

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\  
 Data File : BM026476.D  
 Acq On : 19 Jun 2020 21:30  
 Operator : JU/CG  
 Sample : L2182-01  
 Misc : LOD-MDL-S-8PPM  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2020

Manual Integrations  
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mohammad  
 6/22/2020 3:23:36 PM

Quant Time: Jun 20 05:27:50 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 20 04:14:27 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 99178    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.15 | 136  | 456237   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.04 | 164  | 327340   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.80 | 188  | 741595   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.01 | 240  | 753179   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.10 | 264  | 728021   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.02  | 112 | 897878  | 160.06 | ng | 0.00 |
| 7) Phenol-d6             | 6.59  | 99  | 1377505 | 169.58 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.53  | 82  | 1057691 | 113.83 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.55 | 330 | 783209  | 197.52 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.66 | 172 | 2438066 | 113.06 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.46 | 244 | 4308080 | 111.03 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.00  | 88  | 19724  | 7.799 | ng | 97     |
| 3) Pyridine                    | 3.40  | 79  | 44266  | 5.959 | ng | # 91   |
| 4) n-Nitrosodimethylamine      | 3.32  | 42  | 30068  | 8.175 | ng | 91     |
| 6) Aniline                     | 6.73  | 93  | 80885  | 7.592 | ng | 94     |
| 8) 2-Chlorophenol              | 6.96  | 128 | 49066  | 7.583 | ng | 97     |
| 9) Benzaldehyde                | 6.55  | 77  | 49638  | 9.584 | ng | 99     |
| 10) Phenol                     | 6.62  | 94  | 64534  | 7.460 | ng | 84     |
| 11) bis(2-Chloroethyl)ether    | 6.83  | 93  | 52070  | 7.473 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.27  | 146 | 52739  | 7.362 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.42  | 146 | 54380  | 7.453 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.73  | 146 | 53669  | 7.530 | ng | 93     |
| 15) Benzyl Alcohol             | 7.64  | 79  | 49774  | 7.216 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.92  | 45  | 105876 | 8.136 | ng | 97     |
| 17) 2-Methylphenol             | 7.85  | 107 | 43285  | 6.846 | ng | 99     |
| 18) Hexachloroethane           | 8.44  | 117 | 20353  | 7.365 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.20  | 70  | 53843  | 8.506 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.17  | 107 | 59186  | 6.868 | ng | 98     |
| 22) Acetophenone               | 8.20  | 105 | 93213  | 7.945 | ng | 93     |
| 24) Nitrobenzene               | 8.57  | 77  | 78656  | 8.086 | ng | 97     |
| 25) Isophorone                 | 9.10  | 82  | 138798 | 7.951 | ng | 99     |
| 26) 2-Nitrophenol              | 9.28  | 139 | 26422  | 6.864 | ng | # 84   |
| 27) 2,4-Dimethylphenol         | 9.36  | 122 | 38525  | 6.339 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.59  | 93  | 78918  | 7.968 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 9.82  | 162 | 46733  | 7.009 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.02 | 180 | 55007  | 7.523 | ng | 95     |
| 31) Naphthalene                | 10.19 | 128 | 176457 | 7.675 | ng | 99     |
| 32) Benzoic acid               | 9.46  | 122 | 13335m | 2.953 | ng |        |
| 33) 4-Chloroaniline            | 10.32 | 127 | 69466  | 6.927 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.49 | 225 | 34880  | 7.556 | ng | 99     |
| 35) Caprolactam                | 11.10 | 113 | 18267  | 7.798 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 11.46 | 107 | 62244  | 7.661 | ng | 98     |
| 37) 2-Methylnaphthalene        | 11.82 | 142 | 132918 | 8.113 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.05 | 142 | 129915 | 8.371 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.20 | 216 | 73374  | 7.874 | ng | 99     |

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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 LOD-MDL-SOIL-01-QT2-2020

Manual Integrations  
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Quant Time: Jun 20 05:27:50 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 20 04:14:27 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.18 | 237  | 36564    | 6.659  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.46 | 196  | 42546    | 6.746  | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 12.54 | 196  | 47326    | 6.465  | ng    | 98       |
| 46) 1,1'-Biphenyl              | 12.86 | 154  | 188695   | 8.222  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 12.90 | 162  | 135435   | 7.266  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.12 | 65   | 47250    | 6.396  | ng    | 94       |
| 49) Acenaphthylene             | 13.76 | 152  | 221952   | 7.444  | ng    | 99       |
| 50) Dimethylphthalate          | 13.52 | 163  | 184777   | 7.718  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.63 | 165  | 39381    | 7.496  | ng    | 94       |
| 52) Acenaphthene               | 14.10 | 154  | 134335   | 7.505  | ng    | 97       |
| 53) 3-Nitroaniline             | 13.97 | 138  | 33469    | 5.721  | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.19 | 184  | 12330    | 3.861  | ng    | # 88     |
| 55) Dibenzofuran               | 14.44 | 168  | 222734   | 7.723  | ng    | 98       |
| 56) 4-Nitrophenol              | 14.30 | 139  | 48412    | 10.435 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 14.43 | 165  | 52746    | 7.221  | ng    | # 86     |
| 58) Fluorene                   | 15.10 | 166  | 180150   | 7.691  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.69 | 232  | 47127    | 7.526  | ng    | 98       |
| 60) Diethylphthalate           | 14.90 | 149  | 189875   | 7.786  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.10 | 204  | 93505    | 7.526  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.14 | 138  | 35592    | 5.705  | ng    | 96       |
| 63) Azobenzene                 | 15.40 | 77   | 207488   | 7.776  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.21 | 198  | 25399    | 5.632  | ng    | 92       |
| 66) n-Nitrosodiphenylamine     | 15.33 | 169  | 159441   | 7.422  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.00 | 248  | 57270    | 7.015  | ng    | 98       |
| 68) Hexachlorobenzene          | 16.11 | 284  | 64400    | 7.560  | ng    | 98       |
| 69) Atrazine                   | 16.29 | 200  | 62580    | 9.750  | ng    | 98       |
| 70) Pentachlorophenol          | 16.47 | 266  | 28899    | 5.633  | ng    | 92       |
| 71) Phenanthrene               | 16.84 | 178  | 296673   | 7.682  | ng    | 100      |
| 72) Anthracene                 | 16.93 | 178  | 288931   | 7.496  | ng    | 99       |
| 73) Carbazole                  | 17.21 | 167  | 255071   | 6.979  | ng    | 99       |
| 74) Di-n-butylphthalate        | 17.79 | 149  | 310090   | 7.194  | ng    | 98       |
| 75) Fluoranthene               | 18.87 | 202  | 347315   | 7.844  | ng    | 98       |
| 77) Benzidine                  | 19.07 | 184  | 112502   | 7.191  | ng    | 99       |
| 78) Pyrene                     | 19.23 | 202  | 364574   | 7.326  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.17 | 149  | 139412   | 6.928  | ng    | 100      |
| 81) Benzo(a)anthracene         | 20.99 | 228  | 363610   | 8.043  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 20.94 | 252  | 130417   | 9.324  | ng    | 98       |
| 83) Chrysene                   | 21.04 | 228  | 352100   | 8.173  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 20.96 | 149  | 217181   | 7.569  | ng    | 100      |
| 85) Di-n-octyl phthalate       | 21.80 | 149  | 346934   | 7.838  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene     | 25.13 | 276  | 307252   | 7.296  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.49 | 252  | 329235   | 7.518  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.53 | 252  | 339877   | 7.988  | ng    | 98       |
| 90) Benzo(a)pyrene             | 23.01 | 252  | 284923   | 7.325  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.14 | 278  | 259758   | 7.388  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 25.75 | 276  | 251192   | 7.508  | ng    | 99       |

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

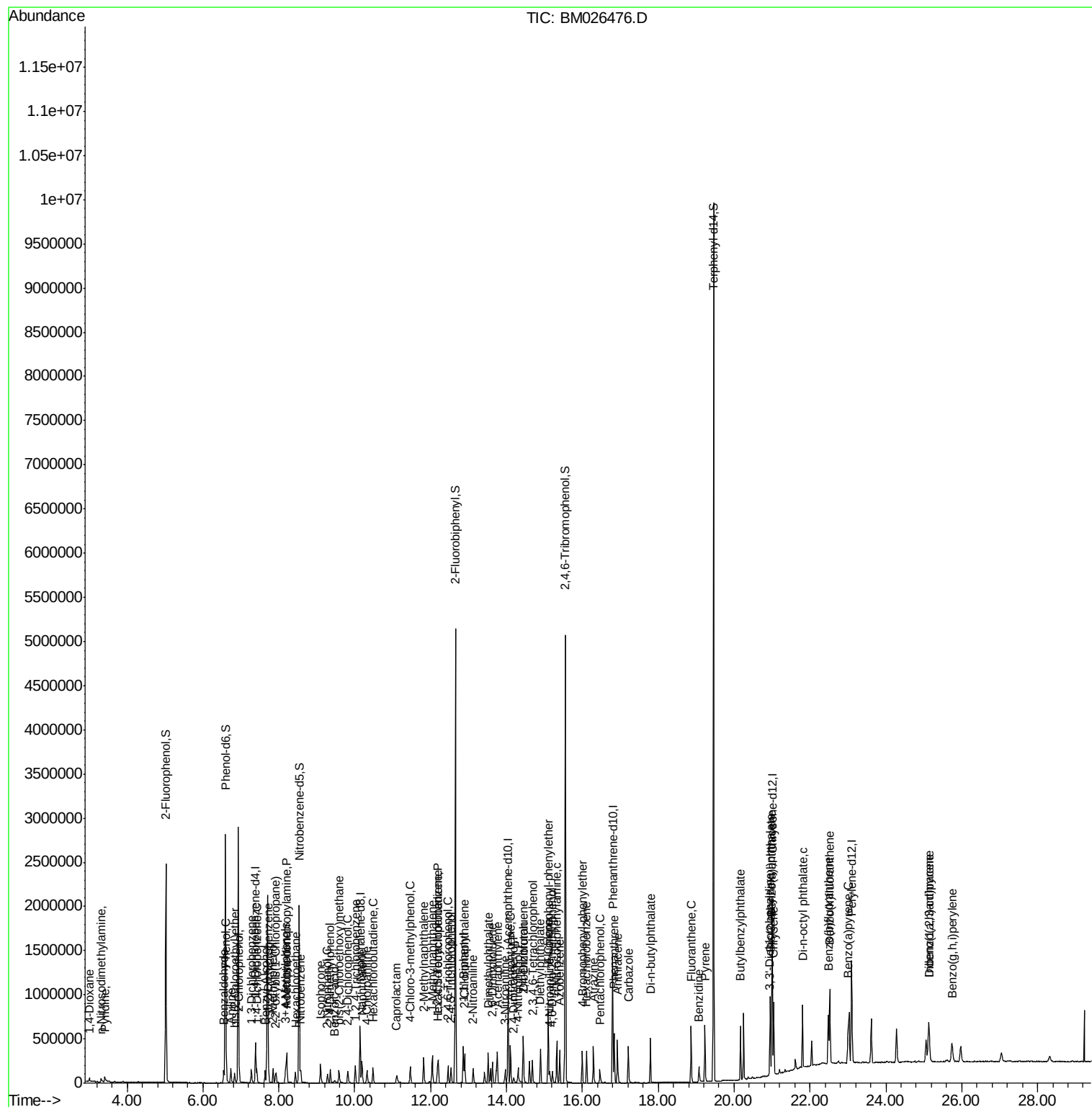
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\  
Data File : BM026476.D  
Acq On : 19 Jun 2020 21:30  
Operator : JU/CG  
Sample : L2182-01  
Misc : LOD-MDL-S-8PPM  
ALS Vial : 14 Sample Multiplier: 1

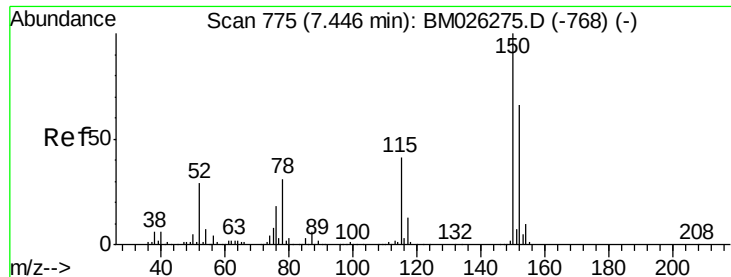
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations  
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#1

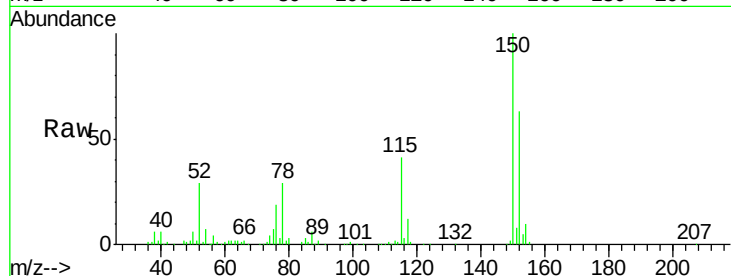
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.39 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.7 | 127.8 | 191.6 |
| 115     | 64.7  | 51.5  | 77.3  |

Manual Integrations  
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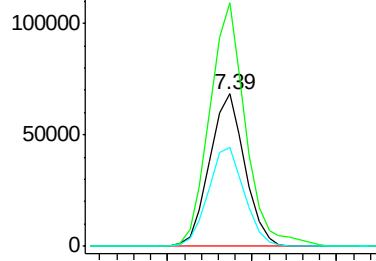


Abundance

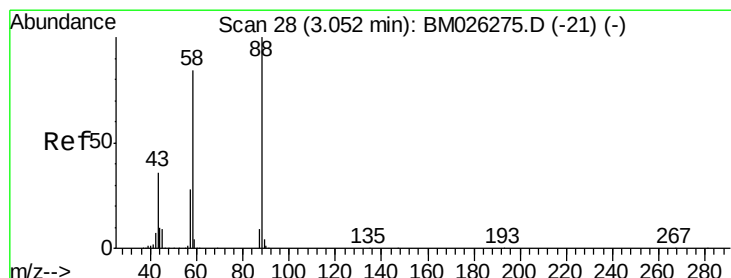
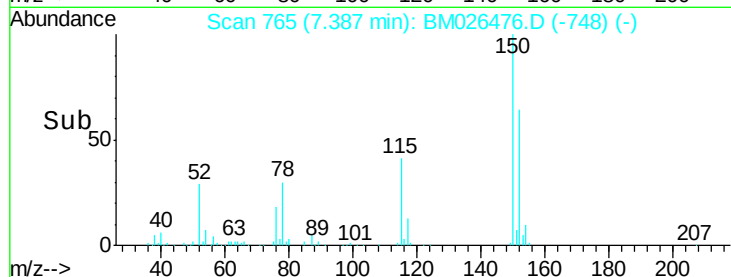
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



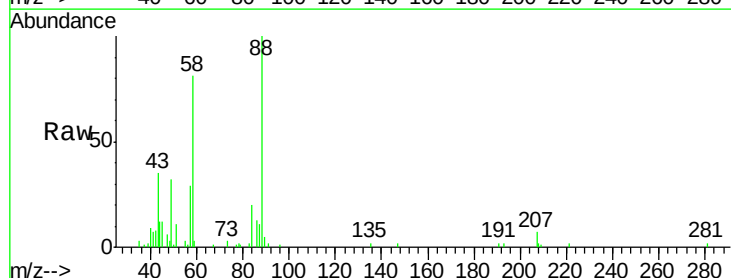
Time-->



#2

1,4-Dioxane  
Concen: 7.799 ng  
RT: 3.00 min Scan# 20  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 87.8  | 67.7  | 101.5 |
| 43      | 36.3  | 28.0  | 42.0  |

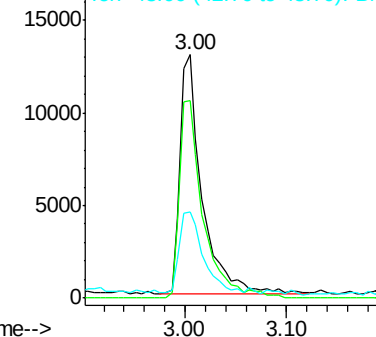


Abundance

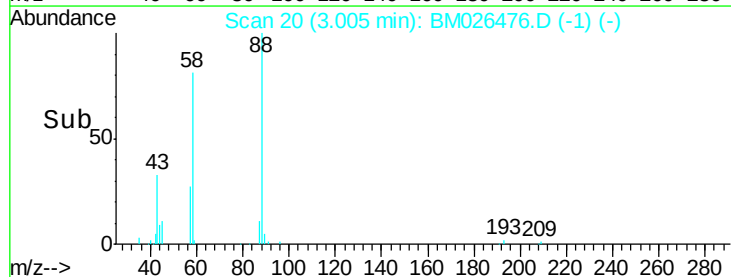
Ion 88.00 (87.70 to 88.70): BM0

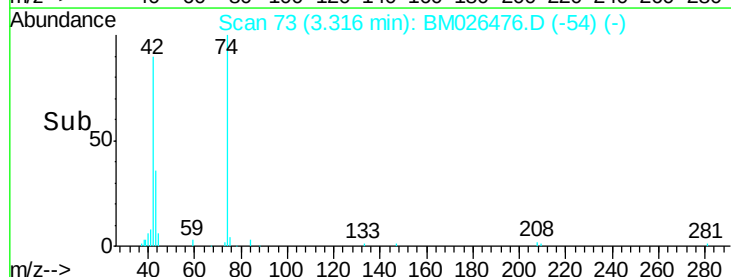
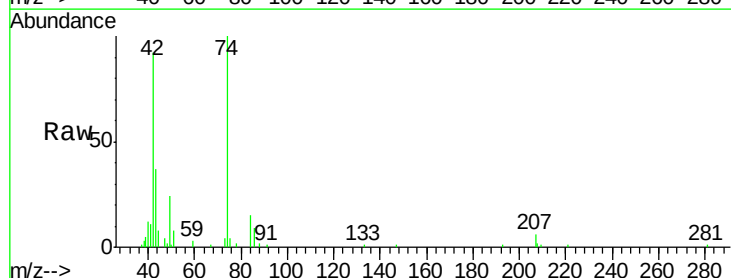
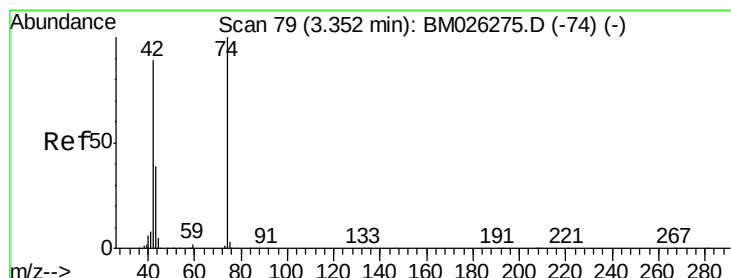
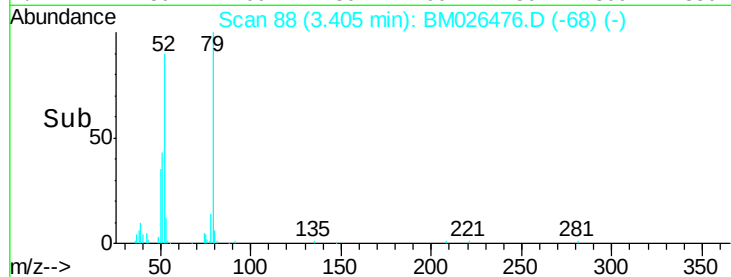
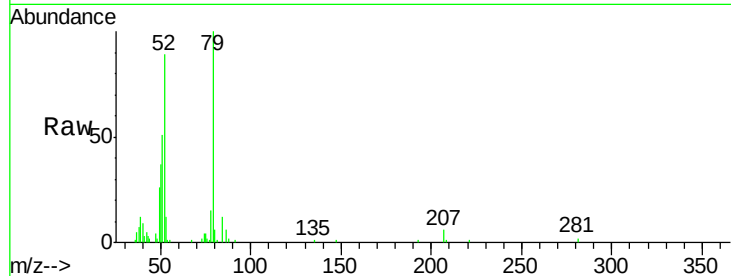
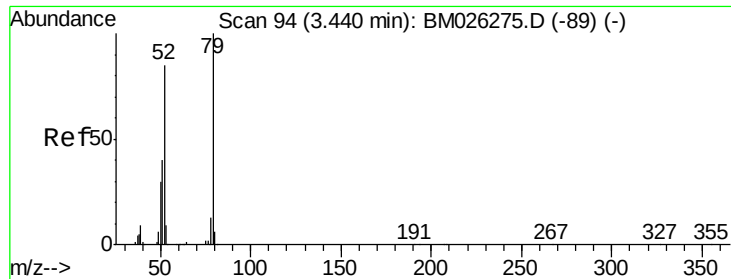
Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



Time-->





#3

Pvridine

Concen: 5.959 ng

RT: 3.40 min Scan# 88

Delta R.T. 0.02 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 44266 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 89.5  | 67.4  | 101.2 |
| 51        | 50.9  | 33.0  | 49.6  |

Instrument :

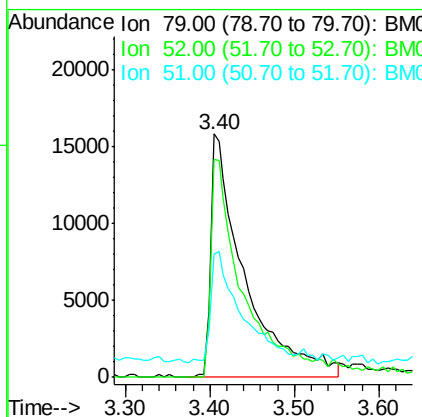
BNA\_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 8.175 ng

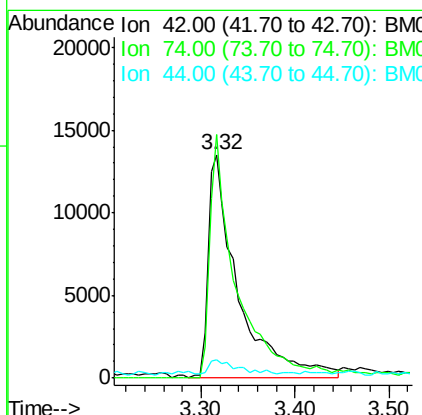
RT: 3.32 min Scan# 73

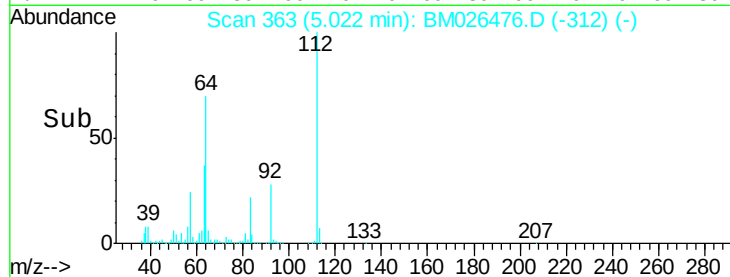
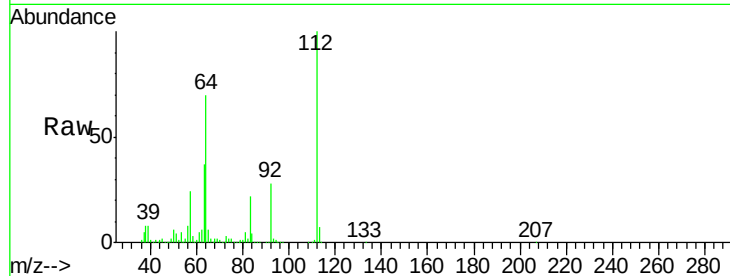
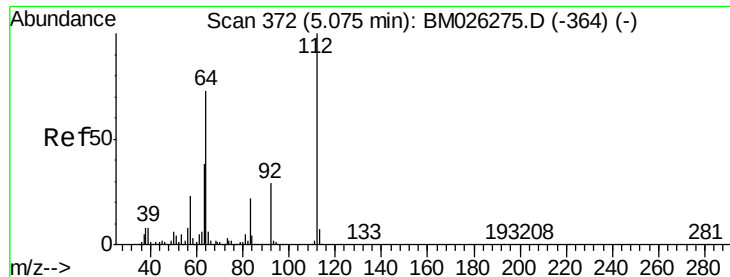
Delta R.T. 0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 30068 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 108.9 | 95.4  | 143.2 |
| 44        | 8.3   | 5.9   | 8.9   |





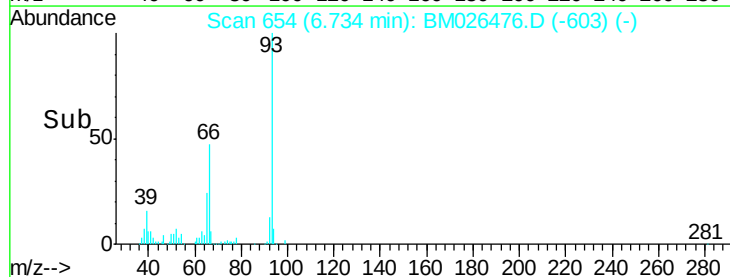
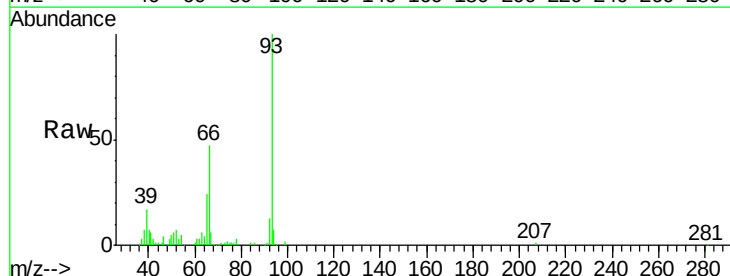
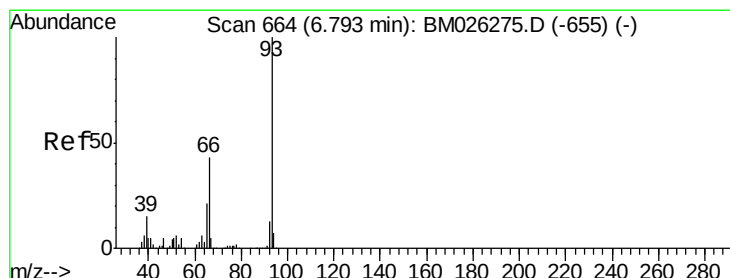
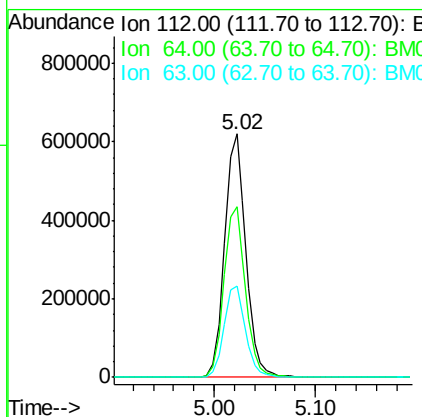
#5  
2-Fluorophenol  
Concen: 160.064 ng  
RT: 5.02 min Scan# 363  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 897878 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 70.0  | 56.0  | 84.0   |
| 63        | 37.5  | 29.0  | 43.6   |

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BNA\_M  
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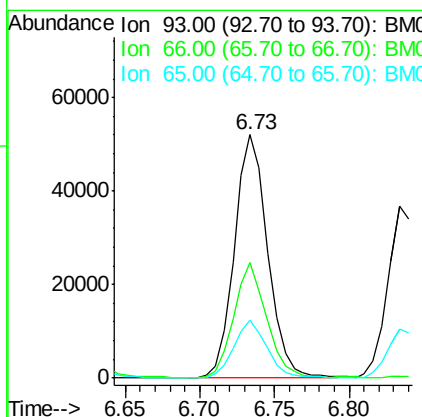
Manual Integrations  
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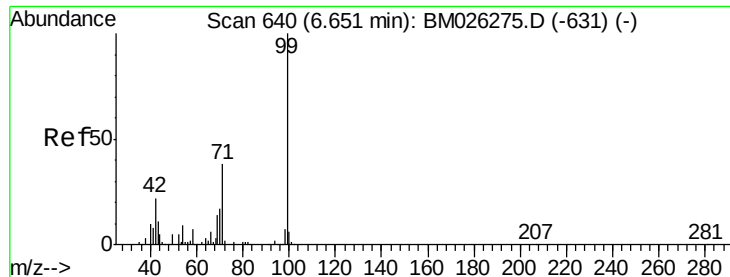
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#6  
Aniline  
Concen: 7.592 ng  
RT: 6.73 min Scan# 654  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 80885 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 47.2  | 34.1  | 51.1  |
| 65        | 23.6  | 17.5  | 26.3  |





#7

Phenol-d6

Concen: 169.584 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion: 99 Resp: 1377505

Ion Ratio Lower Upper

99 100

42 24.5 17.8 26.6

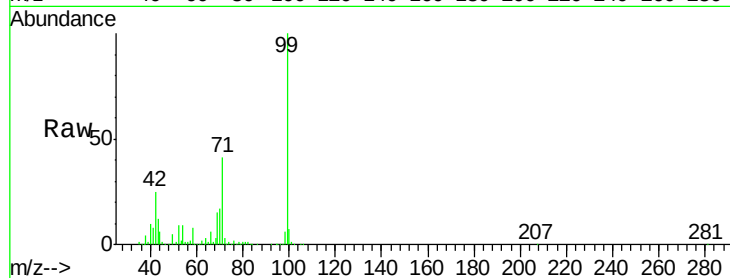
71 40.9 31.0 46.4

Manual Integrations

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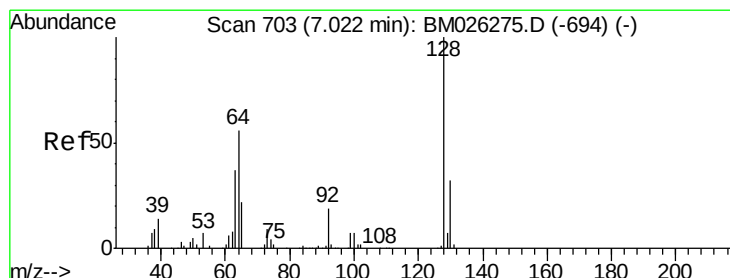
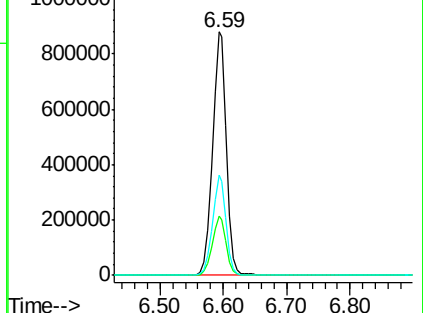
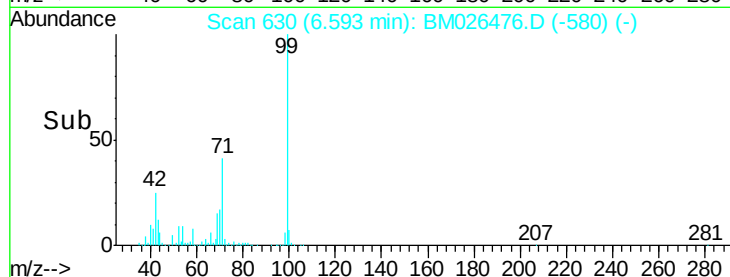
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Abundance Ion 99.00 (98.70 to 99.70): BM026476.D (-580) (-)

Ion 42.00 (41.70 to 42.70): BM026476.D (-580) (-)

Ion 71.00 (70.70 to 71.70): BM026476.D (-580) (-)



#8

2-Chlorophenol

Concen: 7.583 ng

RT: 6.96 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

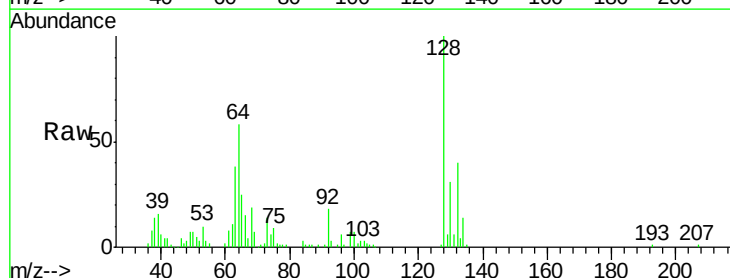
Tgt Ion: 128 Resp: 49066

Ion Ratio Lower Upper

128 100

130 30.5 12.3 52.3

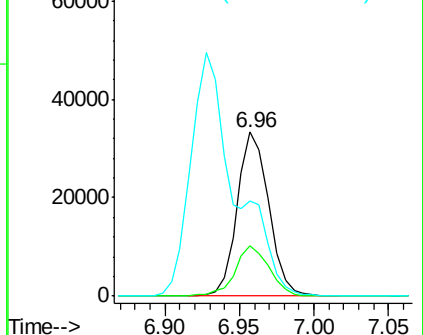
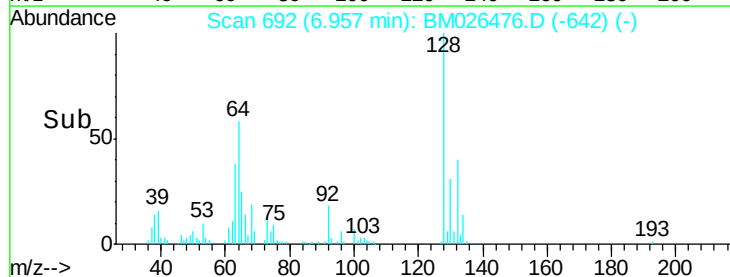
64 58.4 36.4 76.4



