

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\  
 Data File : BM026475.D  
 Acq On : 19 Jun 2020 20:53  
 Operator : JU/CG  
 Sample : L2182-01  
 Misc : LOD-MDL-S-5PPM  
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations  
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mohammad  
 6/22/2020 3:23:34 PM

Quant Time: Jun 20 06:38:35 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  | 87164    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.15 | 136  | 385288   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.04 | 164  | 276092   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.80 | 188  | 644669   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.01 | 240  | 676946   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.10 | 264  | 711636   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.02  | 112 | 760675  | 154.30 | ng | 0.00 |
| 7) Phenol-d6             | 6.59  | 99  | 1141704 | 159.93 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.53  | 82  | 892245  | 113.70 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.55 | 330 | 658844  | 197.00 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.66 | 172 | 2058826 | 113.20 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.46 | 244 | 3823406 | 109.64 | ng | 0.00 |

## Target Compounds

|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.00  | 88  | 11040 | 4.967 | ng | 99     |
| 3) Pyridine                    | 3.42  | 79  | 23841 | 3.652 | ng | # 94   |
| 4) n-Nitrosodimethylamine      | 3.32  | 42  | 14984 | 4.636 | ng | # 77   |
| 6) Aniline                     | 6.73  | 93  | 43896 | 4.688 | ng | 92     |
| 8) 2-Chlorophenol              | 6.96  | 128 | 26506 | 4.661 | ng | 91     |
| 9) Benzaldehyde                | 6.55  | 77  | 26850 | 5.898 | ng | 96     |
| 10) Phenol                     | 6.62  | 94  | 35162 | 4.625 | ng | 85     |
| 11) bis(2-Chloroethyl)ether    | 6.83  | 93  | 29618 | 4.837 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 7.27  | 146 | 29017 | 4.609 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.42  | 146 | 31265 | 4.875 | ng | 93     |
| 14) 1,2-Dichlorobenzene        | 7.73  | 146 | 29656 | 4.734 | ng | 96     |
| 15) Benzyl Alcohol             | 7.65  | 79  | 24212 | 3.994 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.93  | 45  | 56711 | 4.959 | ng | 99     |
| 17) 2-Methylphenol             | 7.85  | 107 | 21691 | 3.904 | ng | 92     |
| 18) Hexachloroethane           | 8.44  | 117 | 11497 | 4.734 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.20  | 70  | 27178 | 4.885 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.17  | 107 | 30633 | 4.045 | ng | 96     |
| 22) Acetophenone               | 8.21  | 105 | 47862 | 4.831 | ng | 94     |
| 24) Nitrobenzene               | 8.57  | 77  | 43850 | 5.338 | ng | 96     |
| 25) Isophorone                 | 9.10  | 82  | 72890 | 4.944 | ng | 100    |
| 26) 2-Nitrophenol              | 9.28  | 139 | 13382 | 4.116 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 9.36  | 122 | 13774 | 2.684 | ng | 86     |
| 28) bis(2-Chloroethoxy)methane | 9.59  | 93  | 42324 | 5.060 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 9.82  | 162 | 23652 | 4.200 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.02 | 180 | 30183 | 4.888 | ng | 93     |
| 31) Naphthalene                | 10.19 | 128 | 95047 | 4.895 | ng | 99     |
| 32) Benzoic acid               | 9.46  | 122 | 4399m | 1.154 | ng |        |
| 33) 4-Chloroaniline            | 10.33 | 127 | 36281 | 4.284 | ng | 95     |
| 34) Hexachlorobutadiene        | 10.49 | 225 | 18450 | 4.733 | ng | 95     |
| 35) Caprolactam                | 11.10 | 113 | 9668  | 4.887 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 11.46 | 107 | 31607 | 4.606 | ng | 97     |
| 37) 2-Methylnaphthalene        | 11.82 | 142 | 71638 | 5.178 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.05 | 142 | 69935 | 5.336 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.20 | 216 | 40123 | 5.105 | ng | 99     |

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 Misc : LOD-MDL-S-5PPM  
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations  
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Quant Time: Jun 20 06:38:35 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  | 7433     | 1.605 | ng    | 92       |
| 43) 2,4,6-Trichlorophenol      | 12.46 | 196  | 21573    | 4.055 | ng    | 95       |
| 44) 2,4,5-Trichlorophenol      | 12.54 | 196  | 25603    | 4.146 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 12.86 | 154  | 100954   | 5.216 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 12.90 | 162  | 74387    | 4.731 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.12 | 65   | 23489    | 3.770 | ng    | 90       |
| 49) Acenaphthylene             | 13.76 | 152  | 120503   | 4.792 | ng    | 99       |
| 50) Dimethylphthalate          | 13.52 | 163  | 100045   | 4.954 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 13.63 | 165  | 20581    | 4.644 | ng    | 96       |
| 52) Acenaphthene               | 14.10 | 154  | 74016    | 4.903 | ng    | 98       |
| 53) 3-Nitroaniline             | 13.97 | 138  | 15861    | 3.214 | ng    | 89       |
| 54) 2,4-Dinitrophenol          | 14.20 | 184  | 5025     | 1.866 | ng    | # 75     |
| 55) Dibenzofuran               | 14.44 | 168  | 123592   | 5.081 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.32 | 139  | 8917     | 2.279 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 14.43 | 165  | 25302    | 4.107 | ng    | # 83     |
| 58) Fluorene                   | 15.10 | 166  | 97167    | 4.918 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.69 | 232  | 24696    | 4.676 | ng    | 100      |
| 60) Diethylphthalate           | 14.90 | 149  | 102554   | 4.986 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.11 | 204  | 52090    | 4.971 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.14 | 138  | 14594m   | 2.773 | ng    |          |
| 63) Azobenzene                 | 15.40 | 77   | 108752   | 4.832 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.22 | 198  | 11988    | 3.058 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.33 | 169  | 84807    | 4.541 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.00 | 248  | 30713    | 4.328 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.11 | 284  | 36104    | 4.875 | ng    | 96       |
| 69) Atrazine                   | 16.29 | 200  | 33238    | 5.957 | ng    | 96       |
| 70) Pentachlorophenol          | 16.47 | 266  | 13372    | 2.999 | ng    | 92       |
| 71) Phenanthrene               | 16.84 | 178  | 163791   | 4.879 | ng    | 99       |
| 72) Anthracene                 | 16.93 | 178  | 155316   | 4.636 | ng    | 98       |
| 73) Carbazole                  | 17.22 | 167  | 137180   | 4.317 | ng    | 99       |
| 74) Di-n-butylphthalate        | 17.80 | 149  | 166002   | 4.430 | ng    | 99       |
| 75) Fluoranthene               | 18.87 | 202  | 192367   | 4.998 | ng    | 99       |
| 77) Benzidine                  | 19.07 | 184  | 51006    | 3.627 | ng    | 98       |
| 78) Pyrene                     | 19.23 | 202  | 204409   | 4.570 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.17 | 149  | 74194    | 4.102 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.00 | 228  | 211140   | 5.196 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 20.94 | 252  | 70962    | 5.645 | ng    | 99       |
| 83) Chrysene                   | 21.04 | 228  | 203837   | 5.264 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 20.96 | 149  | 117112   | 4.541 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 21.80 | 149  | 192661   | 4.843 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene     | 25.13 | 276  | 192333   | 4.672 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.49 | 252  | 192229   | 4.490 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.53 | 252  | 211697   | 5.090 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.01 | 252  | 174169   | 4.581 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 25.14 | 278  | 159763   | 4.649 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 25.74 | 276  | 158390   | 4.843 | ng    | 99       |

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

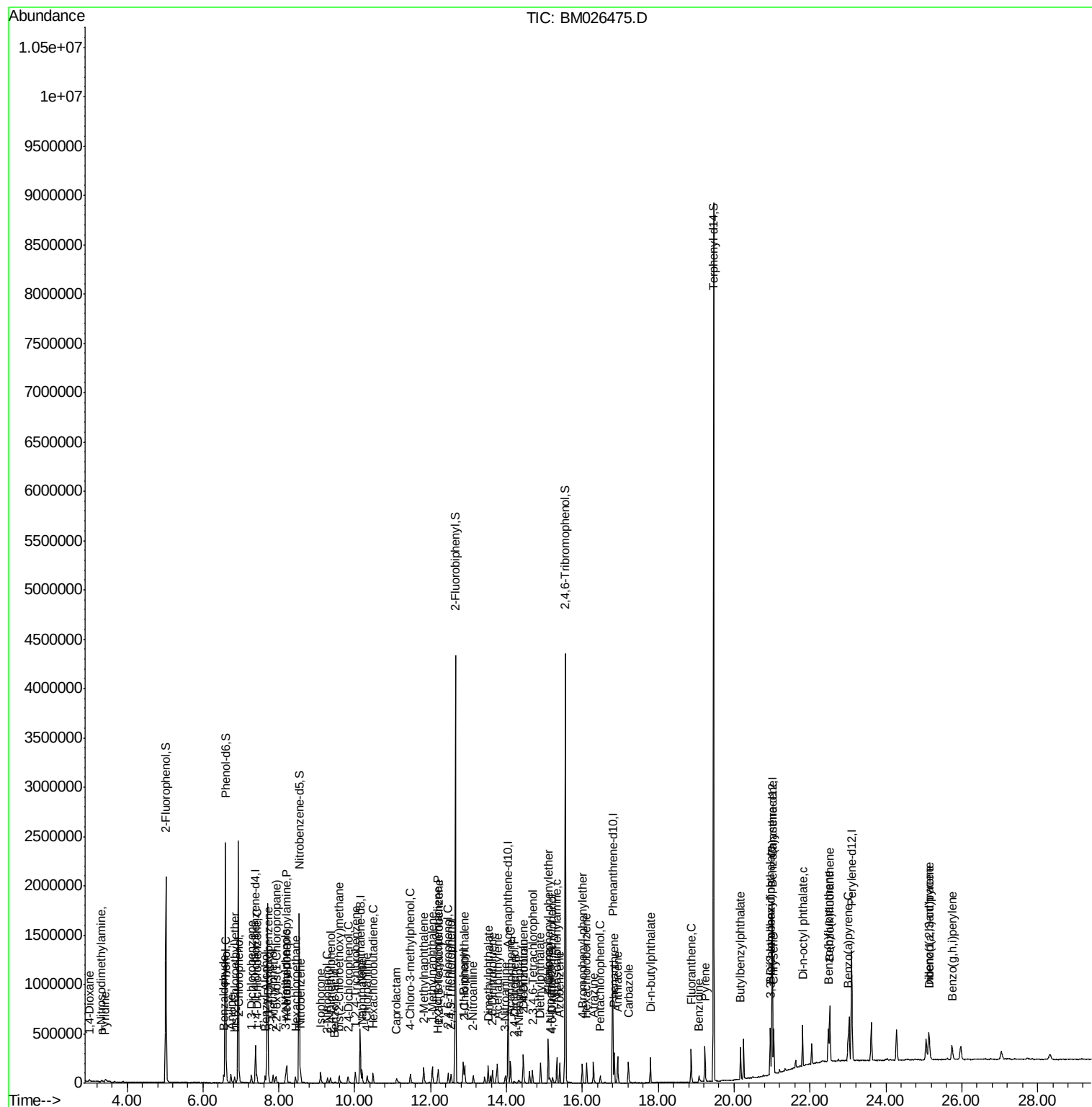
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\  
 Data File : BM026475.D  
 Acq On : 19 Jun 2020 20:53  
 Operator : JU/CG  
 Sample : L2182-01  
 Misc : LOD-MDL-S-5PPM  
 ALS Vial : 13 Sample Multiplier: 1

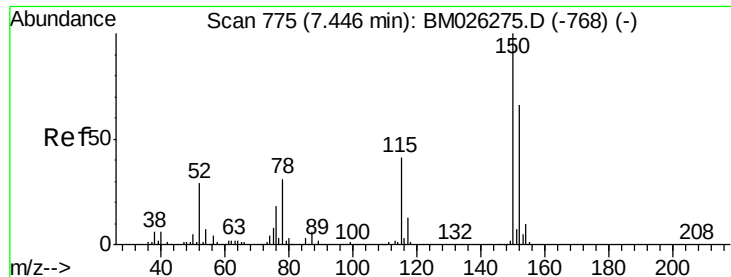
Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2020

Manual Integrations  
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Quant Time: Jun 20 06:38:35 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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#1

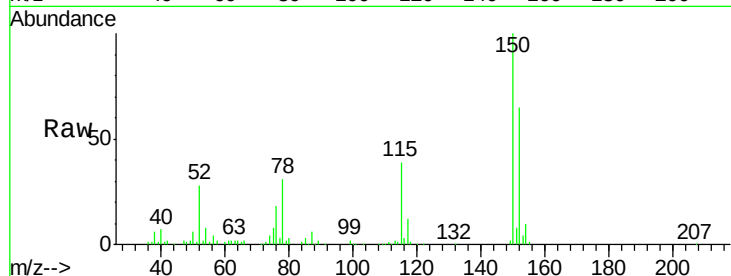
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.39 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.4 | 127.8 | 191.6 |
| 115     | 60.3  | 51.5  | 77.3  |

Manual Integrations  
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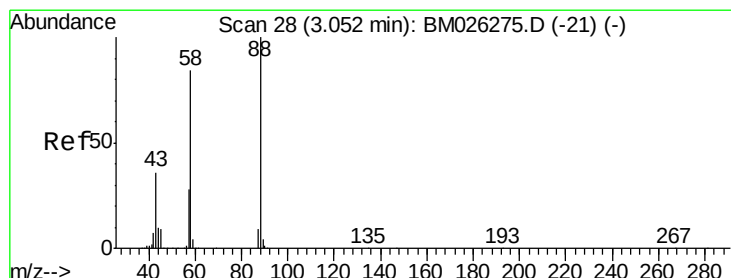
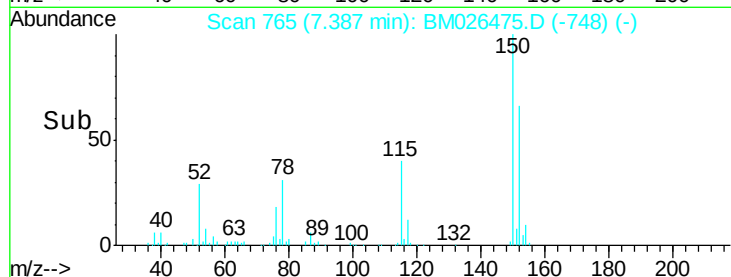
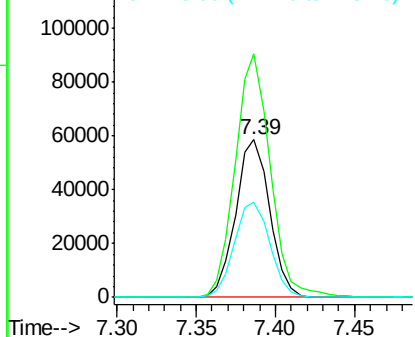


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

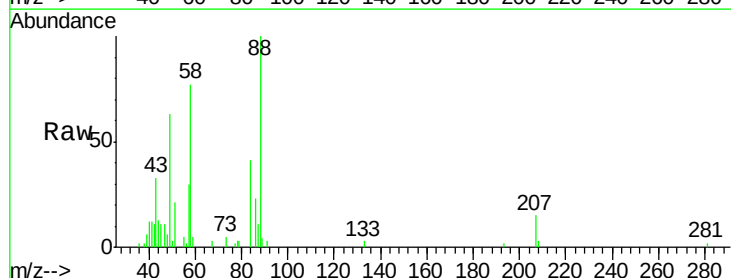
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 4.967 ng  
RT: 3.00 min Scan# 20  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 83.4  | 67.7  | 101.5 |
| 43      | 35.1  | 28.0  | 42.0  |

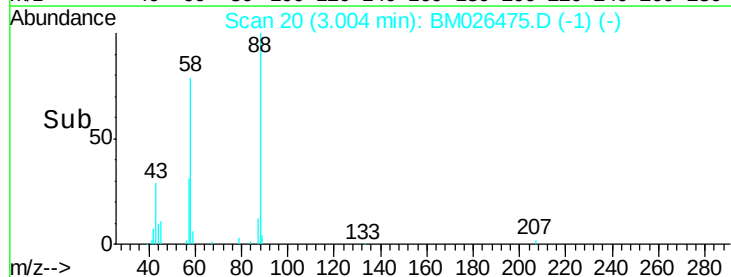
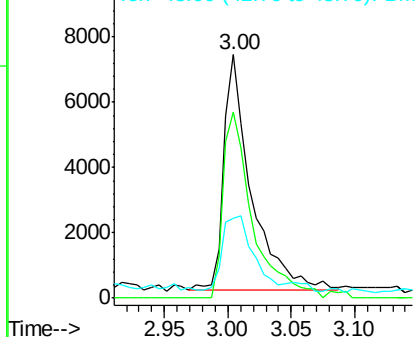


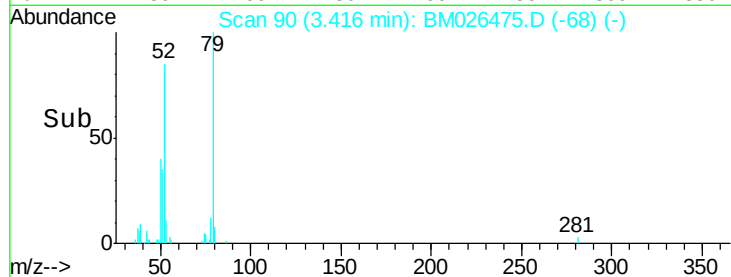
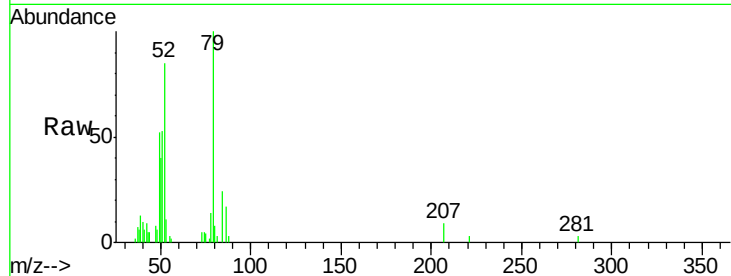
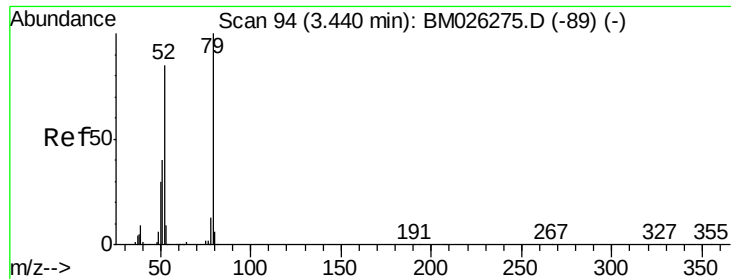
Abundance

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





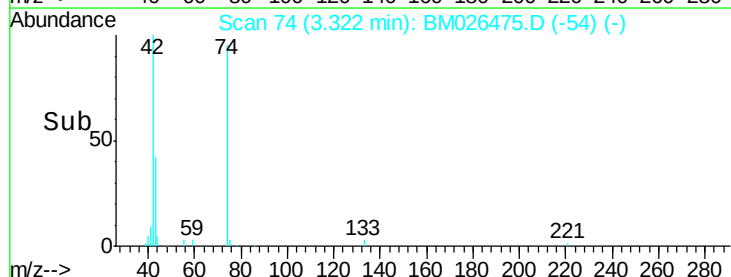
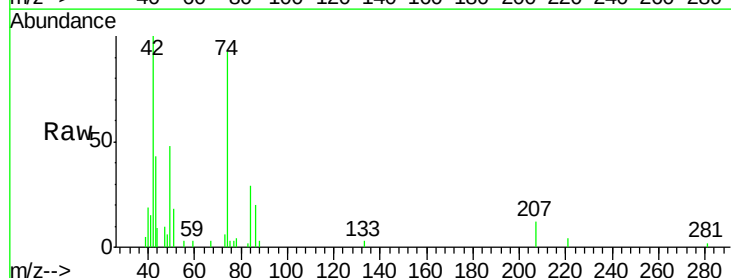
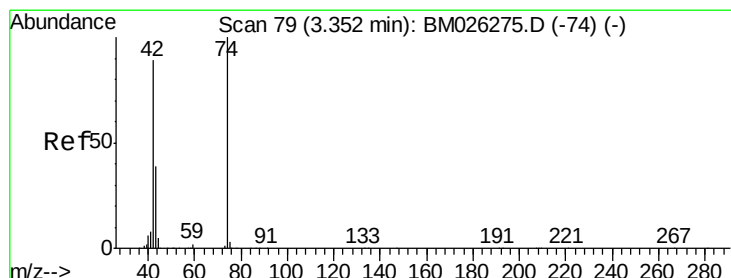
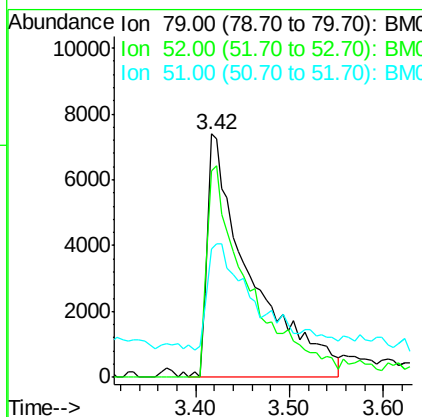
#3  
 Pvridine  
 Concen: 3.652 ng  
 RT: 3.42 min Scan# 90  
 Delta R.T. 0.03 min  
 Lab File: BM026475.D  
 Acq: 19 Jun 2020 20:53

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 79      | 100  |       | 23841 |       |       |
| 52      | 84.8 | 67.4  | 101.2 |       |       |
| 51      | 52.8 | 33.0  | 49.6  |       |       |

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

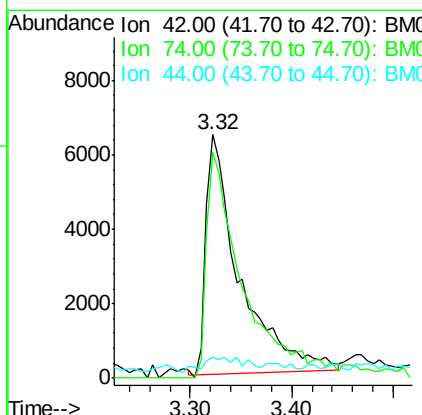
Manual Integrations  
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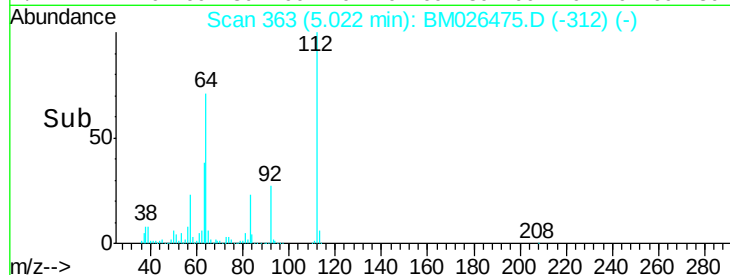
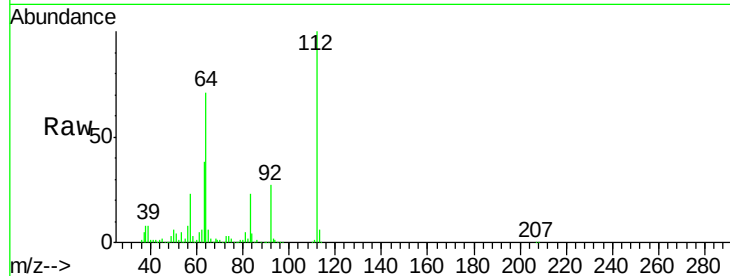
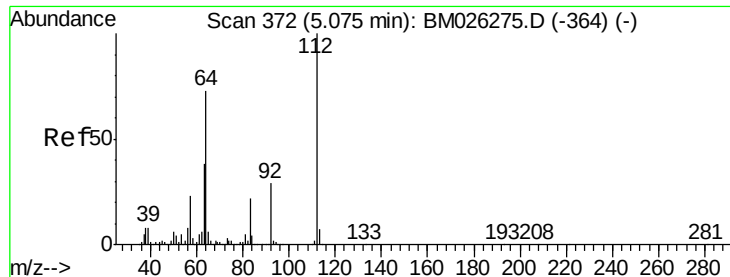
mohammad  
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#4  
 n-Nitrosodimethylamine  
 Concen: 4.636 ng  
 RT: 3.32 min Scan# 74  
 Delta R.T. 0.02 min  
 Lab File: BM026475.D  
 Acq: 19 Jun 2020 20:53

