

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030321\  
 Data File : BP004902.D  
 Acq On : 03 Mar 2021 19:58  
 Operator : CG/JU  
 Sample : M1534-15  
 Misc : SOM-MDL-MES-01  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleID :  
 MDL-ME-SOIL-01

Manual Integrations  
 APPROVED

mohammad  
 3/4/2021 11:33:42 AM

Quant Time: Mar 04 03:37:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP030221MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 03 10:35:24 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74  | 152  | 28610    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.53 | 136  | 113112   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.39 | 164  | 72957    | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 17.15 | 188  | 167881   | 20.00 | ng/ul | -0.01    |
| 78) Chrysene-d12          | 21.24 | 240  | 191572   | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.54 | 264  | 191409   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 3391   | 4.66  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.92  | 99  | 79090  | 33.95 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.08  | 67  | 46072  | 38.13 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4           | 7.28  | 132 | 65575  | 36.49 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.45  | 113 | 63165  | 34.02 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.90  | 128 | 32198  | 39.08 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.62  | 143 | 34260  | 37.03 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.16 | 165 | 62525  | 35.74 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.67 | 131 | 82118  | 41.06 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.80 | 166 | 200973 | 37.65 | ng/ul | -0.01 |
| 47) Acenaphthylene-d8          | 14.08 | 160 | 240864 | 36.86 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4           | 14.60 | 143 | 32601m | 34.14 | ng/ul | -0.01 |
| 58) Fluorene-d10               | 15.39 | 176 | 175610 | 38.70 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 35835  | 32.74 | ng/ul | -0.01 |
| 71) Anthracene-d10             | 17.25 | 188 | 281117 | 36.92 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.49 | 212 | 325574 | 36.01 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.39 | 264 | 374589 | 38.18 | ng/ul | -0.01 |

## Target Compounds

|                                |       |     |       |       | Ovalue |     |
|--------------------------------|-------|-----|-------|-------|--------|-----|
| 2) 1,4-Dioxane                 | 3.27  | 88  | 701   | 0.886 | ng/uL# | 86  |
| 4) Benzaldehyde                | 6.89  | 77  | 7119  | 5.978 | ng/ul  | 92  |
| 6) Phenol                      | 6.94  | 94  | 9940  | 4.058 | ng/ul# | 88  |
| 8) Bis(2-Chloroethyl)ether     | 7.17  | 93  | 7558  | 4.193 | ng/ul  | 92  |
| 10) 2-Chlorophenol             | 7.30  | 128 | 7895  | 4.194 | ng/ul  | 98  |
| 11) 2-Methylphenol             | 8.19  | 108 | 7244  | 3.966 | ng/ul  | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.27  | 45  | 4537  | 3.893 | ng/ul# | 82  |
| 14) Acetophenone               | 8.56  | 105 | 12664 | 4.126 | ng/ul  | 91  |
| 15) N-Nitroso-di-n-propylamine | 8.55  | 70  | 6266  | 4.221 | ng/ul# | 87  |
| 16) 4-Methylphenol             | 8.52  | 108 | 7924  | 4.032 | ng/ul  | 93  |
| 17) Hexachloroethane           | 8.82  | 117 | 3415  | 4.121 | ng/ul  | 85  |
| 20) Nitrobenzene               | 8.94  | 77  | 10369 | 4.641 | ng/ul# | 89  |
| 21) Isophorone                 | 9.47  | 82  | 15490 | 4.053 | ng/ul  | 95  |
| 23) 2-Nitrophenol              | 9.65  | 139 | 4397m | 4.224 | ng/ul  |     |
| 24) 2,4-Dimethylphenol         | 9.72  | 107 | 9664  | 4.182 | ng/ul  | 91  |
| 25) Bis(2-Chloroethoxy)methane | 9.95  | 93  | 9765  | 4.231 | ng/ul  | 98  |
| 27) 2,4-Dichlorophenol         | 10.18 | 162 | 7133  | 3.963 | ng/ul# | 85  |
| 28) Naphthalene                | 10.58 | 128 | 25264 | 4.221 | ng/ul  | 98  |
| 30) 4-Chloroaniline            | 10.70 | 127 | 10061 | 4.881 | ng/ul  | 96  |
| 31) Hexachlorobutadiene        | 10.87 | 225 | 5525  | 4.190 | ng/ul  | 97  |
| 32) Caprolactam                | 11.50 | 113 | 1879m | 3.213 | ng/ul  |     |
| 33) 4-Chloro-3-methylphenol    | 11.83 | 107 | 8035  | 3.920 | ng/ul# | 94  |
| 34) 2-Methylnaphthalene        | 12.20 | 142 | 17450 | 4.097 | ng/ul  | 97  |

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 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
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 MDL-ME-SOIL-01

Manual Integrations  
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 3/4/2021 11:33:42 AM

Quant Time: Mar 04 03:37:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP030221MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 03 10:35:24 2021  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.42 | 142  | 16464    | 3.978 | ng/ul  | 96       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.57 | 216  | 9876     | 4.223 | ng/ul  | 89       |
| 38) Hexachlorocyclopentadiene  | 12.55 | 237  | 4980     | 3.341 | ng/ul  | 93       |
| 39) 2,4,6-Trichlorophenol      | 12.82 | 196  | 5843     | 3.989 | ng/ul  | 86       |
| 40) 2,4,5-Trichlorophenol      | 12.89 | 196  | 5590     | 3.561 | ng/ul  | 86       |
| 41) 1,1'-Biphenyl              | 13.22 | 154  | 23984    | 4.391 | ng/ul  | 99       |
| 42) 2-Chloronaphthalene        | 13.26 | 162  | 17866    | 4.161 | ng/ul  | 95       |
| 43) 2-Nitroaniline             | 13.47 | 65   | 4587     | 3.734 | ng/ul  | 92       |
| 45) Dimethylphthalate          | 13.85 | 163  | 23487    | 4.281 | ng/ul  | 98       |
| 46) 2,6-Dinitrotoluene         | 13.97 | 165  | 4137     | 3.771 | ng/ul  | 95       |
| 48) Acenaphthylene             | 14.11 | 152  | 27117    | 4.334 | ng/ul  | 97       |
| 49) 3-Nitroaniline             | 14.30 | 138  | 3908     | 3.901 | ng/ul# | 96       |
| 50) Acenaphthene               | 14.46 | 153  | 19314    | 4.251 | ng/ul  | 95       |
| 51) 2,4-Dinitrophenol          | 14.52 | 184  | 1890     | 2.679 | ng/ul# | 89       |
| 53) 4-Nitrophenol              | 14.62 | 109  | 4958     | 4.783 | ng/ul  | 87       |
| 54) Dibenzofuran               | 14.79 | 168  | 29302    | 4.457 | ng/ul  | 100      |
| 55) 2,4-Dinitrotoluene         | 14.76 | 165  | 6107     | 3.778 | ng/ul# | 95       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.02 | 232  | 5588     | 4.031 | ng/ul# | 97       |
| 57) Diethylphthalate           | 15.22 | 149  | 23396    | 4.217 | ng/ul  | 97       |
| 59) Fluorene                   | 15.45 | 166  | 23463    | 4.279 | ng/ul  | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.45 | 204  | 11818    | 4.092 | ng/ul  | 92       |
| 61) 4-Nitroaniline             | 15.47 | 138  | 4125     | 3.604 | ng/ul  | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 15.52 | 198  | 4547     | 4.098 | ng/ul# | 68       |
| 65) N-Nitrosodiphenylamine     | 15.66 | 169  | 19944    | 4.046 | ng/ul  | 93       |
| 66) 4-Bromophenyl-phenylether  | 16.34 | 248  | 7271     | 4.094 | ng/ul  | 95       |
| 67) Hexachlorobenzene          | 16.45 | 284  | 8363     | 4.102 | ng/ul  | 97       |
| 68) Atrazine                   | 16.62 | 200  | 6415     | 3.320 | ng/ul# | 95       |
| 69) Pentachlorophenol          | 16.80 | 266  | 3771     | 3.018 | ng/ul  | 95       |
| 70) Phenanthrene               | 17.19 | 178  | 39499    | 4.329 | ng/ul  | 98       |
| 72) Anthracene                 | 17.29 | 178  | 38258    | 4.107 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.18 | 216  | 10564    | 4.227 | ng/uL  | 99       |
| 74) Pentachlorobenzene         | 14.71 | 250  | 9798     | 4.025 | ng/uL  | 95       |
| 75) Carbazole                  | 17.56 | 167  | 30664    | 3.743 | ng/ul  | 98       |
| 76) Di-n-butylphthalate        | 18.12 | 149  | 34550    | 3.568 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.17 | 202  | 44211    | 4.039 | ng/ul  | 97       |
| 80) Pvrene                     | 19.52 | 202  | 48398    | 4.090 | ng/ul  | 98       |
| 81) Butylbenzylphthalate       | 20.40 | 149  | 14985    | 3.245 | ng/ul  | 95       |
| 82) 3,3'-Dichlorobenzidine     | 21.16 | 252  | 15278    | 3.829 | ng/ul  | 96       |
| 83) Benzo(a)anthracene         | 21.22 | 228  | 48568    | 4.103 | ng/ul  | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 22802    | 3.305 | ng/ul# | 96       |
| 85) Chrysene                   | 21.27 | 228  | 48823    | 4.233 | ng/ul  | 97       |
| 87) Di-n-octyl phthalate       | 22.04 | 149  | 40903    | 3.174 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.84 | 252  | 51407m   | 4.224 | ng/ul  |          |
| 89) Benzo(k)fluoranthene       | 22.89 | 252  | 48818    | 4.056 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 23.43 | 252  | 44573    | 4.171 | ng/ul# | 97       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.89 | 276  | 55791    | 4.080 | ng/ul# | 93       |
| 93) Dibenzo(a,h)anthracene     | 25.90 | 278  | 47021    | 4.042 | ng/ul  | 96       |
| 94) Benzo(a,h,i)perylene       | 26.61 | 276  | 46486    | 4.083 | ng/ul  | 97       |

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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

Manual Integrations  
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3/4/2021 11:33:42 AM

Quant Time: Mar 04 03:37:12 2021  
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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Mar 03 10:35:24 2021  
Response via : Initial Calibration

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

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

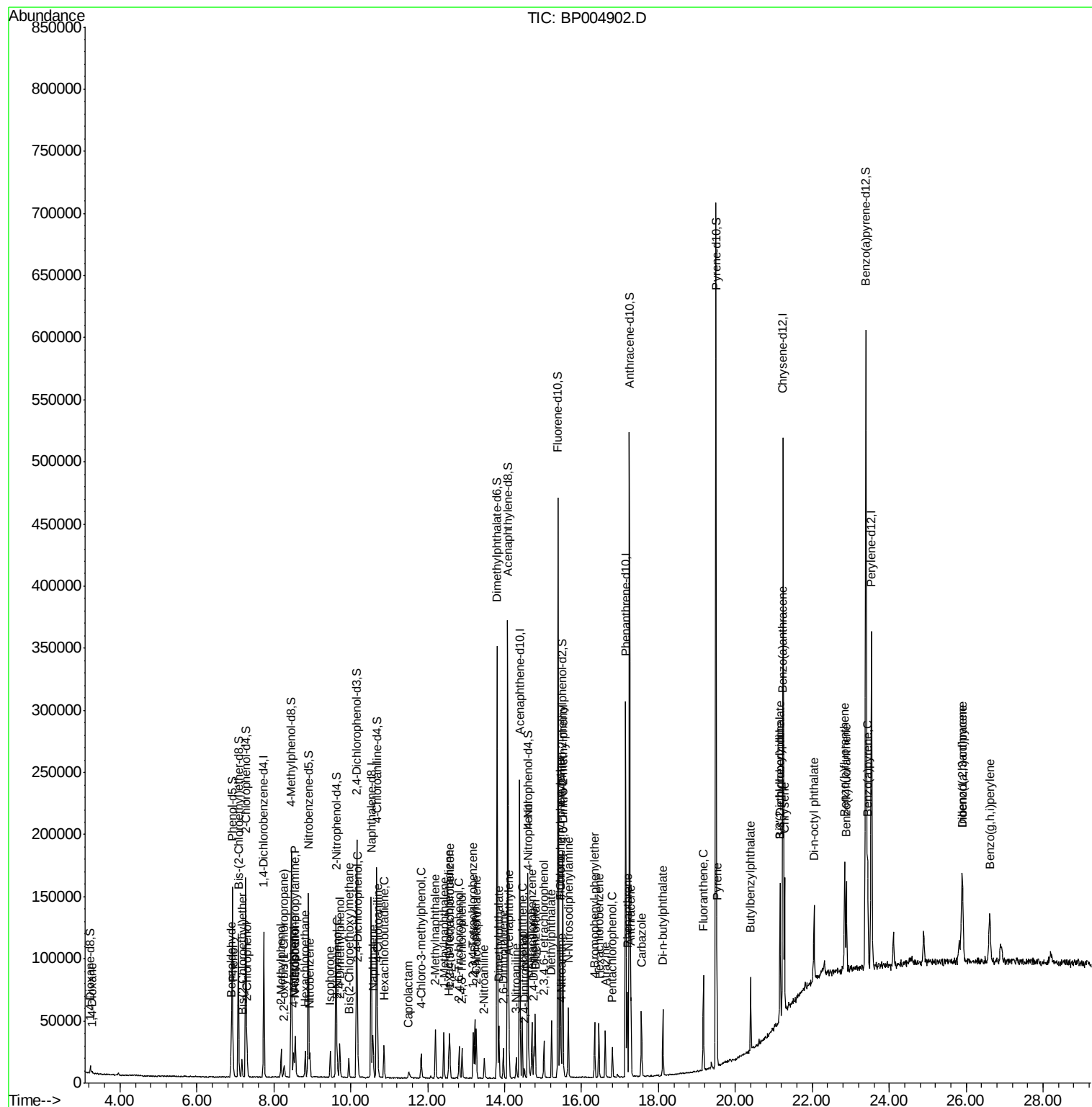
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030321\  
 Data File : BP004902.D  
 Acq On : 03 Mar 2021 19:58  
 Operator : CG/JU  
 Sample : M1534-15  
 Misc : SOM-MDL-MES-01  
 ALS Vial : 18 Sample Multiplier: 1

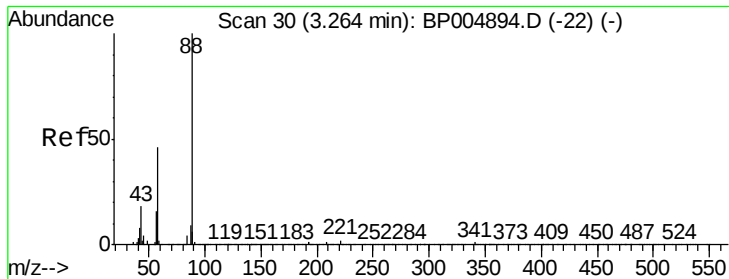
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-ME-SOIL-01

Manual Integrations  
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#2

1,4-Dioxane

Concen: 0.886 ng/uL

RT: 3.27 min Scan# 31

Delta R.T. -0.00 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

Instrument :

BNA\_P

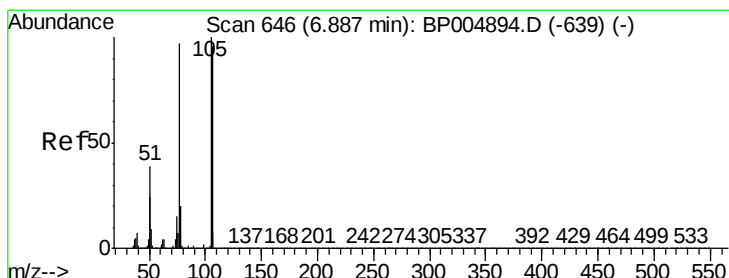
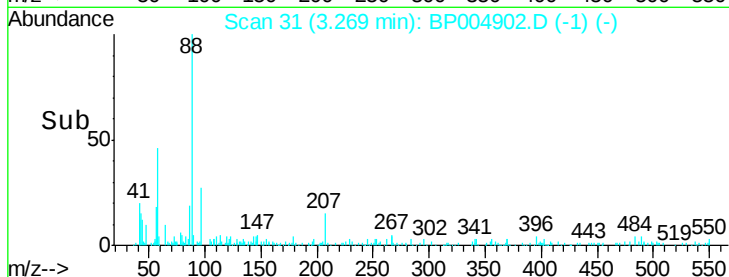
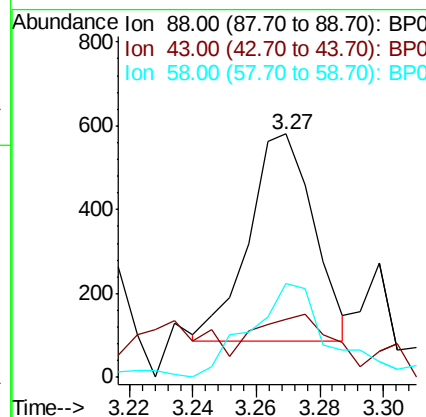
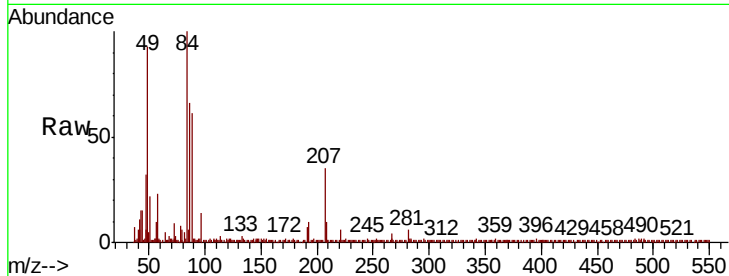
ClientSampleId :

MDL-ME-SOIL-01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 88    | Resp: | 701   |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 24.1  | 20.9  | 31.3  |
| 58        | 38.4  | 41.0  | 61.4# |

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#4

Benzaldehyde

Concen: 5.978 ng/uL

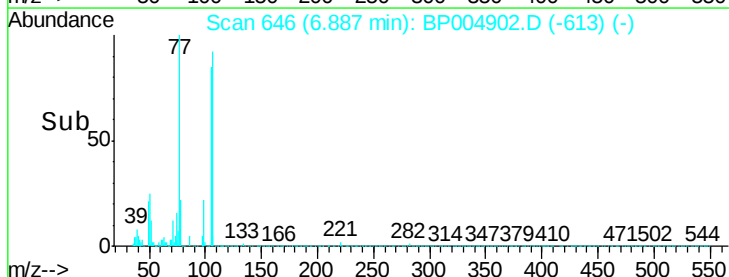
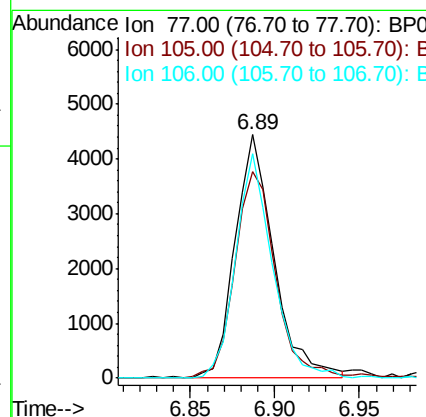
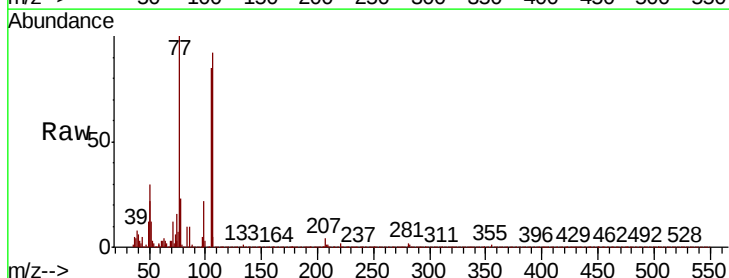
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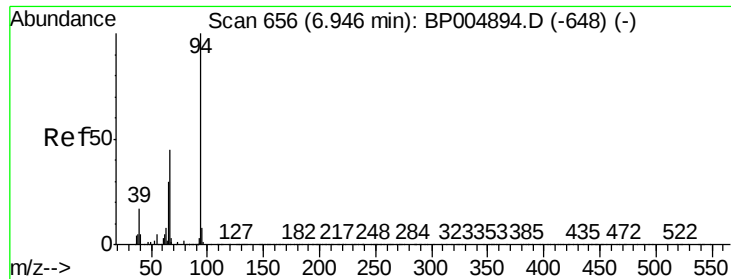
Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 7119  |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 85.1  | 75.4  | 113.2 |
| 106       | 92.0  | 69.7  | 104.5 |





#6

Phenol

Concen: 4.058 ng/ul

RT: 6.94 min Scan# 655

Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

Instrument :

BNA\_P

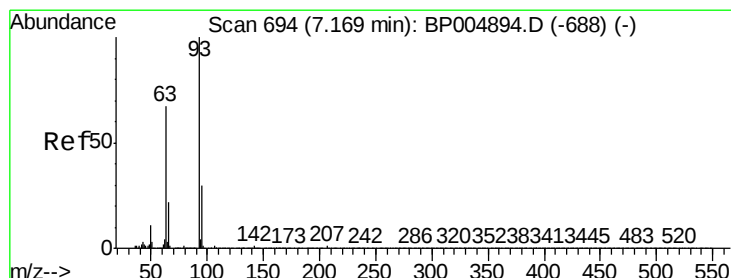
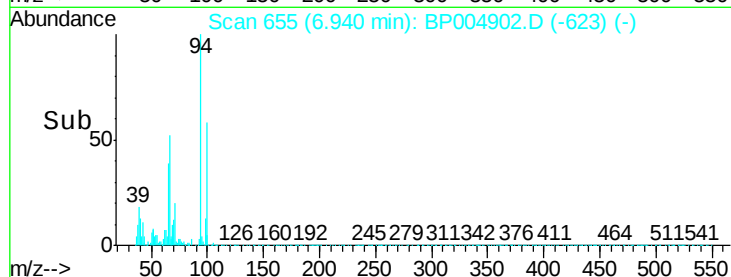
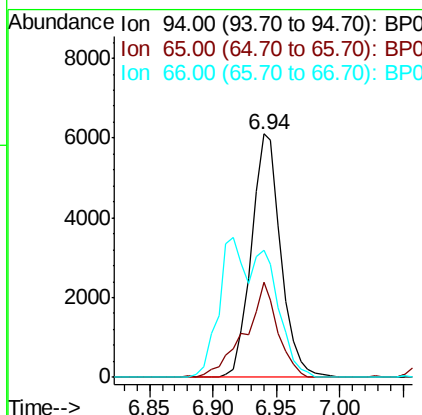
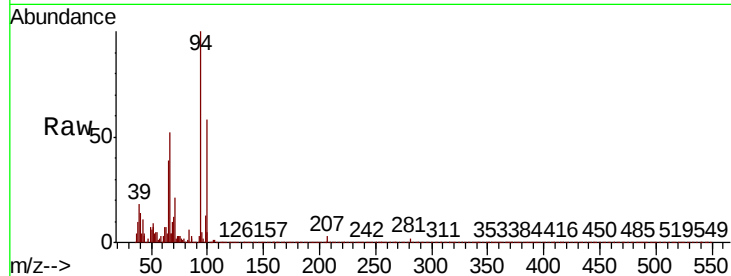
ClientSampleId :

MDL-ME-SOIL-01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 94    | Resp: | 9940  |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 39.2  | 22.8  | 34.2# |
| 66       | 52.1  | 37.8  | 56.8  |

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#8

Bis(2-Chloroethyl)ether

Concen: 4.193 ng/ul

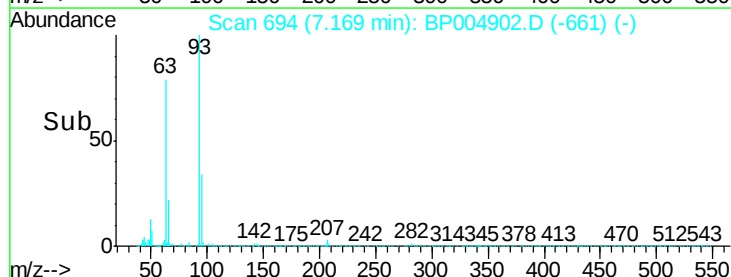
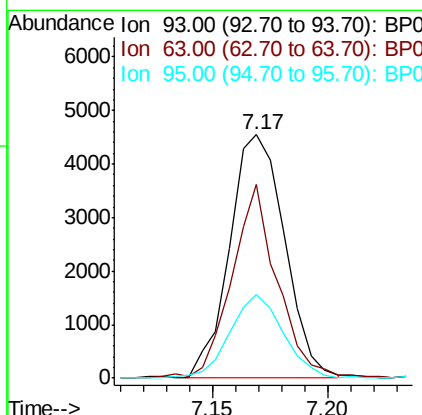
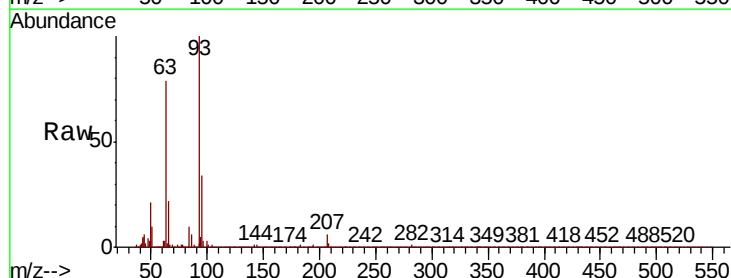
RT: 7.17 min Scan# 694

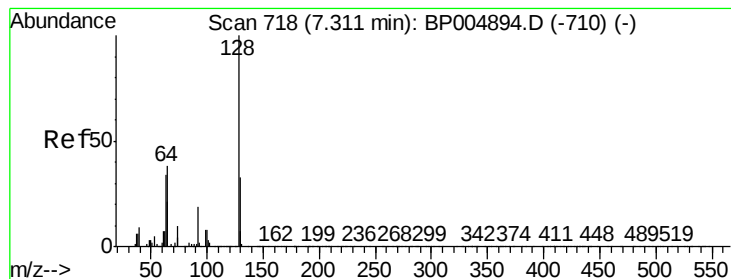
Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 7558  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 79.3  | 56.0  | 84.0  |
| 95       | 34.3  | 27.8  | 41.8  |





#10

2-Chlorophenol

Concen: 4.194 ng/ul

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

Instrument :