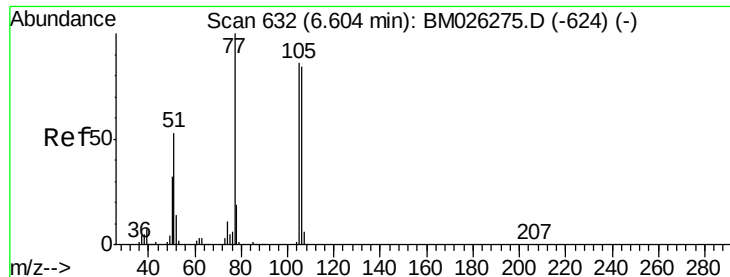
Abundance Ion 128.00 (127.70 to 128.70): BM026476.D (-642) (-)

Ion 130.00 (129.70 to 130.70): BM026476.D (-642) (-)

Ion 64.00 (63.70 to 64.70): BM026476.D (-642) (-)







#9

Benzaldehyde

Concen: 9.584 ng

RT: 6.55 min Scan# 622

Delta R.T. 0.00 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

Instrument :

BNA\_M

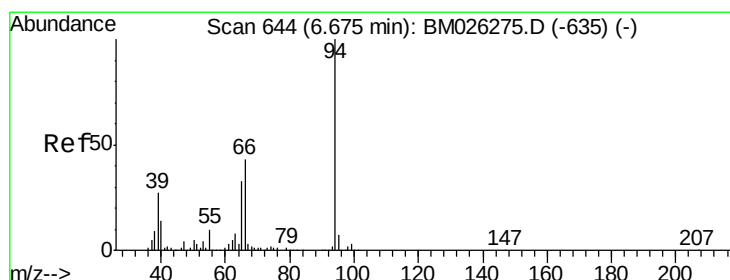
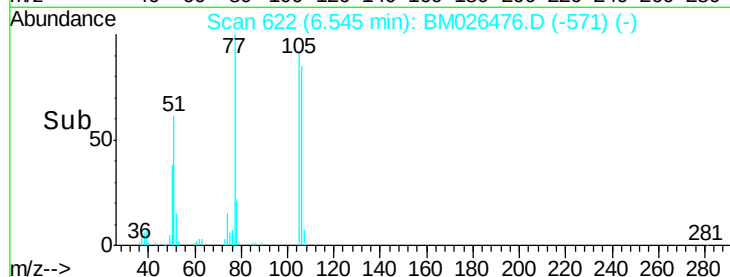
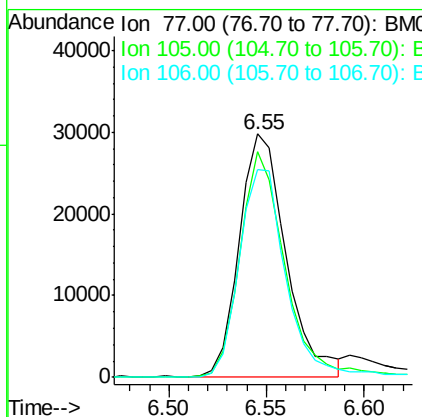
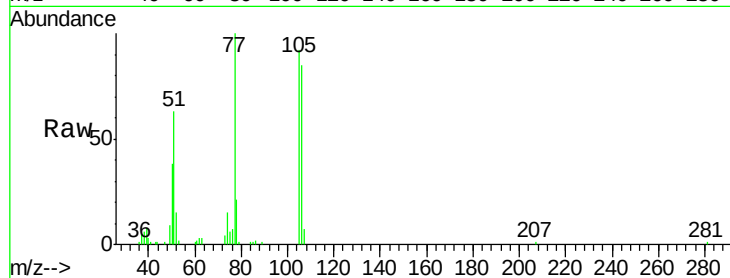
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 49638 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 92.5  | 71.5  | 111.5 |
| 106      | 85.4  | 64.7  | 104.7 |

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#10

Phenol

Concen: 7.460 ng

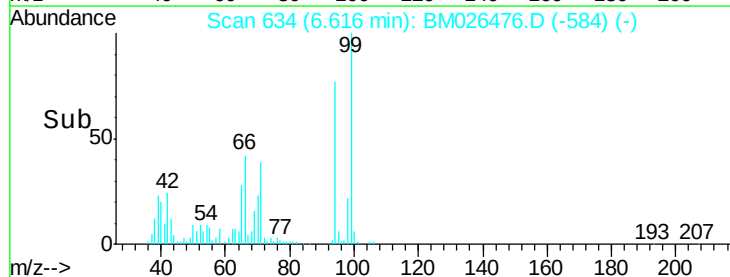
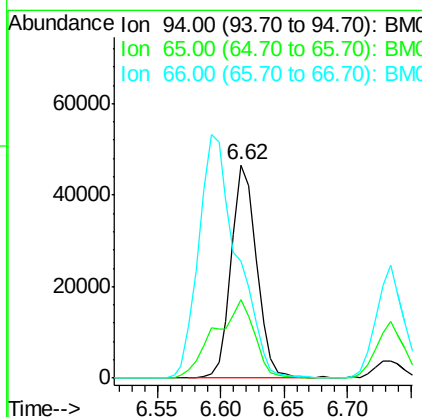
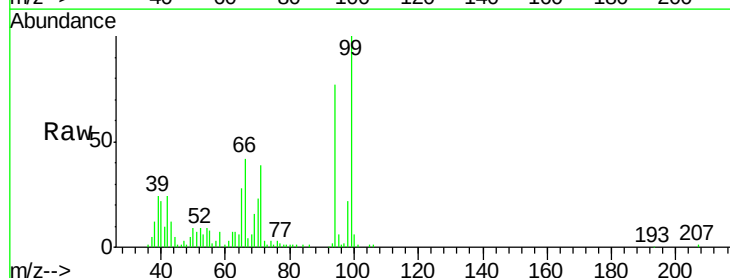
RT: 6.62 min Scan# 634

Delta R.T. -0.01 min

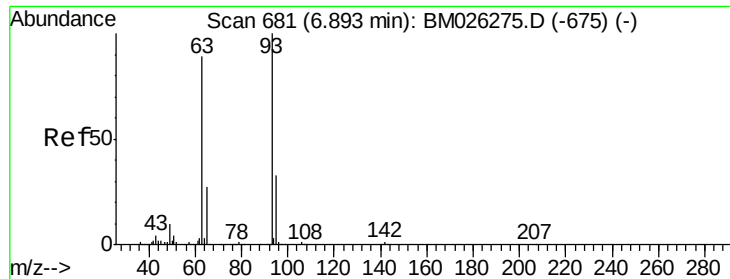
Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 64534 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 36.7  | 11.4  | 51.4  |
| 66       | 54.8  | 21.7  | 61.7  |







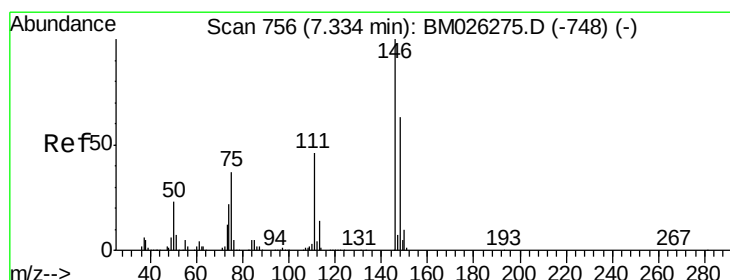
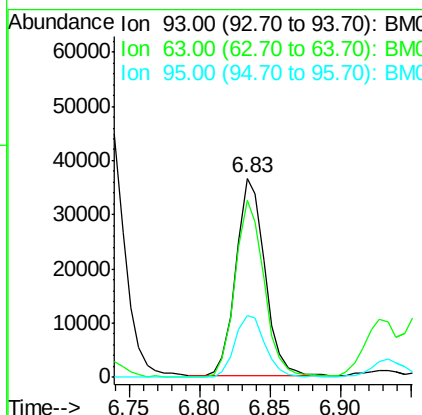
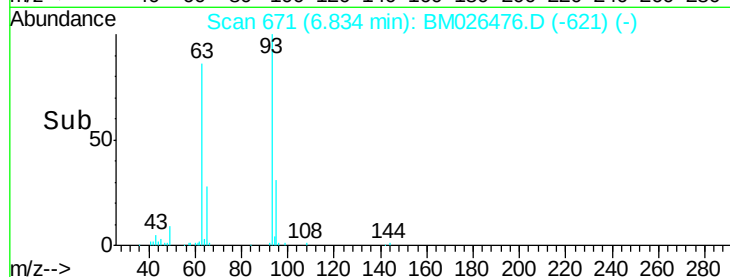
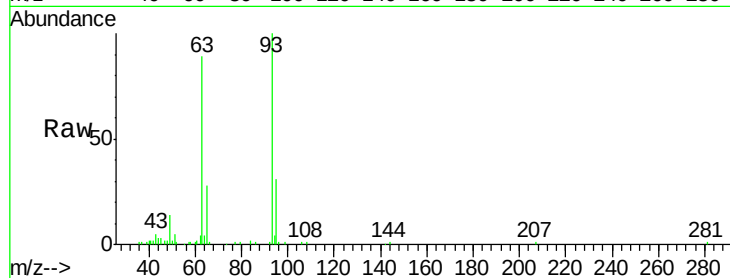
#11  
bis(2-Chloroethyl)ether  
Concen: 7.473 ng  
RT: 6.83 min Scan# 671  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 88.8  | 66.7  | 106.7 |
| 95      | 30.8  | 14.5  | 54.5  |

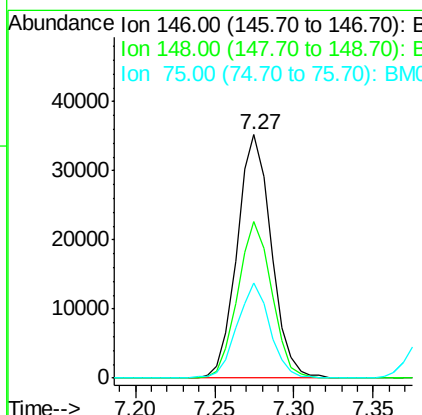
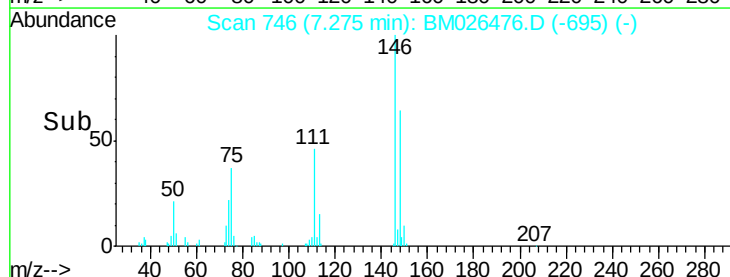
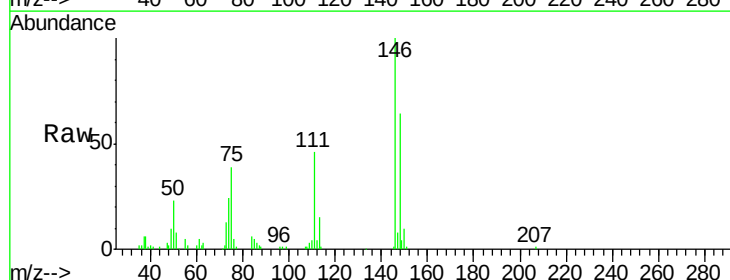
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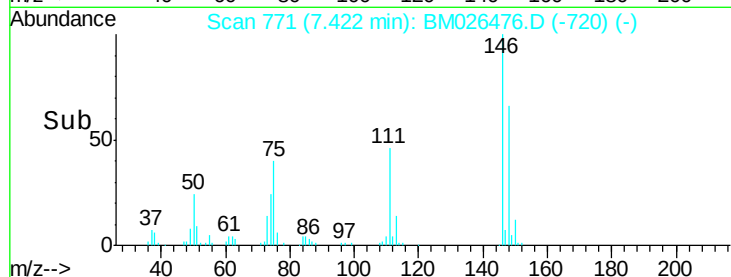
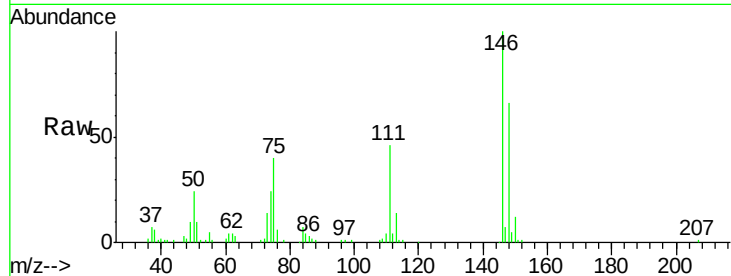
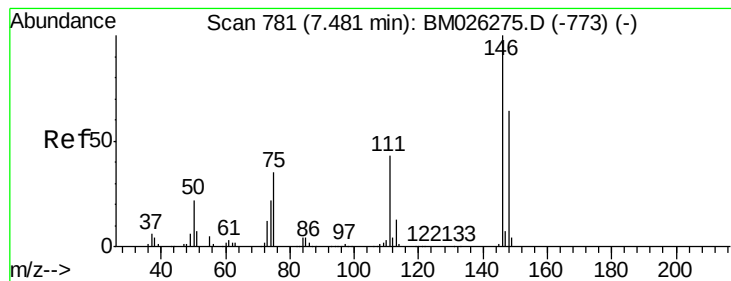
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#12  
1,3-Dichlorobenzene  
Concen: 7.362 ng  
RT: 7.27 min Scan# 746  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 50.3  | 75.5  |
| 75      | 39.0  | 29.0  | 43.6  |





#13

1,4-Dichlorobenzene

Concen: 7.453 ng

RT: 7.42 min Scan# 771

Delta R.T. 0.00 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 54380 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 66.4  | 52.2  | 78.2  |
| 111       | 45.8  | 34.9  | 52.3  |

Instrument :

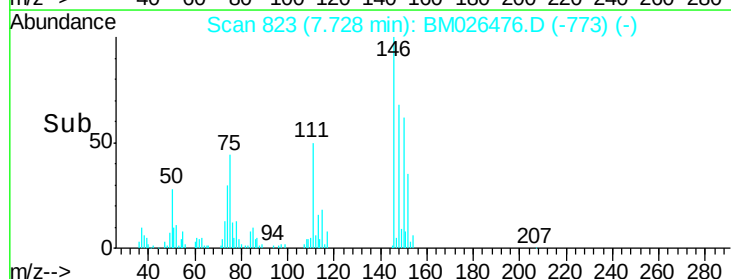
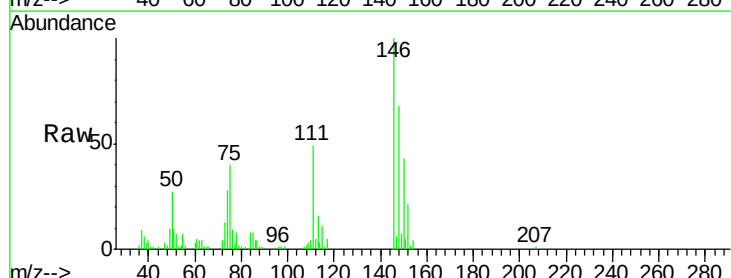
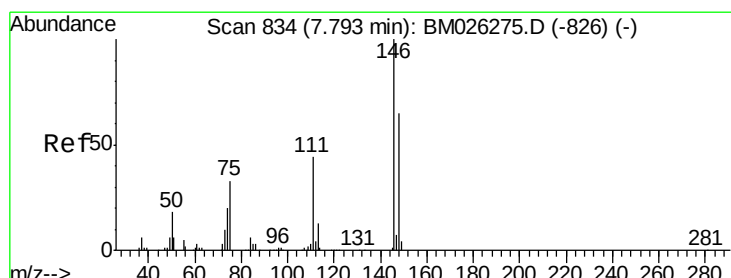
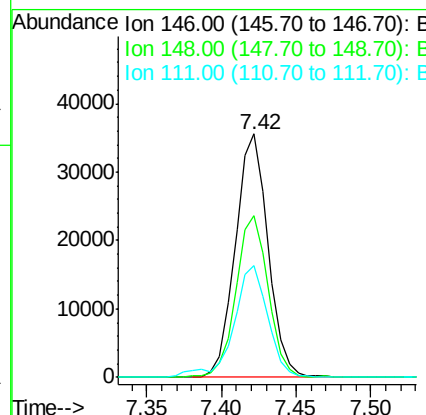
BNA\_M

ClientSampleId :

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#14

1,2-Dichlorobenzene

Concen: 7.530 ng

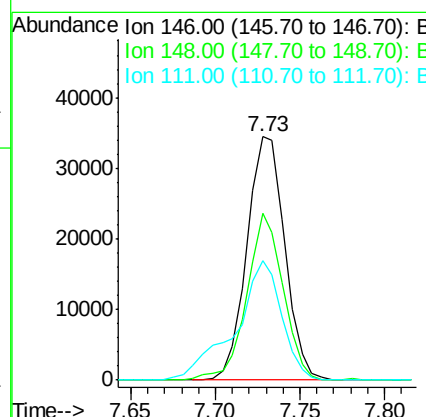
RT: 7.73 min Scan# 823

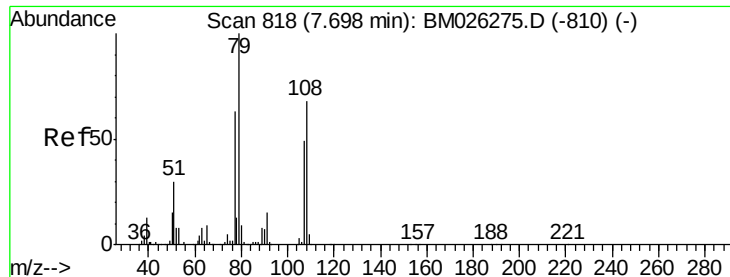
Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 53669 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 68.3  | 50.8  | 76.2  |
| 111       | 48.9  | 35.4  | 53.0  |





#15

Benzyl Alcohol

Concen: 7.216 ng

RT: 7.64 min Scan# 808

Delta R.T. 0.00 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

Instrument :

BNA\_M

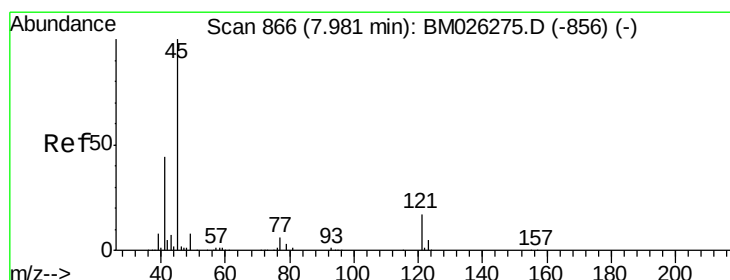
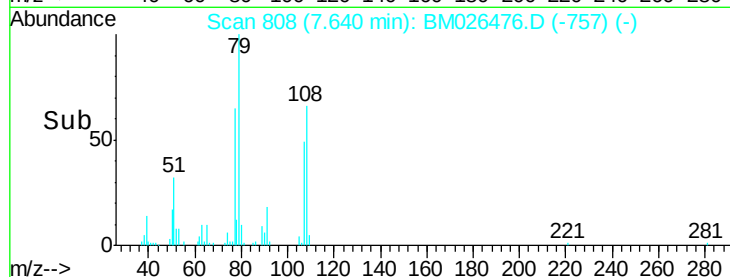
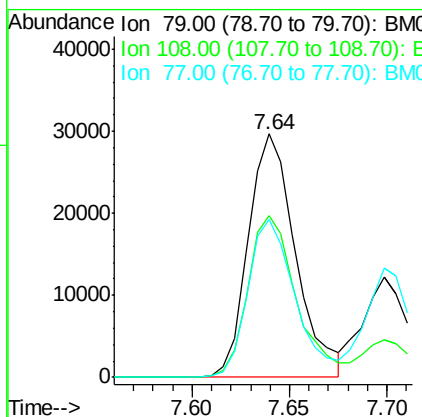
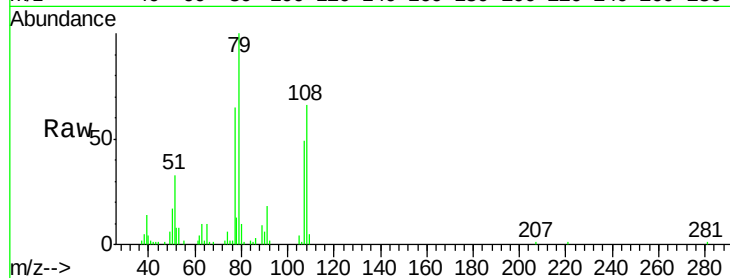
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 49774 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 66.3  | 54.6  | 82.0  |
| 77       | 65.0  | 51.0  | 76.4  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 8.136 ng

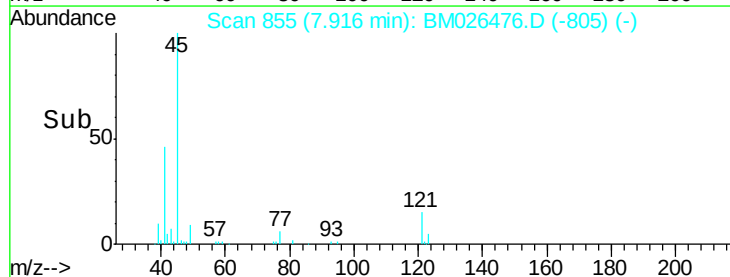
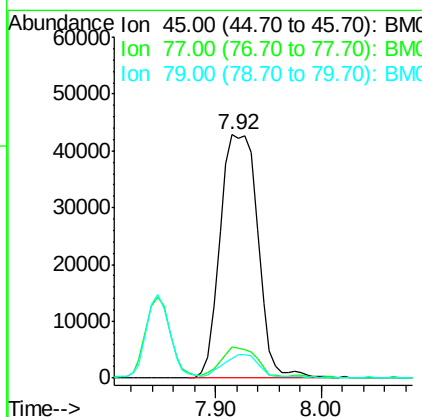
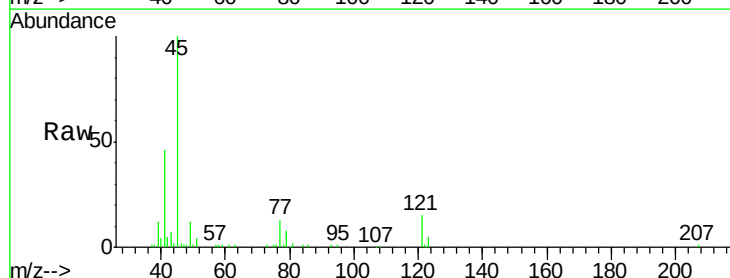
RT: 7.92 min Scan# 855

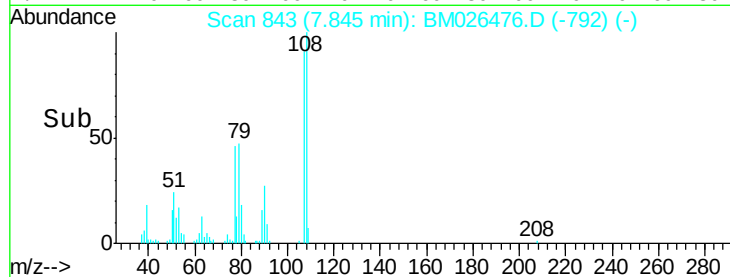
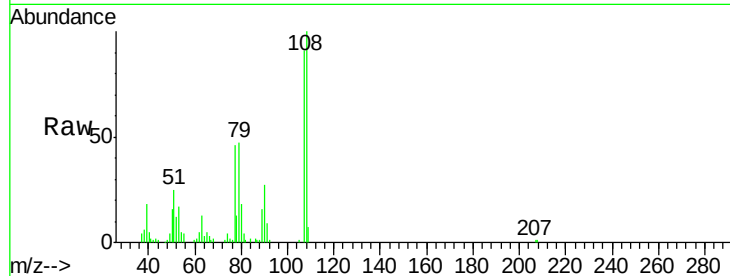
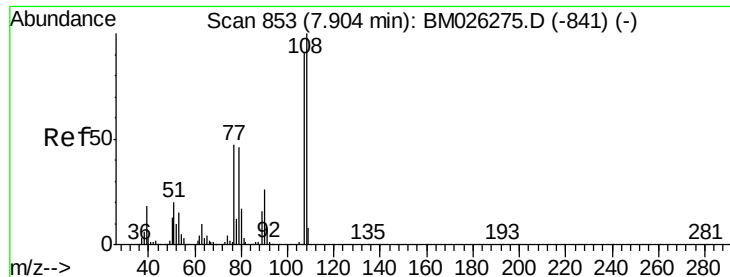
Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 105876 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 13.1  | 0.0   | 31.8   |
| 79       | 8.1   | 0.0   | 28.9   |





#17

2-Methylphenol

Concen: 6.846 ng

RT: 7.85 min Scan# 843

Delta R.T. 0.00 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 43285 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 109.8 | 88.5  | 132.7 |
| 77       | 50.6  | 40.6  | 60.8  |
| 79       | 52.0  | 39.6  | 59.4  |

Instrument :

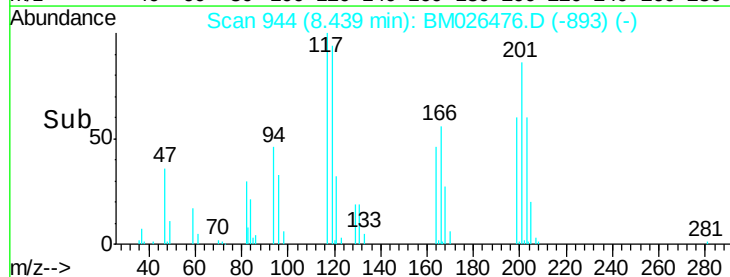
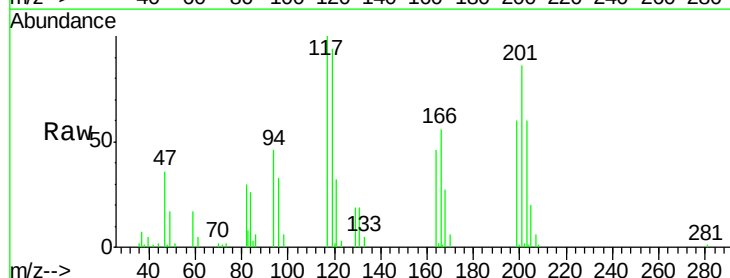
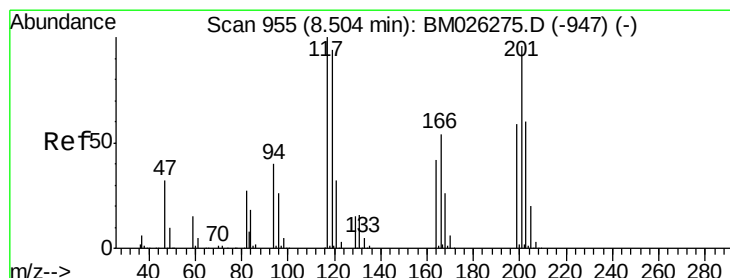
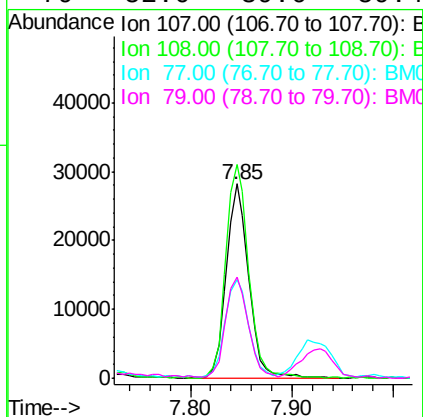
BNA\_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

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#18

Hexachloroethane

Concen: 7.365 ng

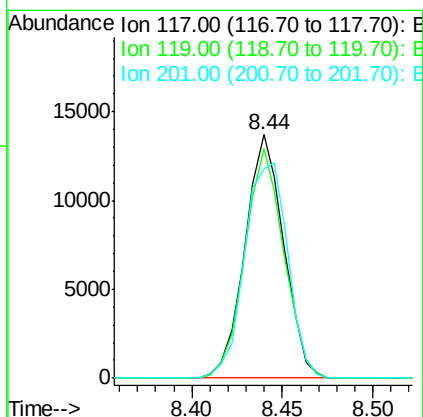
RT: 8.44 min Scan# 944

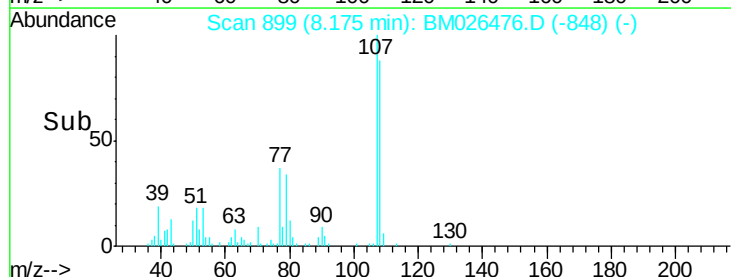
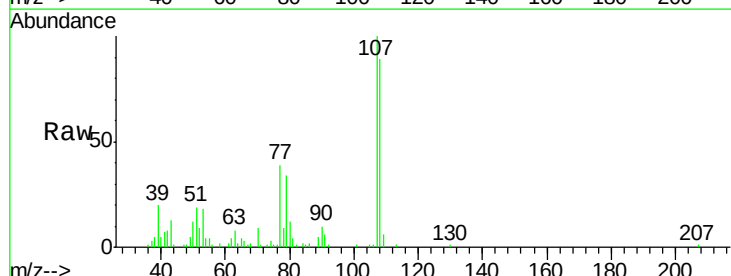
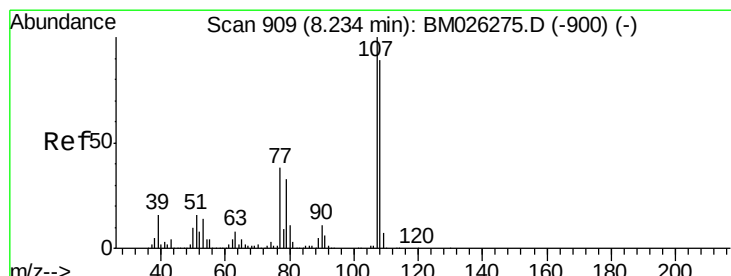
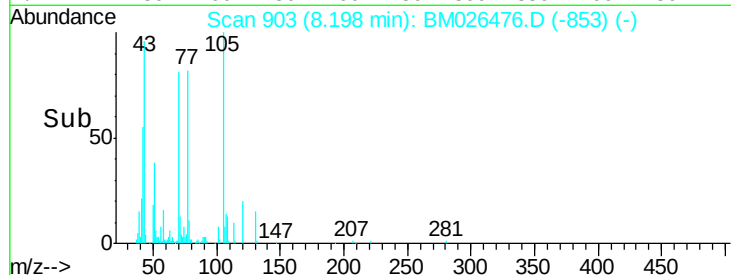
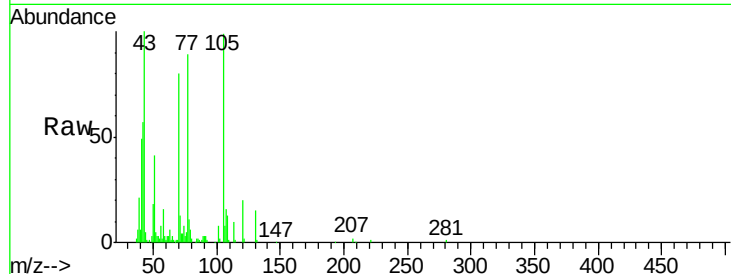
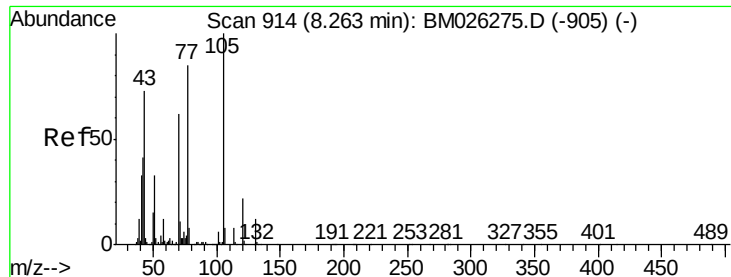
Delta R.T. 0.00 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

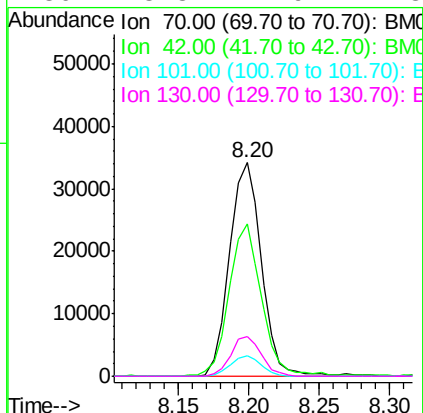
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 20353 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.1  | 77.8  | 116.6 |
| 201      | 85.9  | 79.9  | 119.9 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 8.506 ng  
RT: 8.20 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tot Ion   | 70    | Resp  | 53843 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 71.3  | 52.2  | 78.4  |
| 101       | 9.7   | 7.0   | 10.6  |
| 130       | 18.8  | 14.9  | 22.3  |



