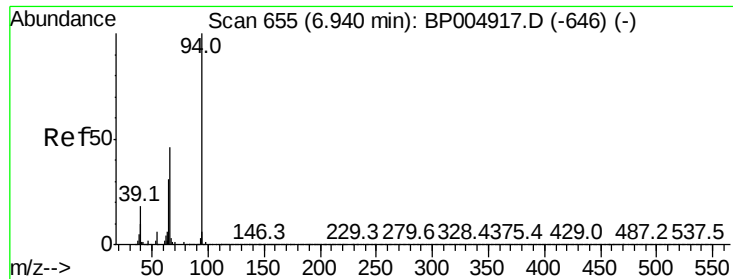
Delta R.T. -0.01 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 6298  |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 94.9  | 71.7  | 107.5 |
| 106       | 82.7  | 72.3  | 108.5 |





#6

Phenol

Concen: 3.813 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. -0.01 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

Instrument :

BNA\_P

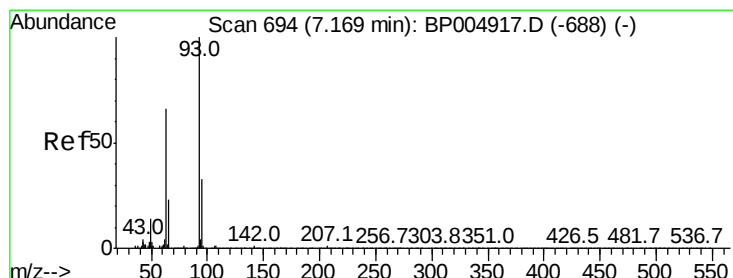
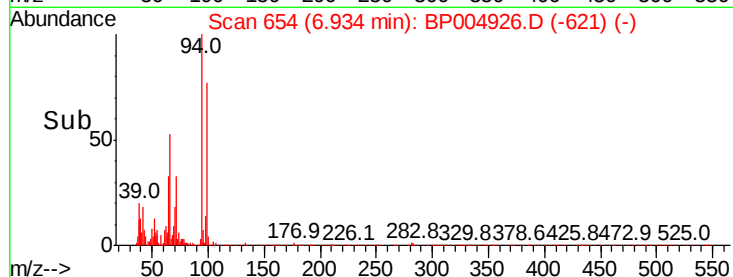
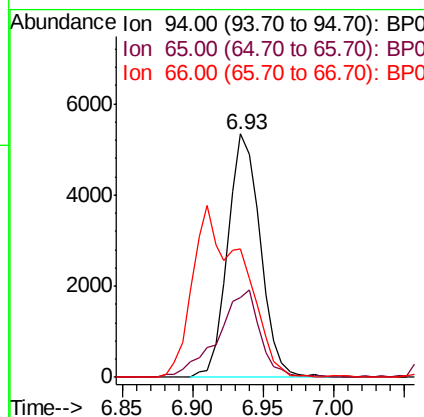
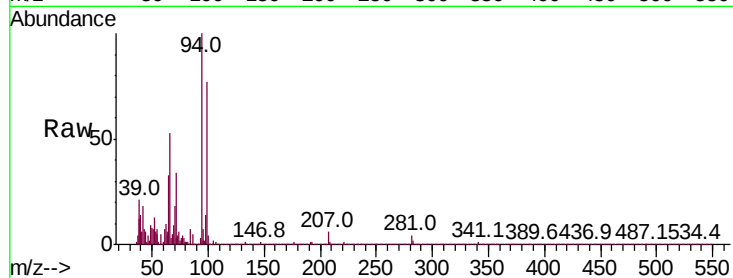
ClientSampleId :

MDL-ME-SOIL-05

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 94    | Resp: | 8608 |
| Ion Ratio | Lower | Upper |      |
| 94        | 100   |       |      |
| 65        | 33.0  | 24.8  | 37.2 |
| 66        | 52.7  | 35.4  | 53.2 |

Manual Integrations  
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#8

Bis(2-Chloroethyl)ether

Concen: 4.174 ng/ul

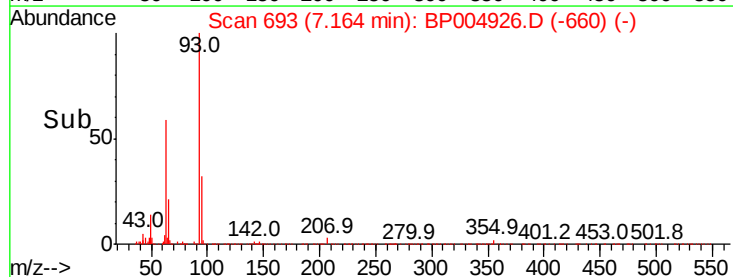
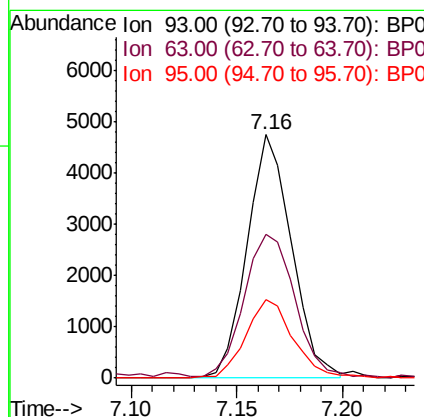
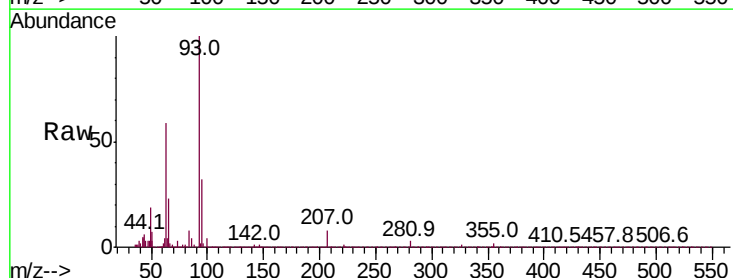
RT: 7.16 min Scan# 693

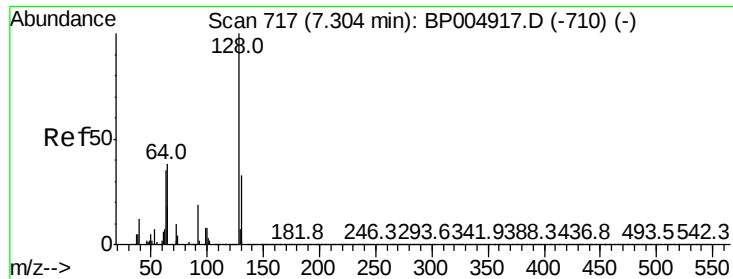
Delta R.T. -0.01 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 93    | Resp: | 6961 |
| Ion Ratio | Lower | Upper |      |
| 93        | 100   |       |      |
| 63        | 59.1  | 57.0  | 85.6 |
| 95        | 32.2  | 26.7  | 40.1 |





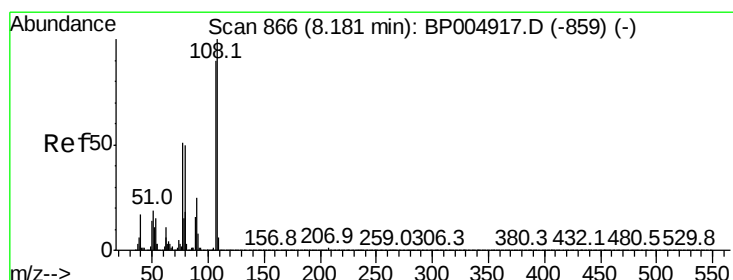
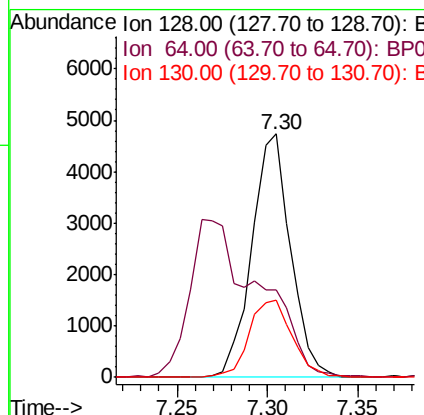
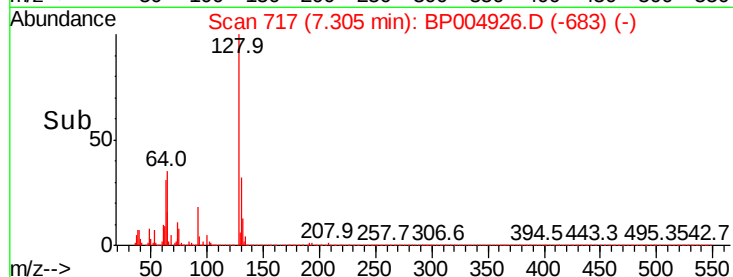
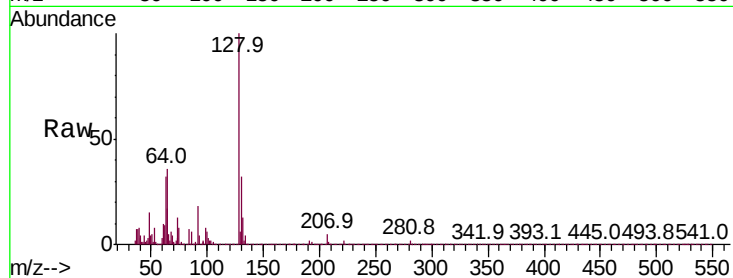
#10  
2-Chlorophenol  
Concen: 3.940 ng/ul  
RT: 7.30 min Scan# 717  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 35.7  | 35.6  | 53.4  |
| 130     | 31.5  | 25.0  | 37.6  |

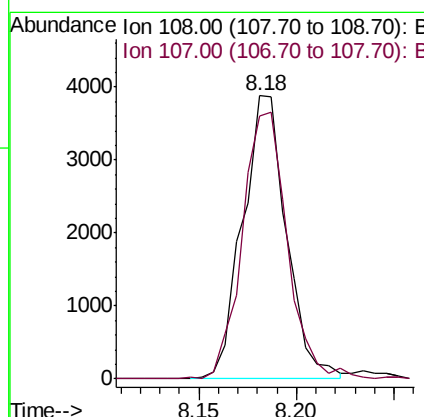
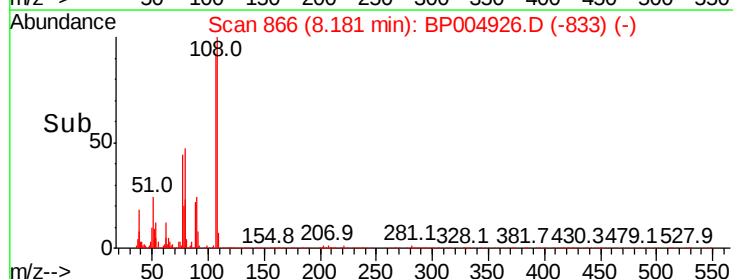
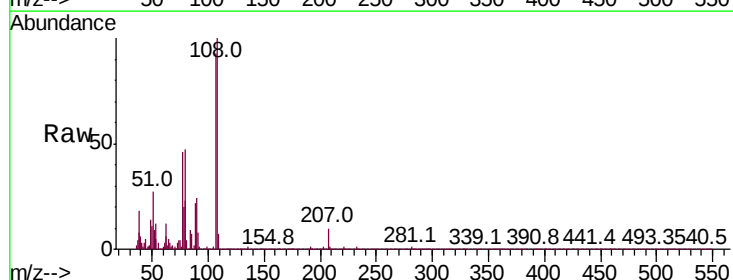
Manual Integrations  
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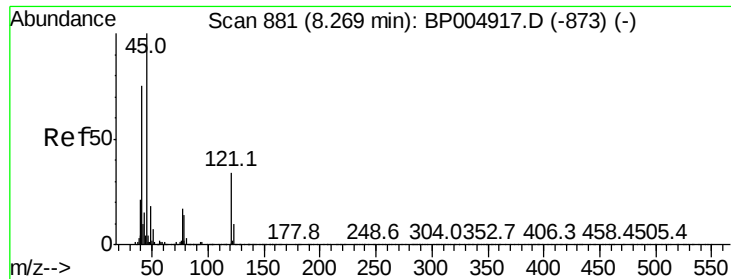
mohammad  
3/8/2021 9:36:55 AM



#11  
2-Methylphenol  
Concen: 3.515 ng/ul  
RT: 8.18 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 92.8  | 72.6  | 109.0 |





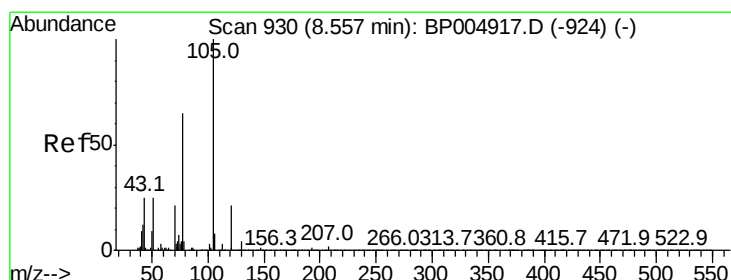
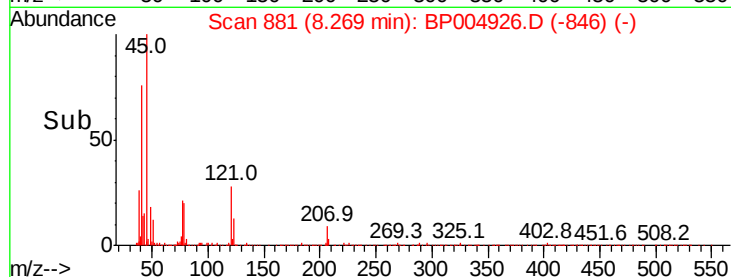
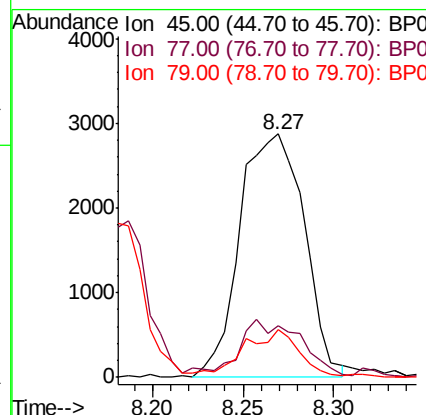
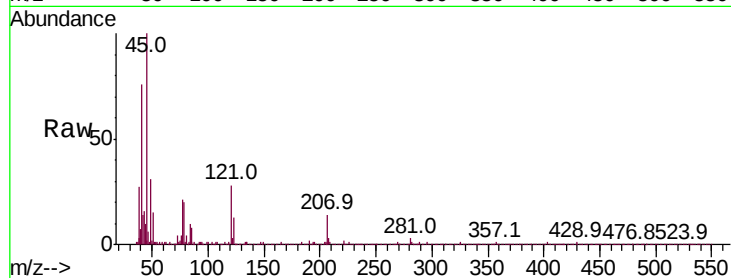
#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 4.183 ng/ul  
RT: 8.27 min Scan# 881  
Delta R.T. 0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 21.5  | 14.8  | 22.2  |
| 79      | 19.7  | 11.0  | 16.4  |

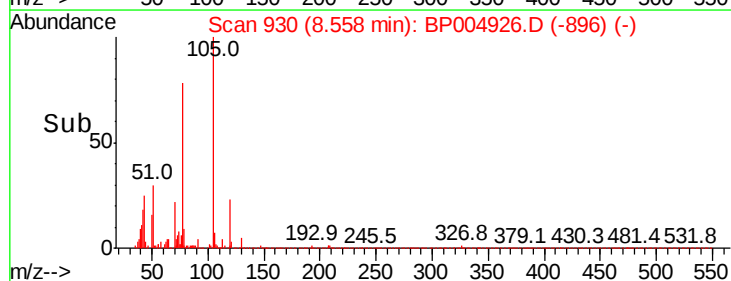
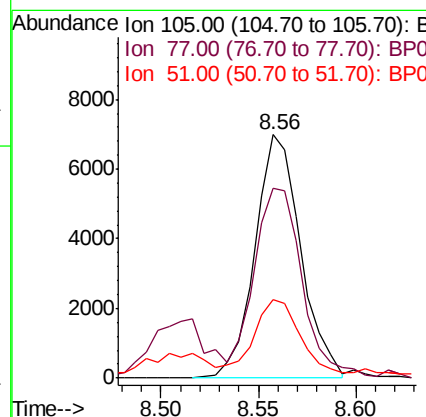
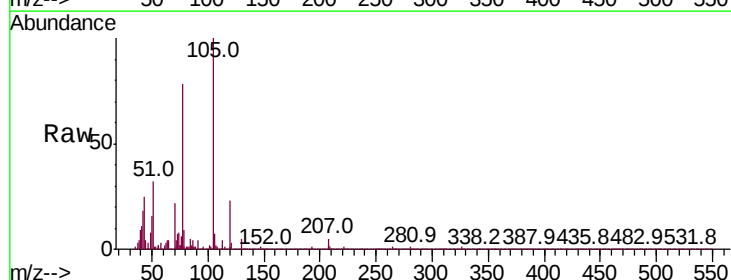
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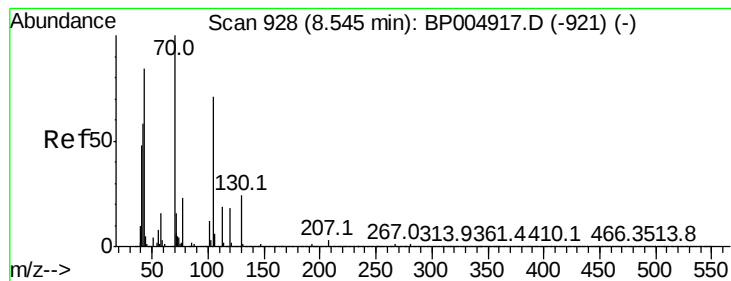
mohammad  
3/8/2021 9:36:55 AM



#14  
Acetophenone  
Concen: 3.935 ng/ul  
RT: 8.56 min Scan# 930  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 78.2  | 61.4  | 92.2  |
| 51      | 32.1  | 22.0  | 33.0  |





#15

N-Nitroso-di-n-propylamine

Concen: 4.066 ng/ul

RT: 8.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

Instrument :

BNA\_P

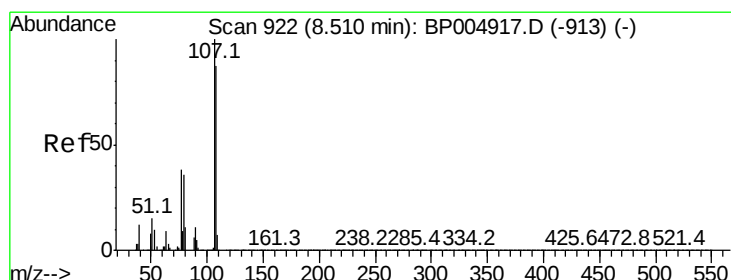
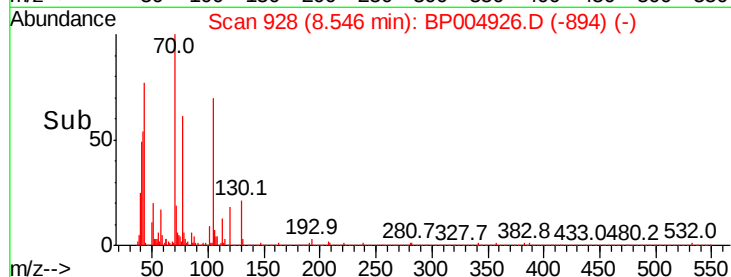
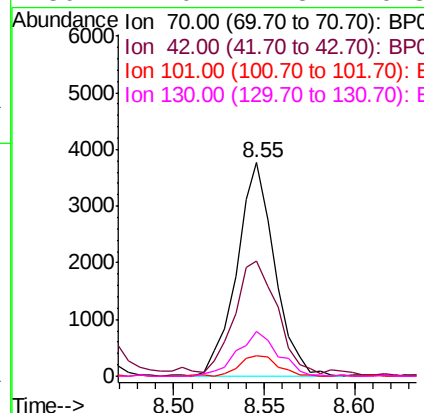
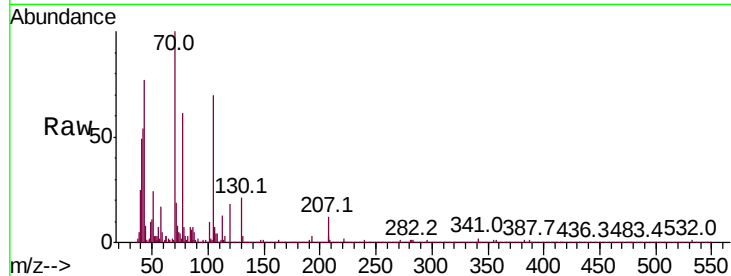
ClientSampleId :

MDL-ME-SOIL-05

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 70    | Resp: | 5479 |
| Ion Ratio | Lower | Upper |      |
| 70        | 100   |       |      |
| 42        | 54.0  | 43.2  | 64.8 |
| 101       | 9.5   | 8.2   | 12.4 |
| 130       | 21.0  | 17.5  | 26.3 |

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#16

4-Methylphenol

Concen: 3.989 ng/ul

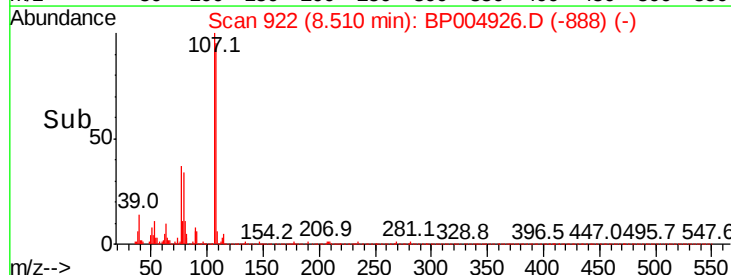
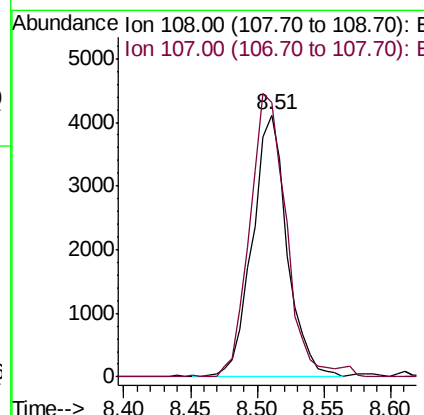
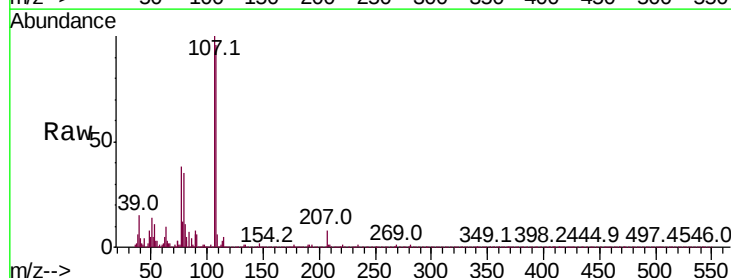
RT: 8.51 min Scan# 922

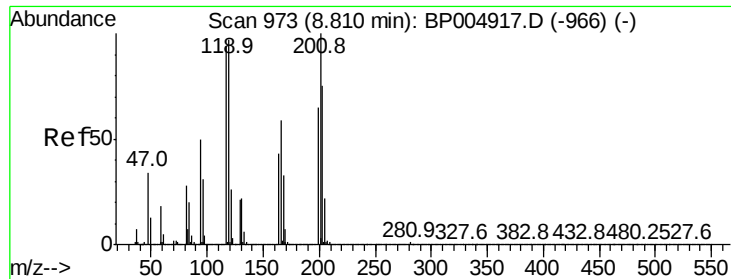
Delta R.T. -0.00 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 108   | Resp: | 7373  |
| Ion Ratio | Lower | Upper |       |
| 108       | 100   |       |       |
| 107       | 104.7 | 85.5  | 128.3 |