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 42      | 100  |       | 14984 |       |       |
| 74      | 92.9 | 95.4  | 143.2 |       |       |
| 44      | 8.5  | 5.9   | 8.9   |       |       |





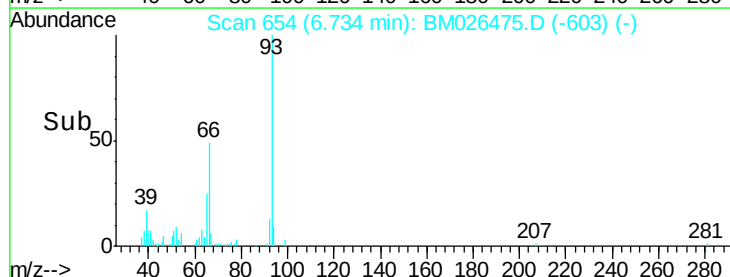
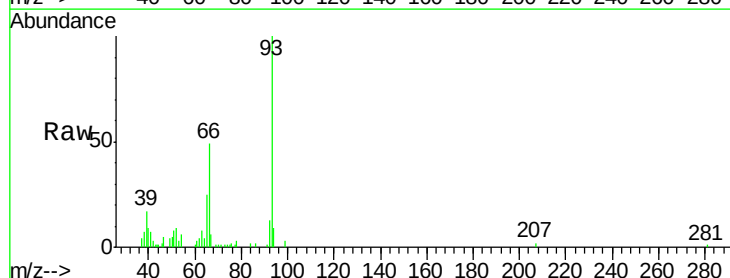
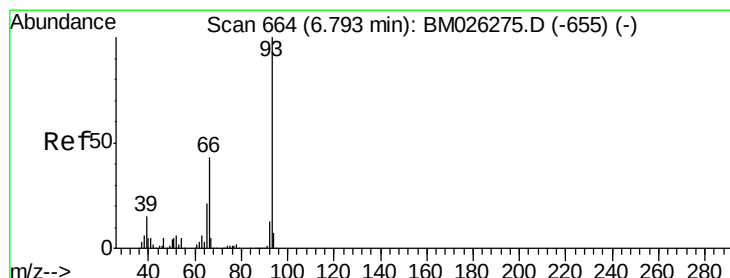
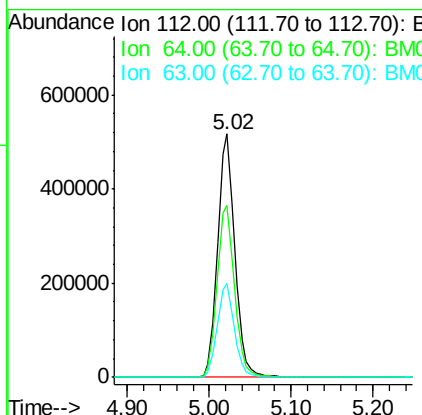
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2-Fluorophenol  
Concen: 154.296 ng  
RT: 5.02 min Scan# 363  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 760675 |       |       |
| 64      | 70.9  | 56.0   | 84.0  |       |
| 63      | 38.3  | 29.0   | 43.6  |       |

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

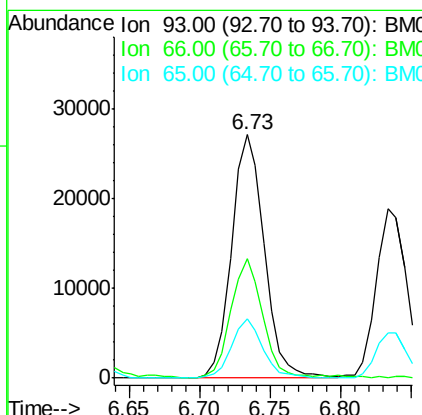
Manual Integrations  
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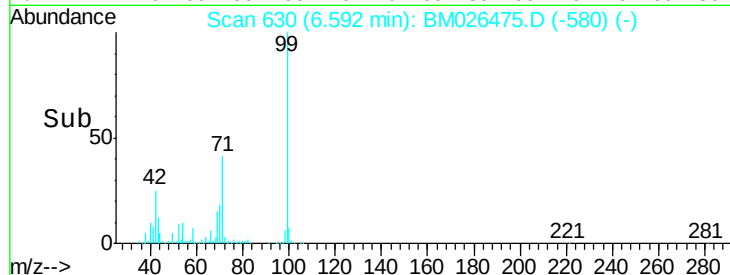
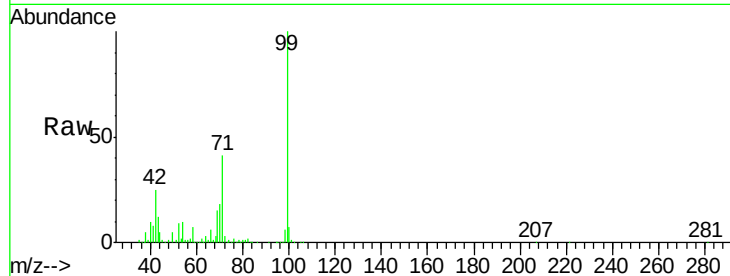
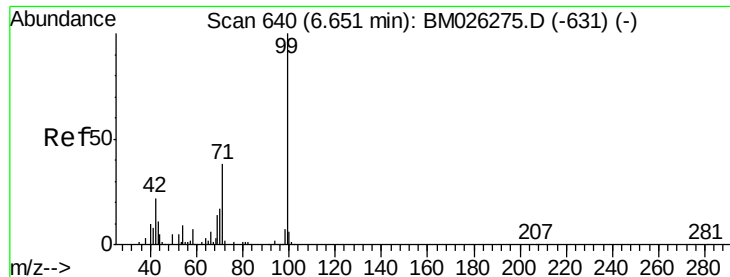
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#6  
Aniline  
Concen: 4.688 ng  
RT: 6.73 min Scan# 654  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 43896 |       |       |
| 66      | 48.8  | 34.1  | 51.1  |       |
| 65      | 24.5  | 17.5  | 26.3  |       |





#7

Phenol-d6

Concen: 159.927 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1141704 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 24.7  | 17.8  | 26.6    |
| 71       | 40.8  | 31.0  | 46.4    |

Instrument :

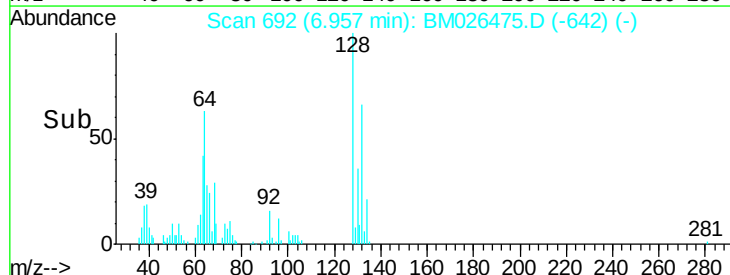
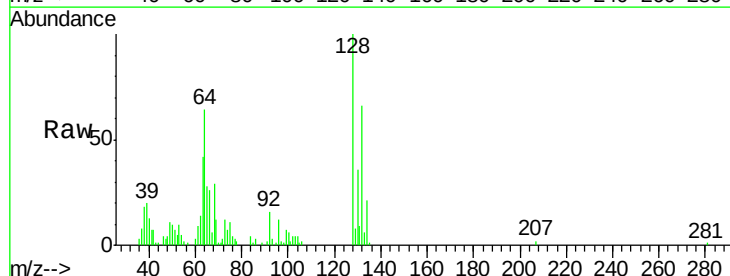
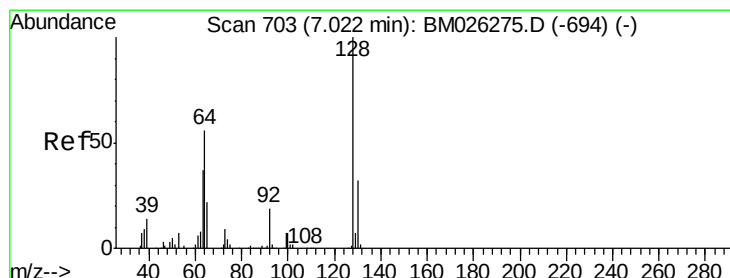
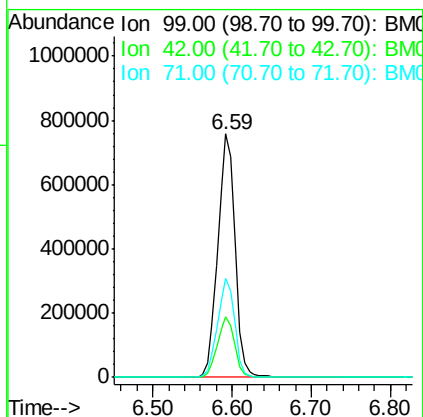
BNA\_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

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#8

2-Chlorophenol

Concen: 4.661 ng

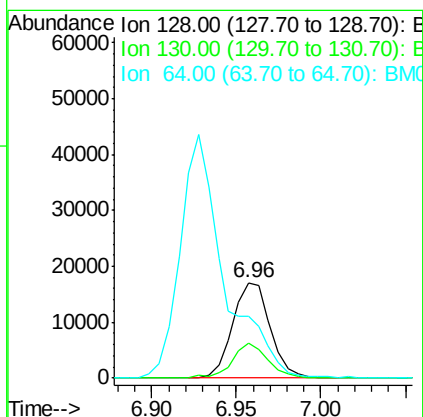
RT: 6.96 min Scan# 692

Delta R.T. -0.01 min

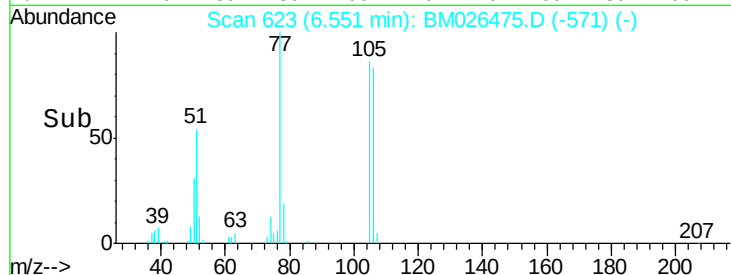
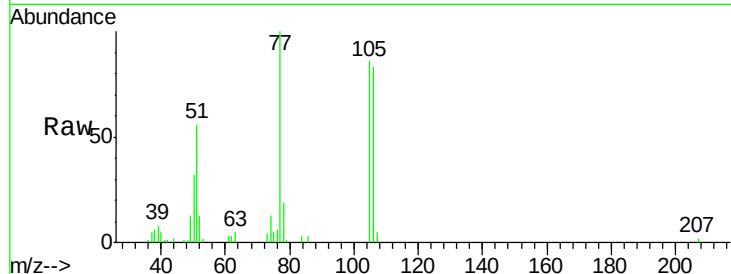
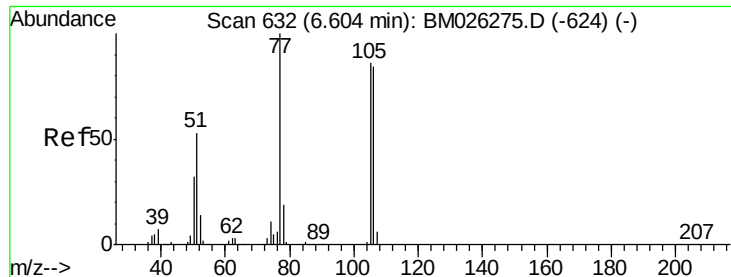
Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 26506 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 36.0  | 12.3  | 52.3  |
| 64       | 64.3  | 36.4  | 76.4  |







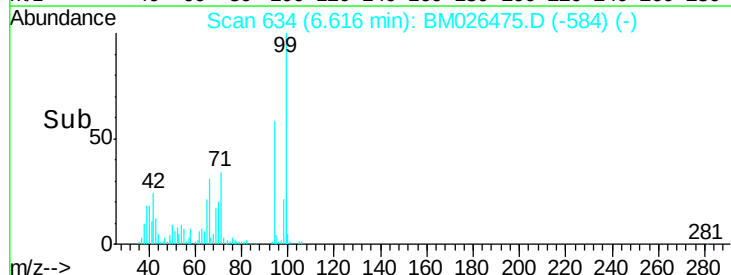
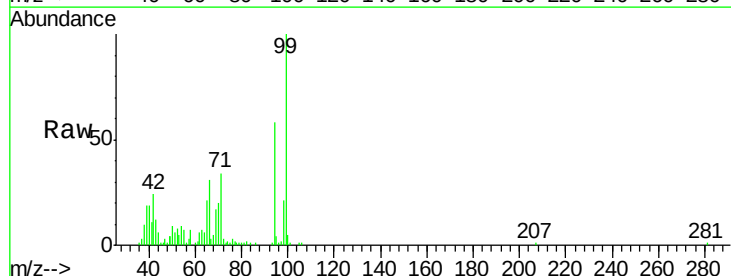
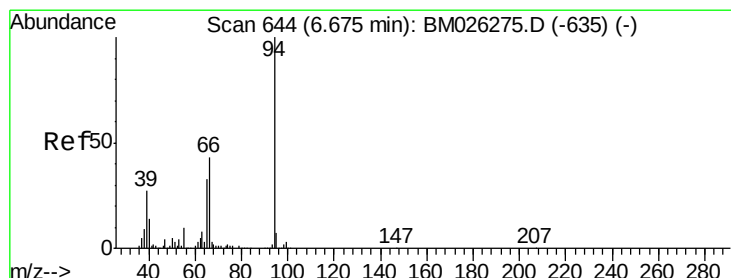
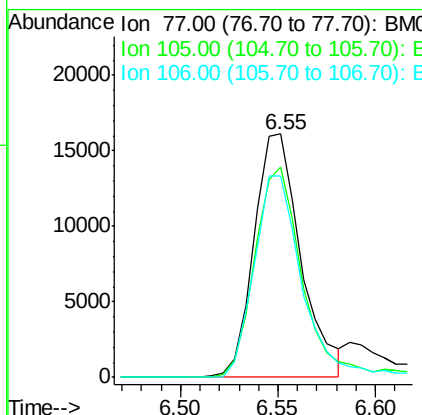
#9  
Benzaldehyde  
Concen: 5.898 ng  
RT: 6.55 min Scan# 623  
Delta R.T. 0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 77      | 100  |       |       |       |       |
| 105     | 86.4 | 71.5  | 111.5 |       |       |
| 106     | 82.7 | 64.7  | 104.7 |       |       |

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

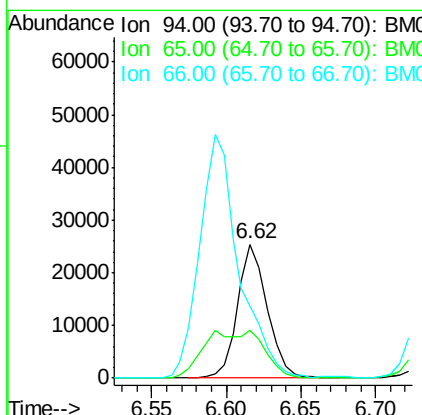
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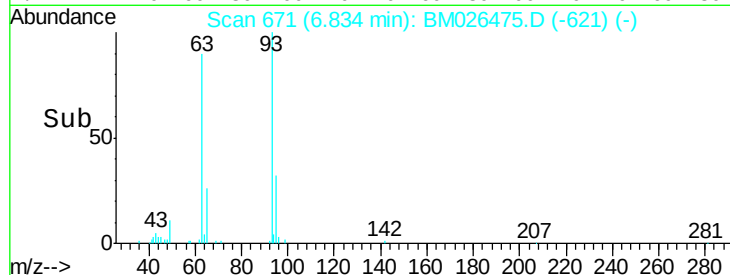
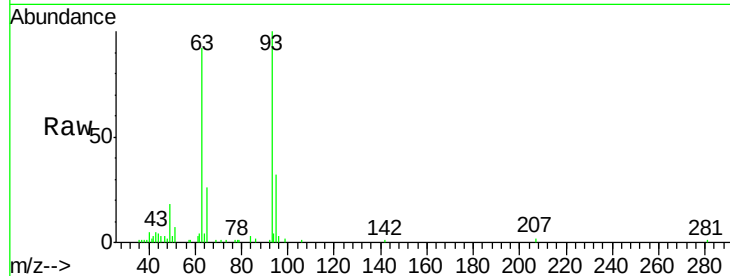
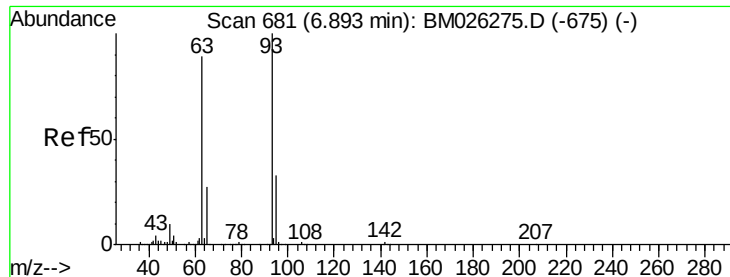


#10  
Phenol  
Concen: 4.625 ng  
RT: 6.62 min Scan# 634  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 94      | 100  |       |      |       |       |
| 65      | 35.9 | 11.4  | 51.4 |       |       |
| 66      | 54.2 | 21.7  | 61.7 |       |       |







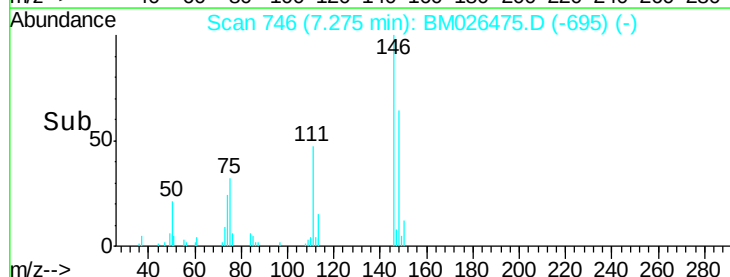
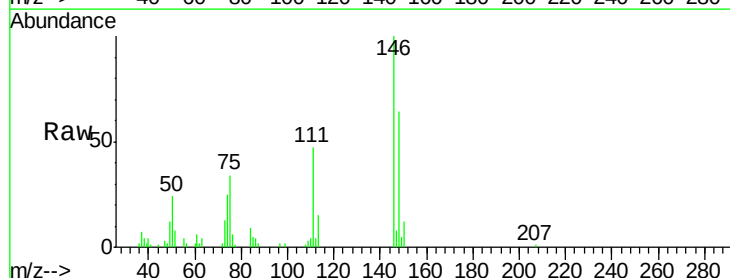
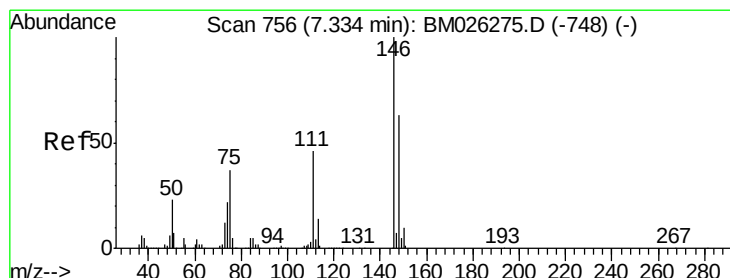
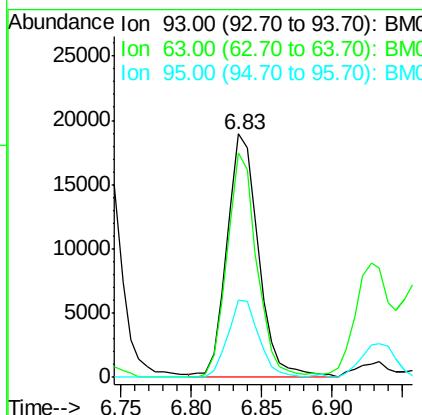
#11  
bis(2-Chloroethyl)ether  
Concen: 4.837 ng  
RT: 6.83 min Scan# 671  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 93      | 100  |       | 29618 |       |       |
| 63      | 92.2 | 66.7  | 106.7 |       |       |
| 95      | 31.7 | 14.5  | 54.5  |       |       |

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

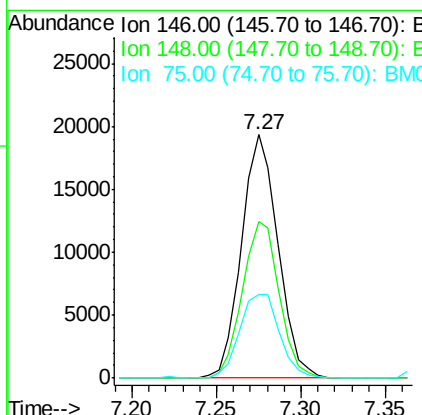
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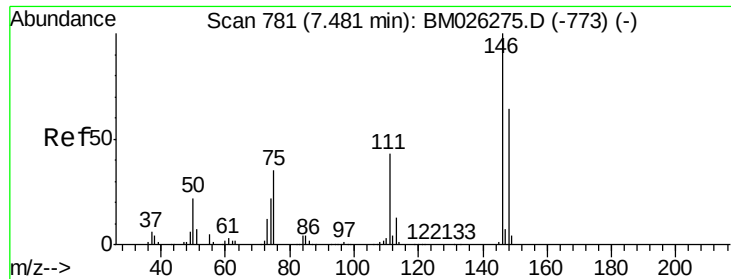
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#12  
1,3-Dichlorobenzene  
Concen: 4.609 ng  
RT: 7.27 min Scan# 746  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 146     | 100  |       | 29017 |       |       |
| 148     | 64.4 | 50.3  | 75.5  |       |       |
| 75      | 34.2 | 29.0  | 43.6  |       |       |





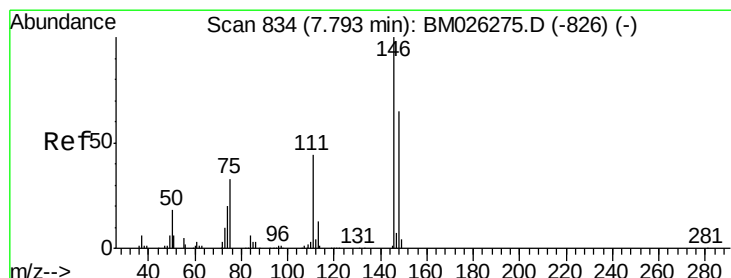
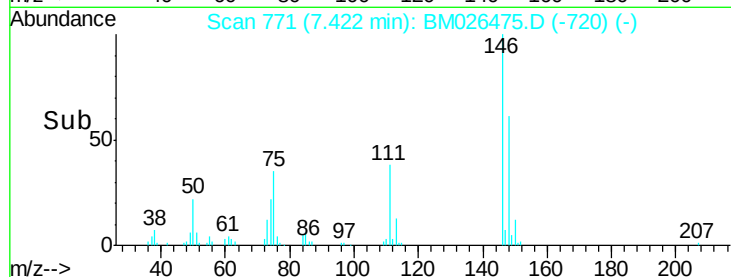
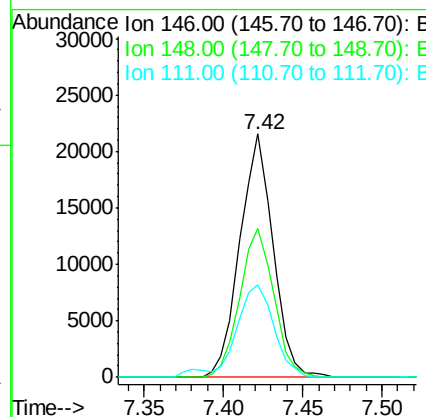
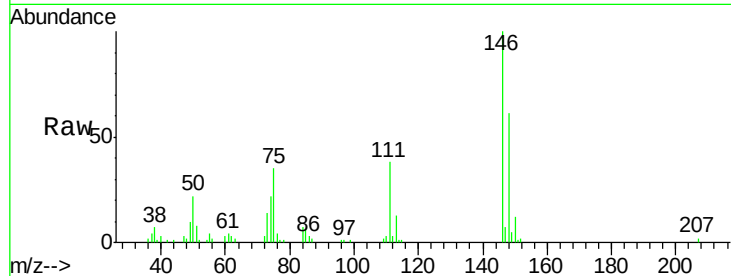
#13  
1,4-Dichlorobenzene  
Concen: 4.875 ng  
RT: 7.42 min Scan# 771  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.0  | 52.2  | 78.2  |
| 111     | 38.2  | 34.9  | 52.3  |