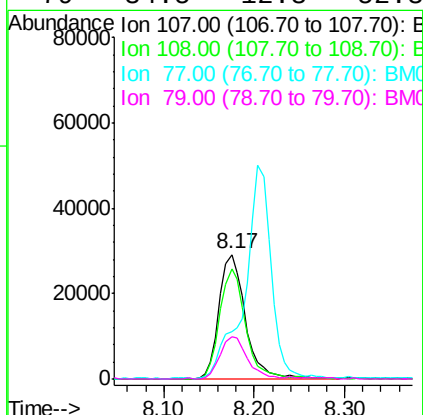
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

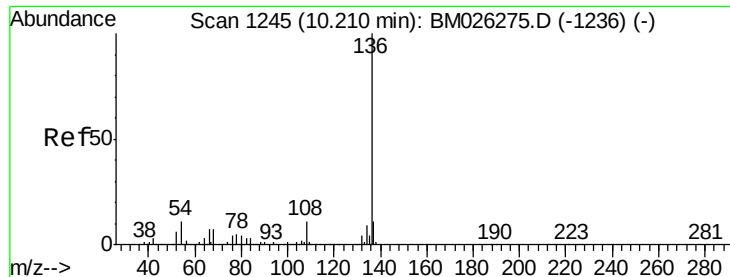
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#20  
3+4-Methylphenols  
Concen: 6.868 ng  
RT: 8.17 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion   | 107   | Resp  | 59186 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 88.8  | 70.4  | 110.4 |
| 77        | 38.5  | 17.3  | 57.3  |
| 79        | 34.5  | 12.3  | 52.3  |





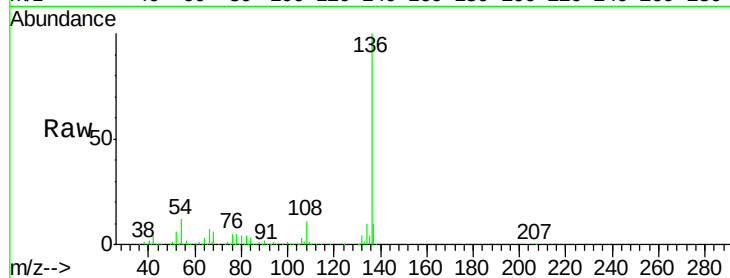
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.15 min Scan# 1234  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

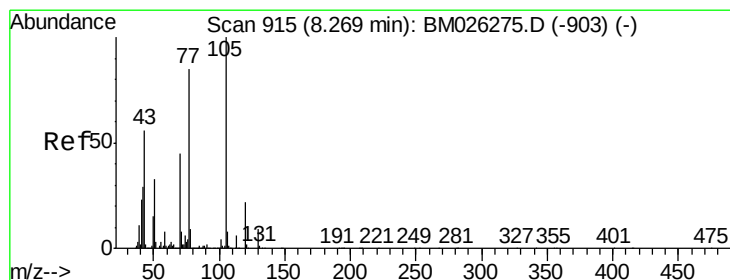
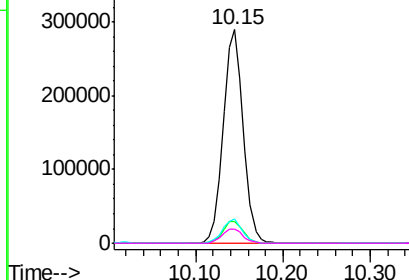
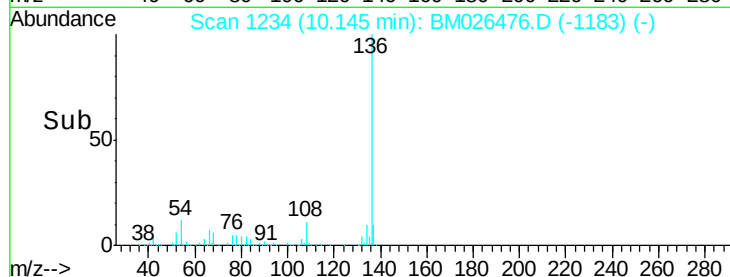
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 456237 |       |       |
| 137     | 10.3  | 8.5    | 12.7  |       |
| 54      | 11.5  | 9.0    | 13.6  |       |
| 68      | 6.3   | 5.6    | 8.4   |       |

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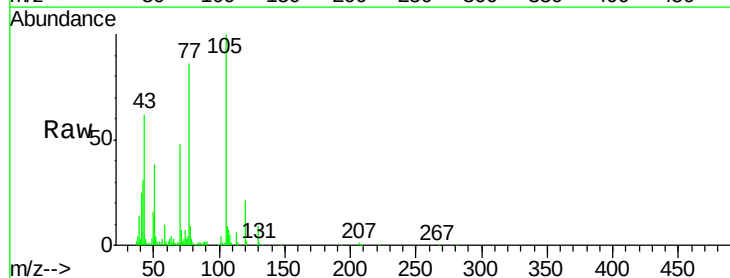


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM0  
Ion 68.00 (67.70 to 68.70): BM0

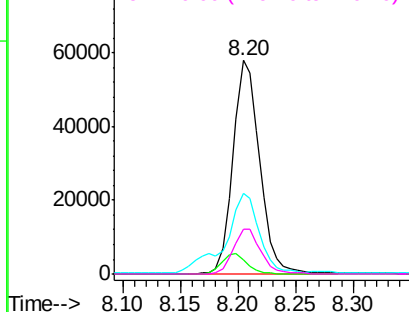
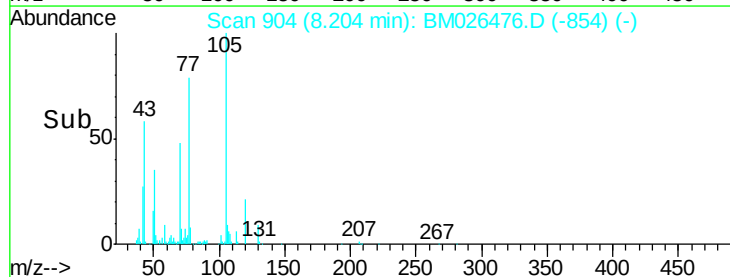


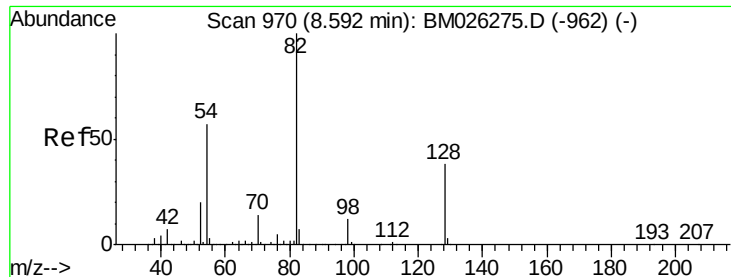
#22  
Acetophenone  
Concen: 7.945 ng  
RT: 8.20 min Scan# 904  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 93213 |       |       |
| 71      | 6.7   | 4.5   | 6.7   |       |
| 51      | 37.8  | 25.2  | 37.8  |       |
| 120     | 21.1  | 17.0  | 25.6  |       |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0  
Ion 120.00 (119.70 to 120.70): E





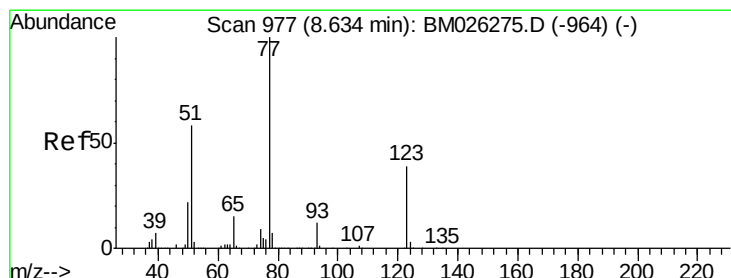
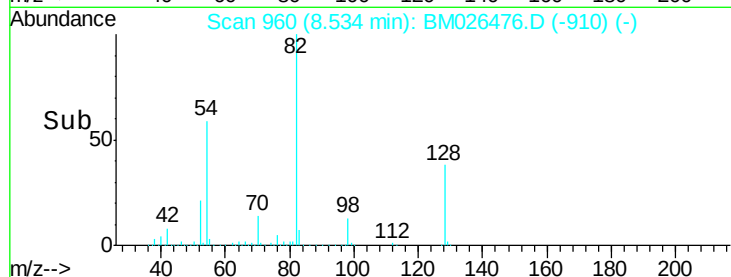
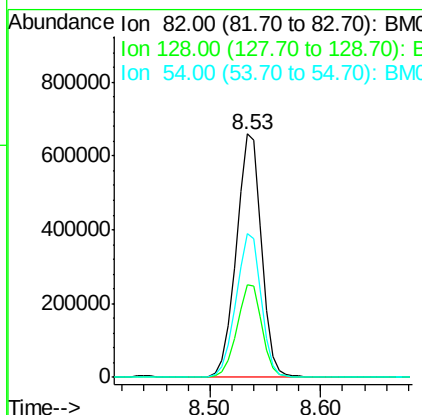
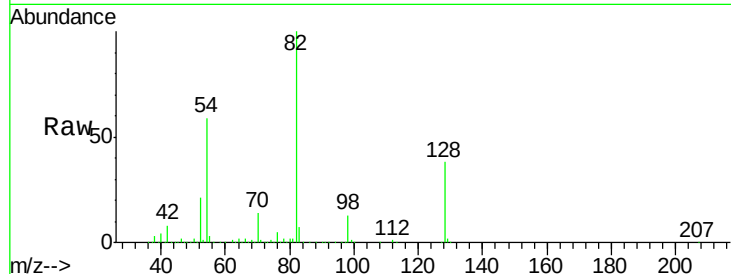
#23  
Nitrobenzene-d5  
Concen: 113.828 ng  
RT: 8.53 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 38.2  | 31.0  | 46.6  |
| 54      | 59.3  | 45.4  | 68.2  |

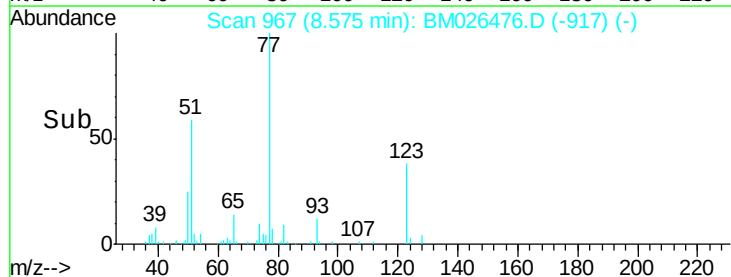
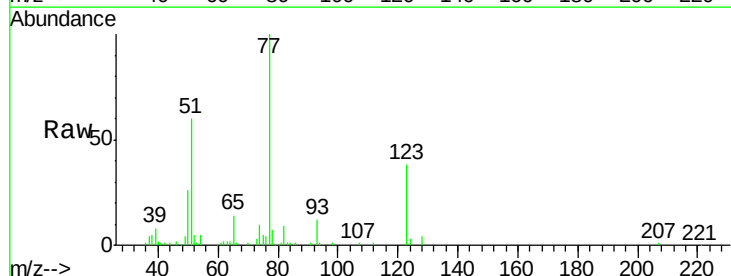
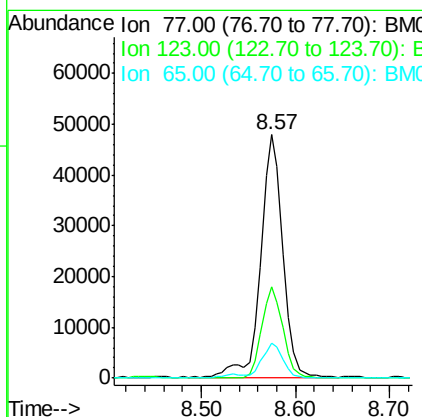
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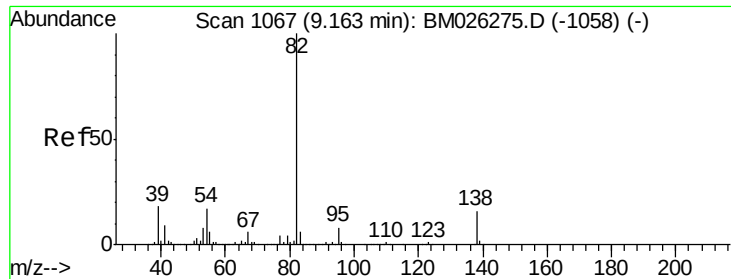


#24  
Nitrobenzene  
Concen: 8.086 ng  
RT: 8.57 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 37.7  | 32.0  | 48.0  |
| 65      | 14.3  | 11.8  | 17.8  |







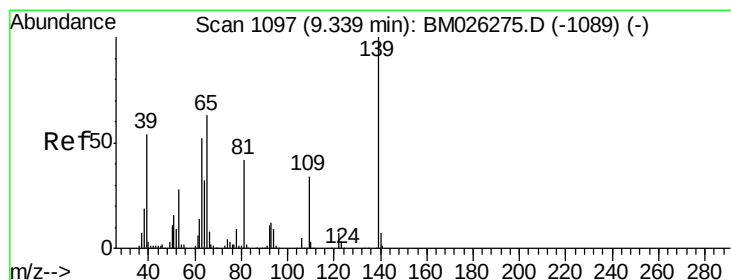
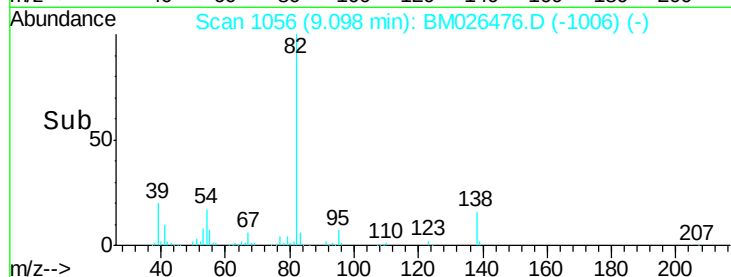
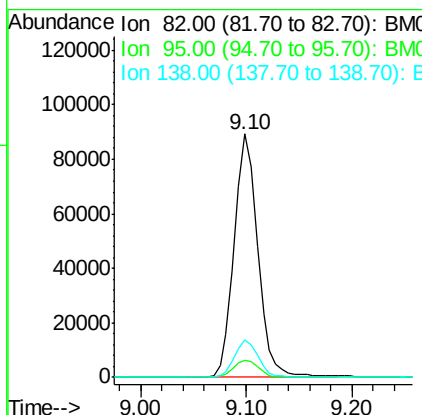
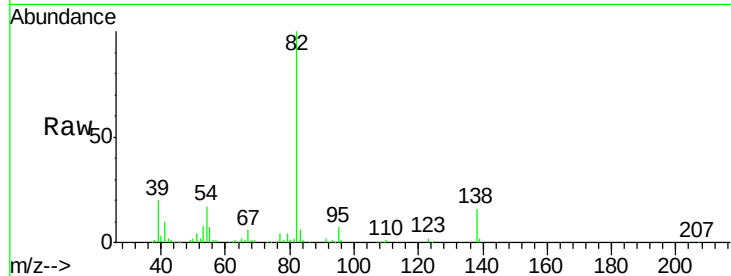
#25  
Isophorone  
Concen: 7.951 ng  
RT: 9.10 min Scan# 1056  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 138798 |       |       |
| 95      | 7.2   | 6.0    | 9.0   |       |
| 138     | 15.6  | 12.7   | 19.1  |       |

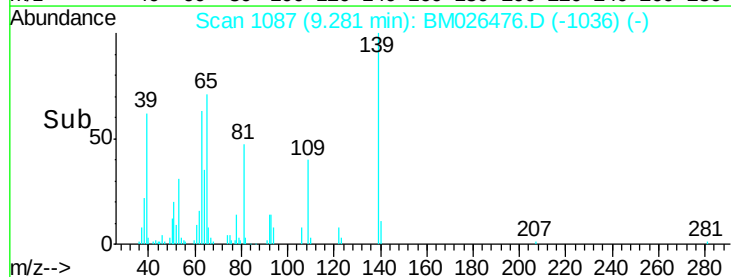
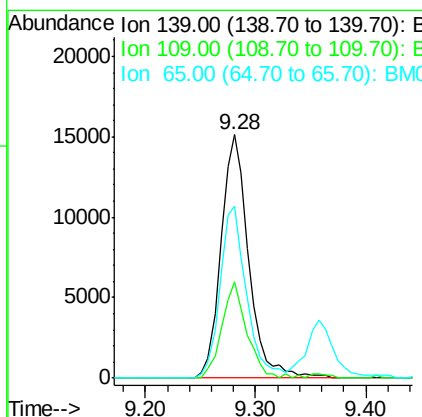
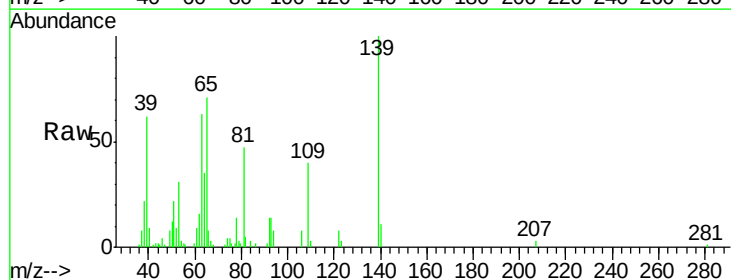
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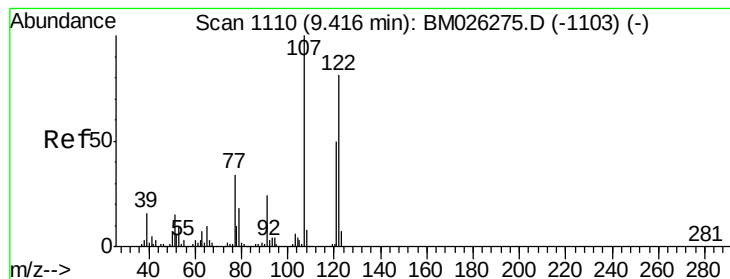
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#26  
2-Nitrophenol  
Concen: 6.864 ng  
RT: 9.28 min Scan# 1087  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 26422 |       |       |
| 109     | 39.7  | 25.2  | 37.8# |       |
| 65      | 70.8  | 47.1  | 70.7# |       |





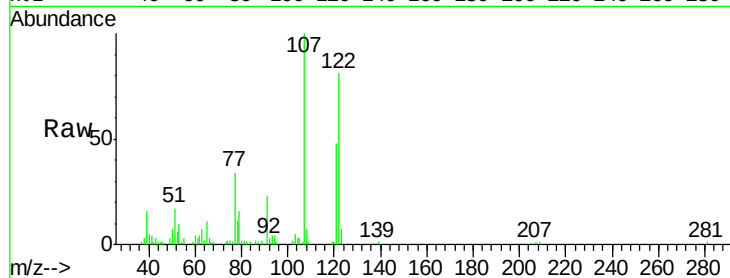
#27  
2,4-Dimethylphenol  
Concen: 6.339 ng  
RT: 9.36 min Scan# 1101  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   |      |       |       |
| 107     | 122.8 | 96.1 | 144.1 |       |
| 121     | 59.4  | 46.0 | 69.0  |       |

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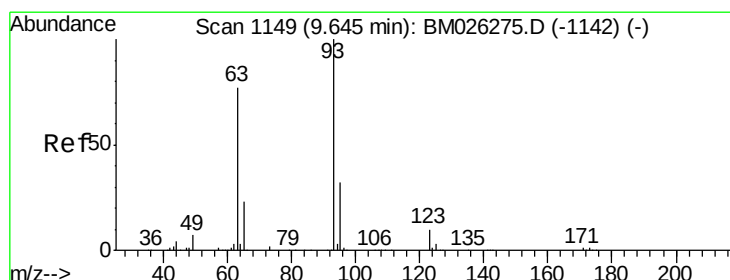
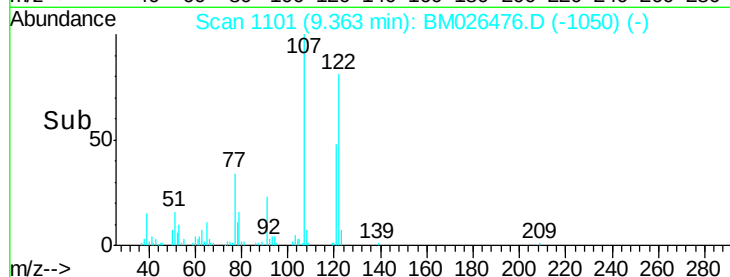
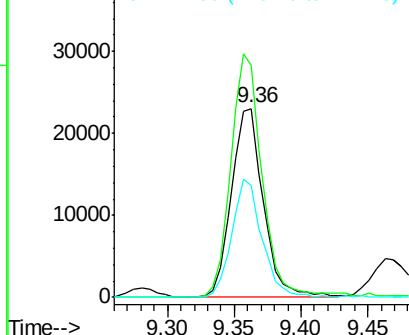


Abundance

Ion 122.00 (121.70 to 122.70): E

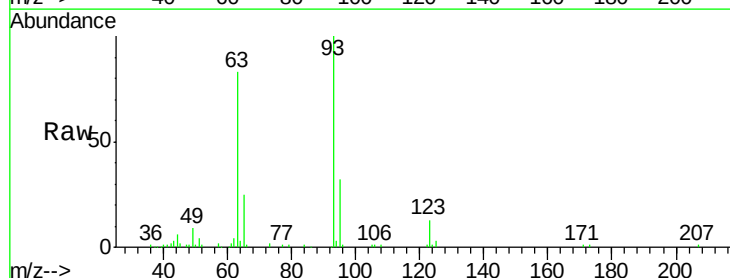
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 7.968 ng  
RT: 9.59 min Scan# 1139  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 95      | 31.7  | 25.9 | 38.9  |       |
| 123     | 12.7  | 8.9  | 13.3  |       |

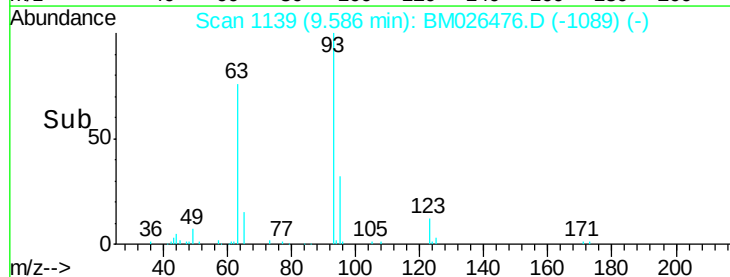
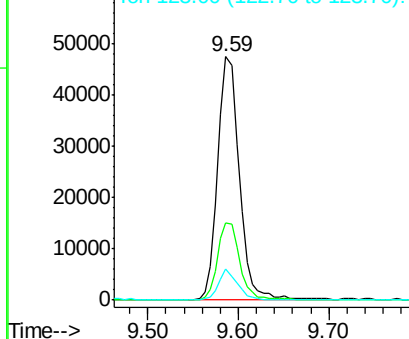


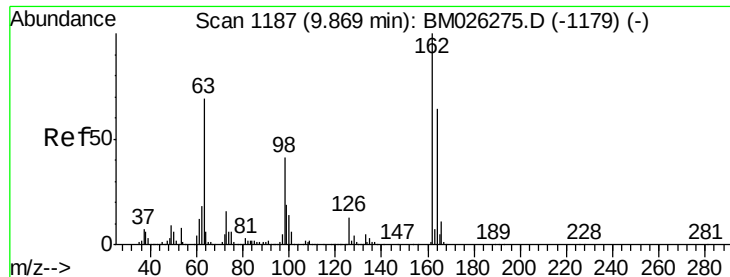
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





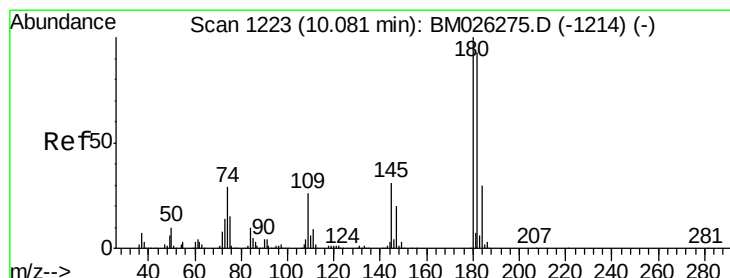
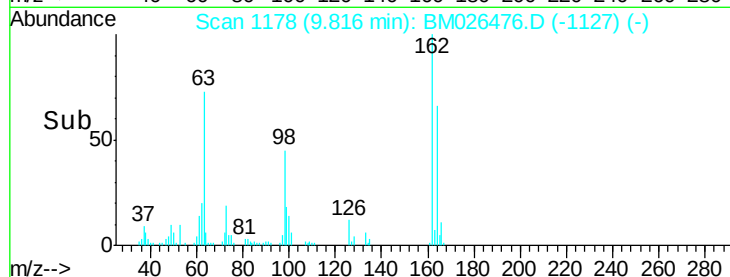
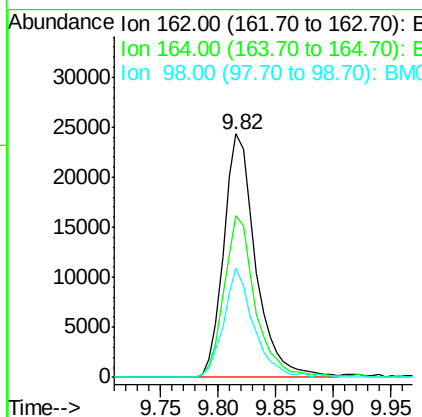
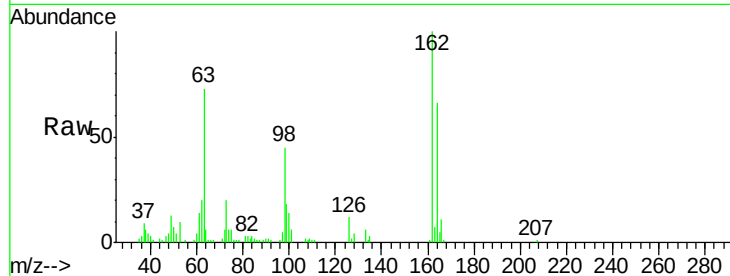
#29  
 2,4-Dichlorophenol  
 Concen: 7.009 ng  
 RT: 9.82 min Scan# 1178  
 Delta R.T. 0.00 min  
 Lab File: BM026476.D  
 Acq: 19 Jun 2020 21:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 46733 |       |       |
| 164     | 66.4  | 46.2  | 86.2  |       |
| 98      | 44.6  | 19.0  | 59.0  |       |

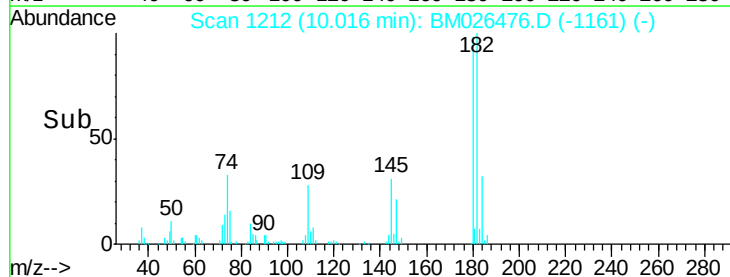
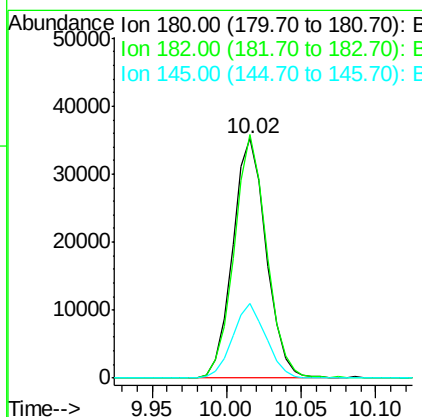
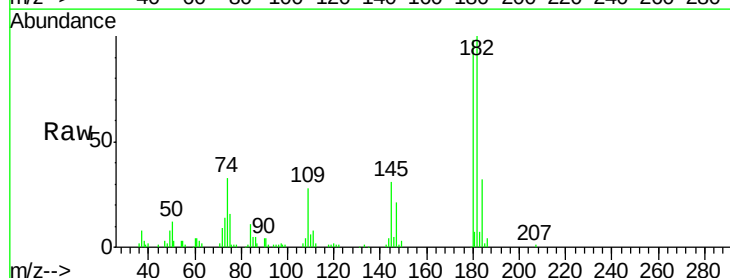
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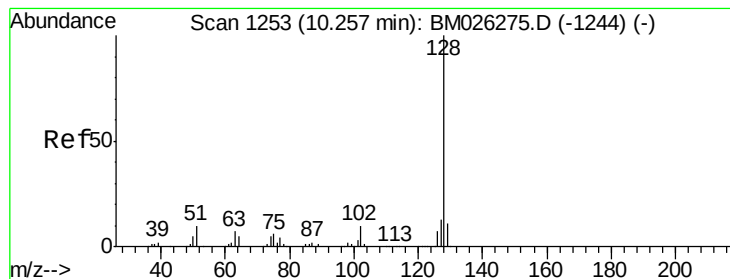
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 7.523 ng  
 RT: 10.02 min Scan# 1212  
 Delta R.T. 0.00 min  
 Lab File: BM026476.D  
 Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 55007 |       |       |
| 182     | 101.6 | 77.3  | 115.9 |       |
| 145     | 31.4  | 26.6  | 40.0  |       |





#31

Naphthalene

Concen: 7.675 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

Instrument :

BNA\_M

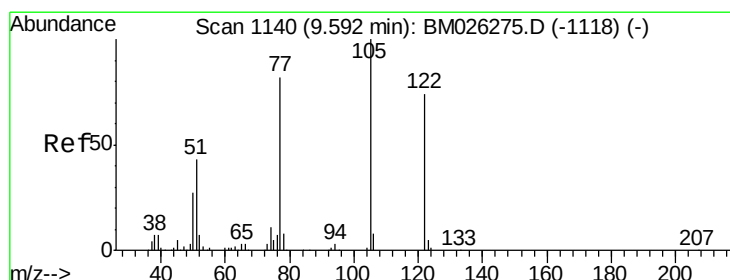
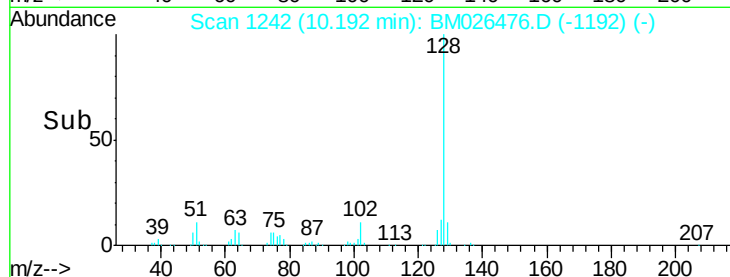
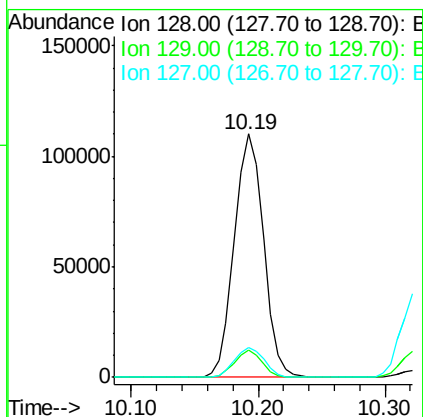
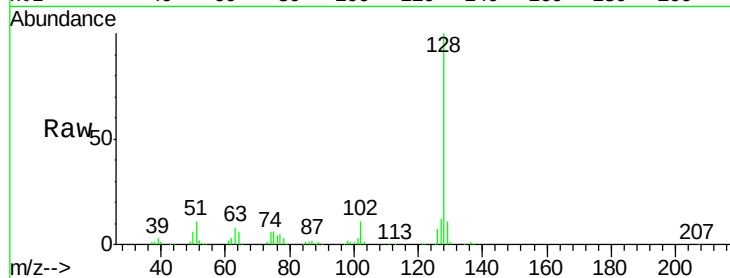
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 176457 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.1  | 8.4   | 12.6   |
| 127       | 12.3  | 10.2  | 15.4   |

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#32

Benzoic acid

Concen: 2.953 ng m

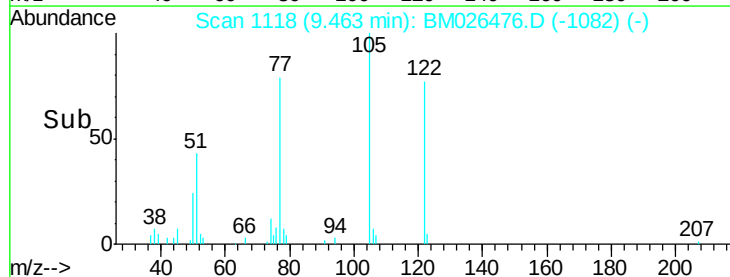
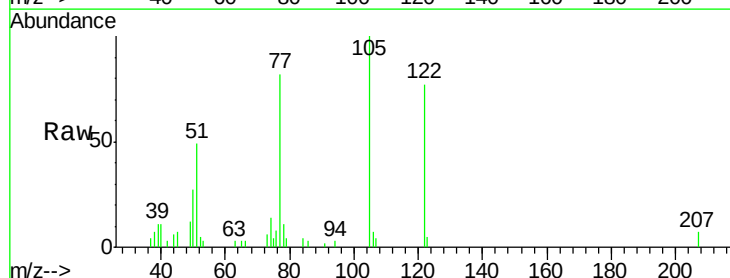
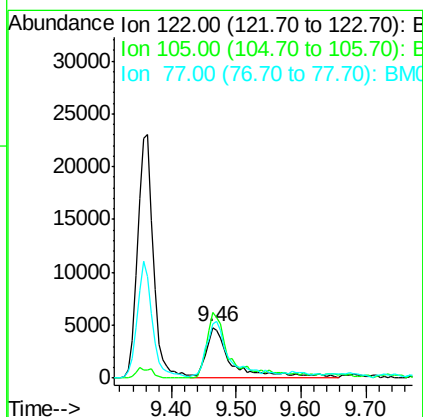
RT: 9.46 min Scan# 1118