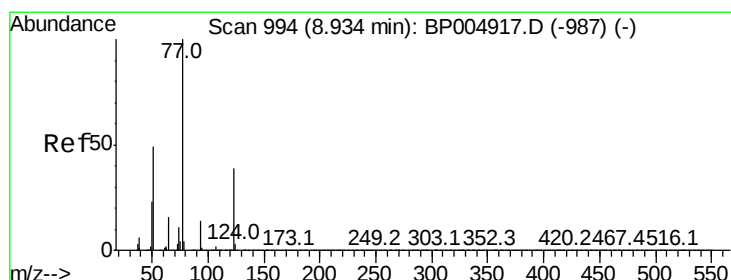
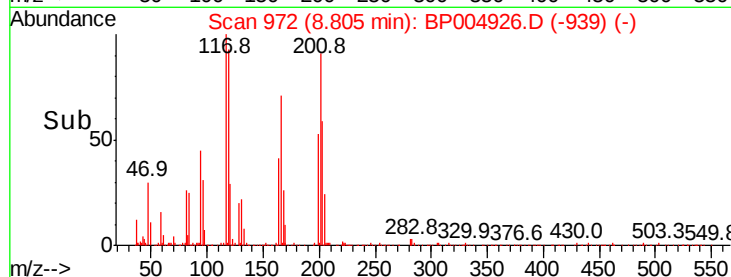
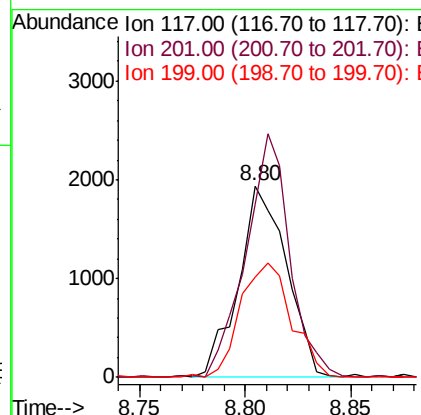
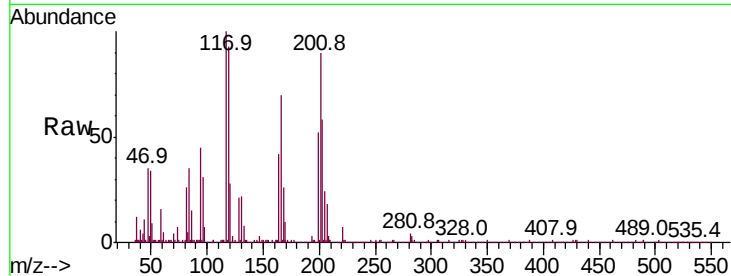
#17  
Hexachloroethane  
Concen: 3.894 ng/ul  
RT: 8.80 min Scan# 972  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 90.2  | 86.0  | 129.0 |
| 199     | 52.4  | 55.7  | 83.5# |

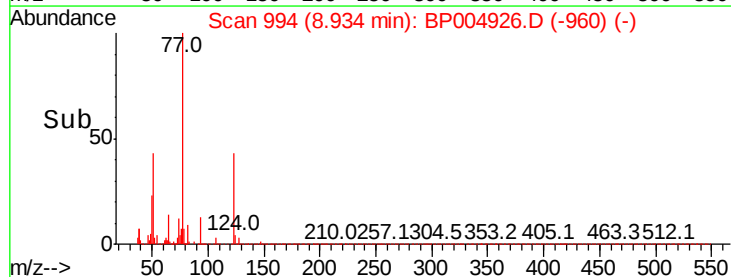
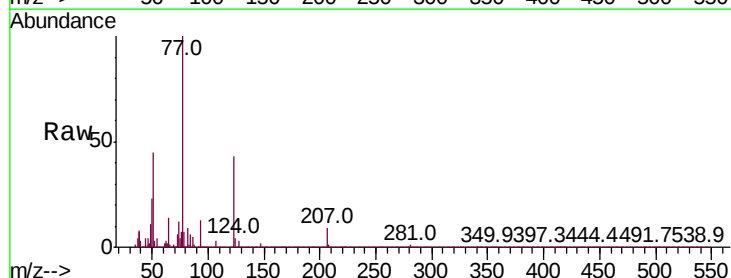
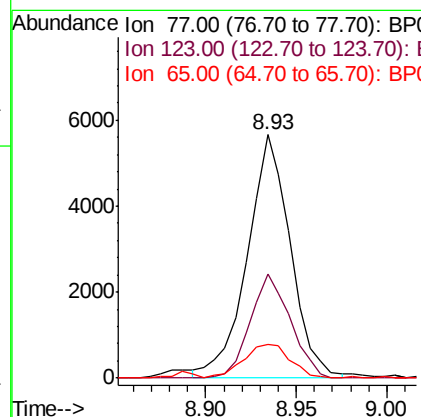
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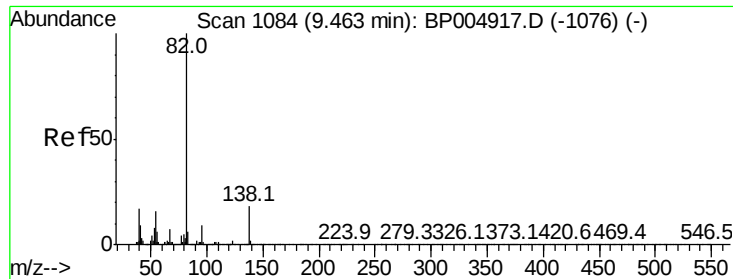
mohammad  
3/8/2021 9:36:55 AM



#20  
Nitrobenzene  
Concen: 4.236 ng/ul  
RT: 8.93 min Scan# 994  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 42.9  | 35.7  | 53.5  |
| 65      | 13.7  | 11.4  | 17.2  |





#21

Isophorone

Concen: 3.746 ng/ul

RT: 9.46 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BP004926.D

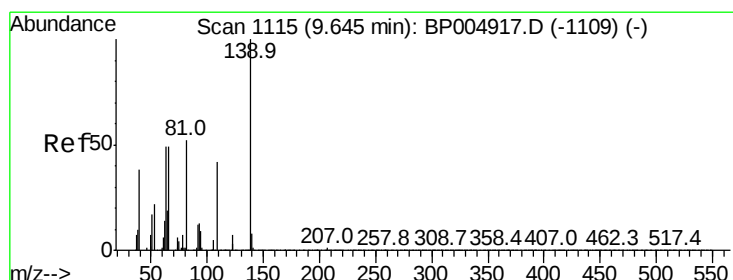
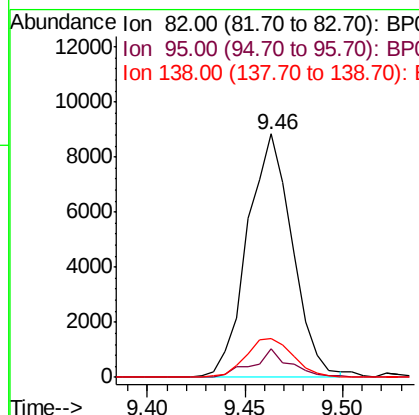
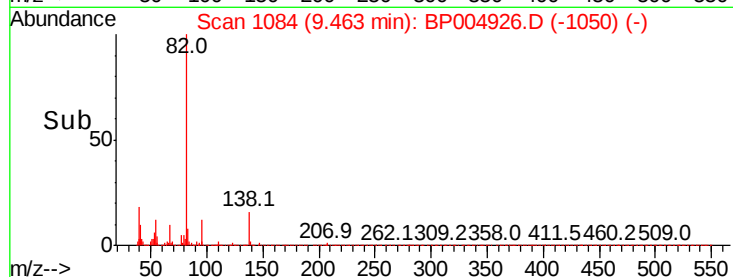
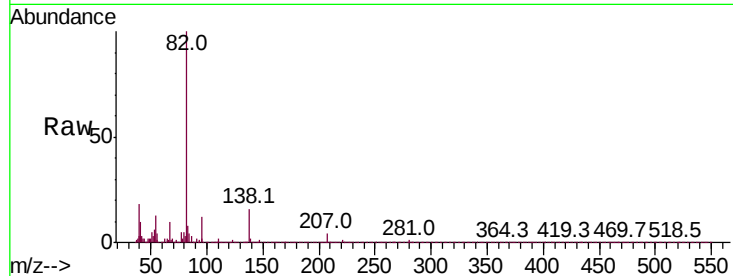
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 95      | 11.9  | 7.4        | 11.2# |
| 138     | 16.2  | 15.3       | 22.9  |

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#23

2-Nitrophenol

Concen: 3.788 ng/ul

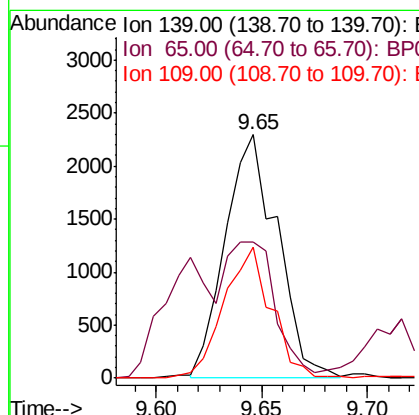
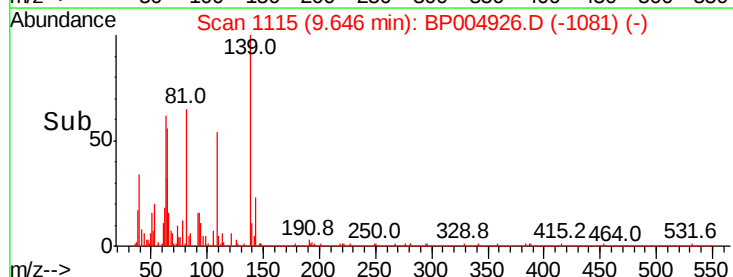
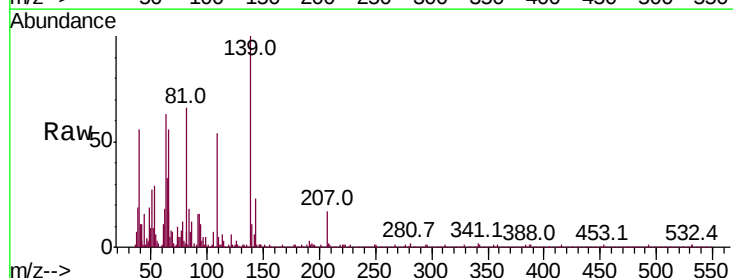
RT: 9.65 min Scan# 1115

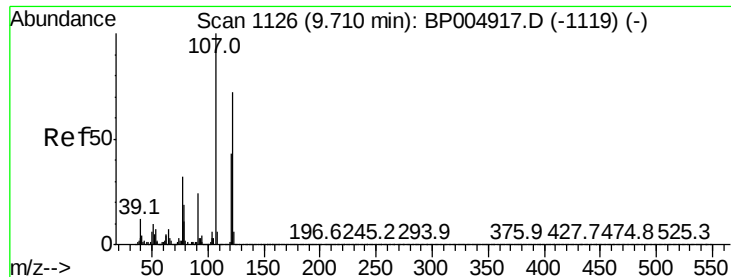
Delta R.T. -0.00 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 139     | 100   |            |       |
| 65      | 56.1  | 46.2       | 69.4  |
| 109     | 53.9  | 35.9       | 53.9  |





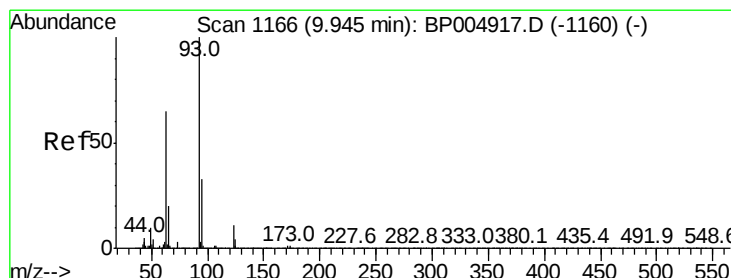
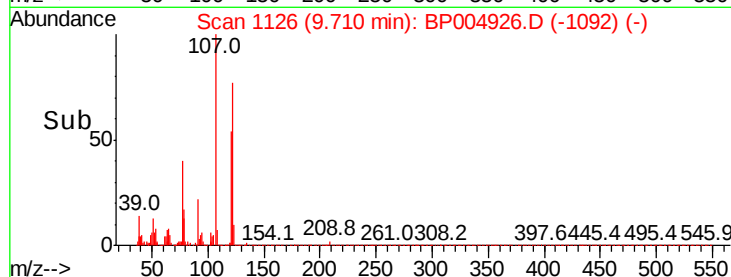
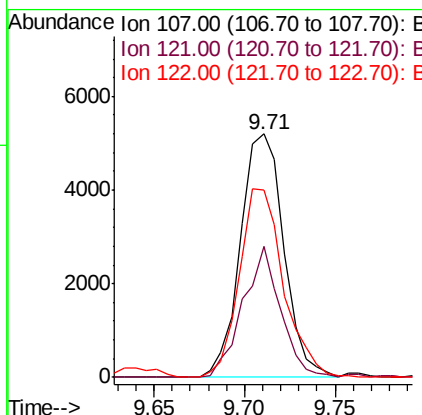
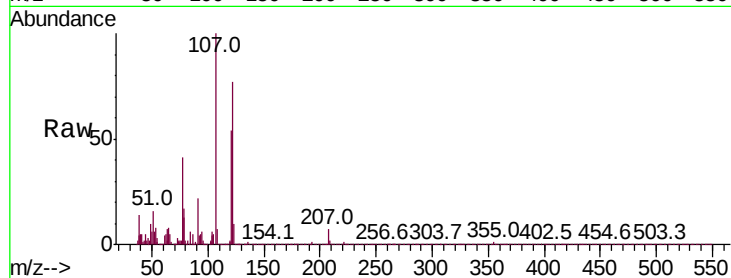
#24  
2,4-Dimethylphenol  
Concen: 3.719 ng/ul  
RT: 9.71 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 107     | 100   |            |            |
| 121     | 53.8  | 39.4       | 59.2       |
| 122     | 76.8  | 62.8       | 94.2       |

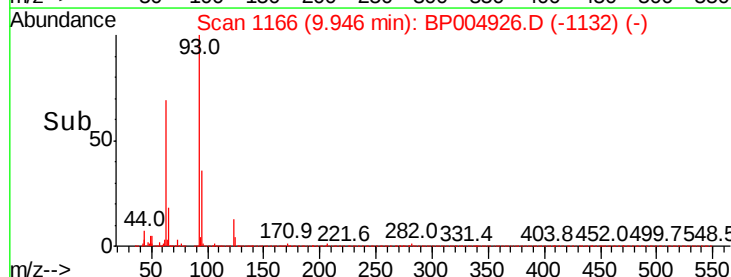
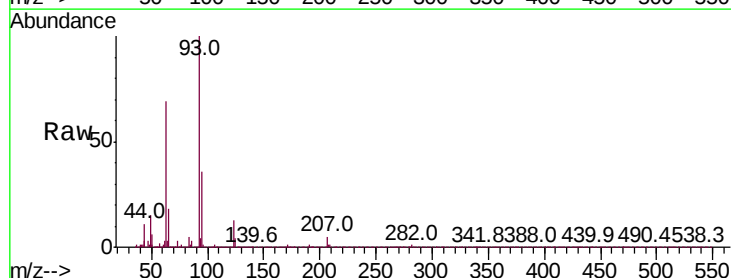
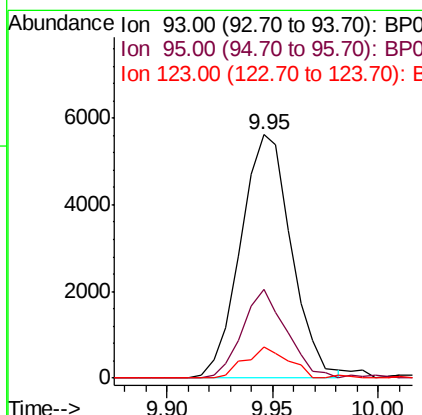
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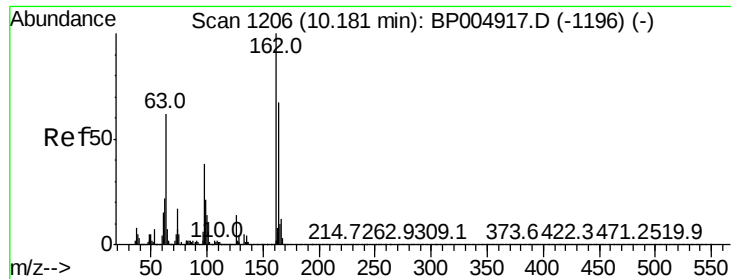
mohammad  
3/8/2021 9:36:55 AM



#25  
Bis(2-Chloroethoxy)methane  
Concen: 4.049 ng/ul  
RT: 9.95 min Scan# 1166  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 95      | 36.3  | 25.0       | 37.6       |
| 123     | 12.6  | 10.1       | 15.1       |





#27

2,4-Dichlorophenol

Concen: 3.888 ng/ul

RT: 10.18 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BP004926.D

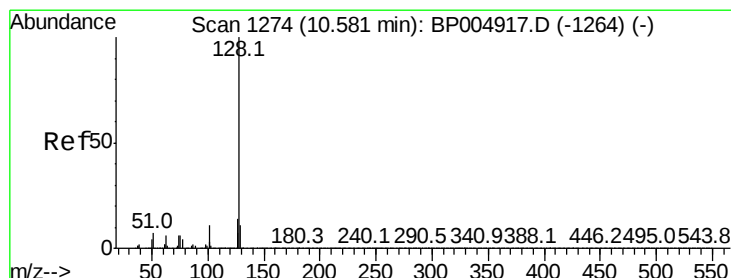
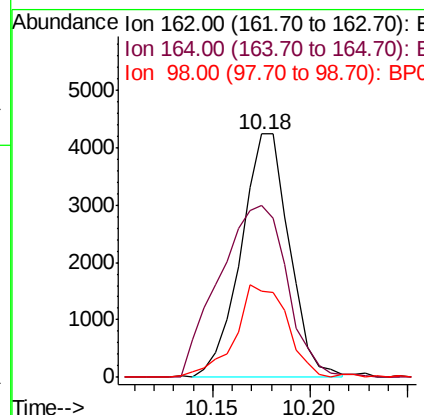
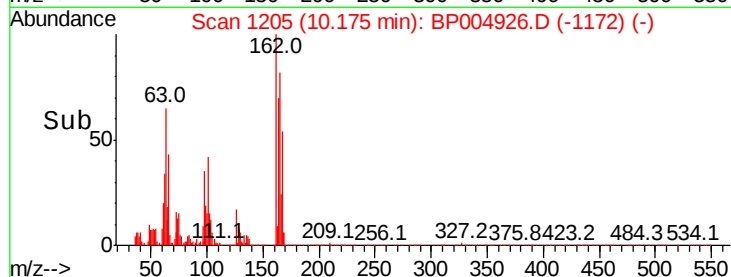
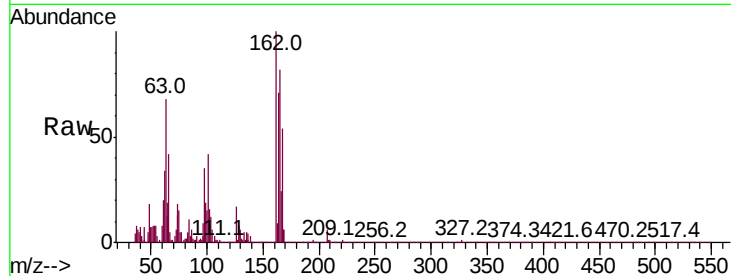
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 162   | Resp: | 7229 |
| Ion Ratio | Lower | Upper |      |
| 162       | 100   |       |      |
| 164       | 70.7  | 52.6  | 78.8 |
| 98        | 35.2  | 30.2  | 45.4 |

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#28

Naphthalene

Concen: 3.849 ng/ul

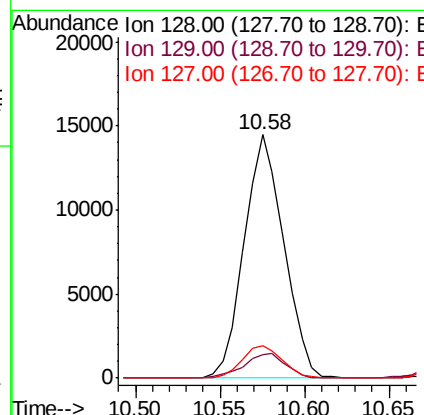
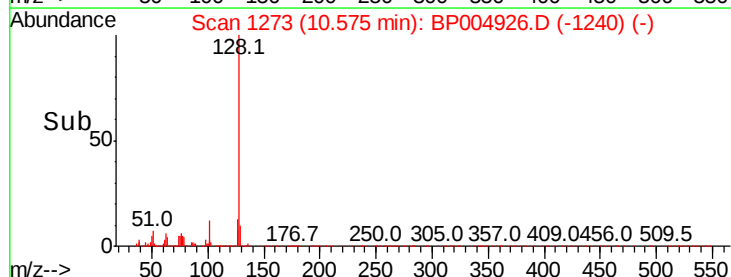
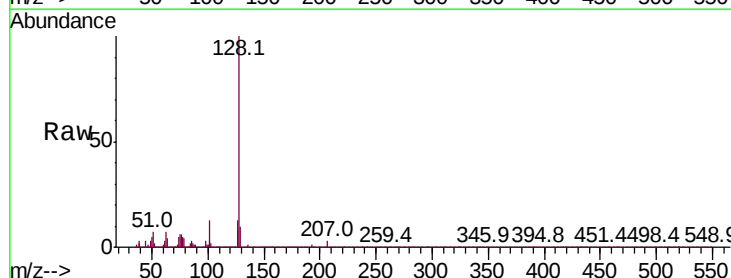
RT: 10.58 min Scan# 1273

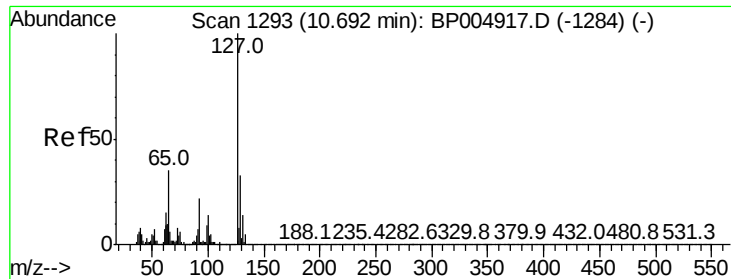
Delta R.T. -0.01 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 23593 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 9.6   | 8.9   | 13.3  |
| 127       | 13.4  | 10.6  | 16.0  |





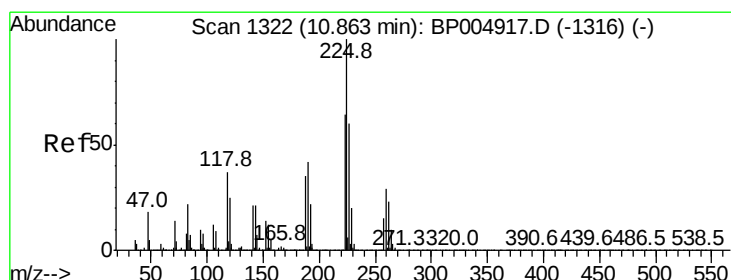
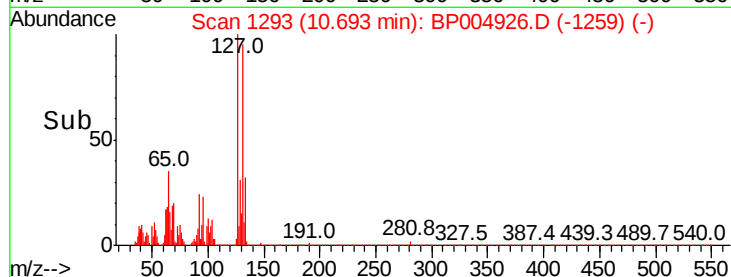
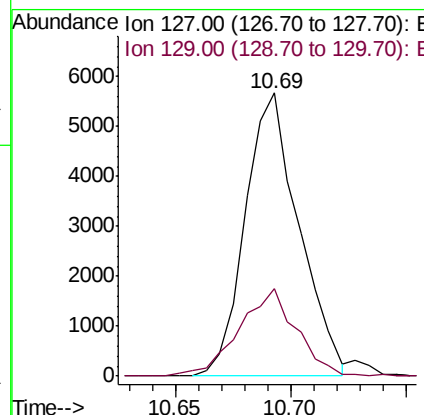
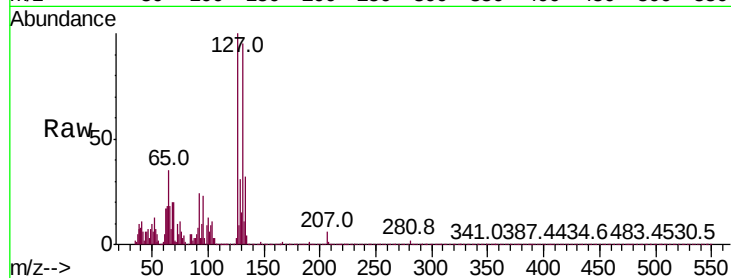
#30  
4-Chloroaniline  
Concen: 4.359 ng/ul  
RT: 10.69 min Scan# 1293  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