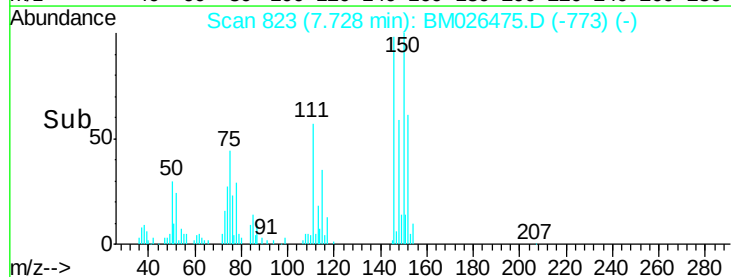
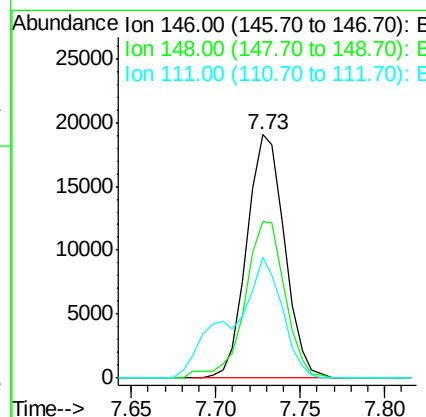
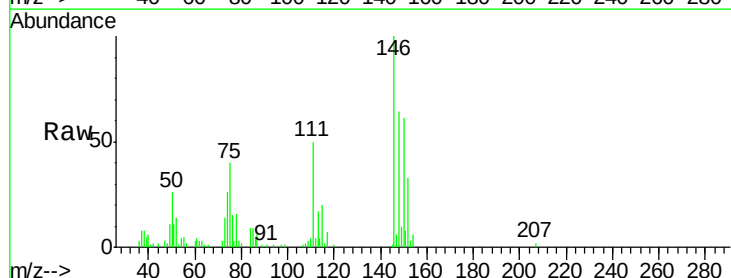
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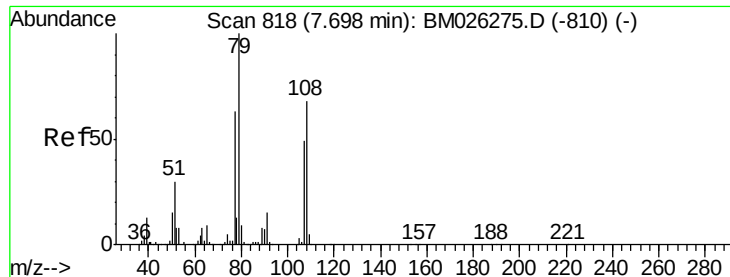
mohammad  
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#14  
1,2-Dichlorobenzene  
Concen: 4.734 ng  
RT: 7.73 min Scan# 823  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 50.8  | 76.2  |
| 111     | 49.7  | 35.4  | 53.0  |





#15

Benzyl Alcohol

Concen: 3.994 ng

RT: 7.65 min Scan# 809

Delta R.T. 0.01 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

Instrument :

BNA\_M

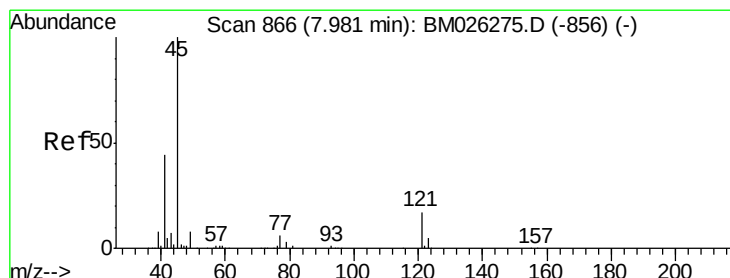
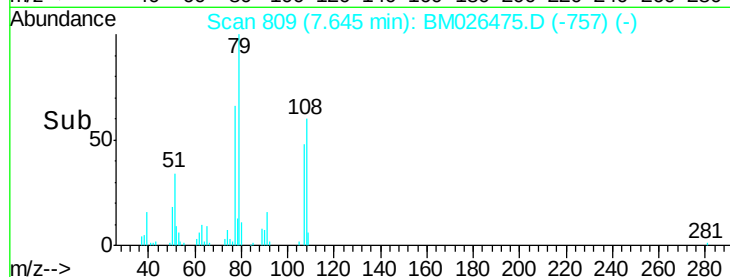
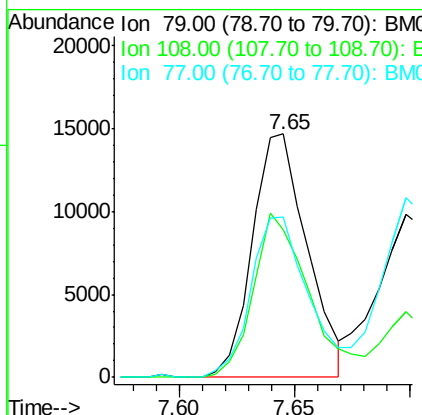
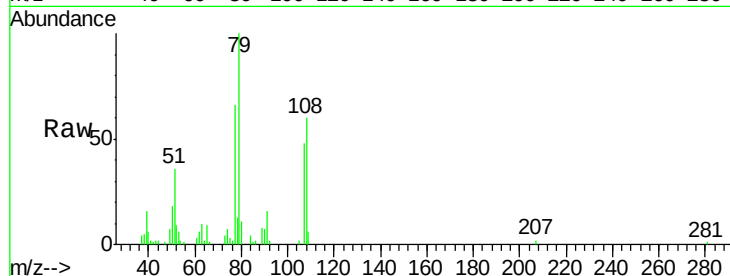
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 24212 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 60.5  | 54.6  | 82.0  |
| 77        | 66.0  | 51.0  | 76.4  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 4.959 ng

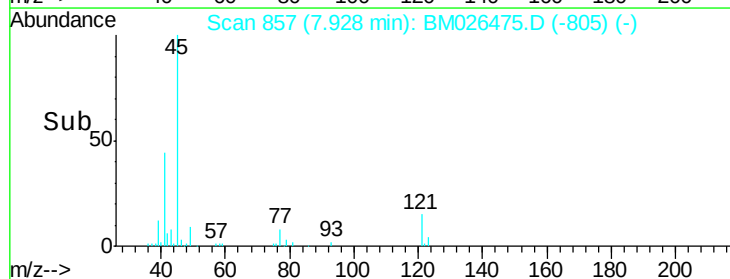
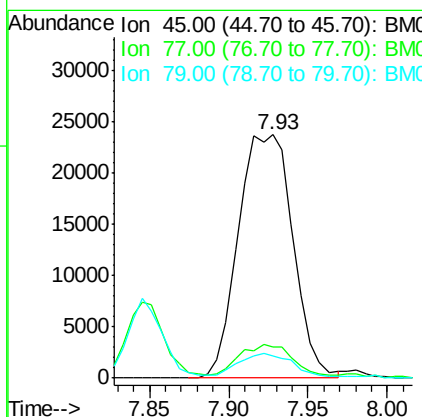
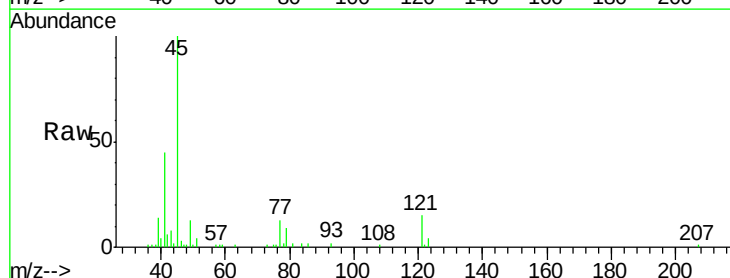
RT: 7.93 min Scan# 857

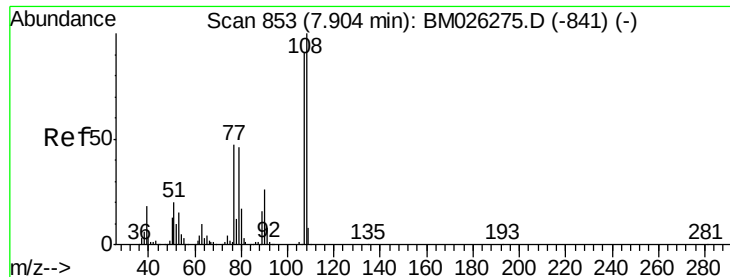
Delta R.T. 0.01 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 56711 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 12.6  | 0.0   | 31.8  |
| 79        | 8.9   | 0.0   | 28.9  |





#17

2-Methylphenol

Concen: 3.904 ng

RT: 7.85 min Scan# 843

Delta R.T. 0.00 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

Instrument :

BNA\_M

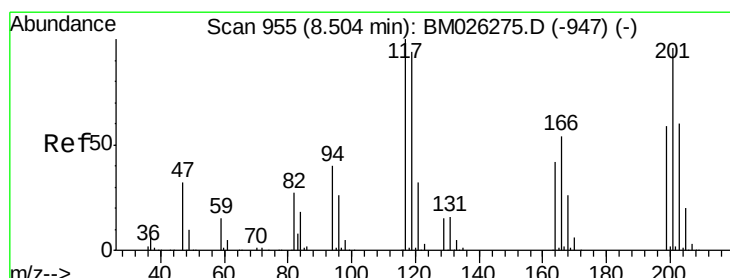
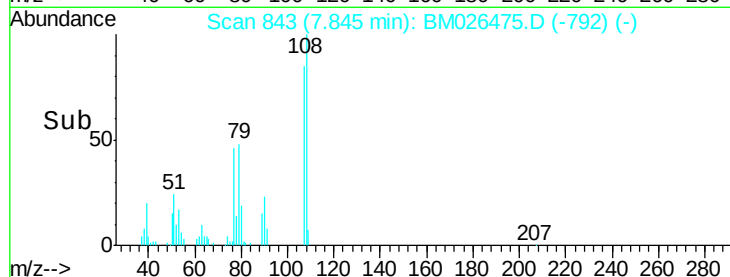
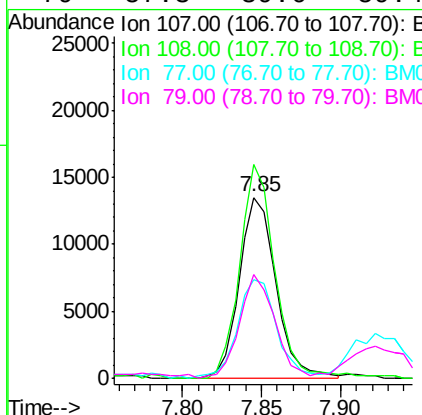
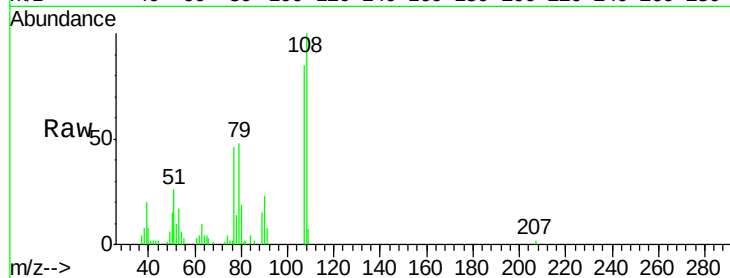
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

| Tot Ion | 107   | Resp  | 21691 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 107     | 100   |       |       |
| 108     | 118.2 | 88.5  | 132.7 |
| 77      | 54.4  | 40.6  | 60.8  |
| 79      | 57.3  | 39.6  | 59.4  |

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#18

Hexachloroethane

Concen: 4.734 ng

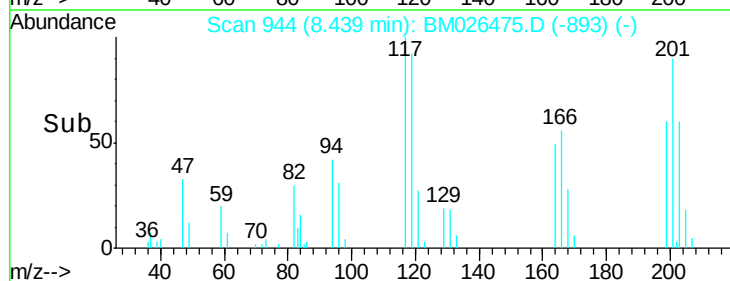
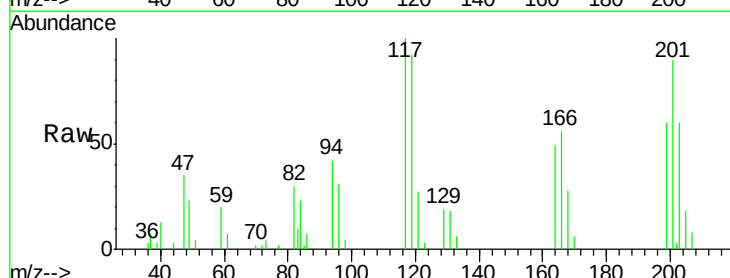
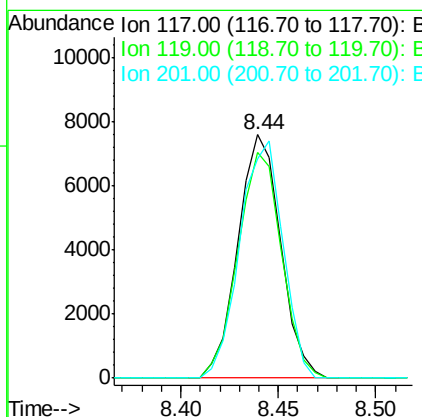
RT: 8.44 min Scan# 944

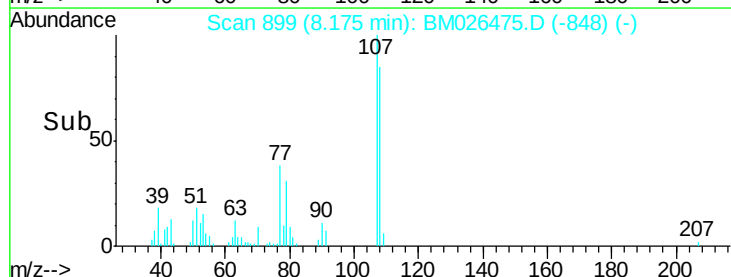
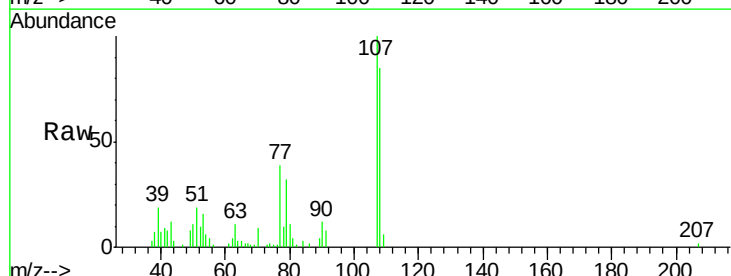
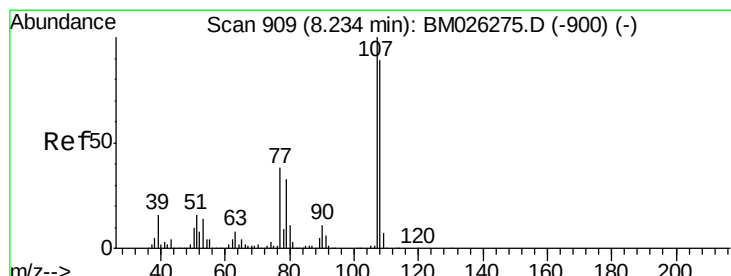
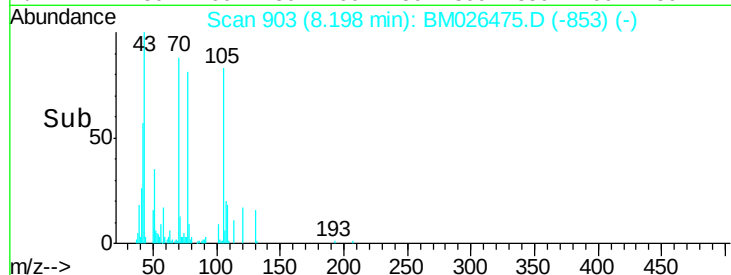
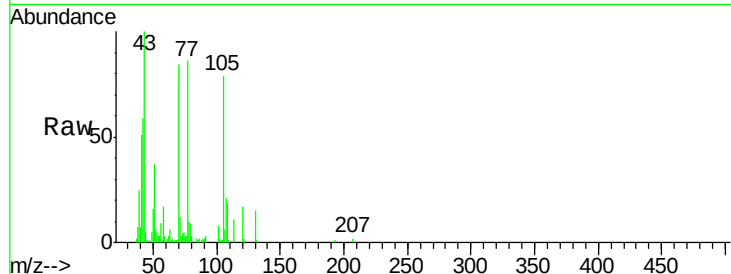
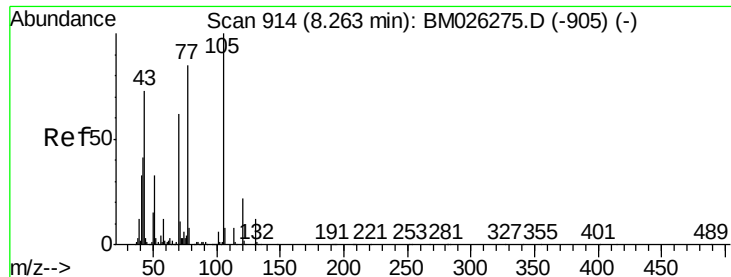
Delta R.T. 0.00 min

Lab File: BM026475.D

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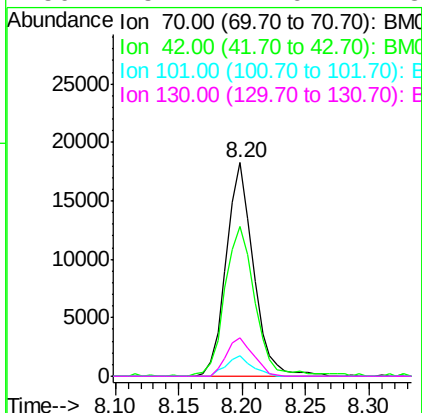
| Tgt Ion | 117   | Resp  | 11497 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 117     | 100   |       |       |
| 119     | 92.5  | 77.8  | 116.6 |
| 201     | 89.8  | 79.9  | 119.9 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 4.885 ng  
RT: 8.20 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 69.9  | 52.2  | 78.4  |
| 101     | 9.7   | 7.0   | 10.6  |
| 130     | 18.1  | 14.9  | 22.3  |



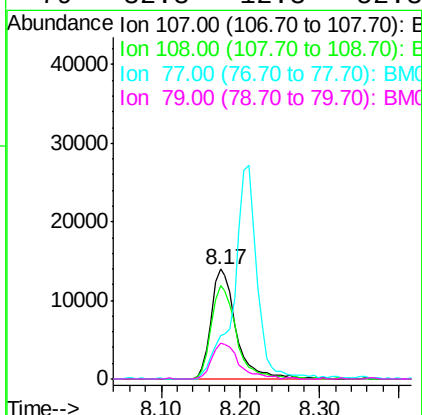
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2020

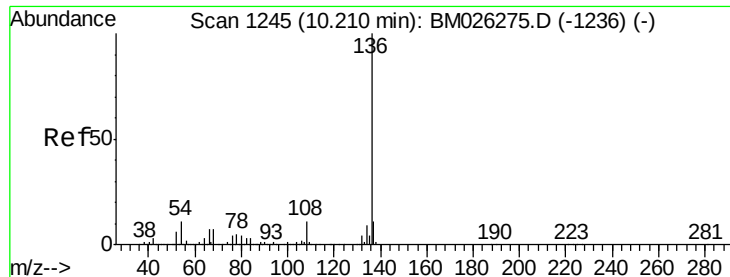
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#20  
3+4-Methylphenols  
Concen: 4.045 ng  
RT: 8.17 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.2  | 70.4  | 110.4 |
| 77      | 39.5  | 17.3  | 57.3  |
| 79      | 32.3  | 12.3  | 52.3  |





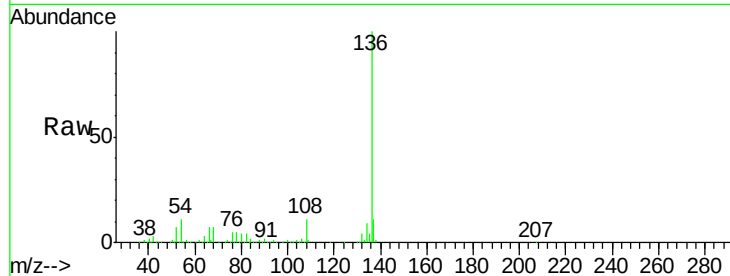
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.15 min Scan# 1234  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

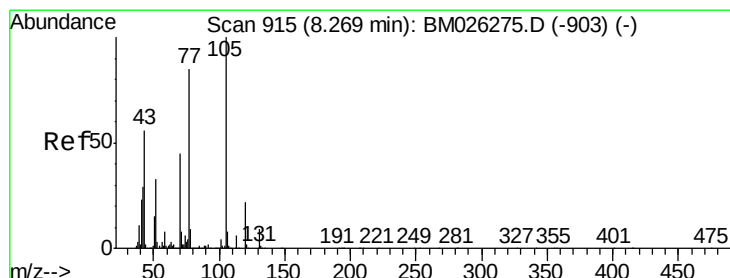
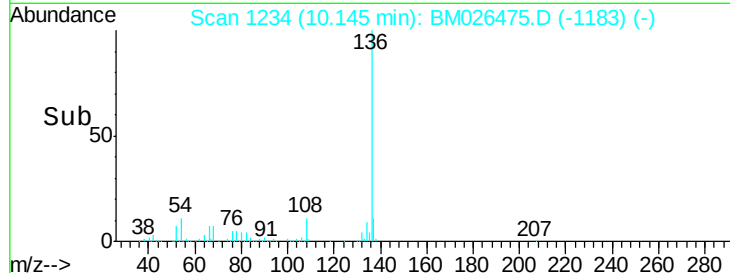
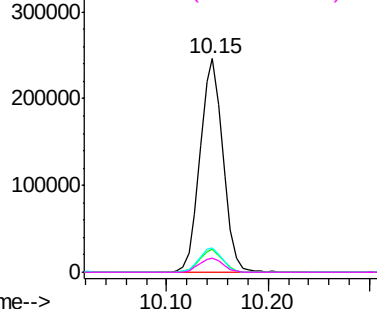
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 385288 |       |       |
| 137     | 11.0  | 8.5    | 12.7  |       |
| 54      | 11.4  | 9.0    | 13.6  |       |
| 68      | 6.5   | 5.6    | 8.4   |       |

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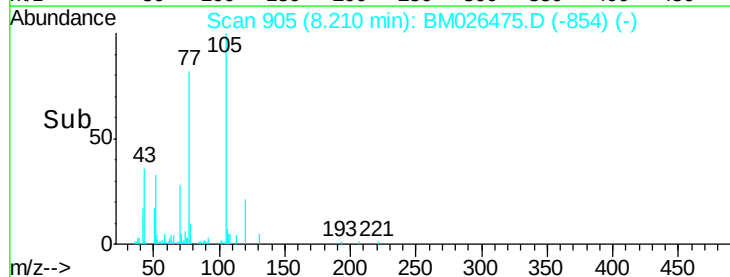
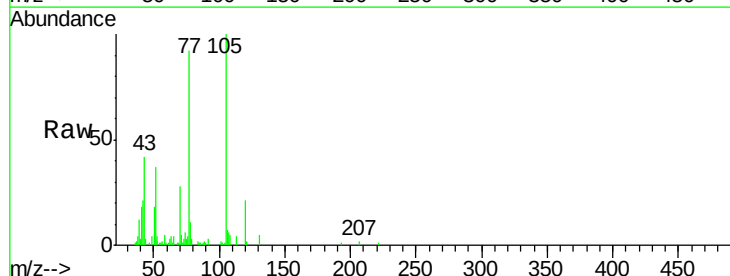
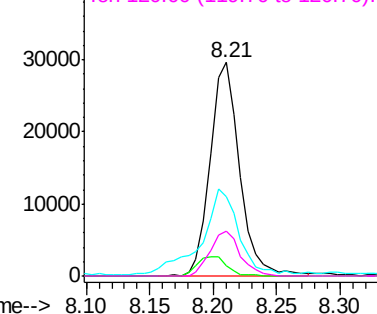
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