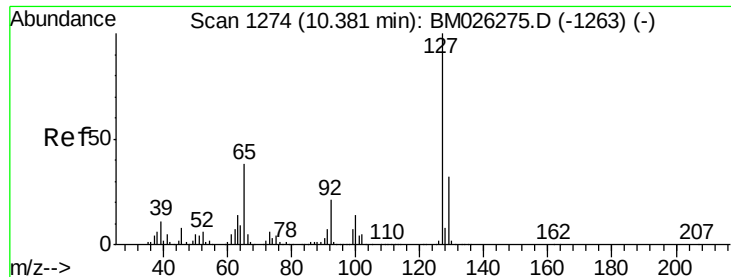
Delta R.T. -0.09 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 13335 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 129.1 | 108.9 | 148.9 |
| 77        | 106.5 | 90.1  | 130.1 |





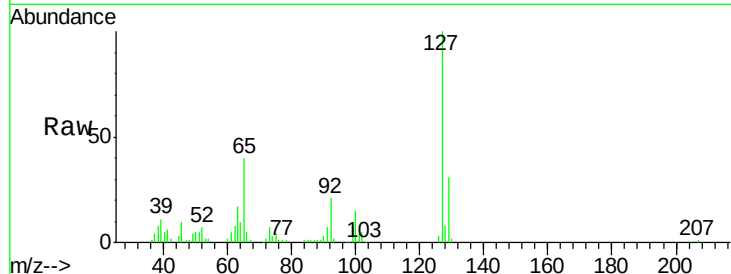
#33  
4-Chloroaniline  
Concen: 6.927 ng  
RT: 10.32 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

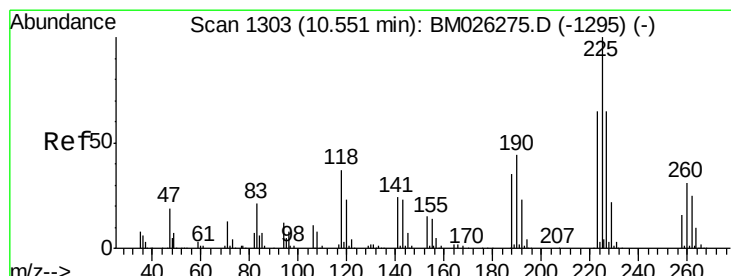
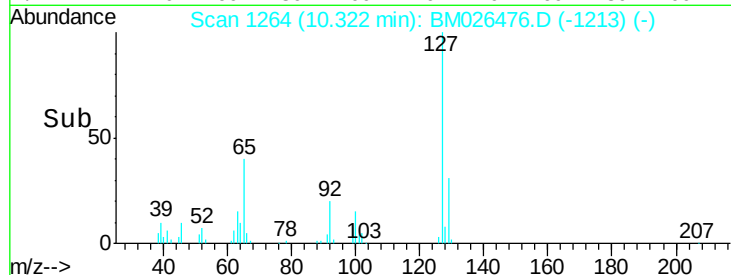
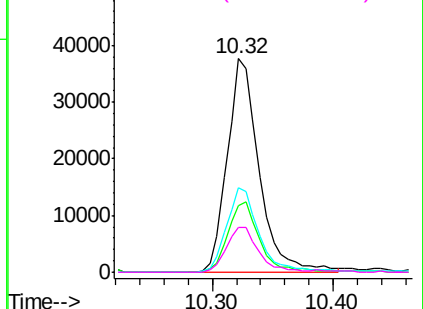
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.4  | 25.3  | 37.9  |
| 65      | 39.5  | 30.0  | 45.0  |
| 92      | 21.0  | 17.1  | 25.7  |

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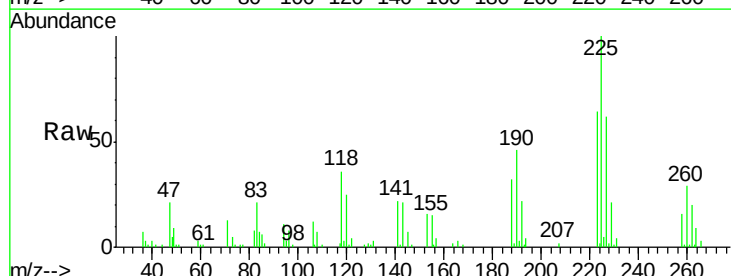


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

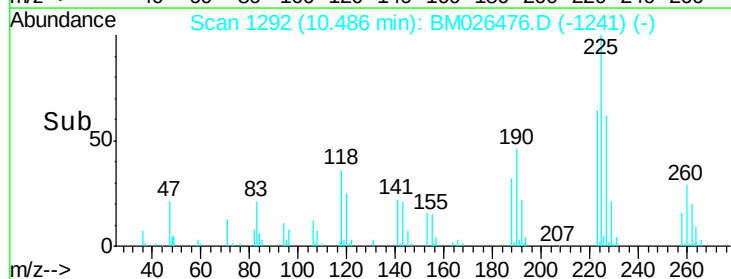
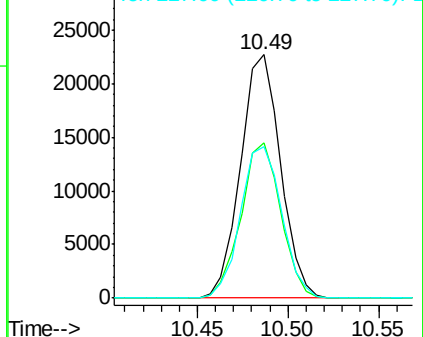


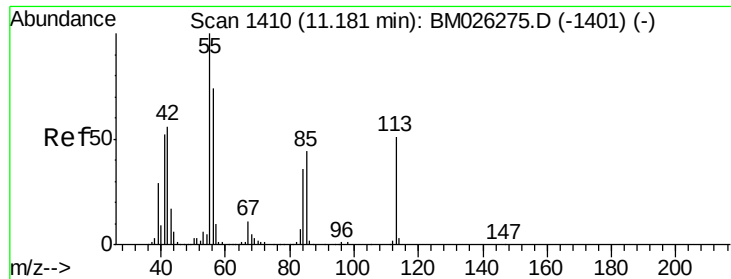
#34  
Hexachlorobutadiene  
Concen: 7.556 ng  
RT: 10.49 min Scan# 1292  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.9  | 50.2  | 75.4  |
| 227     | 62.3  | 49.5  | 74.3  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 7.798 ng

RT: 11.10 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

Instrument :

BNA\_M

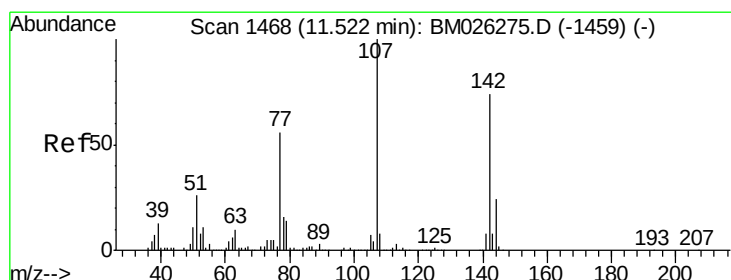
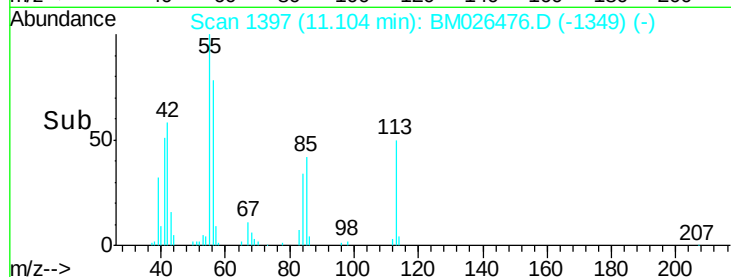
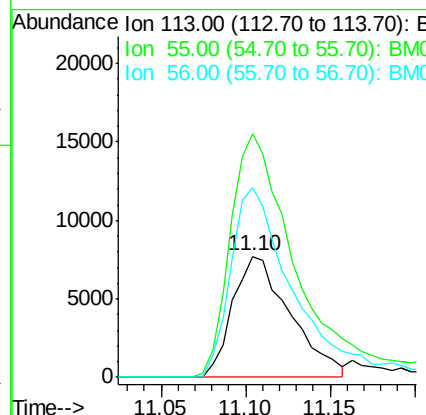
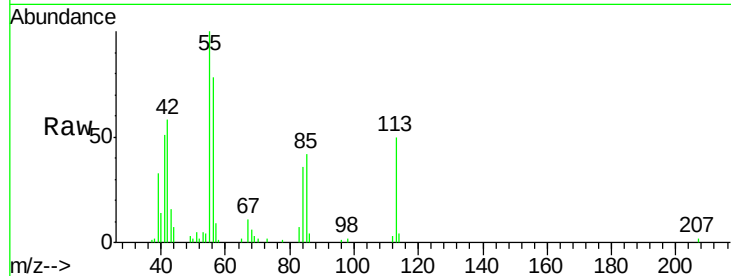
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 18267 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 200.9 | 177.1 | 217.1 |
| 56       | 156.3 | 134.8 | 174.8 |

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#36

4-Chloro-3-methylphenol

Concen: 7.661 ng

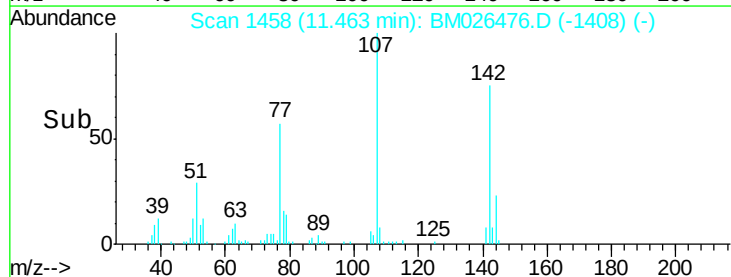
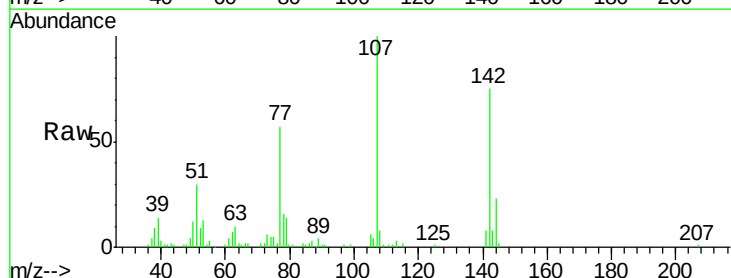
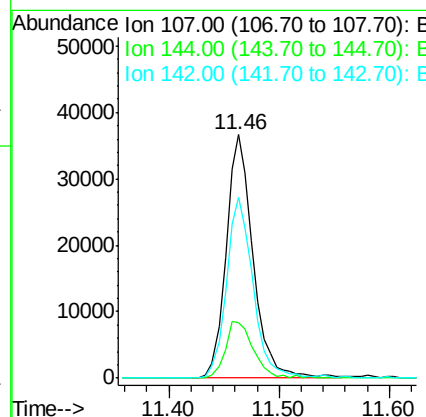
RT: 11.46 min Scan# 1458

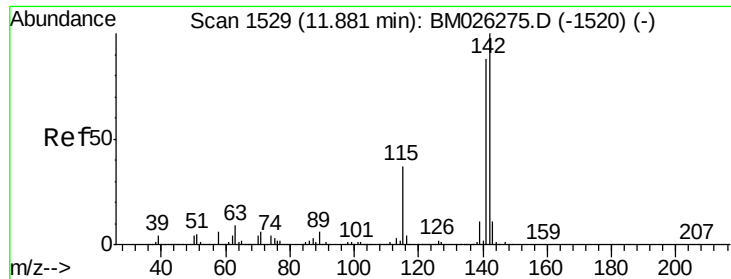
Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 62244 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 144      | 23.0  | 18.7  | 28.1  |
| 142      | 74.5  | 57.7  | 86.5  |





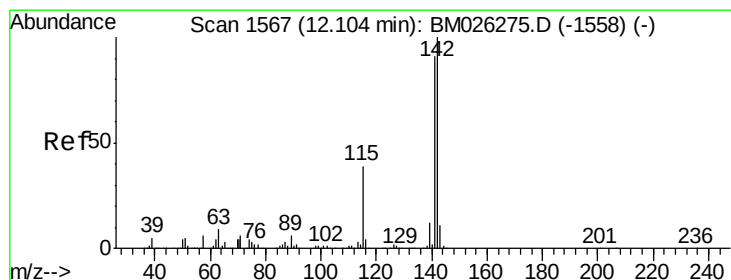
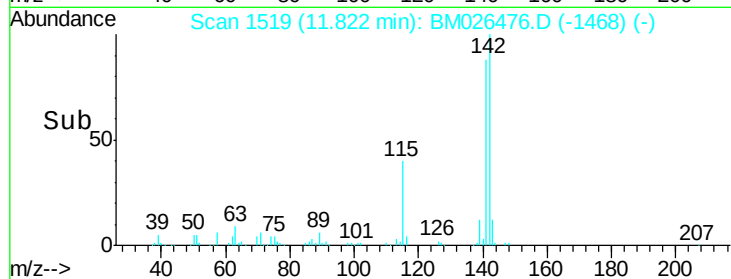
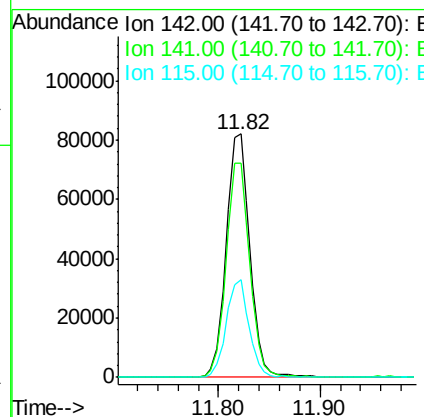
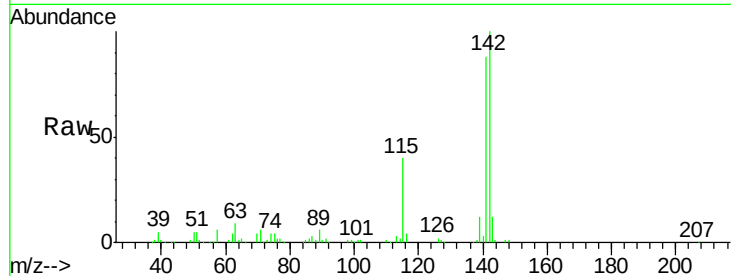
#37  
2-Methylnaphthalene  
Concen: 8.113 ng  
RT: 11.82 min Scan# 1519  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.0  | 70.5  | 105.7 |
| 115     | 39.9  | 30.2  | 45.4  |

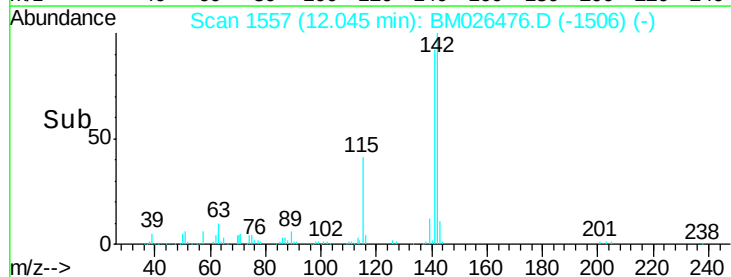
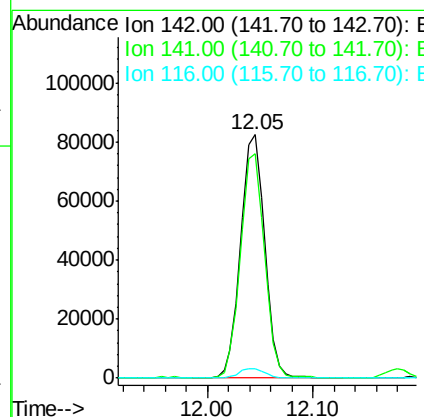
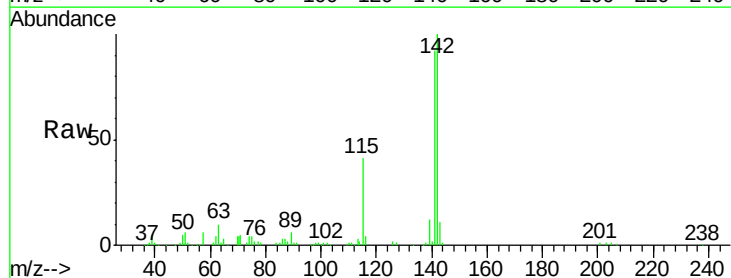
Manual Integrations  
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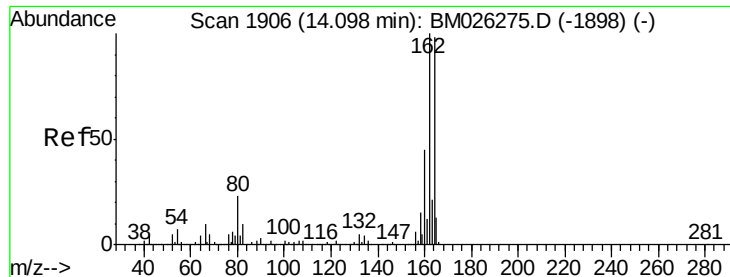
mohammad  
6/22/2020 3:23:36 PM



#38  
1-Methylnaphthalene  
Concen: 8.371 ng  
RT: 12.05 min Scan# 1557  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.2  | 73.3  | 109.9 |
| 116     | 3.8   | 3.4   | 5.0   |





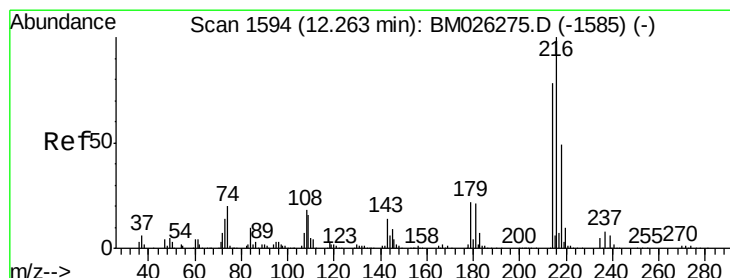
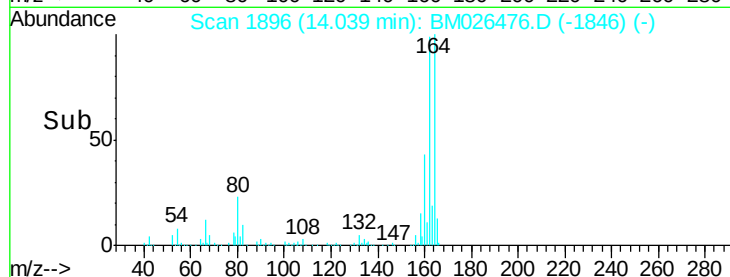
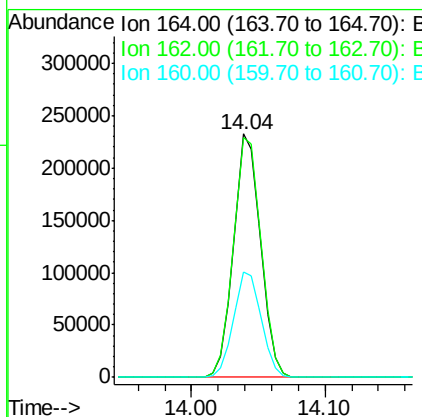
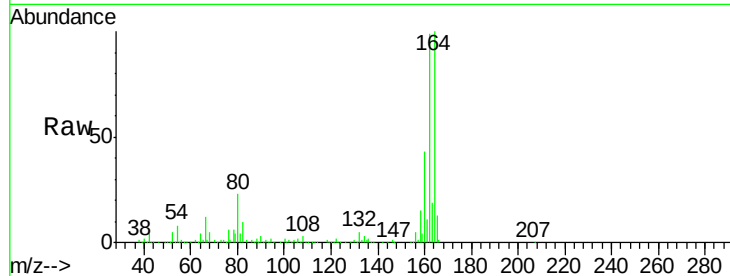
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.04 min Scan# 1896  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 98.6  | 77.7  | 116.5 |
| 160     | 43.4  | 34.2  | 51.2  |

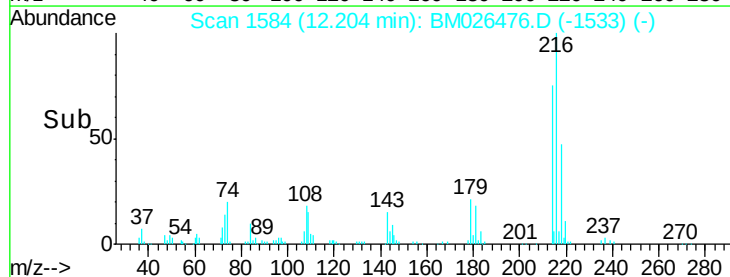
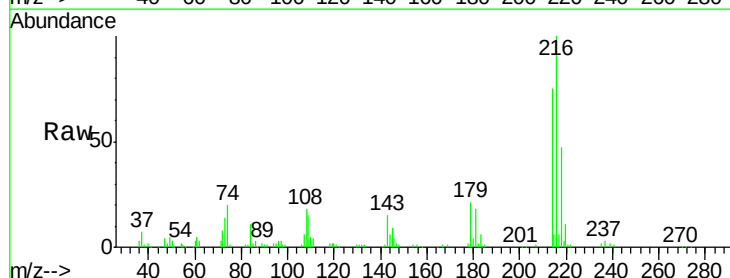
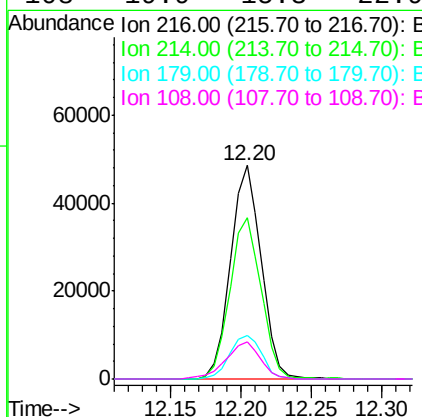
Manual Integrations  
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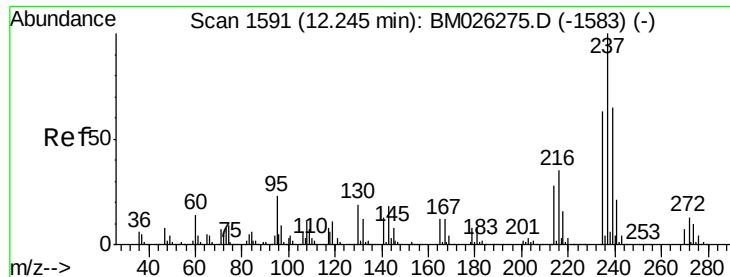


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 7.874 ng  
RT: 12.20 min Scan# 1584  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.1  | 61.9  | 92.9  |
| 179     | 21.4  | 16.3  | 24.5  |
| 108     | 19.9  | 15.3  | 22.9  |







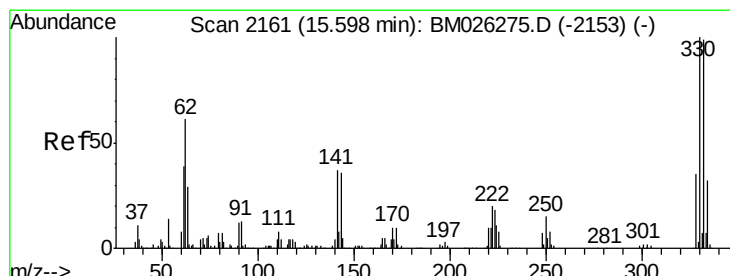
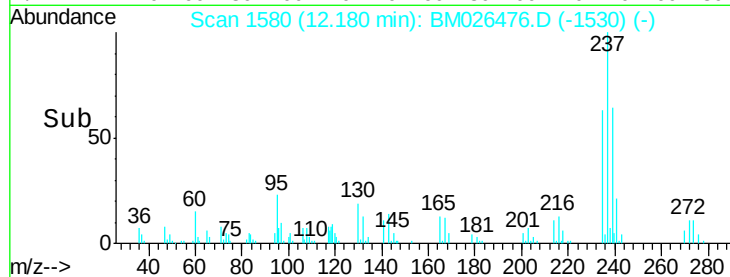
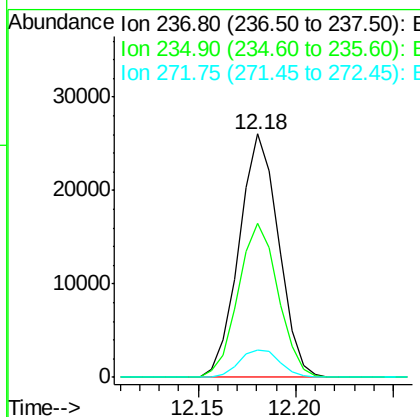
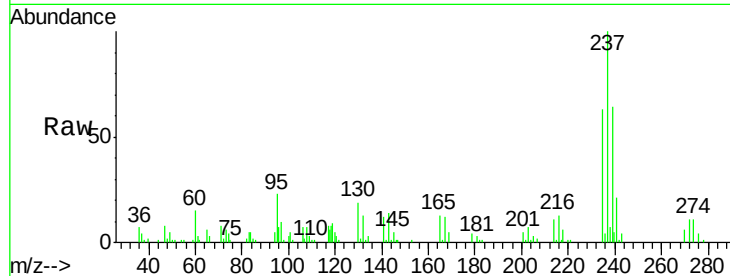
#41  
Hexachlorocyclopentadiene  
Concen: 6.659 ng  
RT: 12.18 min Scan# 1580  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 36564 |       |       |
| 235     | 63.5  | 42.1  | 82.1  |       |
| 272     | 11.3  | 0.0   | 33.5  |       |

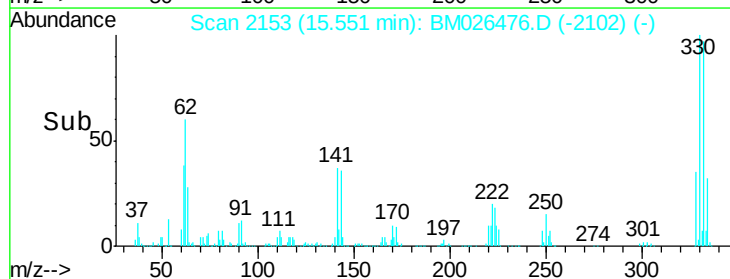
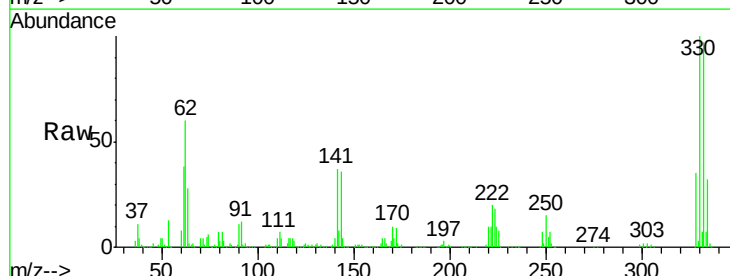
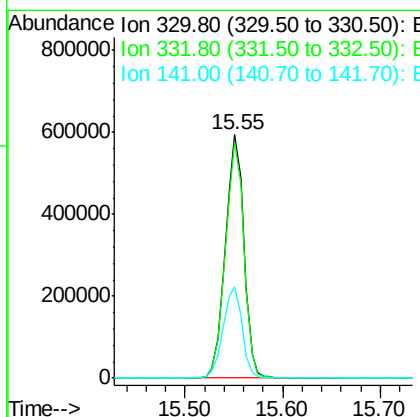
Manual Integrations  
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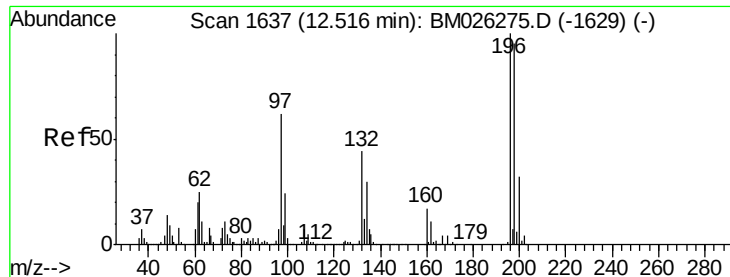
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#42  
2,4,6-Tribromophenol  
Concen: 197.519 ng  
RT: 15.55 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 783209 |       |       |
| 332     | 97.0  | 77.7   | 116.5 |       |
| 141     | 38.2  | 29.7   | 44.5  |       |





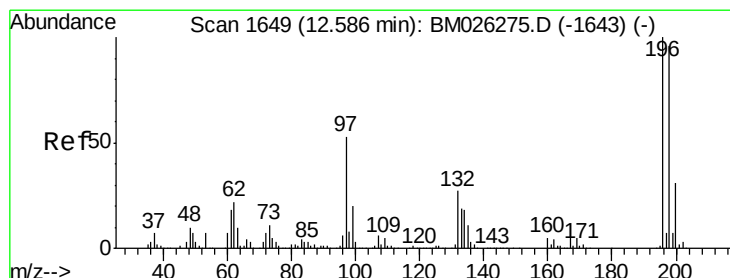
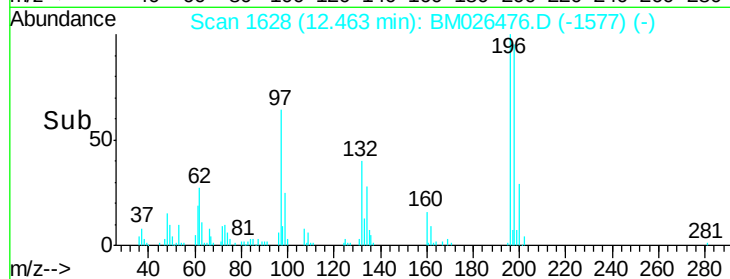
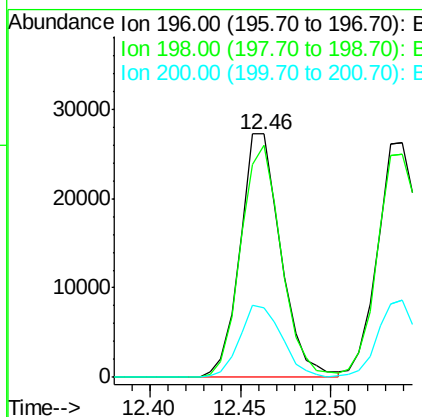
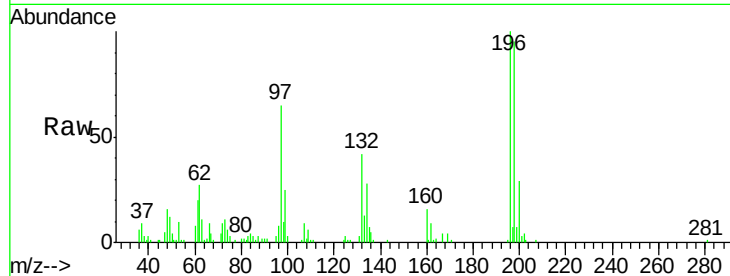
#43  
2,4,6-Trichlorophenol  
Concen: 6.746 ng  
RT: 12.46 min Scan# 1628  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.4  | 79.0  | 118.4 |
| 200     | 28.8  | 25.2  | 37.8  |

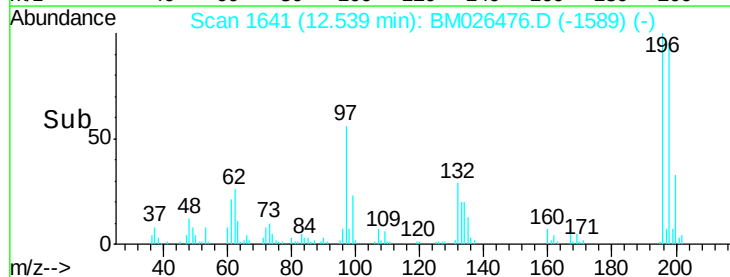
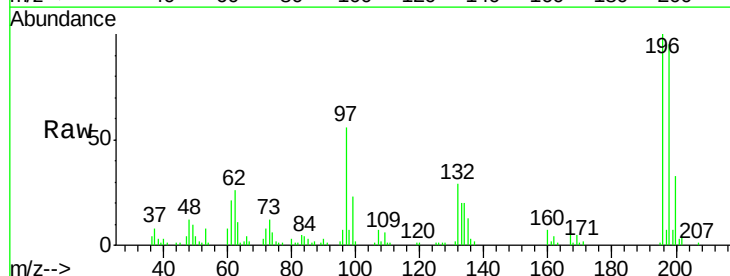
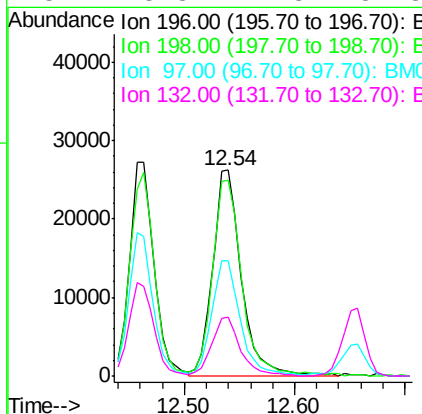
Manual Integrations  
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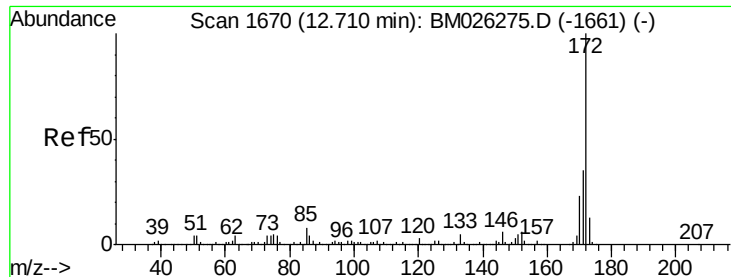
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#44  
2,4,5-Trichlorophenol  
Concen: 6.465 ng  
RT: 12.54 min Scan# 1641  
Delta R.T. 0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.3  | 77.1  | 115.7 |
| 97      | 55.9  | 43.0  | 64.4  |
| 132     | 28.8  | 21.8  | 32.8  |