Tot Ion:127 Resp: 9164  
Ion Ratio Lower Upper  
127 100  
129 30.9 25.8 38.6

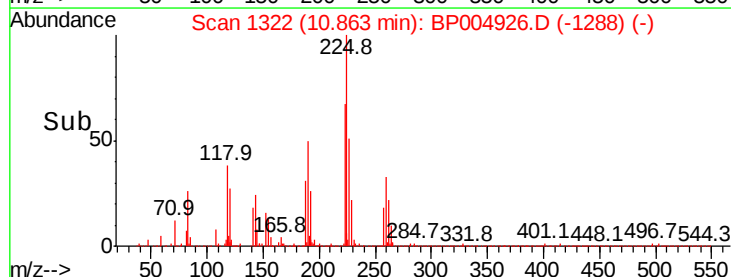
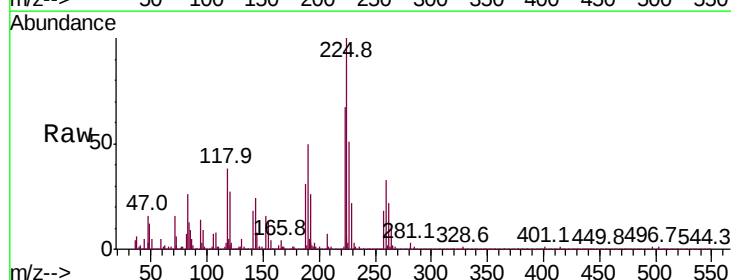
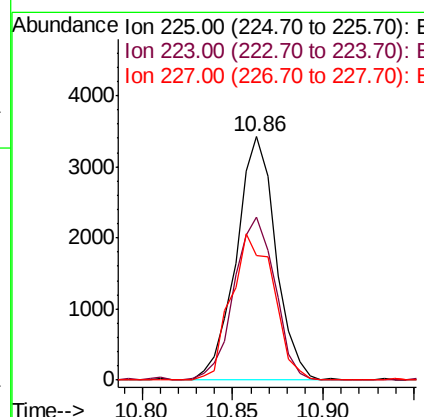
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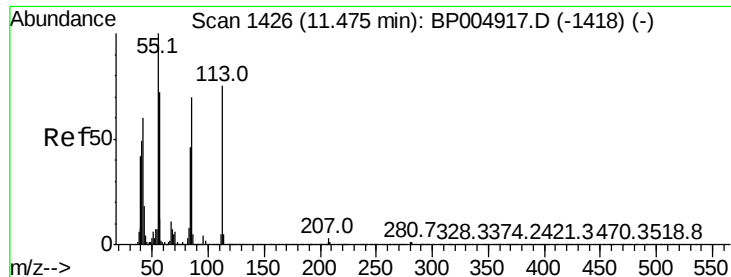
mohammad  
3/8/2021 9:36:55 AM



#31  
Hexachlorobutadiene  
Concen: 3.518 ng/ul  
RT: 10.86 min Scan# 1322  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Tgt Ion:225 Resp: 5196  
Ion Ratio Lower Upper  
225 100  
223 65.3 53.3 79.9  
227 49.5 54.5 81.7#





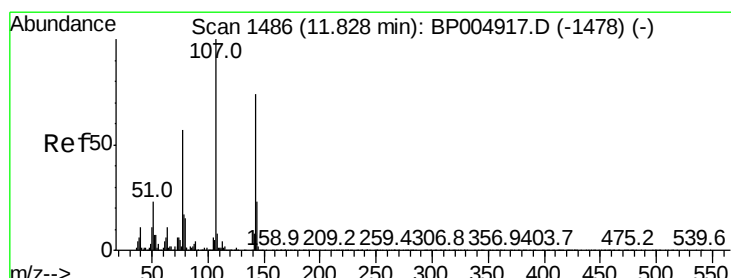
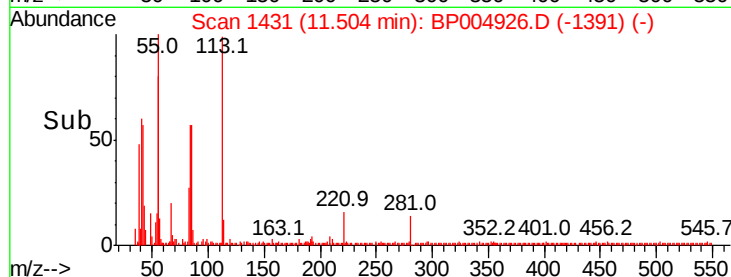
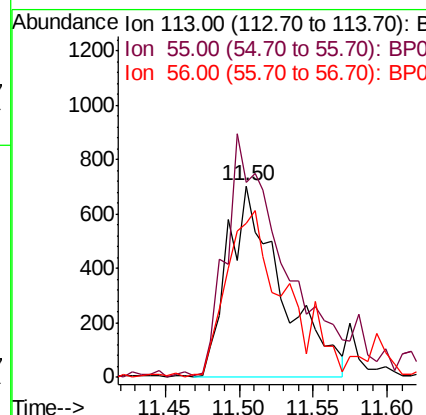
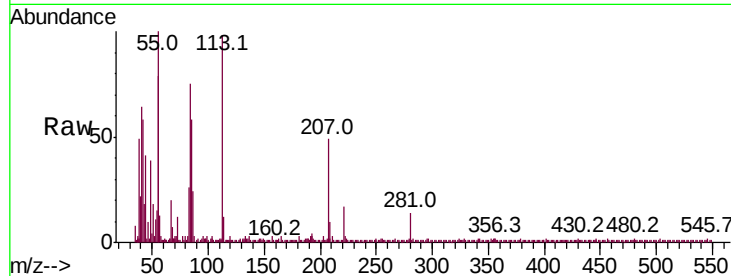
#32  
 Caprolactam  
 Concen: 3.057 ng/ul m  
 RT: 11.50 min Scan# 1431  
 Delta R.T. 0.04 min  
 Lab File: BP004926.D  
 Acq: 05 Mar 2021 20:40

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 101.9 | 77.4  | 116.0 |
| 56      | 80.6  | 64.6  | 97.0  |

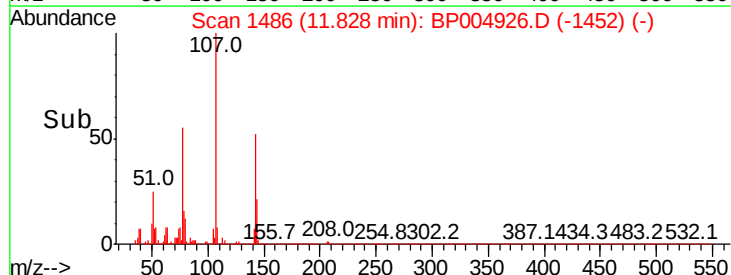
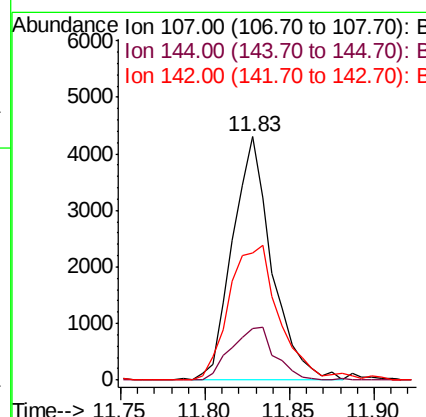
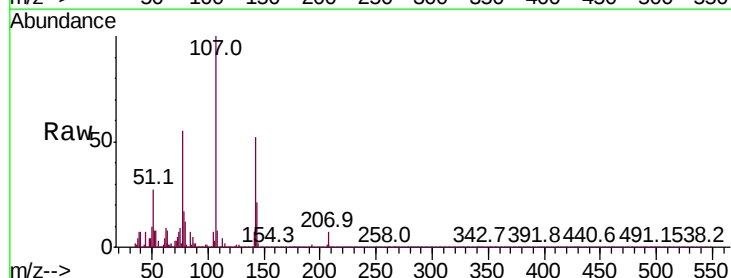
Manual Integrations  
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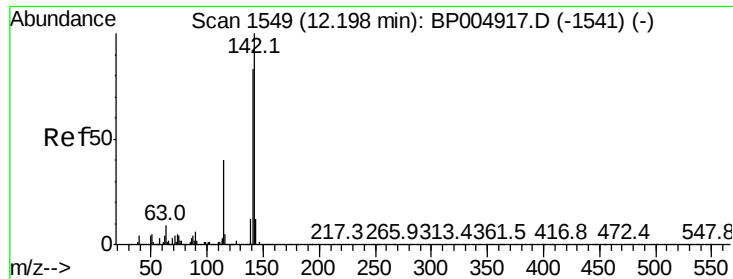
mohammad  
 3/8/2021 9:36:55 AM



#33  
 4-Chloro-3-methylphenol  
 Concen: 3.353 ng/ul  
 RT: 11.83 min Scan# 1486  
 Delta R.T. -0.00 min  
 Lab File: BP004926.D  
 Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 21.0  | 20.3  | 30.5  |
| 142     | 52.2  | 61.0  | 91.4# |





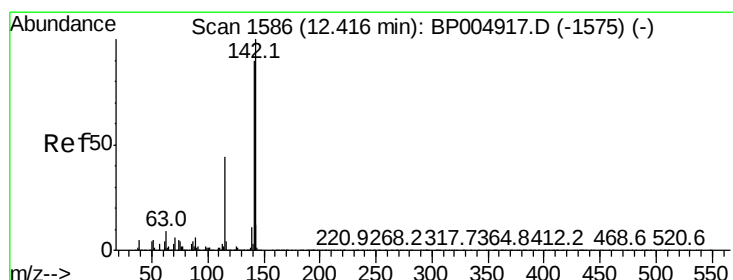
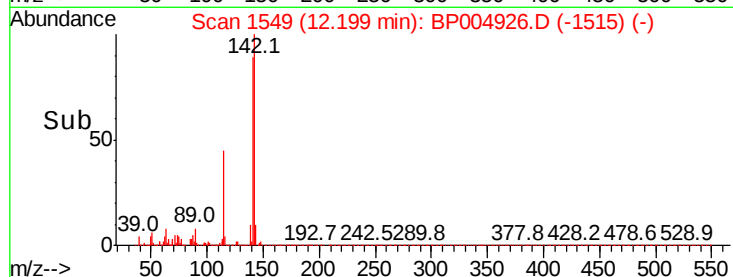
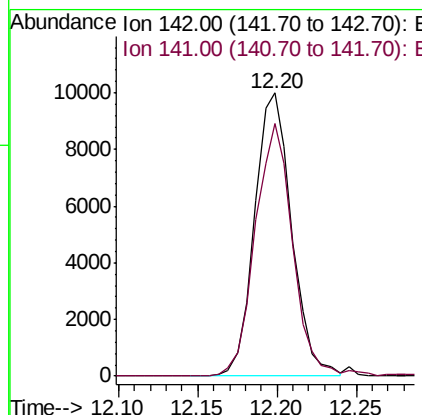
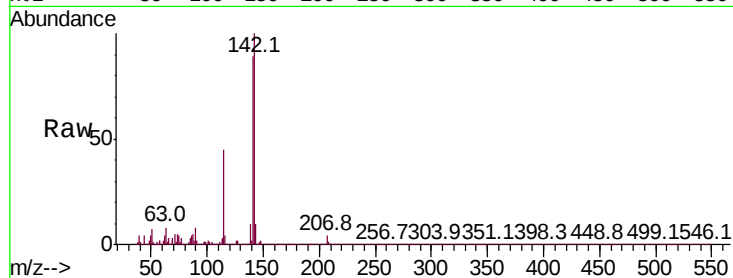
#34  
2-Methylnaphthalene  
Concen: 3.714 ng/ul  
RT: 12.20 min Scan# 1549  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.2  | 71.7  | 107.5 |

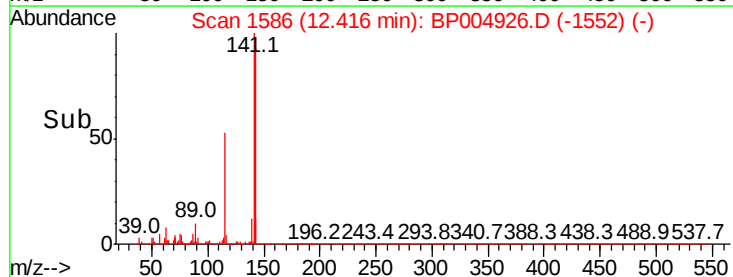
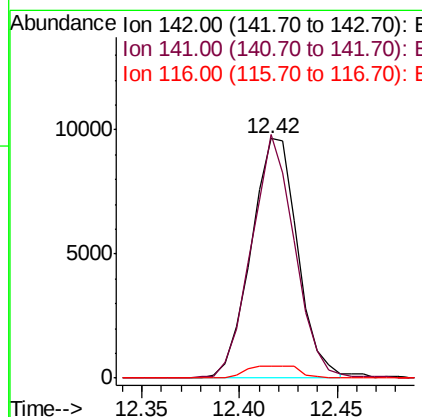
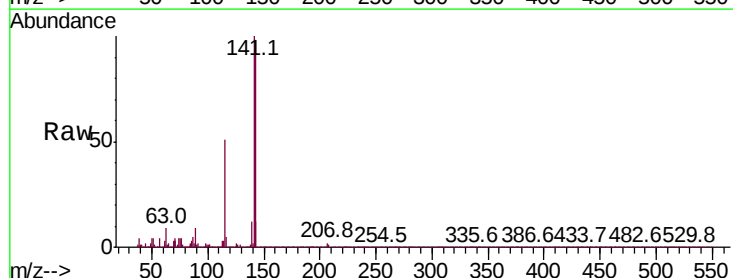
Manual Integrations  
APPROVED

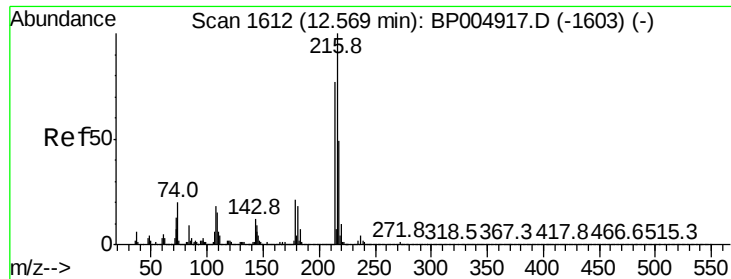
mohammad  
3/8/2021 9:36:55 AM



#35  
1-Methylnaphthalene  
Concen: 3.740 ng/ul  
RT: 12.42 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 101.6 | 70.2  | 105.4 |
| 116     | 4.8   | 3.5   | 5.3   |





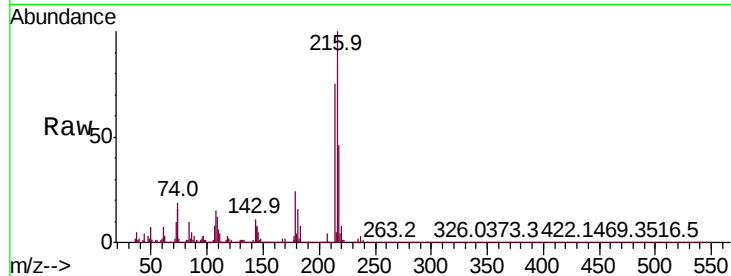
#37  
1,2,4,5-Tetrachlorobenzene  
Concen: 3.567 ng/ul  
RT: 12.57 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 216   | Resp: | 10041 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 75.3  | 59.9  | 89.9  |
| 179       | 23.7  | 15.9  | 23.9  |
| 108       | 15.4  | 11.8  | 17.6  |

Manual Integrations  
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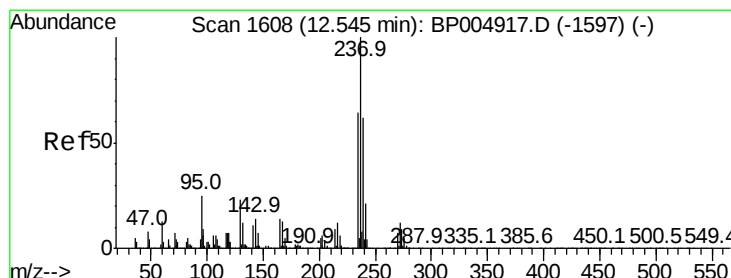
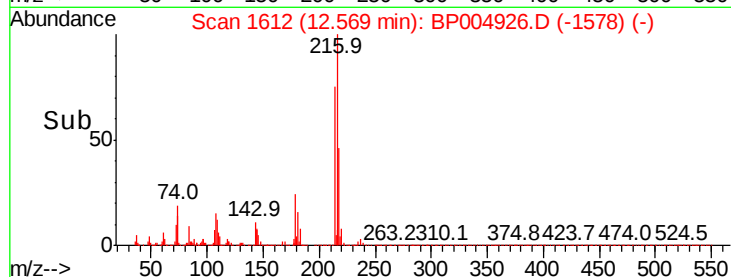
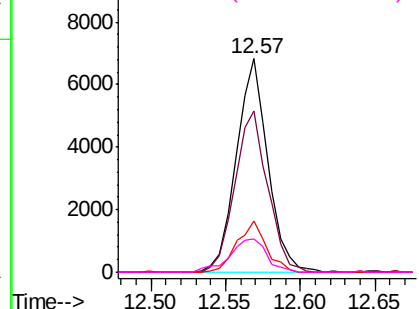
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38  
Hexachlorocyclopentadiene  
Concen: 2.771 ng/ul  
RT: 12.54 min Scan# 1607  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

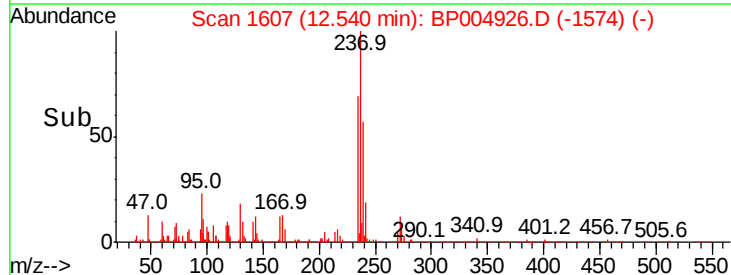
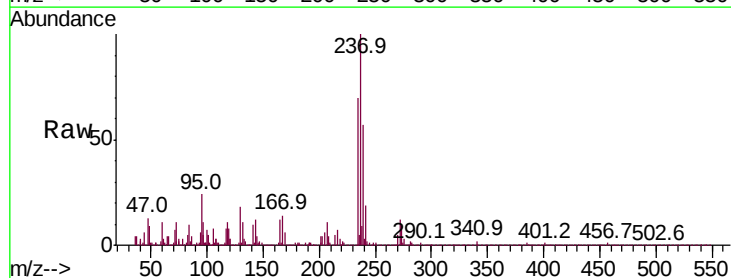
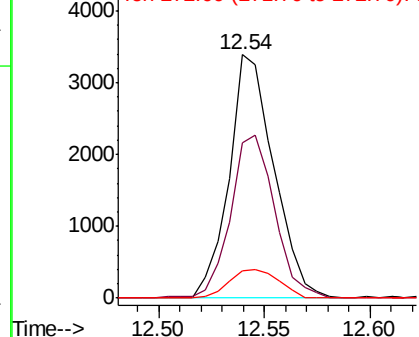
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 4960  |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 64.0  | 48.9  | 73.3  |
| 272       | 11.1  | 11.2  | 16.8# |

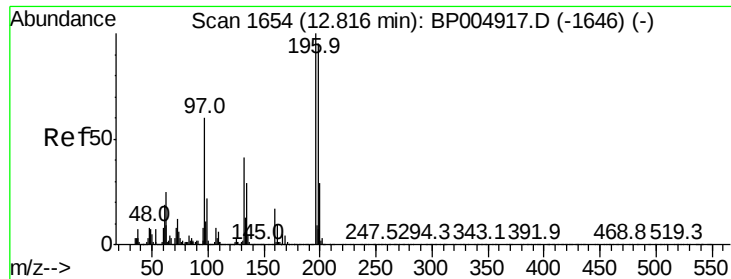
Abundance

Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E





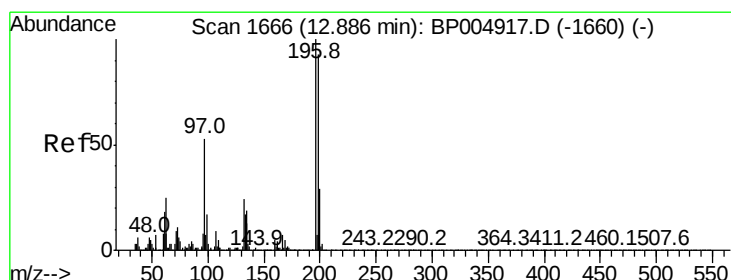
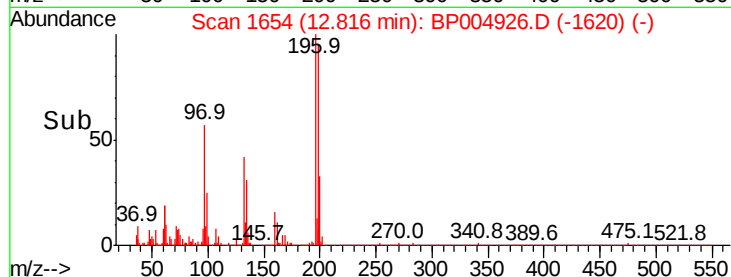
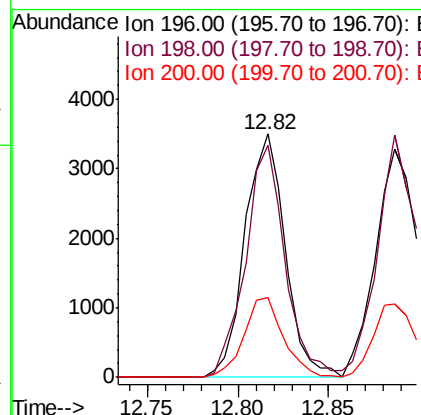
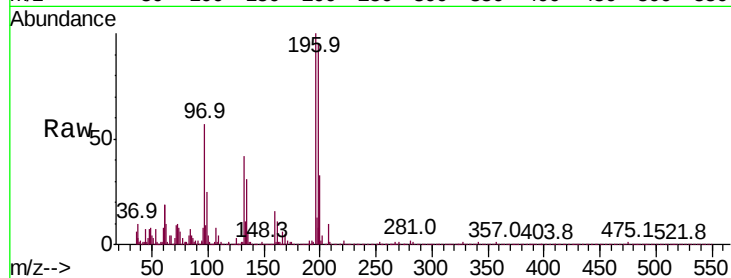
#39  
 2,4,6-Trichlorophenol  
 Concen: 3.256 ng/ul  
 RT: 12.82 min Scan# 1654  
 Delta R.T. -0.00 min  
 Lab File: BP004926.D  
 Acq: 05 Mar 2021 20:40

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.4  | 79.2  | 118.8 |
| 200     | 35.3  | 25.0  | 37.4  |