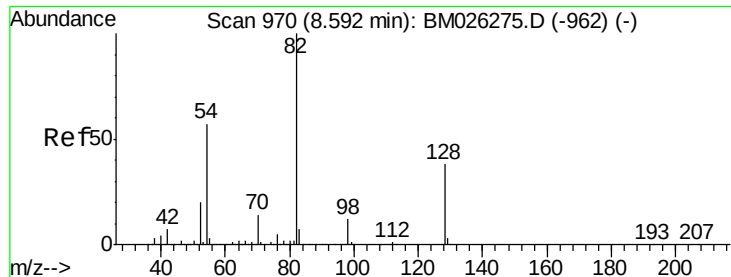


#22  
Acetophenone  
Concen: 4.831 ng  
RT: 8.21 min Scan# 905  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 47862 |       |       |
| 71      | 4.9   | 4.5   | 6.7   |       |
| 51      | 37.4  | 25.2  | 37.8  |       |
| 120     | 20.8  | 17.0  | 25.6  |       |

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





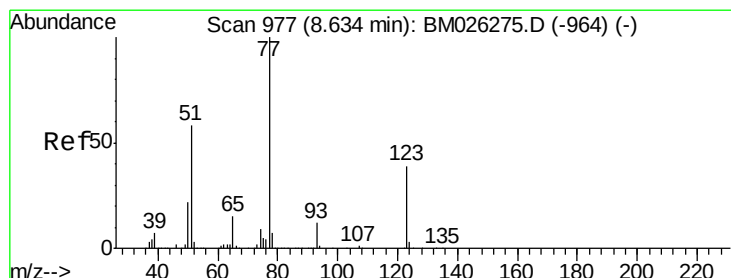
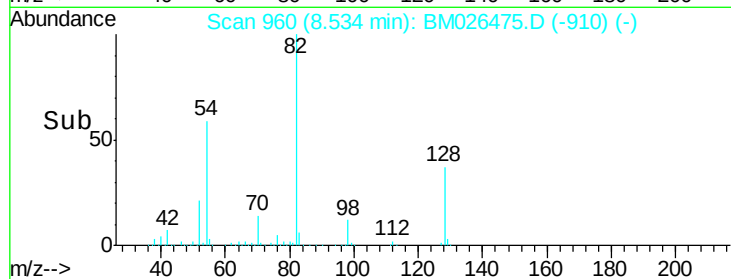
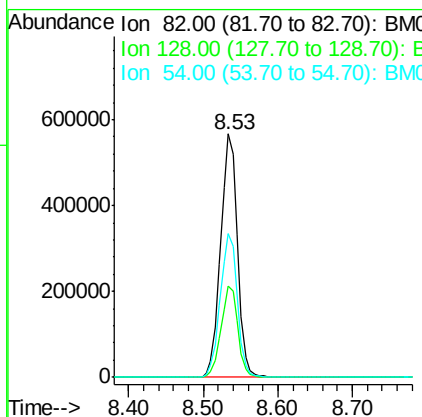
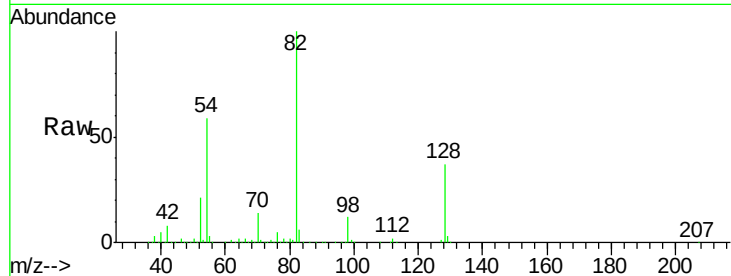
#23  
 Nitrobenzene-d5  
 Concen: 113.705 ng  
 RT: 8.53 min Scan# 960  
 Delta R.T. -0.01 min  
 Lab File: BM026475.D  
 Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 892245 |       |       |
| 128     | 37.3  |        | 31.0  | 46.6  |
| 54      | 59.2  |        | 45.4  | 68.2  |

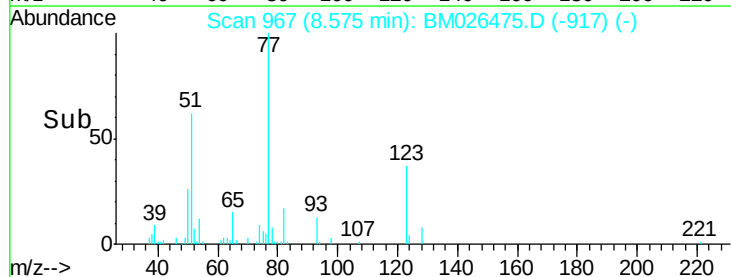
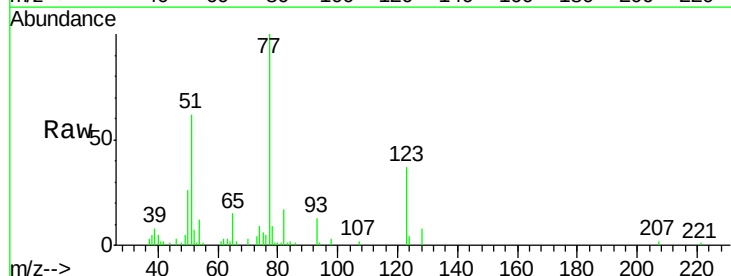
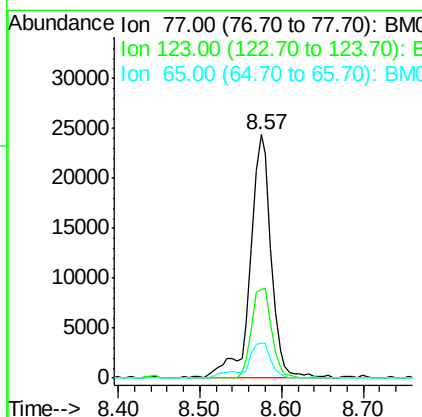
Manual Integrations  
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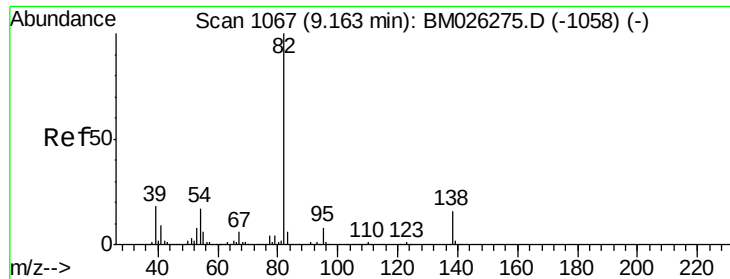


#24  
 Nitrobenzene  
 Concen: 5.338 ng  
 RT: 8.57 min Scan# 967  
 Delta R.T. -0.01 min  
 Lab File: BM026475.D  
 Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 43850 |       |       |
| 123     | 36.6  |       | 32.0  | 48.0  |
| 65      | 14.5  |       | 11.8  | 17.8  |







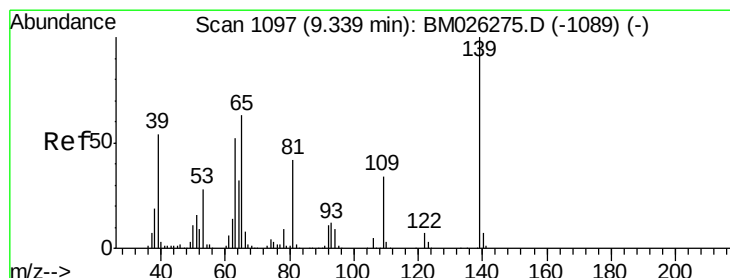
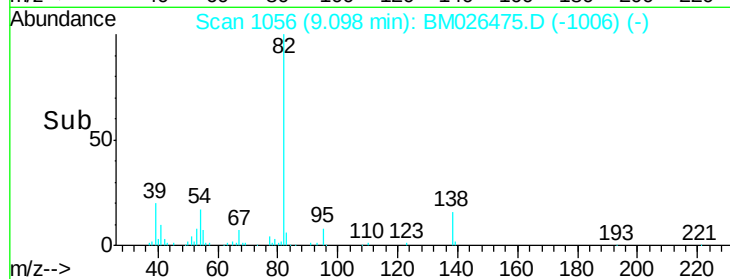
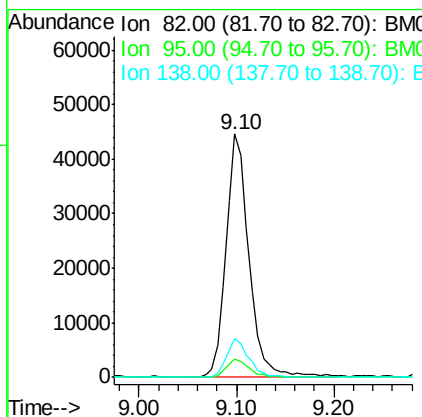
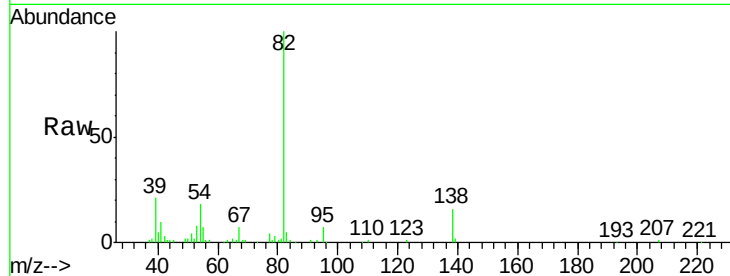
#25  
Isophorone  
Concen: 4.944 ng  
RT: 9.10 min Scan# 1056  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.5   | 6.0   | 9.0   |
| 138     | 15.8  | 12.7  | 19.1  |

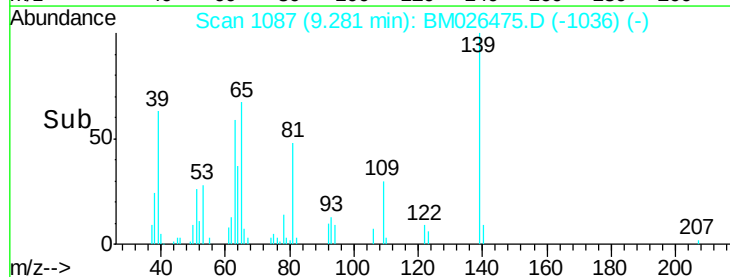
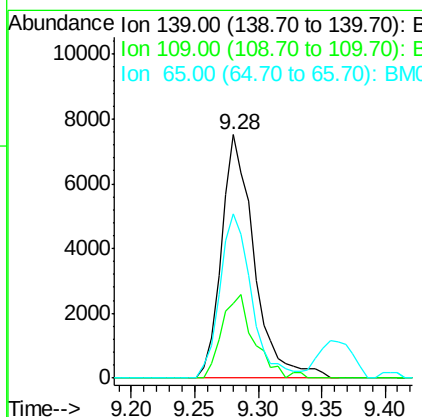
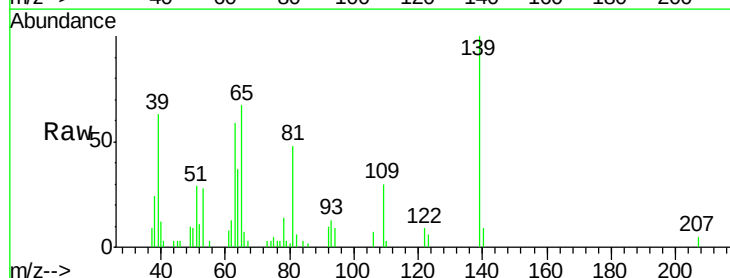
Manual Integrations  
APPROVED

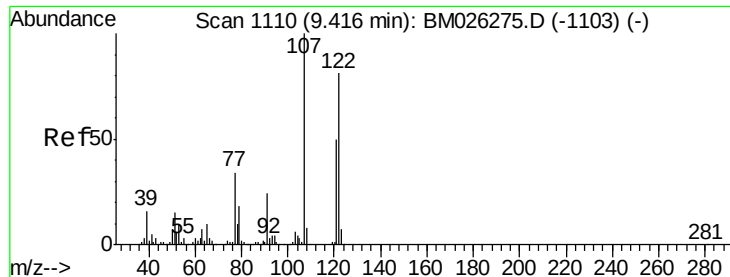
mohammad  
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#26  
2-Nitrophenol  
Concen: 4.116 ng  
RT: 9.28 min Scan# 1087  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 30.4  | 25.2  | 37.8  |
| 65      | 67.5  | 47.1  | 70.7  |





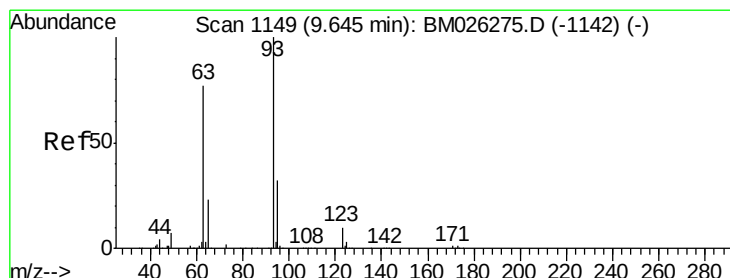
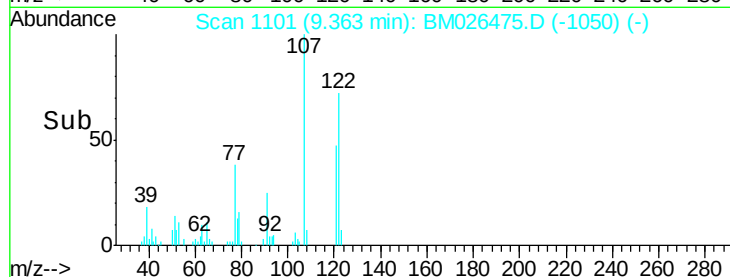
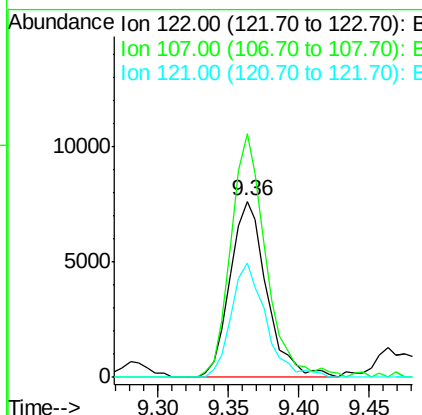
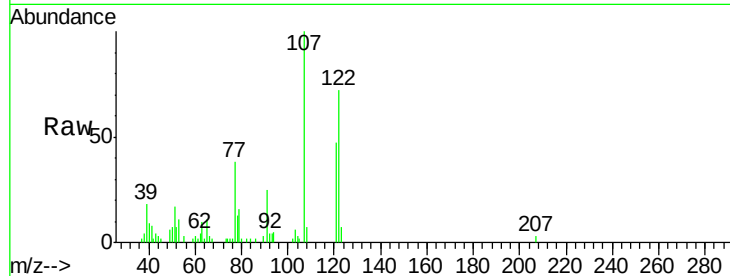
#27  
2,4-Dimethylphenol  
Concen: 2.684 ng  
RT: 9.36 min Scan# 1101  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 138.3 | 96.1  | 144.1 |
| 121     | 64.6  | 46.0  | 69.0  |

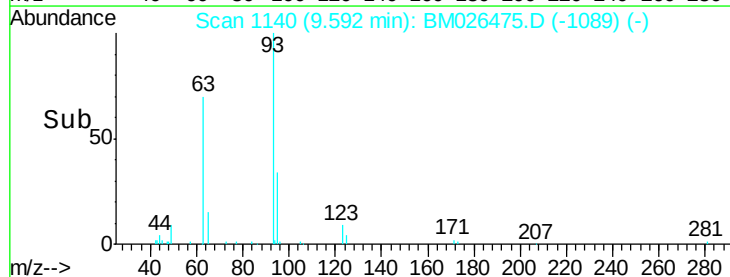
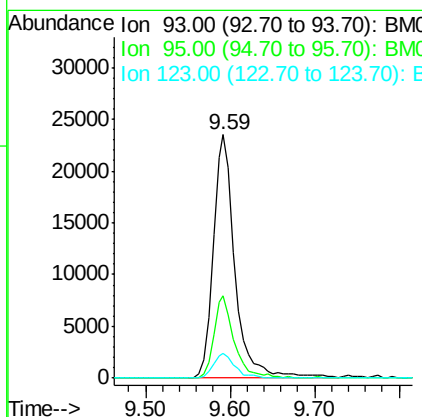
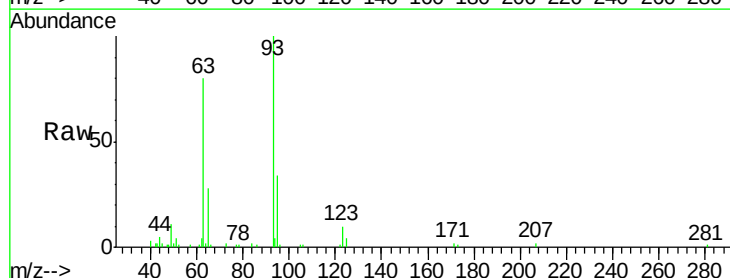
Manual Integrations  
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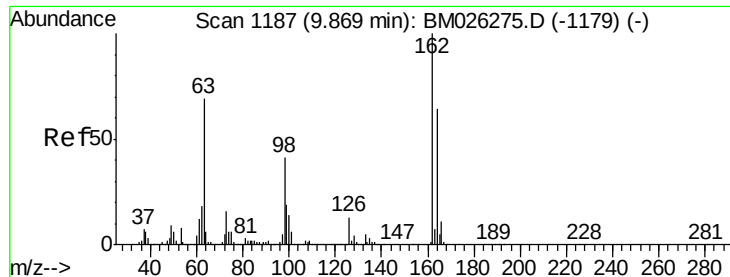
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#28  
bis(2-Chloroethoxy)methane  
Concen: 5.060 ng  
RT: 9.59 min Scan# 1140  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.6  | 25.9  | 38.9  |
| 123     | 10.0  | 8.9   | 13.3  |





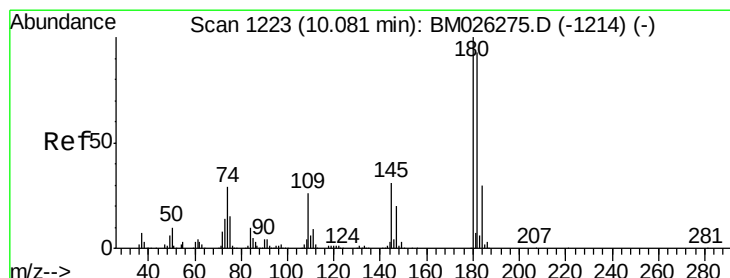
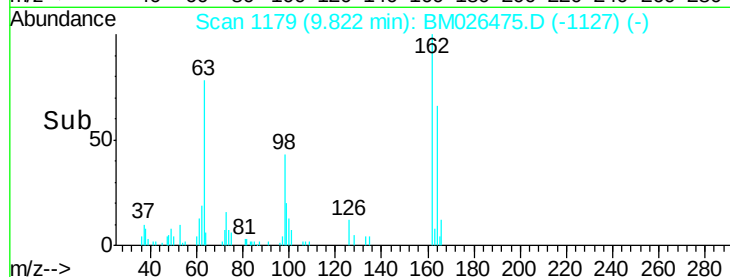
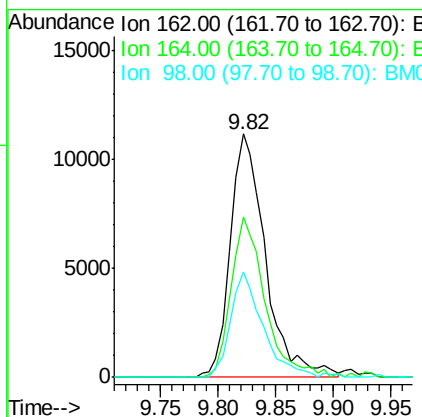
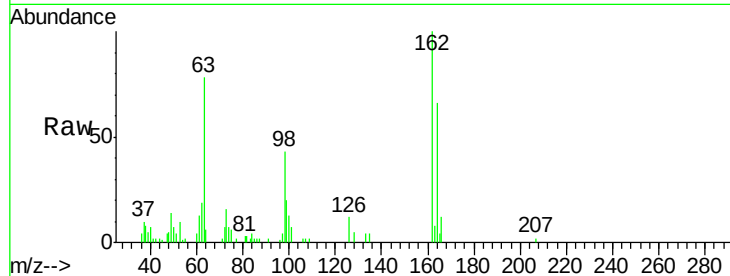
#29  
2,4-Dichlorophenol  
Concen: 4.200 ng  
RT: 9.82 min Scan# 1179  
Delta R.T. 0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 23652 |       |       |
| 164     | 65.8  | 46.2  | 86.2  |       |
| 98      | 43.4  | 19.0  | 59.0  |       |

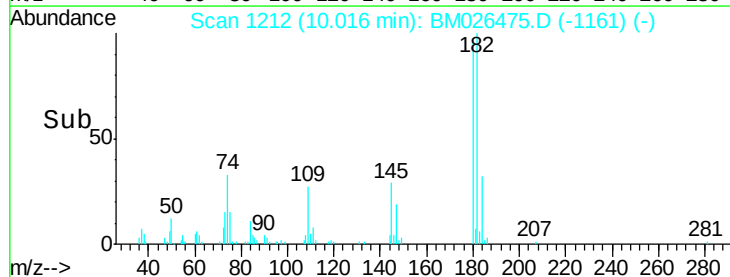
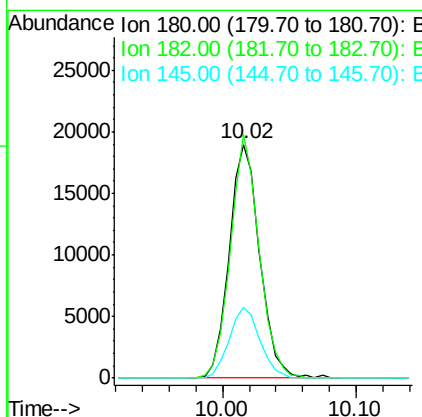
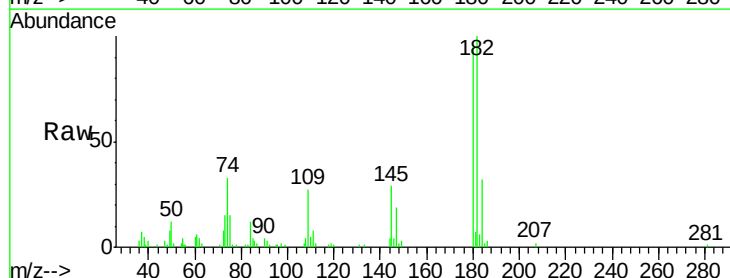
Manual Integrations  
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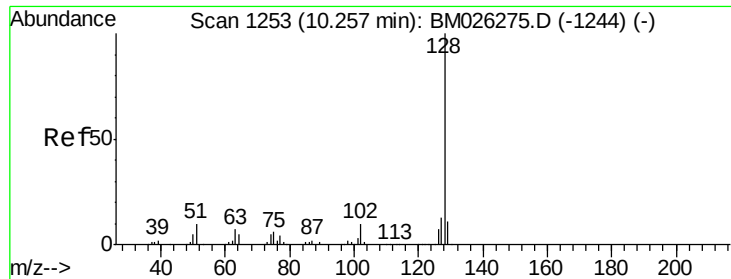
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 4.888 ng  
RT: 10.02 min Scan# 1212  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 30183 |       |       |
| 182     | 104.2 | 77.3  | 115.9 |       |
| 145     | 30.6  | 26.6  | 40.0  |       |