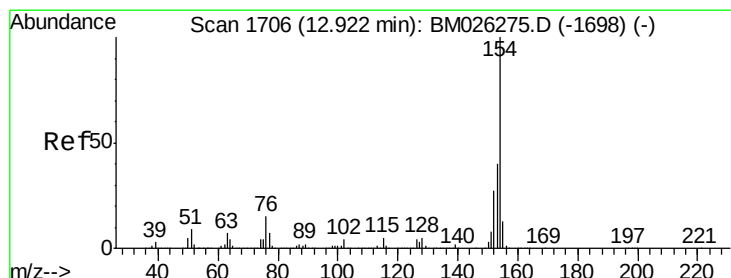
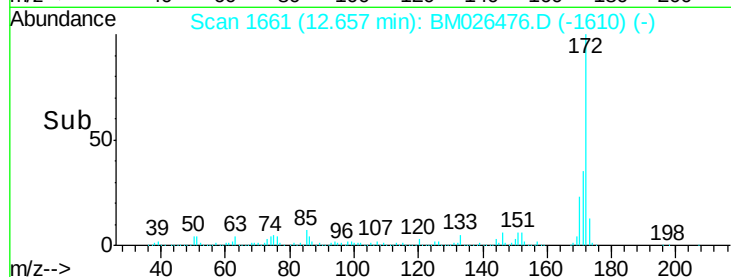
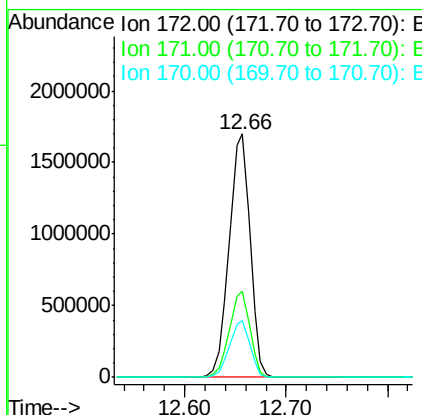
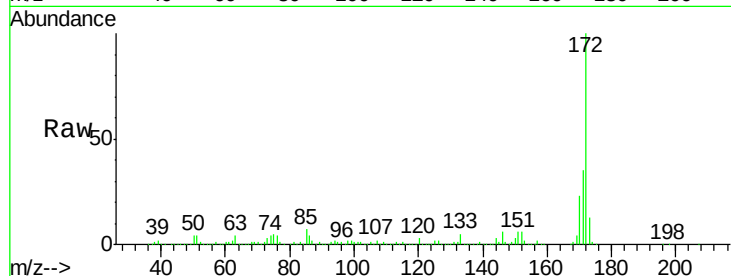
#45  
2-Fluorobiphenyl  
Concen: 113.060 ng  
RT: 12.66 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.2  | 27.8  | 41.8  |
| 170     | 23.1  | 18.2  | 27.4  |

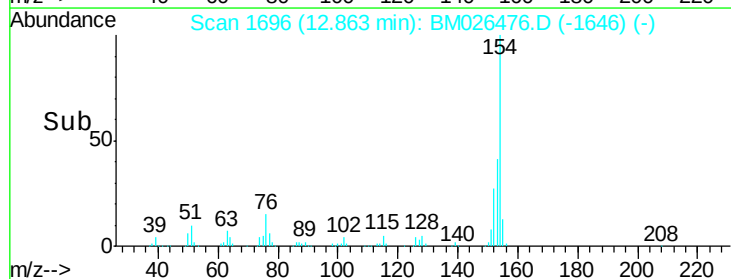
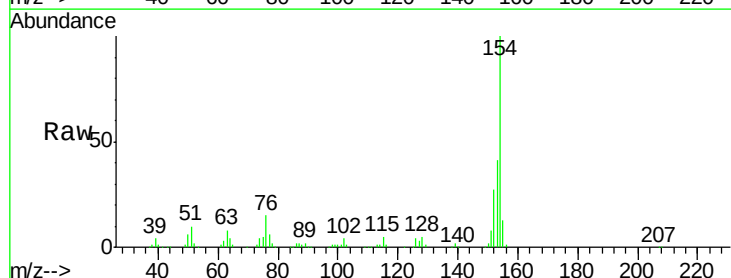
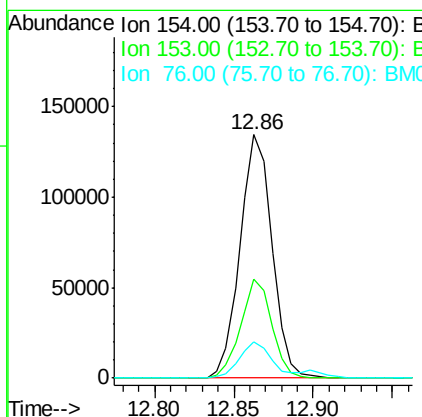
Manual Integrations  
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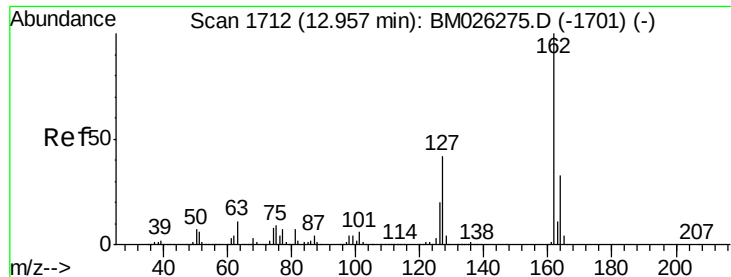
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#46  
1,1'-Biphenyl  
Concen: 8.222 ng  
RT: 12.86 min Scan# 1696  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.6  | 20.0  | 60.0  |
| 76      | 14.9  | 0.0   | 34.6  |





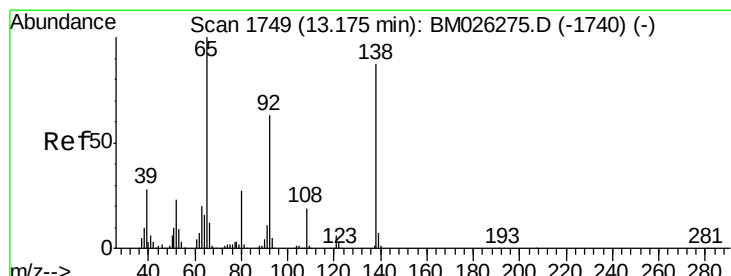
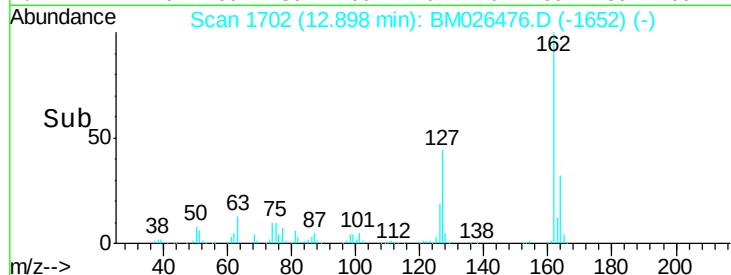
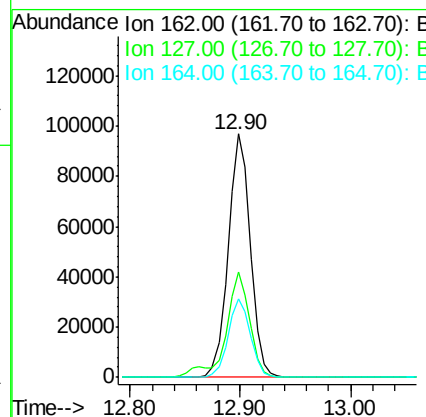
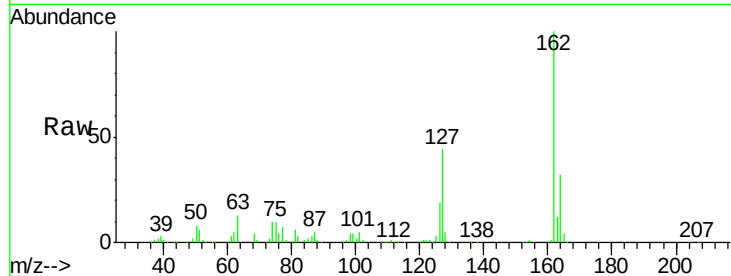
#47  
2-Chloronaphthalene  
Concen: 7.266 ng  
RT: 12.90 min Scan# 1702  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.5  | 34.0  | 51.0  |
| 164     | 32.1  | 26.3  | 39.5  |

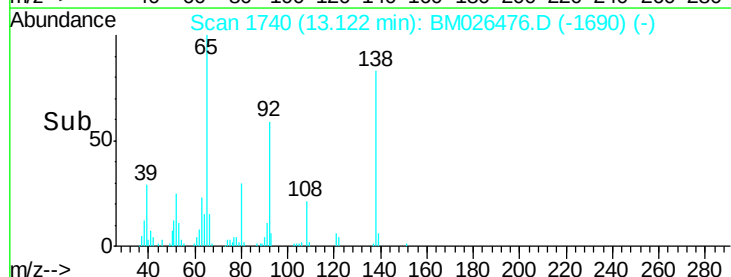
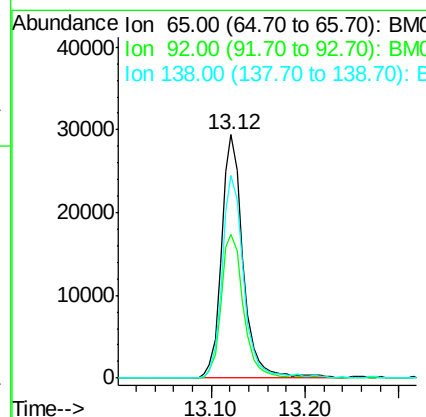
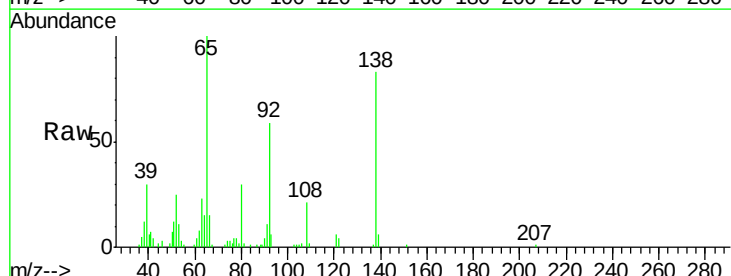
Manual Integrations  
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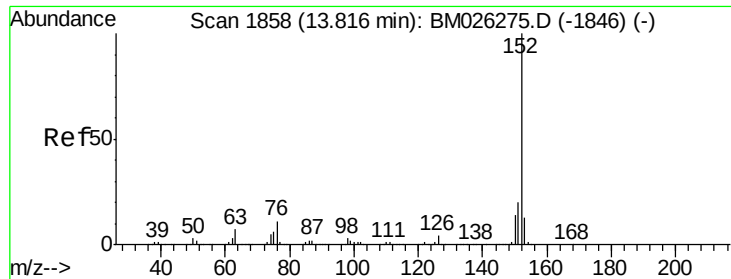
mohammad  
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#48  
2-Nitroaniline  
Concen: 6.396 ng  
RT: 13.12 min Scan# 1740  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 58.8  | 50.6  | 76.0  |
| 138     | 83.1  | 71.6  | 107.4 |





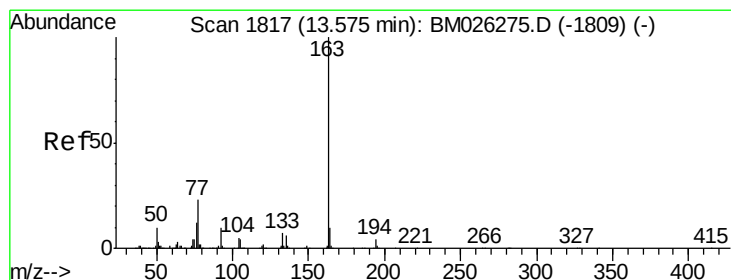
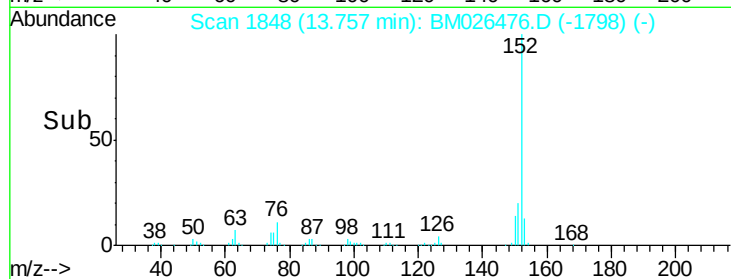
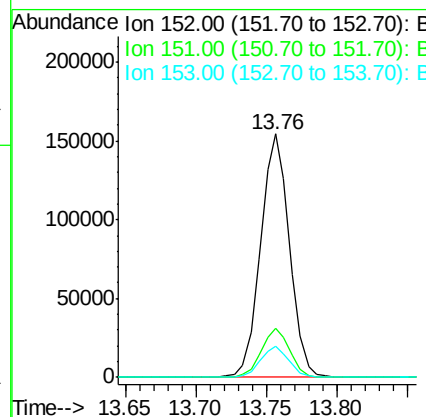
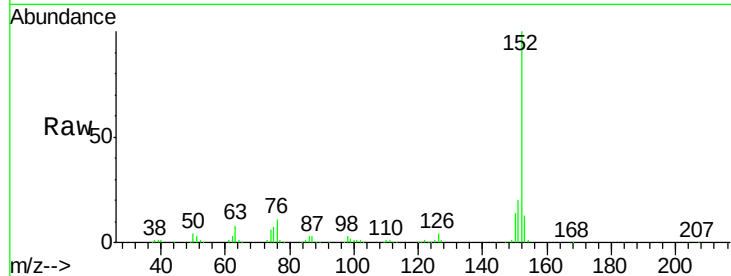
#49  
Acenaphthylene  
Concen: 7.444 ng  
RT: 13.76 min Scan# 1848  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.1  | 15.8  | 23.6  |
| 153     | 12.9  | 10.1  | 15.1  |

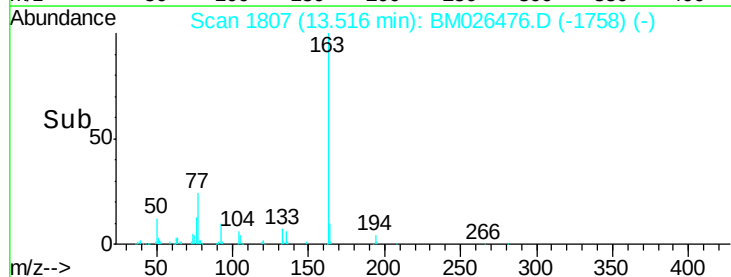
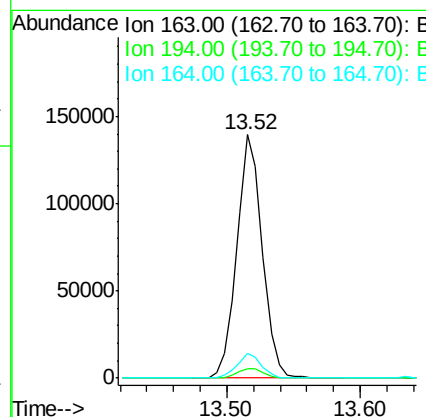
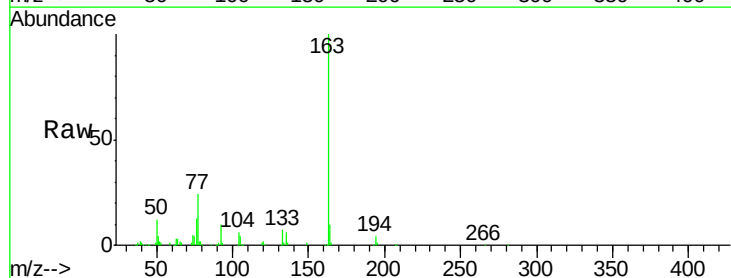
Manual Integrations  
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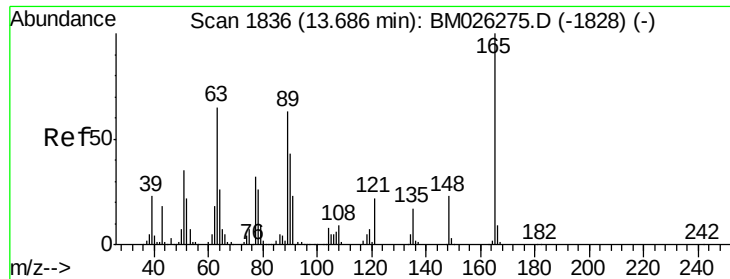
mohammad  
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#50  
Dimethylphthalate  
Concen: 7.718 ng  
RT: 13.52 min Scan# 1807  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 3.4   | 5.2   |
| 164     | 10.4  | 7.8   | 11.8  |





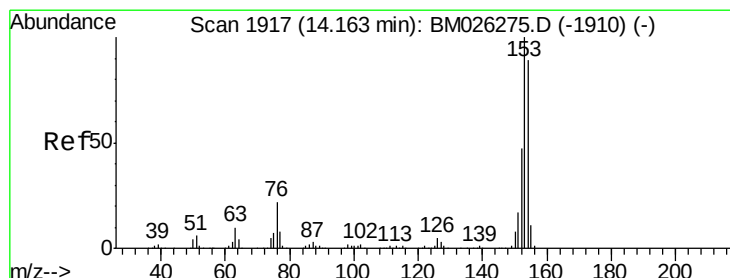
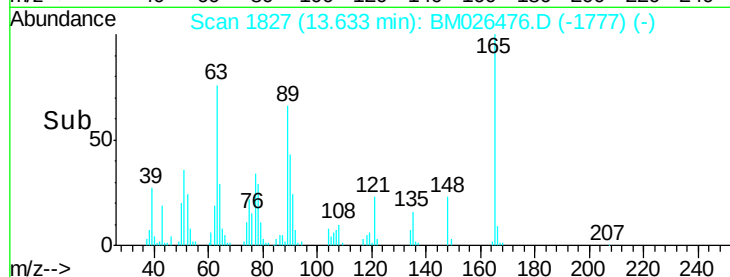
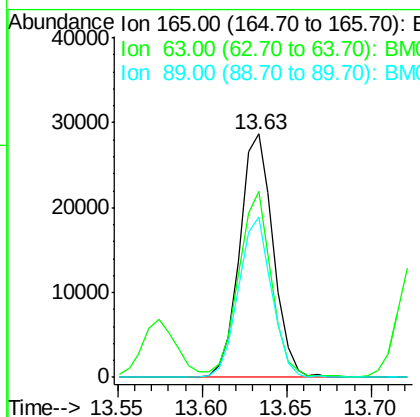
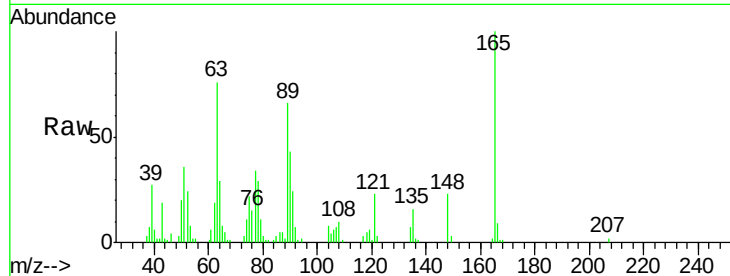
#51  
2,6-Dinitrotoluene  
Concen: 7.496 ng  
RT: 13.63 min Scan# 1827  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 39381 |       |       |
| 63      | 76.3  | 54.3  | 81.5  |       |
| 89      | 65.7  | 51.5  | 77.3  |       |

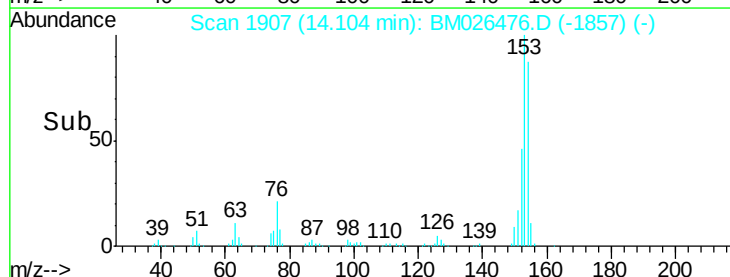
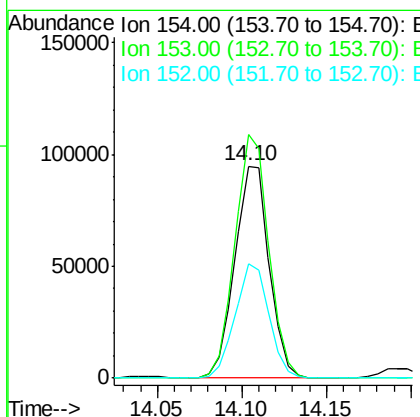
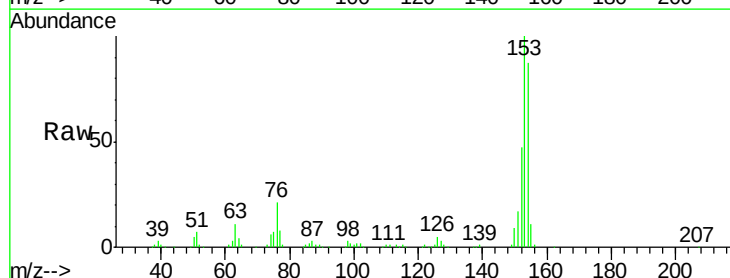
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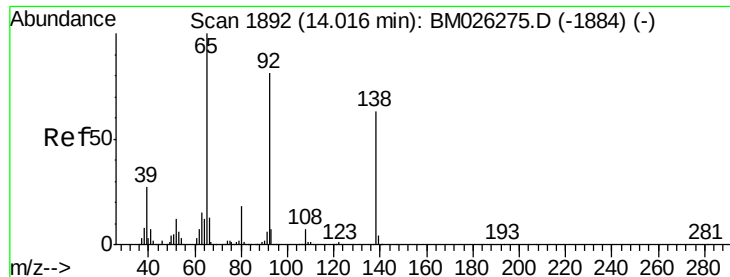
mohammad  
6/22/2020 3:23:36 PM



#52  
Acenaphthene  
Concen: 7.505 ng  
RT: 14.10 min Scan# 1907  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 134335 |       |       |
| 153     | 114.7 | 88.6   | 132.8 |       |
| 152     | 53.9  | 42.0   | 63.0  |       |





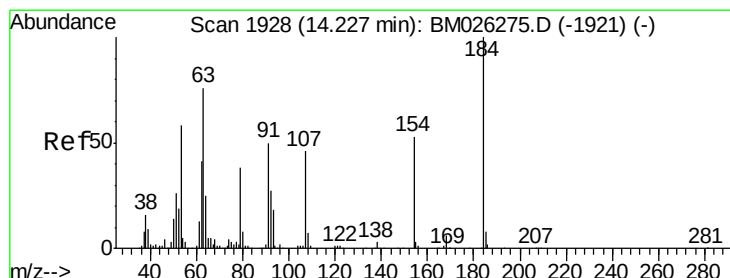
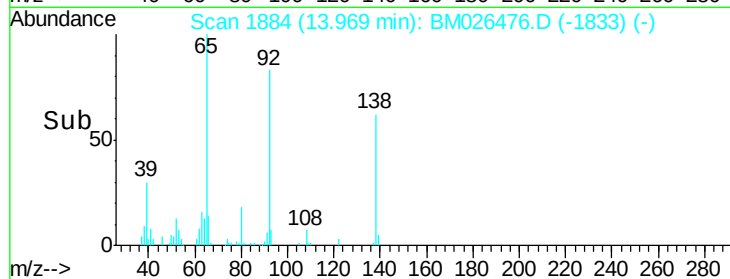
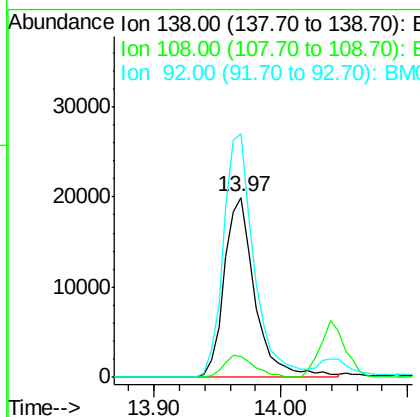
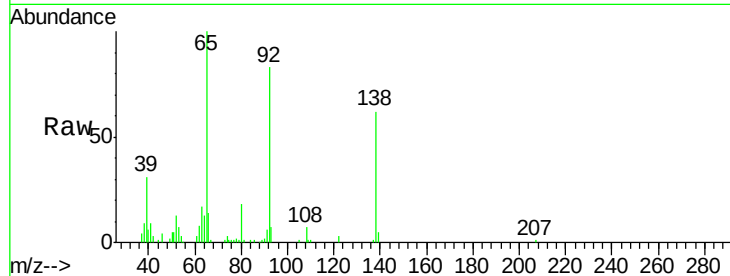
#53  
3-Nitroaniline  
Concen: 5.721 ng  
RT: 13.97 min Scan# 1884  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.5  | 9.4   | 14.0  |
| 92      | 135.4 | 105.4 | 158.2 |

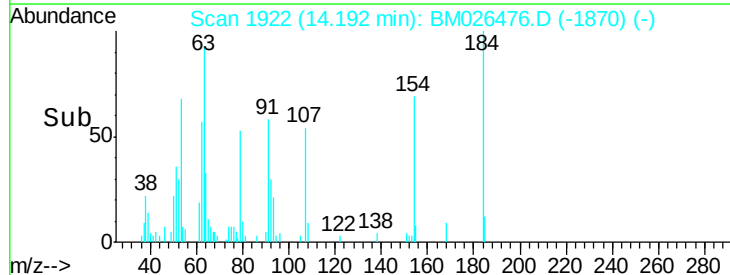
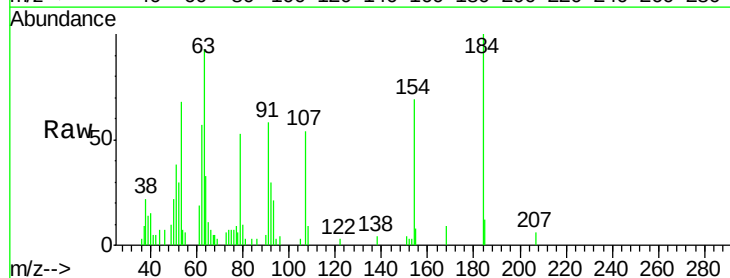
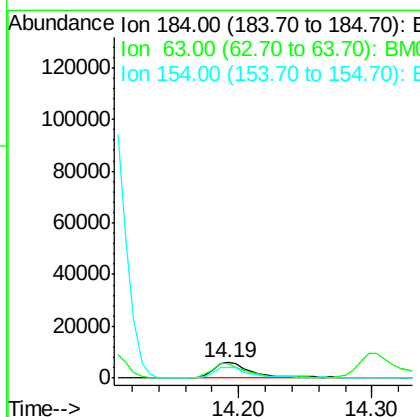
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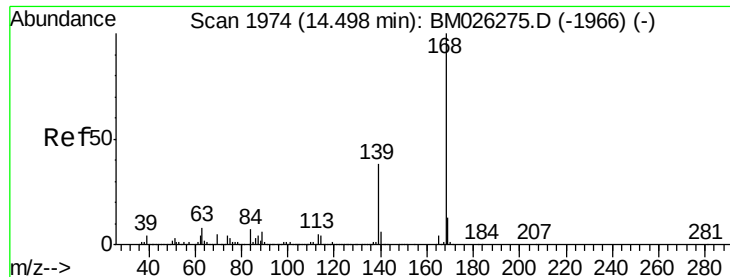
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 3.861 ng  
RT: 14.19 min Scan# 1922  
Delta R.T. 0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 93.4  | 61.8  | 92.6# |
| 154     | 69.0  | 53.1  | 79.7  |





#55

Dibenzenofuran

Concen: 7.723 ng

RT: 14.44 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

Instrument :

BNA\_M

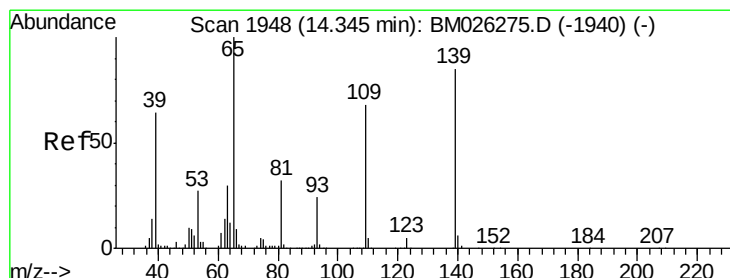
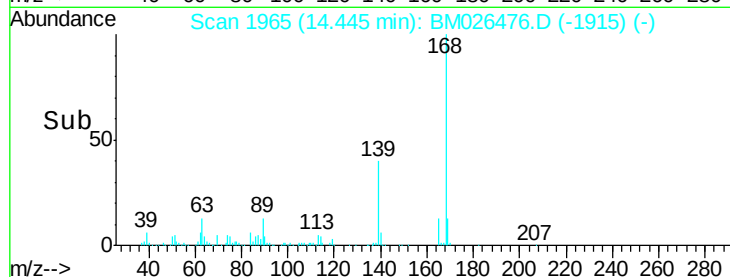
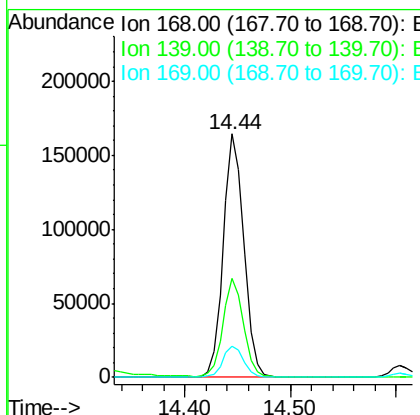
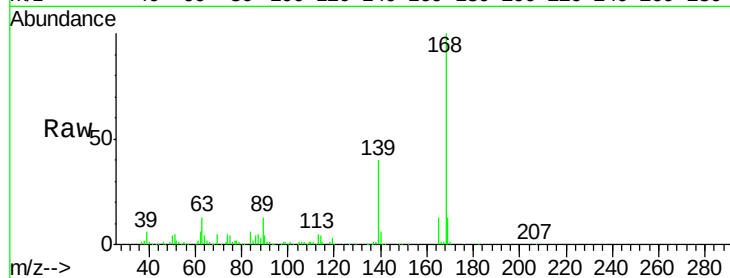
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:168 | Resp: | 222734    |
| Ion Ratio   | Lower | Upper     |
| 168         | 100   |           |
| 139         | 40.4  | 31.4 47.0 |
| 169         | 13.0  | 10.7 16.1 |

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#56

4-Nitrophenol

Concen: 10.435 ng

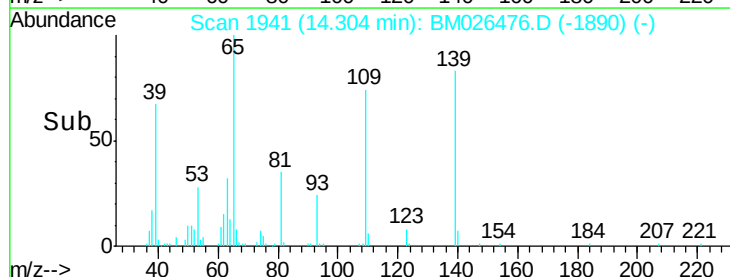
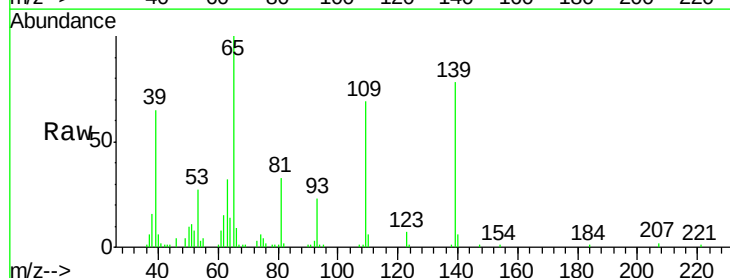
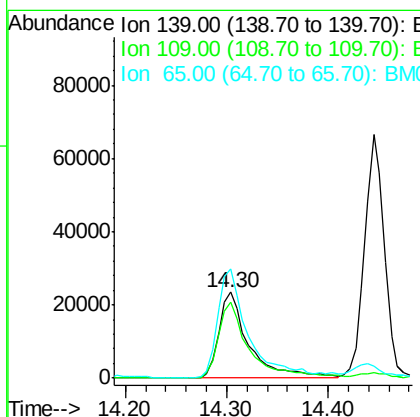
RT: 14.30 min Scan# 1941