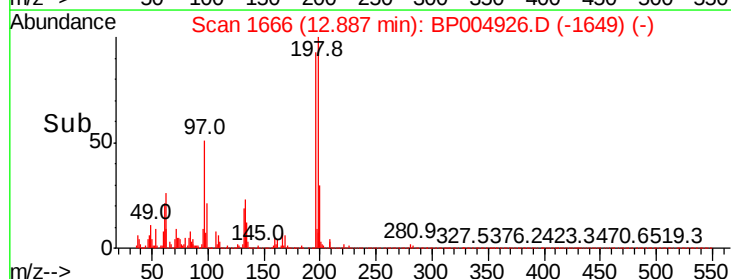
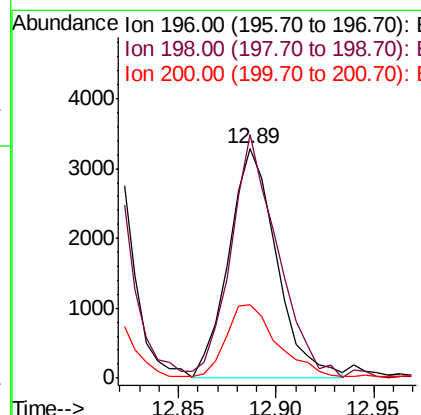
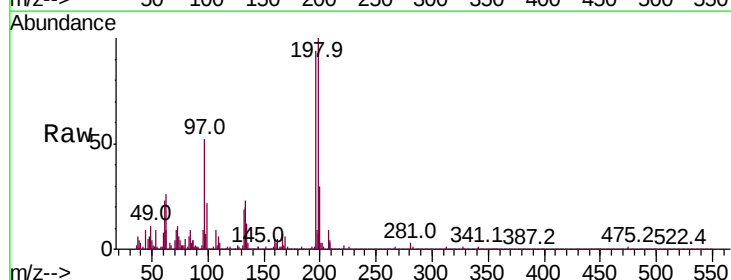
Manual Integrations  
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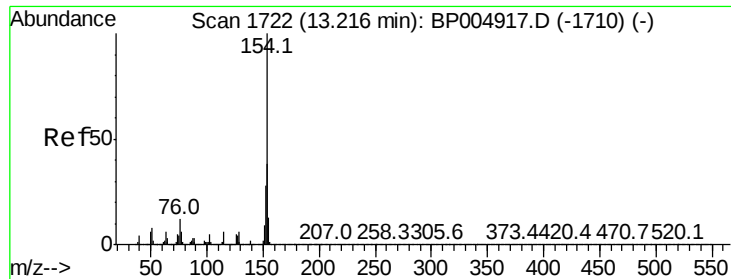
mohammad  
 3/8/2021 9:36:55 AM



#40  
 2,4,5-Trichlorophenol  
 Concen: 3.087 ng/ul  
 RT: 12.89 min Scan# 1666  
 Delta R.T. -0.00 min  
 Lab File: BP004926.D  
 Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 106.2 | 73.0  | 109.4 |
| 200     | 32.0  | 26.2  | 39.2  |





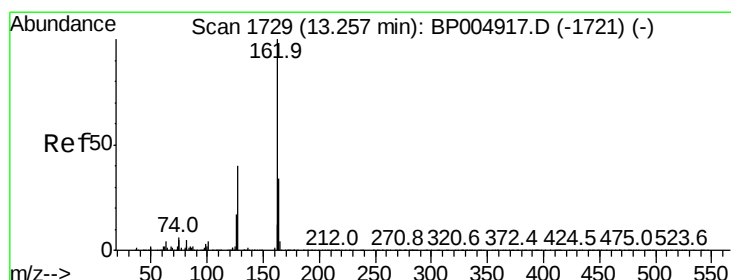
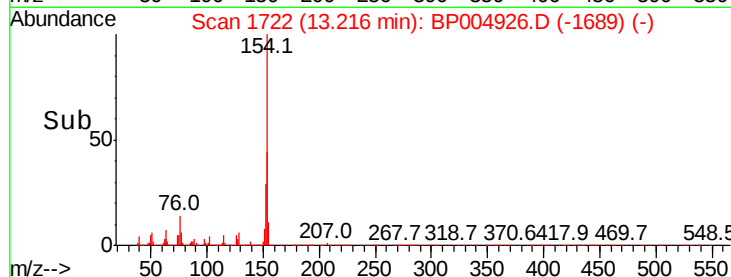
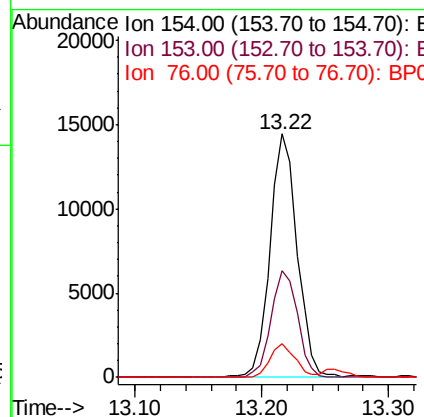
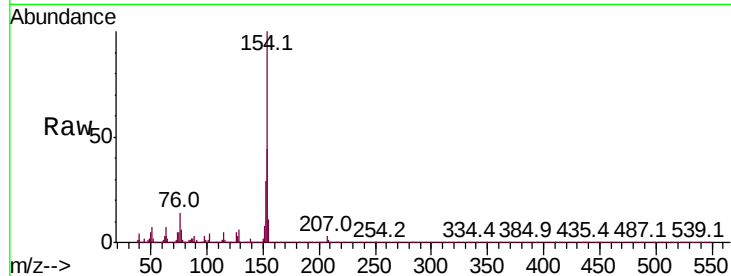
#41  
1,1'-Biphenyl  
Concen: 3.619 ng/ul  
RT: 13.22 min Scan# 1722  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.5  | 32.0  | 48.0  |
| 76      | 13.7  | 8.7   | 13.1  |

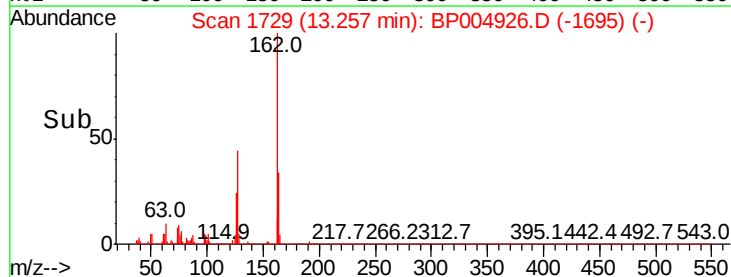
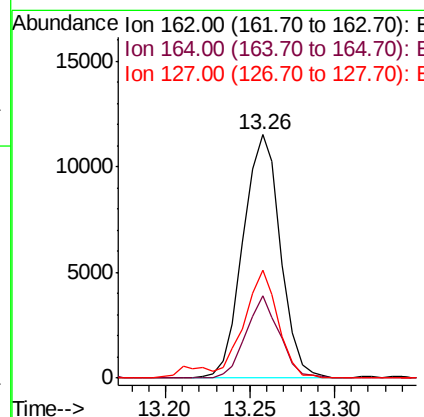
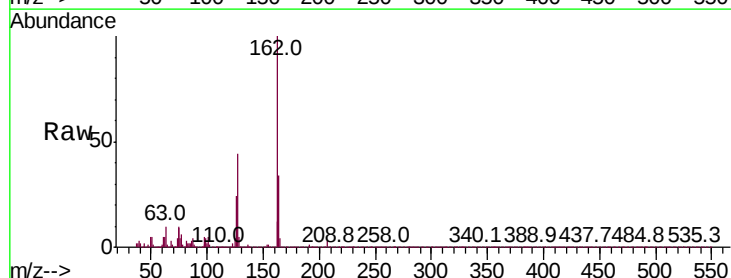
Manual Integrations  
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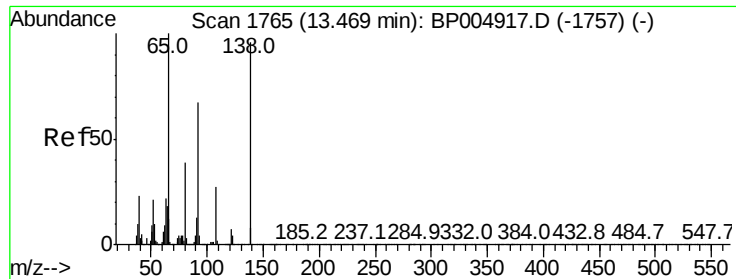
mohammad  
3/8/2021 9:36:55 AM



#42  
2-Chloronaphthalene  
Concen: 3.732 ng/ul  
RT: 13.26 min Scan# 1729  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 33.8  | 25.4  | 38.0  |
| 127     | 44.1  | 31.6  | 47.4  |





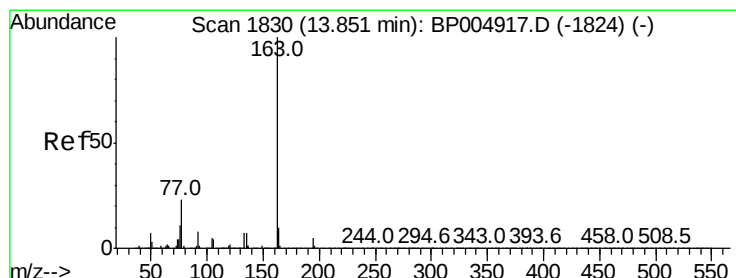
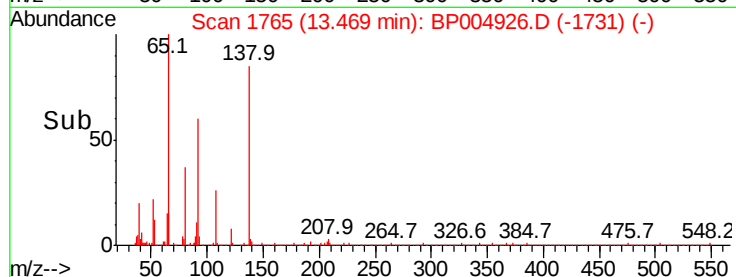
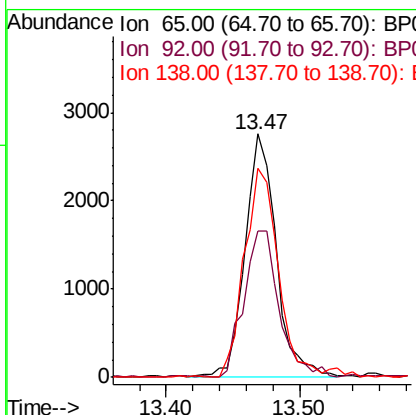
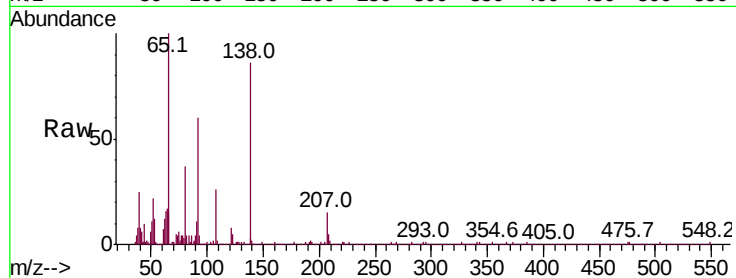
#43  
2-Nitroaniline  
Concen: 3.516 ng/ul  
RT: 13.47 min Scan# 1765  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 59.9  | 59.9  | 89.9  |
| 138     | 85.8  | 84.2  | 126.2 |

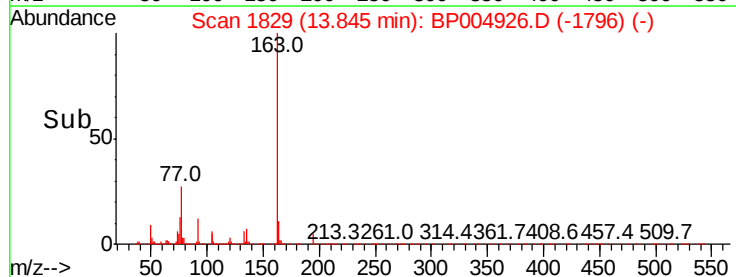
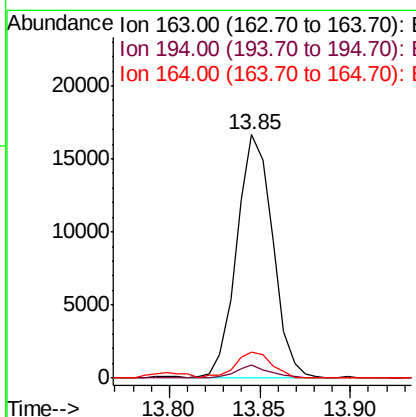
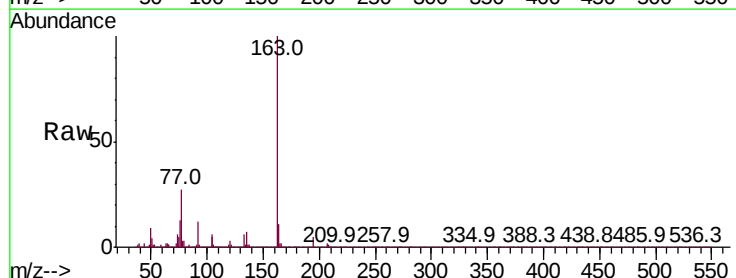
Manual Integrations  
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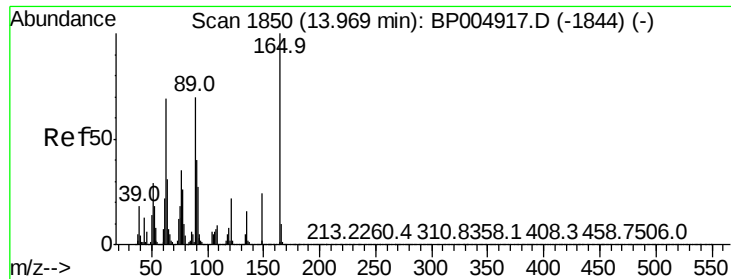
mohammad  
3/8/2021 9:36:55 AM



#45  
Dimethylphthalate  
Concen: 3.799 ng/ul  
RT: 13.85 min Scan# 1829  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 5.3   | 3.5   | 5.3#  |
| 164     | 10.6  | 8.0   | 12.0  |





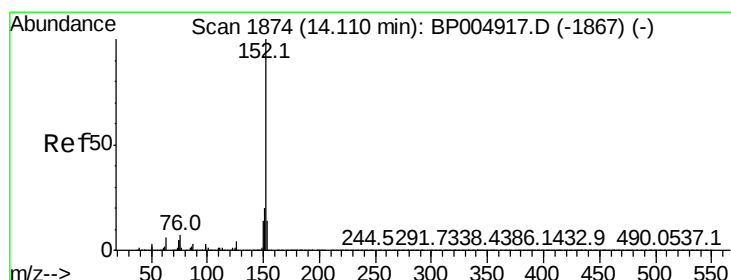
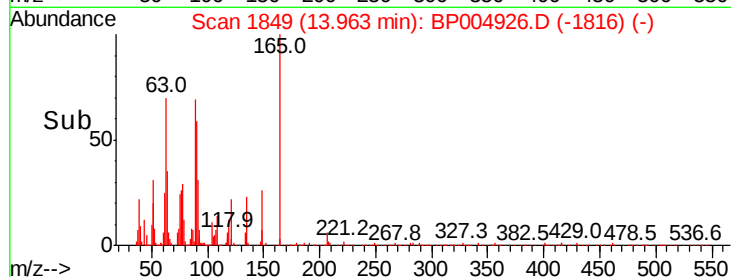
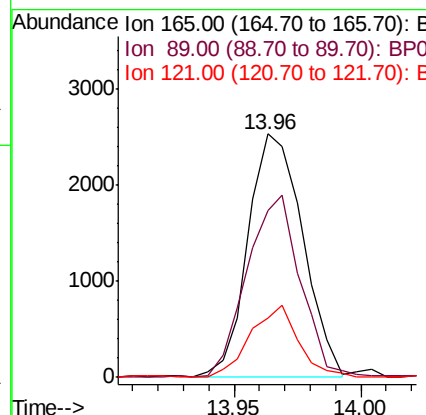
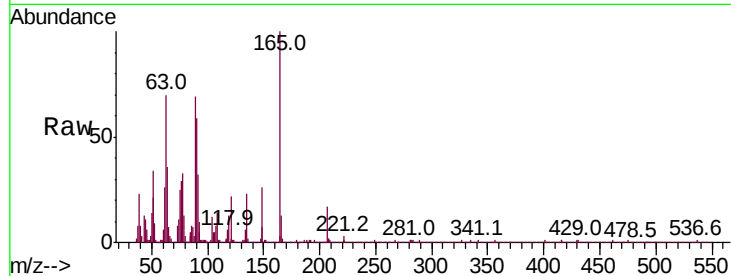
#46  
2,6-Dinitrotoluene  
Concen: 3.135 ng/ul  
RT: 13.96 min Scan# 1849  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 68.8  | 49.8  | 74.6  |
| 121     | 24.6  | 17.7  | 26.5  |

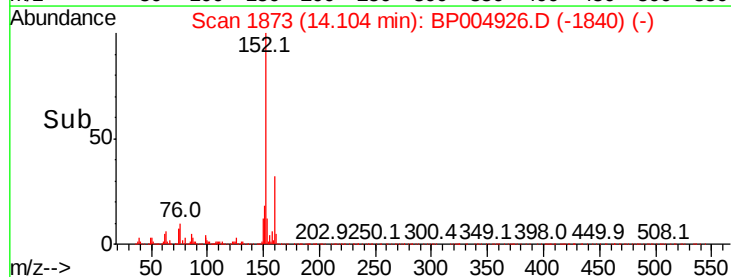
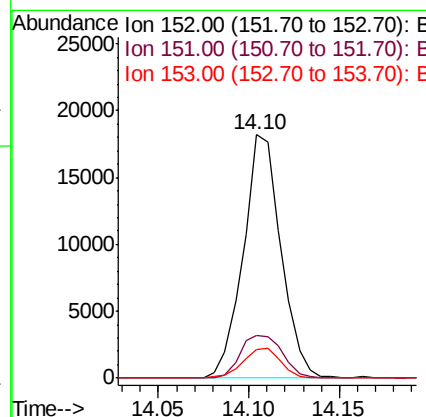
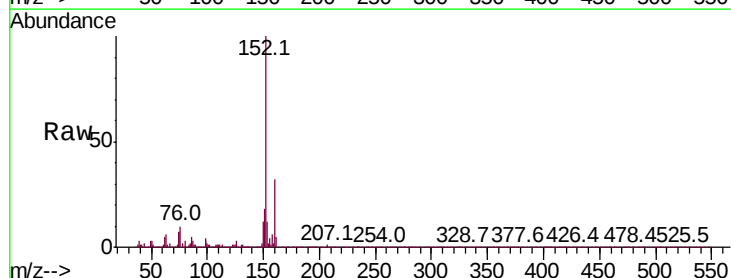
Manual Integrations  
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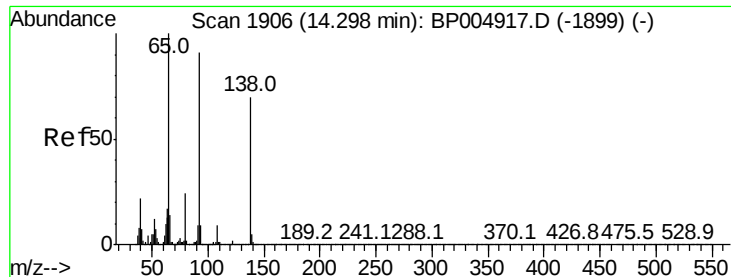
mohammad  
3/8/2021 9:36:55 AM



#48  
Acenaphthylene  
Concen: 3.825 ng/ul  
RT: 14.10 min Scan# 1873  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 17.6  | 16.8  | 25.2  |
| 153     | 11.6  | 10.0  | 15.0  |





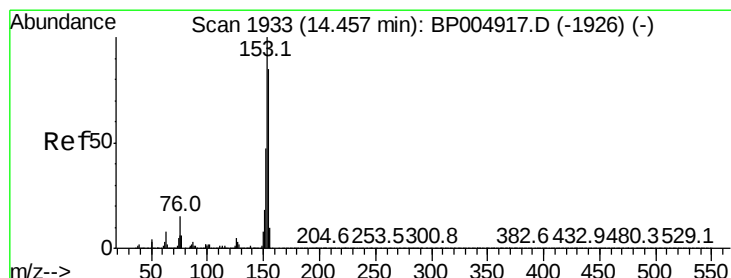
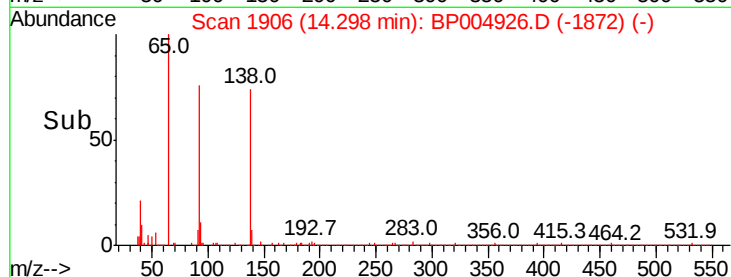
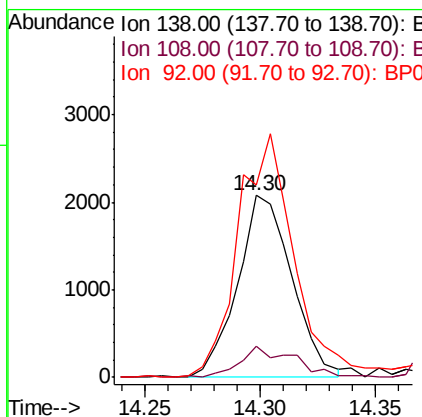
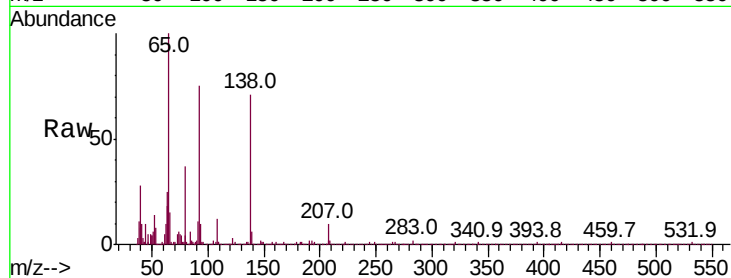
#49  
3-Nitroaniline  
Concen: 3.220 ng/ul  
RT: 14.30 min Scan# 1906  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 17.3  | 10.0  | 15.0# |
| 92      | 105.4 | 98.3  | 147.5 |

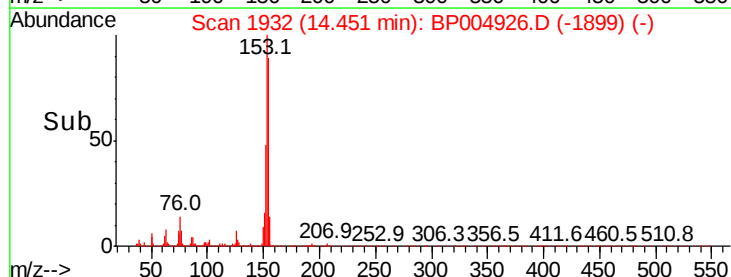
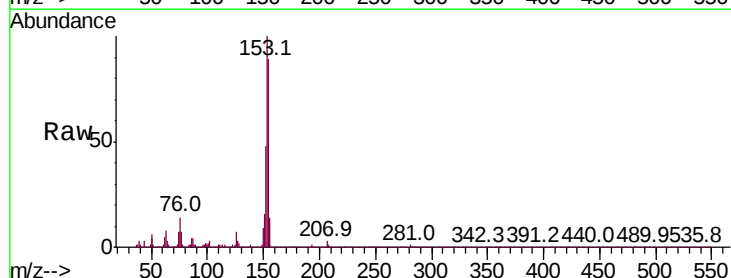
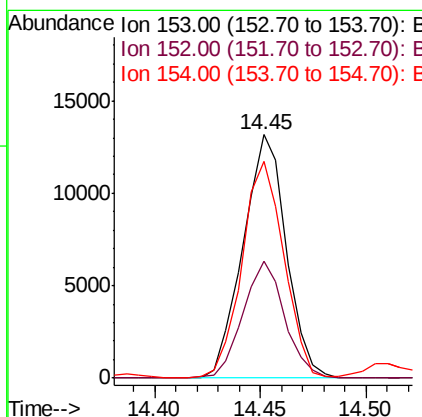
Manual Integrations  
APPROVED

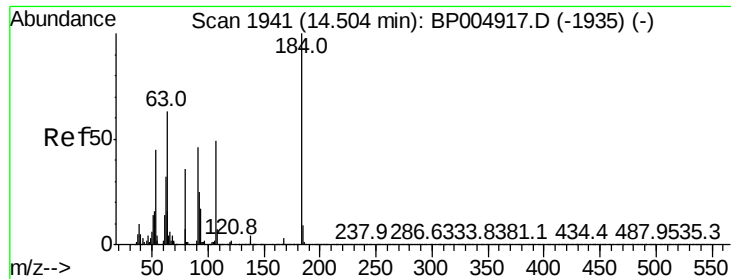
mohammad  
3/8/2021 9:36:55 AM



#50  
Acenaphthene  
Concen: 3.759 ng/ul  
RT: 14.45 min Scan# 1932  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 48.2  | 37.1  | 55.7  |
| 154     | 88.9  | 69.8  | 104.8 |