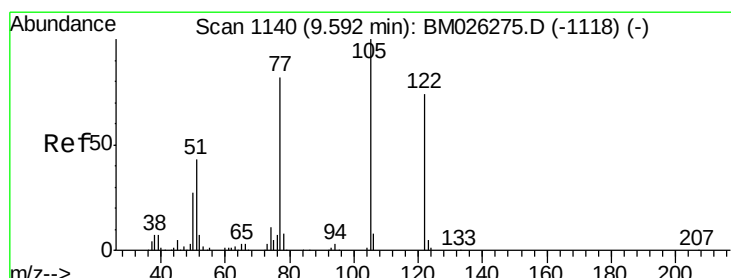
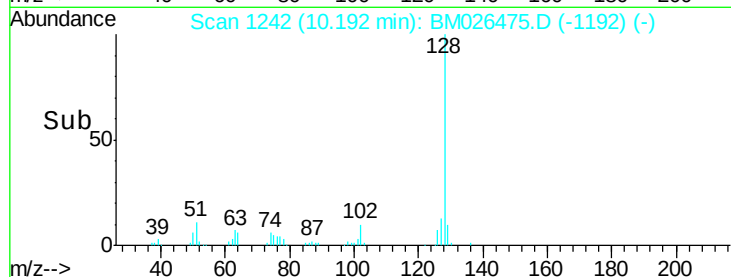
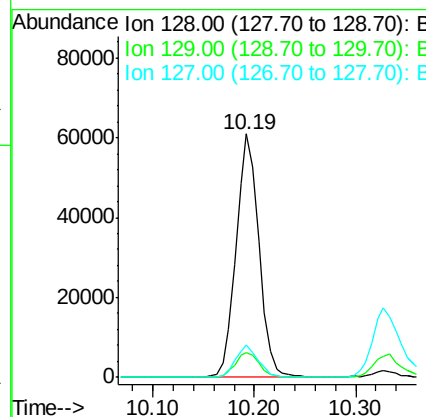
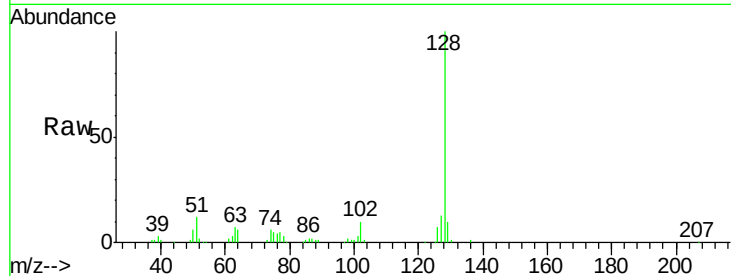
#31  
Naphthalene  
Concen: 4.895 ng  
RT: 10.19 min Scan# 1242  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.2  | 8.4   | 12.6  |
| 127     | 13.2  | 10.2  | 15.4  |

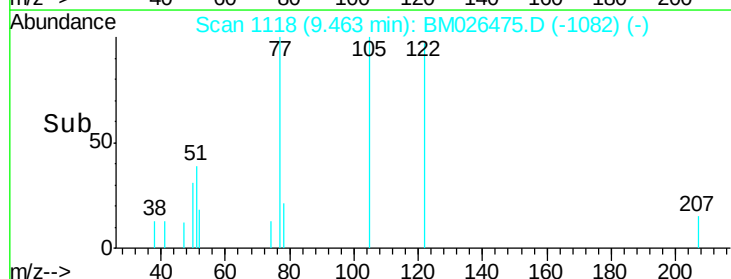
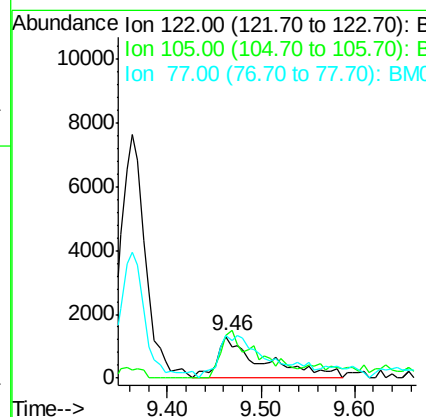
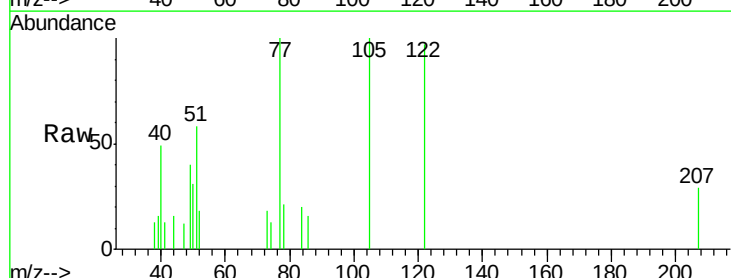
Manual Integrations  
APPROVED

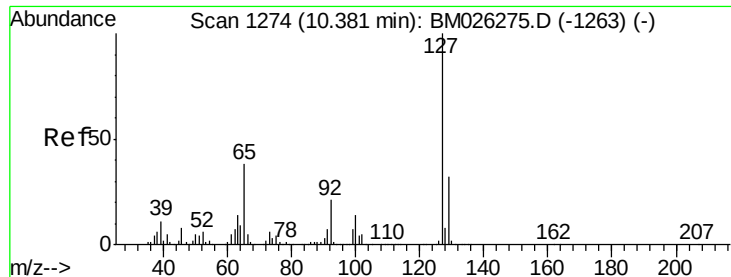
mohammad  
6/22/2020 3:23:34 PM



#32  
Benzoic acid  
Concen: 1.154 ng m  
RT: 9.46 min Scan# 1118  
Delta R.T. -0.09 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 102.7 | 108.9 | 148.9# |
| 77      | 102.7 | 90.1  | 130.1  |





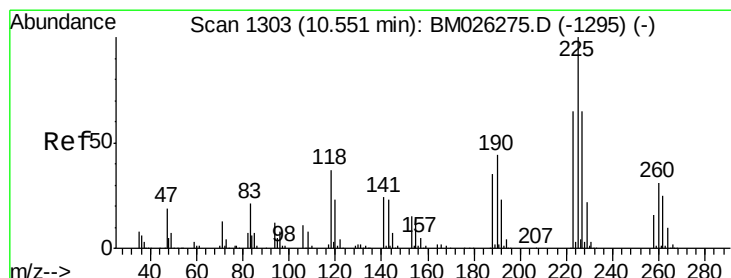
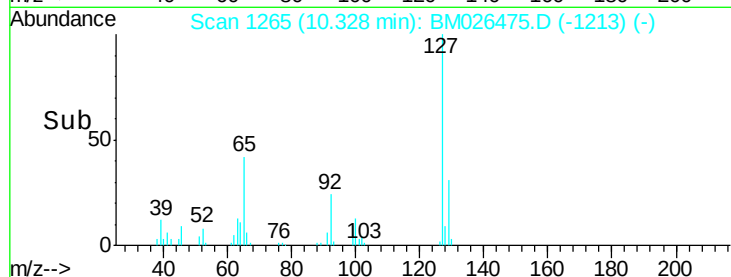
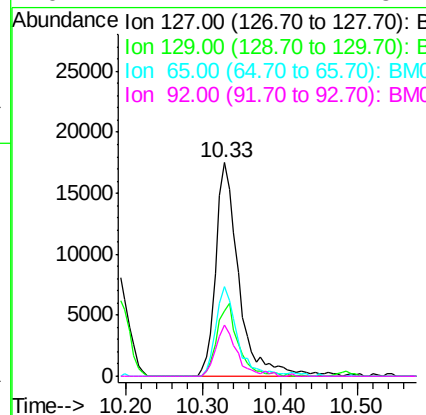
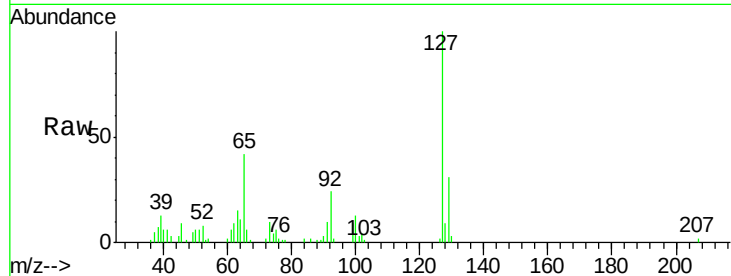
#33  
4-Chloroaniline  
Concen: 4.284 ng  
RT: 10.33 min Scan# 1265  
Delta R.T. 0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.8  | 25.3  | 37.9  |
| 65      | 42.1  | 30.0  | 45.0  |
| 92      | 24.1  | 17.1  | 25.7  |

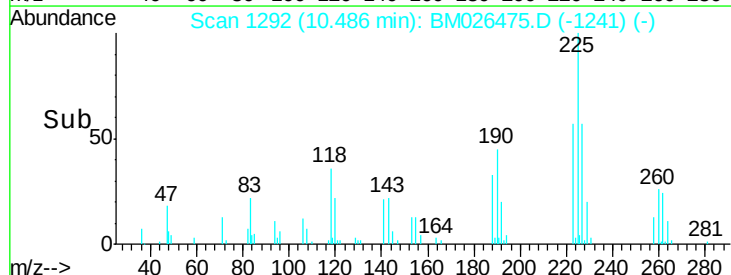
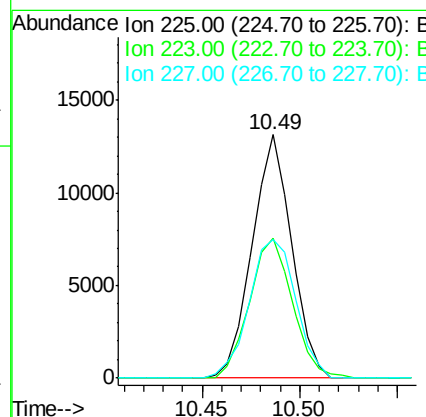
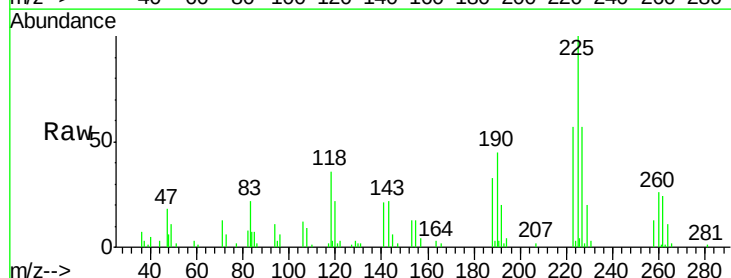
Manual Integrations  
APPROVED

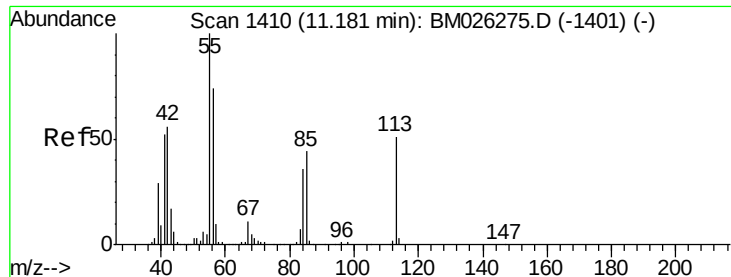
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 4.733 ng  
RT: 10.49 min Scan# 1292  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.0  | 50.2  | 75.4  |
| 227     | 56.7  | 49.5  | 74.3  |





#35

Caprolactam

Concen: 4.887 ng

RT: 11.10 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:113 Resp: 9668

Ion Ratio Lower Upper

113 100

55 204.8 177.1 217.1

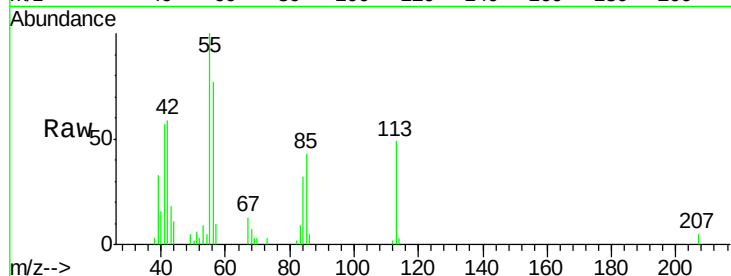
56 157.0 134.8 174.8

Manual Integrations

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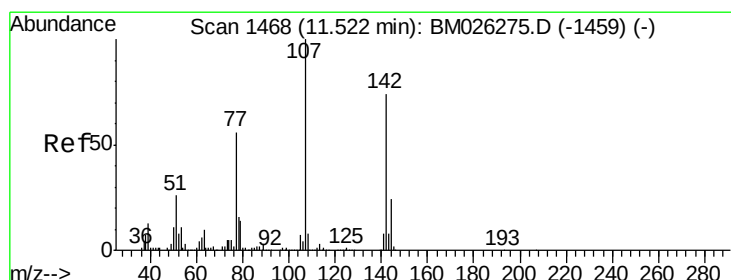
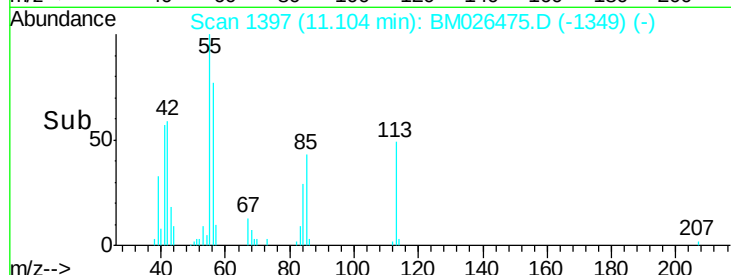
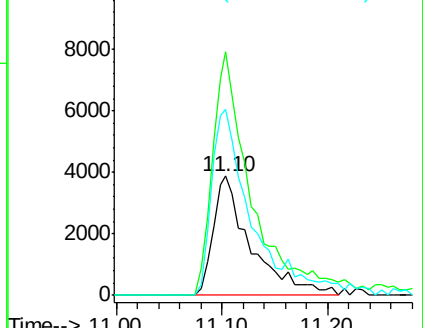
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 4.606 ng

RT: 11.46 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

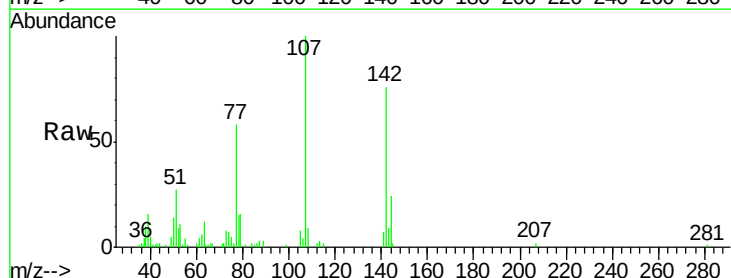
Tgt Ion:107 Resp: 31607

Ion Ratio Lower Upper

107 100

144 23.6 18.7 28.1

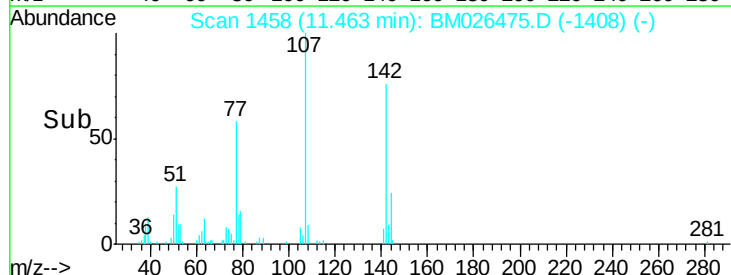
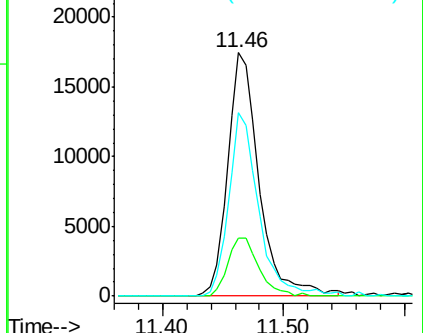
142 75.5 57.7 86.5

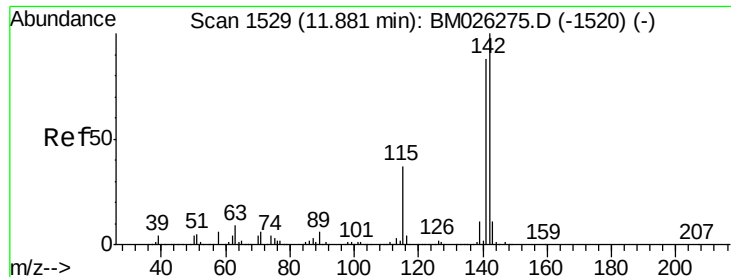


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





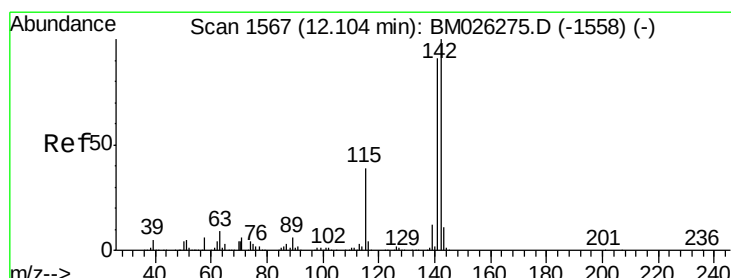
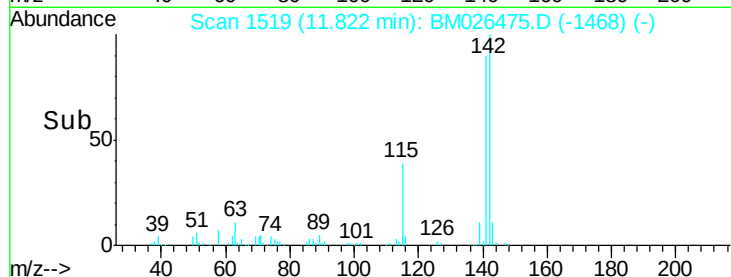
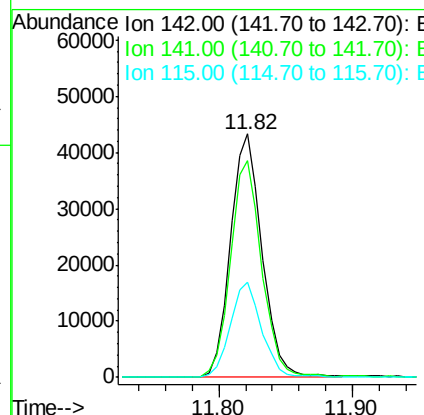
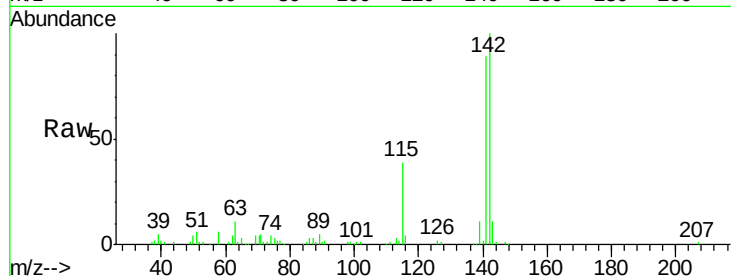
#37  
2-Methylnaphthalene  
Concen: 5.178 ng  
RT: 11.82 min Scan# 1519  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 70.5  | 105.7 |
| 115     | 38.8  | 30.2  | 45.4  |

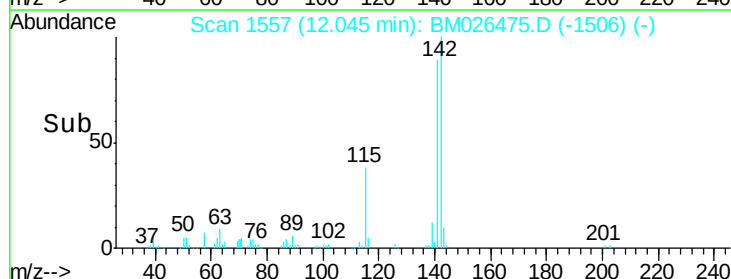
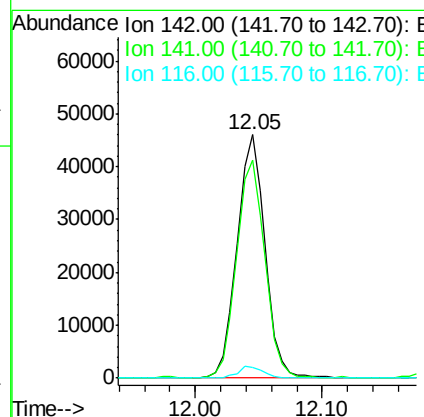
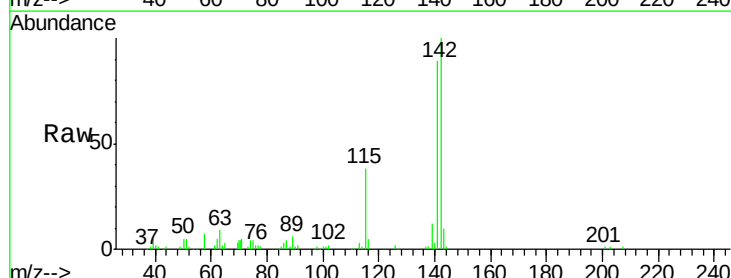
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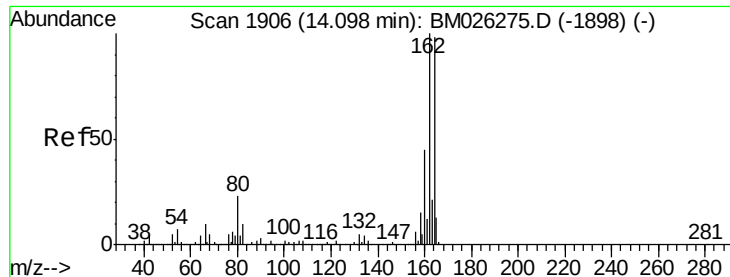
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 5.336 ng  
RT: 12.05 min Scan# 1557  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 73.3  | 109.9 |
| 116     | 4.5   | 3.4   | 5.0   |





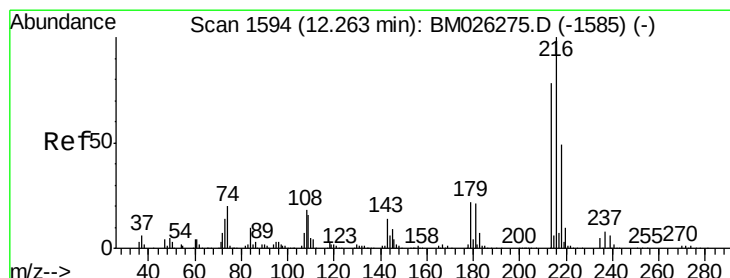
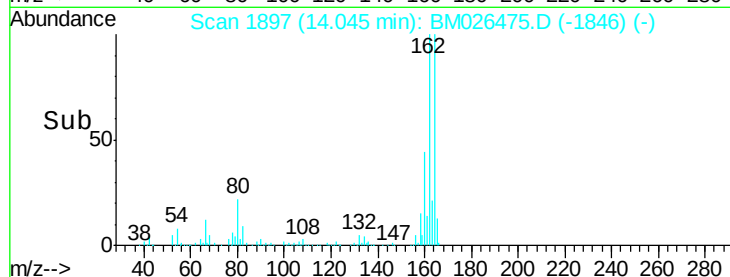
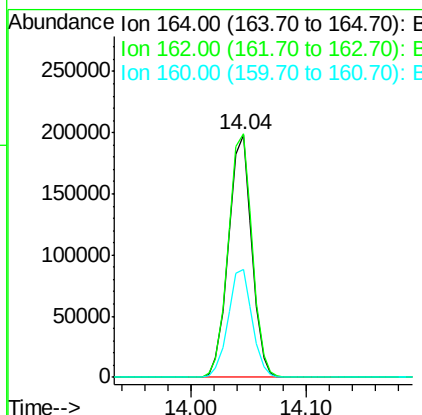
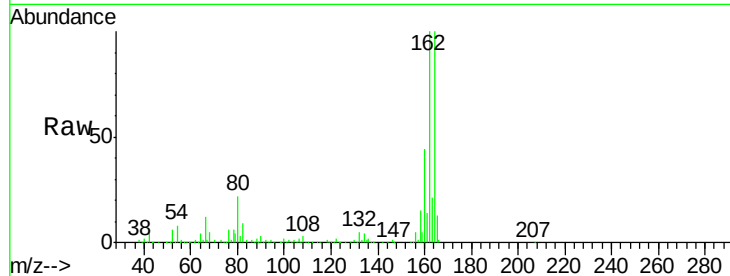
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.04 min Scan# 1897  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 100.4 | 77.7 | 116.5 |       |
| 160     | 44.4  | 34.2 | 51.2  |       |