BNA\_P

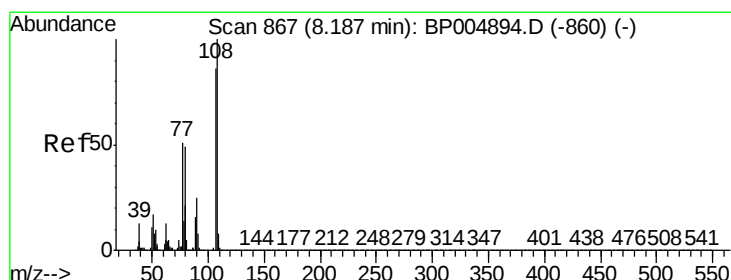
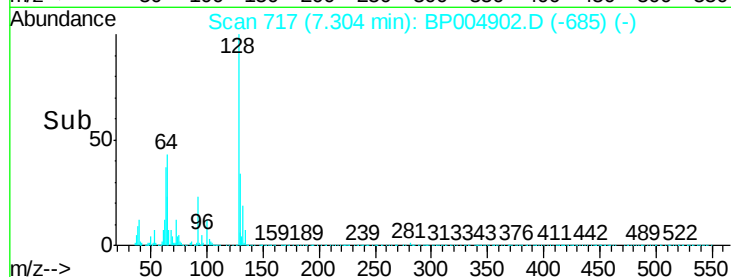
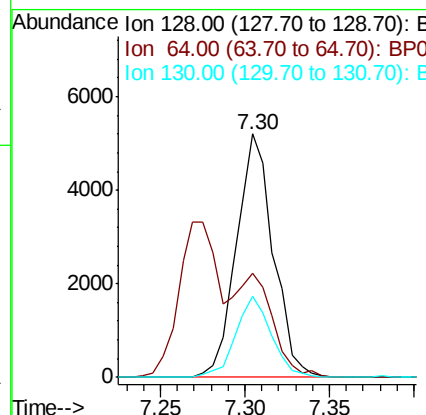
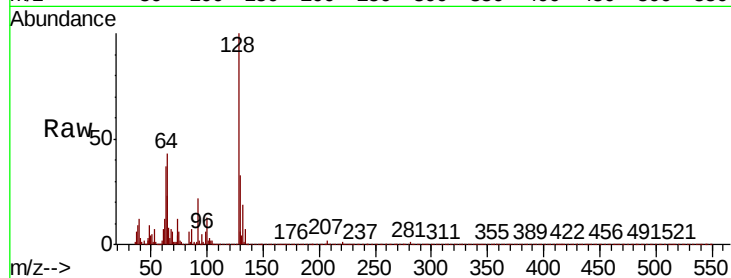
ClientSampleId :

MDL-ME-SOIL-01

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 128   | Resp: | 7895 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 64        | 42.9  | 34.8  | 52.2 |
| 130       | 33.4  | 28.6  | 43.0 |

Manual Integrations  
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3/4/2021 11:33:42 AM



#11

2-Methylphenol

Concen: 3.966 ng/ul

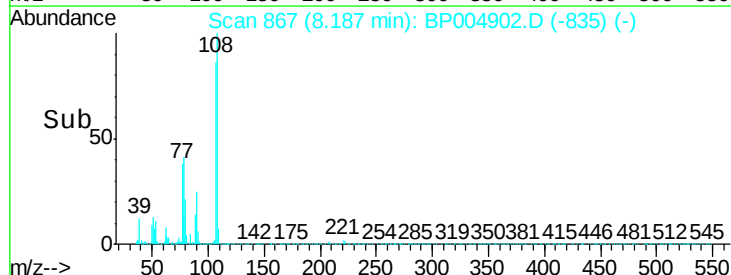
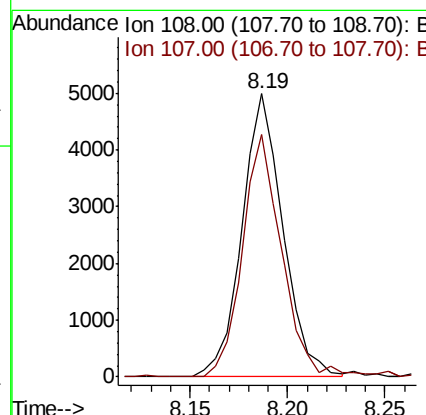
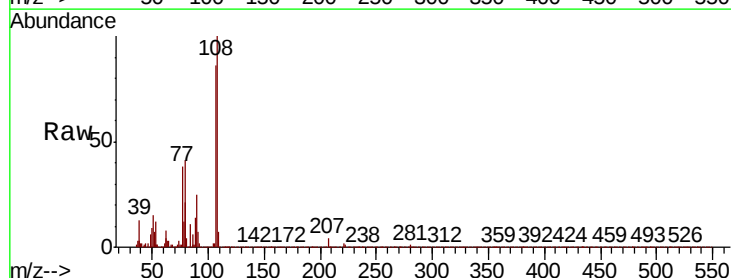
RT: 8.19 min Scan# 867

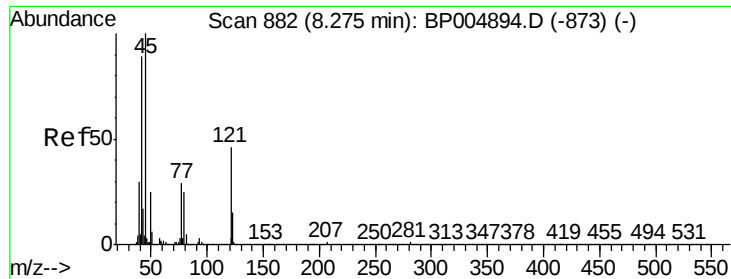
Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 108   | Resp: | 7244  |
| Ion Ratio | Lower | Upper |       |
| 108       | 100   |       |       |
| 107       | 85.8  | 68.8  | 103.2 |





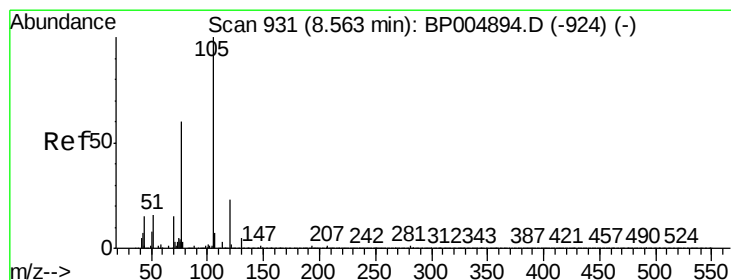
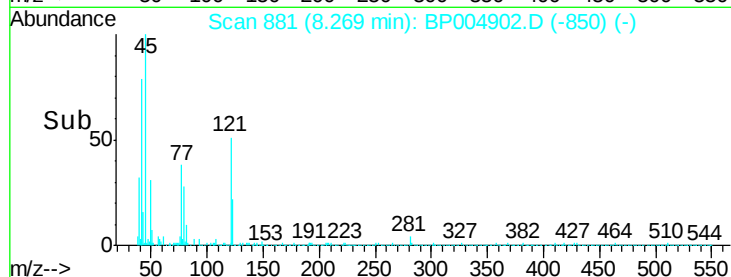
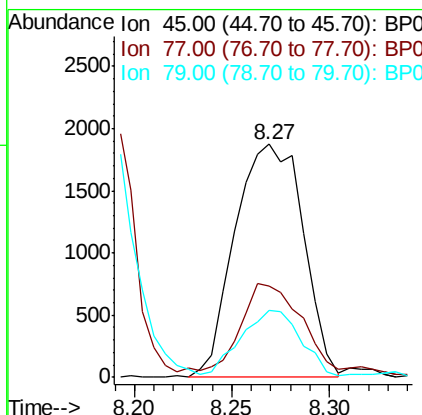
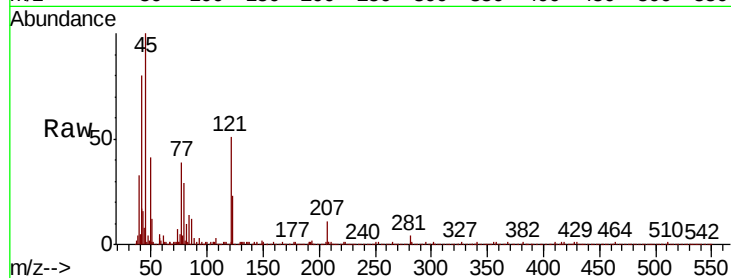
#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 3.893 ng/ul  
RT: 8.27 min Scan# 881  
Delta R.T. -0.02 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 39.2  | 21.8  | 32.8# |
| 79      | 28.7  | 18.6  | 27.8# |

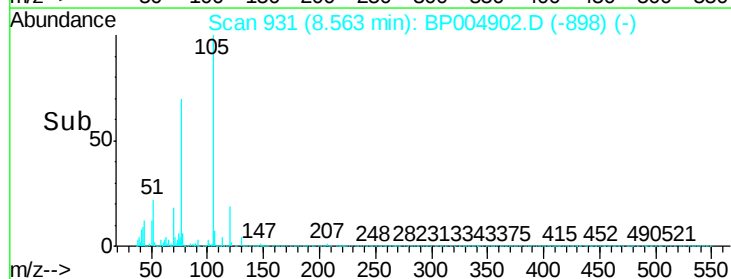
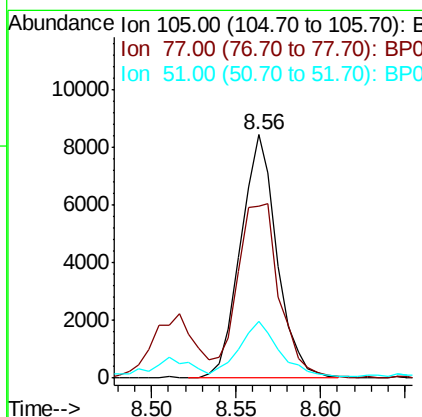
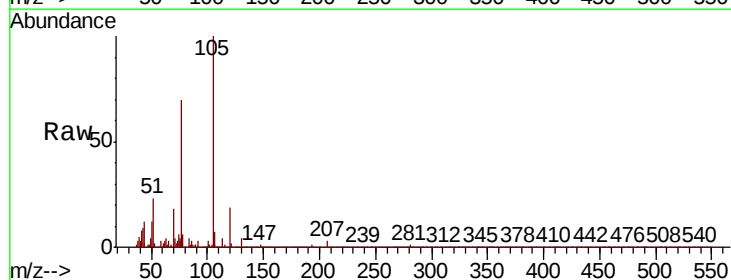
Manual Integrations  
APPROVED

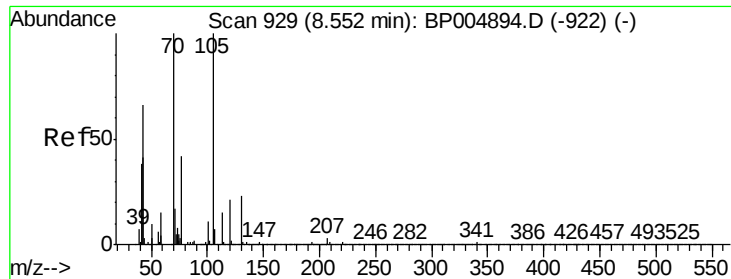
mohammad  
3/4/2021 11:33:42 AM



#14  
Acetophenone  
Concen: 4.126 ng/ul  
RT: 8.56 min Scan# 931  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 70.4  | 64.4  | 96.6  |
| 51      | 23.3  | 19.1  | 28.7  |





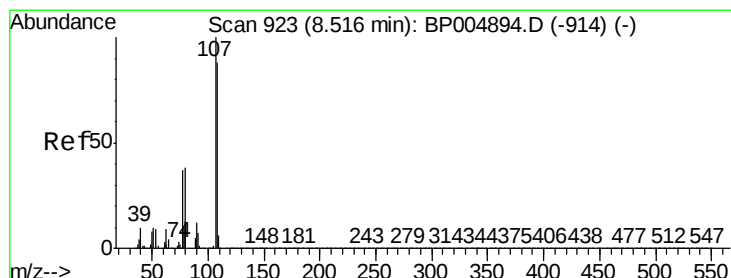
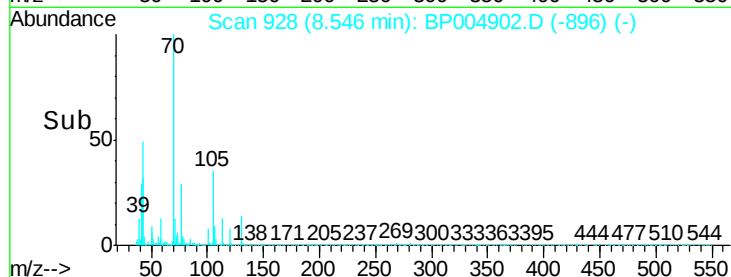
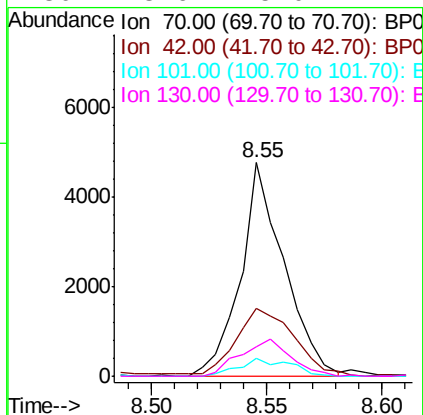
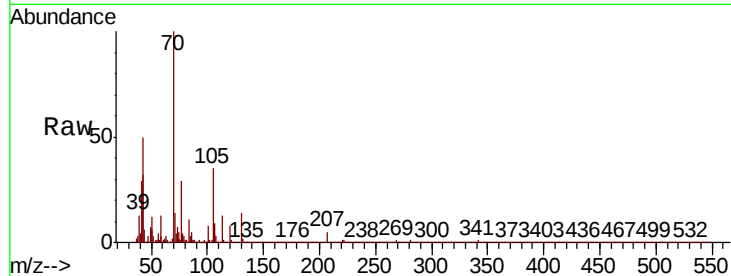
#15  
N-Nitroso-di-n-propylamine  
Concen: 4.221 ng/ul  
RT: 8.55 min Scan# 928  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 31.8 | 33.1  | 49.7# |       |
| 101     | 8.5  | 8.5   | 12.7  |       |
| 130     | 13.6 | 15.0  | 22.4# |       |

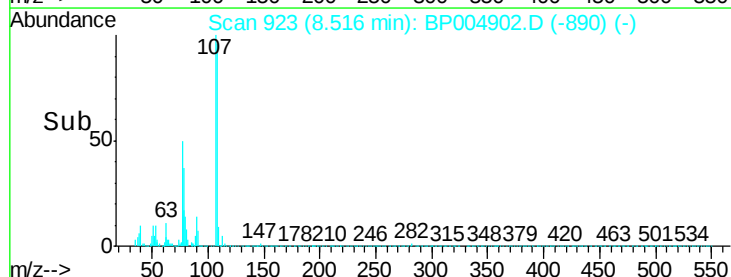
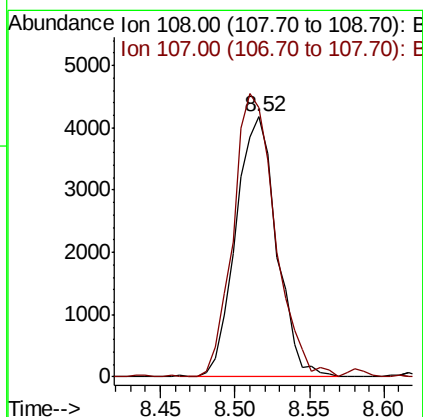
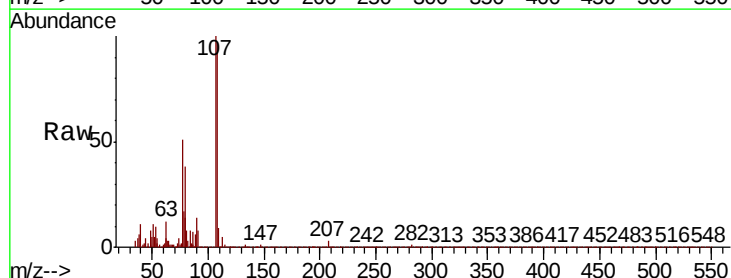
Manual Integrations  
APPROVED

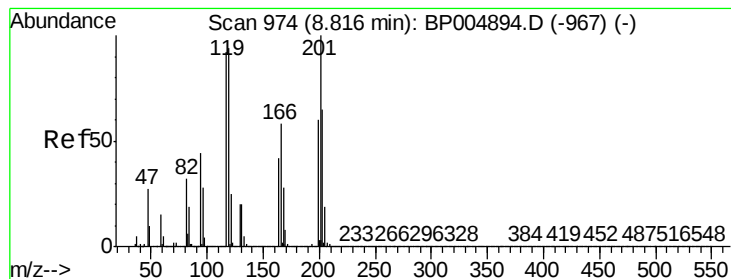
mohammad  
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#16  
4-Methylphenol  
Concen: 4.032 ng/ul  
RT: 8.52 min Scan# 923  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 108     | 100   |       |       |       |
| 107     | 103.6 | 89.2  | 133.8 |       |





#17

Hexachloroethane

Concen: 4.121 ng/ul

RT: 8.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

Instrument :

BNA\_P

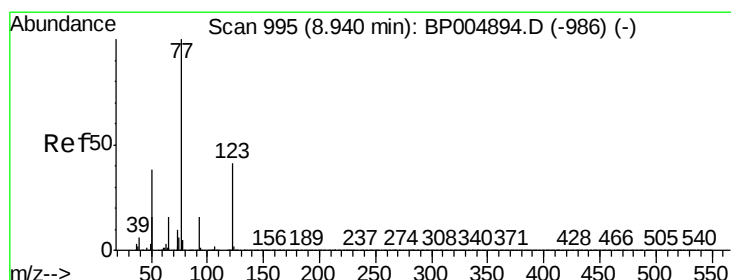
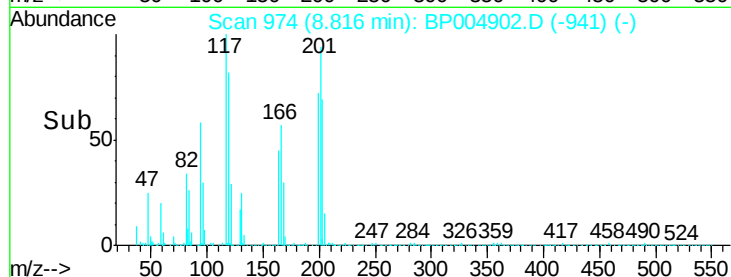
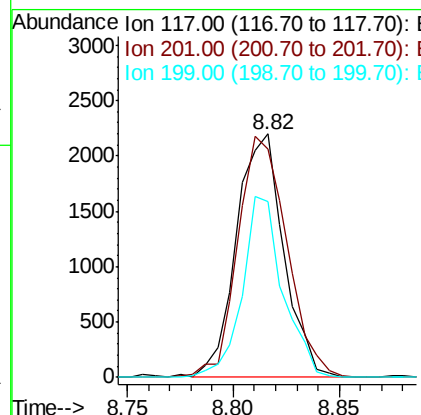
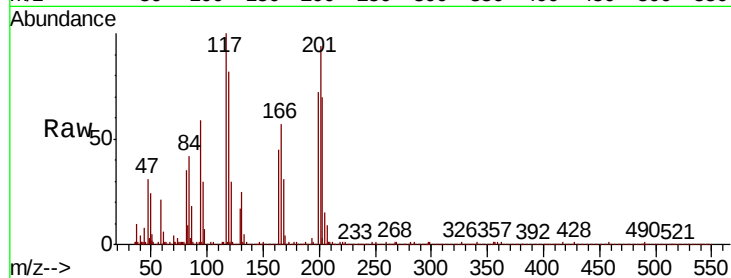
ClientSampleId :

MDL-ME-SOIL-01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 117   | Resp: | 3415  |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 93.9  | 86.7  | 130.1 |
| 199       | 72.3  | 48.2  | 72.4  |

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#20

Nitrobenzene

Concen: 4.641 ng/ul

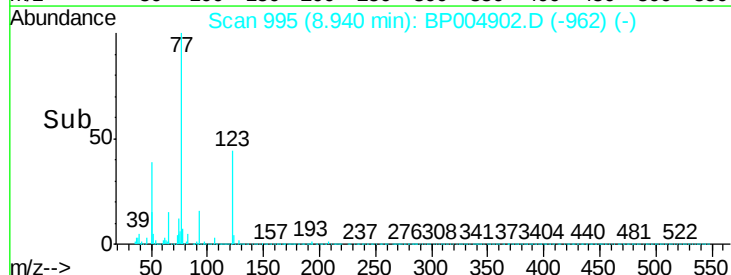
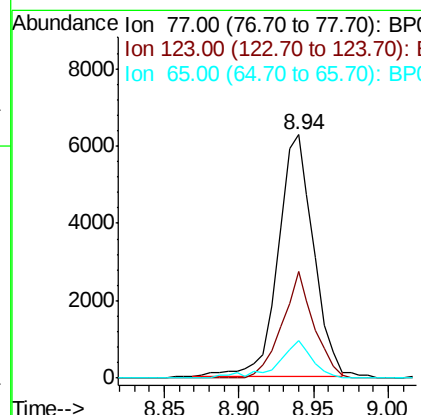
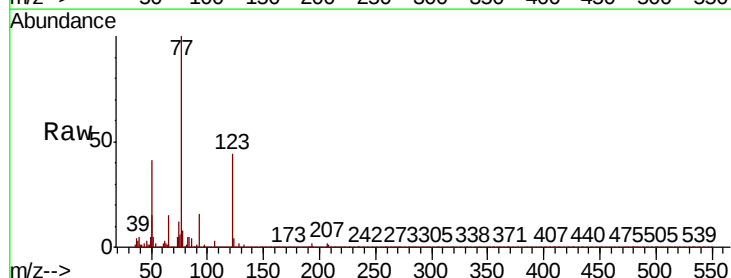
RT: 8.94 min Scan# 995

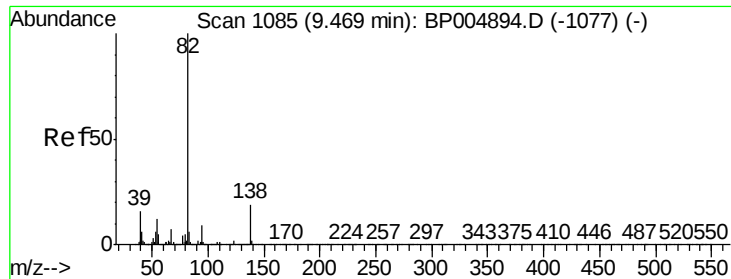
Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 10369 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 123       | 43.9  | 29.4  | 44.2  |
| 65        | 15.5  | 9.8   | 14.6# |





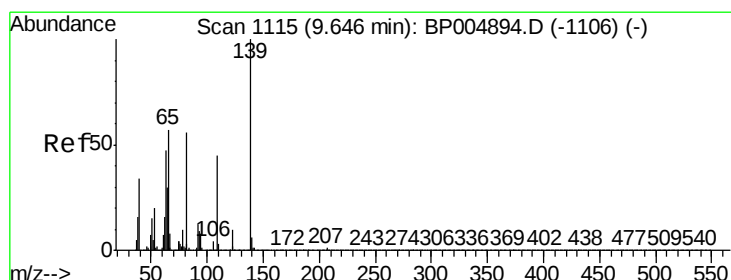
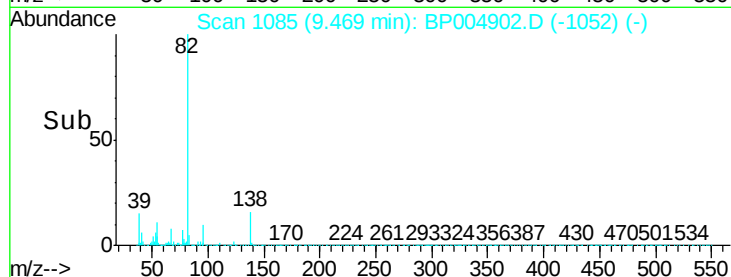
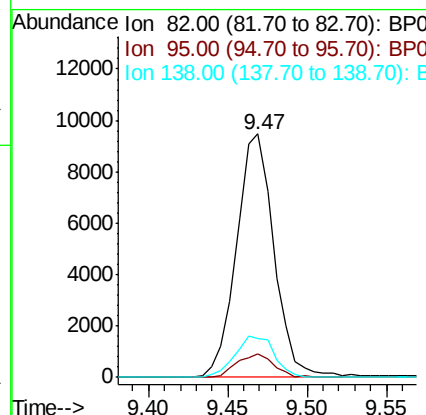
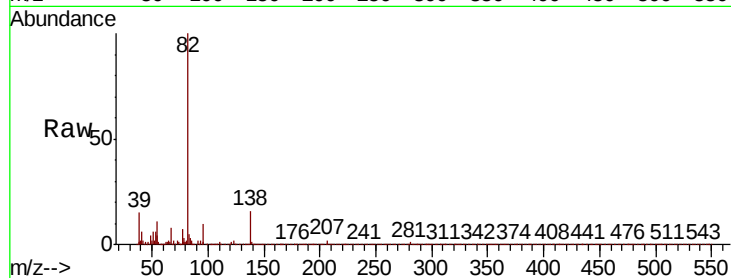
#21  
Isophorone  
Concen: 4.053 ng/ul  
RT: 9.47 min Scan# 1085  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 9.7   | 6.6   | 9.8   |
| 138     | 16.2  | 14.6  | 22.0  |

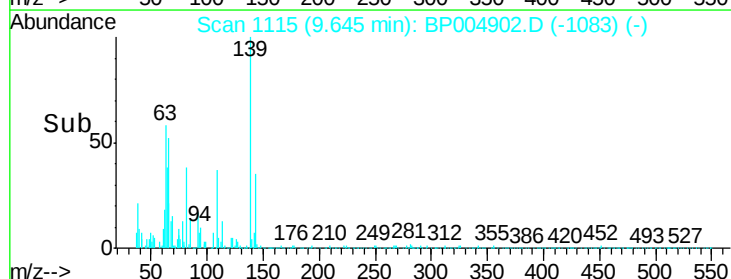
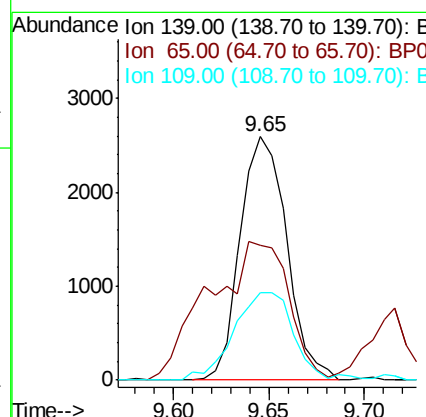
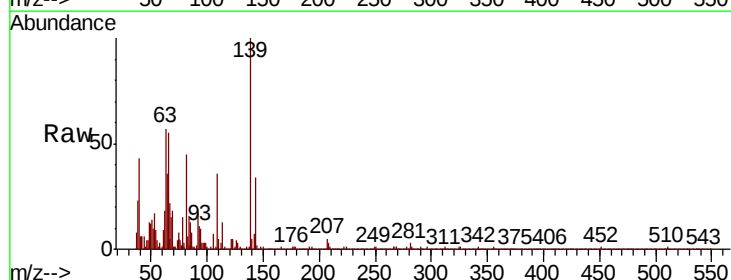
Manual Integrations  
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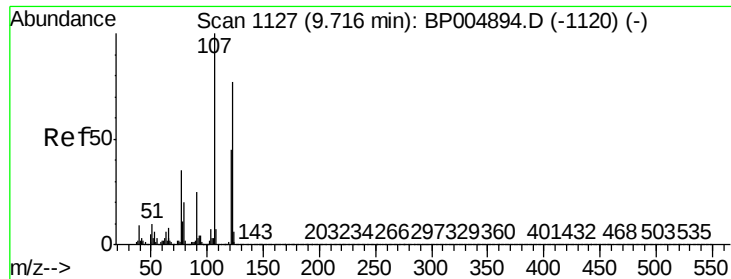
mohammad  
3/4/2021 11:33:42 AM