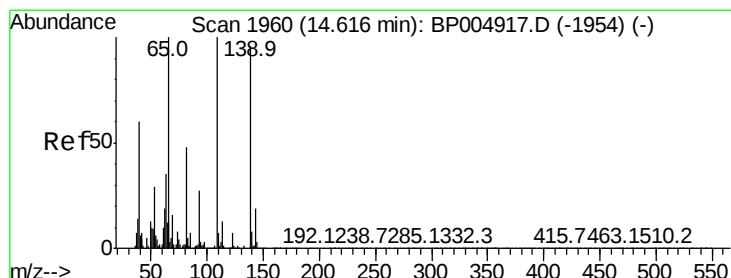
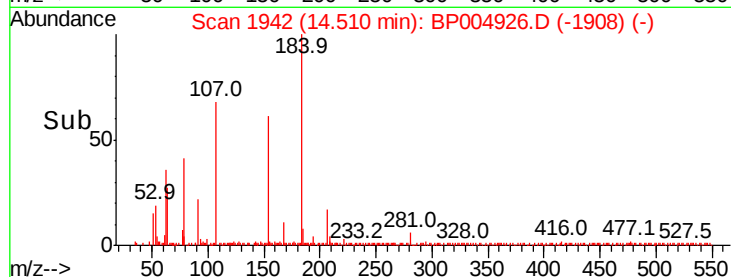
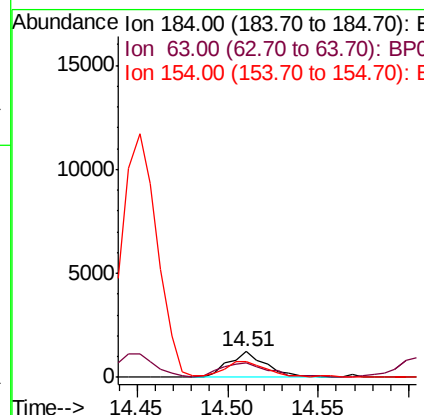
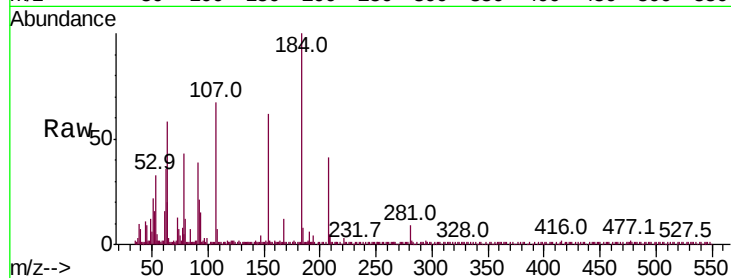
#51  
2,4-Dinitrophenol  
Concen: 2.222 ng/ul  
RT: 14.51 min Scan# 1942  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 57.9  | 57.0  | 85.4  |
| 154     | 62.0  | 52.2  | 78.2  |

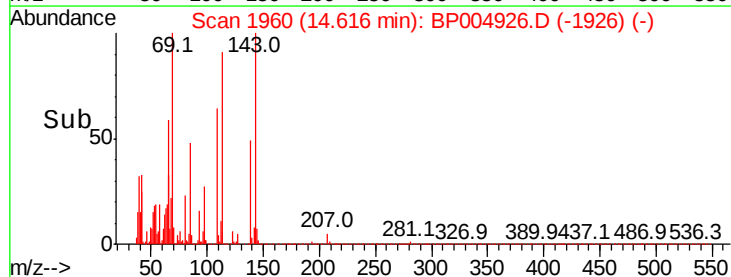
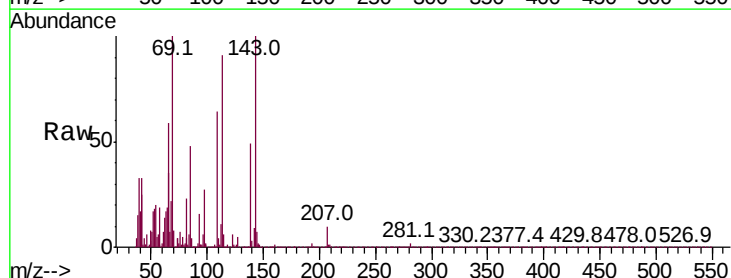
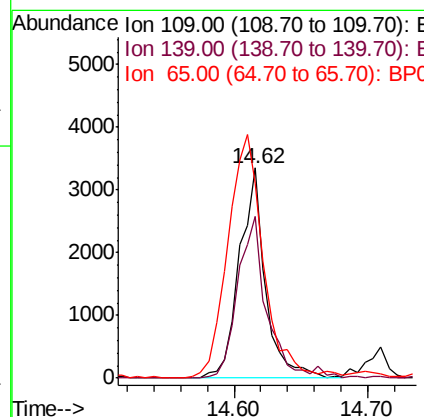
Manual Integrations  
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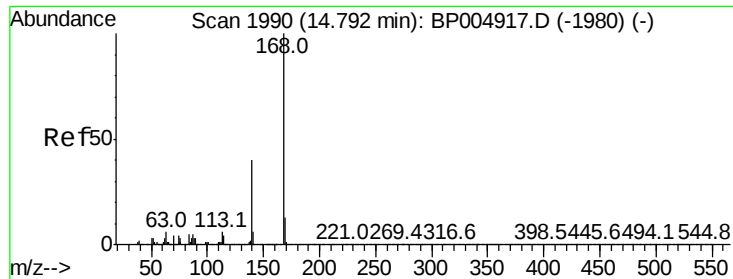
mohammad  
3/8/2021 9:36:55 AM



#53  
4-Nitrophenol  
Concen: 4.258 ng/ul  
RT: 14.62 min Scan# 1960  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 109     | 100   |       |        |
| 139     | 76.9  | 86.4  | 129.6# |
| 65      | 92.9  | 92.2  | 138.2  |





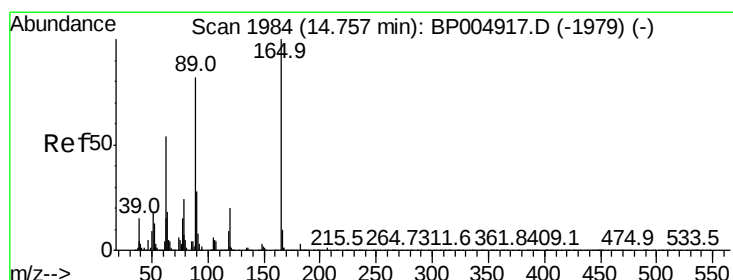
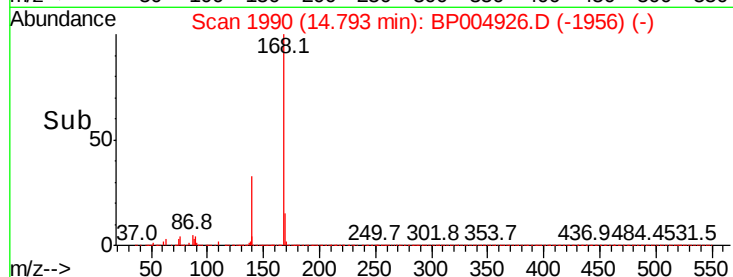
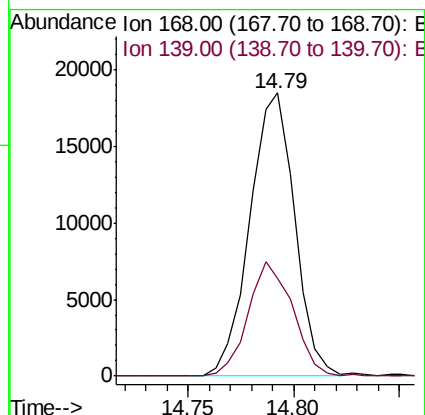
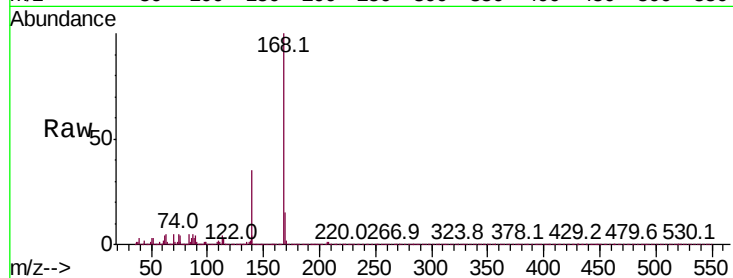
#54  
Dibenzofuran  
Concen: 3.725 ng/ul  
RT: 14.79 min Scan# 1990  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 34.6  | 30.2  | 45.4  |

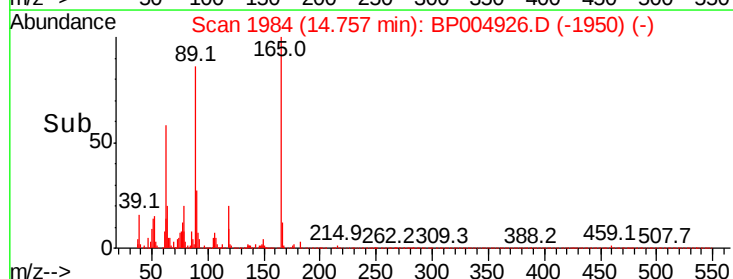
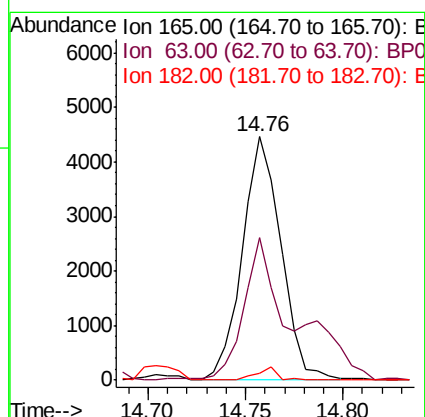
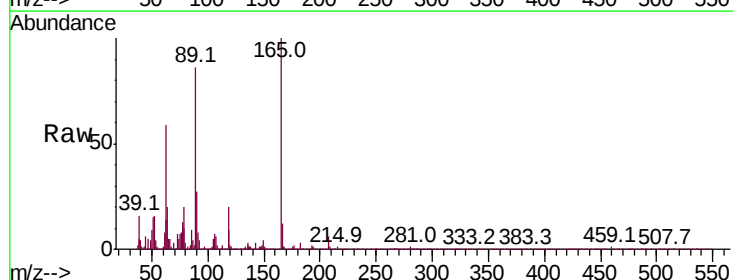
Manual Integrations  
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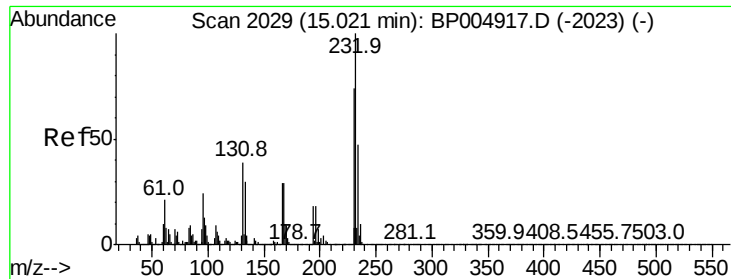
mohammad  
3/8/2021 9:36:55 AM



#55  
2,4-Dinitrotoluene  
Concen: 3.462 ng/ul  
RT: 14.76 min Scan# 1984  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 58.7  | 40.2  | 60.2  |
| 182     | 2.7   | 3.0   | 4.4   |





#56

2,3,4,6-Tetrachlorophenol

Concen: 3.285 ng/ul

RT: 15.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

Instrument :

BNA\_P

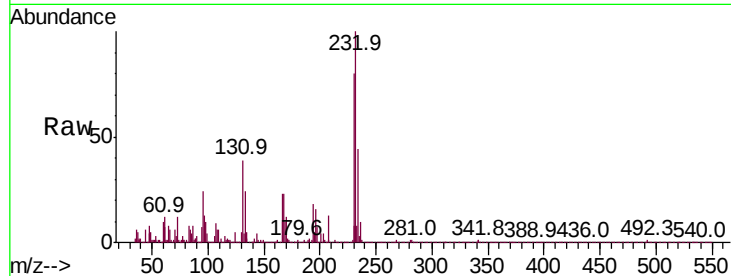
ClientSampleId :

MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 39.1  | 31.7  | 47.5  |
| 130     | 4.9   | 1.8   | 2.8   |
| 166     | 23.1  | 21.4  | 32.2  |

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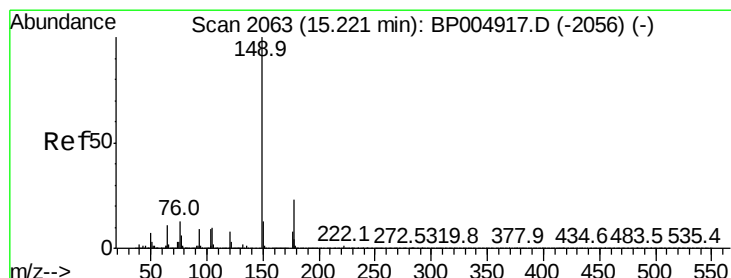
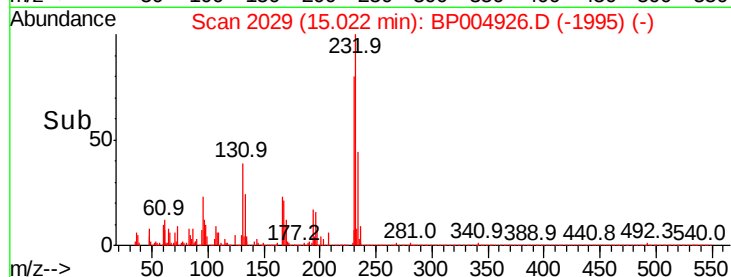
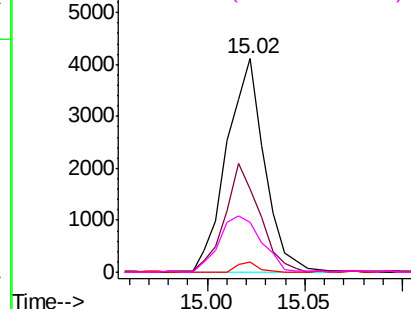
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 3.750 ng/ul

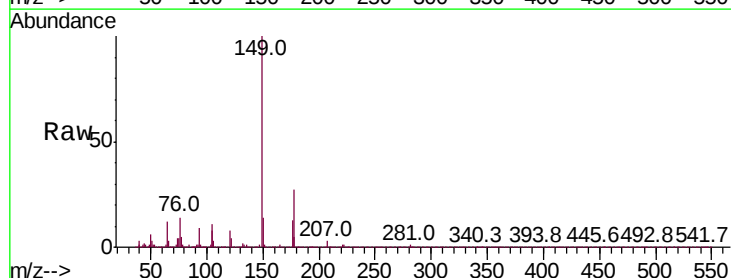
RT: 15.22 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 27.1  | 19.1  | 28.7  |
| 150     | 13.5  | 11.0  | 16.6  |

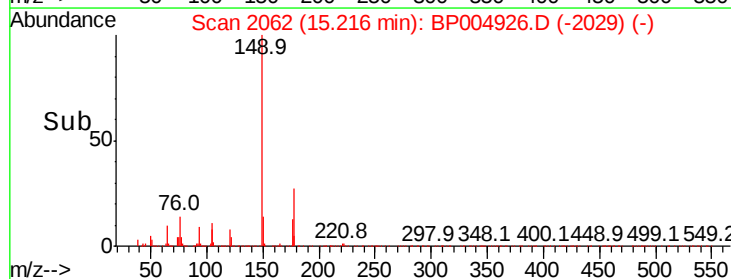
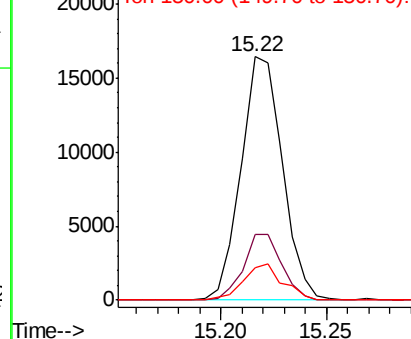


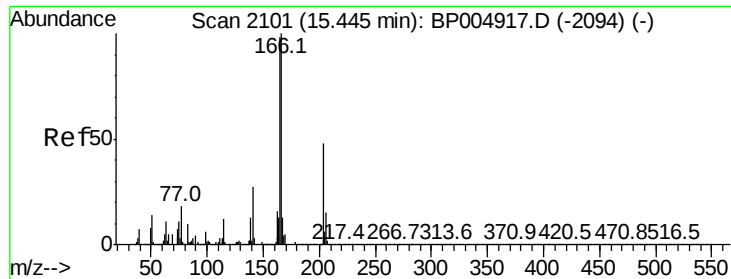
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 3.601 ng/ul

RT: 15.44 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

Instrument :

BNA\_P

ClientSampleId :

MDL-ME-SOIL-05

Tot Ion:166 Resp: 22009

Ion Ratio Lower Upper

166 100

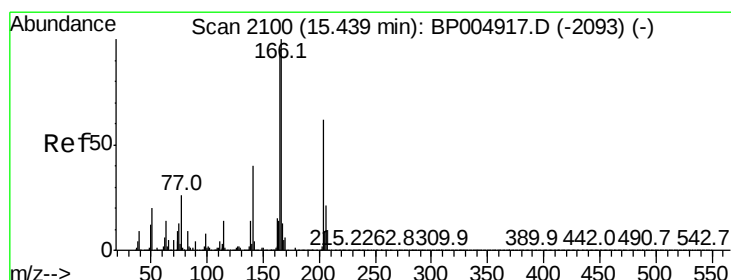
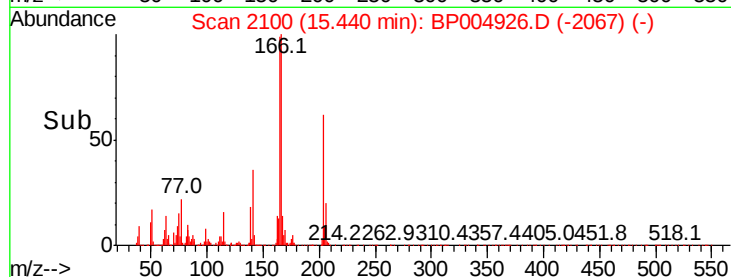
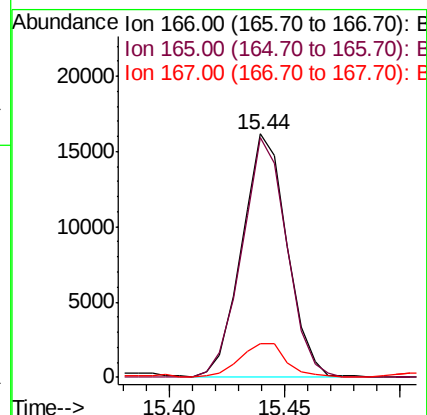
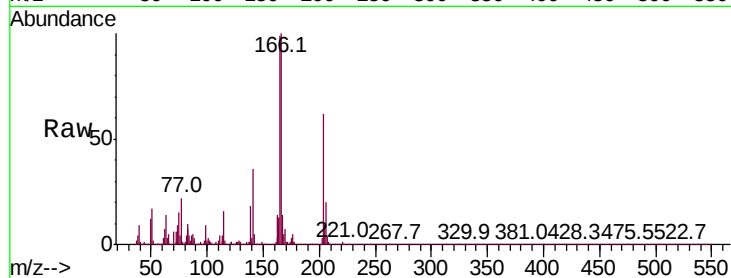
165 98.7 77.8 116.6

167 13.7 10.3 15.5

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#60

4-Chlorophenyl-phenylether

Concen: 3.750 ng/ul

RT: 15.44 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

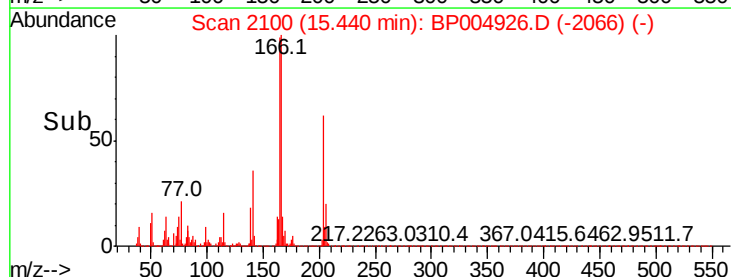
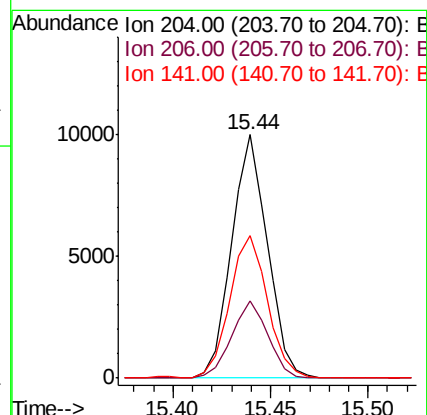
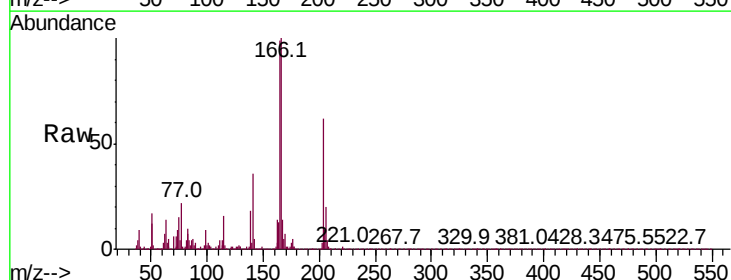
Tgt Ion:204 Resp: 12732

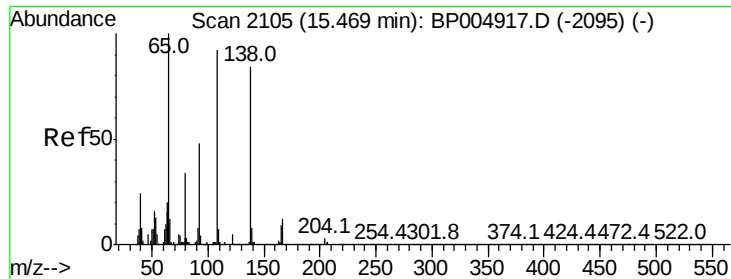
Ion Ratio Lower Upper

204 100

206 32.0 25.3 37.9

141 58.6 47.0 70.6





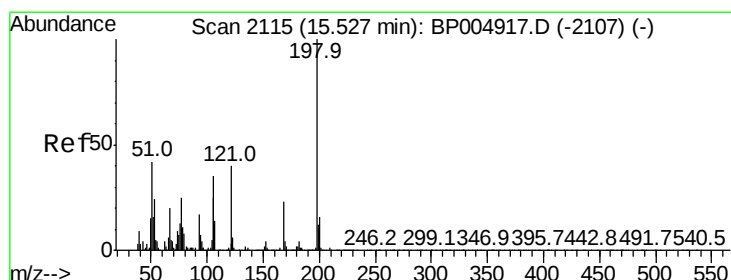
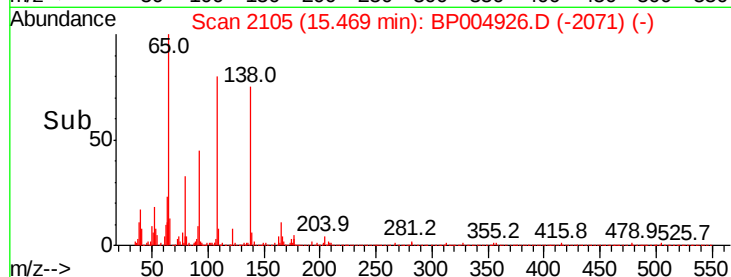
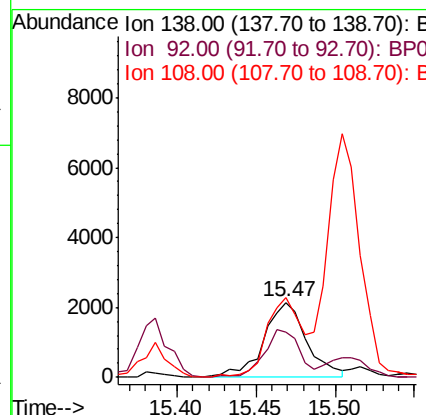
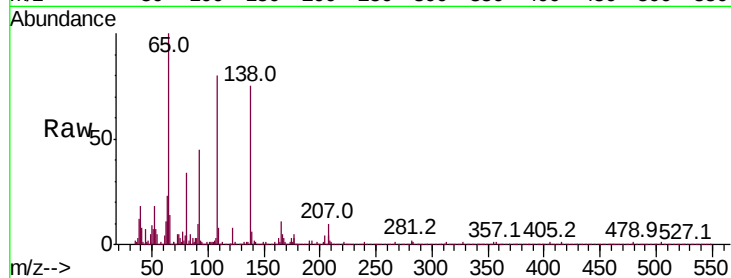
#61  
4-Nitroaniline  
Concen: 3.319 ng/ul  
RT: 15.47 min Scan# 2105  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 60.6  | 45.7  | 68.5  |
| 108     | 106.8 | 81.4  | 122.2 |