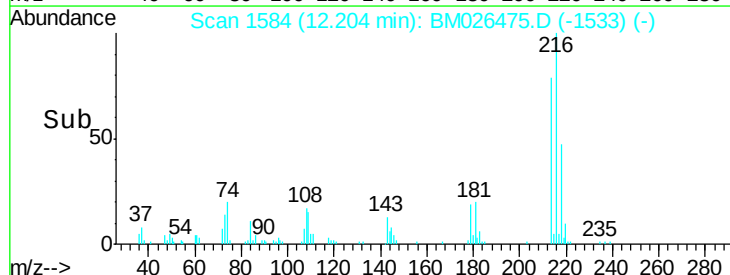
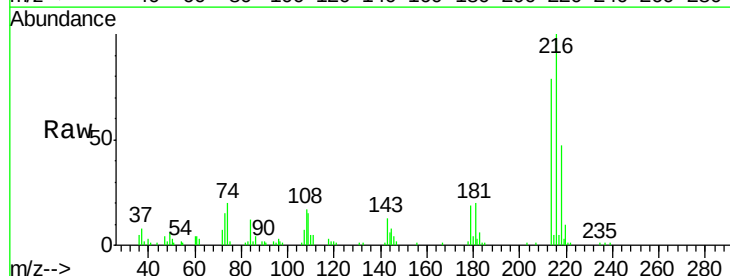
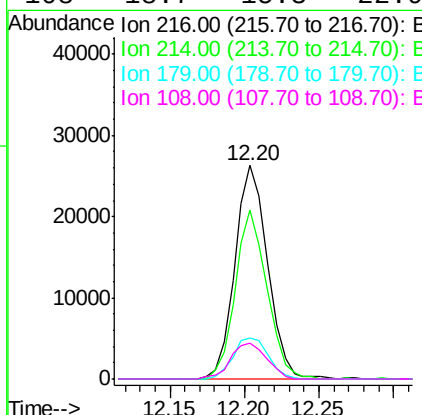
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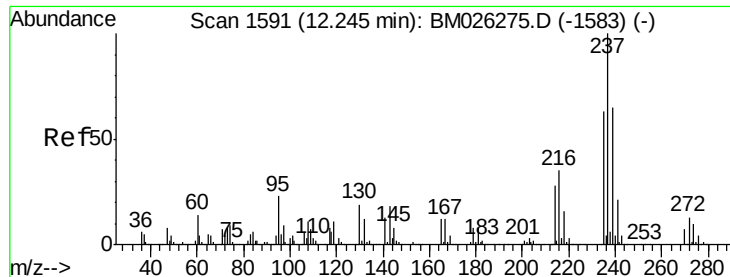


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 5.105 ng  
RT: 12.20 min Scan# 1584  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 76.2  | 61.9 | 92.9  |       |
| 179     | 20.7  | 16.3 | 24.5  |       |
| 108     | 18.7  | 15.3 | 22.9  |       |







#41

Hexachlorocyclopentadiene

Concen: 1.605 ng

RT: 12.18 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

Instrument :

BNA\_M

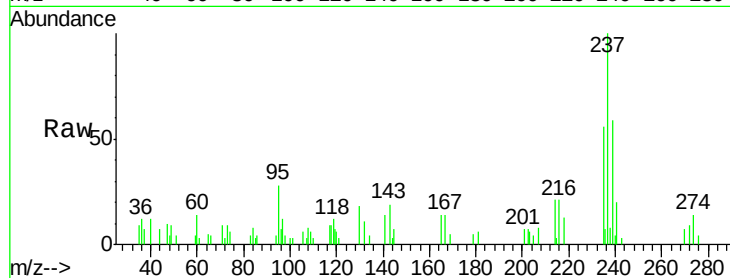
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

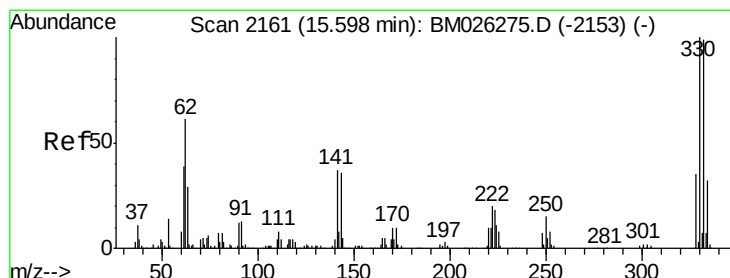
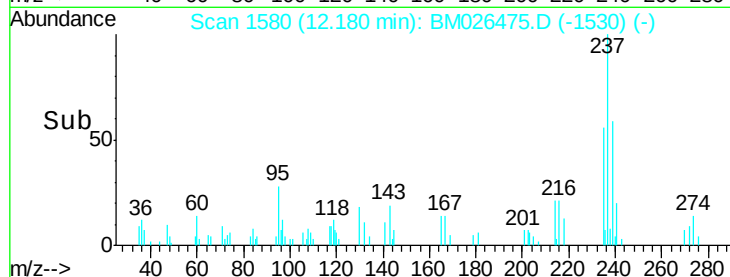
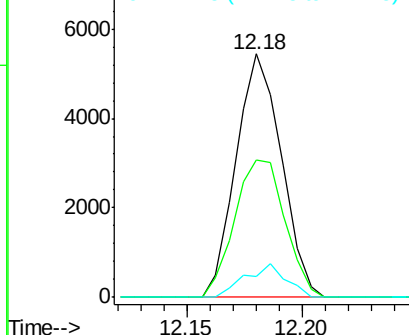
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 237   | Resp: | 7433 |
| Ion Ratio | Lower | Upper |      |
| 237       | 100   |       |      |
| 235       | 56.4  | 42.1  | 82.1 |
| 272       | 8.6   | 0.0   | 33.5 |

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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 196.997 ng

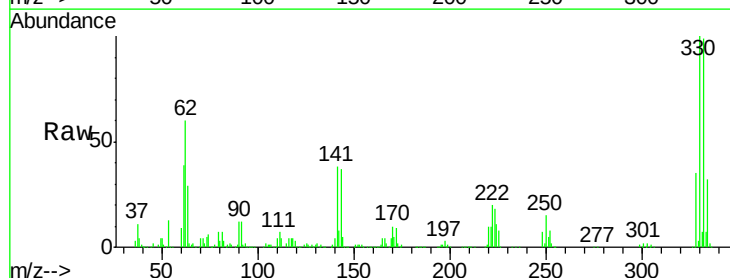
RT: 15.55 min Scan# 2153

Delta R.T. 0.00 min

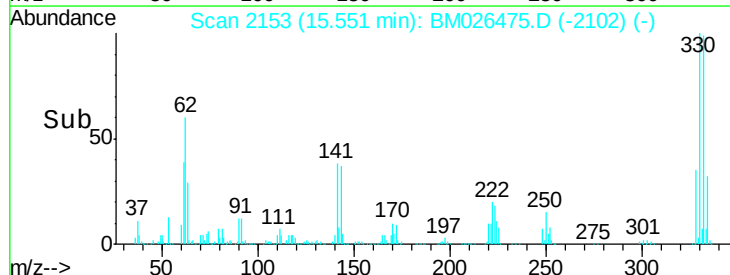
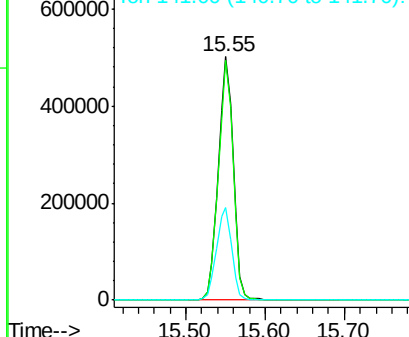
Lab File: BM026475.D

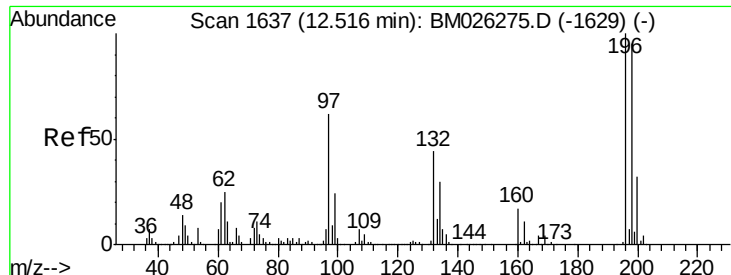
Acq: 19 Jun 2020 20:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 658844 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.3  | 77.7  | 116.5  |
| 141       | 38.6  | 29.7  | 44.5   |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





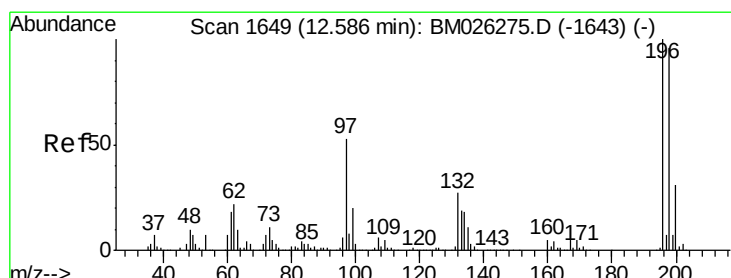
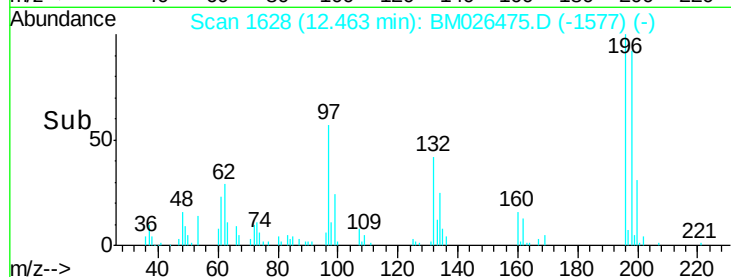
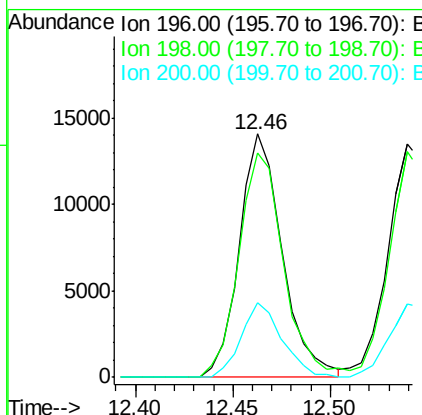
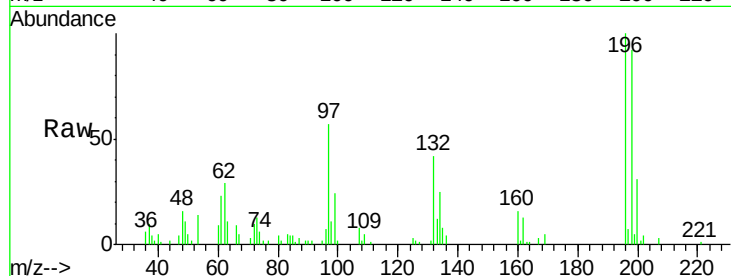
#43  
 2,4,6-Trichlorophenol  
 Concen: 4.055 ng  
 RT: 12.46 min Scan# 1628  
 Delta R.T. 0.00 min  
 Lab File: BM026475.D  
 Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.2  | 79.0  | 118.4 |
| 200     | 30.6  | 25.2  | 37.8  |

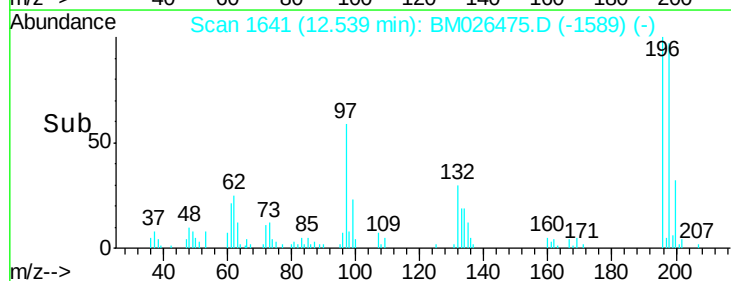
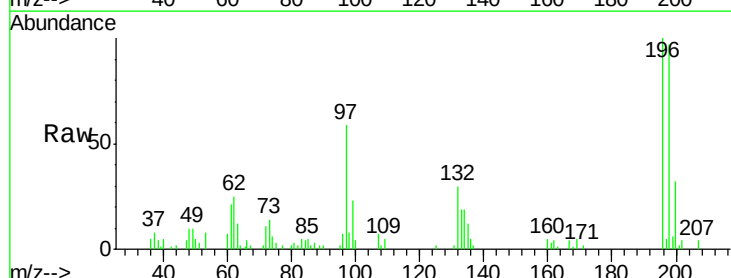
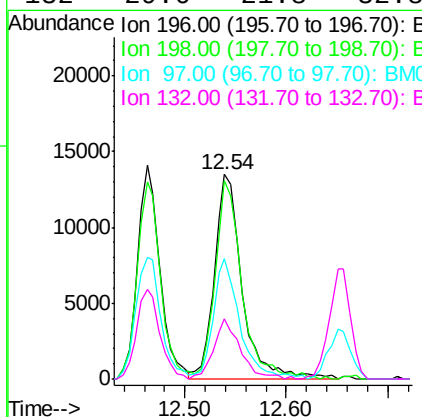
Manual Integrations  
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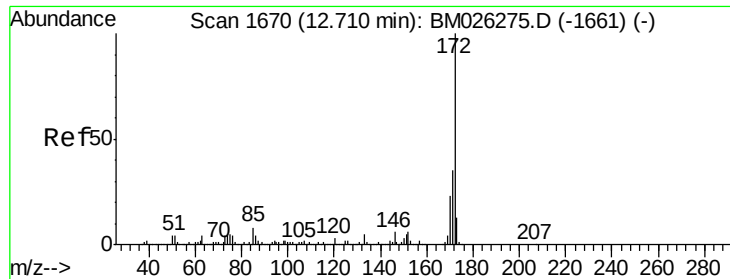
mohammad  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 4.146 ng  
 RT: 12.54 min Scan# 1641  
 Delta R.T. 0.01 min  
 Lab File: BM026475.D  
 Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.1  | 77.1  | 115.7 |
| 97      | 58.8  | 43.0  | 64.4  |
| 132     | 29.6  | 21.8  | 32.8  |





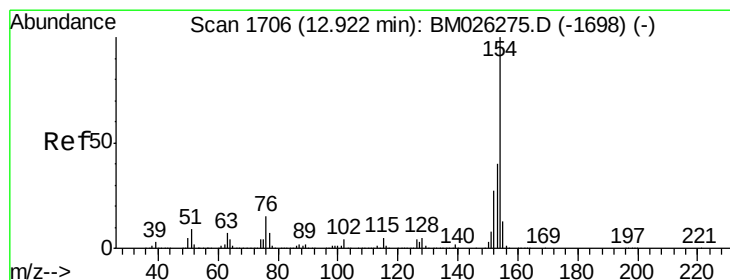
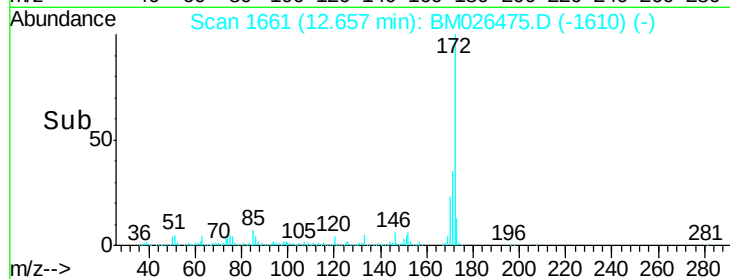
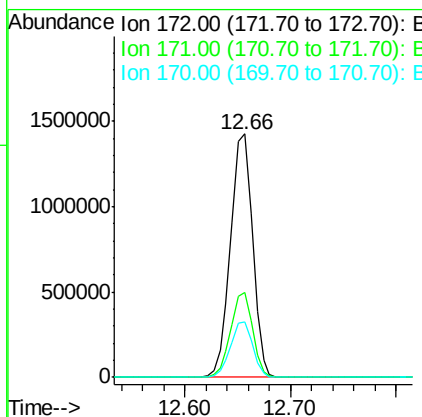
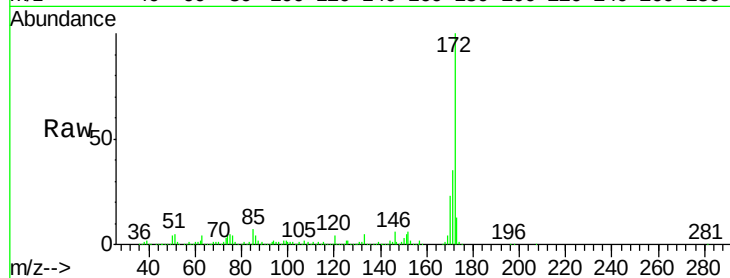
#45  
2-Fluorobiphenyl  
Concen: 113.195 ng  
RT: 12.66 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.9  | 27.8  | 41.8  |
| 170     | 22.8  | 18.2  | 27.4  |

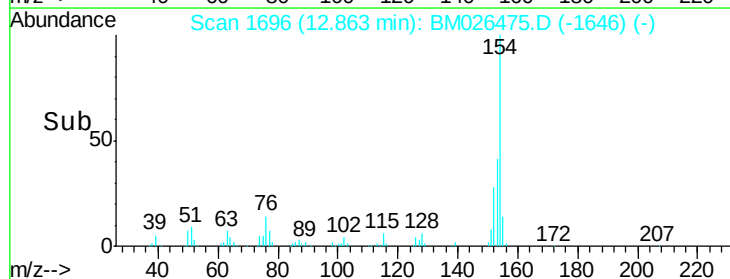
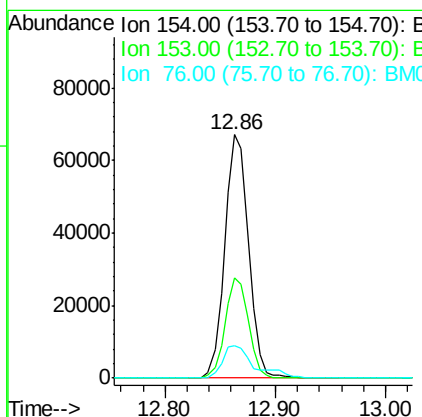
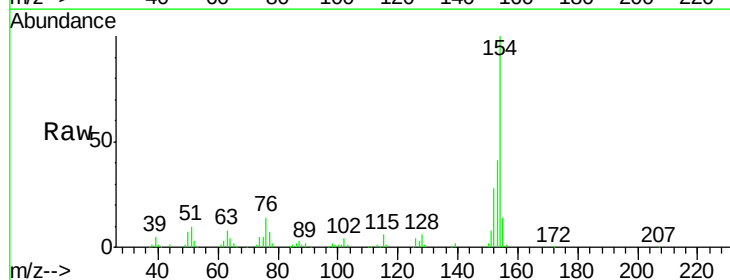
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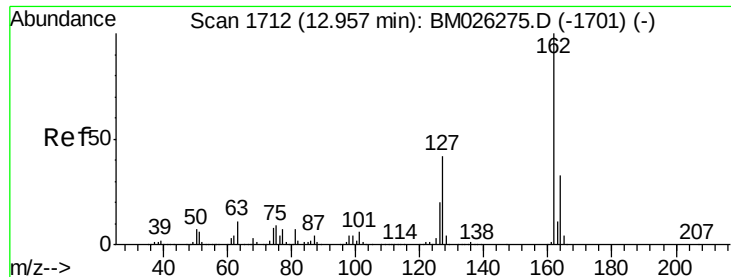
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 5.216 ng  
RT: 12.86 min Scan# 1696  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.1  | 20.0  | 60.0  |
| 76      | 13.5  | 0.0   | 34.6  |





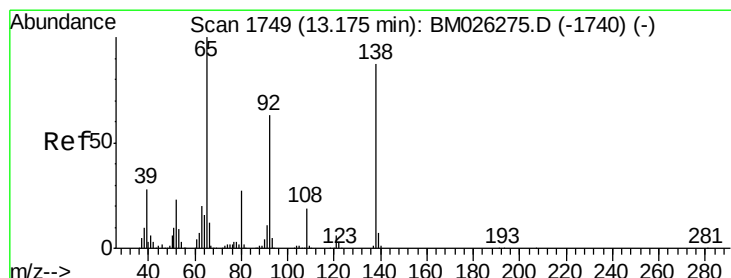
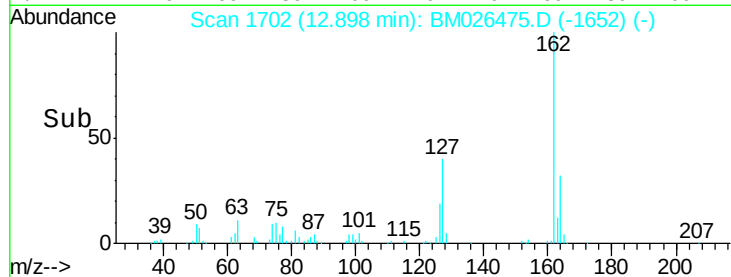
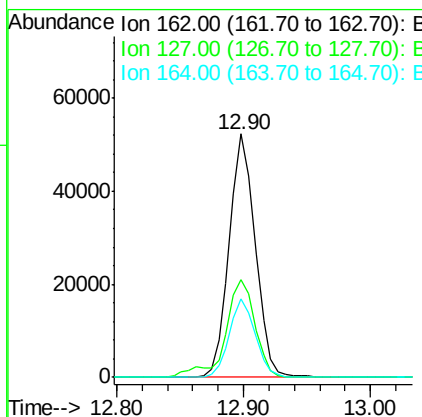
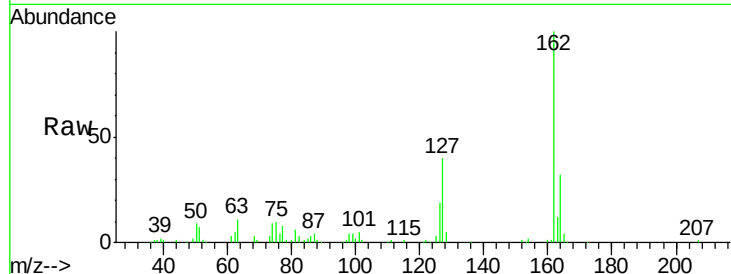
#47  
2-Chloronaphthalene  
Concen: 4.731 ng  
RT: 12.90 min Scan# 1702  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.9  | 34.0  | 51.0  |
| 164     | 32.1  | 26.3  | 39.5  |