Delta R.T. 0.00 min

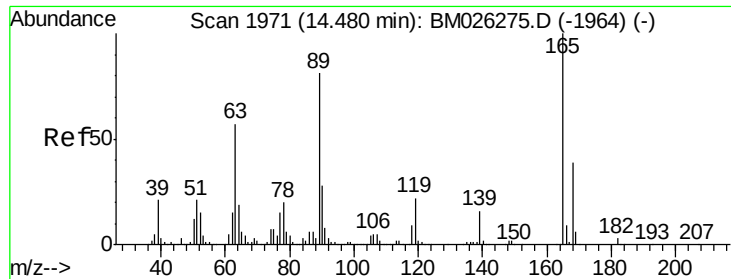
Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:139 | Resp: | 48412      |
| Ion Ratio   | Lower | Upper      |
| 139         | 100   |            |
| 109         | 88.8  | 64.9 104.9 |
| 65          | 127.8 | 98.1 138.1 |







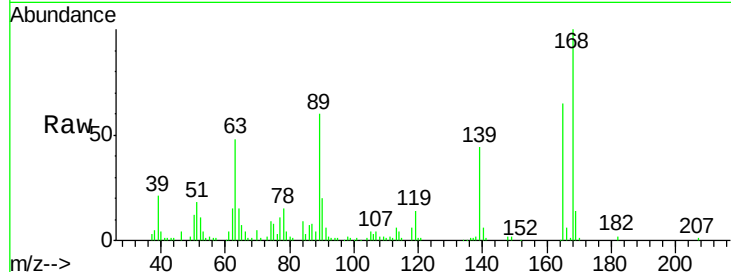
#57  
 2,4-Dinitrotoluene  
 Concen: 7.221 ng  
 RT: 14.43 min Scan# 1963  
 Delta R.T. -0.01 min  
 Lab File: BM026476.D  
 Acq: 19 Jun 2020 21:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 73.6  | 48.1  | 72.1# |
| 89      | 93.2  | 65.6  | 98.4  |
| 182     | 3.4   | 2.7   | 4.1   |

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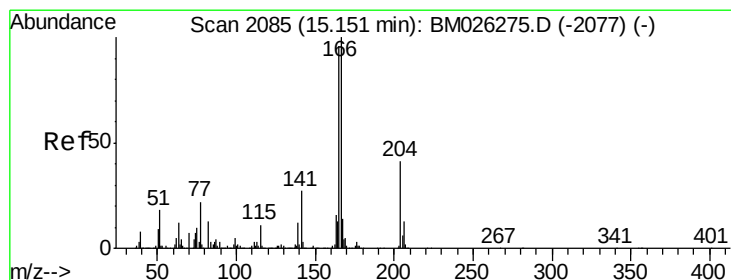
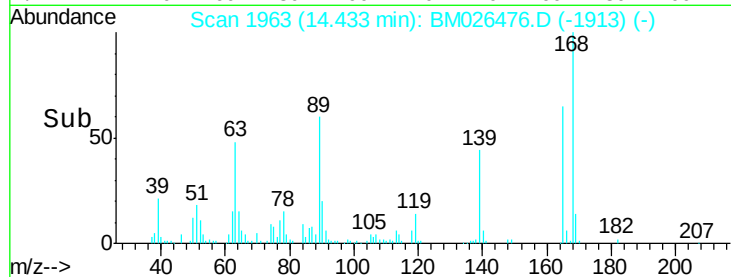
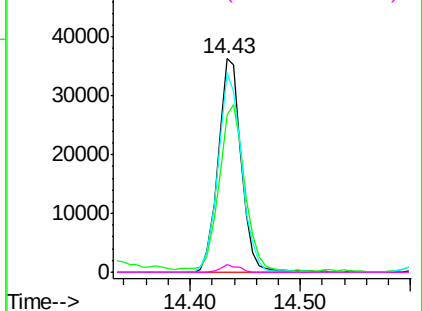


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



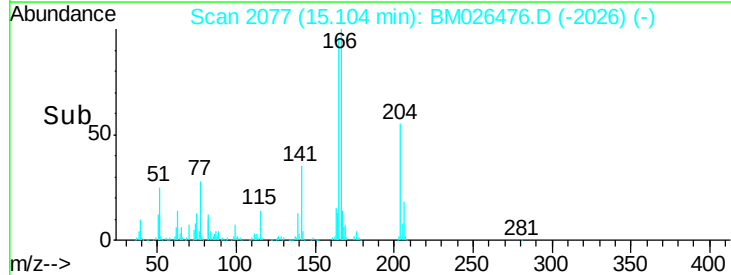
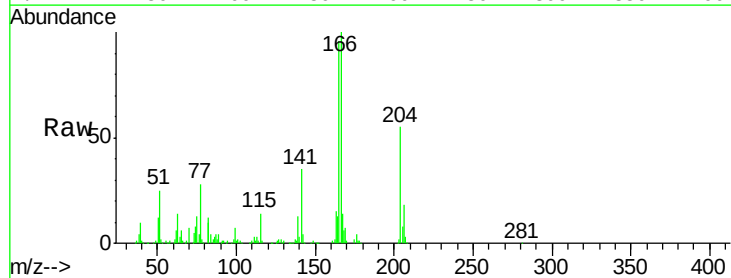
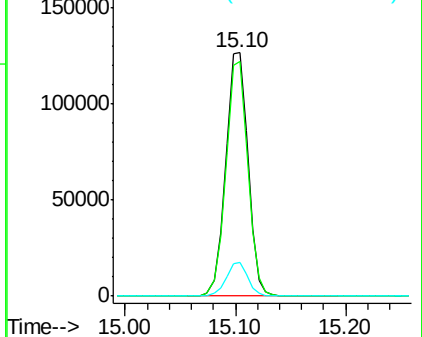
#58  
 Fluorene  
 Concen: 7.691 ng  
 RT: 15.10 min Scan# 2077  
 Delta R.T. 0.00 min  
 Lab File: BM026476.D  
 Acq: 19 Jun 2020 21:30

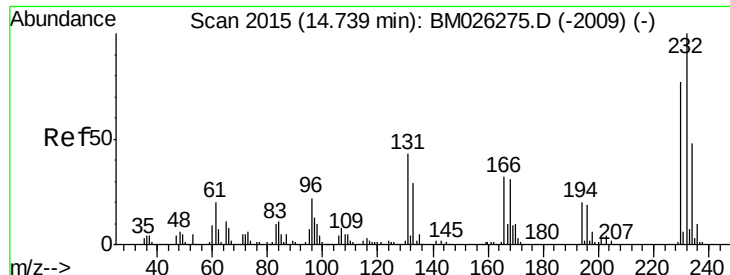
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.5  | 77.5  | 116.3 |
| 167     | 13.7  | 10.9  | 16.3  |

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





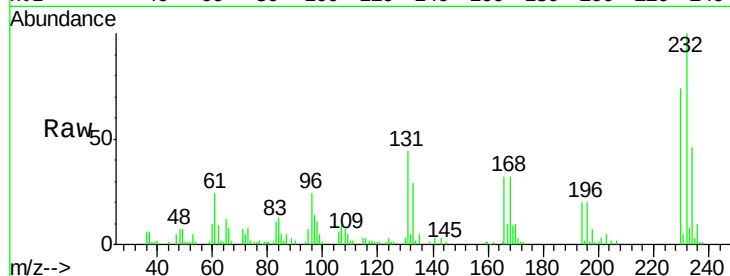
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 7.526 ng  
 RT: 14.69 min Scan# 2006  
 Delta R.T. -0.01 min  
 Lab File: BM026476.D  
 Acq: 19 Jun 2020 21:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2020

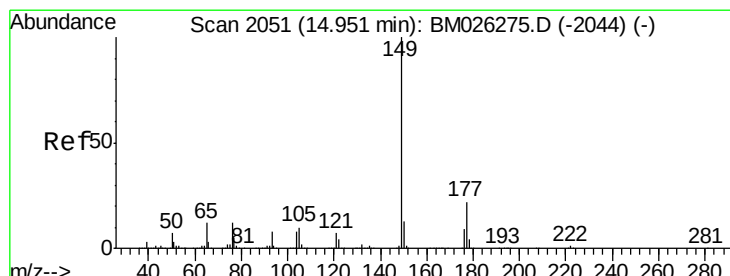
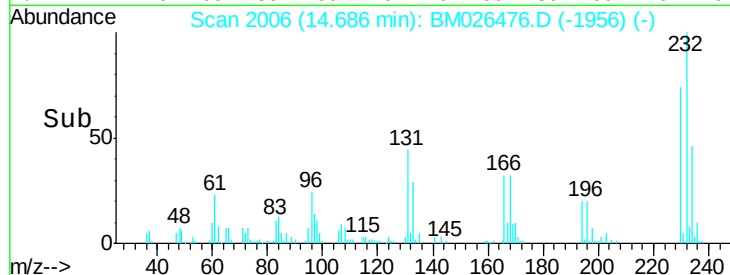
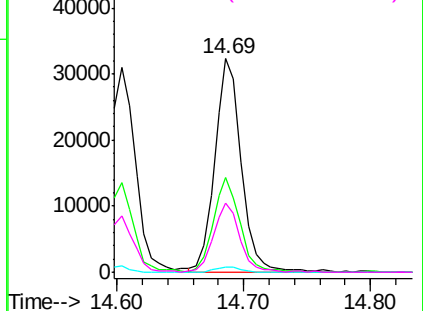
| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 232     | 100  |       | 47127 |       |       |
| 131     | 44.3 | 36.4  | 54.6  |       |       |
| 130     | 2.4  | 2.0   | 3.0   |       |       |
| 166     | 32.1 | 24.8  | 37.2  |       |       |

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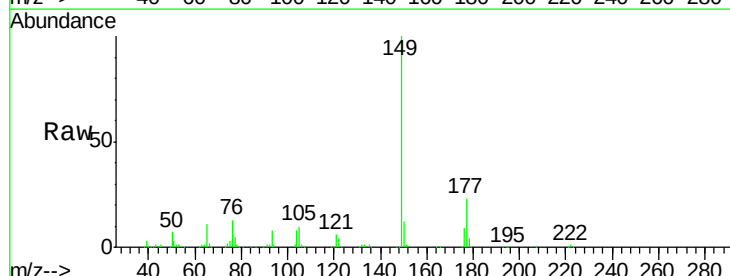


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

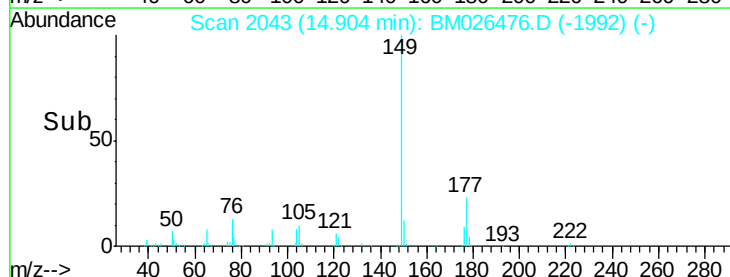
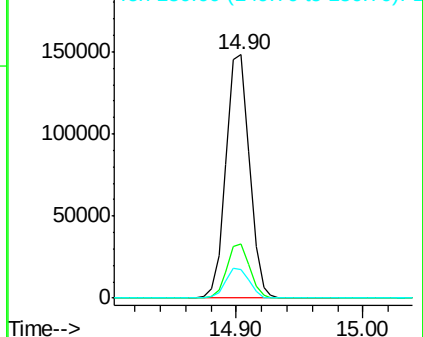


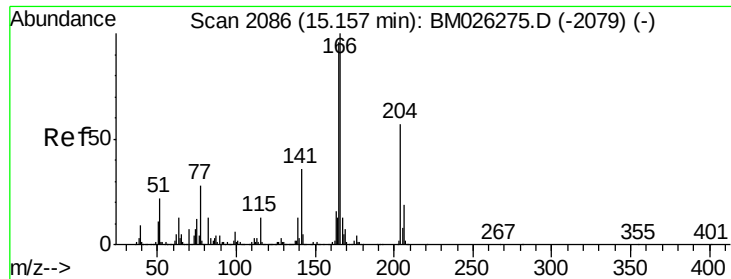
#60  
 Diethylphthalate  
 Concen: 7.786 ng  
 RT: 14.90 min Scan# 2043  
 Delta R.T. 0.00 min  
 Lab File: BM026476.D  
 Acq: 19 Jun 2020 21:30

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 149     | 100  |       | 189875 |       |       |
| 177     | 22.5 | 17.6  | 26.4   |       |       |
| 150     | 11.7 | 9.9   | 14.9   |       |       |



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





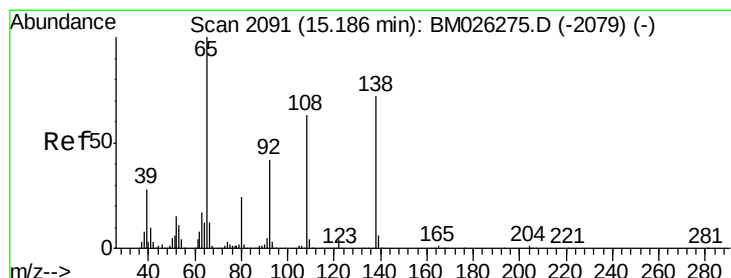
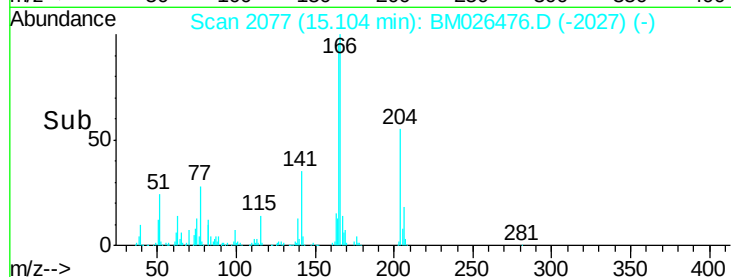
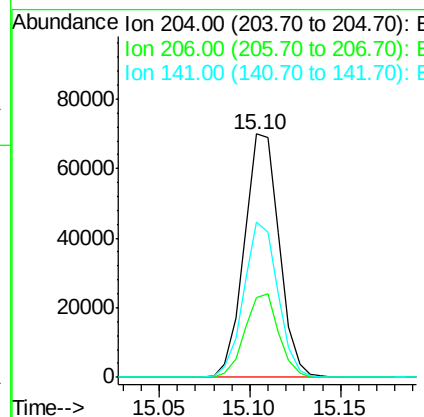
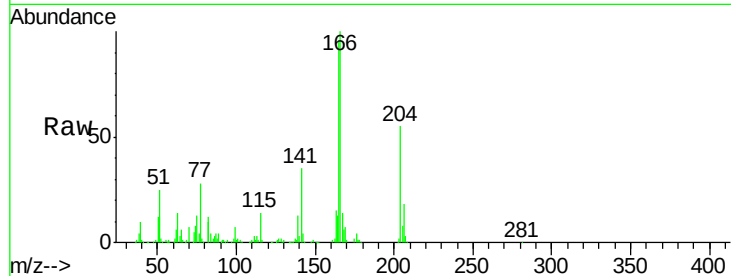
#61  
4-Chlorophenyl-phenylether  
Concen: 7.526 ng  
RT: 15.10 min Scan# 2077  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 32.6  | 26.6 | 40.0  |       |
| 141     | 63.7  | 49.4 | 74.2  |       |

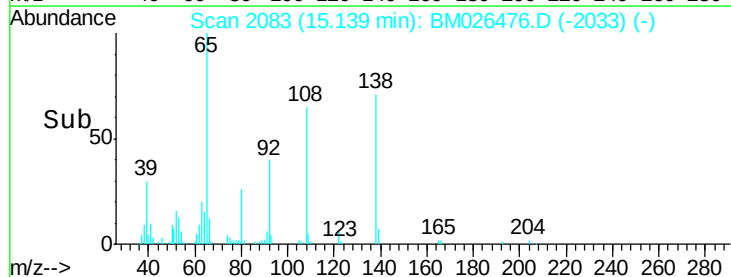
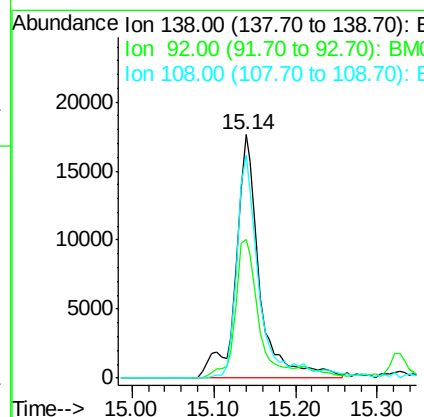
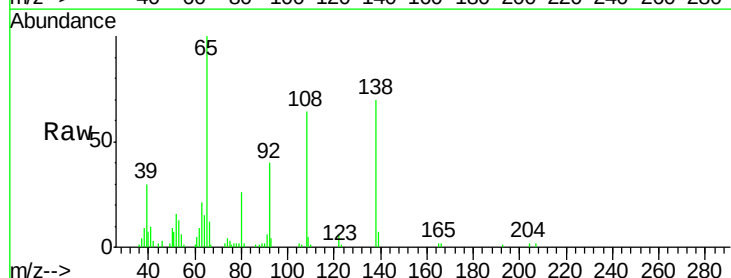
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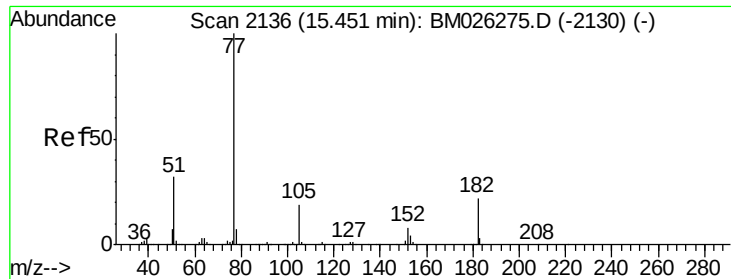
mohammad  
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#62  
4-Nitroaniline  
Concen: 5.705 ng  
RT: 15.14 min Scan# 2083  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 57.1  | 37.5 | 77.5  |       |
| 108     | 91.6  | 66.3 | 106.3 |       |





#63

Azobenzene

Concen: 7.776 ng

RT: 15.40 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

Instrument :

BNA\_M

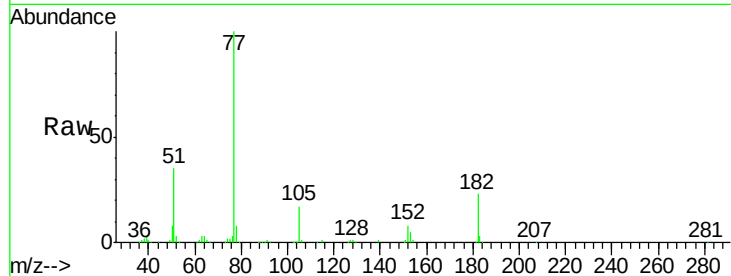
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.1  | 2.1   | 42.1  |
| 105     | 17.2  | 0.0   | 38.3  |
| 51      | 34.9  | 13.5  | 53.5  |

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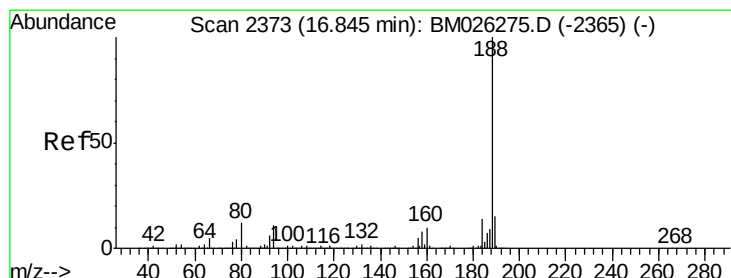
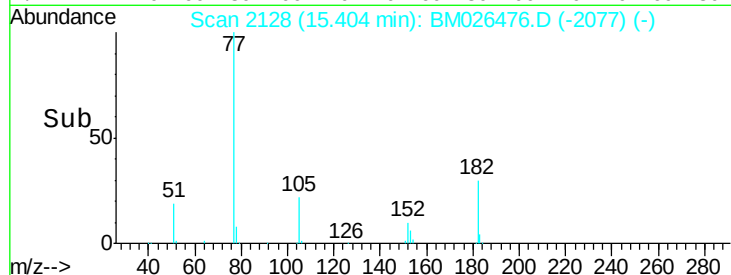
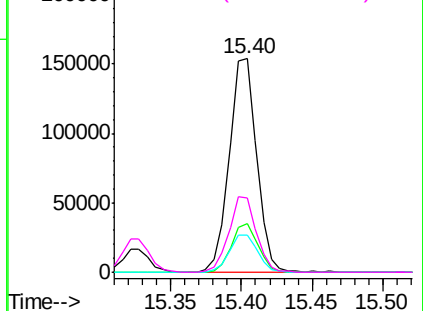


Abundance Ion 77.00 (76.70 to 77.70): BM026476.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM026476.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): BM026476.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM026476.D (-2130) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

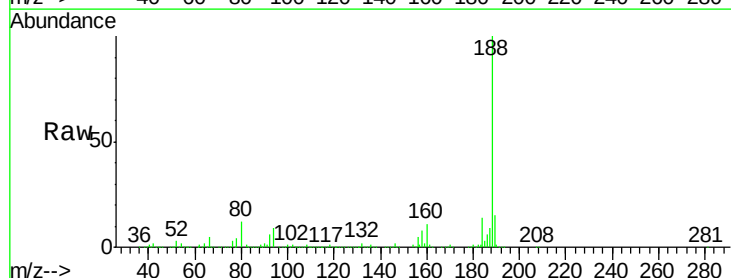
RT: 16.80 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

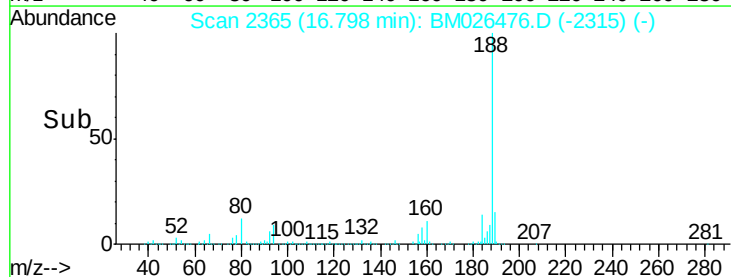
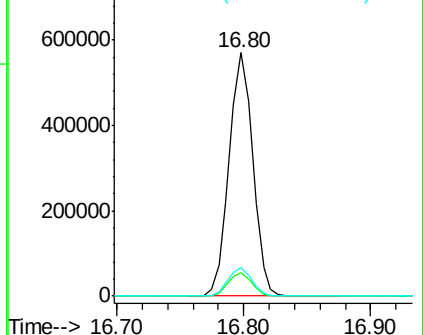
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.5   | 7.8   | 11.6  |
| 80      | 11.7  | 9.5   | 14.3  |

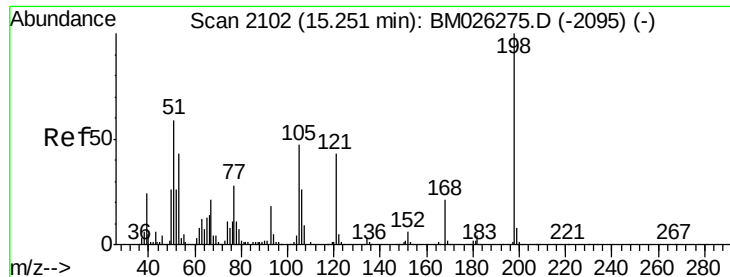


Abundance Ion 188.00 (187.70 to 188.70): BM026476.D (-2315) (-)

Ion 94.00 (93.70 to 94.70): BM026476.D (-2315) (-)

Ion 80.00 (79.70 to 80.70): BM026476.D (-2315) (-)





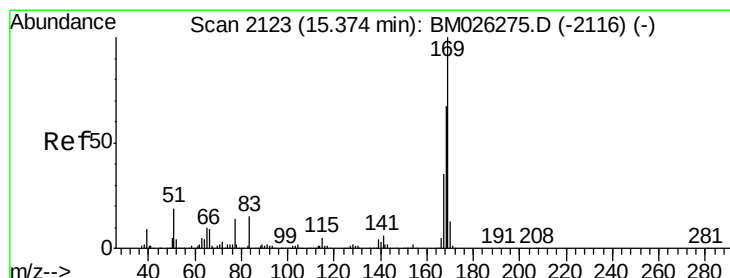
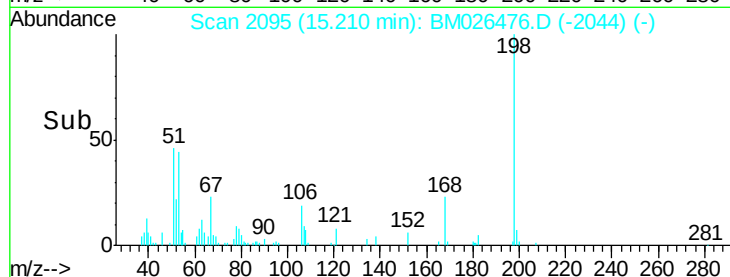
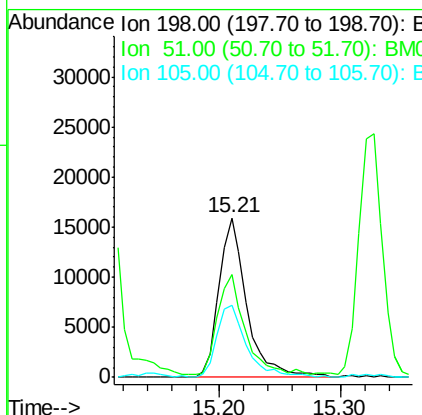
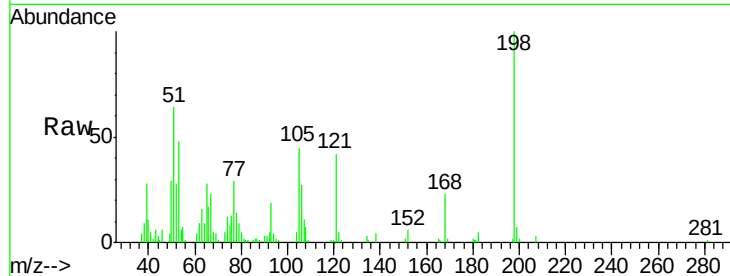
#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.632 ng  
RT: 15.21 min Scan# 2095  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 64.5  | 35.6  | 75.6  |
| 105     | 45.4  | 24.3  | 64.3  |

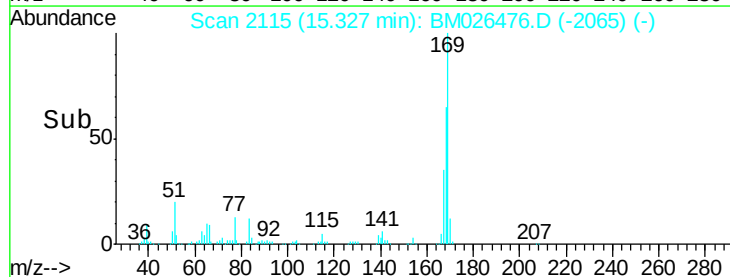
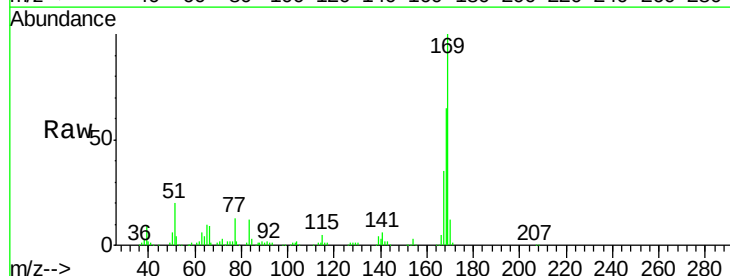
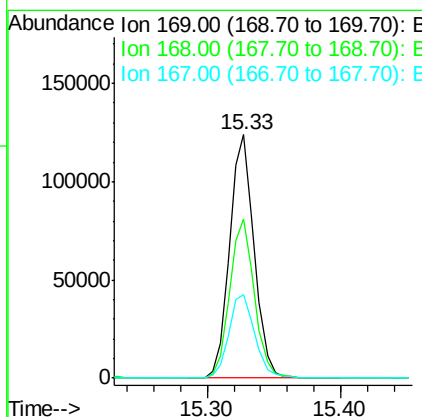
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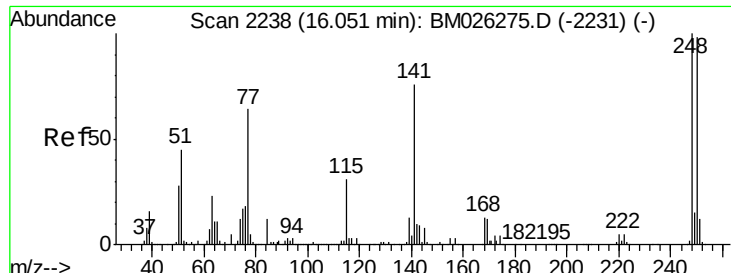
mohammad  
6/22/2020 3:23:36 PM



#66  
n-Nitrosodiphenylamine  
Concen: 7.422 ng  
RT: 15.33 min Scan# 2115  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 65.3  | 51.6  | 77.4  |
| 167     | 34.6  | 28.2  | 42.4  |





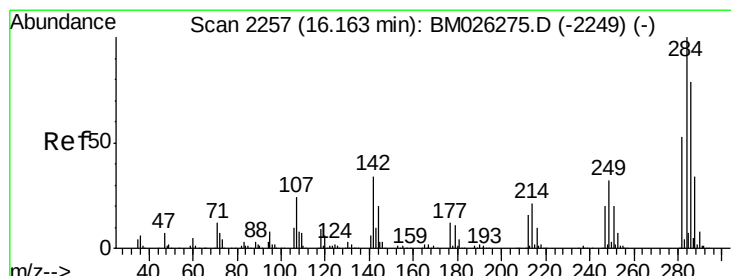
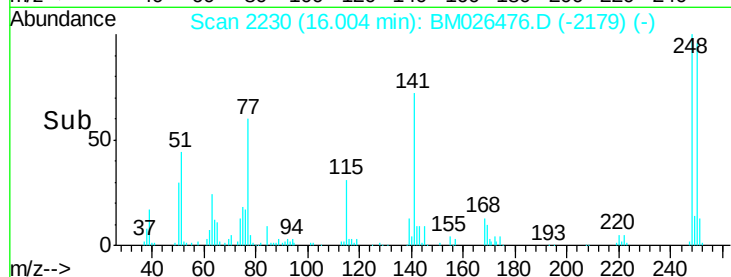
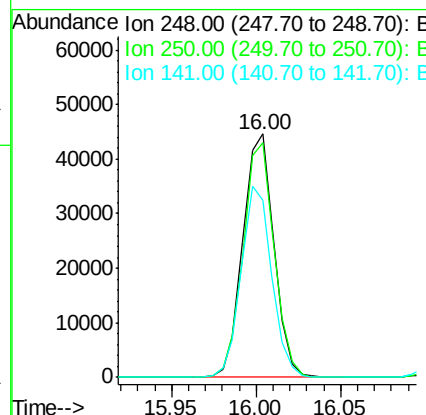
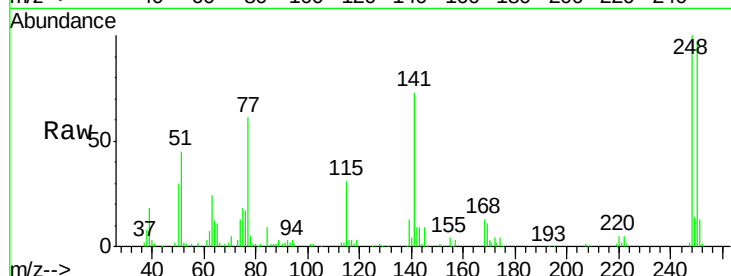
#67  
 4-Bromophenyl-phenylether  
 Concen: 7.015 ng  
 RT: 16.00 min Scan# 2230  
 Delta R.T. 0.00 min  
 Lab File: BM026476.D  
 Acq: 19 Jun 2020 21:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2020

Tot Ion:248 Resp: 57270  
 Ion Ratio Lower Upper  
 248 100  
 250 96.5 78.4 117.6  
 141 72.6 60.6 91.0