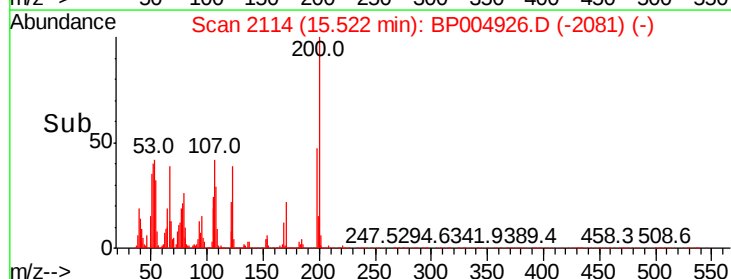
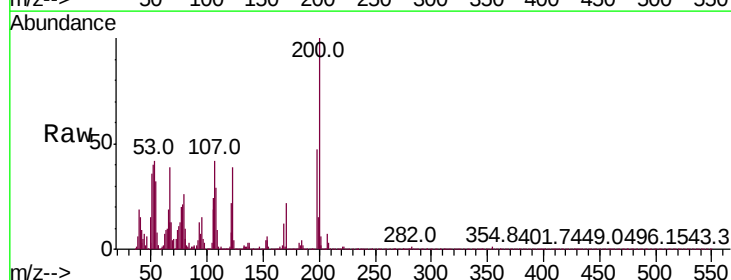
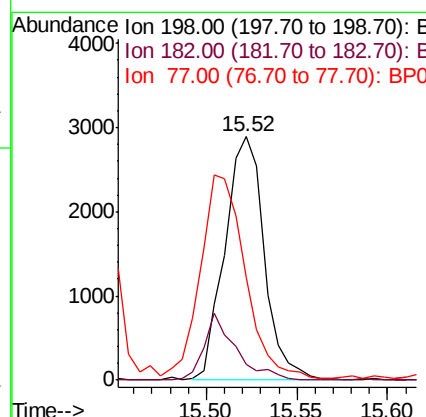
Manual Integrations  
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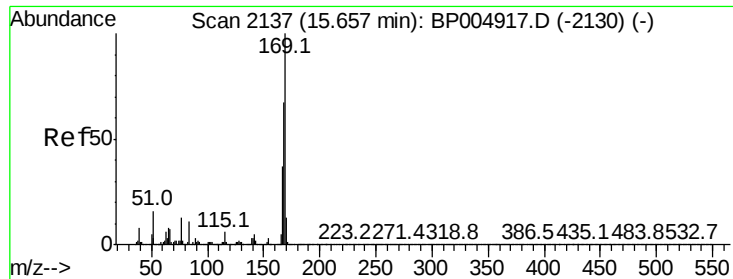
mohammad  
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 3.617 ng/ul  
RT: 15.52 min Scan# 2114  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 182     | 6.5   | 3.0   | 4.6#  |
| 77      | 42.2  | 23.0  | 34.4# |





#65

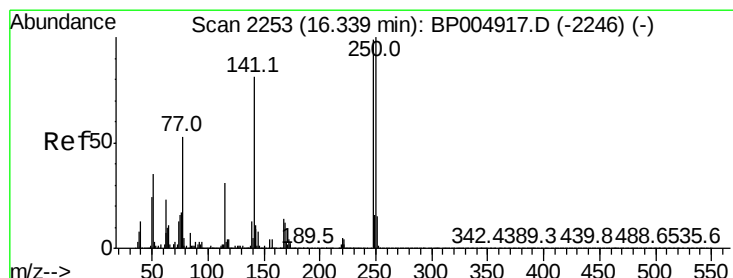
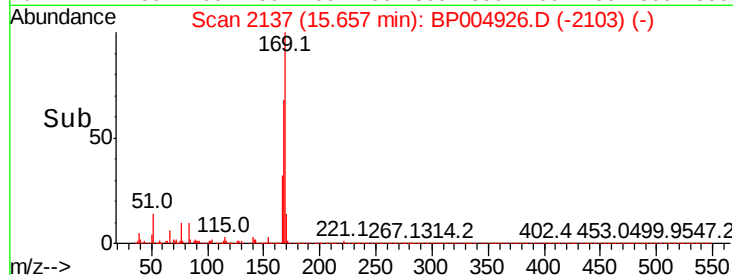
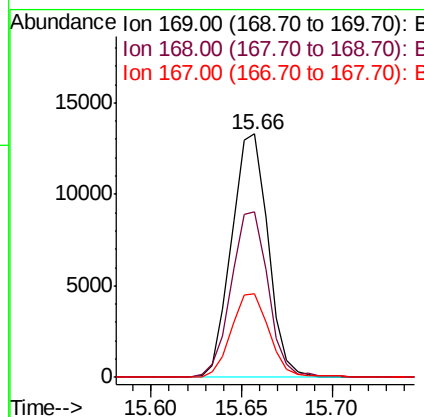
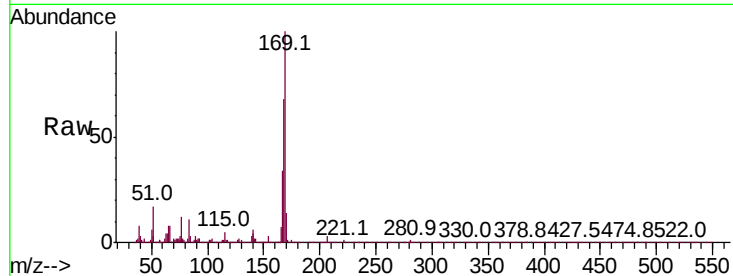
N-Nitrosodiphenylamine  
Concen: 3.589 ng/ul  
RT: 15.66 min Scan# 2137  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.1  | 52.8  | 79.2  |
| 167     | 34.3  | 27.8  | 41.6  |

Manual Integrations  
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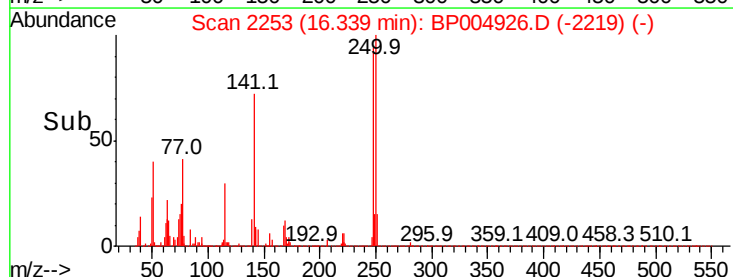
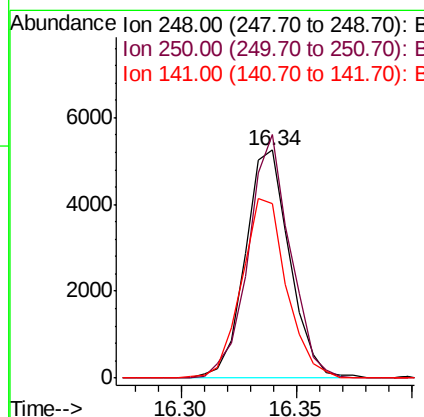
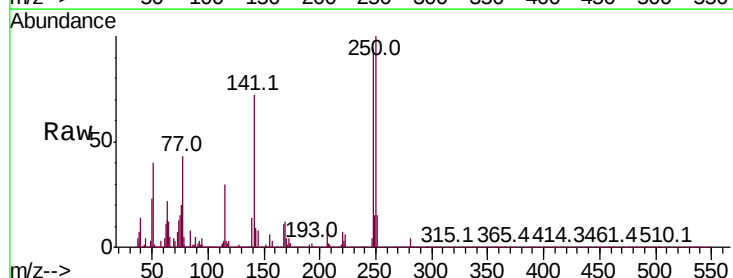
mohammad  
3/8/2021 9:36:55 AM

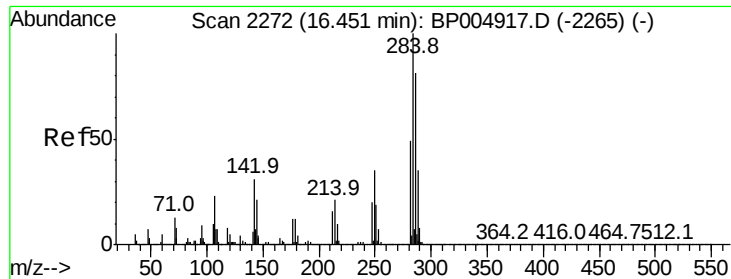


#66

4-Bromophenyl-phenylether  
Concen: 3.350 ng/ul  
RT: 16.34 min Scan# 2253  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 106.9 | 82.2  | 123.2 |
| 141     | 76.7  | 57.7  | 86.5  |





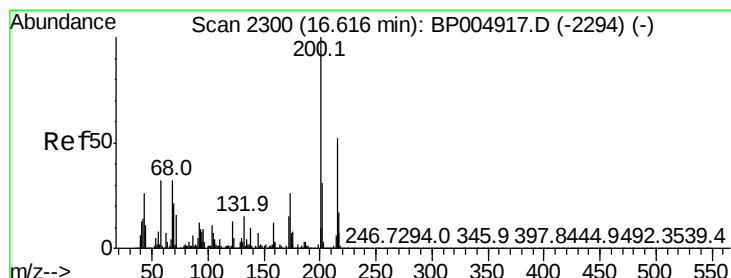
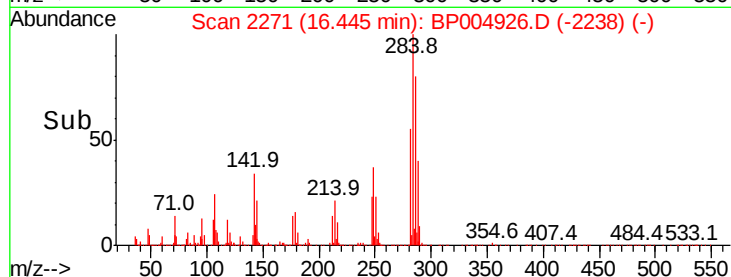
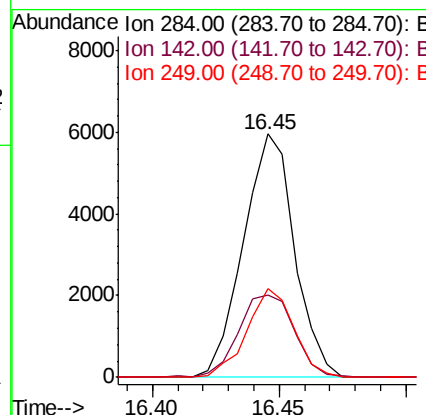
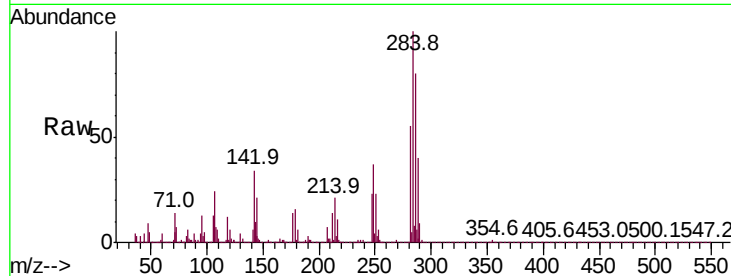
#67  
Hexachlorobenzene  
Concen: 3.488 ng/ul  
RT: 16.45 min Scan# 2271  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 284   | Resp: | 8387 |
| Ion Ratio | Lower | Upper |      |
| 284       | 100   |       |      |
| 142       | 31.0  | 23.6  | 35.4 |
| 249       | 37.4  | 26.2  | 39.2 |

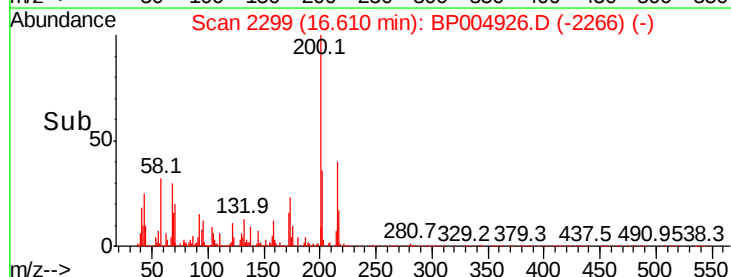
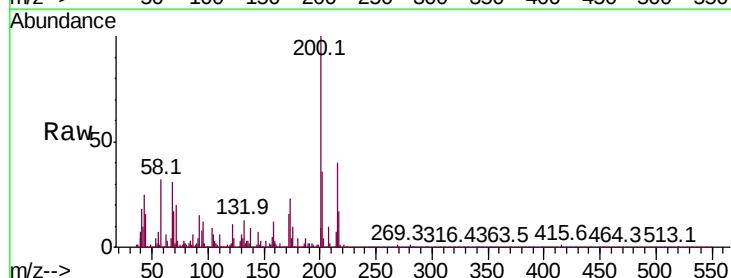
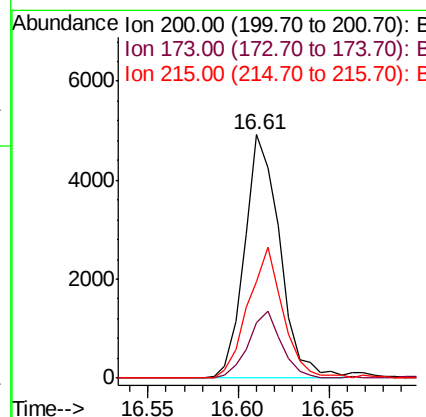
Manual Integrations  
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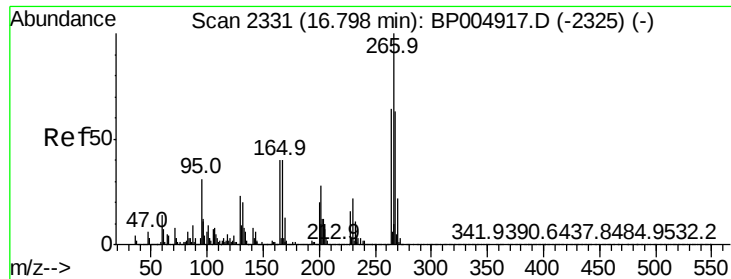
mohammad  
3/8/2021 9:36:55 AM



#68  
Atrazine  
Concen: 3.158 ng/ul  
RT: 16.61 min Scan# 2299  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 6665  |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 22.7  | 19.6  | 29.4  |
| 215       | 39.7  | 41.0  | 61.6# |





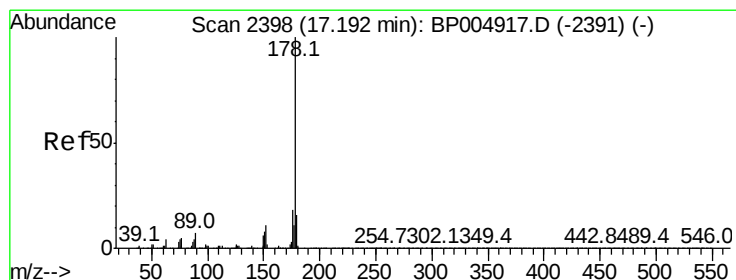
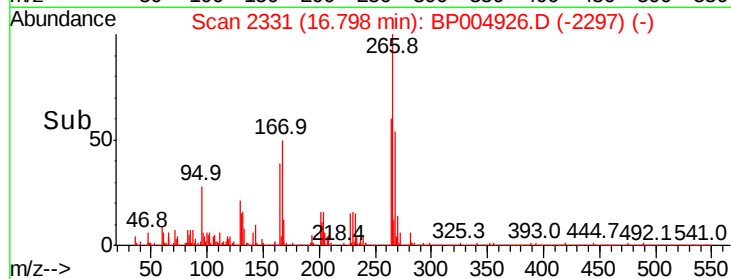
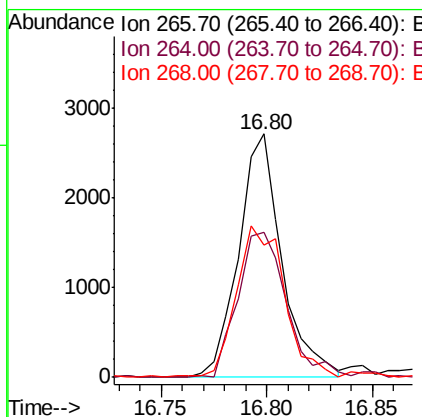
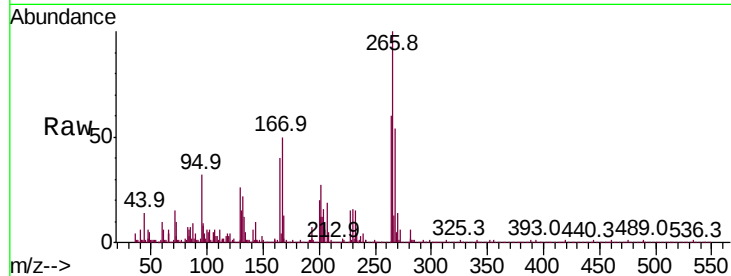
#69  
 Pentachlorophenol  
 Concen: 2.589 ng/ul  
 RT: 16.80 min Scan# 2331  
 Delta R.T. -0.00 min  
 Lab File: BP004926.D  
 Acq: 05 Mar 2021 20:40

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 59.6  | 51.6  | 77.4  |
| 268     | 58.8  | 56.6  | 85.0  |

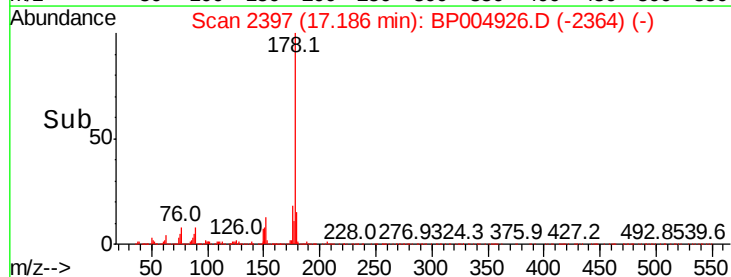
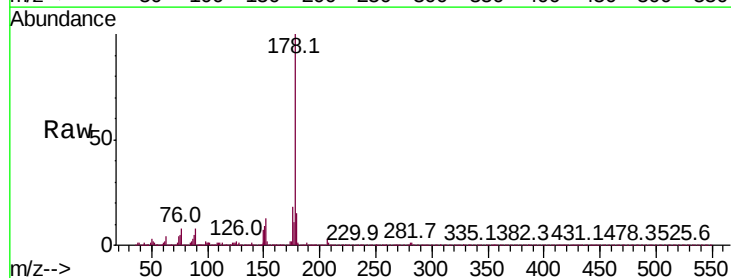
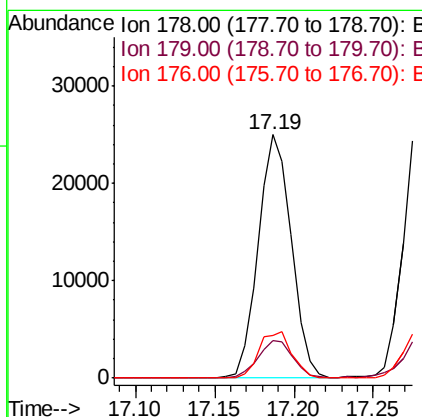
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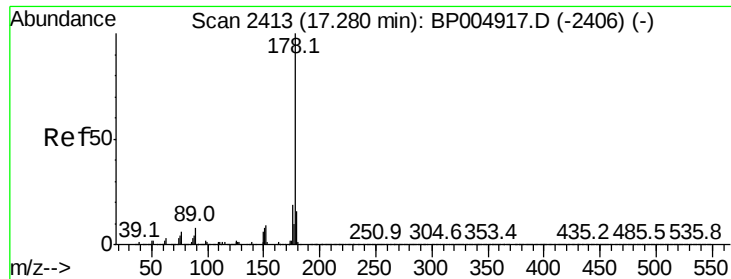
mohammad  
 3/8/2021 9:36:55 AM



#70  
 Phenanthrene  
 Concen: 3.716 ng/ul  
 RT: 17.19 min Scan# 2397  
 Delta R.T. -0.01 min  
 Lab File: BP004926.D  
 Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.4  | 12.1  | 18.1  |
| 176     | 17.6  | 15.0  | 22.6  |





#72

Anthracene

Concen: 3.869 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

Instrument :

BNA\_P

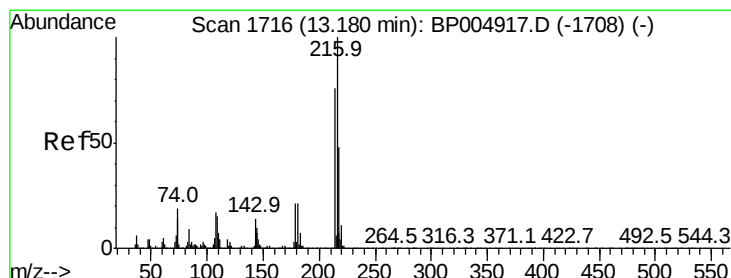
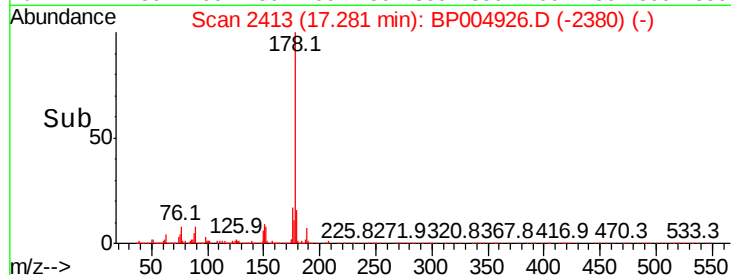
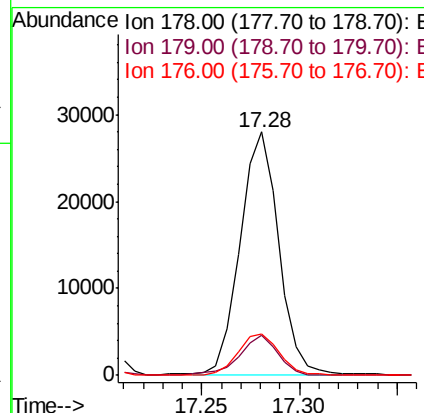
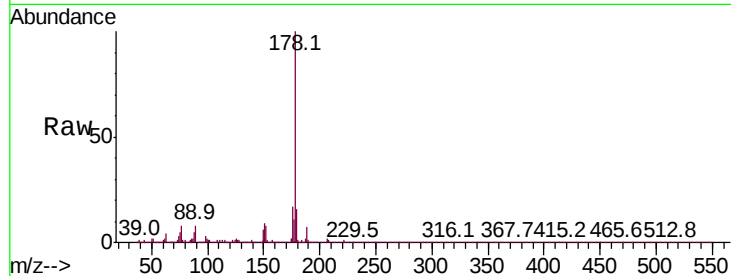
ClientSampleId :

MDL-ME-SOIL-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 178   | Resp: | 38480 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 179       | 16.5  | 11.8  | 17.8  |
| 176       | 17.1  | 14.5  | 21.7  |

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#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.767 ng/uL