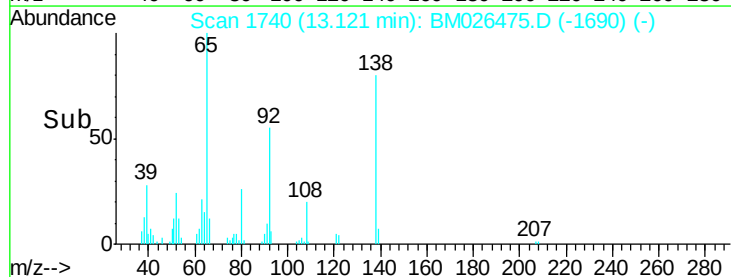
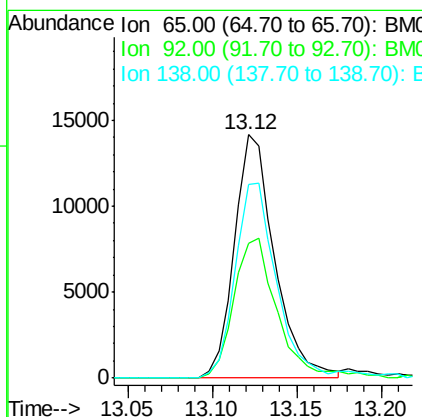
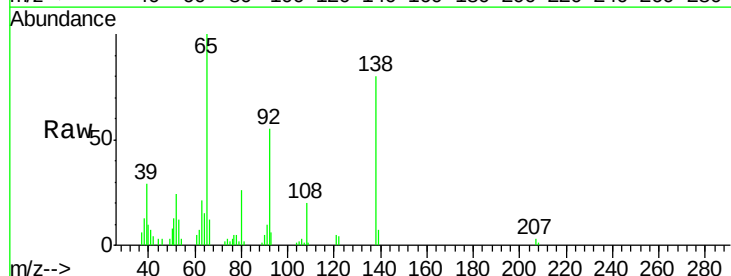
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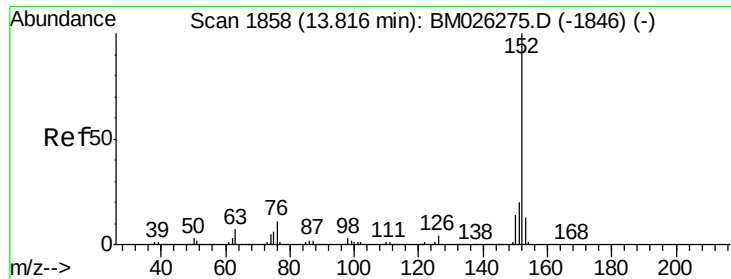
mohammad  
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#48  
2-Nitroaniline  
Concen: 3.770 ng  
RT: 13.12 min Scan# 1740  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 55.2  | 50.6  | 76.0  |
| 138     | 79.8  | 71.6  | 107.4 |





#49

Acenaphthylene

Concen: 4.792 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

Instrument :

BNA\_M

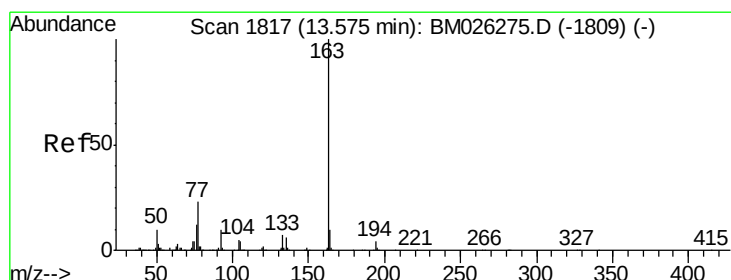
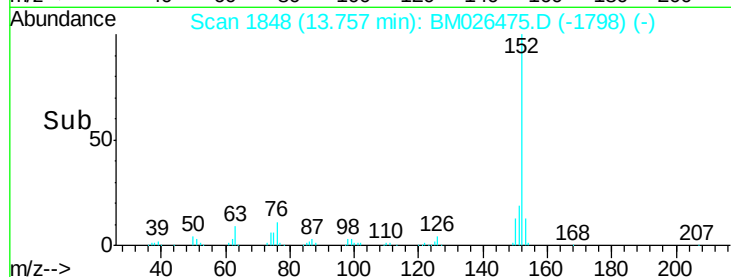
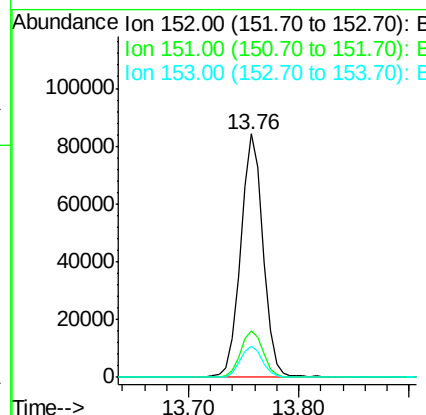
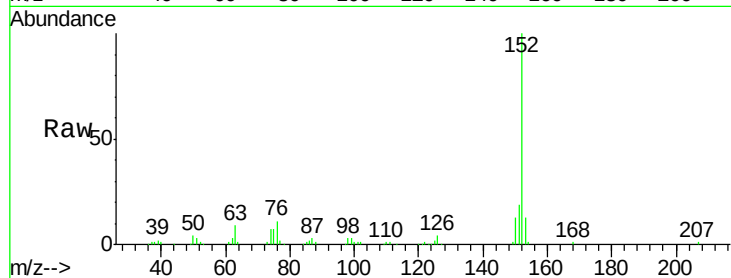
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 120503 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.3  | 15.8  | 23.6   |
| 153       | 12.7  | 10.1  | 15.1   |

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#50

Dimethylphthalate

Concen: 4.954 ng

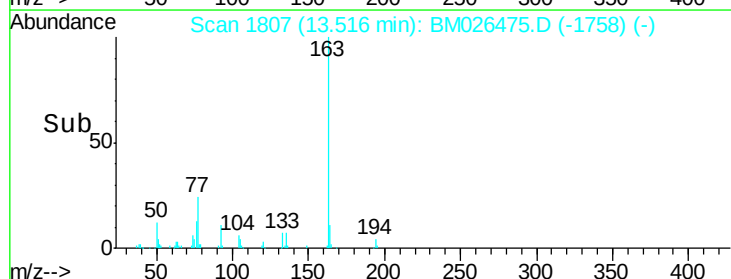
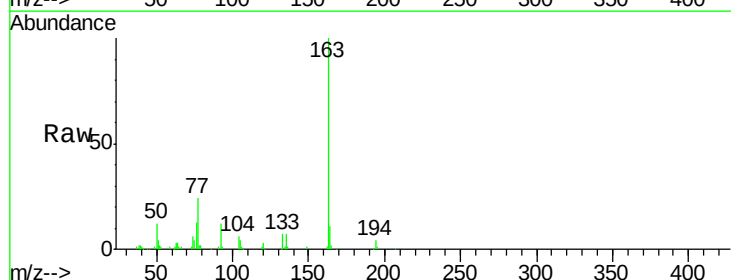
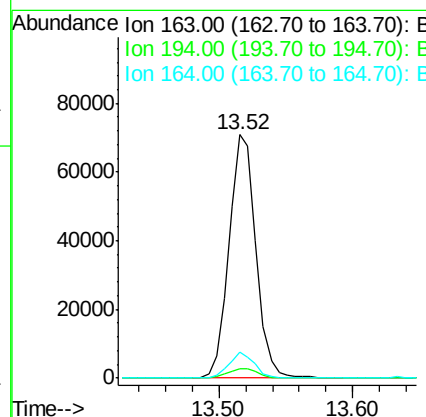
RT: 13.52 min Scan# 1807

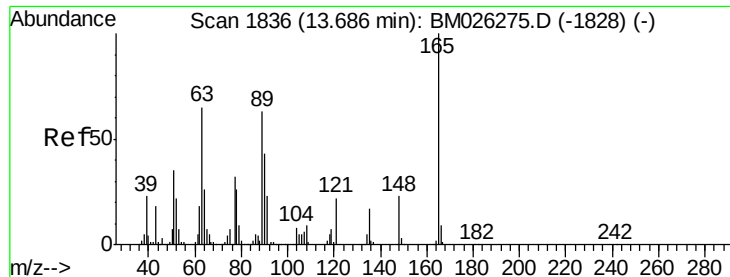
Delta R.T. -0.01 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 100045 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.0   | 3.4   | 5.2    |
| 164       | 10.5  | 7.8   | 11.8   |





#51

2,6-Dinitrotoluene

Concen: 4.644 ng

RT: 13.63 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

Instrument :

BNA\_M

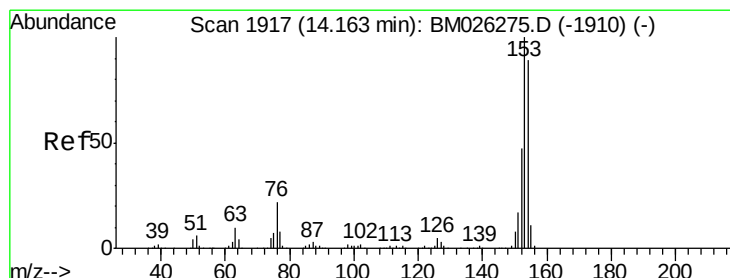
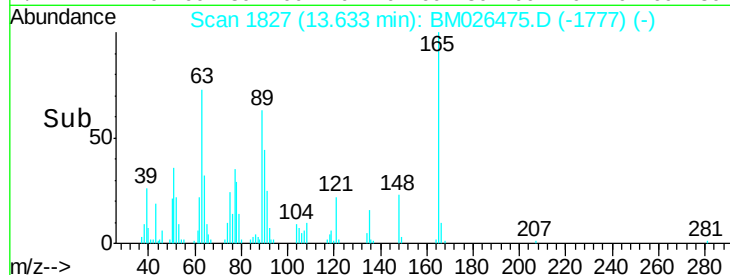
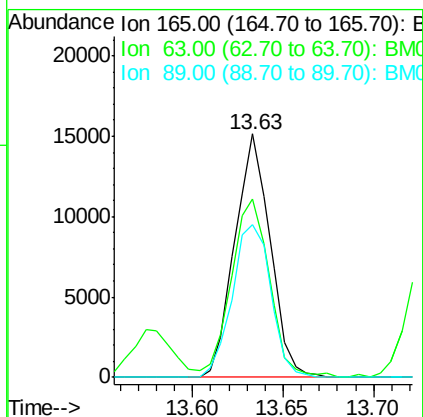
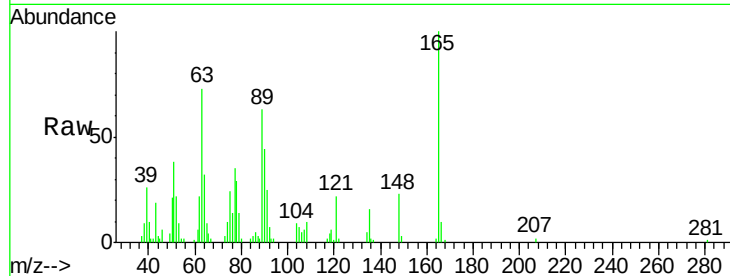
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 20581 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 73.3  | 54.3  | 81.5  |
| 89        | 63.0  | 51.5  | 77.3  |

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#52

Acenaphthene

Concen: 4.903 ng

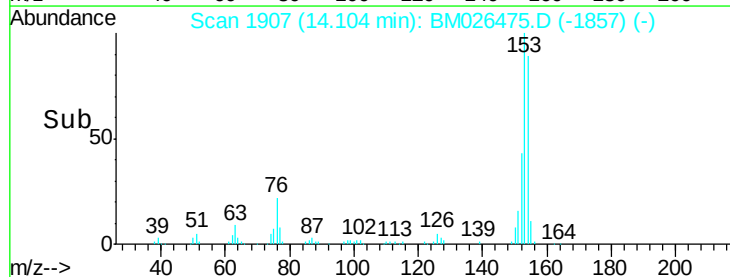
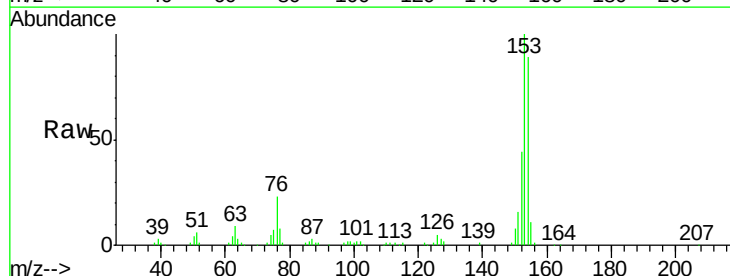
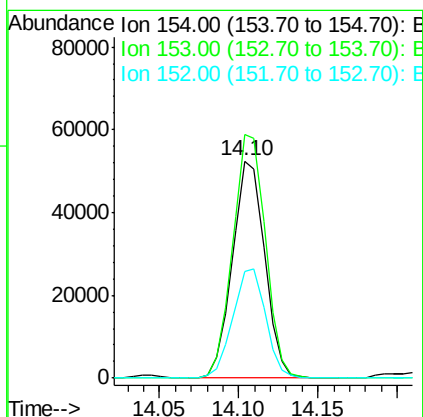
RT: 14.10 min Scan# 1907

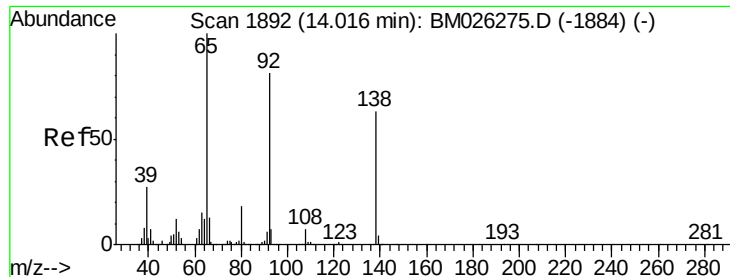
Delta R.T. -0.01 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 74016 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 112.2 | 88.6  | 132.8 |
| 152       | 49.2  | 42.0  | 63.0  |





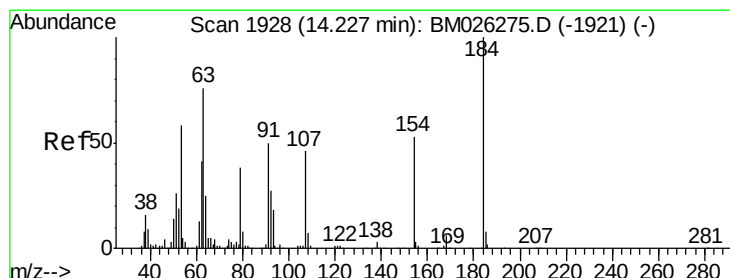
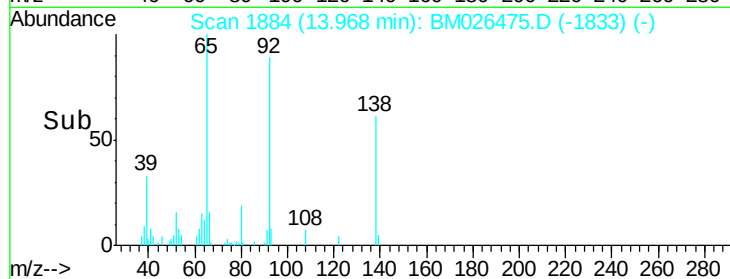
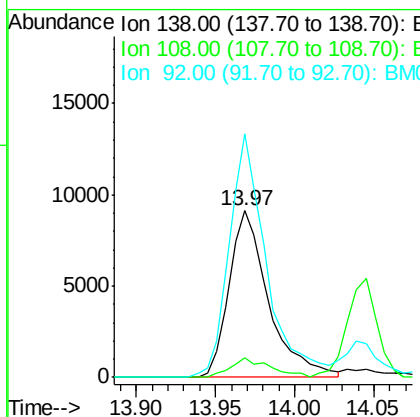
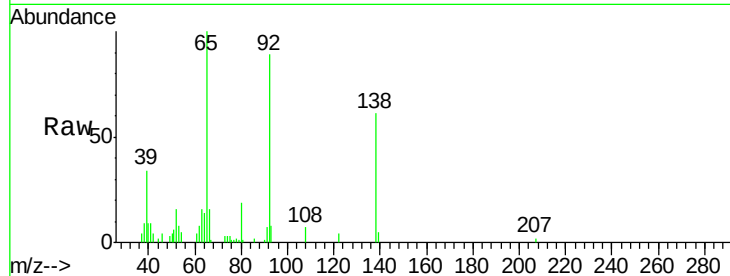
#53  
3-Nitroaniline  
Concen: 3.214 ng  
RT: 13.97 min Scan# 1884  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.2  | 9.4   | 14.0  |
| 92      | 146.2 | 105.4 | 158.2 |

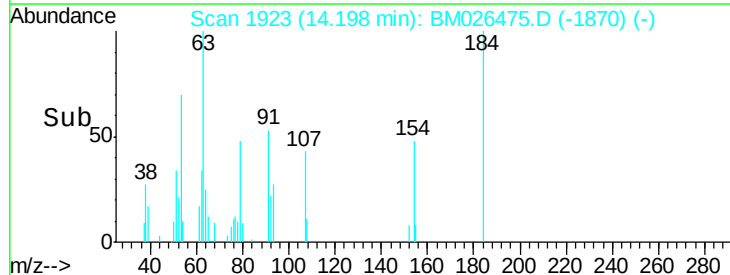
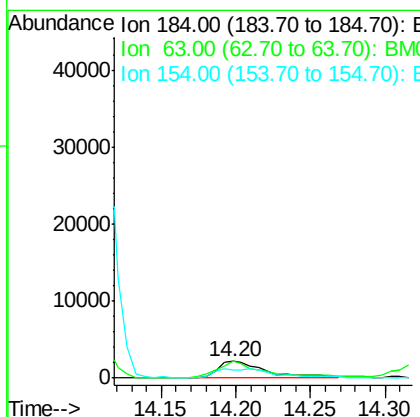
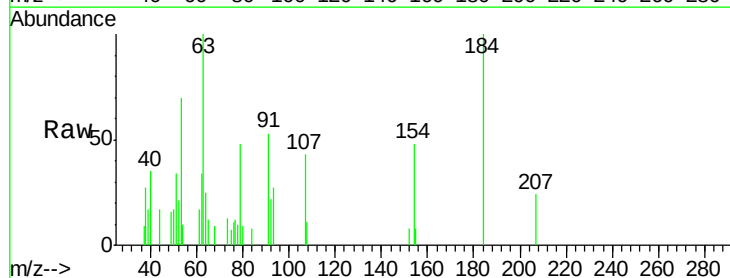
Manual Integrations  
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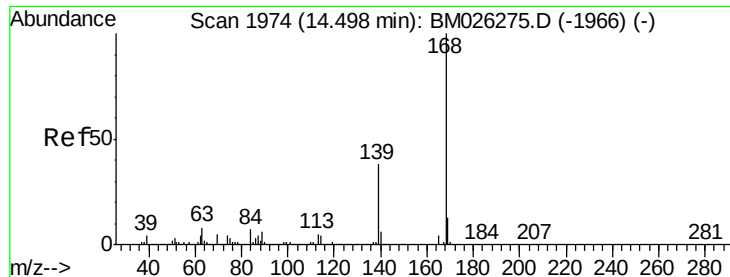
mohammad  
6/22/2020 3:23:34 PM



#54  
2,4-Dinitrophenol  
Concen: 1.866 ng  
RT: 14.20 min Scan# 1923  
Delta R.T. 0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 99.8  | 61.8  | 92.6# |
| 154     | 48.0  | 53.1  | 79.7# |





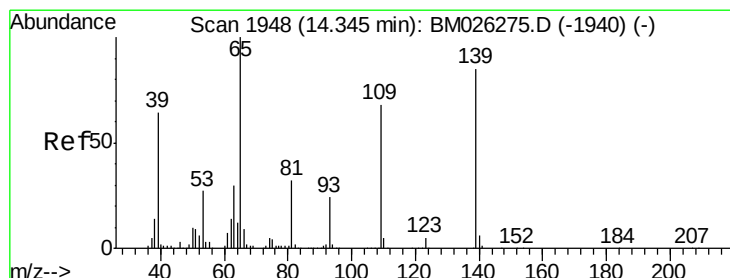
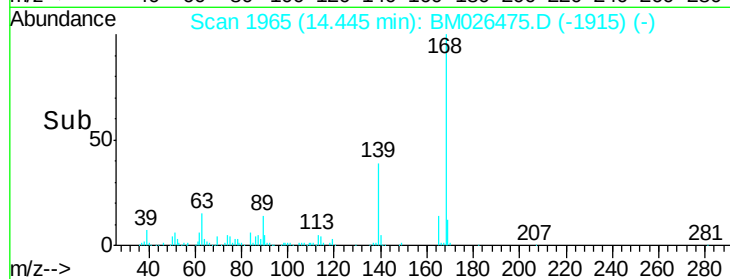
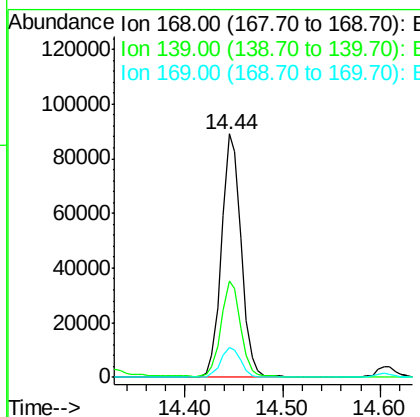
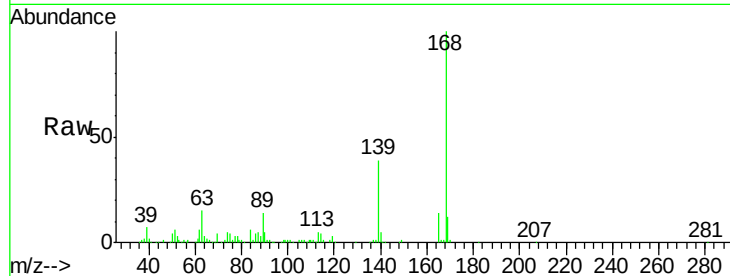
#55  
Dibenzenofuran  
Concen: 5.081 ng  
RT: 14.44 min Scan# 1965  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.3  | 31.4  | 47.0  |
| 169     | 12.2  | 10.7  | 16.1  |

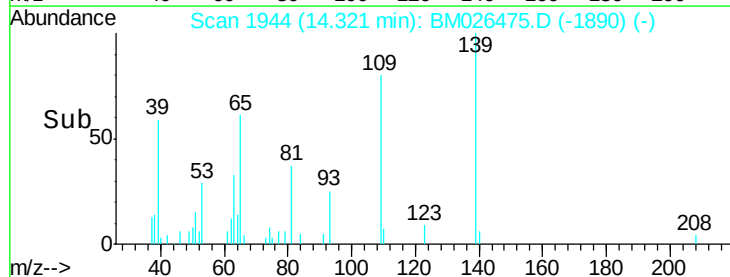
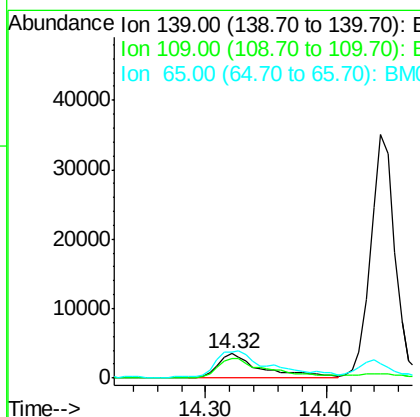
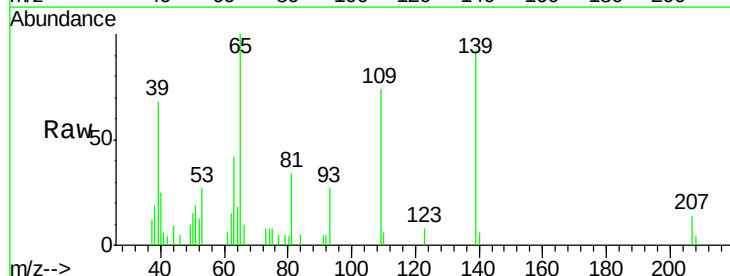
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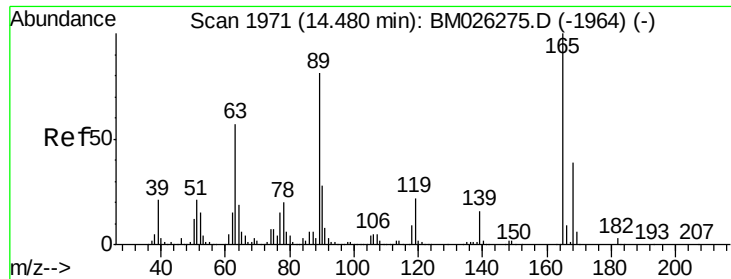


#56  
4-Nitrophenol  
Concen: 2.279 ng  
RT: 14.32 min Scan# 1944  
Delta R.T. 0.02 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 80.2  | 64.9  | 104.9 |
| 65      | 108.5 | 98.1  | 138.1 |