#23  
2-Nitrophenol  
Concen: 4.224 ng/ul m  
RT: 9.65 min Scan# 1115  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 65      | 55.5  | 49.4  | 74.2  |
| 109     | 35.7  | 37.1  | 55.7  |





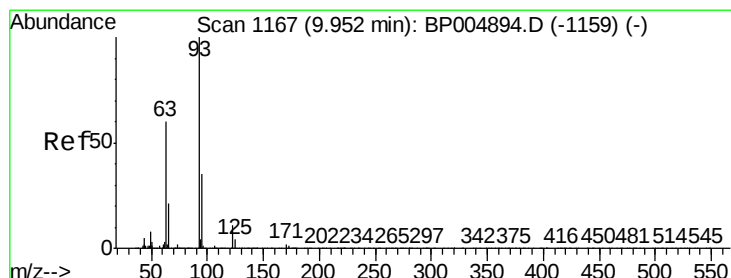
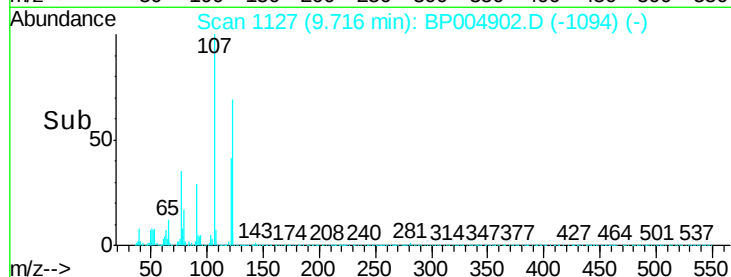
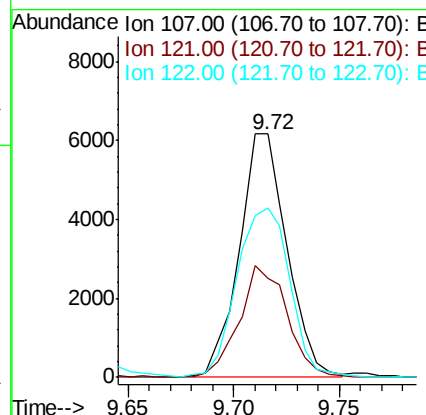
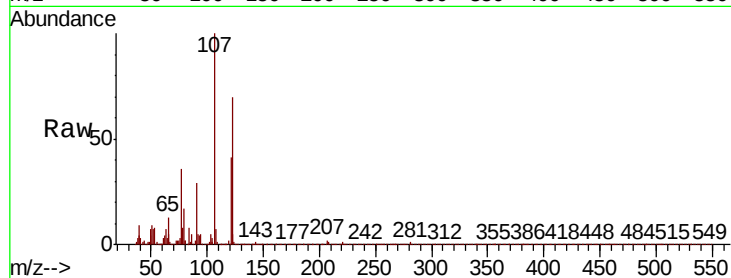
#24  
2,4-Dimethylphenol  
Concen: 4.182 ng/ul  
RT: 9.72 min Scan# 1127  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 107   | Resp: | 9664 |
| Ion Ratio | Lower | Upper |      |
| 107       | 100   |       |      |
| 121       | 40.6  | 37.1  | 55.7 |
| 122       | 69.6  | 61.8  | 92.8 |

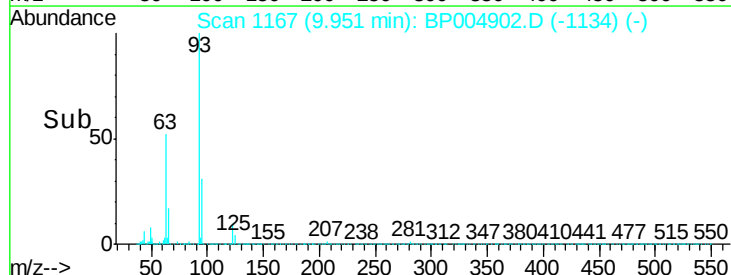
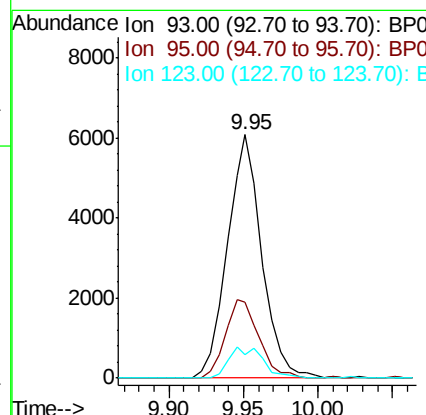
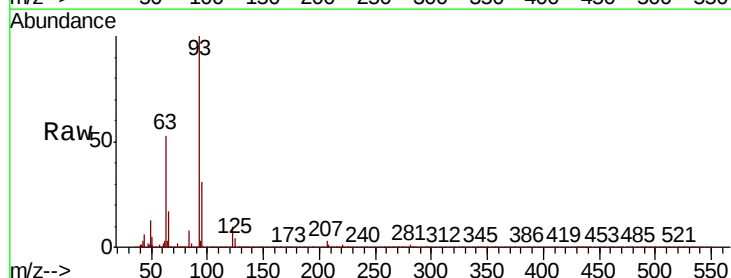
Manual Integrations  
APPROVED

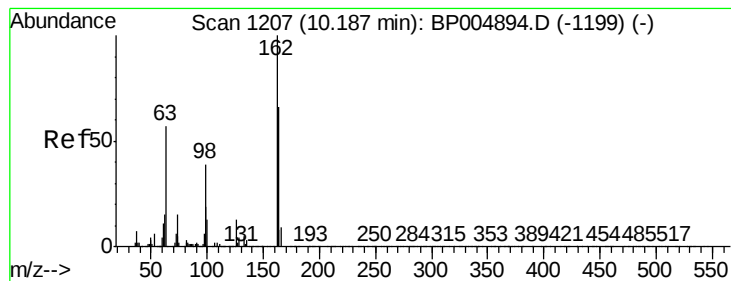
mohammad  
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#25  
Bis(2-Chloroethoxy)methane  
Concen: 4.231 ng/ul  
RT: 9.95 min Scan# 1167  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 93    | Resp: | 9765 |
| Ion Ratio | Lower | Upper |      |
| 93        | 100   |       |      |
| 95        | 31.0  | 24.3  | 36.5 |
| 123       | 9.6   | 8.6   | 13.0 |





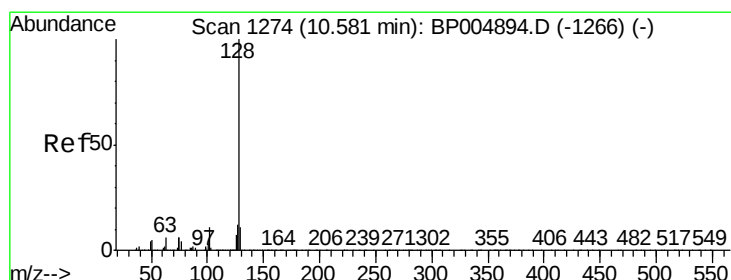
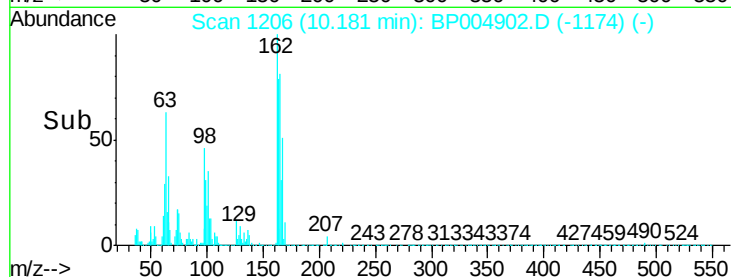
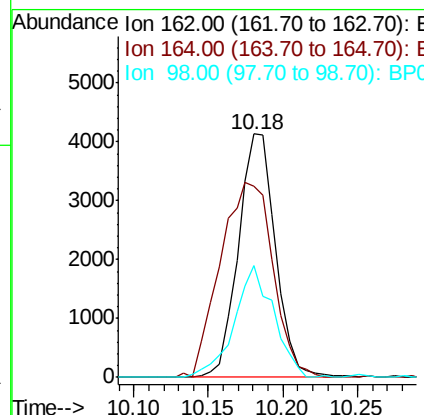
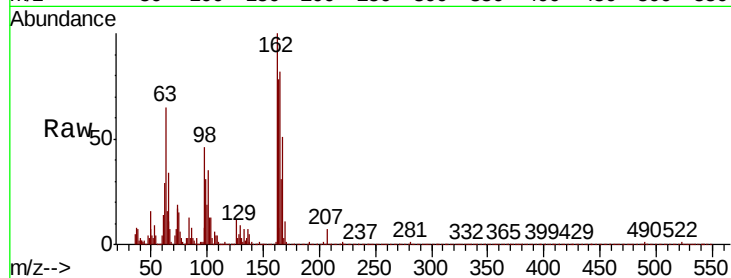
#27  
2,4-Dichlorophenol  
Concen: 3.963 ng/ul  
RT: 10.18 min Scan# 1206  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 78.5  | 51.8  | 77.6# |
| 98      | 46.1  | 32.0  | 48.0  |

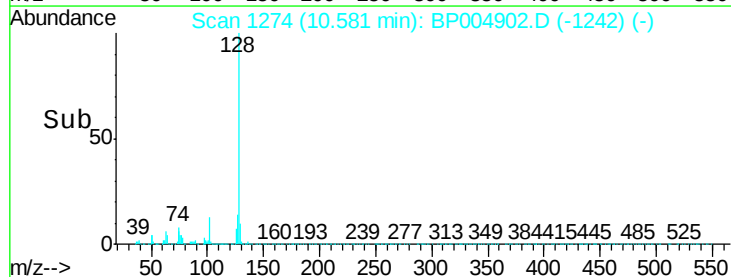
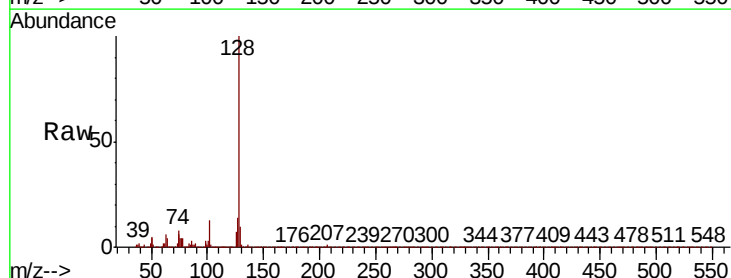
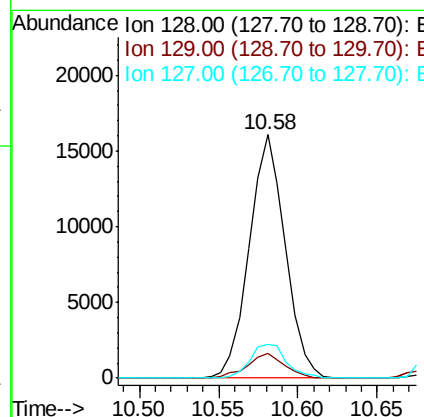
Manual Integrations  
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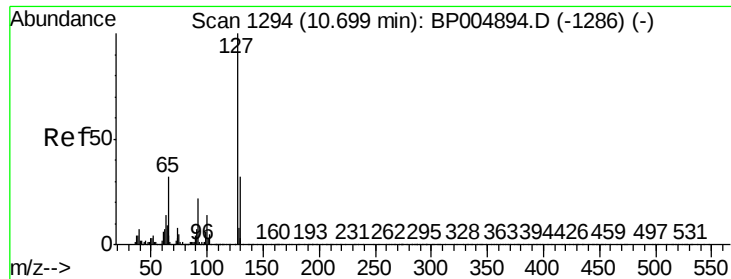
mohammad  
3/4/2021 11:33:42 AM



#28  
Naphthalene  
Concen: 4.221 ng/ul  
RT: 10.58 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.2  | 9.0   | 13.6  |
| 127     | 14.0  | 11.4  | 17.2  |





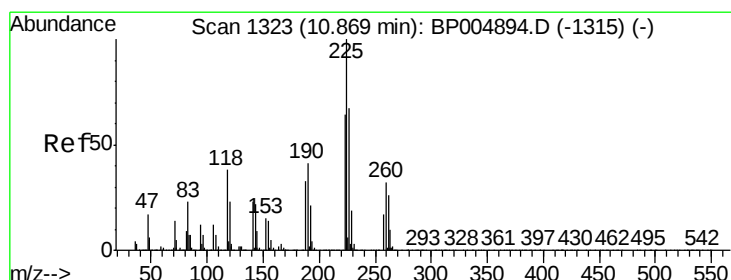
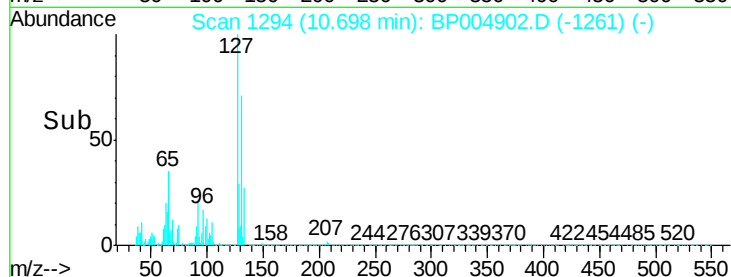
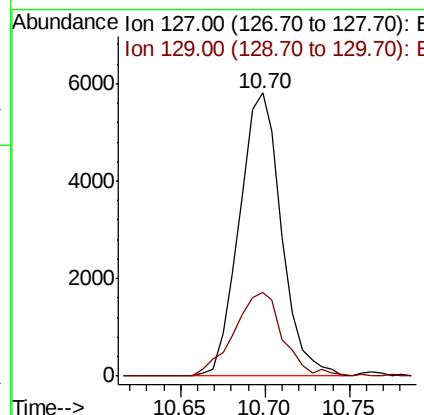
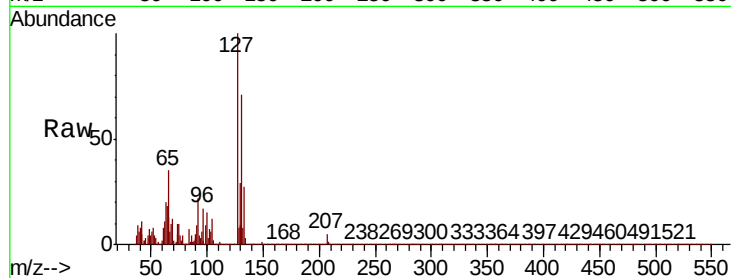
#30  
4-Chloroaniline  
Concen: 4.881 ng/ul  
RT: 10.70 min Scan# 1294  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 29.5  | 25.6  | 38.4  |

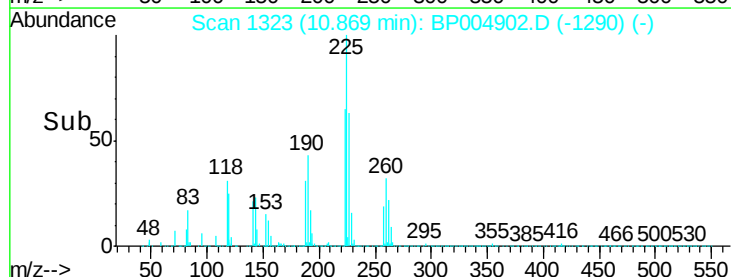
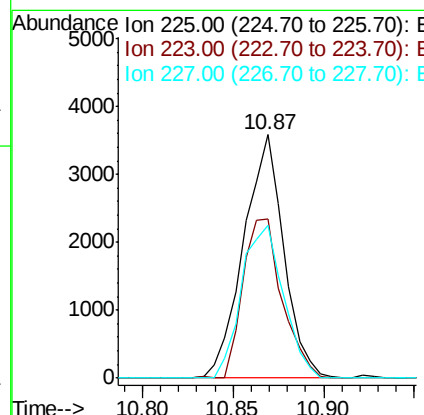
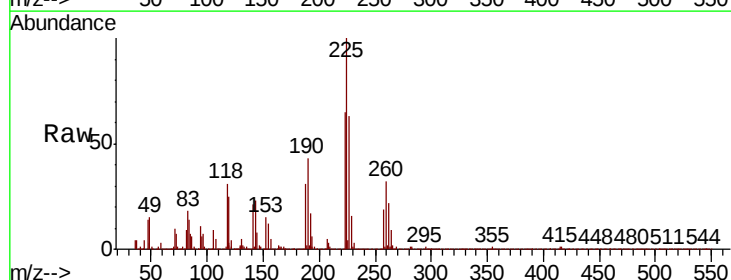
Manual Integrations  
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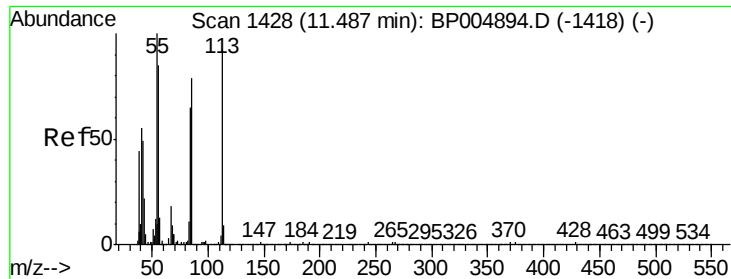
mohammad  
3/4/2021 11:33:42 AM



#31  
Hexachlorobutadiene  
Concen: 4.190 ng/ul  
RT: 10.87 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.7  | 51.2  | 76.8  |
| 227     | 60.2  | 51.4  | 77.2  |





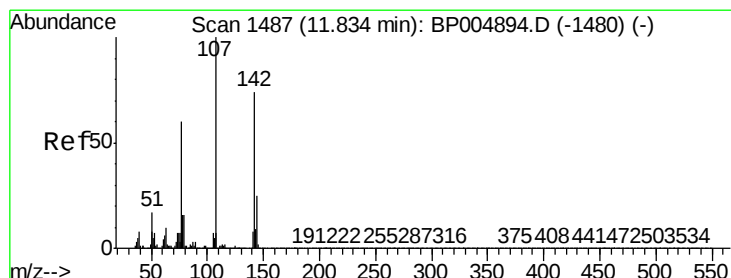
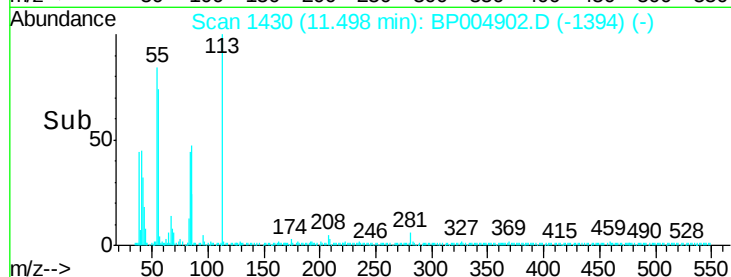
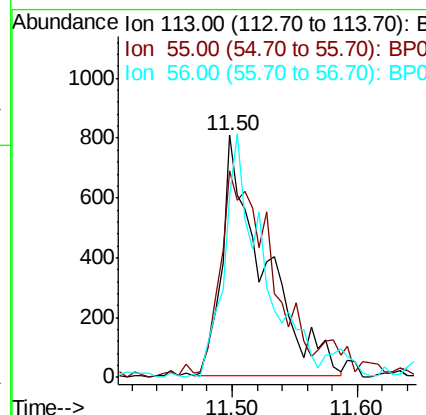
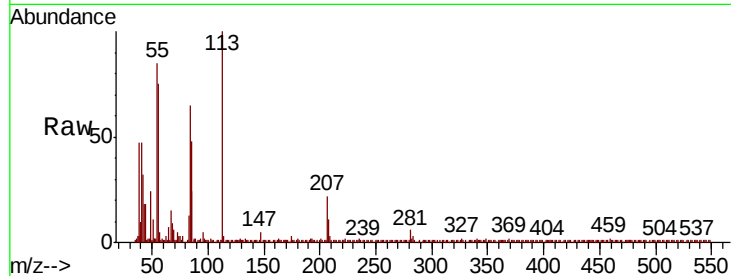
#32  
 Caprolactam  
 Concen: 3.213 ng/ul m  
 RT: 11.50 min Scan# 1430  
 Delta R.T. 0.01 min  
 Lab File: BP004902.D  
 Acq: 03 Mar 2021 19:58

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 85.2  | 69.5  | 104.3 |
| 56      | 75.0  | 65.8  | 98.6  |

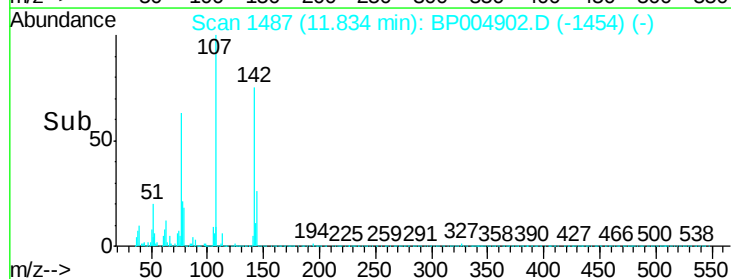
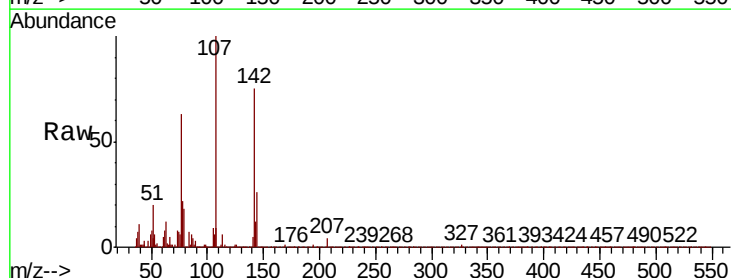
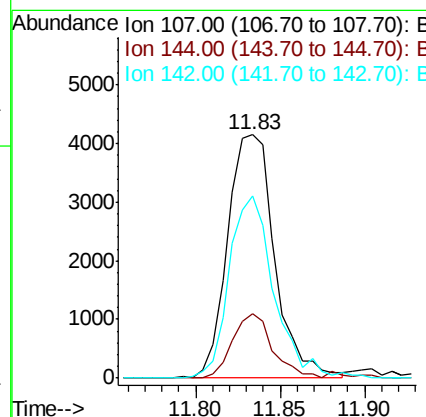
Manual Integrations  
 APPROVED

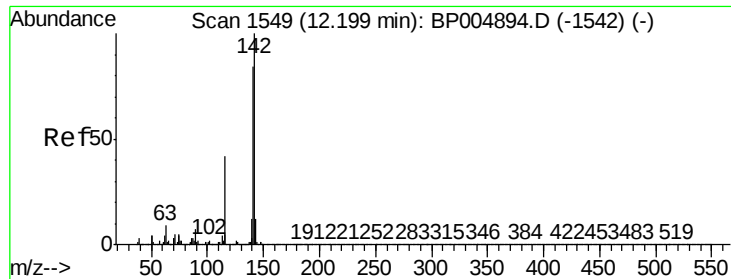
mohammad  
 3/4/2021 11:33:42 AM



#33  
 4-Chloro-3-methylphenol  
 Concen: 3.920 ng/ul  
 RT: 11.83 min Scan# 1487  
 Delta R.T. -0.01 min  
 Lab File: BP004902.D  
 Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.3  | 17.3  | 25.9# |
| 142     | 74.7  | 56.6  | 84.8  |





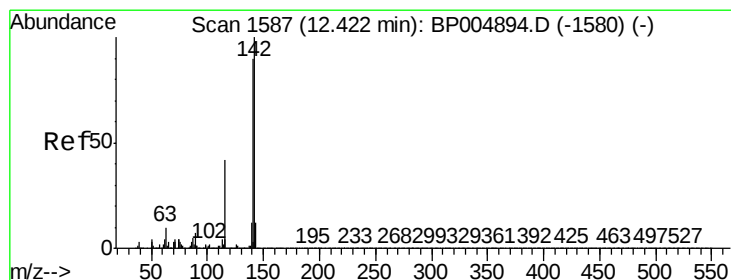
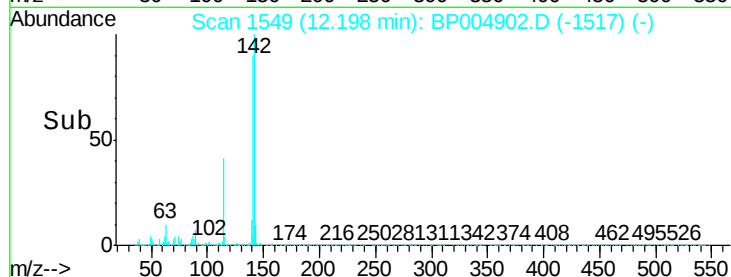
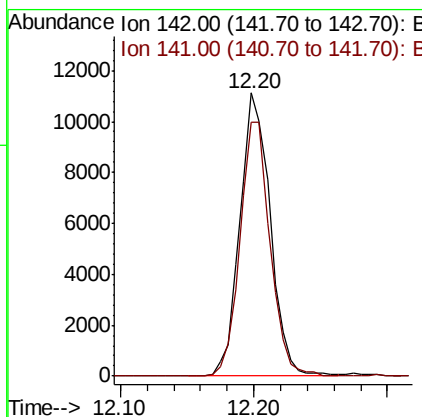
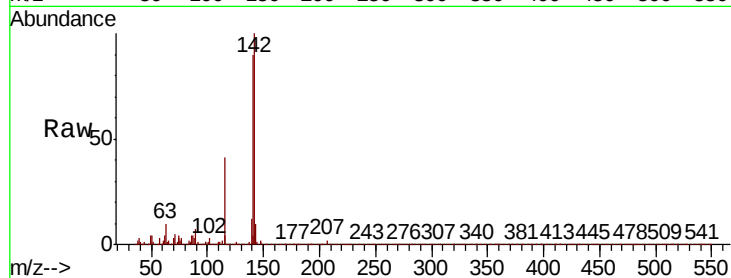
#34  
2-Methylnaphthalene  
Concen: 4.097 ng/ul  
RT: 12.20 min Scan# 1549  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 69.4  | 104.2 |

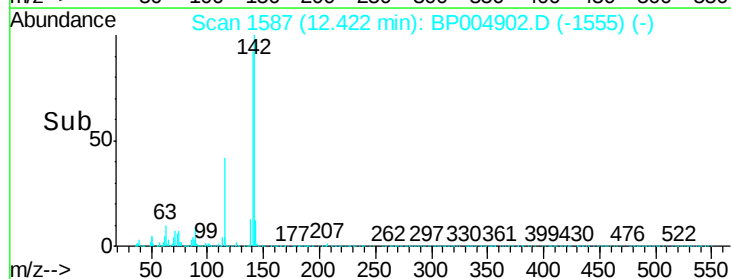
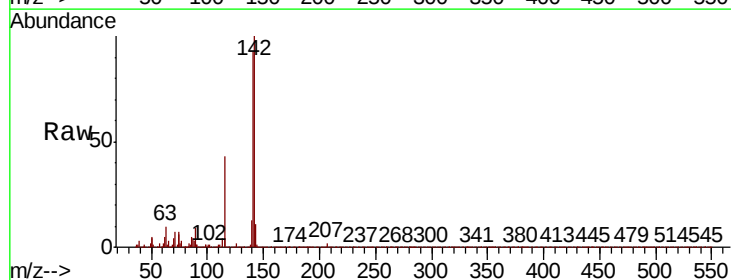
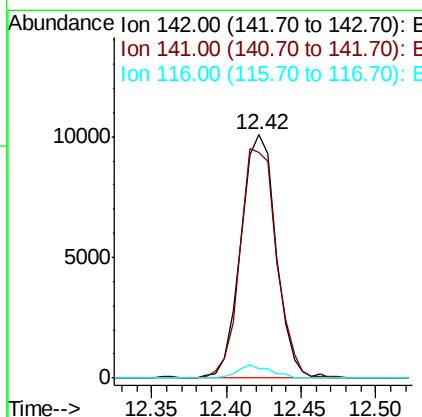
Manual Integrations  
APPROVED