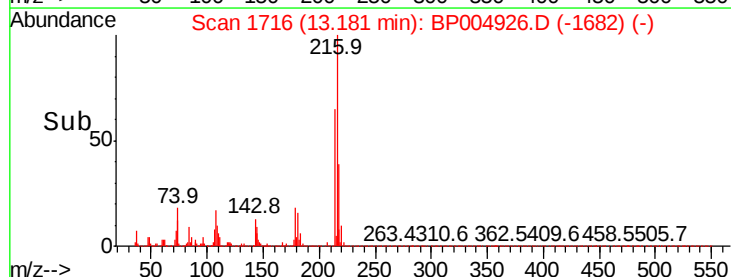
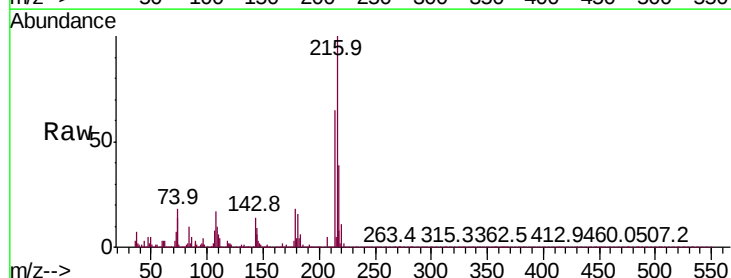
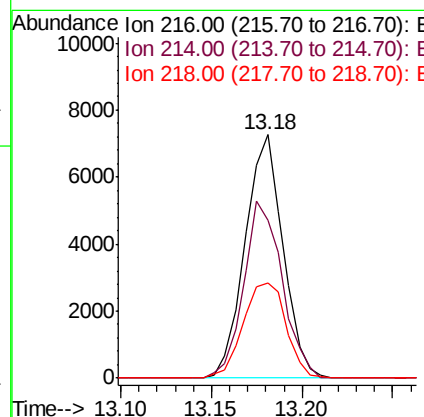
RT: 13.18 min Scan# 1716

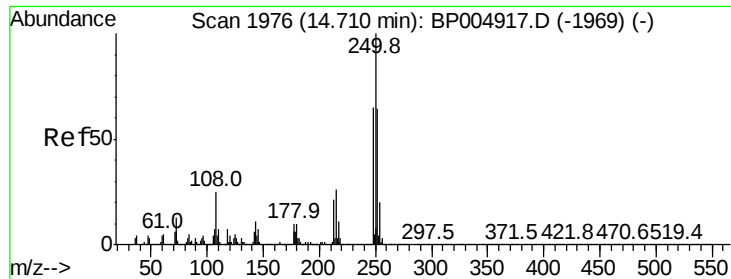
Delta R.T. -0.00 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 10563 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 64.8  | 62.2  | 93.2  |
| 218       | 38.9  | 40.5  | 60.7# |





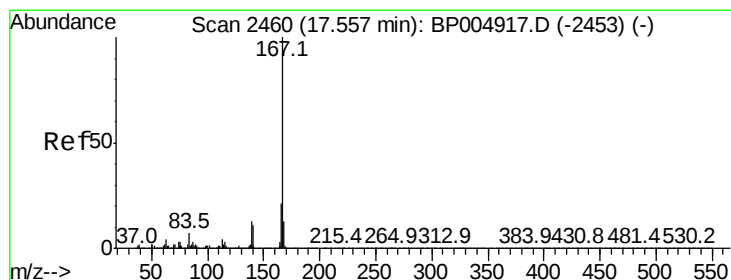
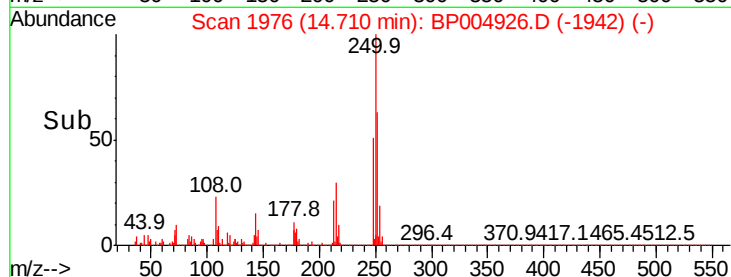
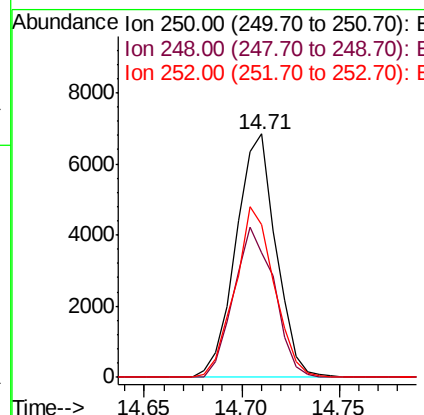
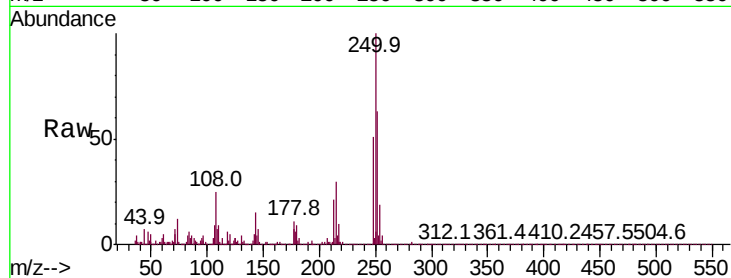
#74  
Pentachlorobenzene  
Concen: 3.440 ng/uL  
RT: 14.71 min Scan# 1976  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 48.6  | 50.4  | 75.6# |
| 252     | 59.5  | 53.3  | 79.9  |

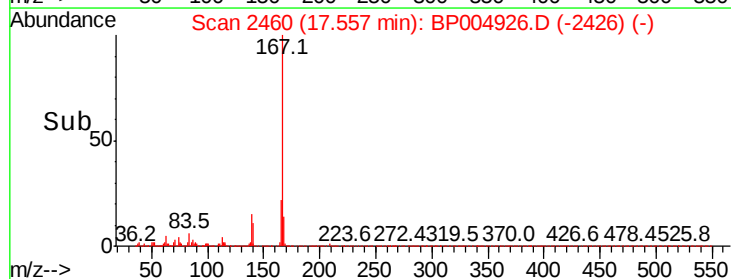
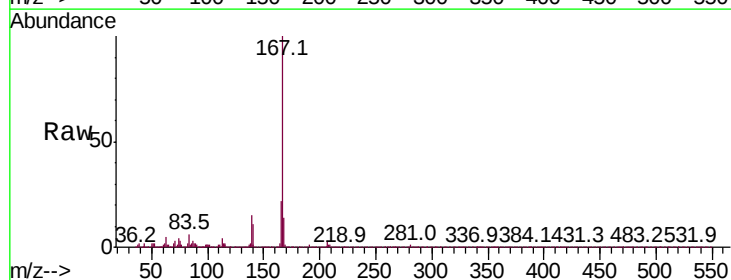
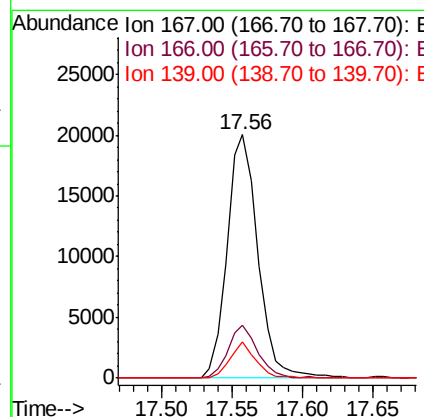
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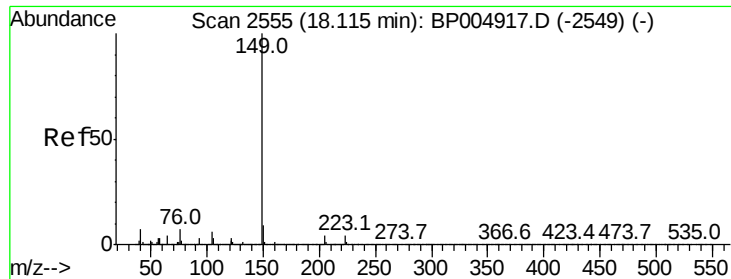
mohammad  
3/8/2021 9:36:55 AM



#75  
Carbazole  
Concen: 3.511 ng/uL  
RT: 17.56 min Scan# 2460  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 16.5  | 24.7  |
| 139     | 14.7  | 10.1  | 15.1  |





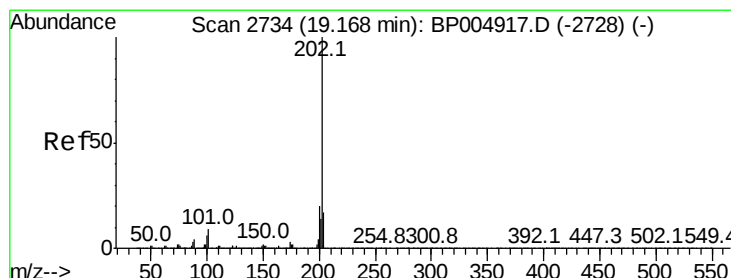
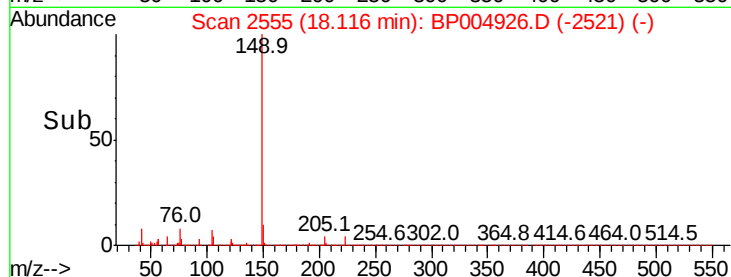
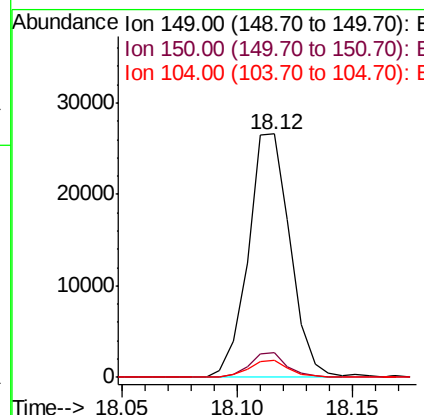
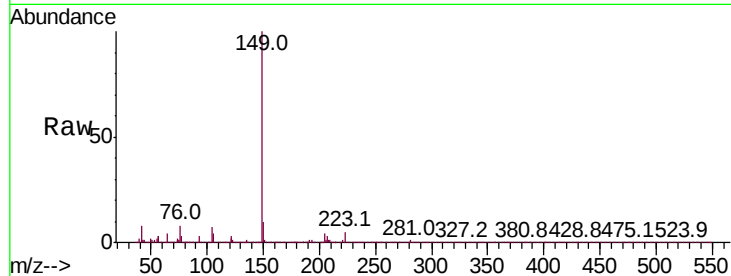
#76  
Di-n-butylphthalate  
Concen: 3.418 ng/ul  
RT: 18.12 min Scan# 2555  
Delta R.T. -0.00 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.1  | 7.4   | 11.2  |
| 104     | 7.0   | 4.8   | 7.2   |

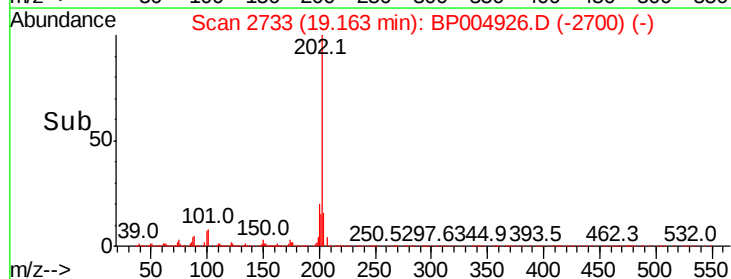
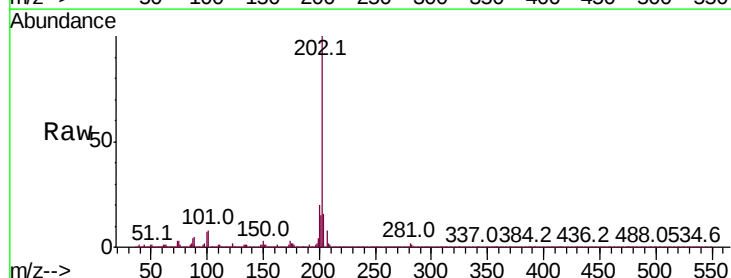
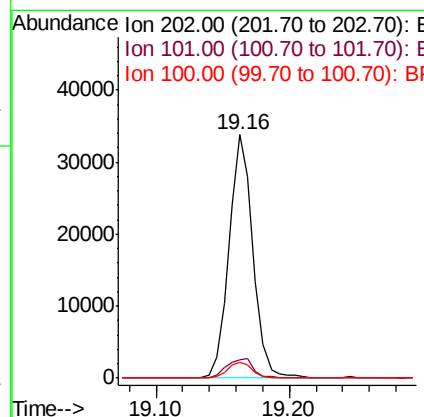
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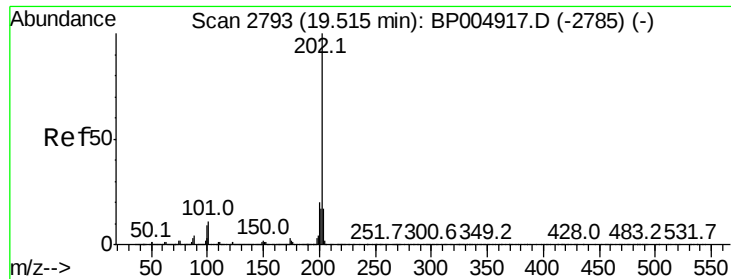
mohammad  
3/8/2021 9:36:55 AM



#77  
Fluoranthene  
Concen: 3.549 ng/ul  
RT: 19.16 min Scan# 2733  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.6   | 6.5   | 9.7   |
| 100     | 6.6   | 5.3   | 7.9   |





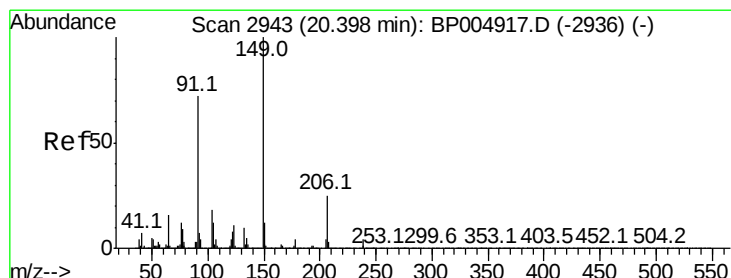
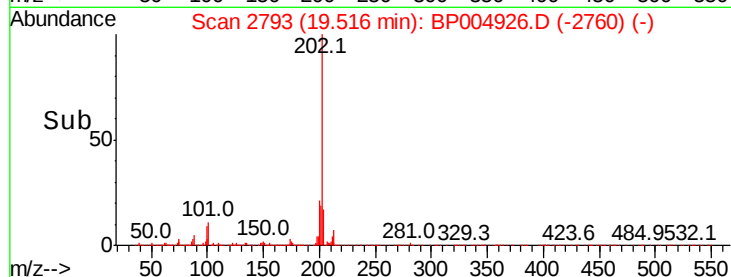
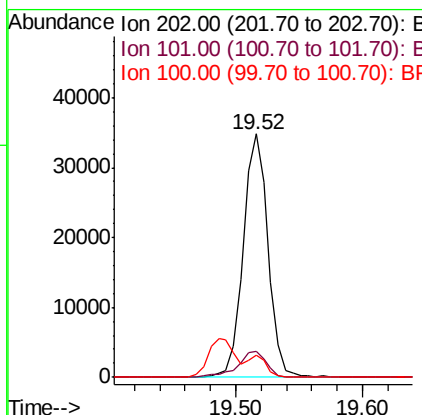
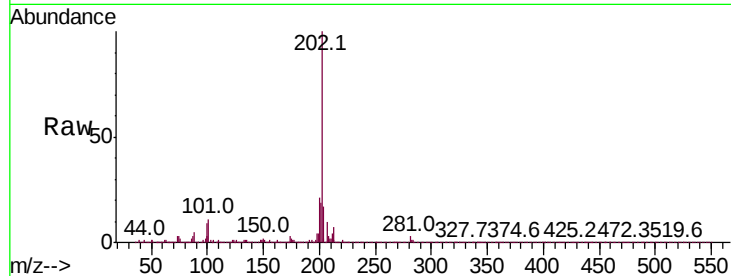
#80  
Pvrene  
Concen: 3.906 ng/ul  
RT: 19.52 min Scan# 2793  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 10.8  | 7.8        | 11.6  |
| 100     | 9.0   | 6.5        | 9.7   |

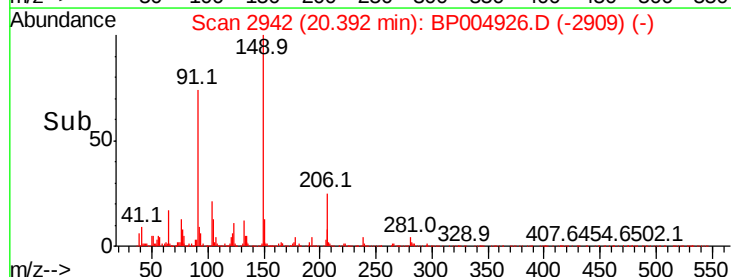
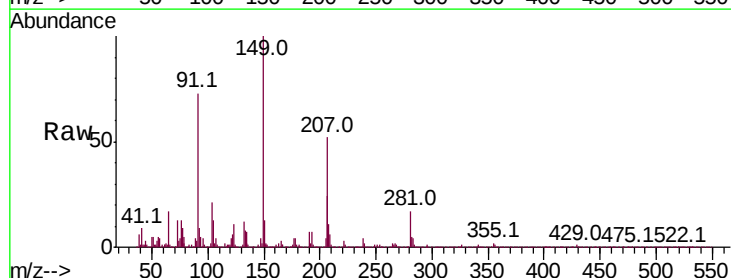
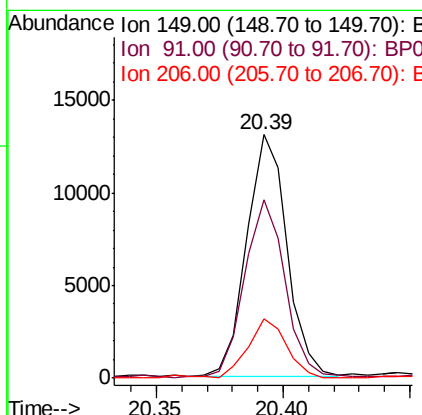
Manual Integrations  
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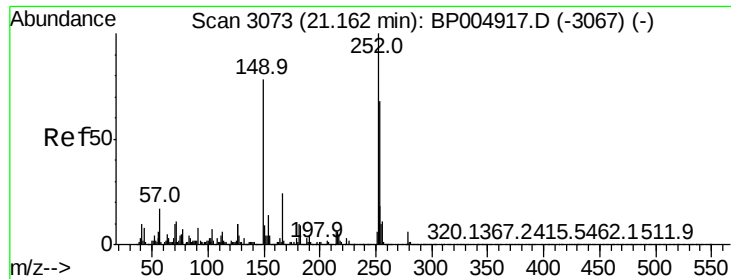
mohammad  
3/8/2021 9:36:55 AM



#81  
Butylbenzylphthalate  
Concen: 3.387 ng/ul  
RT: 20.39 min Scan# 2942  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 91      | 73.5  | 57.6       | 86.4  |
| 206     | 24.4  | 20.8       | 31.2  |





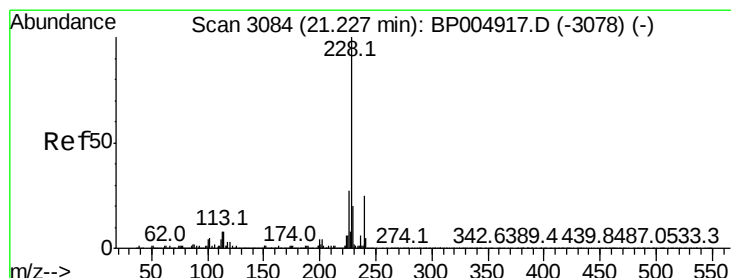
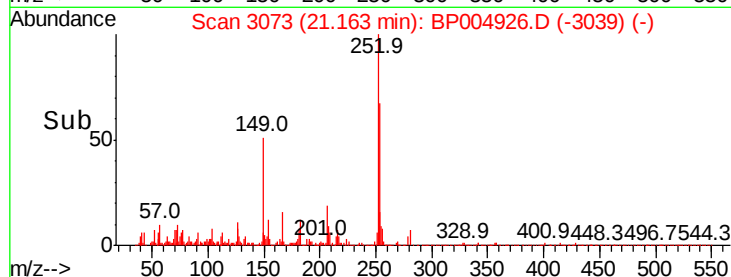
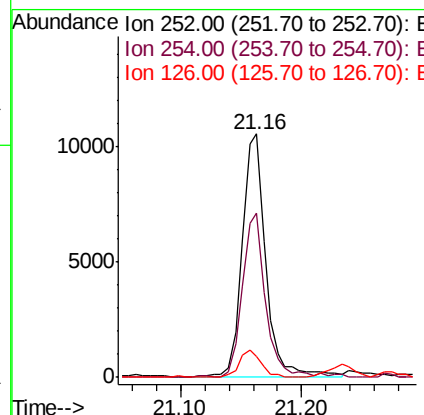
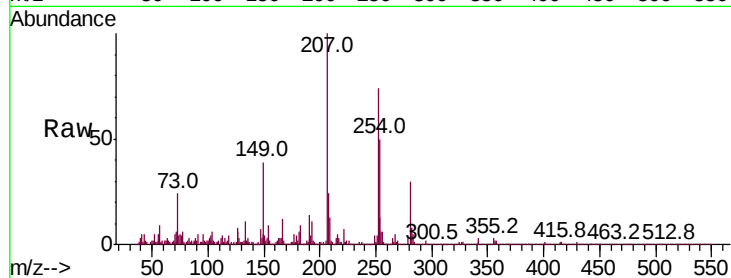
#82  
 3,3'-Dichlorobenzidine  
 Concen: 3.377 ng/ul  
 RT: 21.16 min Scan# 3073  
 Delta R.T. -0.00 min  
 Lab File: BP004926.D  
 Acq: 05 Mar 2021 20:40

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 67.2  | 52.5  | 78.7  |
| 126     | 8.6   | 6.6   | 10.0  |

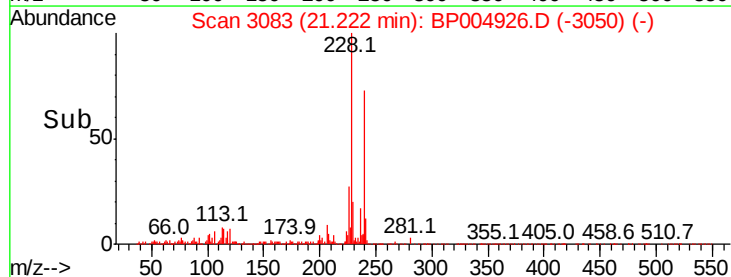
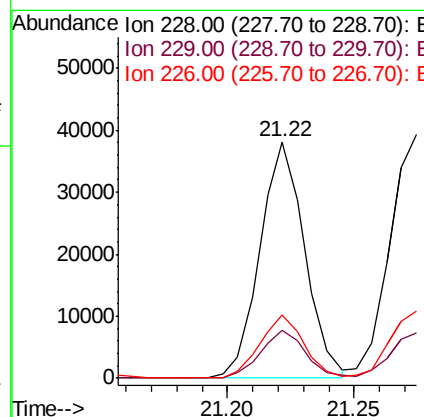
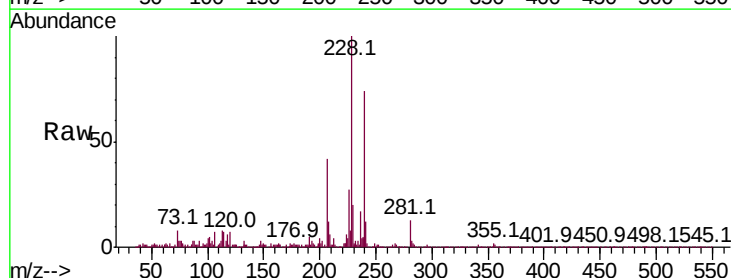
Manual Integrations  
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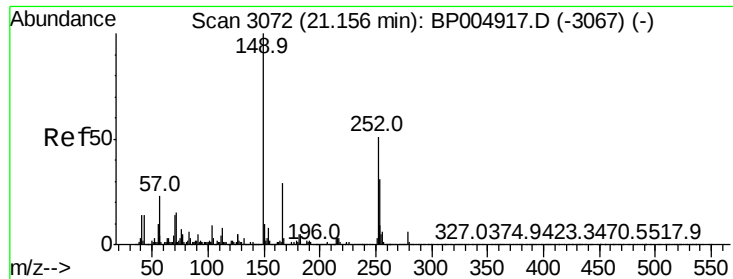
mohammad  
 3/8/2021 9:36:55 AM