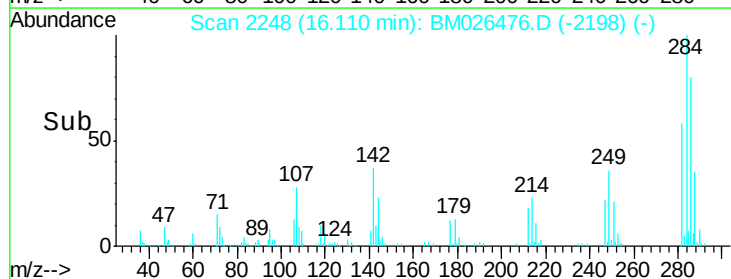
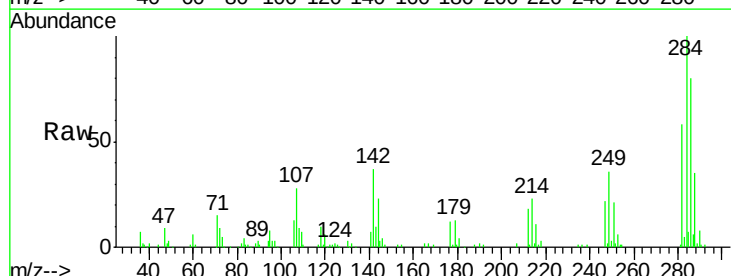
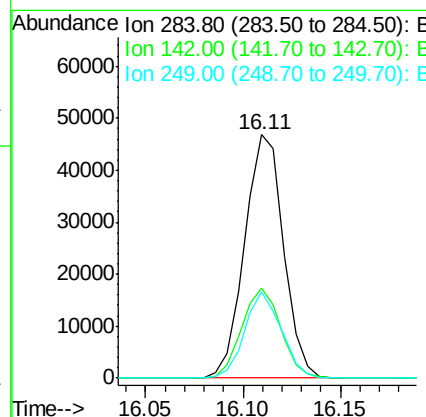
Manual Integrations  
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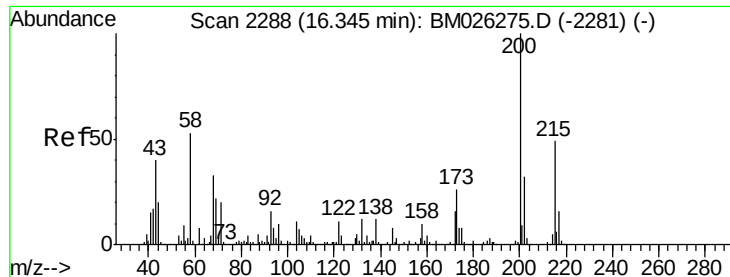
mohammad  
 6/22/2020 3:23:36 PM



#68  
 Hexachlorobenzene  
 Concen: 7.560 ng  
 RT: 16.11 min Scan# 2248  
 Delta R.T. -0.01 min  
 Lab File: BM026476.D  
 Acq: 19 Jun 2020 21:30

Tgt Ion:284 Resp: 64400  
 Ion Ratio Lower Upper  
 284 100  
 142 36.7 29.1 43.7  
 249 35.5 27.2 40.8





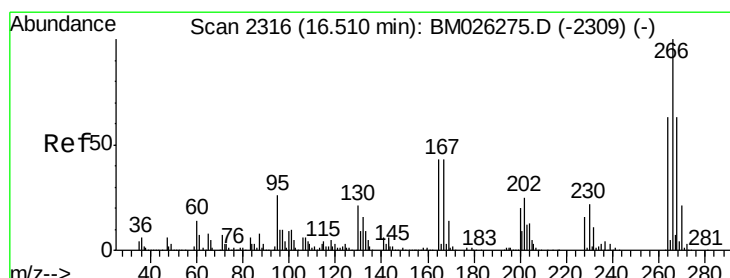
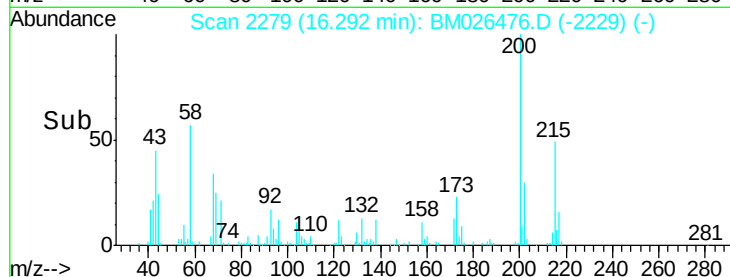
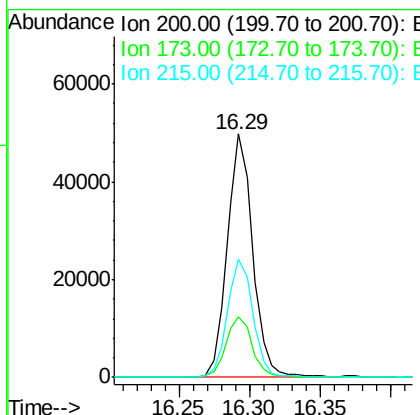
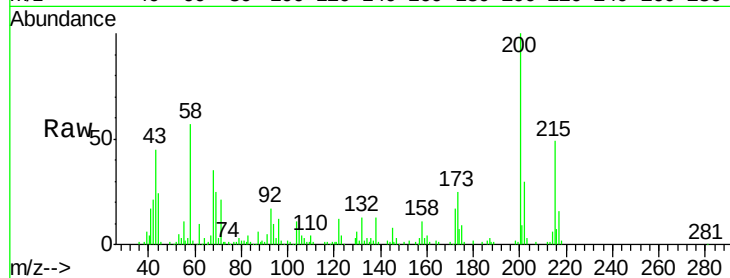
#69  
Atrazine  
Concen: 9.750 ng  
RT: 16.29 min Scan# 2279  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.0  | 6.6   | 46.6  |
| 215     | 48.6  | 29.8  | 69.8  |

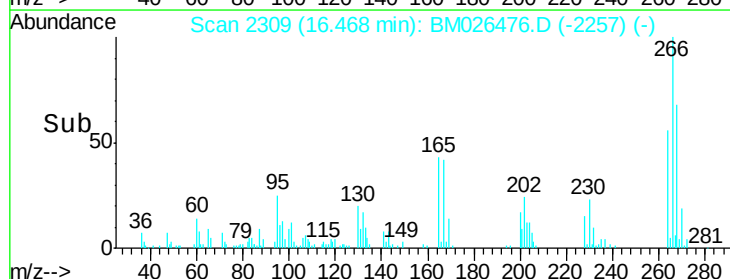
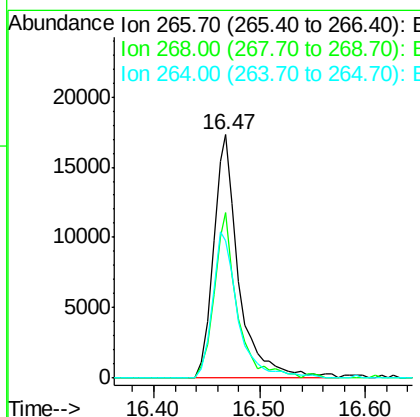
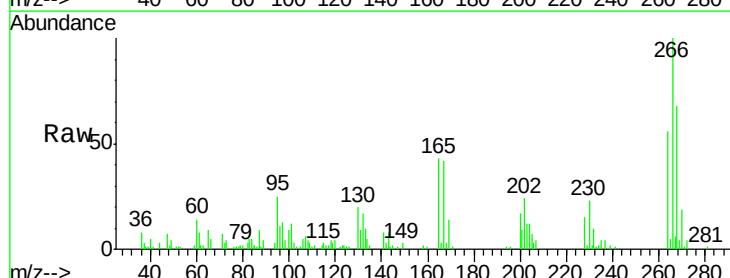
Manual Integrations  
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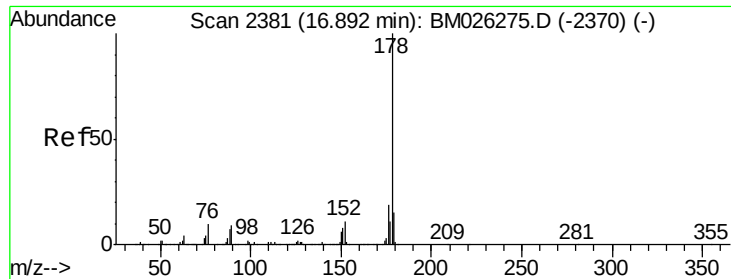
mohammad  
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#70  
Pentachlorophenol  
Concen: 5.633 ng  
RT: 16.47 min Scan# 2309  
Delta R.T. 0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 68.0  | 50.2  | 75.4  |
| 264     | 56.5  | 50.6  | 75.8  |





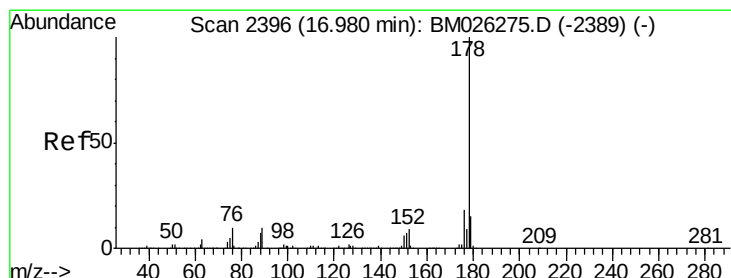
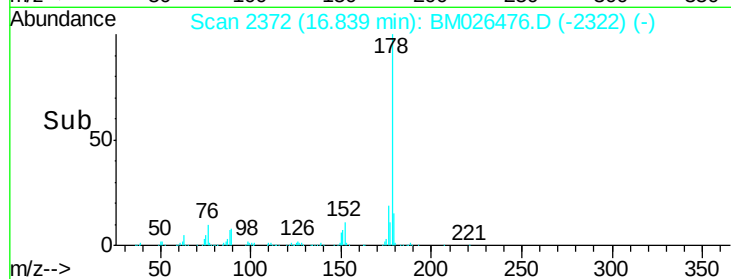
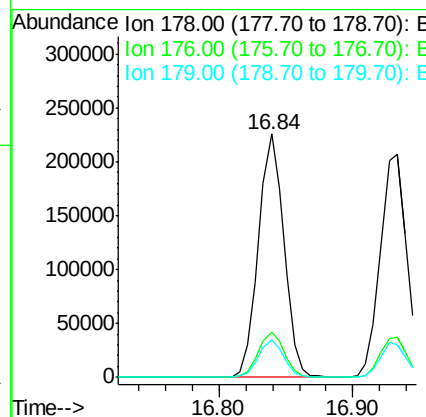
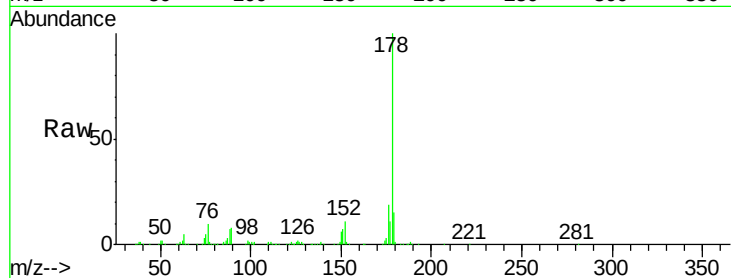
#71  
Phenanthrene  
Concen: 7.682 ng  
RT: 16.84 min Scan# 2372  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.1  | 22.7  |
| 179     | 15.4  | 12.3  | 18.5  |

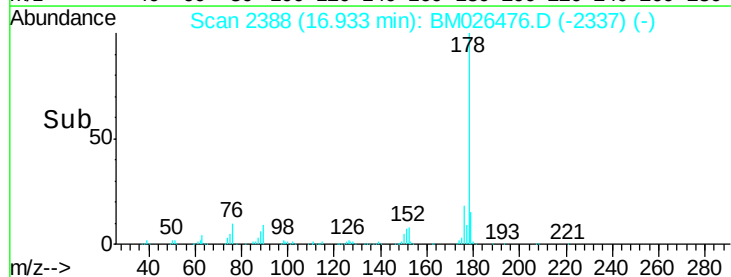
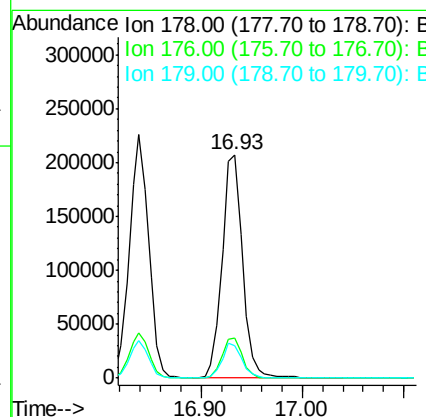
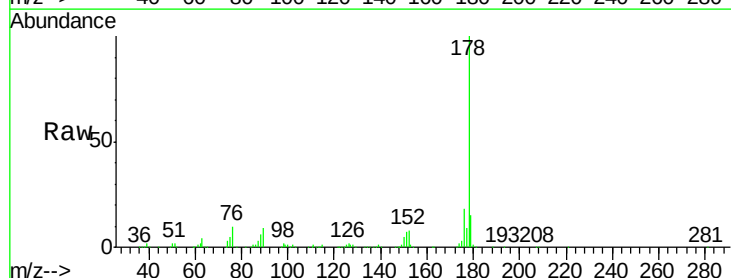
Manual Integrations  
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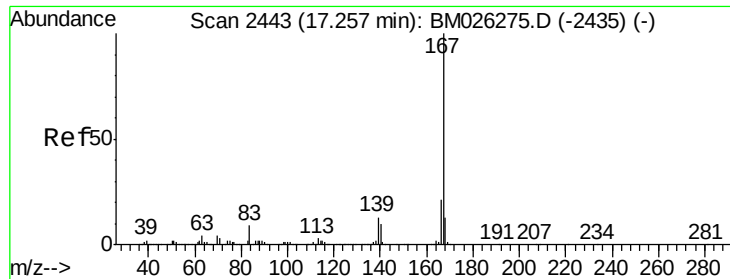


#72  
Anthracene  
Concen: 7.496 ng  
RT: 16.93 min Scan# 2388  
Delta R.T. 0.00 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.8  | 14.5  | 21.7  |
| 179     | 14.6  | 12.3  | 18.5  |







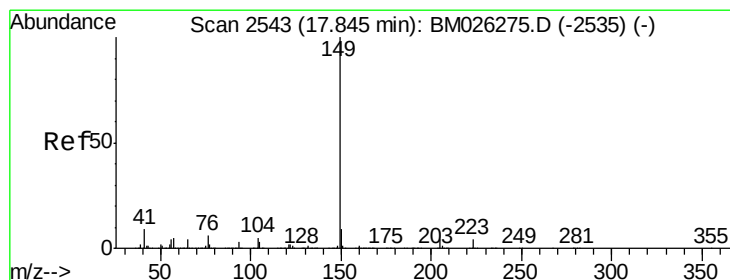
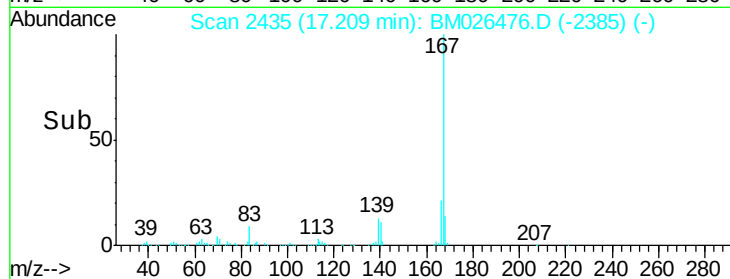
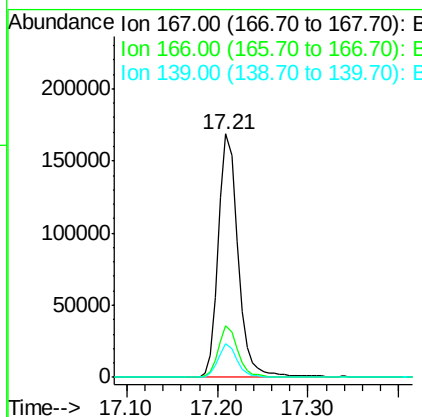
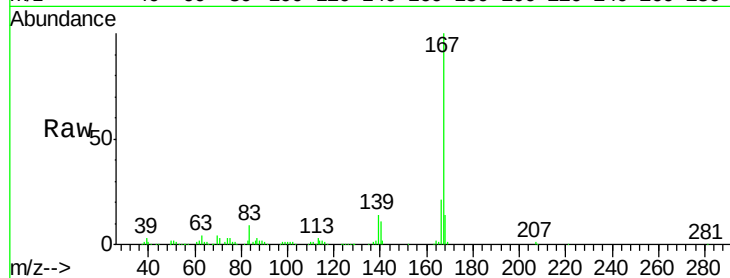
#73  
 Carbazole  
 Concen: 6.979 ng  
 RT: 17.21 min Scan# 2435  
 Delta R.T. -0.01 min  
 Lab File: BM026476.D  
 Acq: 19 Jun 2020 21:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.0  | 16.9  | 25.3  |
| 139     | 13.6  | 10.2  | 15.4  |

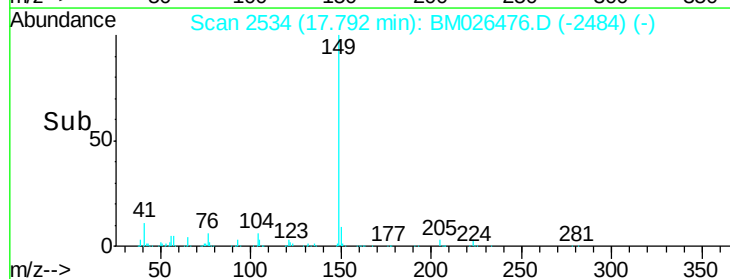
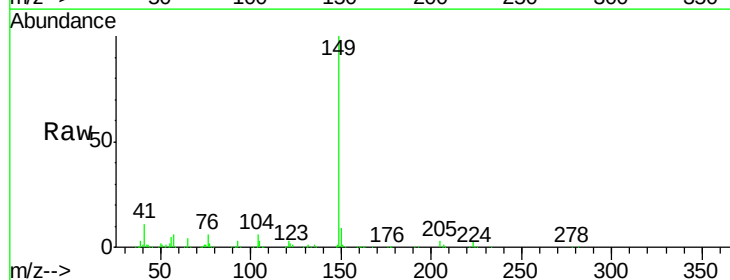
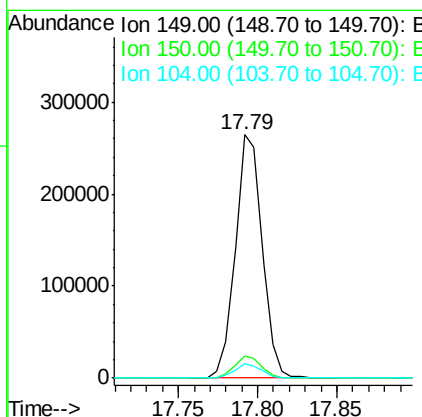
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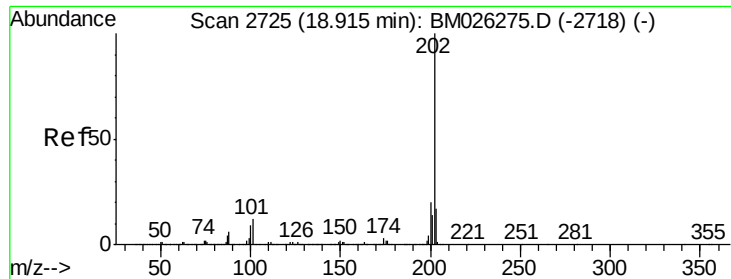
mohammad  
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#74  
 Di-n-butylphthalate  
 Concen: 7.194 ng  
 RT: 17.79 min Scan# 2534  
 Delta R.T. -0.01 min  
 Lab File: BM026476.D  
 Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.1   | 10.7  |
| 104     | 6.1   | 4.2   | 6.2   |





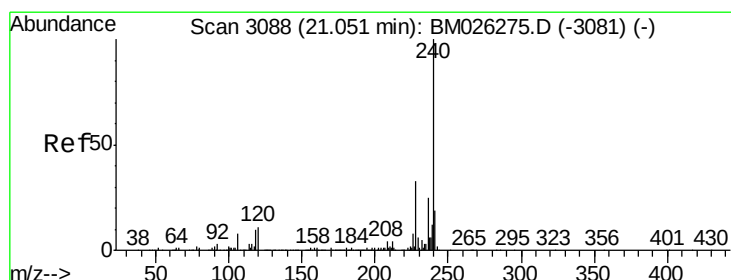
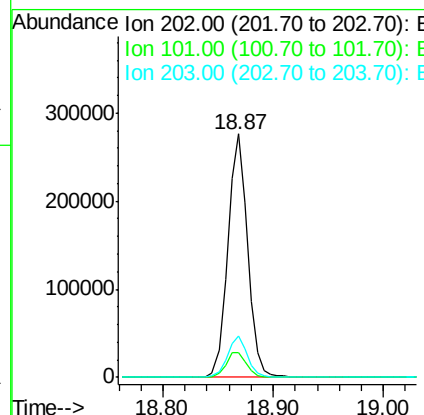
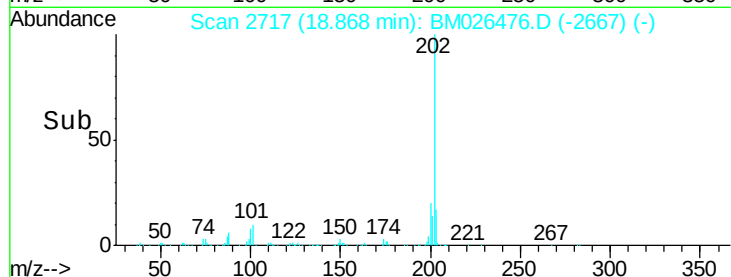
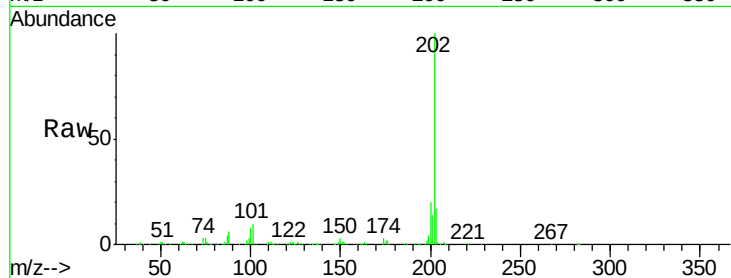
#75  
Fluoranthene  
Concen: 7.844 ng  
RT: 18.87 min Scan# 2717  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 10.3  | 0.0        | 31.9  |
| 203     | 17.1  | 0.0        | 37.5  |

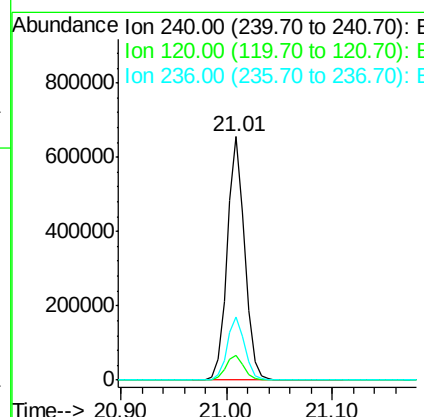
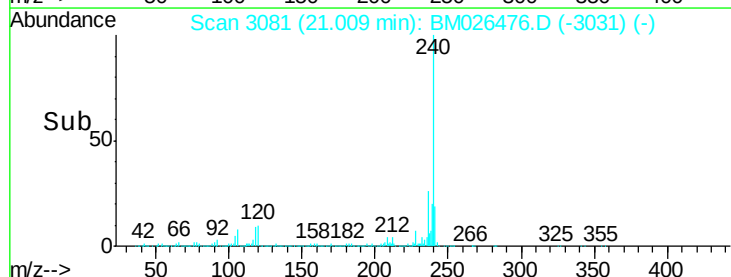
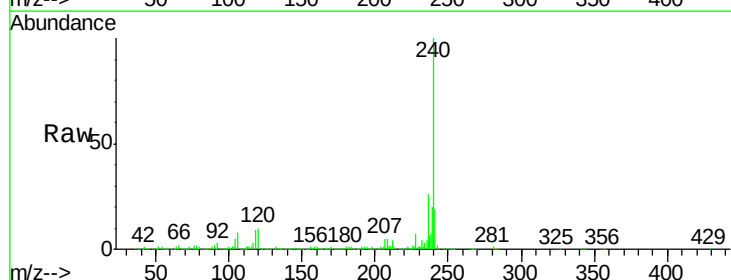
Manual Integrations  
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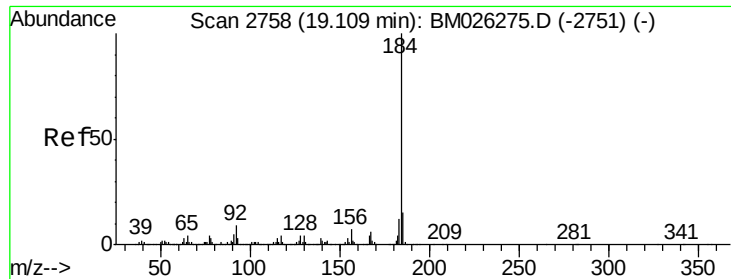
mohammad  
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.01 min Scan# 3081  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 10.1  | 9.3        | 13.9  |
| 236     | 25.9  | 19.4       | 29.0  |





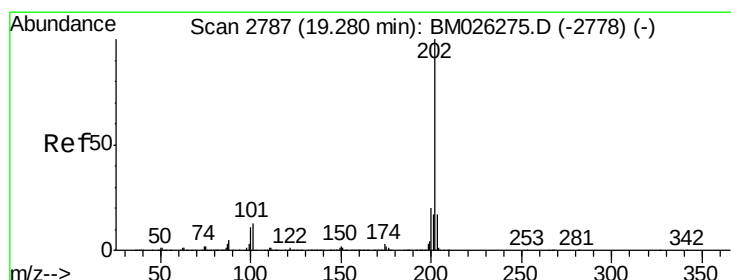
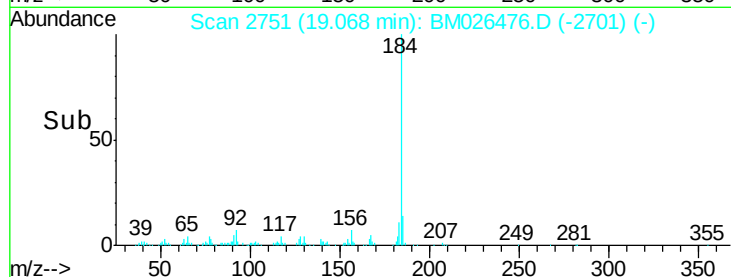
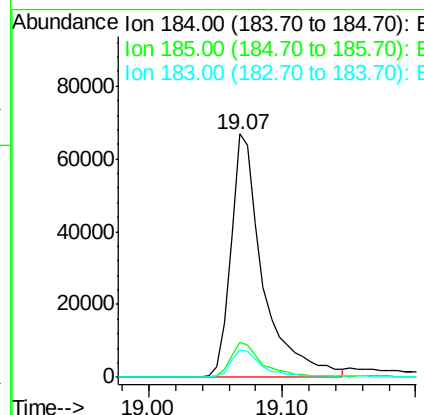
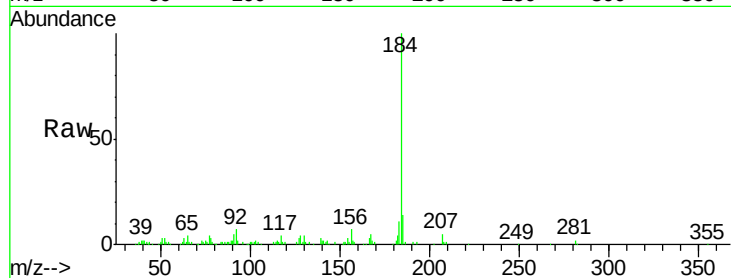
#77  
Benzidine  
Concen: 7.191 ng  
RT: 19.07 min Scan# 2751  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 14.3  | 11.2 | 16.8  |       |
| 183     | 11.0  | 9.4  | 14.2  |       |

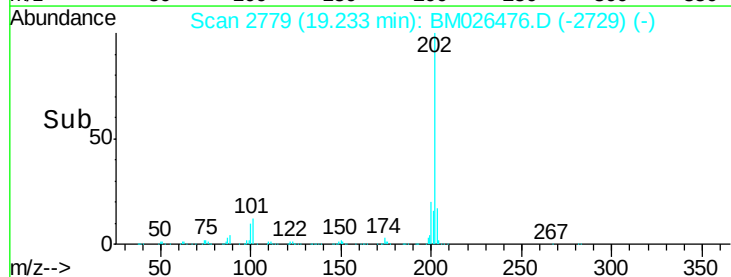
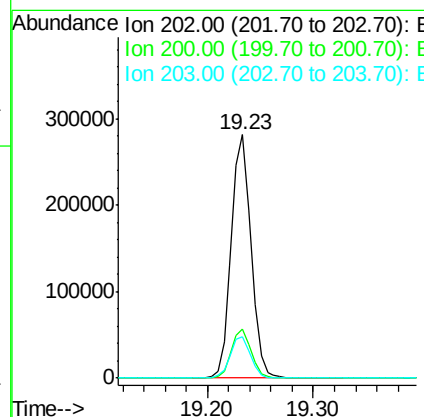
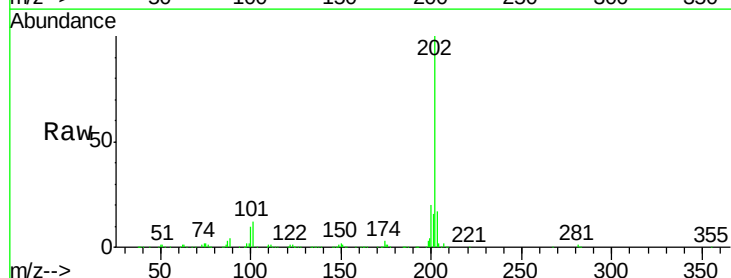
Manual Integrations  
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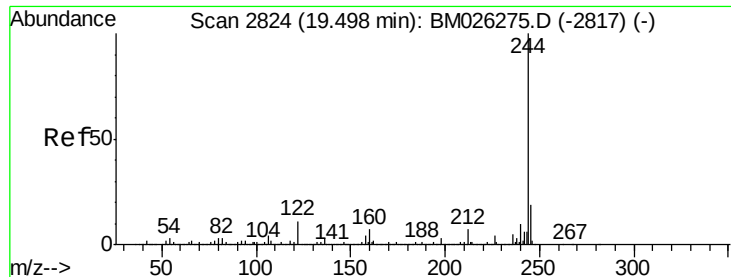
mohammad  
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#78  
Pyrene  
Concen: 7.326 ng  
RT: 19.23 min Scan# 2779  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 20.2  | 16.3 | 24.5  |       |
| 203     | 17.2  | 13.8 | 20.6  |       |





#79

Terphenyl-d14

Concen: 111.033 ng

RT: 19.46 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:244 Resp: 4308080

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

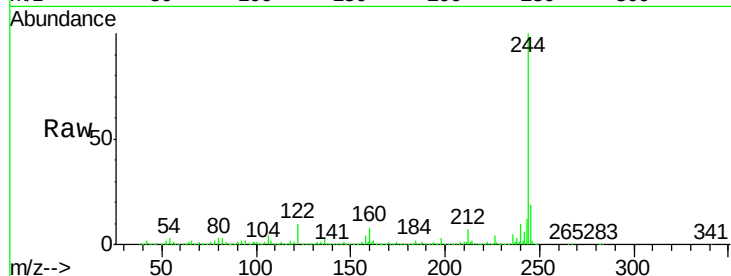
122 10.3 8.6 13.0

Manual Integrations

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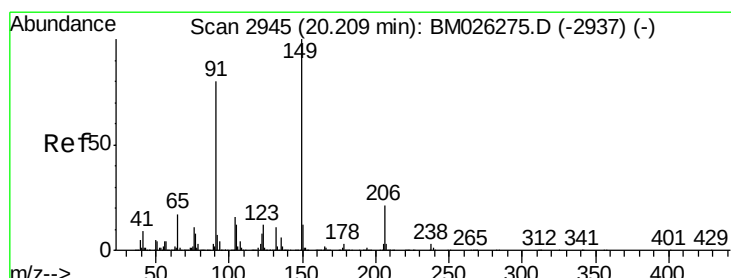
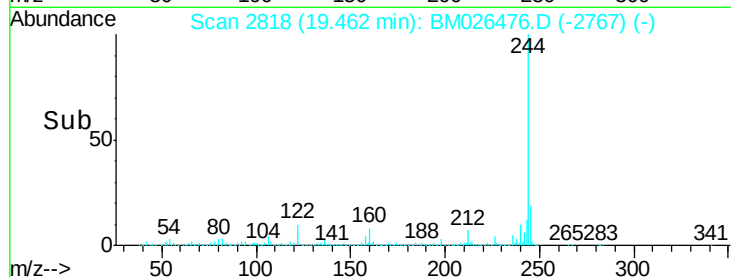
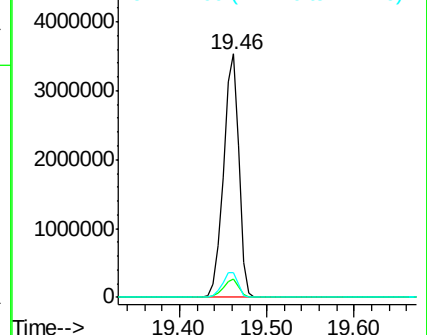
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 6.928 ng