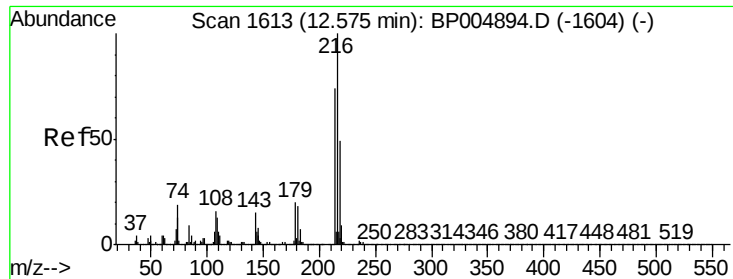
mohammad  
3/4/2021 11:33:42 AM



#35  
1-Methylnaphthalene  
Concen: 3.978 ng/ul  
RT: 12.42 min Scan# 1587  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.8  | 71.5  | 107.3 |
| 116     | 4.0   | 3.4   | 5.0   |





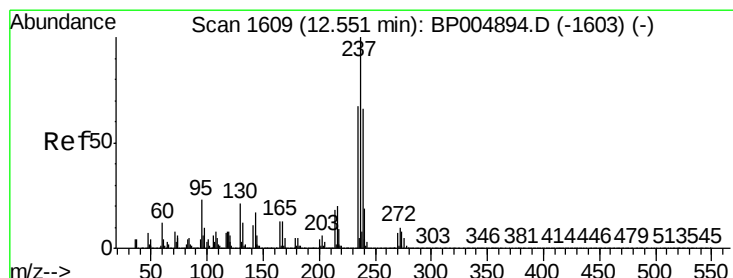
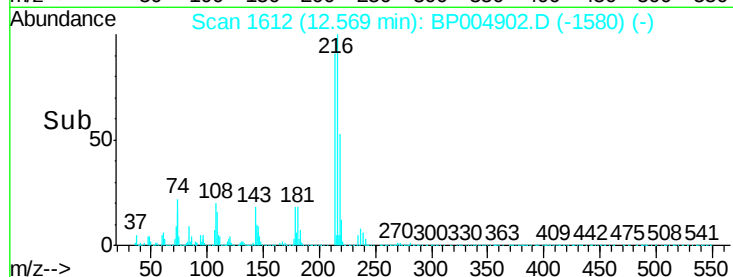
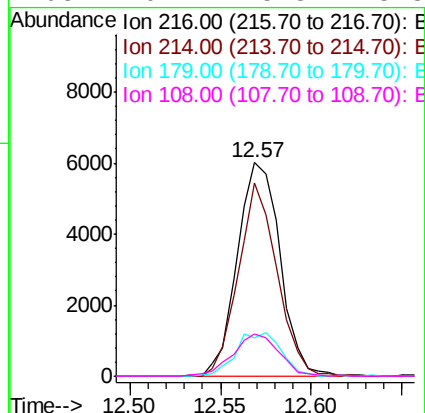
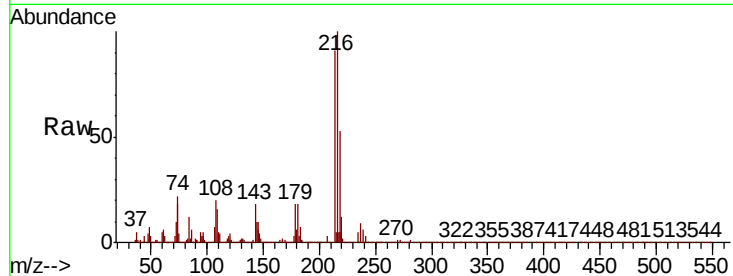
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 4.223 ng/ul  
 RT: 12.57 min Scan# 1612  
 Delta R.T. -0.01 min  
 Lab File: BP004902.D  
 Acq: 03 Mar 2021 19:58

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-ME-SOIL-01

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 216     | 100  |       | 9876 |       |       |
| 214     | 90.6 | 62.3  | 93.5 |       |       |
| 179     | 17.8 | 17.2  | 25.8 |       |       |
| 108     | 19.7 | 15.5  | 23.3 |       |       |

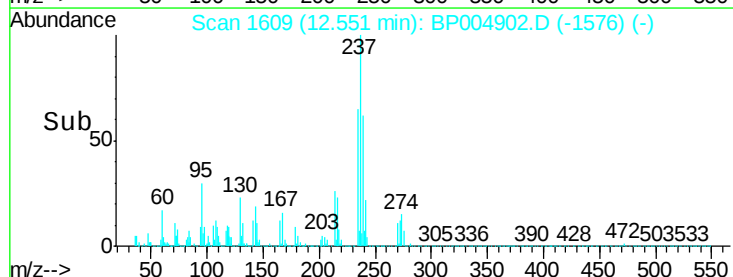
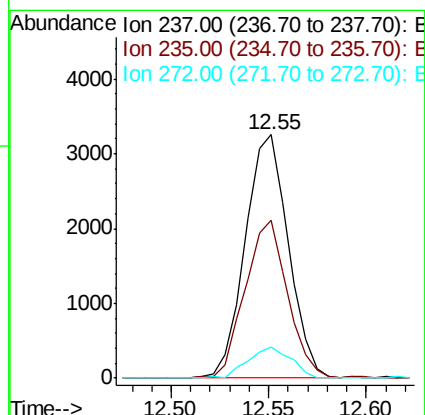
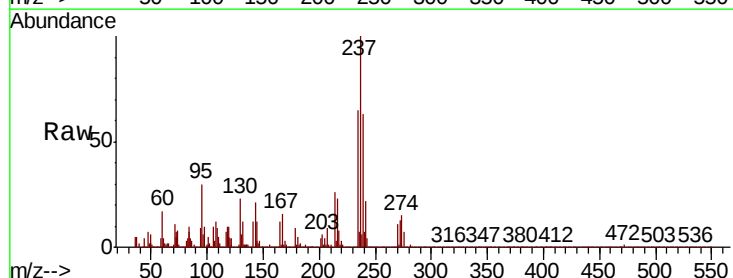
Manual Integrations  
 APPROVED

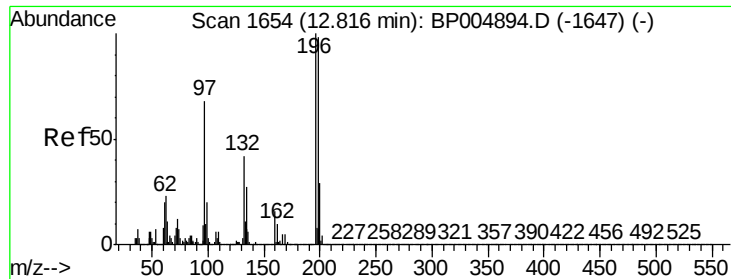
mohammad  
 3/4/2021 11:33:42 AM



#38  
 Hexachlorocyclopentadiene  
 Concen: 3.341 ng/ul  
 RT: 12.55 min Scan# 1609  
 Delta R.T. -0.01 min  
 Lab File: BP004902.D  
 Acq: 03 Mar 2021 19:58

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 237     | 100  |       | 4980 |       |       |
| 235     | 67.9 | 49.4  | 74.0 |       |       |
| 272     | 12.0 | 10.6  | 15.8 |       |       |





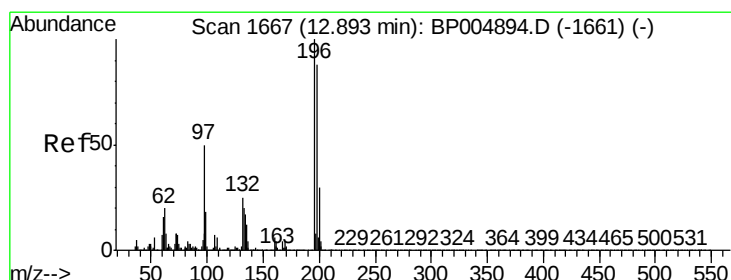
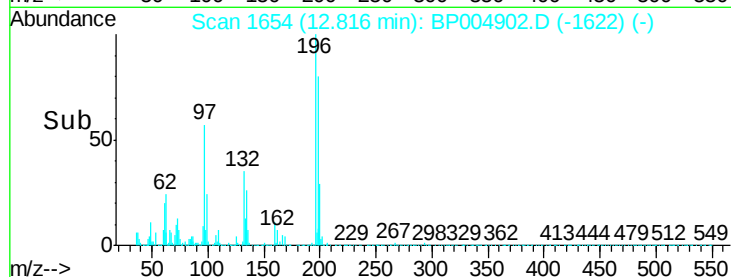
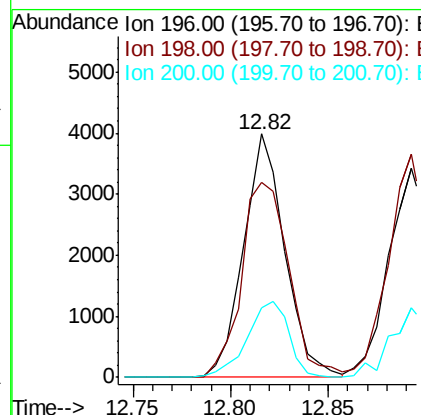
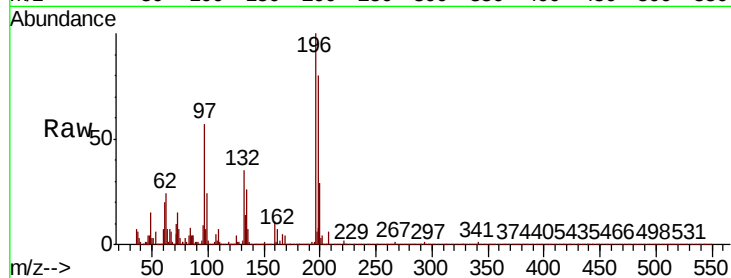
#39  
 2,4,6-Trichlorophenol  
 Concen: 3.989 ng/ul  
 RT: 12.82 min Scan# 1654  
 Delta R.T. -0.01 min  
 Lab File: BP004902.D  
 Acq: 03 Mar 2021 19:58

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 80.0  | 78.0  | 117.0 |
| 200     | 28.8  | 23.8  | 35.8  |

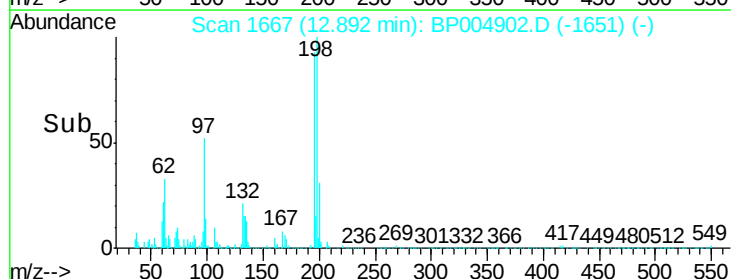
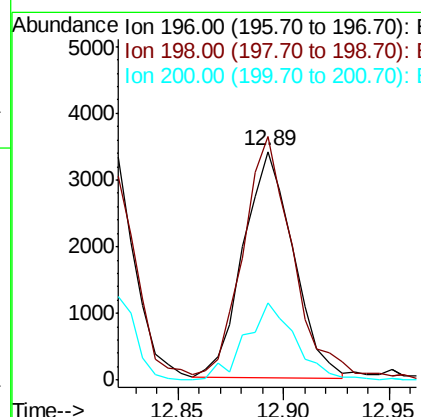
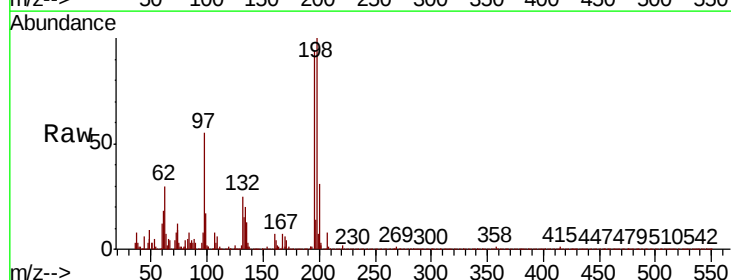
Manual Integrations  
 APPROVED

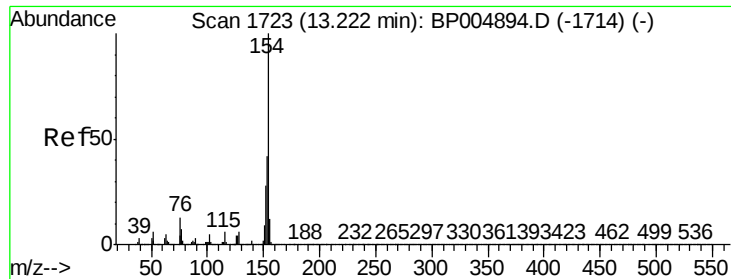
mohammad  
 3/4/2021 11:33:42 AM



#40  
 2,4,5-Trichlorophenol  
 Concen: 3.561 ng/ul  
 RT: 12.89 min Scan# 1667  
 Delta R.T. -0.01 min  
 Lab File: BP004902.D  
 Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 106.6 | 72.8  | 109.2 |
| 200     | 33.6  | 23.7  | 35.5  |





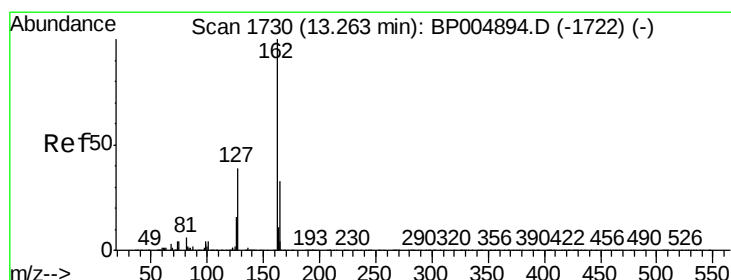
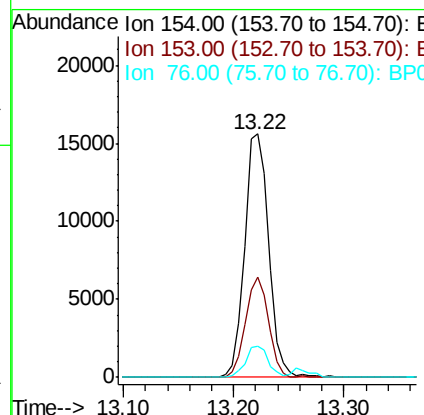
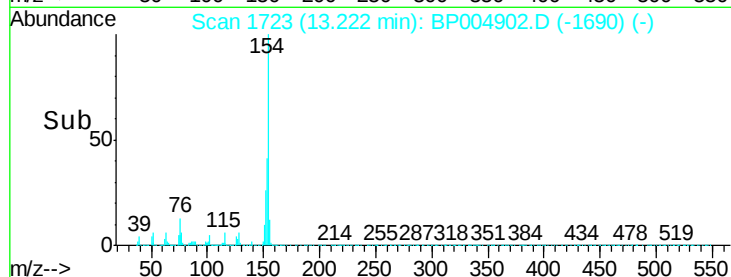
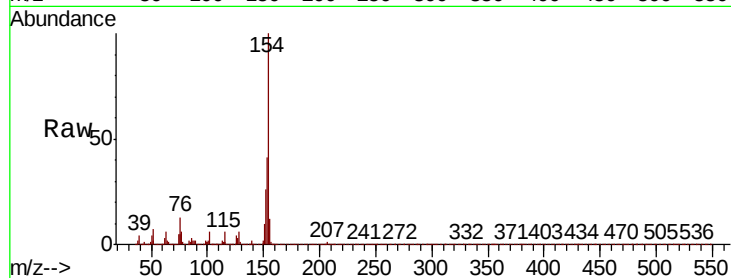
#41  
1,1'-Biphenyl  
Concen: 4.391 ng/ul  
RT: 13.22 min Scan# 1723  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.3  | 33.2  | 49.8  |
| 76      | 12.9  | 9.8   | 14.6  |

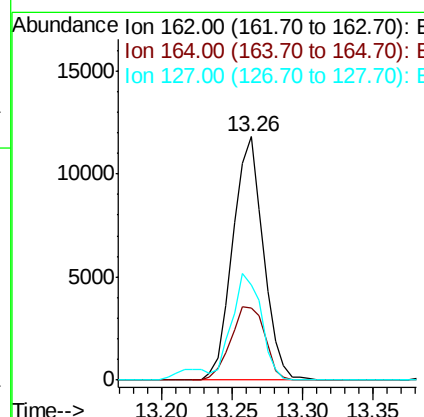
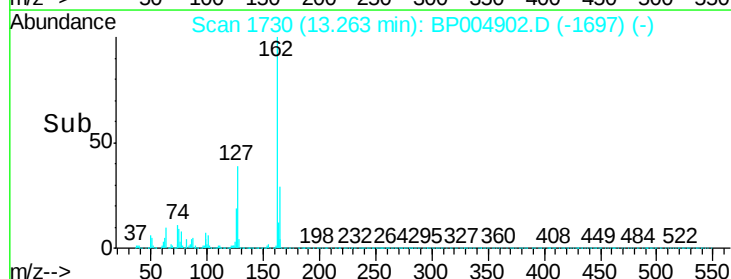
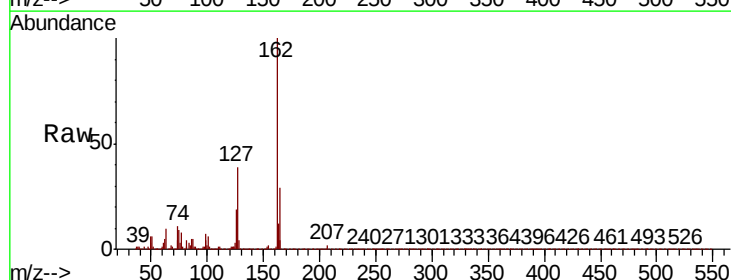
Manual Integrations  
APPROVED

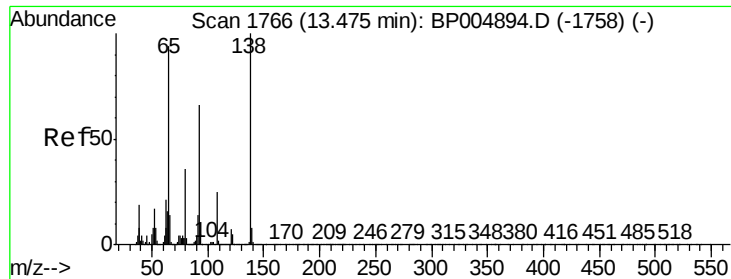
mohammad  
3/4/2021 11:33:42 AM



#42  
2-Chloronaphthalene  
Concen: 4.161 ng/ul  
RT: 13.26 min Scan# 1730  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 29.5  | 25.7  | 38.5  |
| 127     | 39.1  | 33.5  | 50.3  |





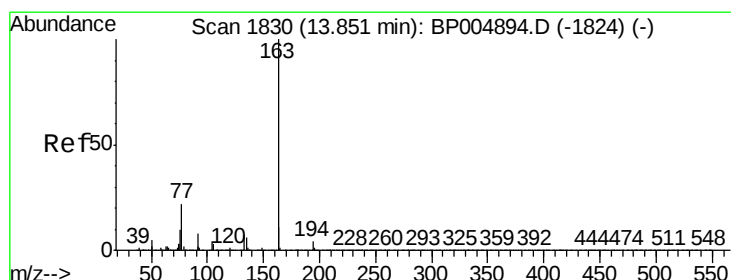
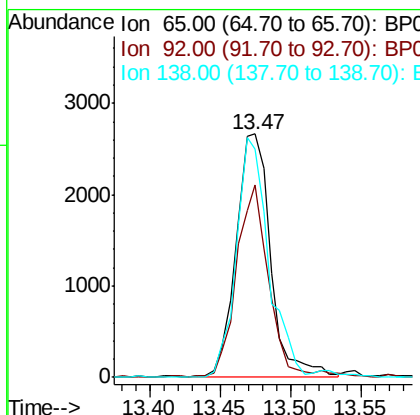
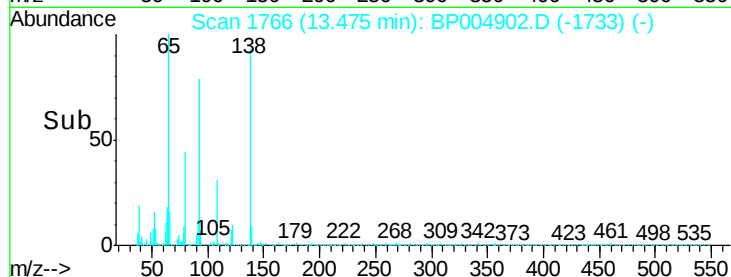
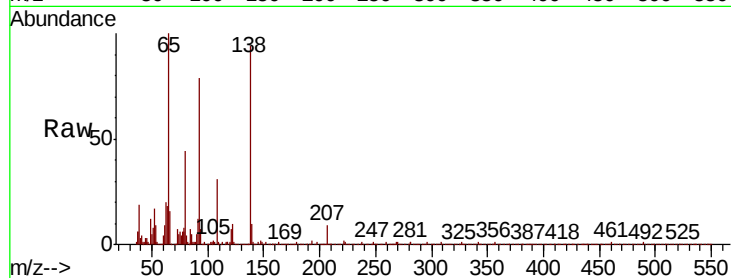
#43  
2-Nitroaniline  
Concen: 3.734 ng/ul  
RT: 13.47 min Scan# 1766  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 79.0  | 55.3  | 82.9  |
| 138     | 93.6  | 79.0  | 118.6 |

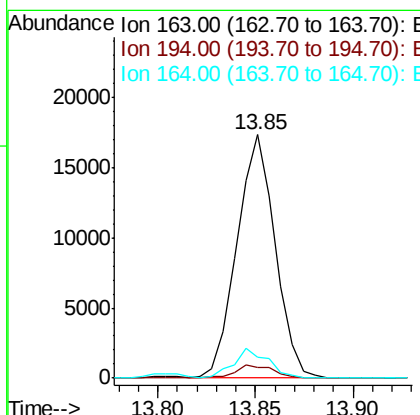
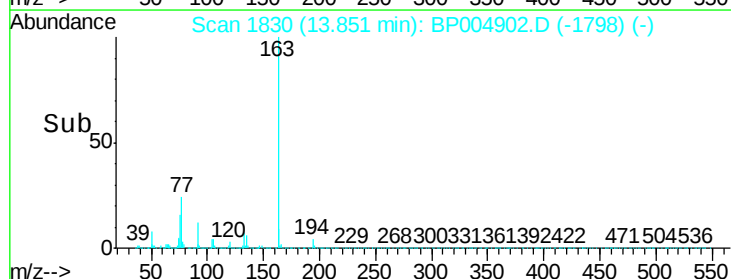
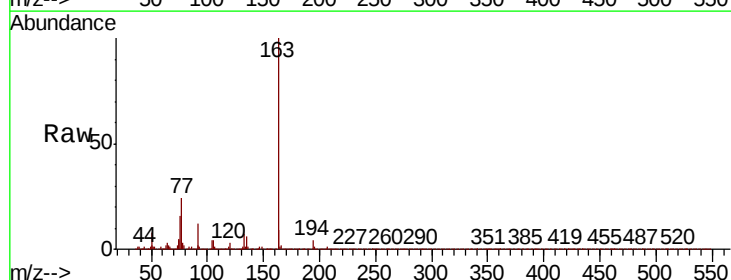
Manual Integrations  
APPROVED

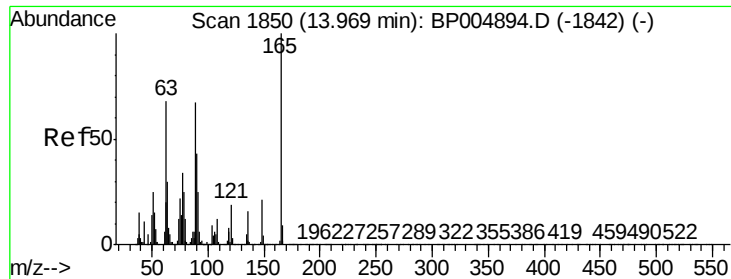
mohammad  
3/4/2021 11:33:42 AM



#45  
Dimethylphthalate  
Concen: 4.281 ng/ul  
RT: 13.85 min Scan# 1830  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.3   | 3.8   | 5.6   |
| 164     | 8.8   | 7.8   | 11.8  |





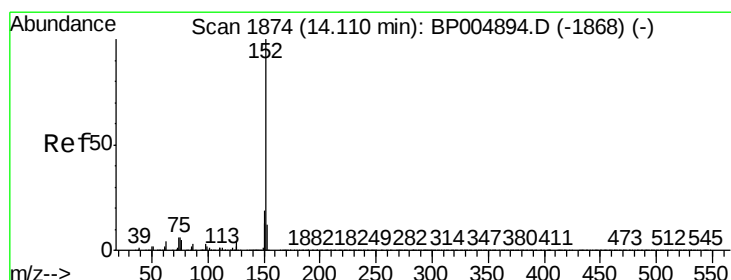
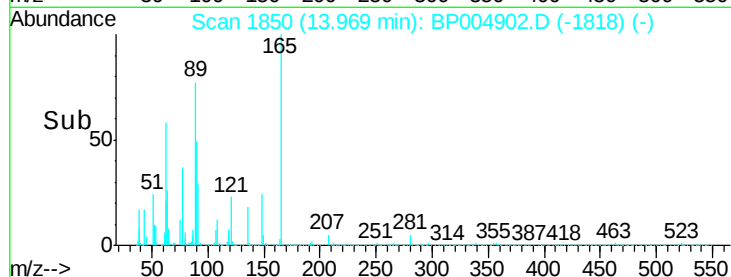
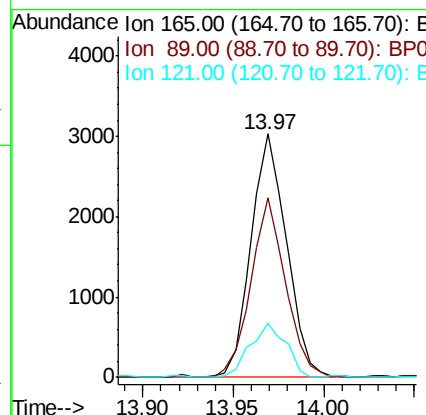
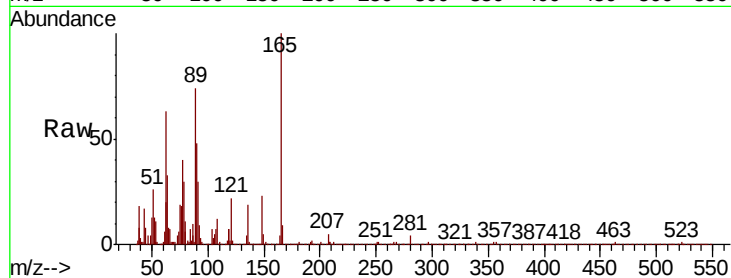
#46  
2,6-Dinitrotoluene  
Concen: 3.771 ng/ul  
RT: 13.97 min Scan# 1850  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 165   | Resp: | 4137 |
| Ion Ratio | Lower | Upper |      |
| 165       | 100   |       |      |
| 89        | 73.7  | 54.3  | 81.5 |
| 121       | 22.5  | 18.2  | 27.2 |