#83  
 Benzo(a)anthracene  
 Concen: 3.748 ng/ul  
 RT: 21.22 min Scan# 3083  
 Delta R.T. -0.01 min  
 Lab File: BP004926.D  
 Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 20.2  | 16.3  | 24.5  |
| 226     | 26.7  | 20.6  | 30.8  |





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.358 ng/ul

RT: 21.15 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

Instrument :

BNA\_P

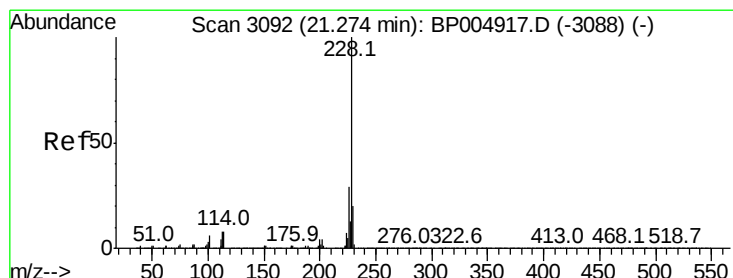
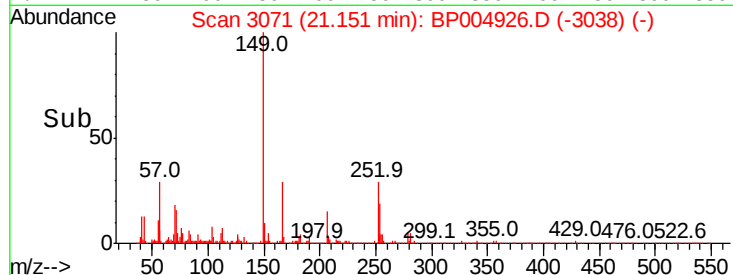
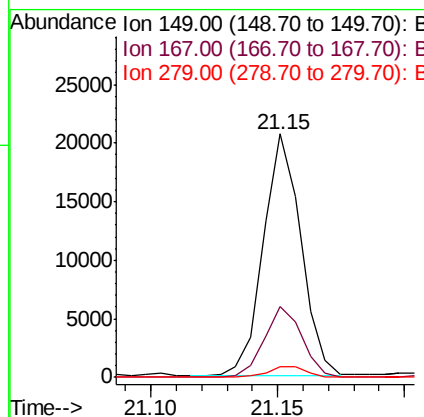
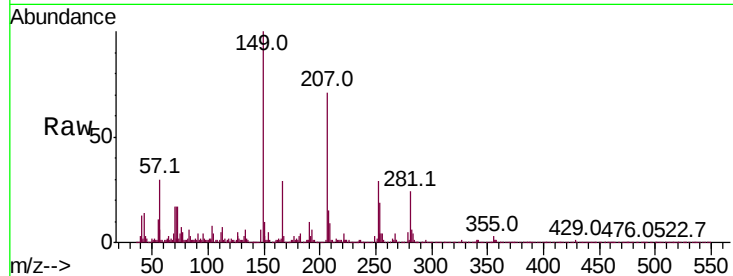
ClientSampleId :

MDL-ME-SOIL-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 149   | Resp: | 21273 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 29.3  | 24.6  | 37.0  |
| 279       | 4.6   | 5.4   | 8.2#  |

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3/8/2021 9:36:55 AM



#85

Chrysene

Concen: 3.908 ng/ul

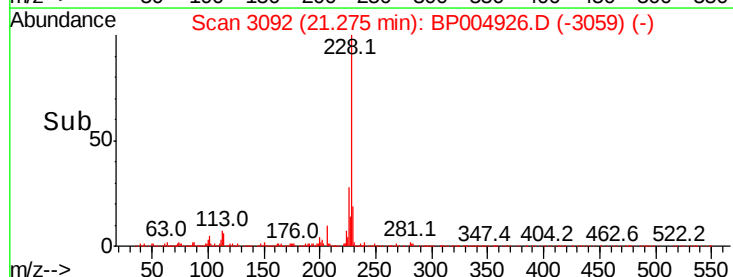
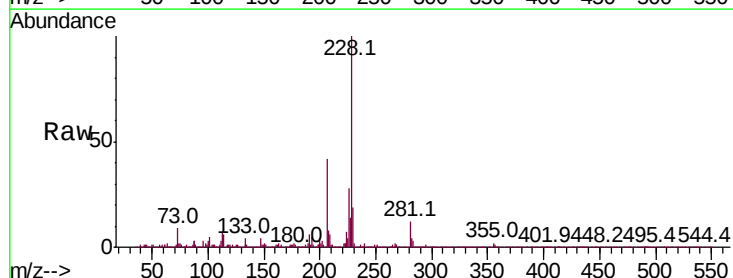
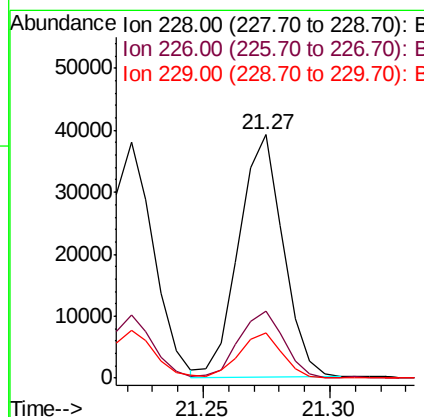
RT: 21.27 min Scan# 3092

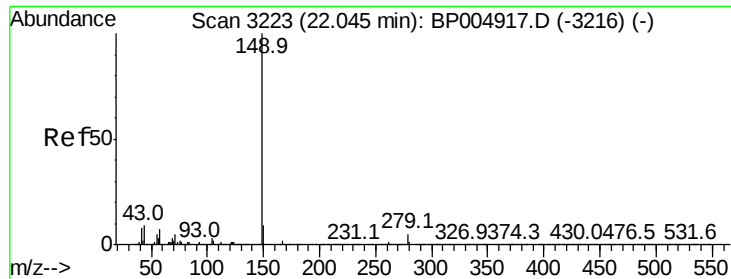
Delta R.T. -0.01 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 47509 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 27.7  | 23.7  | 35.5  |
| 229       | 18.6  | 16.0  | 24.0  |





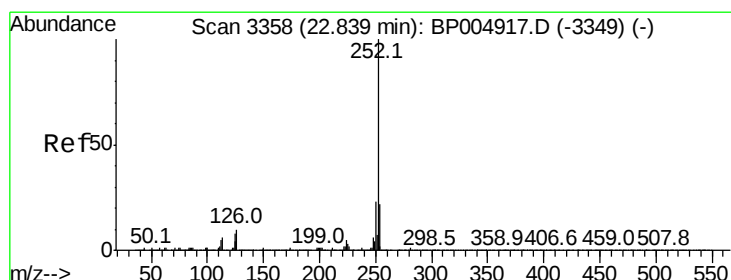
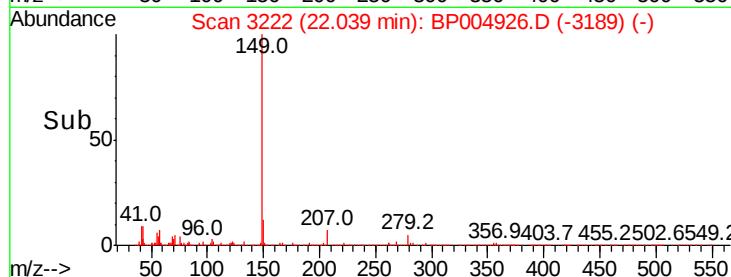
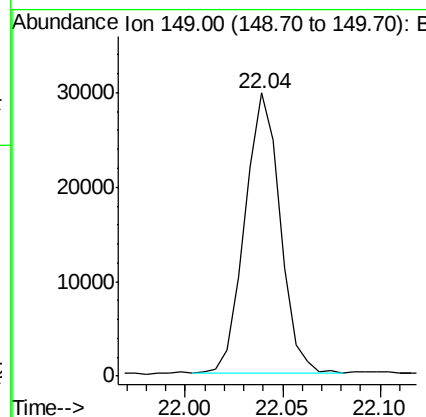
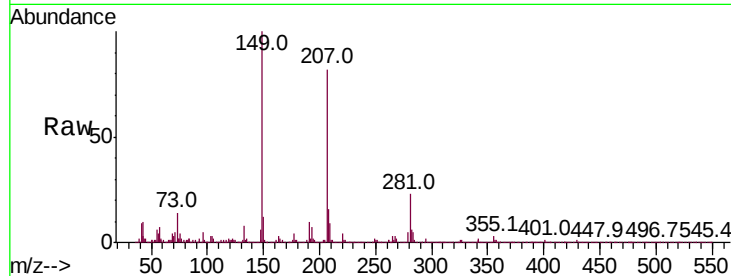
#87  
Di-n-octyl phthalate  
Concen: 3.224 ng/uL  
RT: 22.04 min Scan# 3222  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

Tgt Ion:149 Resp: 37237

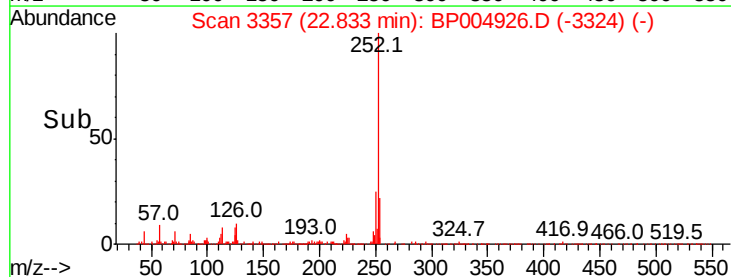
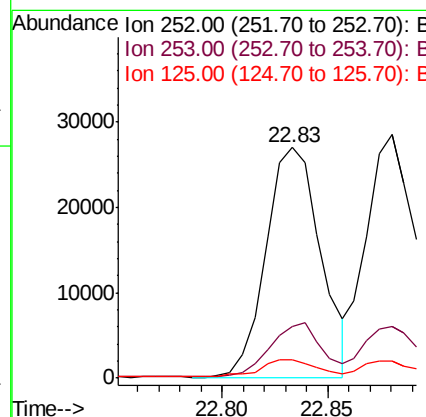
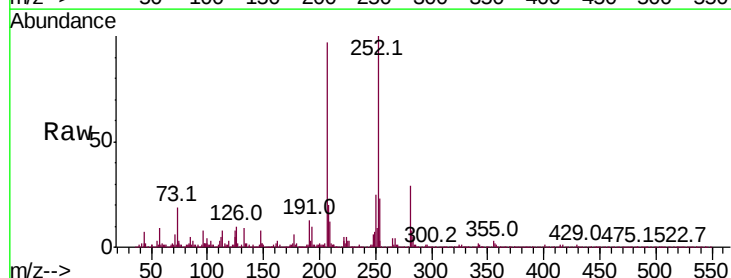
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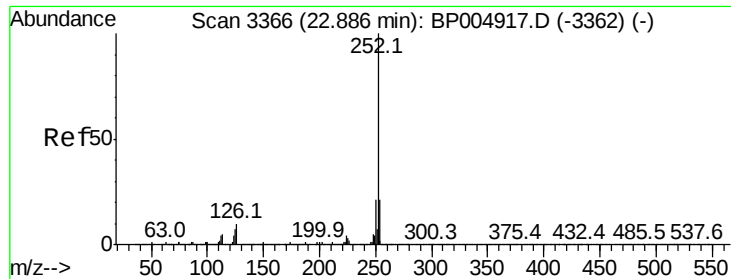
mohammad  
3/8/2021 9:36:55 AM



#88  
Benzo(b)fluoranthene  
Concen: 3.807 ng/uL  
RT: 22.83 min Scan# 3357  
Delta R.T. -0.01 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Tgt Ion:252 Resp: 48474  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.1 25.7  
125 8.1 5.8 8.8





#89

Benzo(k)fluoranthene

Concen: 3.733 ng/ul

RT: 22.88 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

Instrument :

BNA\_P

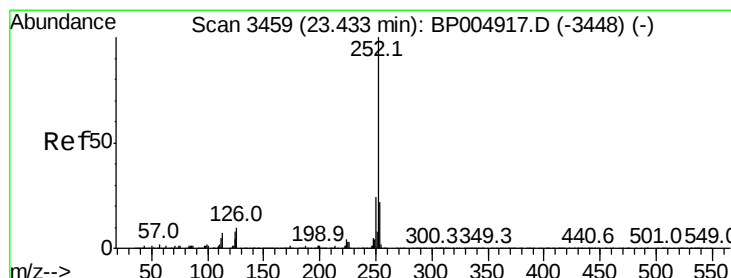
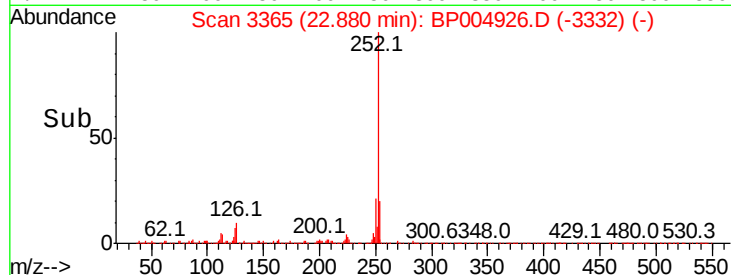
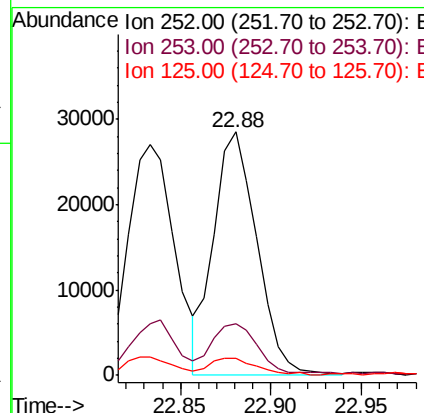
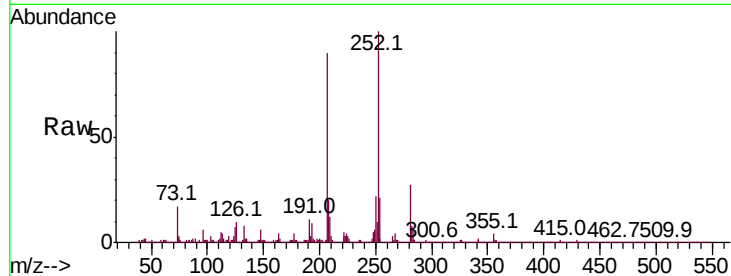
ClientSampleId :

MDL-ME-SOIL-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 252   | Resp: | 47093 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 21.3  | 17.4  | 26.0  |
| 125       | 7.0   | 5.7   | 8.5   |

Manual Integrations  
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#91

Benzo(a)pyrene

Concen: 3.832 ng/ul

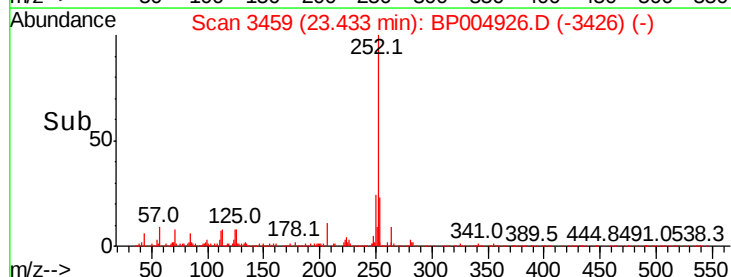
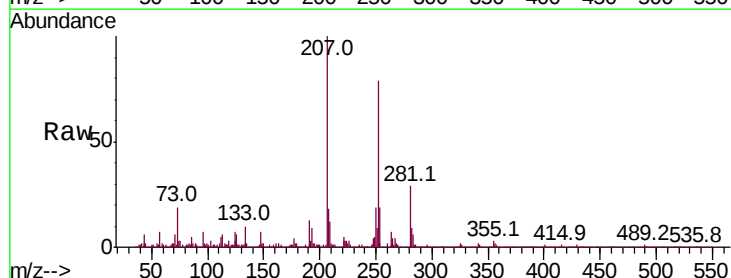
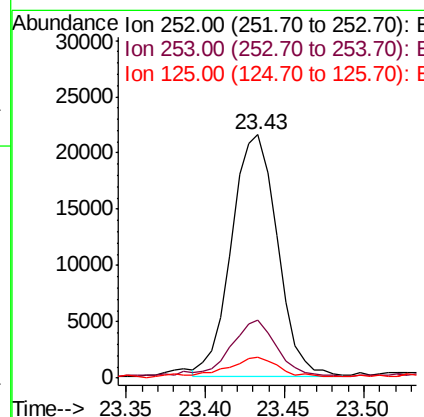
RT: 23.43 min Scan# 3459

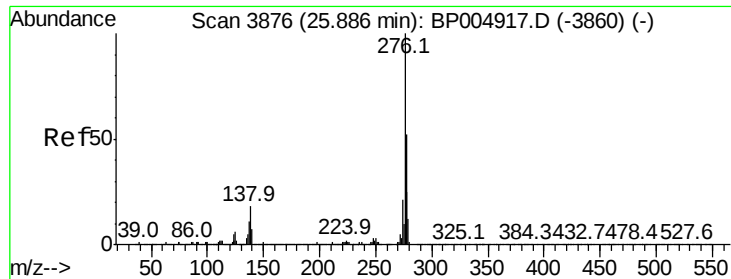
Delta R.T. -0.01 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 43162 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 23.7  | 17.6  | 26.4  |
| 125       | 8.7   | 6.0   | 9.0   |





#92

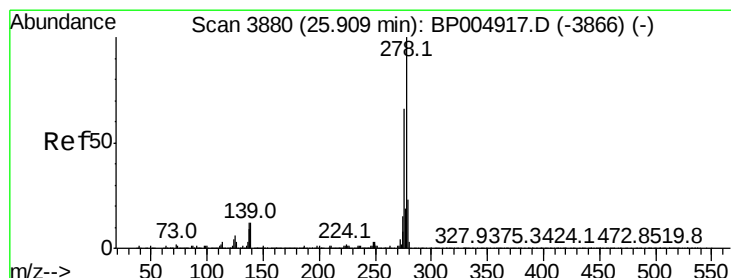
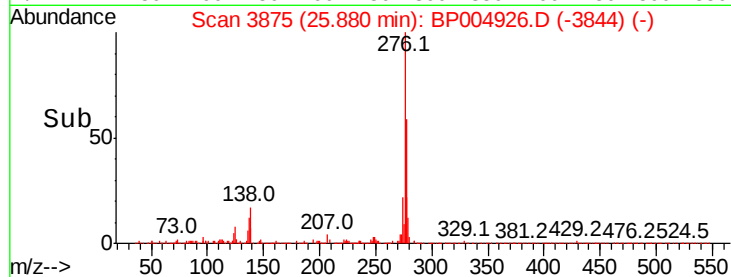
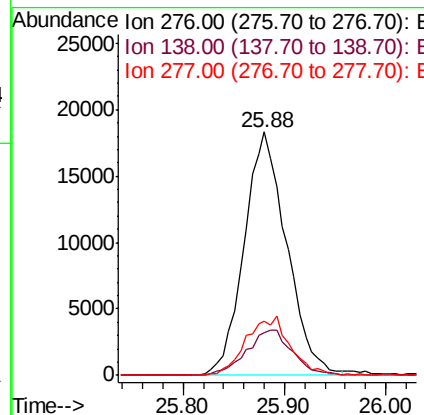
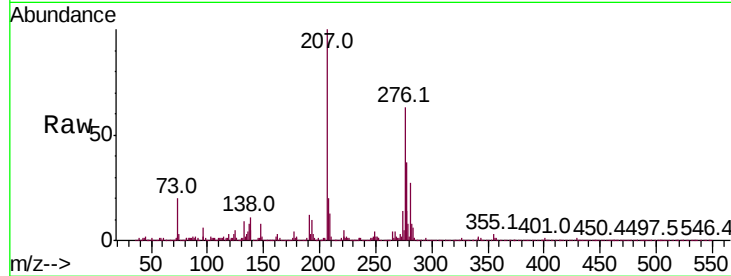
Indeno(1,2,3-cd)pyrene  
Concen: 3.660 ng/ul  
RT: 25.88 min Scan# 3875  
Delta R.T. -0.02 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 17.3  | 14.3  | 21.5  |
| 277     | 22.1  | 20.6  | 30.8  |

Manual Integrations  
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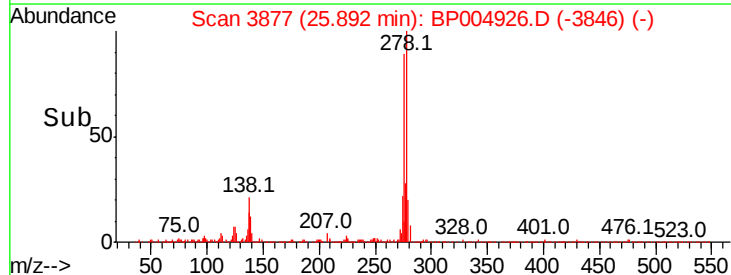
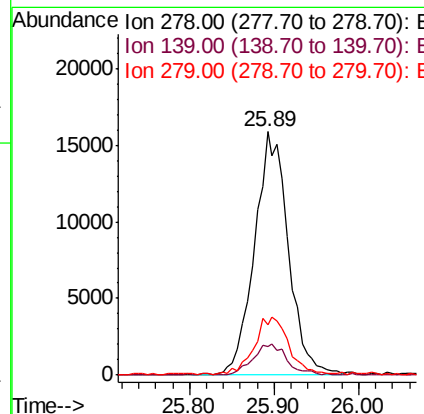
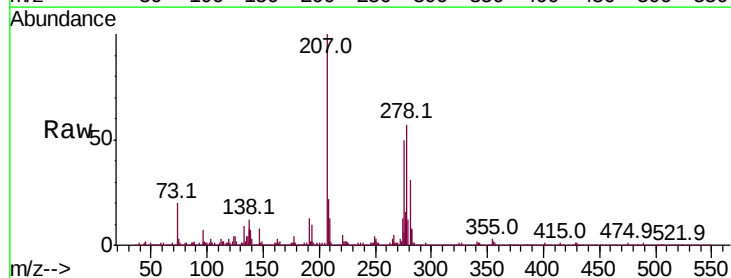
mohammad  
3/8/2021 9:36:55 AM

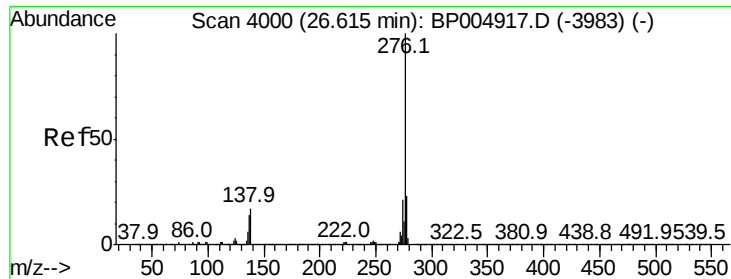


#93

Dibenzo(a,h)anthracene  
Concen: 3.562 ng/ul  
RT: 25.89 min Scan# 3877  
Delta R.T. -0.02 min  
Lab File: BP004926.D  
Acq: 05 Mar 2021 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.4  | 9.3   | 13.9# |
| 279     | 20.4  | 18.9  | 28.3  |





#94

Benzo(a,h,i)perylene

Concen: 3.683 ng/ul

RT: 26.60 min Scan# 3998

Delta R.T. -0.01 min

Lab File: BP004926.D

Acq: 05 Mar 2021 20:40

Instrument :

BNA\_P

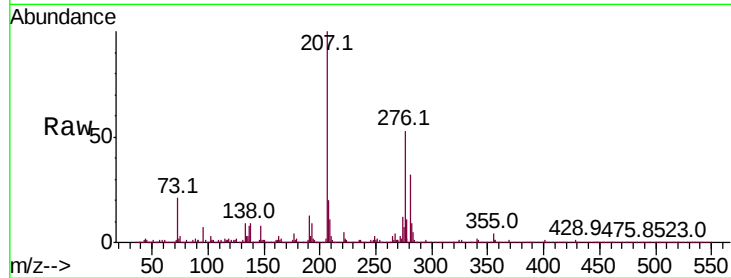
ClientSampleId :

MDL-ME-SOIL-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 276   | Resp: | 44775 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 17.3  | 12.4  | 18.6  |
| 277       | 20.6  | 20.1  | 30.1  |

Manual Integrations  
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