RT: 20.17 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

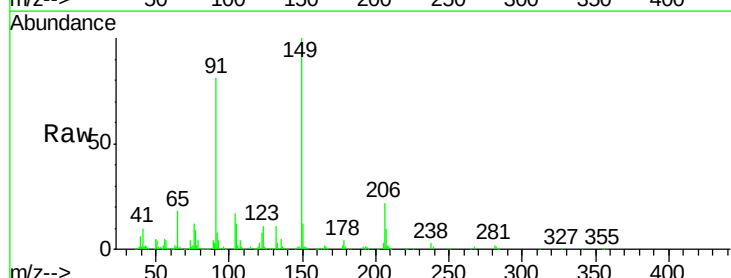
Tgt Ion:149 Resp: 139412

Ion Ratio Lower Upper

149 100

91 80.5 64.6 97.0

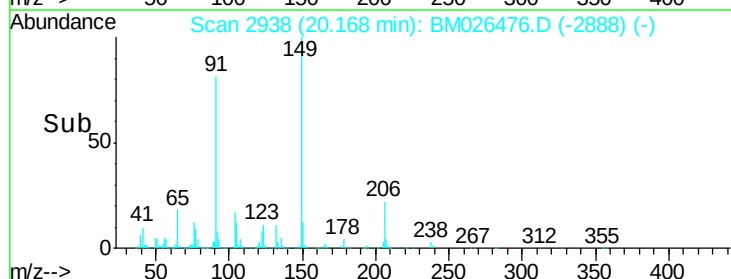
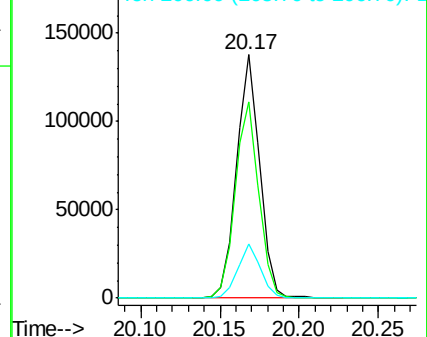
206 22.3 17.6 26.4

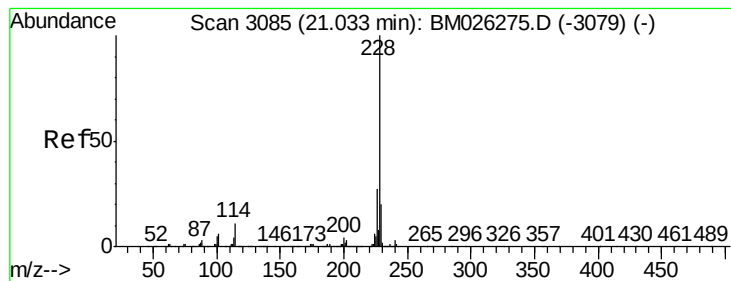


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.043 ng

RT: 20.99 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

Instrument :

BNA\_M

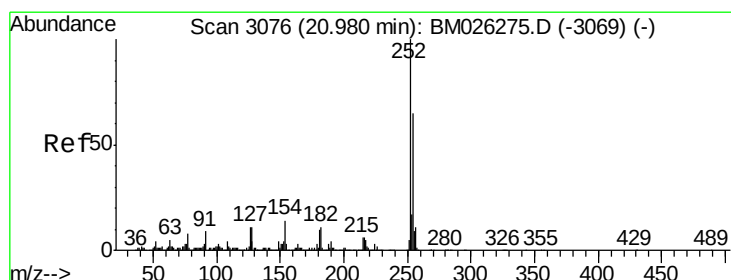
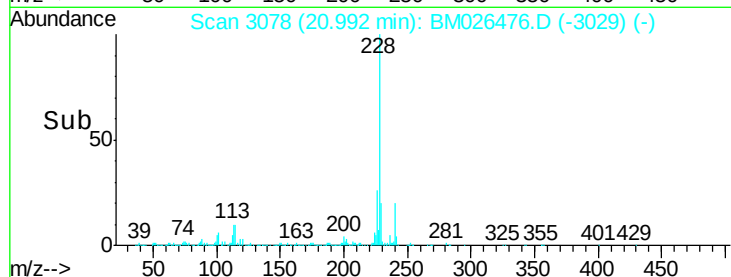
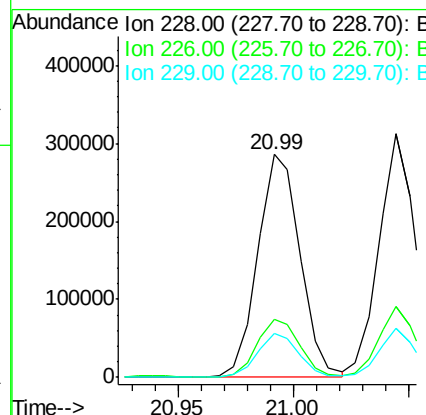
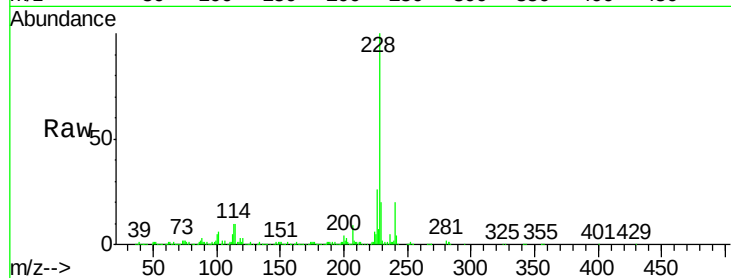
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 228  | Resp: | 363610 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 26.2 | 21.1  | 31.7   |
| 229       | 19.6 | 15.7  | 23.5   |

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#82

3,3'-Dichlorobenzidine

Concen: 9.324 ng

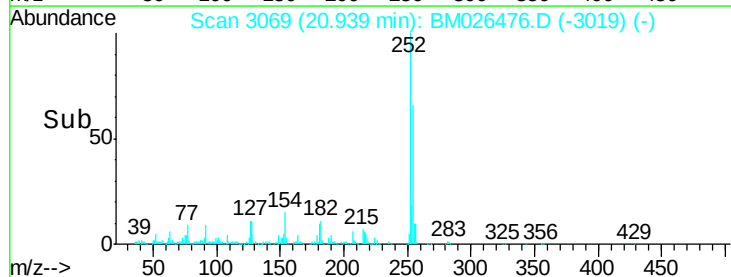
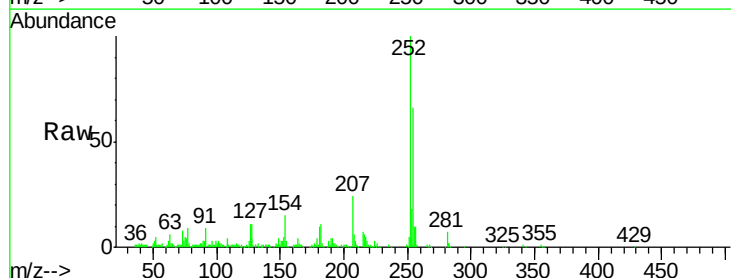
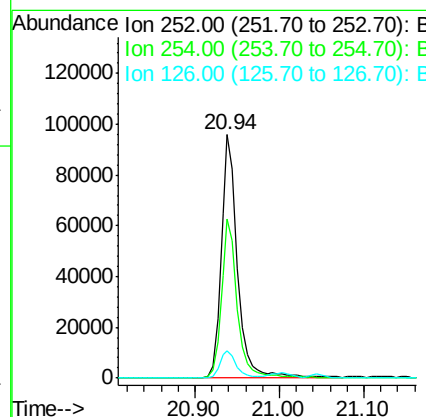
RT: 20.94 min Scan# 3069

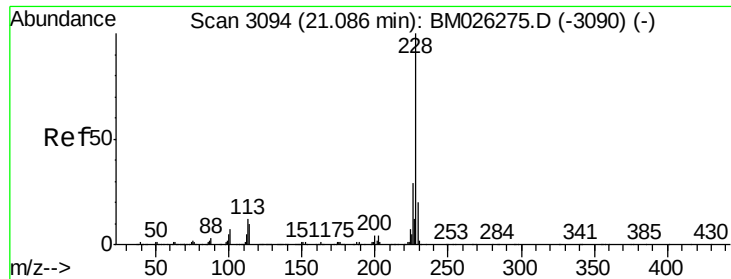
Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 130417 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 254       | 65.6 | 51.0  | 76.6   |
| 126       | 11.3 | 9.2   | 13.8   |





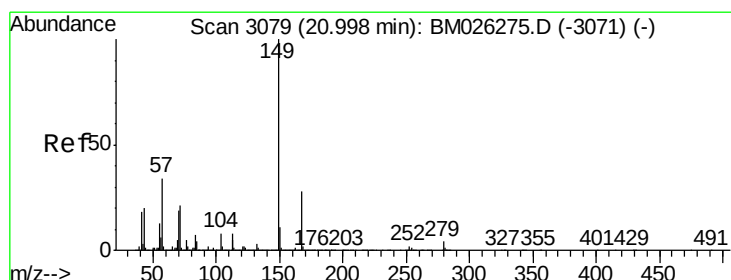
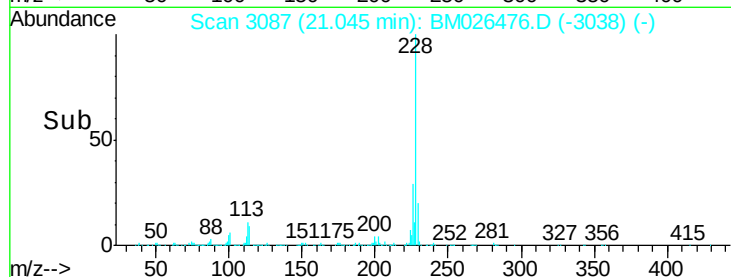
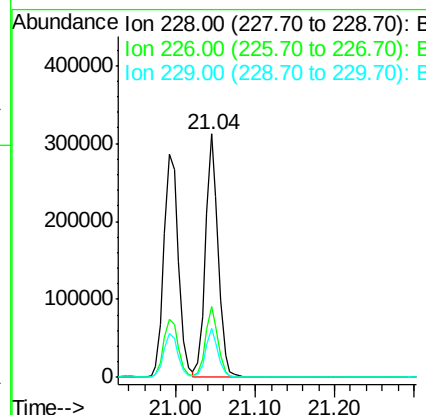
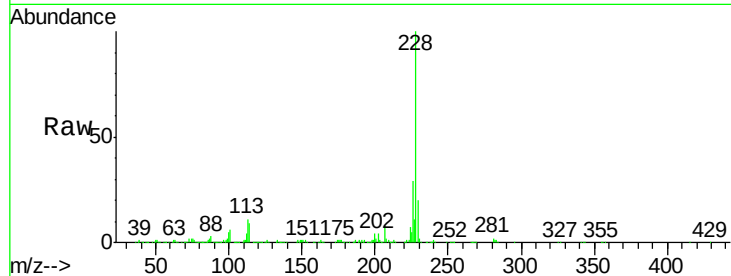
#83  
Chrysene  
Concen: 8.173 ng  
RT: 21.04 min Scan# 3087  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.1  | 23.8  | 35.6  |
| 229     | 20.2  | 15.5  | 23.3  |

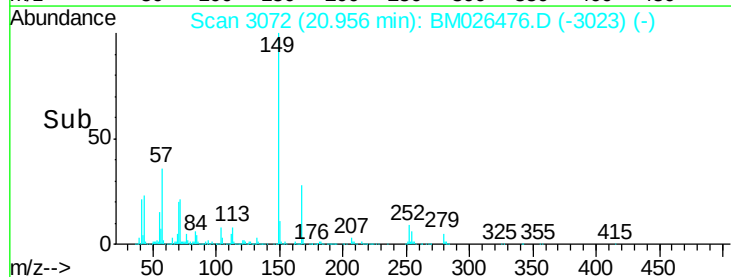
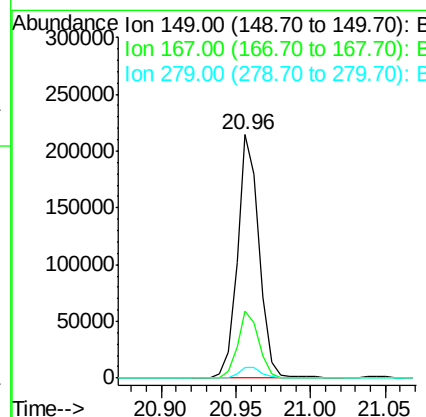
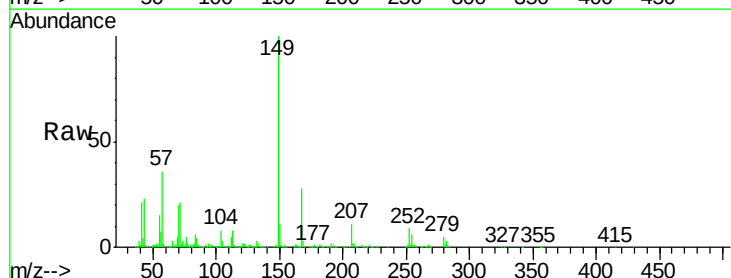
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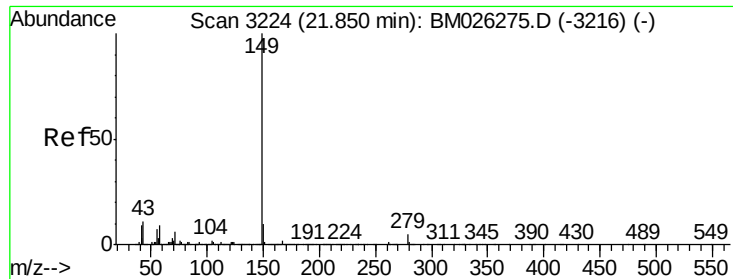
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 7.569 ng  
RT: 20.96 min Scan# 3072  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.7  | 22.0  | 33.0  |
| 279     | 4.6   | 3.7   | 5.5   |





#85

Di-n-octyl phthalate

Concen: 7.838 ng

RT: 21.80 min Scan# 3216

Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

Instrument :

BNA\_M

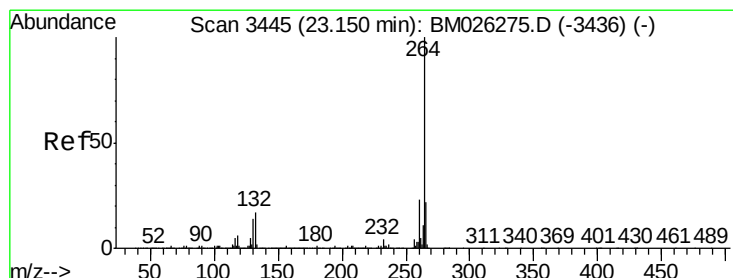
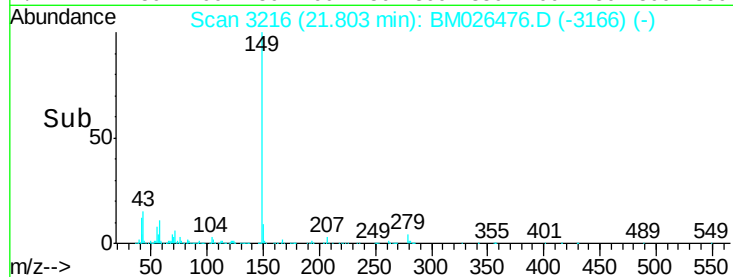
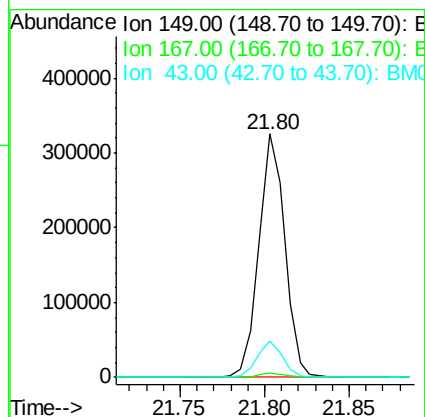
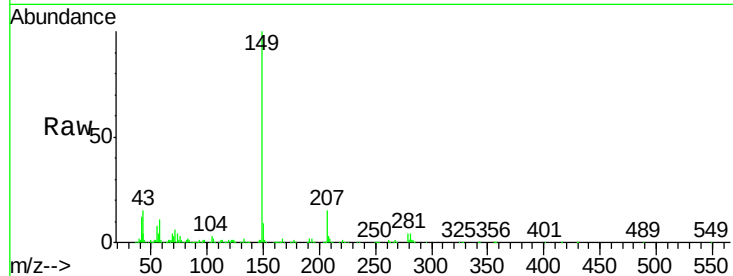
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 346934 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.7   | 1.3   | 1.9    |
| 43        | 14.6  | 10.3  | 15.5   |

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#86

Perylene-d12

Concen: 20.000 ng

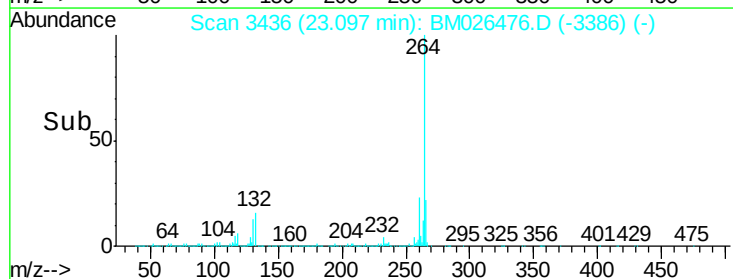
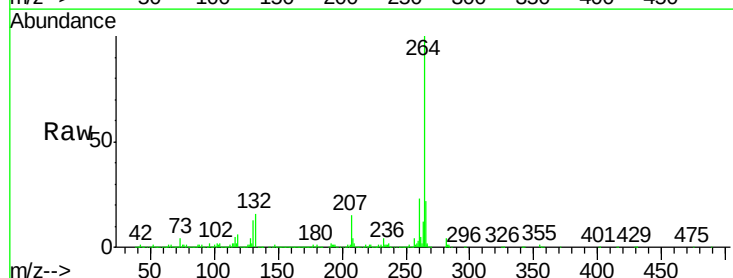
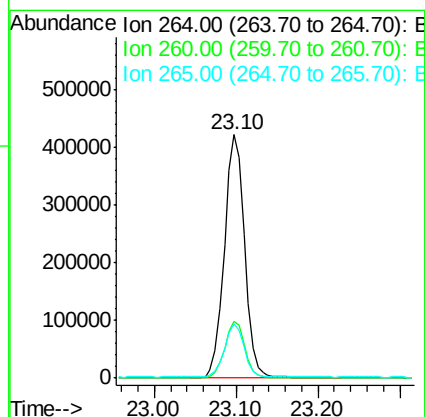
RT: 23.10 min Scan# 3436

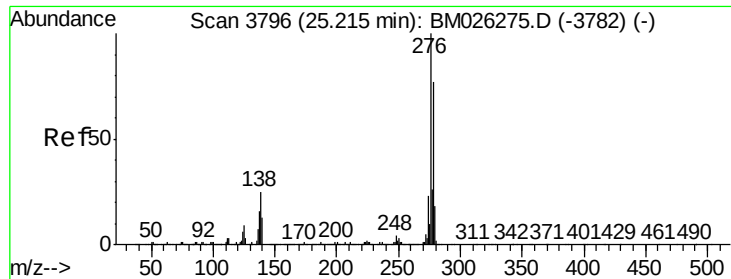
Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 728021 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.4  | 18.6  | 28.0   |
| 265       | 22.0  | 17.8  | 26.6   |





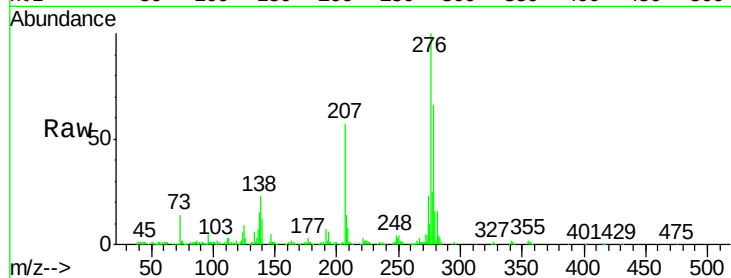
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 7.296 ng  
 RT: 25.13 min Scan# 3781  
 Delta R.T. -0.02 min  
 Lab File: BM026476.D  
 Acq: 19 Jun 2020 21:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.3  | 19.0  | 28.6  |
| 277     | 25.1  | 20.2  | 30.4  |

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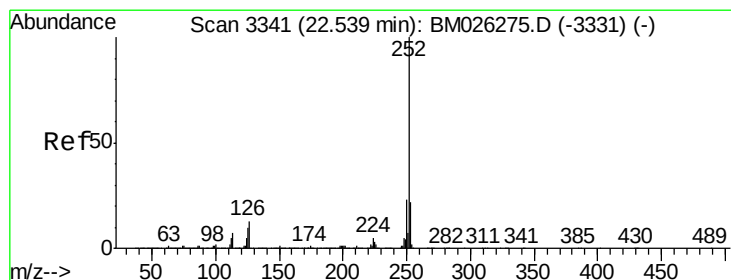
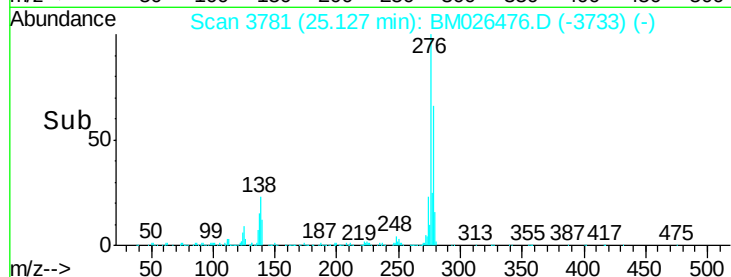
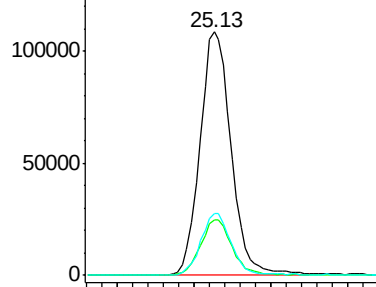


Abundance

Ion 276.00 (275.70 to 276.70): E

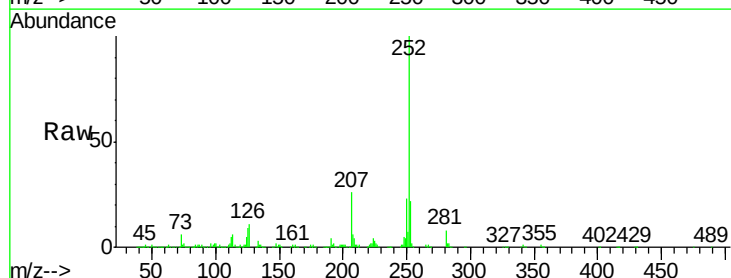
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88  
 Benzo(b)fluoranthene  
 Concen: 7.518 ng  
 RT: 22.49 min Scan# 3332  
 Delta R.T. -0.01 min  
 Lab File: BM026476.D  
 Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.6  | 26.4  |
| 125     | 8.8   | 8.0   | 12.0  |

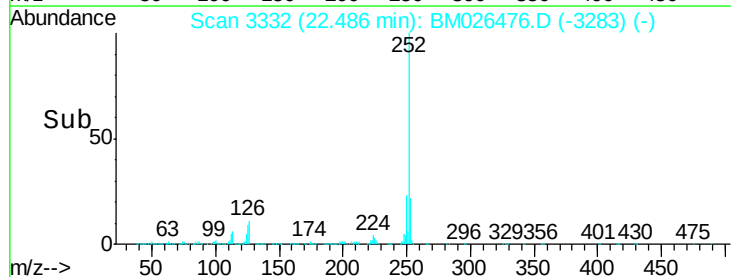
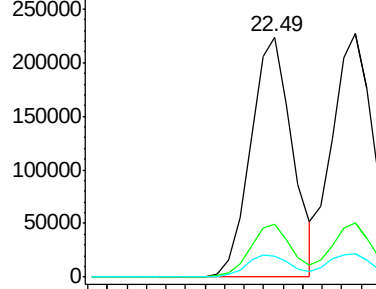


Abundance

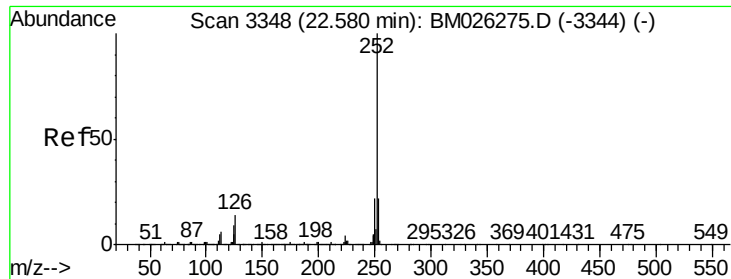
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







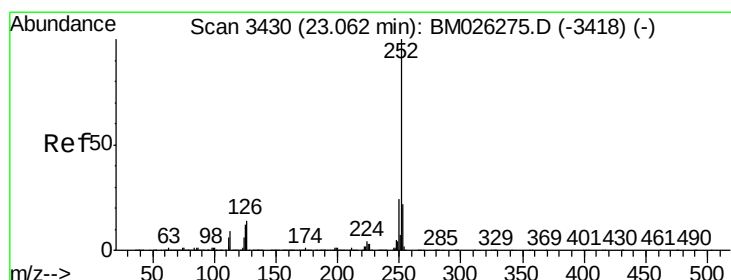
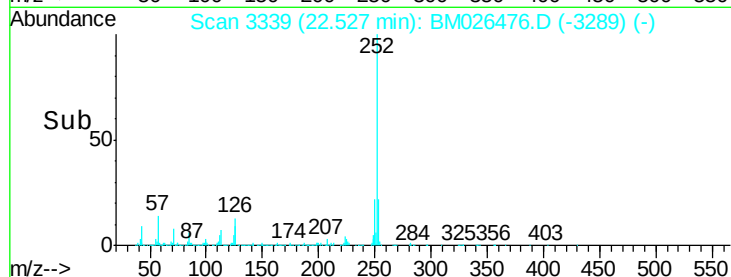
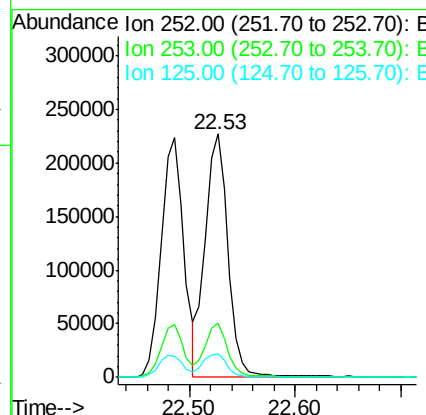
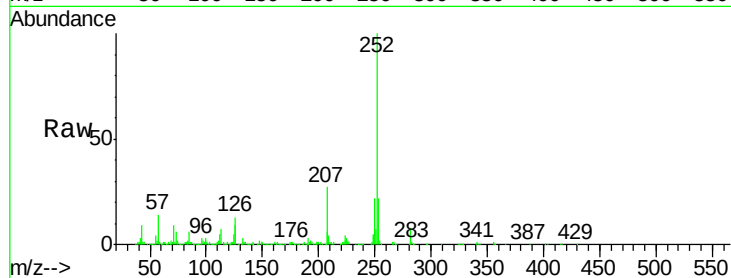
#89  
Benzo(k)fluoranthene  
Concen: 7.988 ng  
RT: 22.53 min Scan# 3339  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.2  | 25.8  |
| 125     | 9.4   | 7.8   | 11.8  |

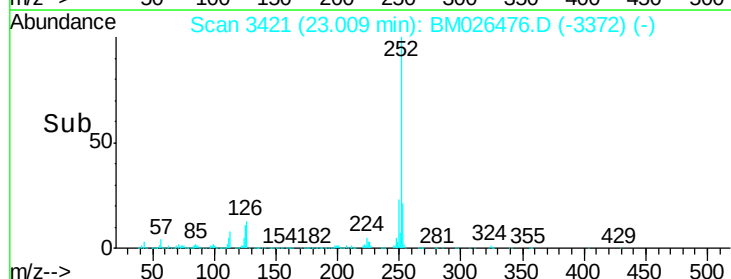
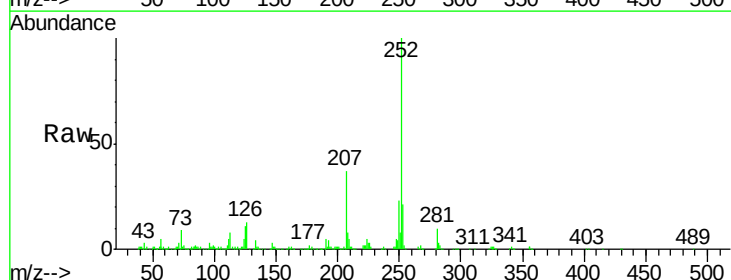
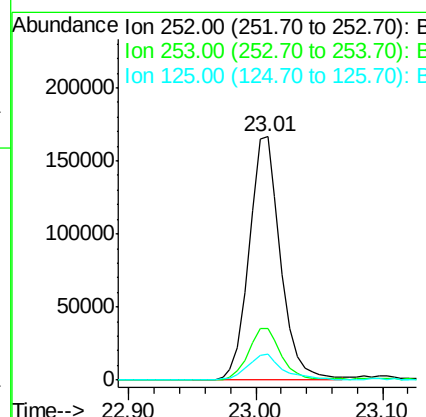
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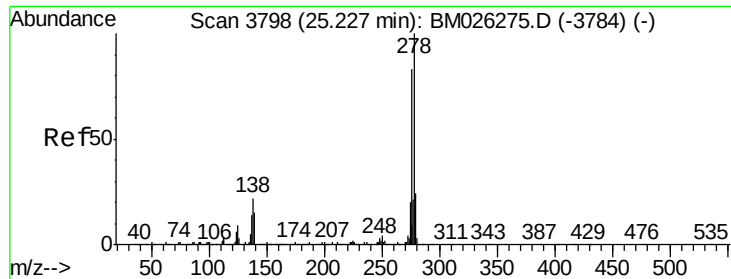
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#90  
Benzo(a)pyrene  
Concen: 7.325 ng  
RT: 23.01 min Scan# 3421  
Delta R.T. -0.01 min  
Lab File: BM026476.D  
Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.2  | 17.3  | 25.9  |
| 125     | 10.7  | 8.6   | 12.8  |





#91

Dibenzo(a,h)anthracene

Concen: 7.388 ng

RT: 25.14 min Scan# 3783

Delta R.T. -0.02 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

Instrument :

BNA\_M

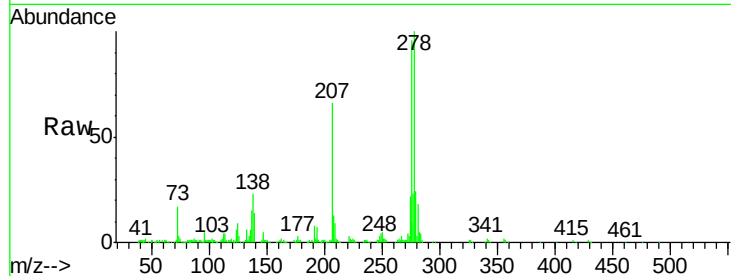
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

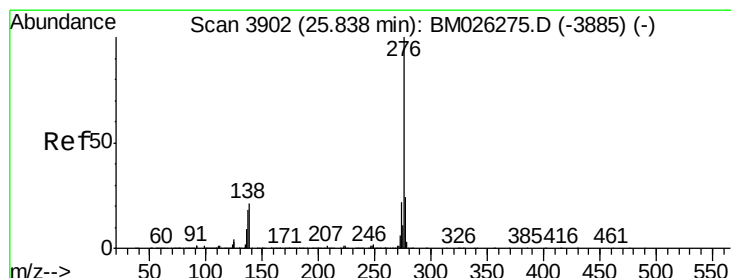
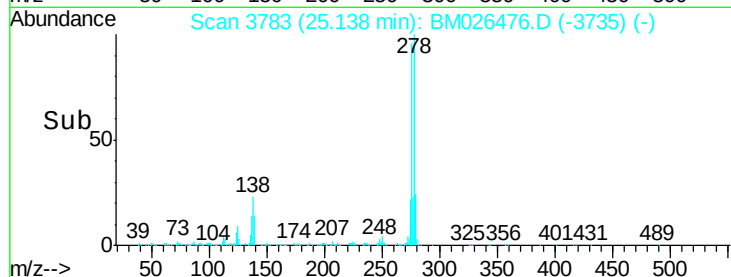
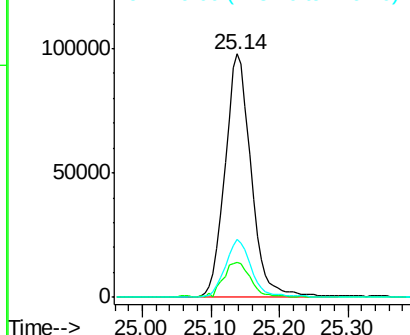
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.3  | 12.3  | 18.5  |
| 279     | 23.7  | 18.9  | 28.3  |

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Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 7.508 ng

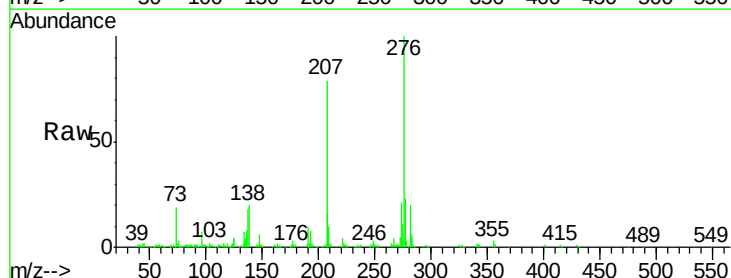
RT: 25.75 min Scan# 3887

Delta R.T. -0.01 min

Lab File: BM026476.D

Acq: 19 Jun 2020 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.7  | 19.0  | 28.4  |
| 138     | 20.0  | 16.2  | 24.4  |



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