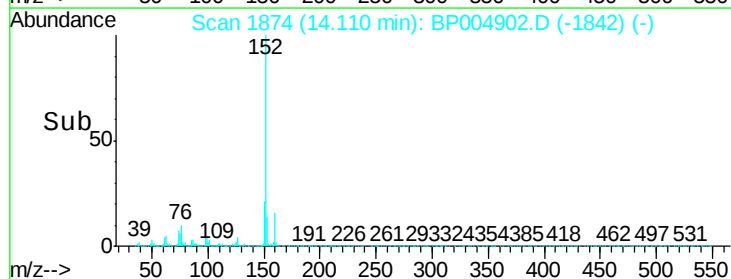
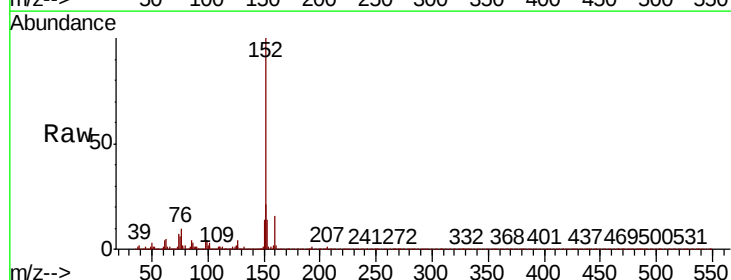
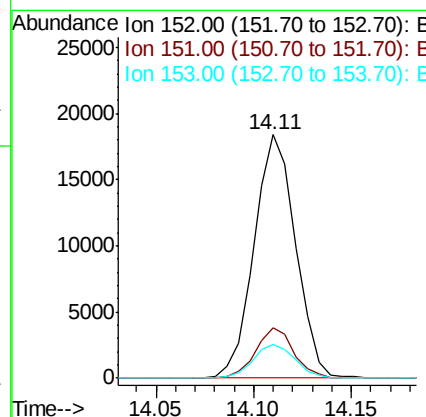
Manual Integrations  
APPROVED

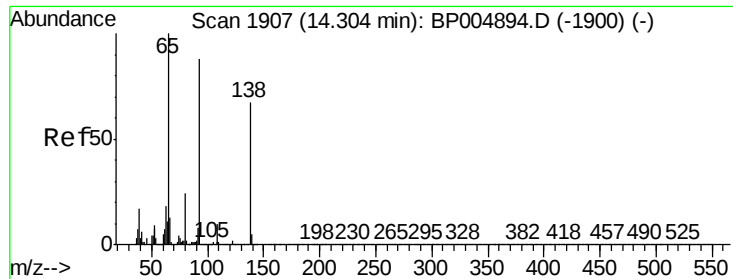
mohammad  
3/4/2021 11:33:42 AM



#48  
Acenaphthylene  
Concen: 4.334 ng/ul  
RT: 14.11 min Scan# 1874  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 27117 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 20.8  | 15.7  | 23.5  |
| 153       | 13.8  | 10.2  | 15.4  |





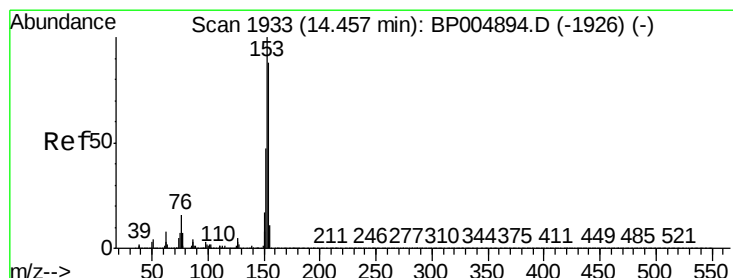
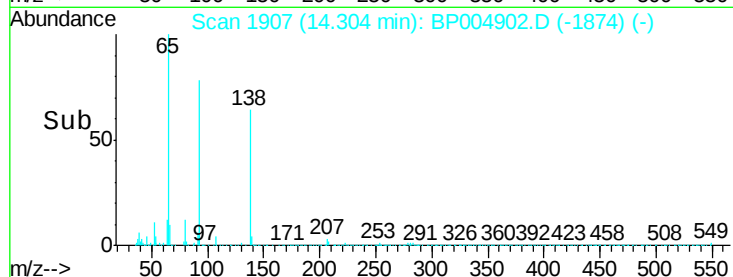
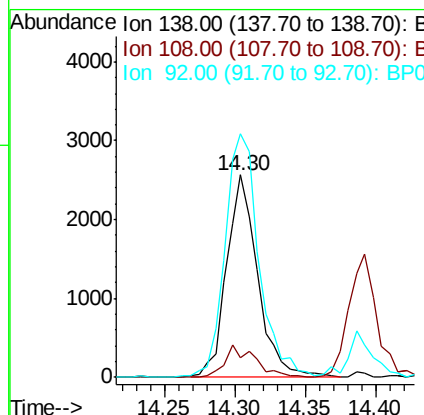
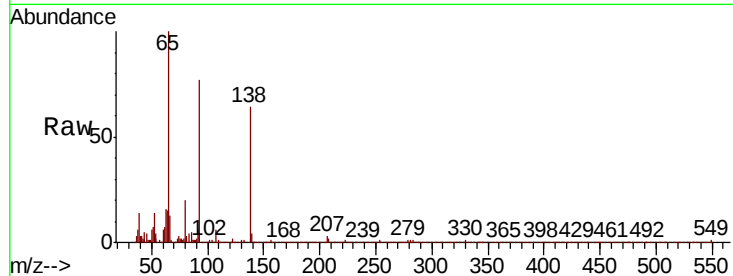
#49  
3-Nitroaniline  
Concen: 3.901 ng/ul  
RT: 14.30 min Scan# 1907  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.9   | 10.1  | 15.1# |
| 92      | 120.3 | 99.7  | 149.5 |

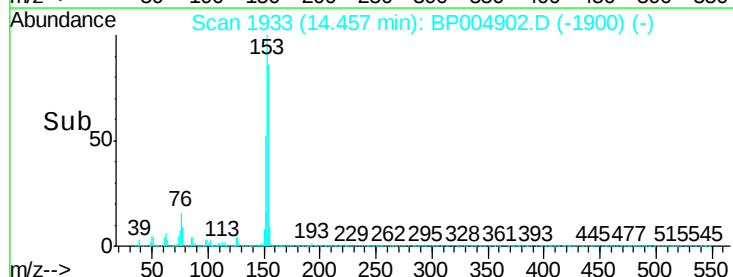
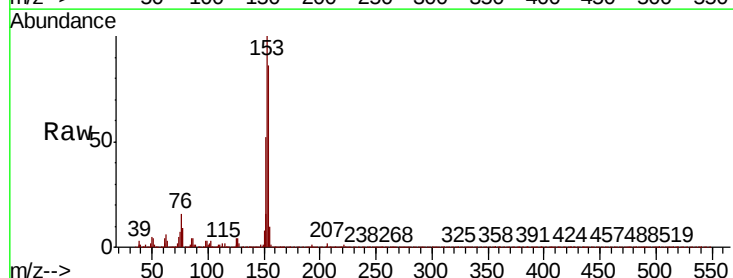
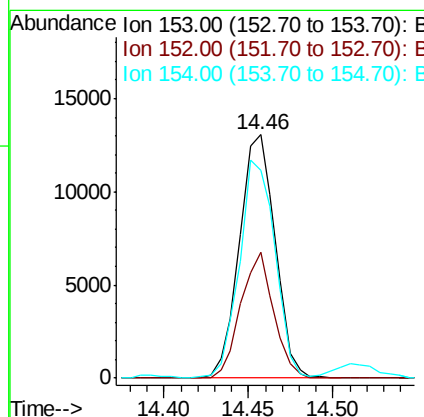
Manual Integrations  
APPROVED

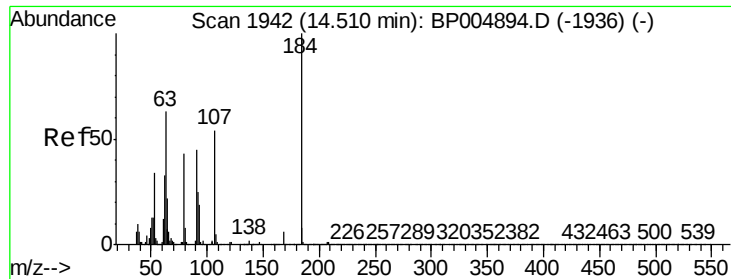
mohammad  
3/4/2021 11:33:42 AM



#50  
Acenaphthene  
Concen: 4.251 ng/ul  
RT: 14.46 min Scan# 1933  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 51.5  | 38.7  | 58.1  |
| 154     | 85.6  | 72.2  | 108.2 |





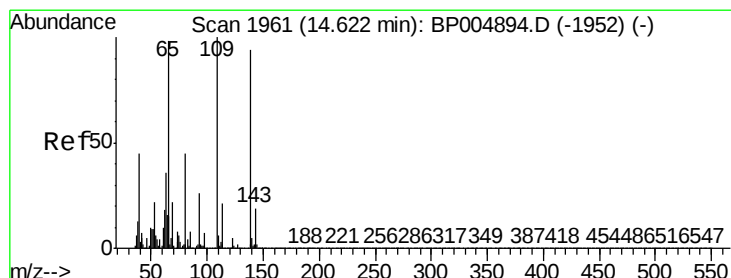
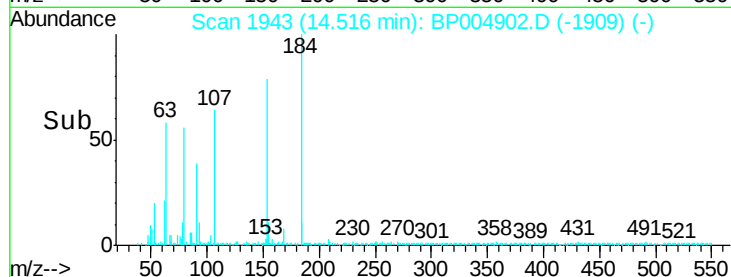
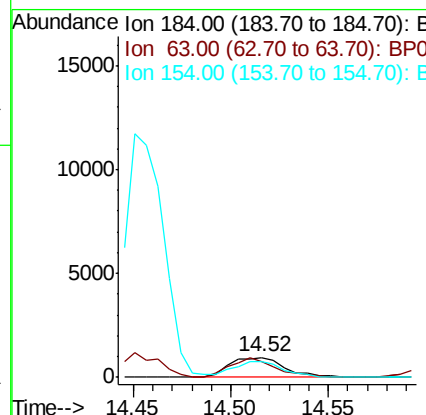
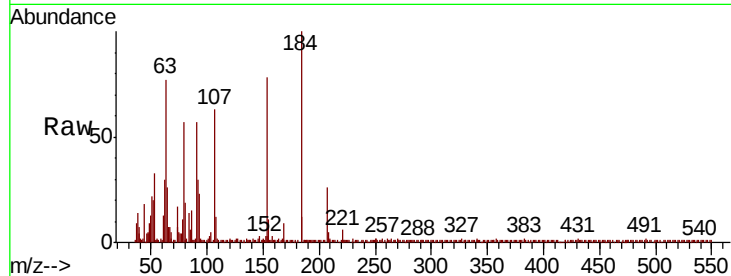
#51  
2,4-Dinitrophenol  
Concen: 2.679 ng/ul  
RT: 14.52 min Scan# 1943  
Delta R.T. -0.00 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   | 1890 |       |       |
| 63      | 77.3  | 58.3 | 87.5  |       |
| 154     | 78.0  | 52.0 | 78.0  |       |

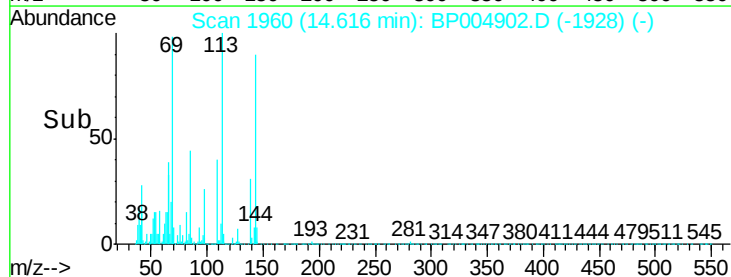
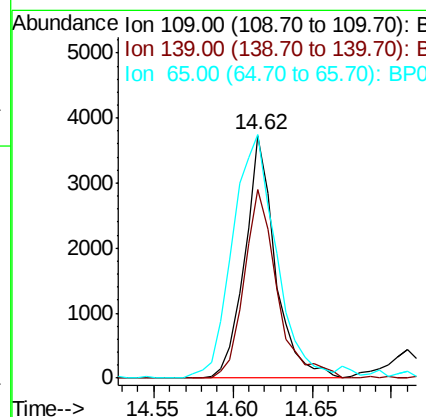
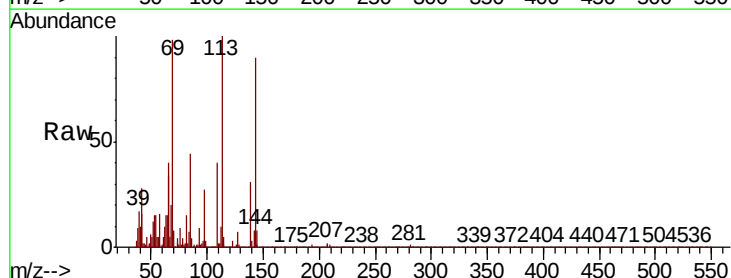
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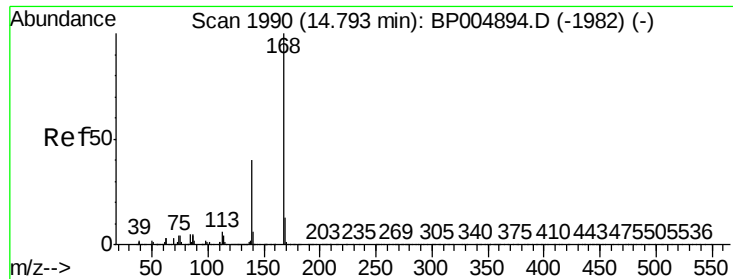
mohammad  
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#53  
4-Nitrophenol  
Concen: 4.783 ng/ul  
RT: 14.62 min Scan# 1960  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 109     | 100   | 4958 |       |       |
| 139     | 77.9  | 77.6 | 116.4 |       |
| 65      | 100.4 | 85.5 | 128.3 |       |





#54

Dibenzofuran

Concen: 4.457 ng/ul

RT: 14.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

Instrument :

BNA\_P

ClientSampleId :

MDL-ME-SOIL-01

Tot Ion:168 Resp: 29302

Ion Ratio Lower Upper

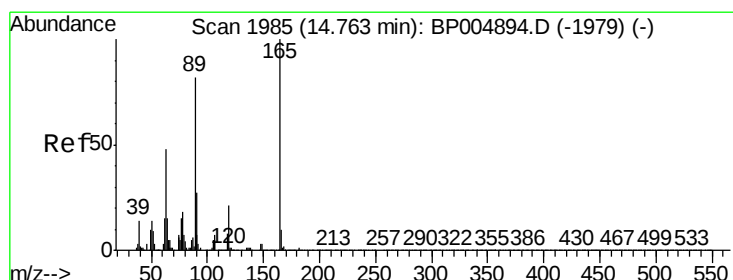
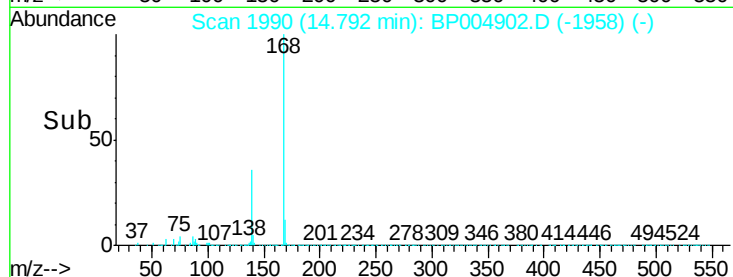
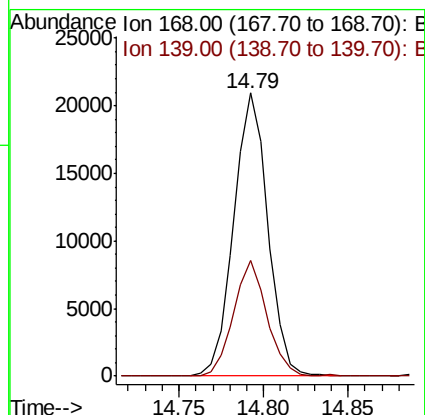
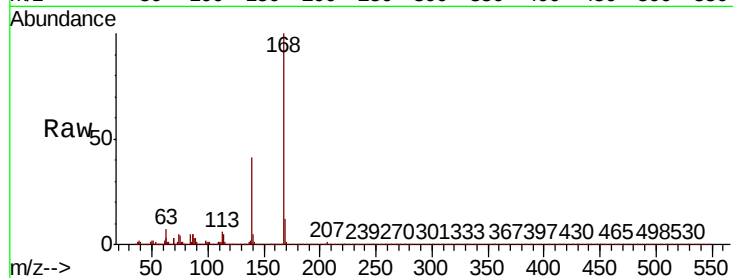
168 100

139 40.8 32.6 48.8

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#55

2,4-Dinitrotoluene

Concen: 3.778 ng/ul

RT: 14.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

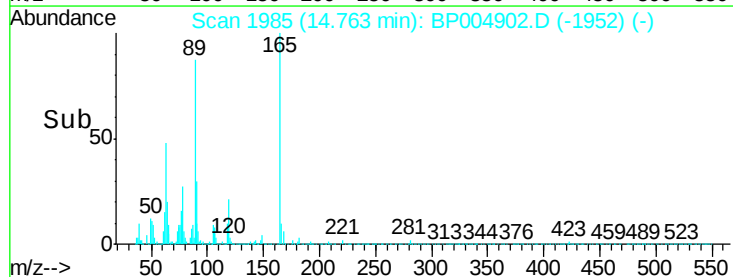
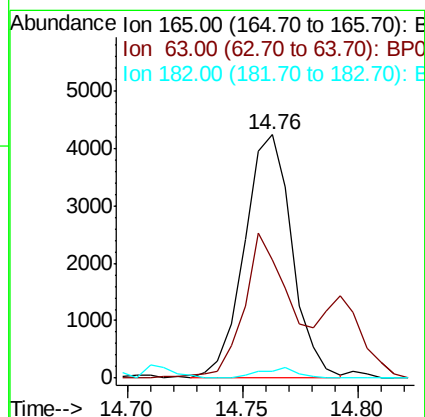
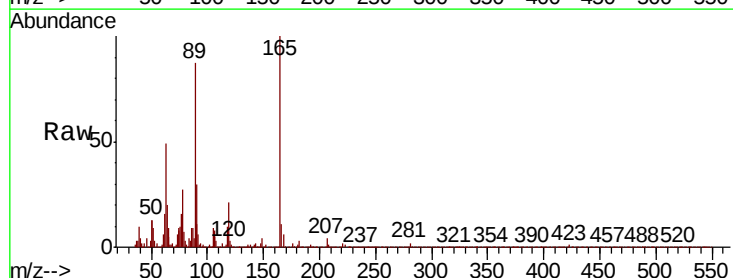
Tgt Ion:165 Resp: 6107

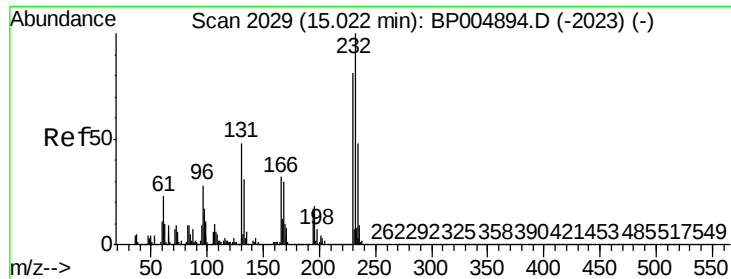
Ion Ratio Lower Upper

165 100

63 48.8 42.2 63.2

182 2.8 3.0 4.4#





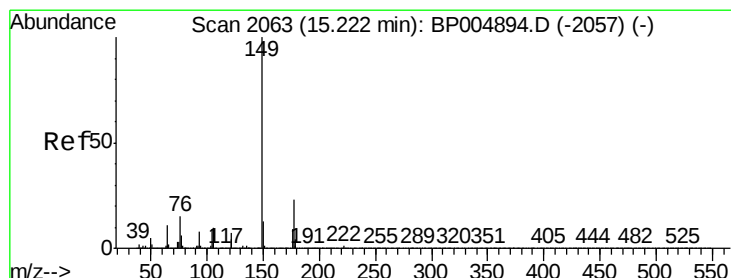
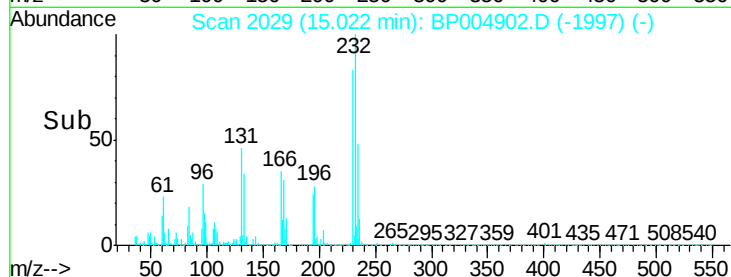
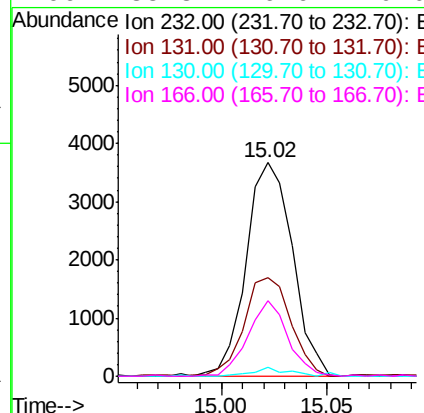
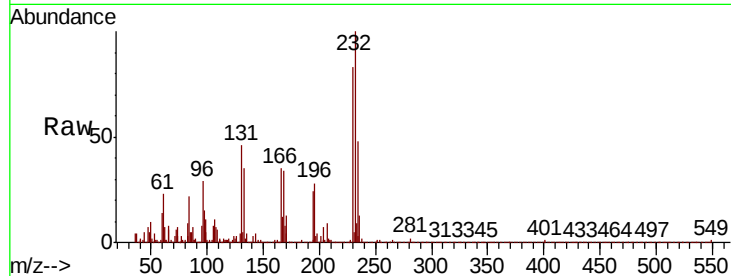
#56  
2,3,4,6-Tetrachlorophenol  
Concen: 4.031 ng/ul  
RT: 15.02 min Scan# 2029  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 46.2  | 38.2  | 57.4  |
| 130     | 3.9   | 2.5   | 3.7   |
| 166     | 35.3  | 26.6  | 40.0  |

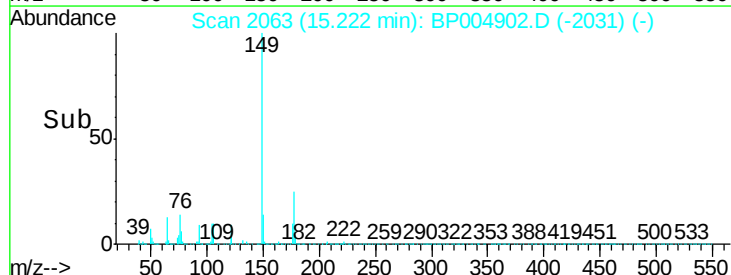
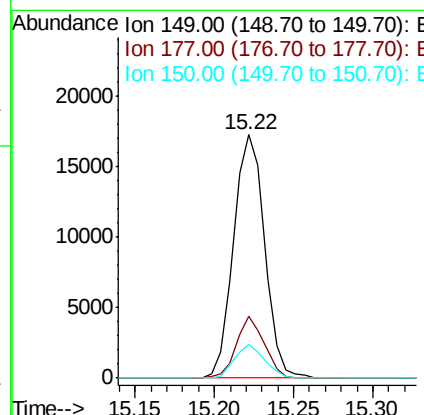
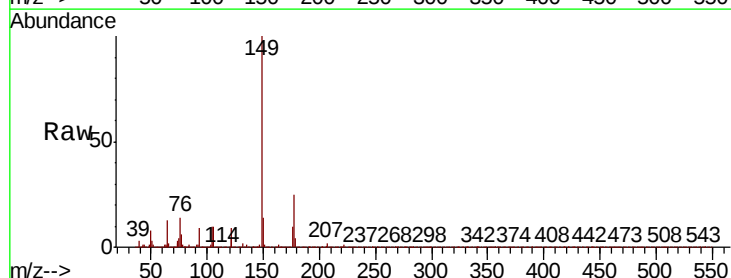
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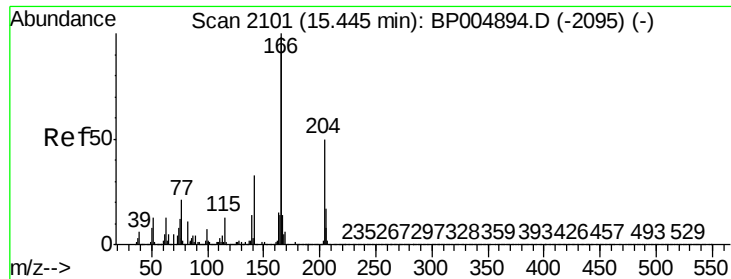
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#57  
Diethylphthalate  
Concen: 4.217 ng/ul  
RT: 15.22 min Scan# 2063  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.2  | 18.4  | 27.6  |
| 150     | 13.9  | 10.7  | 16.1  |





#59

Fluorene

Concen: 4.279 ng/ul

RT: 15.45 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

Instrument :

BNA\_P

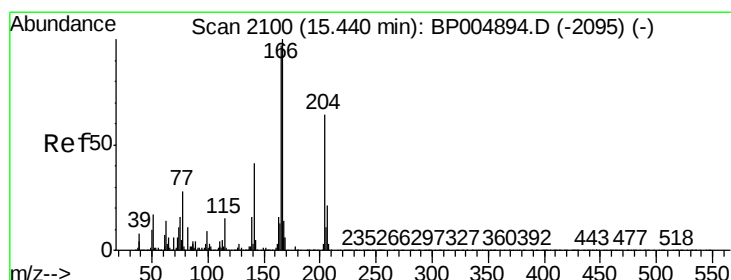
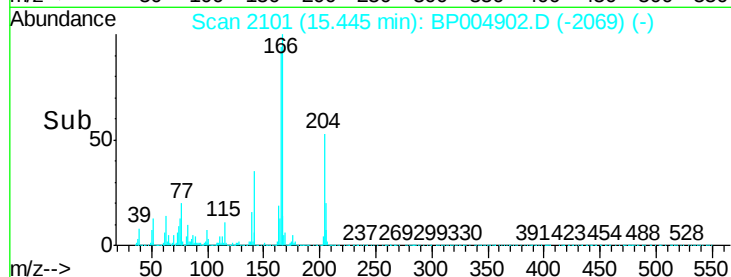
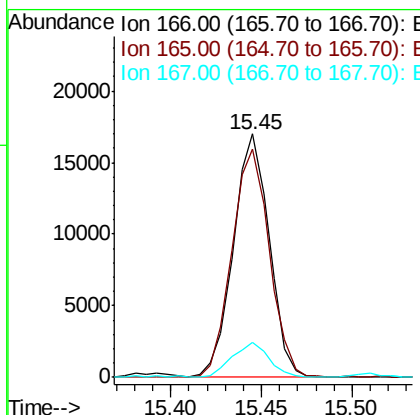
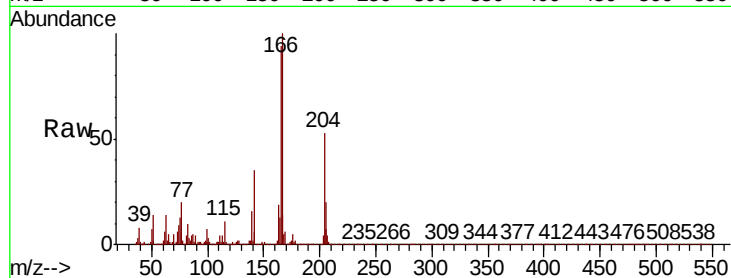
ClientSampleId :

MDL-ME-SOIL-01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 166   | Resp: | 23463 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 93.8  | 75.2  | 112.8 |
| 167       | 14.3  | 10.8  | 16.2  |

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#60

4-Chlorophenyl-phenylether

Concen: 4.092 ng/ul

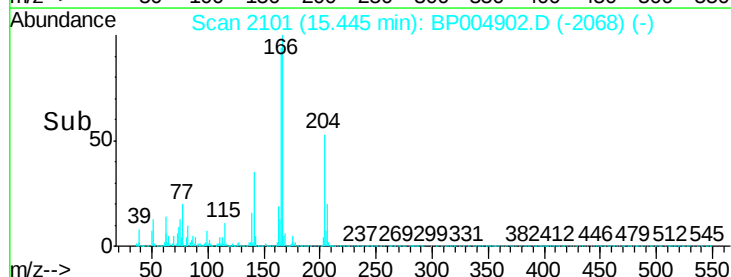
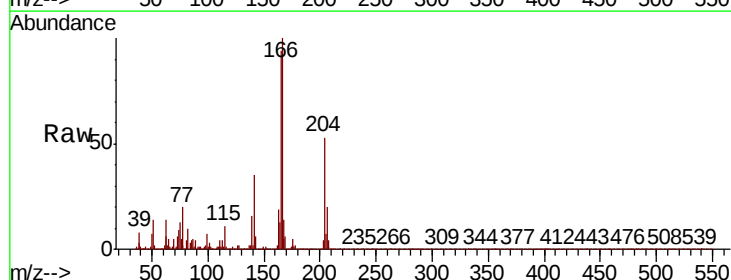
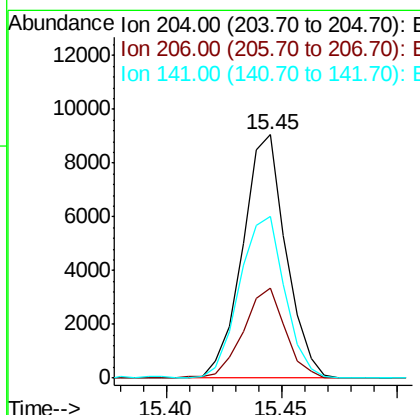
RT: 15.45 min Scan# 2101

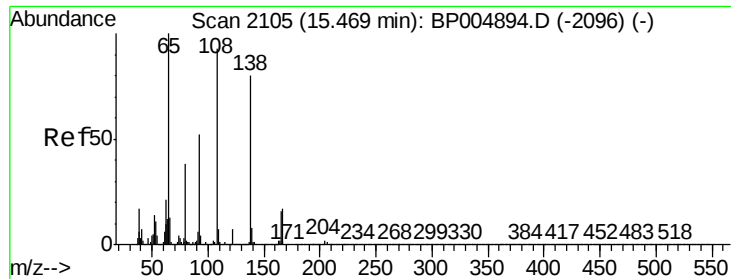
Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 204   | Resp: | 11818 |
| Ion Ratio | Lower | Upper |       |
| 204       | 100   |       |       |
| 206       | 37.1  | 26.3  | 39.5  |
| 141       | 66.5  | 48.2  | 72.2  |





#61

4-Nitroaniline

Concen: 3.604 ng/ul

RT: 15.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

Instrument :

BNA\_P

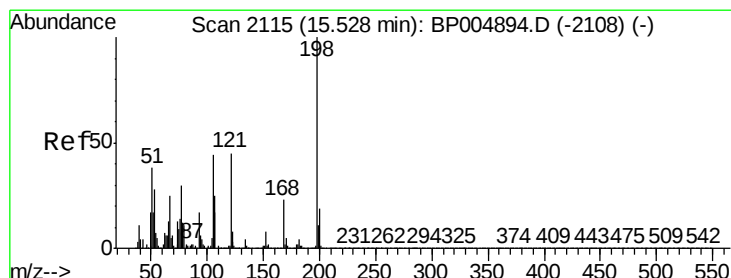
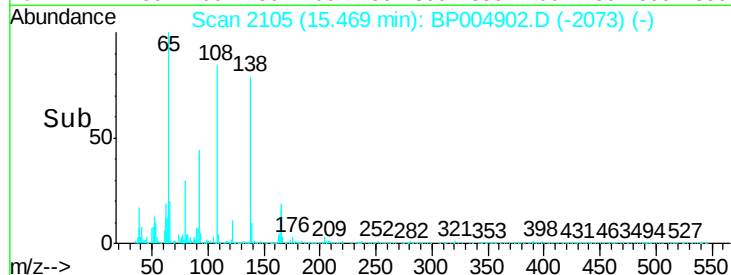
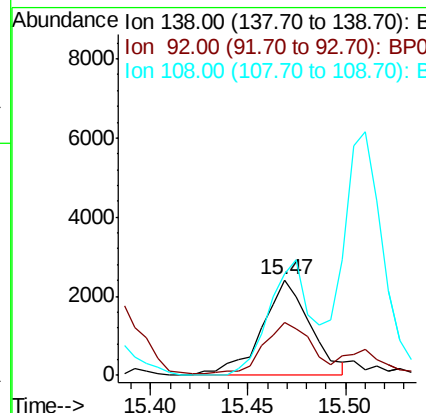
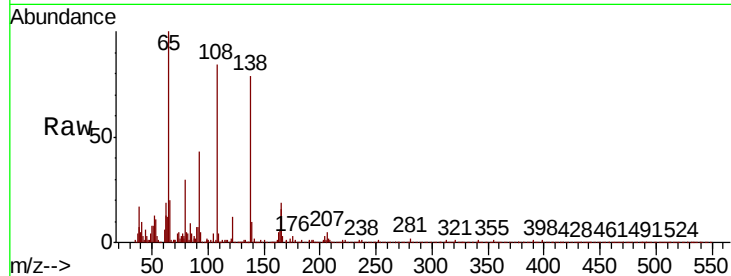
ClientSampleId :

MDL-ME-SOIL-01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 138   | Resp: | 4125  |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 92       | 55.1  | 46.1  | 69.1  |
| 108      | 106.5 | 94.0  | 141.0 |

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#64

4,6-Dinitro-2-methylphenol

Concen: 4.098 ng/ul

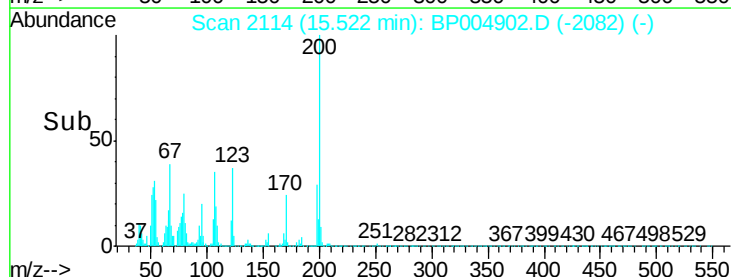
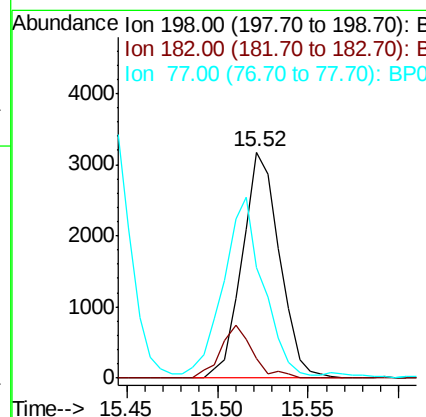
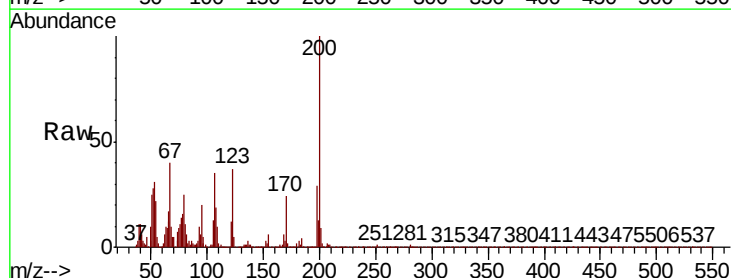
RT: 15.52 min Scan# 2114

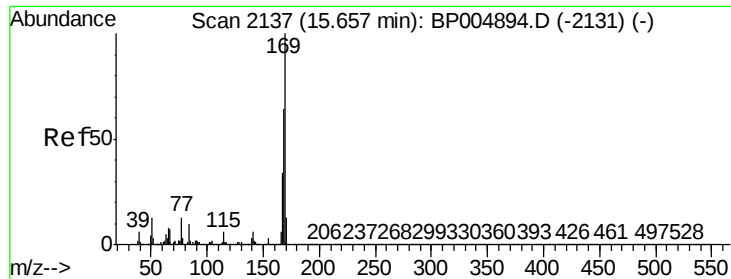
Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 198   | Resp: | 4547  |
| Ion      | Ratio | Lower | Upper |
| 198      | 100   |       |       |
| 182      | 8.8   | 4.0   | 6.0#  |
| 77       | 49.0  | 23.9  | 35.9# |





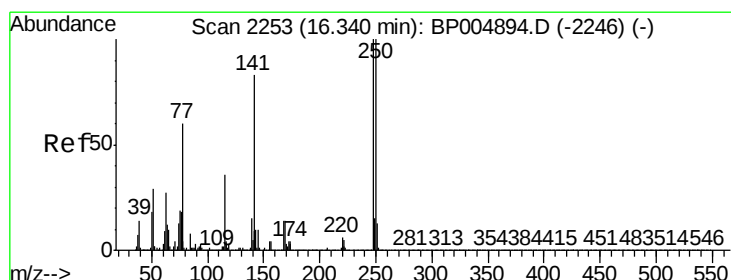
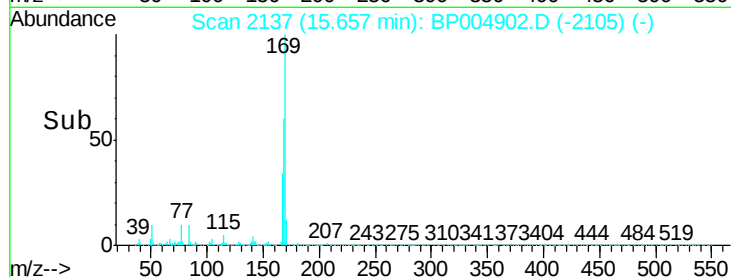
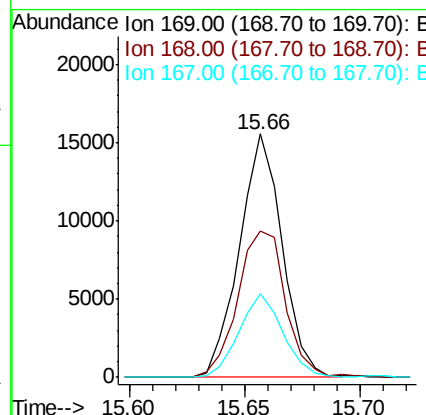
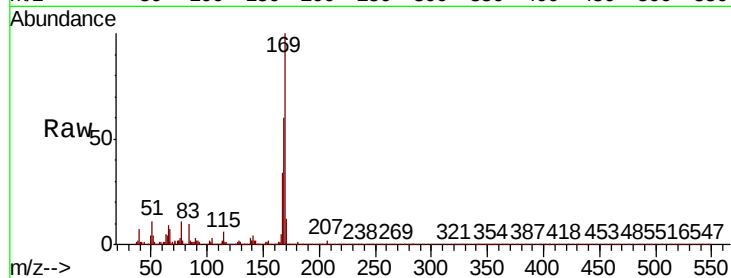
#65  
N-Nitrosodiphenylamine  
Concen: 4.046 ng/ul  
RT: 15.66 min Scan# 2137  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 60.0  | 54.1  | 81.1  |
| 167     | 34.3  | 29.0  | 43.4  |

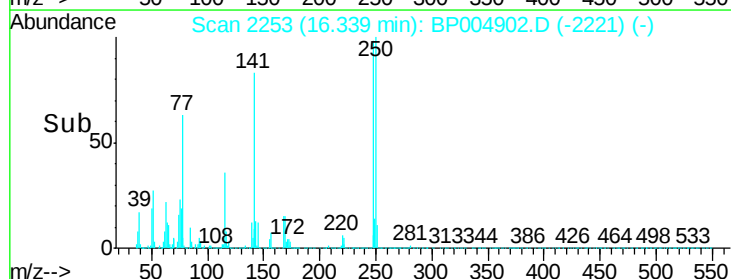
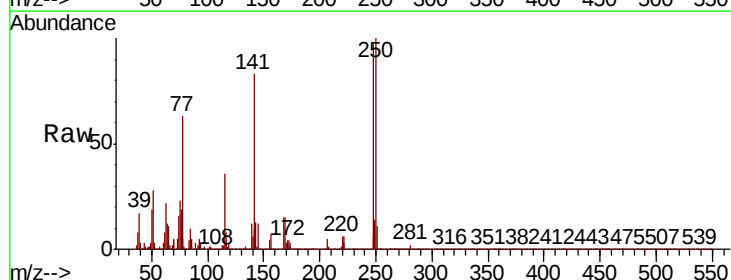
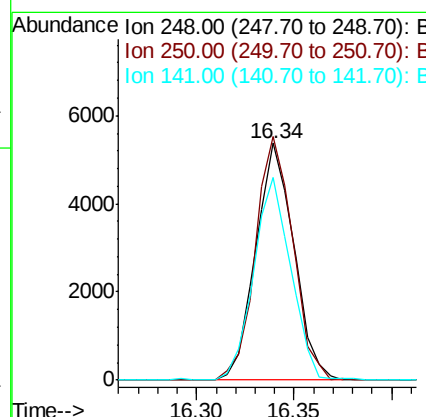
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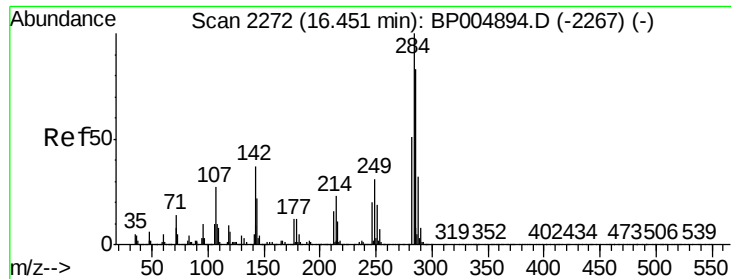
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#66  
4-Bromophenyl-phenylether  
Concen: 4.094 ng/ul  
RT: 16.34 min Scan# 2253  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 102.7 | 76.1  | 114.1 |
| 141     | 85.6  | 69.9  | 104.9 |





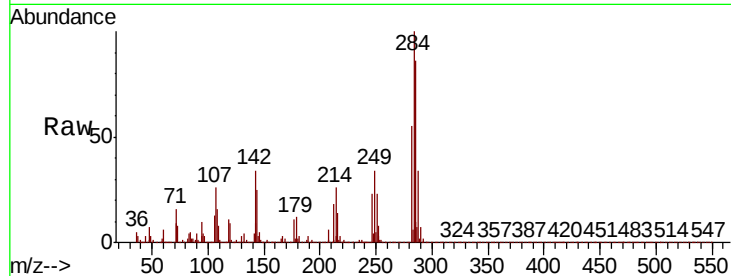
#67  
Hexachlorobenzene  
Concen: 4.102 ng/ul  
RT: 16.45 min Scan# 2272  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

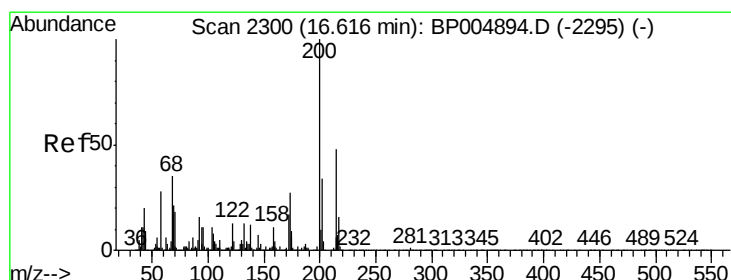
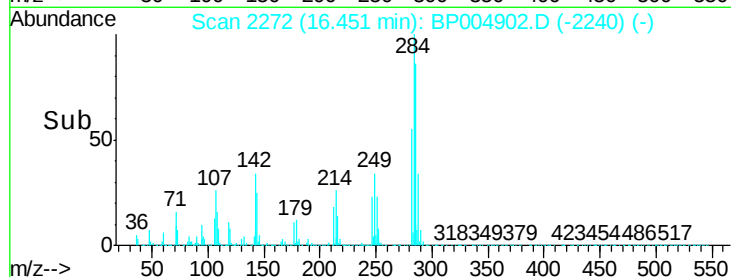
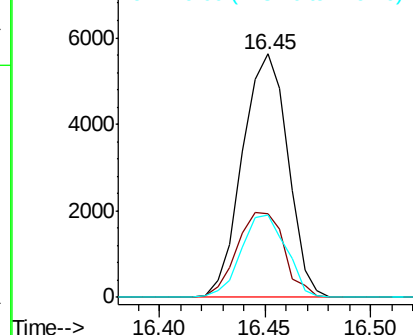
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 284   | Resp: | 8363 |
| Ion Ratio | Lower | Upper |      |
| 284       | 100   |       |      |
| 142       | 43.1  | 33.6  | 50.4 |
| 249       | 33.8  | 25.0  | 37.4 |

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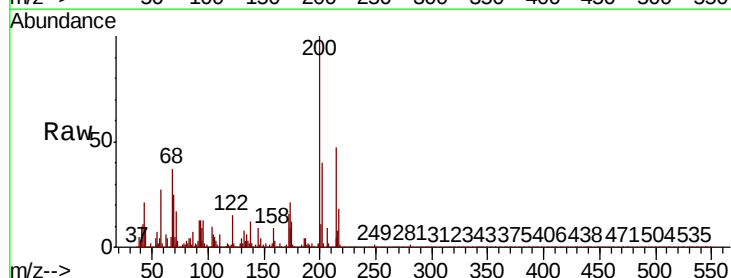


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

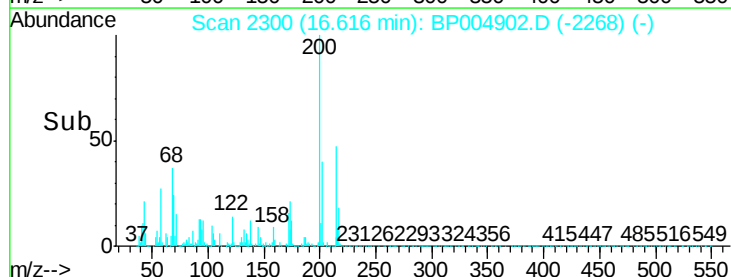
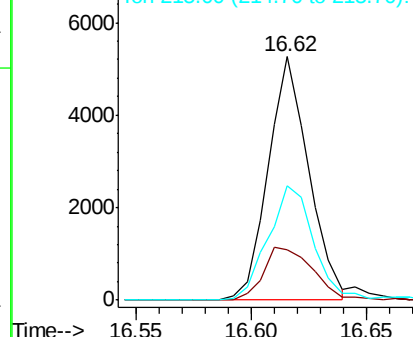


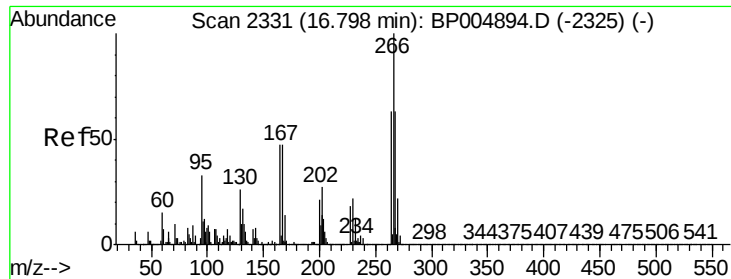
#68  
Atrazine  
Concen: 3.320 ng/ul  
RT: 16.62 min Scan# 2300  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 6415  |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 20.7  | 21.2  | 31.8# |
| 215       | 46.8  | 38.3  | 57.5  |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





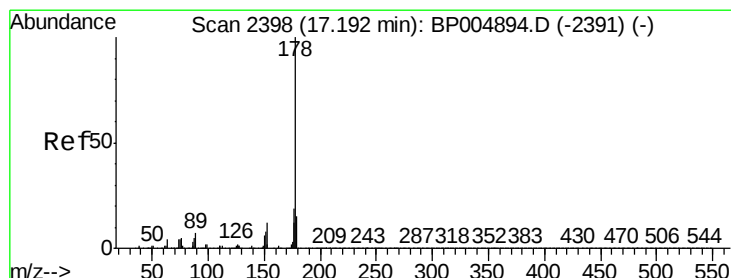
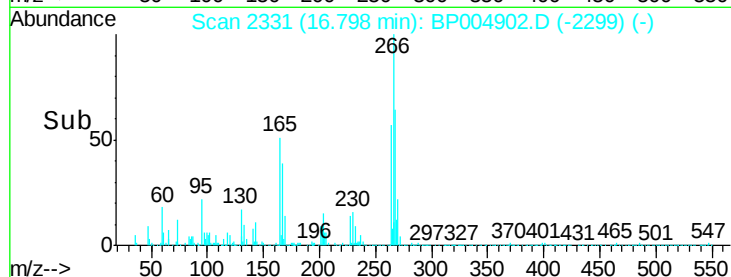
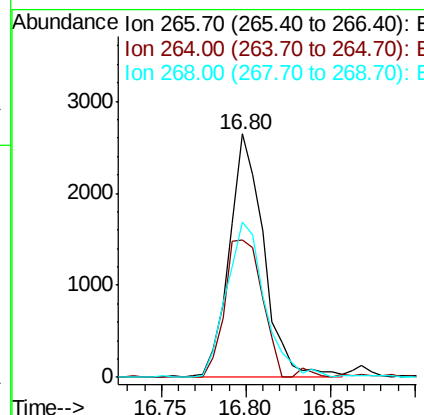
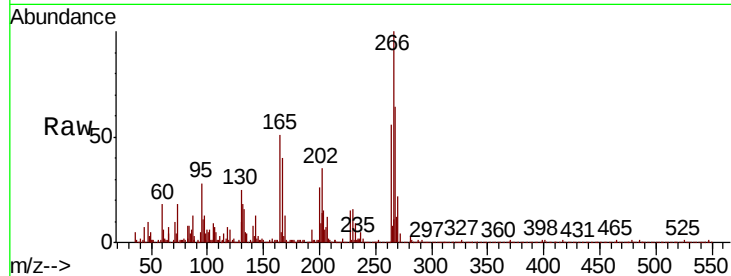
#69  
 Pentachlorophenol  
 Concen: 3.018 ng/ul  
 RT: 16.80 min Scan# 2331  
 Delta R.T. -0.01 min  
 Lab File: BP004902.D  
 Acq: 03 Mar 2021 19:58

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 56.5  | 49.6  | 74.4  |
| 268     | 63.8  | 52.6  | 78.8  |

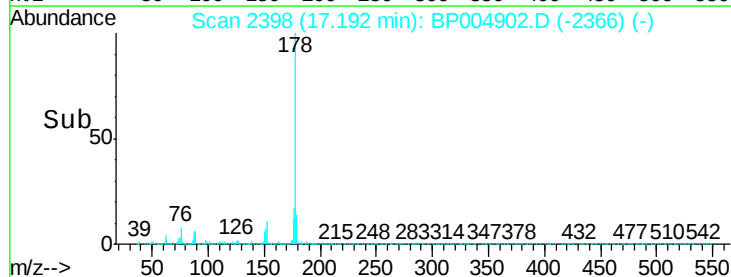
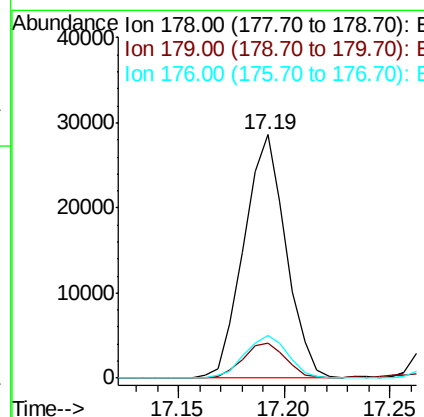
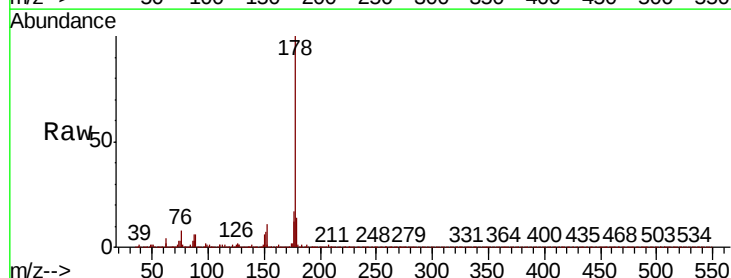
Manual Integrations  
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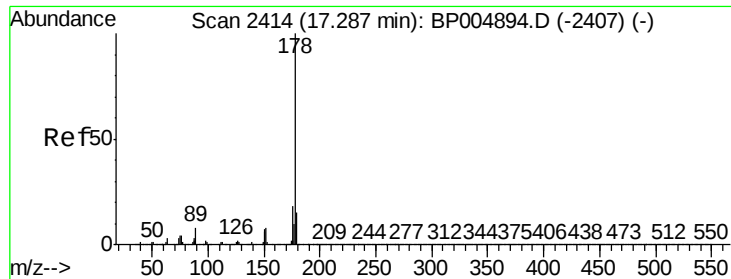
mohammad  
 3/4/2021 11:33:42 AM



#70  
 Phenanthrene  
 Concen: 4.329 ng/ul  
 RT: 17.19 min Scan# 2398  
 Delta R.T. -0.01 min  
 Lab File: BP004902.D  
 Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.3  | 12.6  | 18.8  |
| 176     | 17.5  | 14.6  | 21.8  |





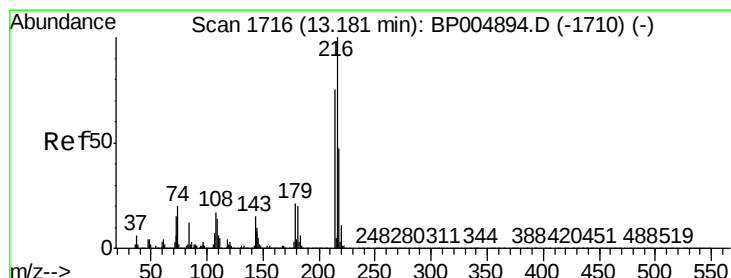
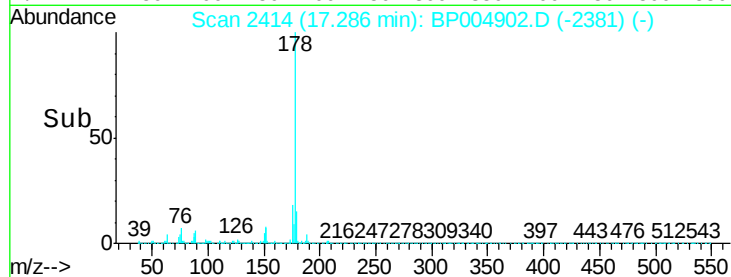
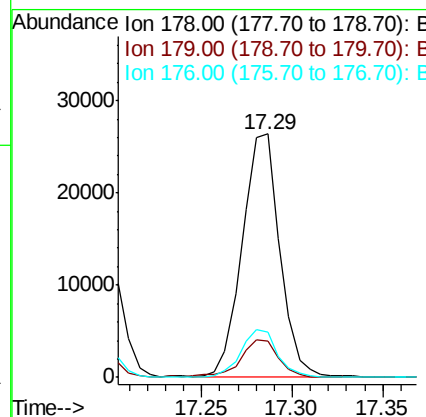
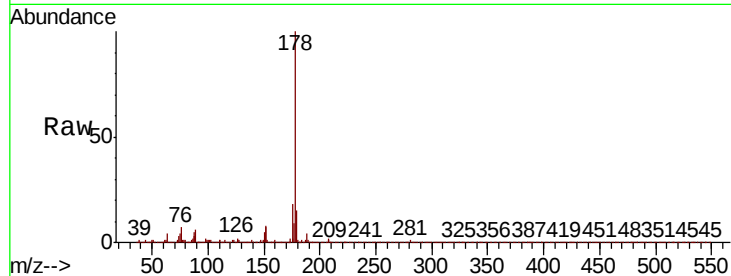
#72  
 Anthracene  
 Concen: 4.107 ng/ul  
 RT: 17.29 min Scan# 2414  
 Delta R.T. -0.01 min  
 Lab File: BP004902.D  
 Acq: 03 Mar 2021 19:58

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-ME-SOIL-01

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:178 | Resp: | 38258     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 179         | 14.9  | 11.8 17.8 |
| 176         | 18.4  | 14.3 21.5 |

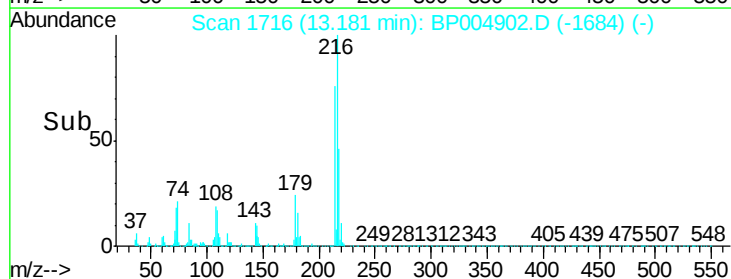
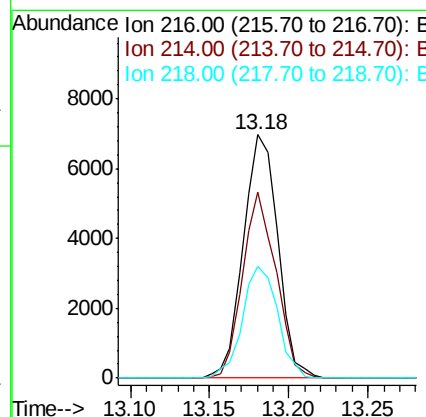
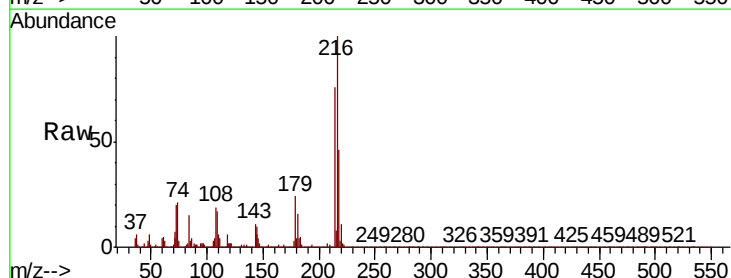
Manual Integrations  
 APPROVED

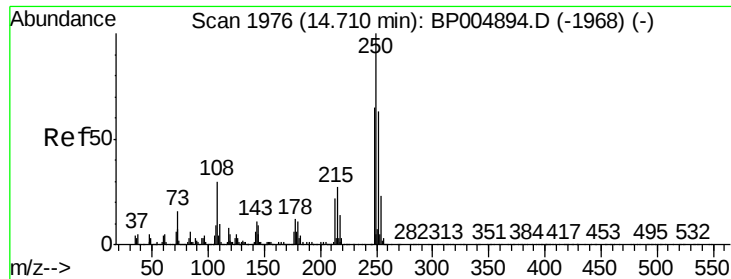
mohammad  
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#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 4.227 ng/uL  
 RT: 13.18 min Scan# 1716  
 Delta R.T. -0.01 min  
 Lab File: BP004902.D  
 Acq: 03 Mar 2021 19:58

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:216 | Resp: | 10564     |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 76.5  | 60.6 90.8 |
| 218         | 45.7  | 36.6 55.0 |





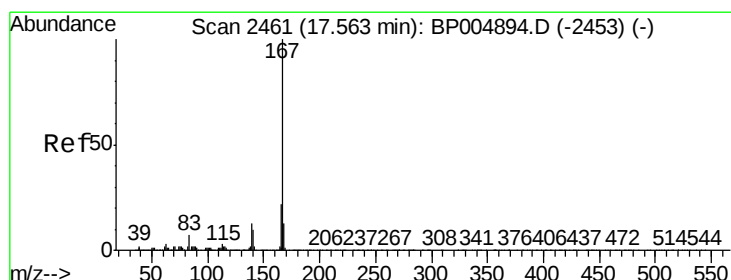
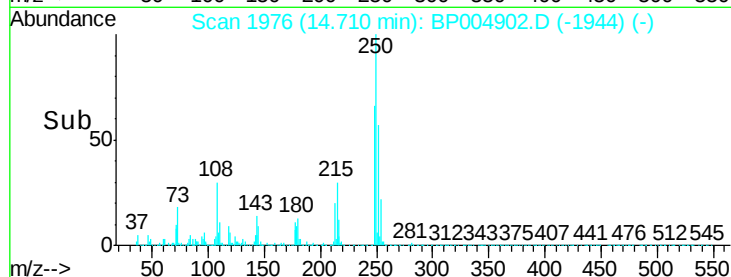
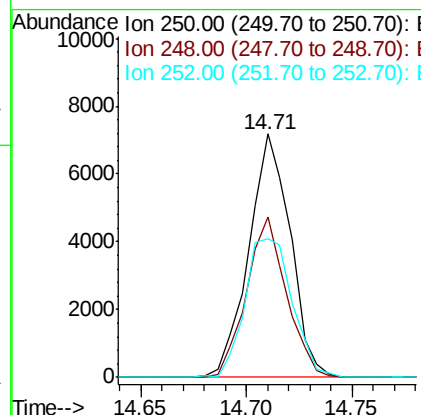
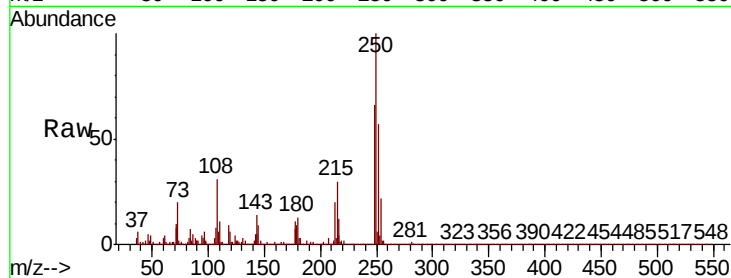
#74  
Pentachlorobenzene  
Concen: 4.025 ng/uL  
RT: 14.71 min Scan# 1976  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 66.0  | 50.5  | 75.7  |
| 252     | 56.9  | 49.5  | 74.3  |

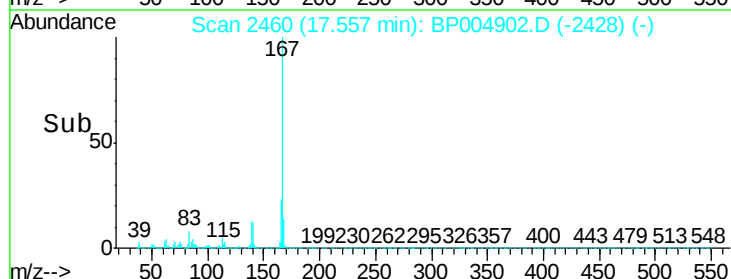
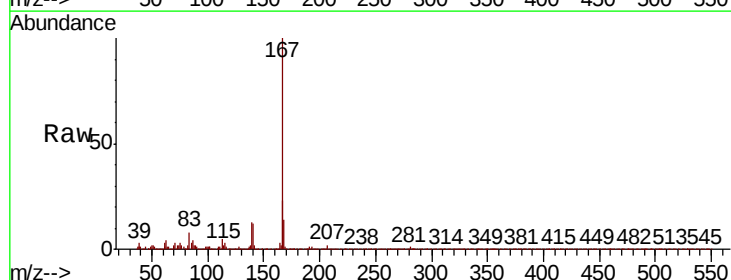
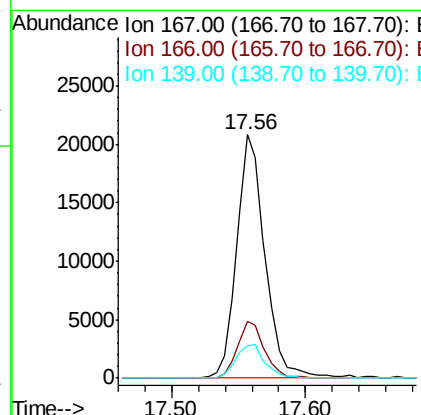
Manual Integrations  
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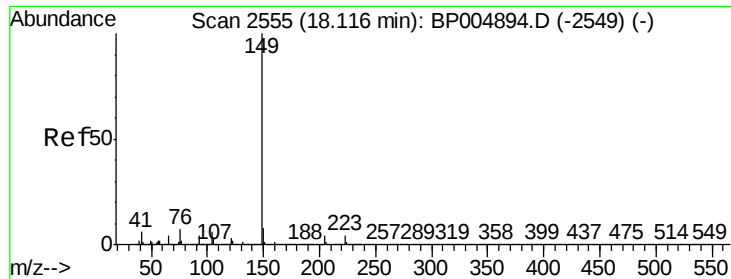
mohammad  
3/4/2021 11:33:42 AM



#75  
Carbazole  
Concen: 3.743 ng/uL  
RT: 17.56 min Scan# 2460  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.1  | 17.5  | 26.3  |
| 139     | 13.1  | 10.9  | 16.3  |





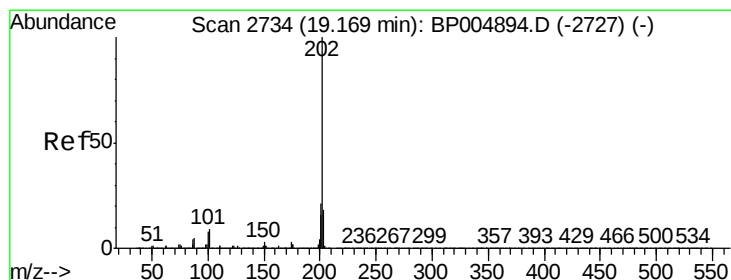
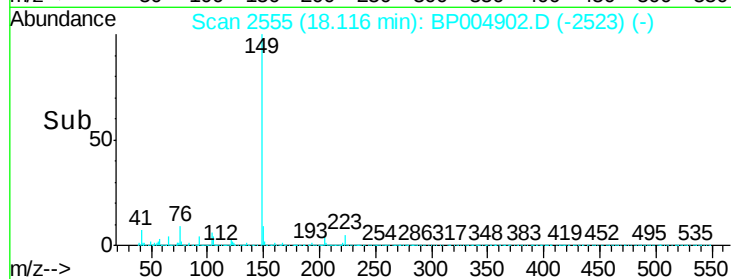
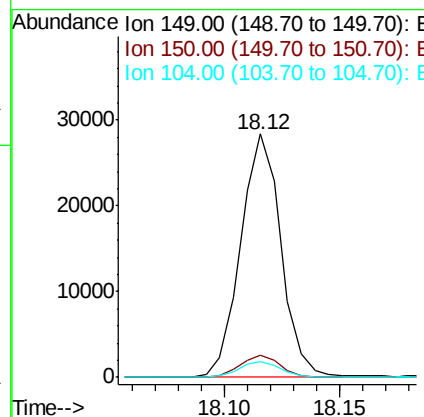
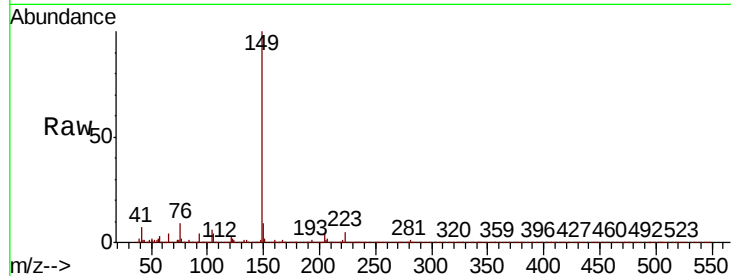
#76  
Di-n-butylphthalate  
Concen: 3.568 ng/ul  
RT: 18.12 min Scan# 2555  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 149   | Resp: | 34550 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 150       | 9.1   | 7.0   | 10.4  |
| 104       | 6.3   | 5.0   | 7.6   |

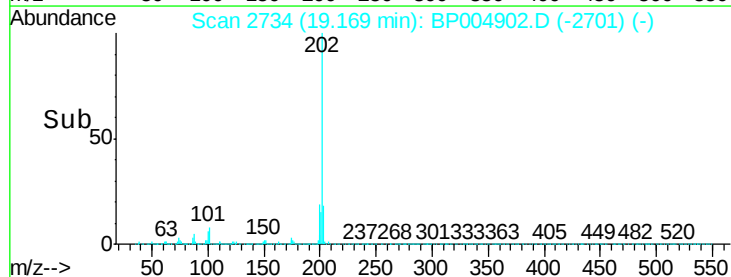
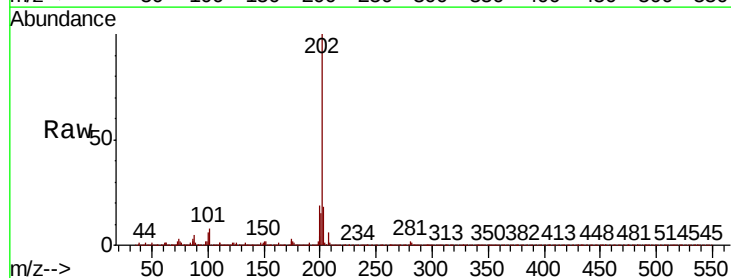
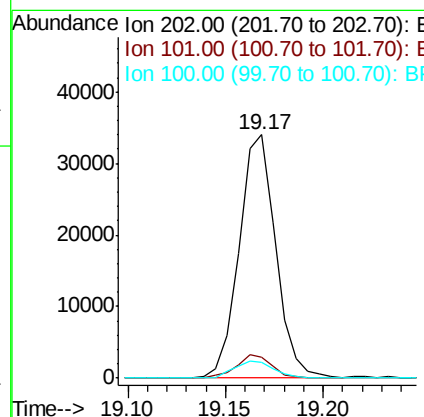
Manual Integrations  
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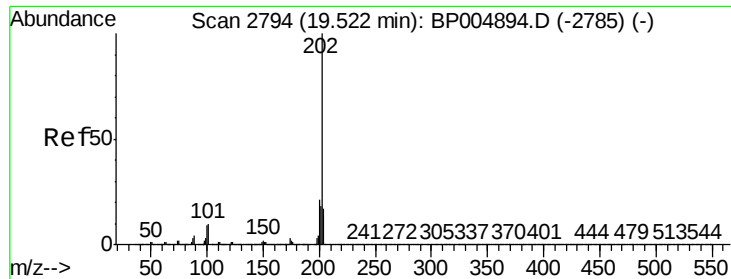
mohammad  
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#77  
Fluoranthene  
Concen: 4.039 ng/ul  
RT: 19.17 min Scan# 2734  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 44211 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 8.4   | 7.5   | 11.3  |
| 100       | 6.3   | 5.9   | 8.9   |





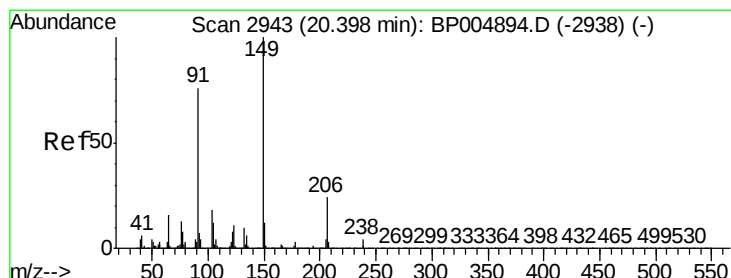
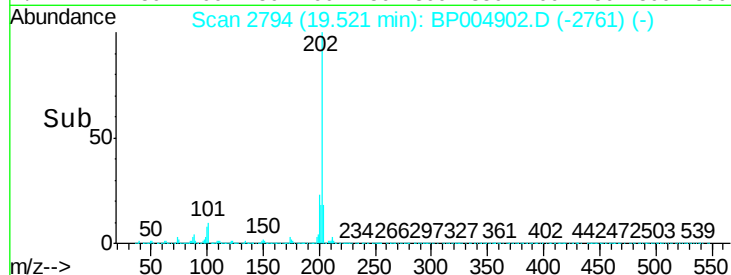
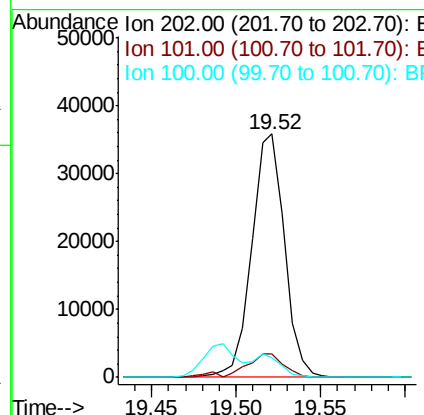
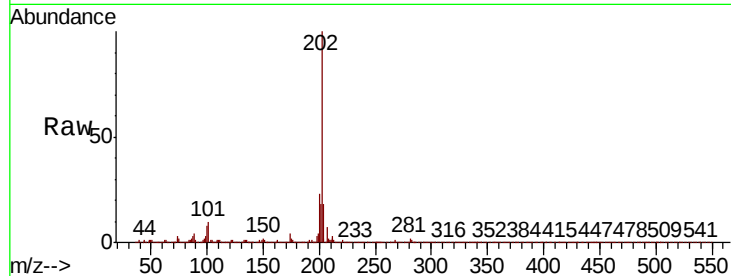
#80  
Pvrene  
Concen: 4.090 ng/ul  
RT: 19.52 min Scan# 2794  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 202     | 100 |       | 48398 |       |       |
| 101     | 9.8 | 8.6   | 13.0  |       |       |
| 100     | 8.3 | 6.9   | 10.3  |       |       |

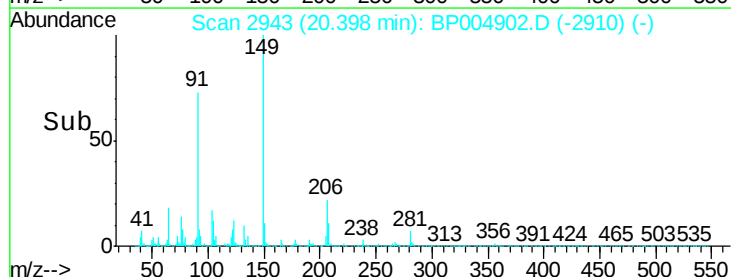
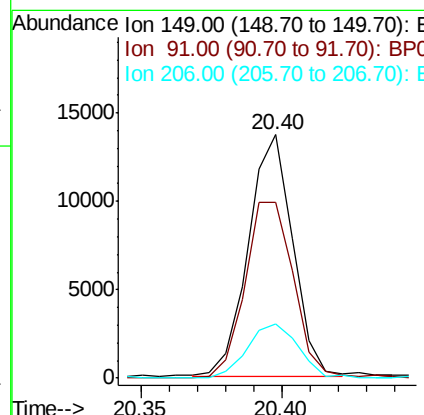
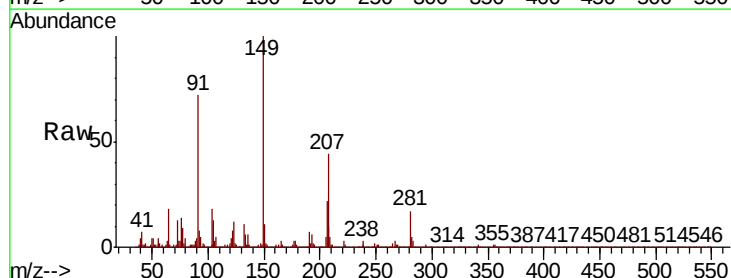
Manual Integrations  
APPROVED

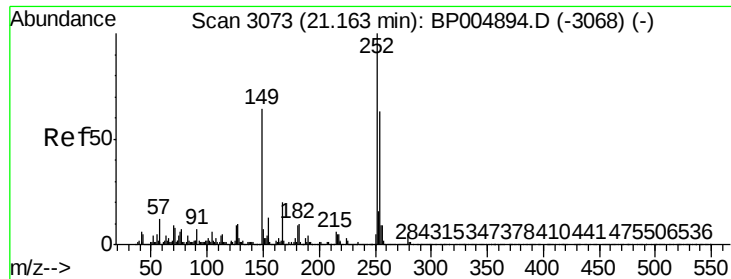
mohammad  
3/4/2021 11:33:42 AM



#81  
Butylbenzylphthalate  
Concen: 3.245 ng/ul  
RT: 20.40 min Scan# 2943  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 149     | 100  |       | 14985 |       |       |
| 91      | 72.5 | 62.0  | 93.0  |       |       |
| 206     | 22.1 | 19.0  | 28.6  |       |       |





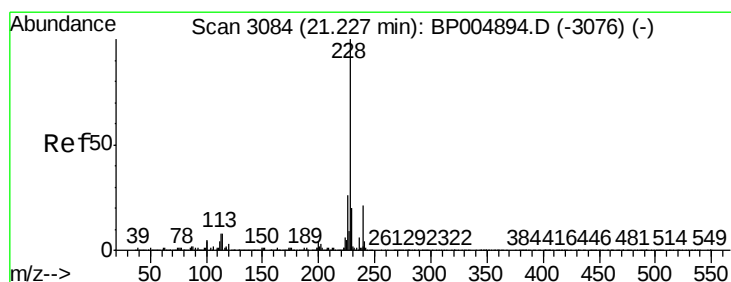
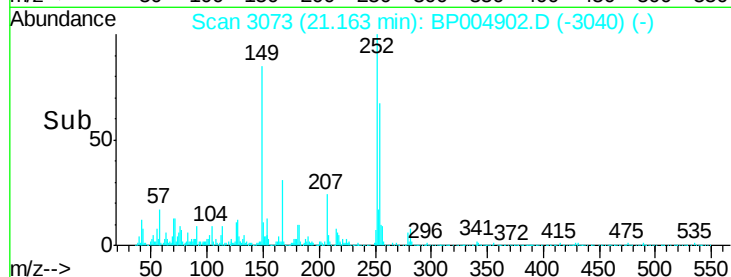
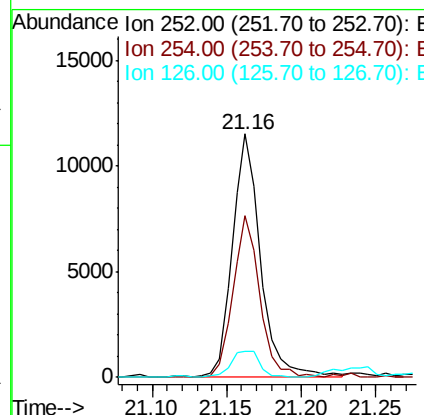
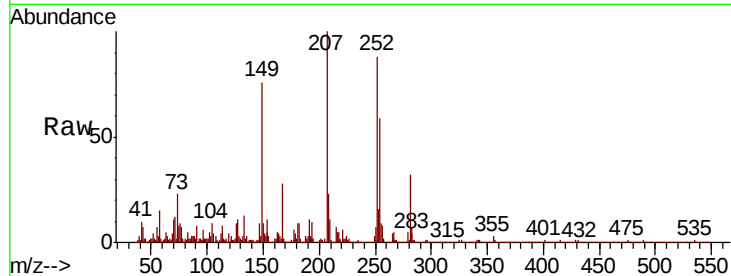
#82  
 3,3'-Dichlorobenzidine  
 Concen: 3.829 ng/ul  
 RT: 21.16 min Scan# 3073  
 Delta R.T. -0.01 min  
 Lab File: BP004902.D  
 Acq: 03 Mar 2021 19:58

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.5  | 50.8  | 76.2  |
| 126     | 10.7  | 7.7   | 11.5  |

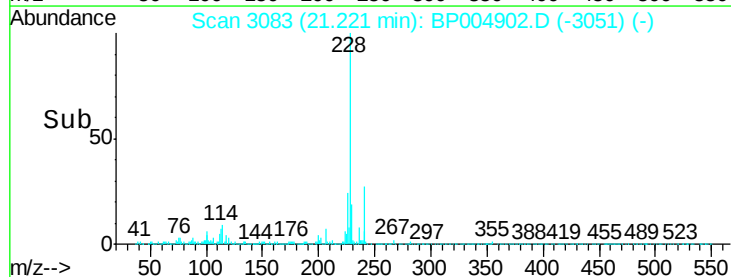
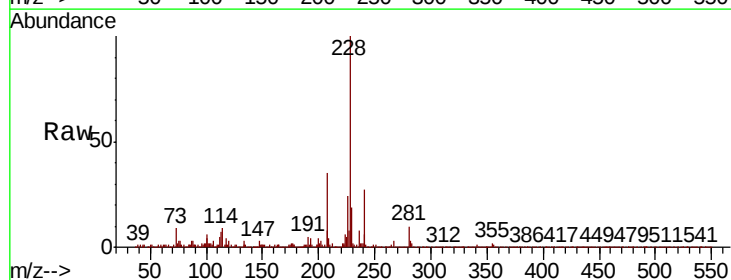
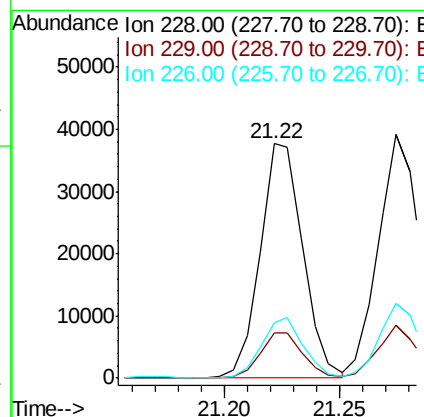
Manual Integrations  
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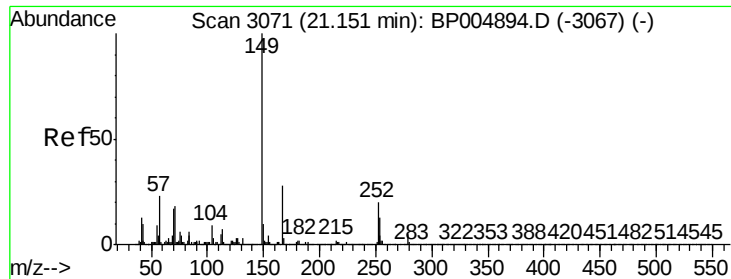
mohammad  
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#83  
 Benzo(a)anthracene  
 Concen: 4.103 ng/ul  
 RT: 21.22 min Scan# 3083  
 Delta R.T. -0.01 min  
 Lab File: BP004902.D  
 Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 19.1  | 15.4  | 23.0  |
| 226     | 23.7  | 21.1  | 31.7  |





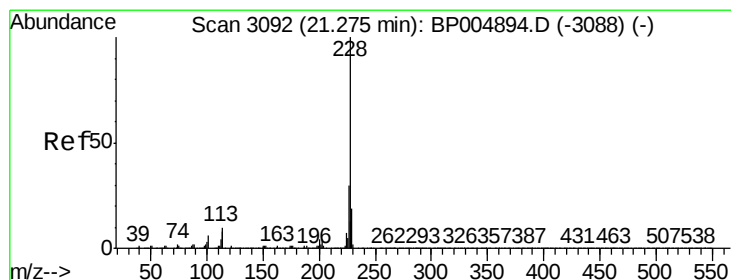
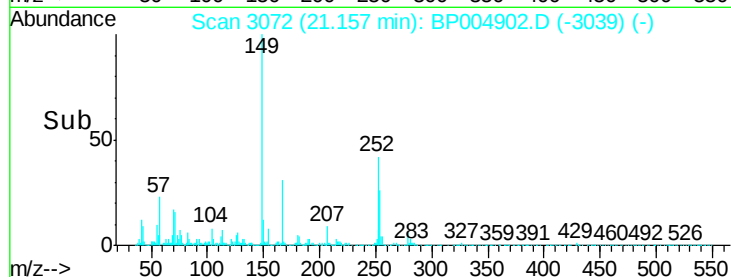
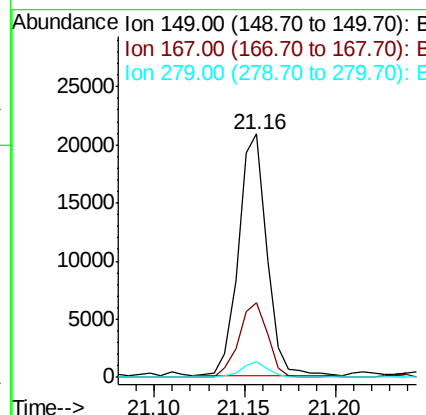
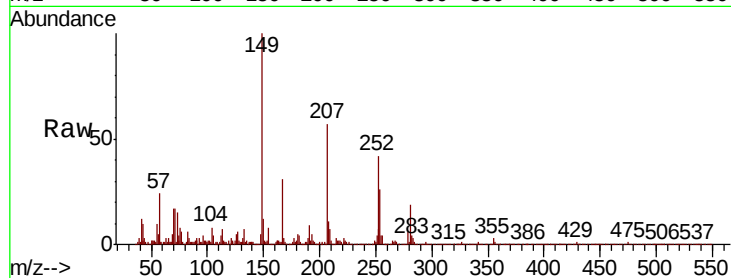
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.305 ng/ul  
RT: 21.16 min Scan# 3072  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.8  | 23.0  | 34.6  |
| 279     | 6.2   | 4.1   | 6.1   |

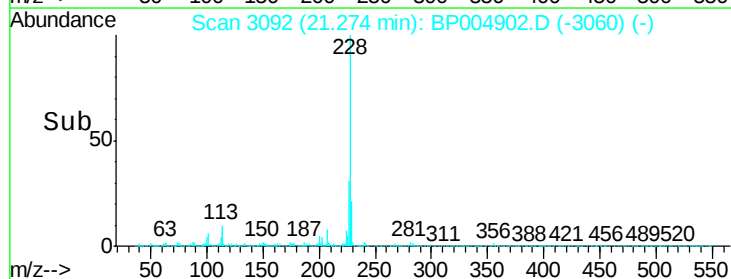
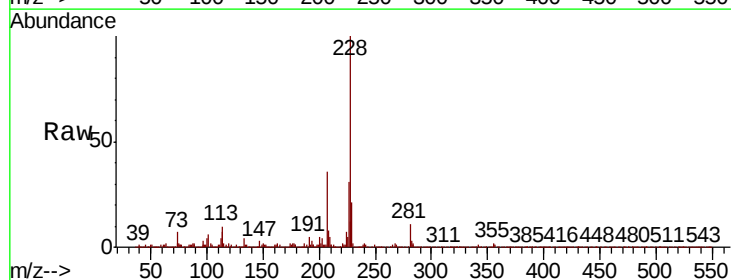
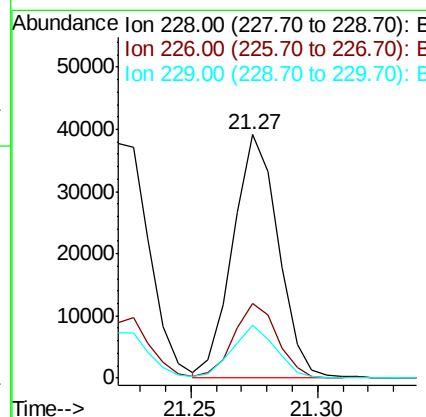
Manual Integrations  
APPROVED

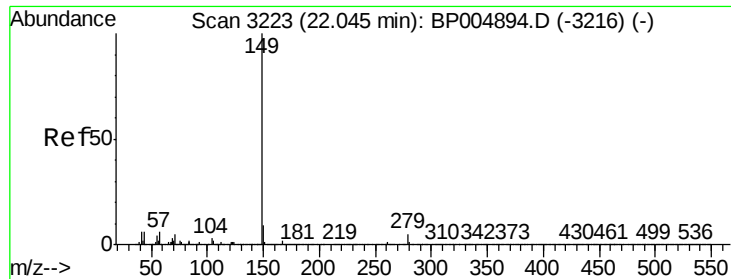
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3/4/2021 11:33:42 AM



#85  
Chrysene  
Concen: 4.233 ng/ul  
RT: 21.27 min Scan# 3092  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.6  | 23.3  | 34.9  |
| 229     | 21.5  | 15.6  | 23.4  |





#87

Di-n-octyl phthalate

Concen: 3.174 ng/ul

RT: 22.04 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

Instrument :

BNA\_P

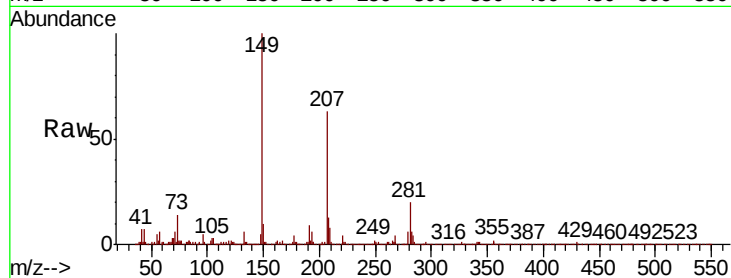
ClientSampleId :

MDL-ME-SOIL-01

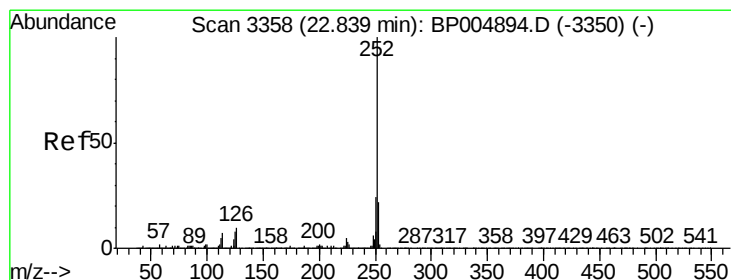
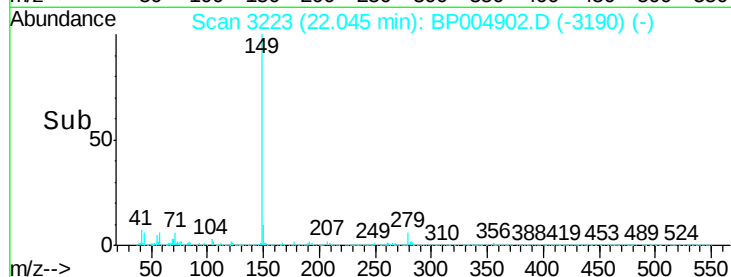
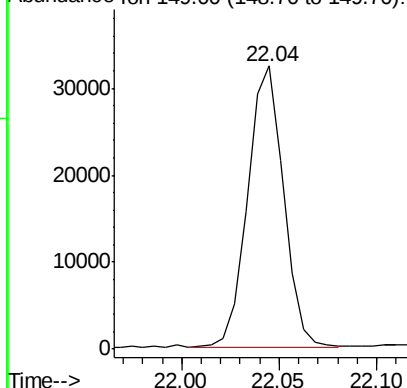
Tgt Ion:149 Resp: 40903

Manual Integrations  
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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 4.224 ng/ul m

RT: 22.84 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

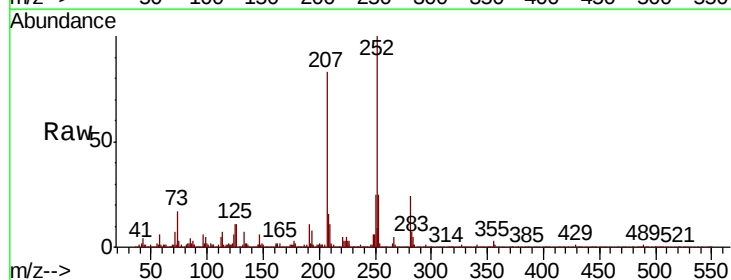
Tgt Ion:252 Resp: 51407

Ion Ratio Lower Upper

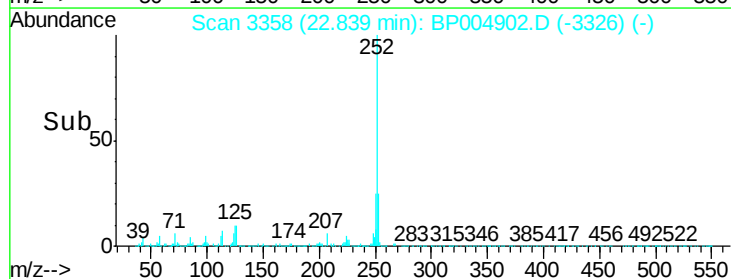
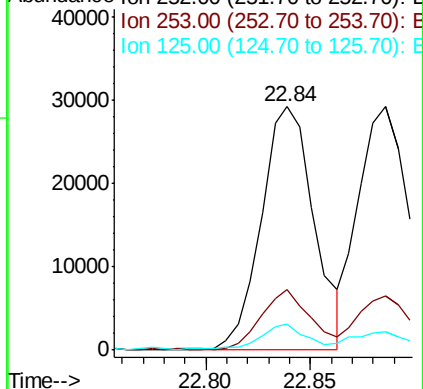
252 100

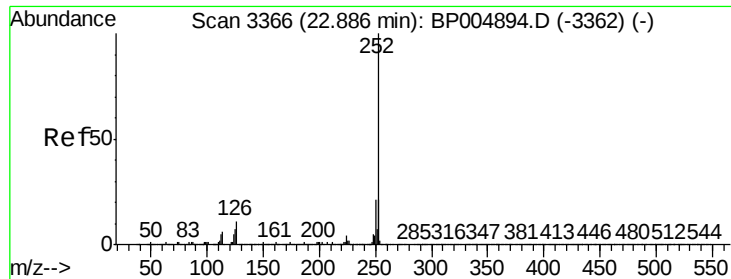
253 24.6 17.6 26.4

125 10.6 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E





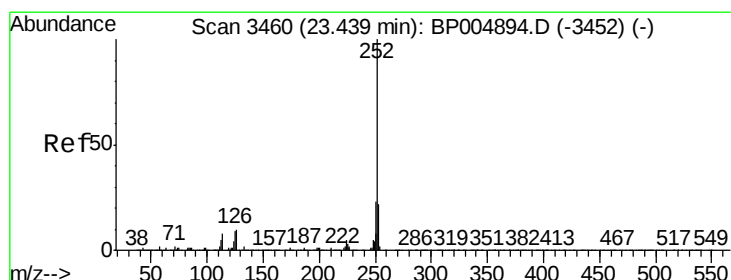
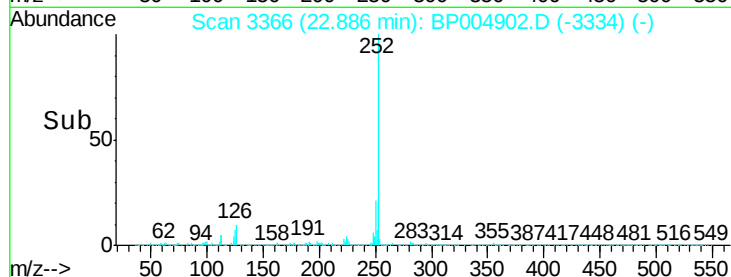
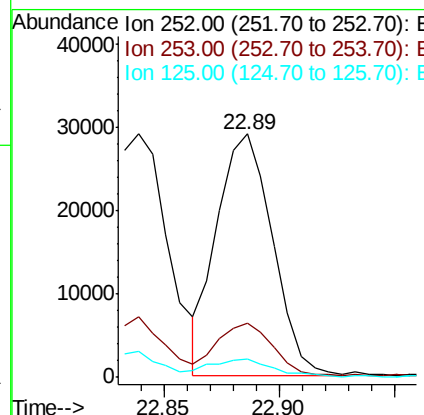
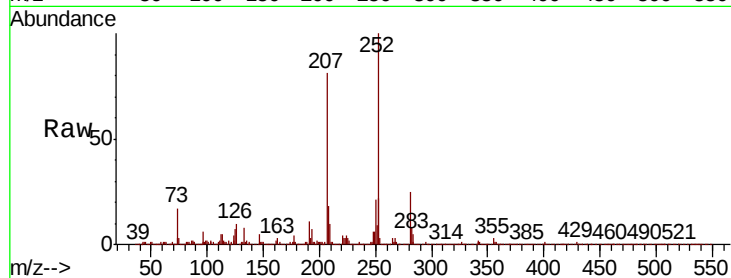
#89  
Benzo(k)fluoranthene  
Concen: 4.056 ng/ul  
RT: 22.89 min Scan# 3366  
Delta R.T. -0.01 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 252   | Resp: | 48818 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.1  | 17.6  | 26.4  |
| 125       | 7.4   | 6.5   | 9.7   |

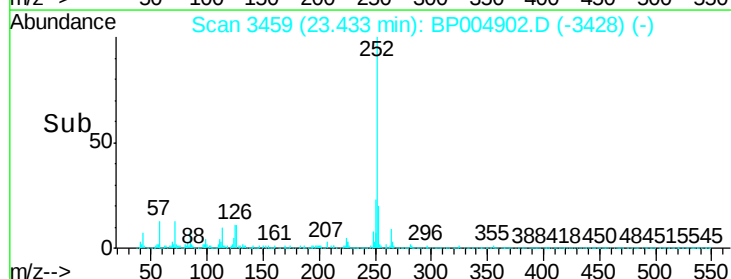
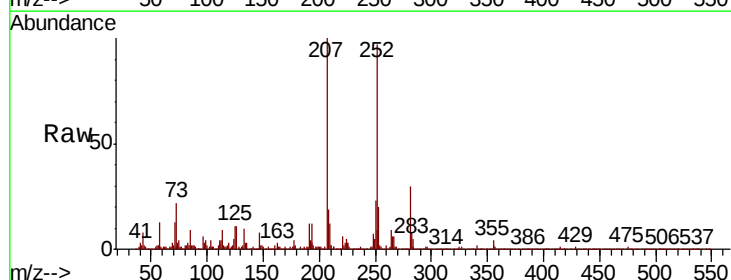
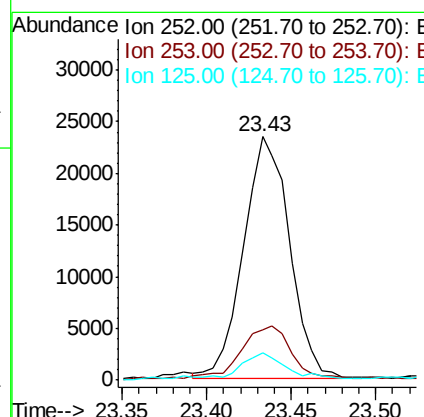
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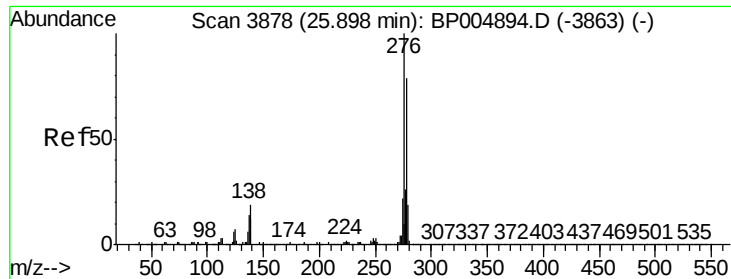
mohammad  
3/4/2021 11:33:42 AM



#91  
Benzo(a)pyrene  
Concen: 4.171 ng/ul  
RT: 23.43 min Scan# 3459  
Delta R.T. -0.02 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 44573 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 20.8  | 16.9  | 25.3  |
| 125       | 11.2  | 6.9   | 10.3# |





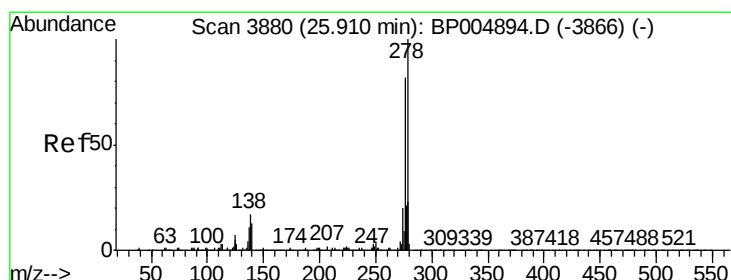
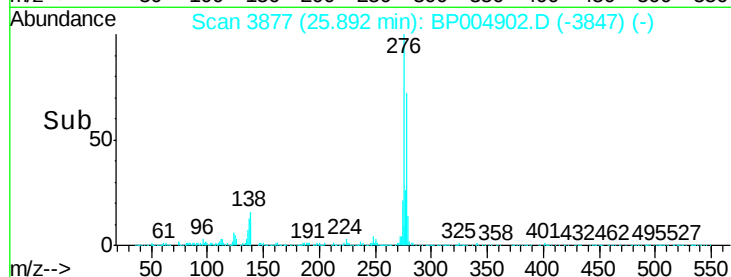
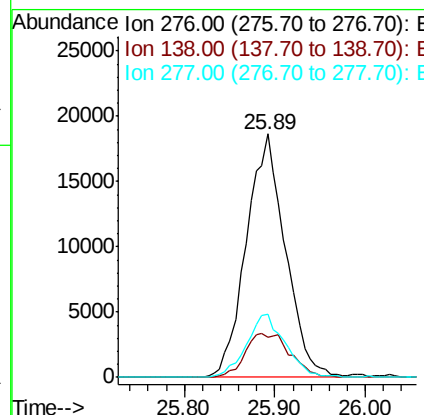
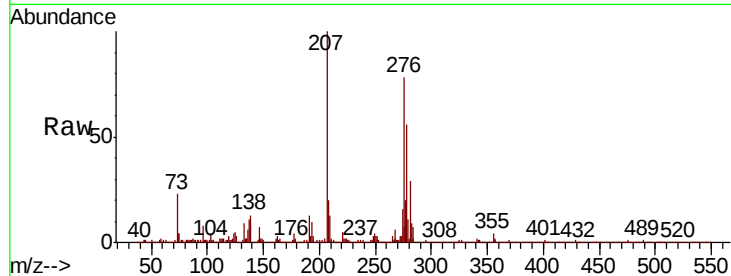
#92  
Indeno(1,2,3-cd)pyrene  
Concen: 4.080 ng/ul  
RT: 25.89 min Scan# 3877  
Delta R.T. -0.02 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-ME-SOIL-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 16.4  | 16.5  | 24.7# |
| 277     | 26.1  | 19.1  | 28.7  |

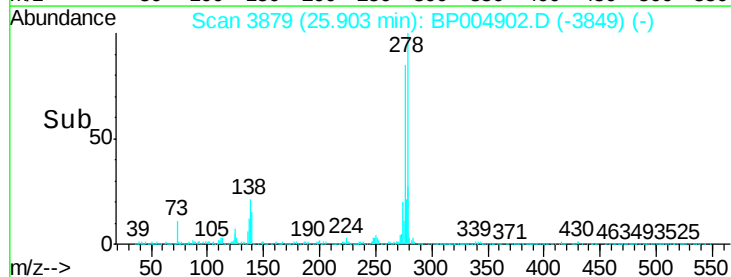
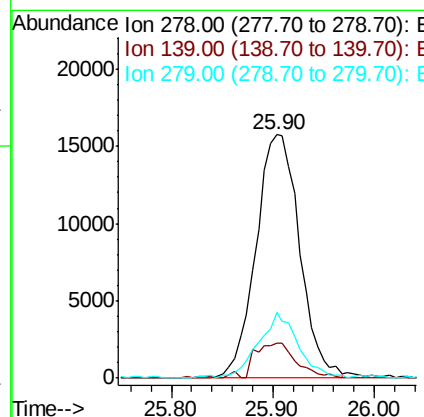
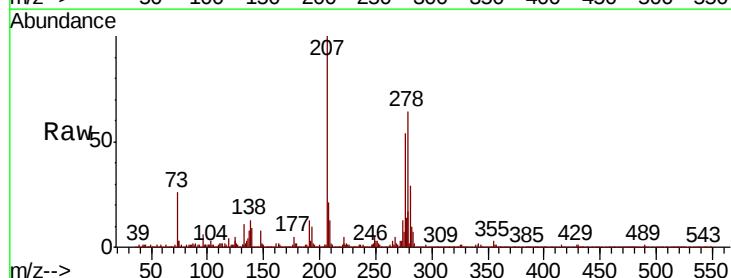
Manual Integrations  
APPROVED

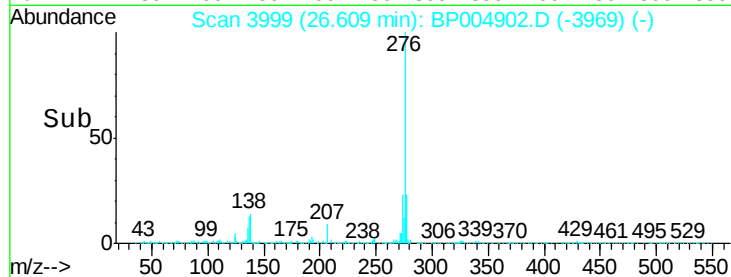
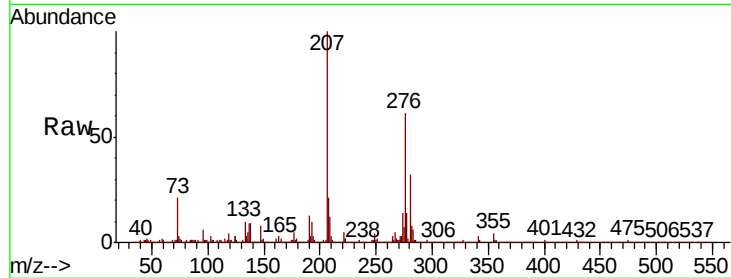
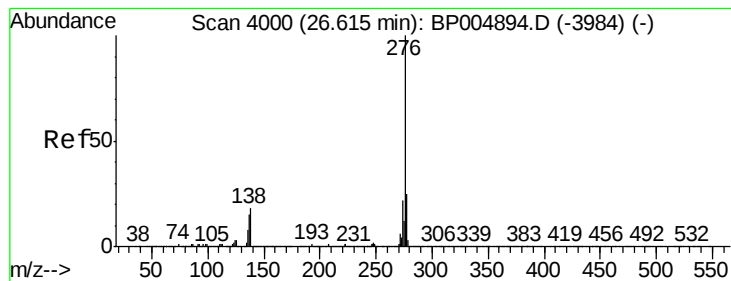
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3/4/2021 11:33:42 AM



#93  
Dibenzo(a,h)anthracene  
Concen: 4.042 ng/ul  
RT: 25.90 min Scan# 3879  
Delta R.T. -0.02 min  
Lab File: BP004902.D  
Acq: 03 Mar 2021 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.6  | 10.6  | 16.0  |
| 279     | 26.9  | 20.0  | 30.0  |





#94

Benzo(a,h,i)perylene

Concen: 4.083 ng/ul

RT: 26.61 min Scan# 3999

Delta R.T. -0.02 min

Lab File: BP004902.D

Acq: 03 Mar 2021 19:58

Instrument :

BNA\_P

ClientSampleId :

MDL-ME-SOIL-01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 276   | Resp: | 46486 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 14.6  | 13.8  | 20.6  |
| 277       | 23.1  | 18.5  | 27.7  |

Manual Integrations  
APPROVED

mohammad  
3/4/2021 11:33:42 AM