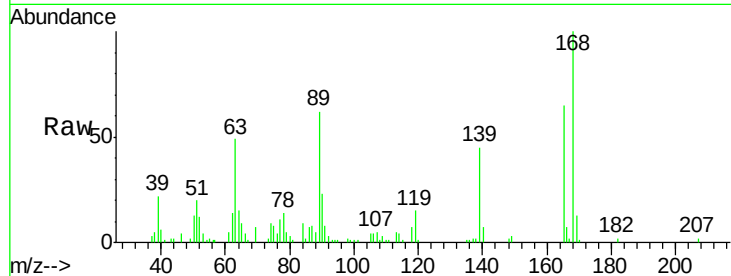
#57  
2,4-Dinitrotoluene  
Concen: 4.107 ng  
RT: 14.43 min Scan# 1963  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 75.9  | 48.1  | 72.1# |
| 89      | 95.5  | 65.6  | 98.4  |
| 182     | 2.7   | 2.7   | 4.1   |

Manual Integrations  
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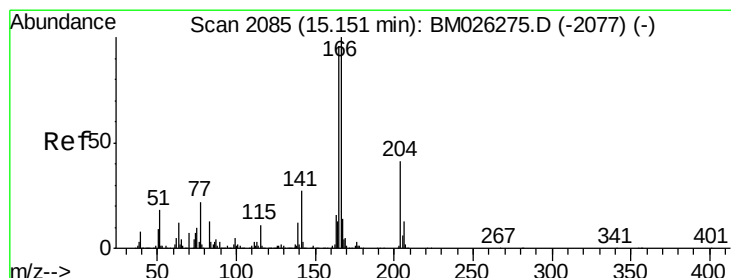
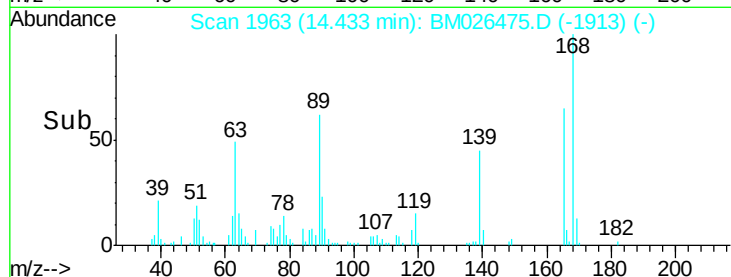
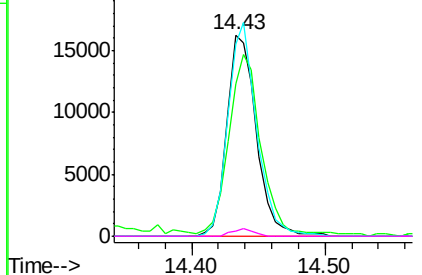
Abundance

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: 4.918 ng  
RT: 15.10 min Scan# 2077  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

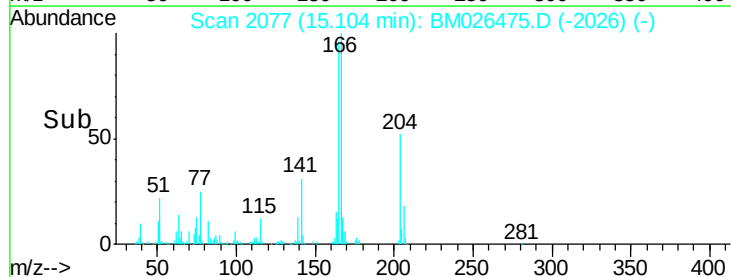
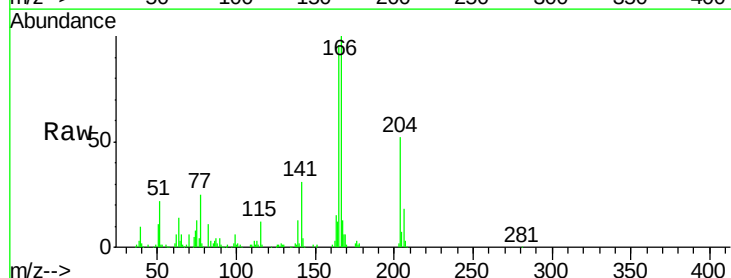
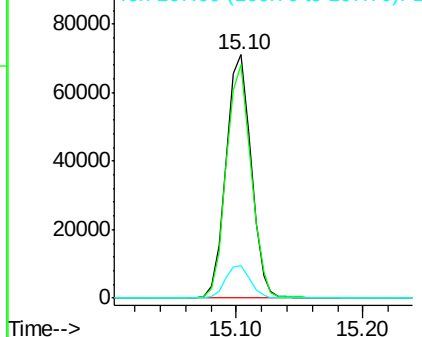
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.0  | 77.5  | 116.3 |
| 167     | 13.1  | 10.9  | 16.3  |

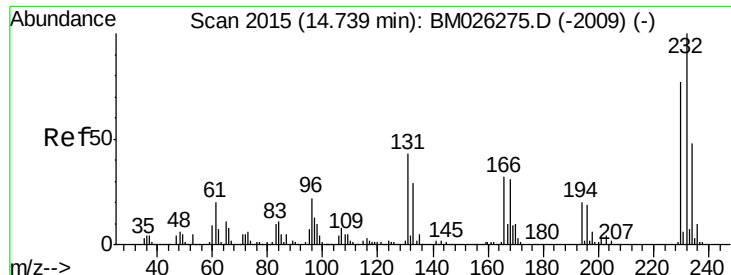
Abundance

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





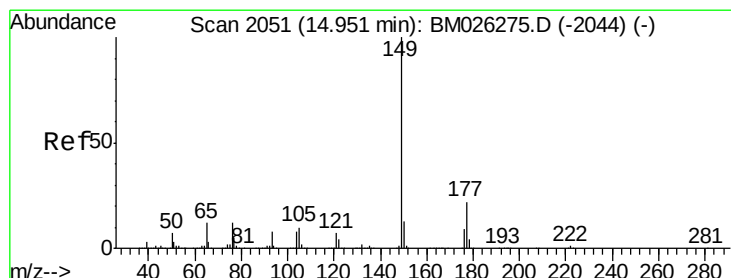
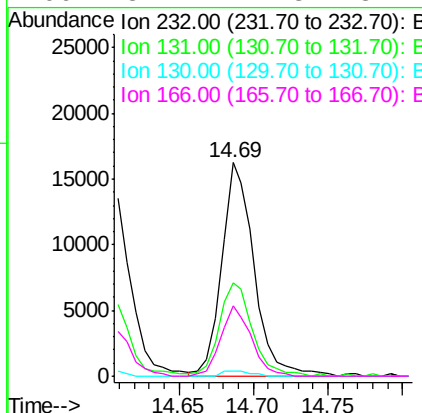
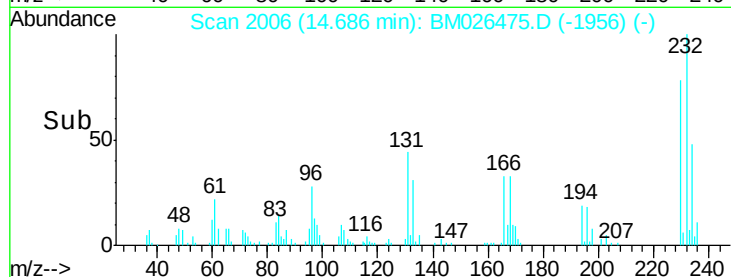
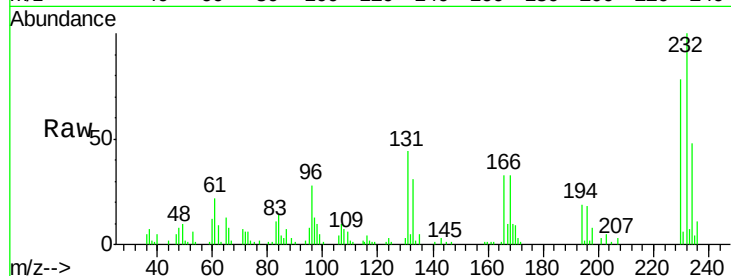
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.676 ng  
RT: 14.69 min Scan# 2006  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.1  | 36.4  | 54.6  |
| 130     | 2.3   | 2.0   | 3.0   |
| 166     | 31.1  | 24.8  | 37.2  |

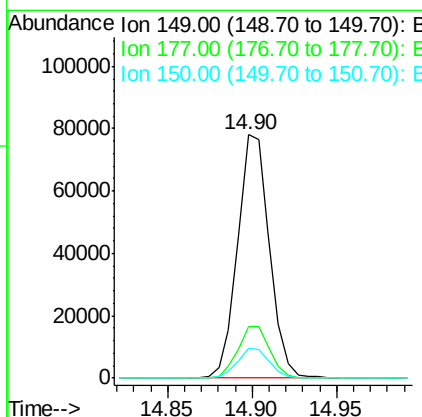
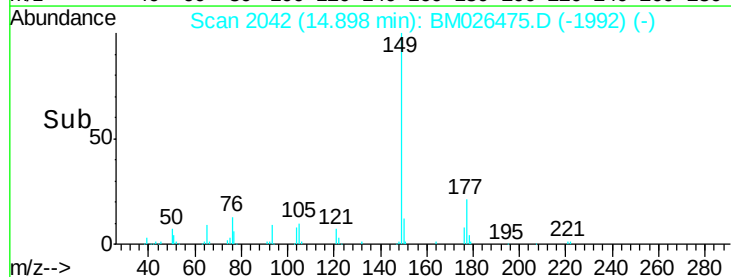
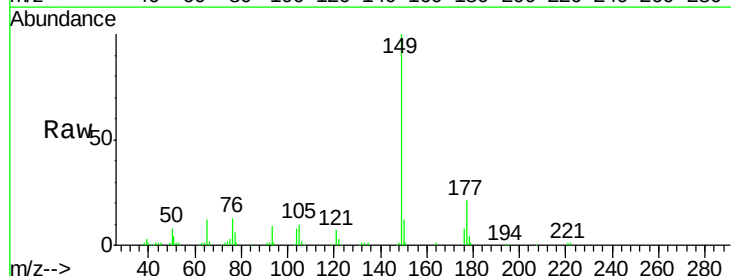
Manual Integrations  
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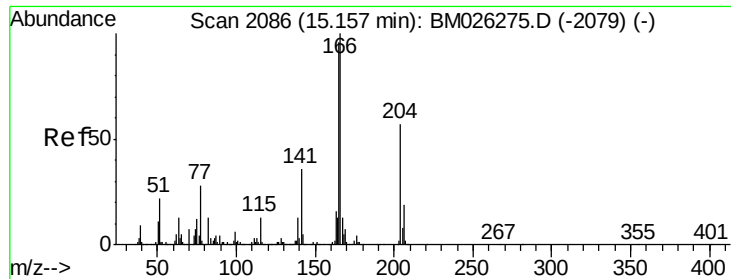
mohammad  
6/22/2020 3:23:34 PM



#60  
Diethylphthalate  
Concen: 4.986 ng  
RT: 14.90 min Scan# 2042  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.3  | 17.6  | 26.4  |
| 150     | 12.4  | 9.9   | 14.9  |





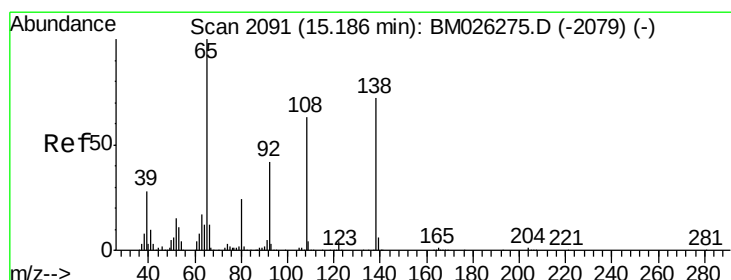
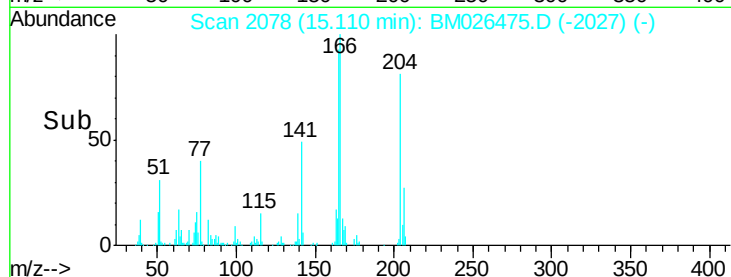
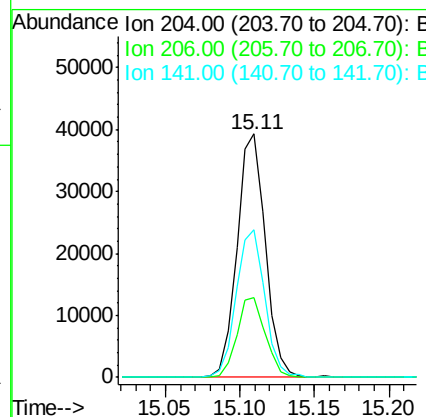
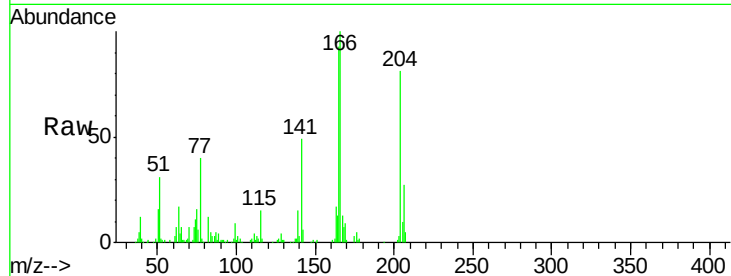
#61  
4-Chlorophenyl-phenylether  
Concen: 4.971 ng  
RT: 15.11 min Scan# 2078  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.8  | 26.6  | 40.0  |
| 141     | 60.5  | 49.4  | 74.2  |

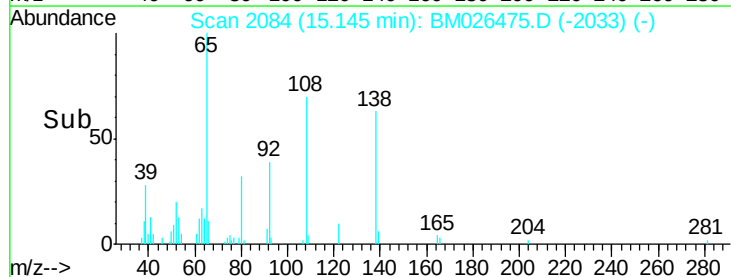
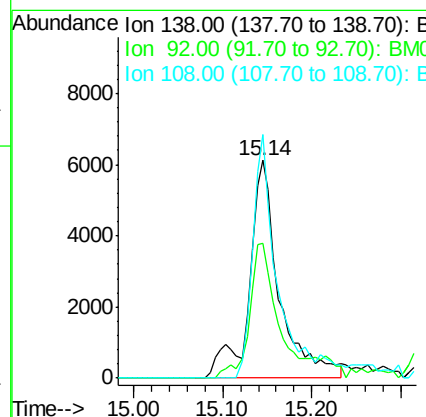
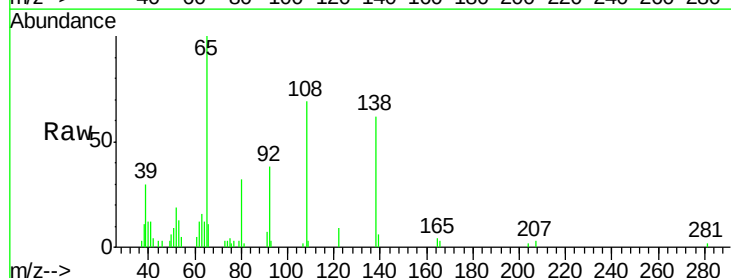
Manual Integrations  
APPROVED

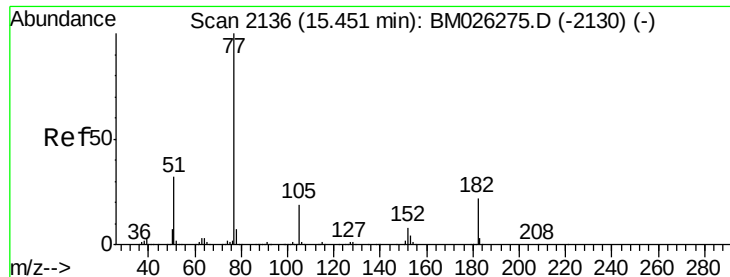
mohammad  
6/22/2020 3:23:34 PM



#62  
4-Nitroaniline  
Concen: 2.773 ng m  
RT: 15.14 min Scan# 2084  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 62.1  | 37.5  | 77.5   |
| 108     | 111.7 | 66.3  | 106.3# |





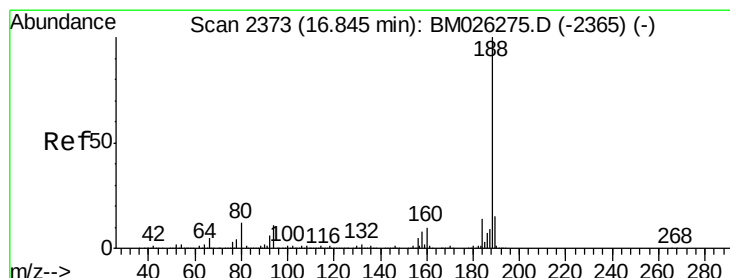
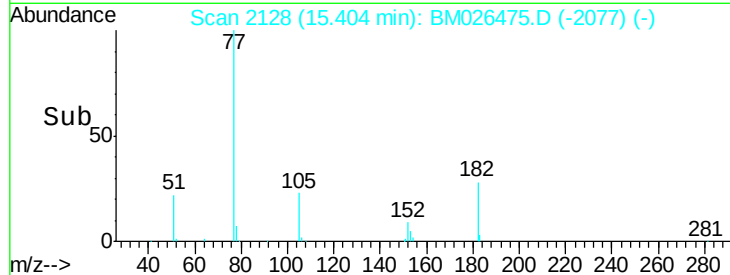
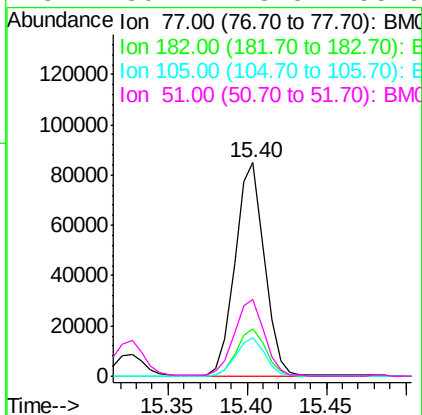
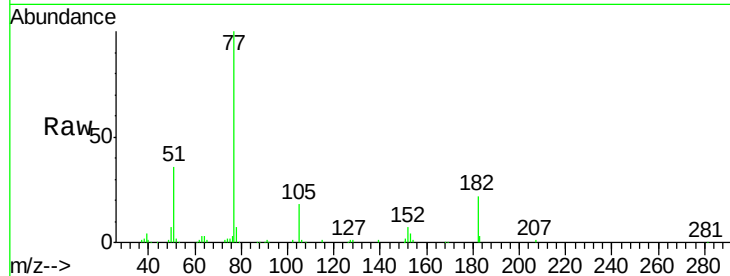
#63  
Azobenzene  
Concen: 4.832 ng  
RT: 15.40 min Scan# 2128  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 77      | 100  |       |      |       |       |
| 182     | 22.1 | 2.1   | 42.1 |       |       |
| 105     | 18.0 | 0.0   | 38.3 |       |       |
| 51      | 36.1 | 13.5  | 53.5 |       |       |

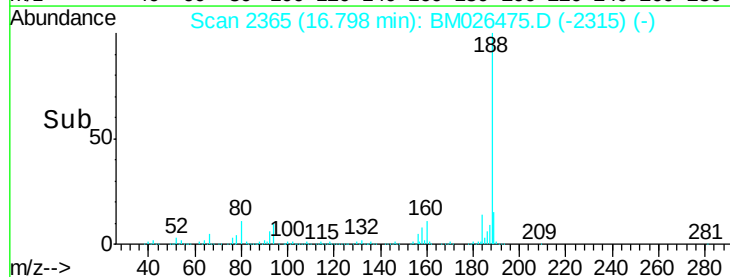
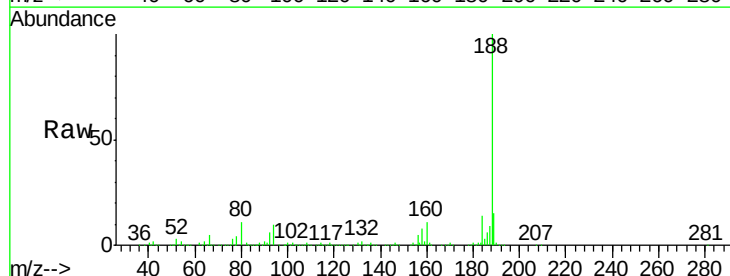
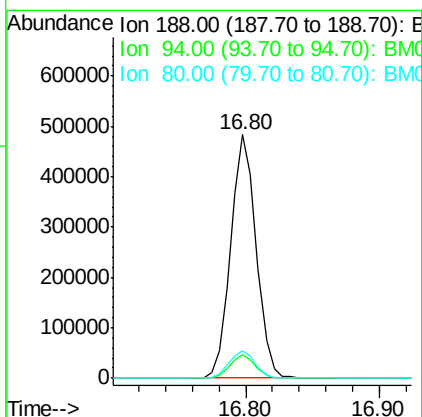
Manual Integrations  
APPROVED

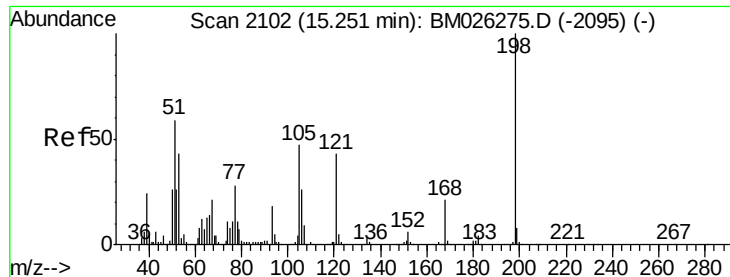
mohammad  
6/22/2020 3:23:34 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.80 min Scan# 2365  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 188     | 100  |       |      |       |       |
| 94      | 9.9  | 7.8   | 11.6 |       |       |
| 80      | 11.3 | 9.5   | 14.3 |       |       |





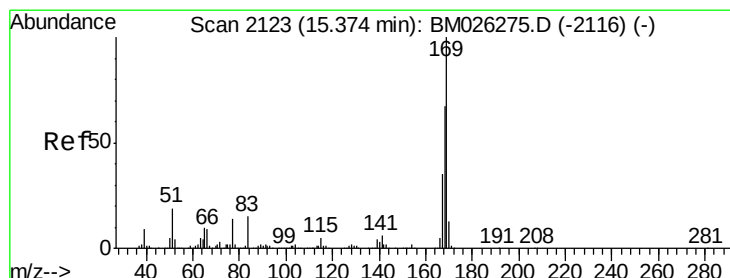
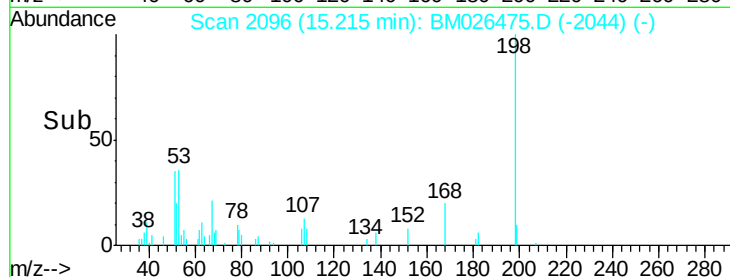
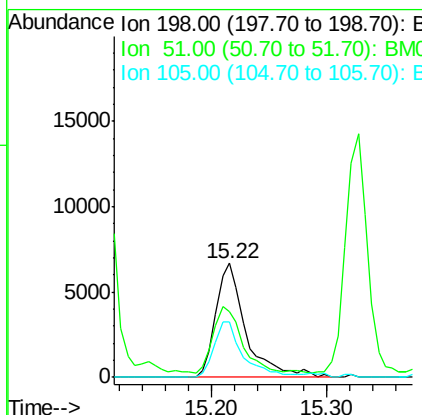
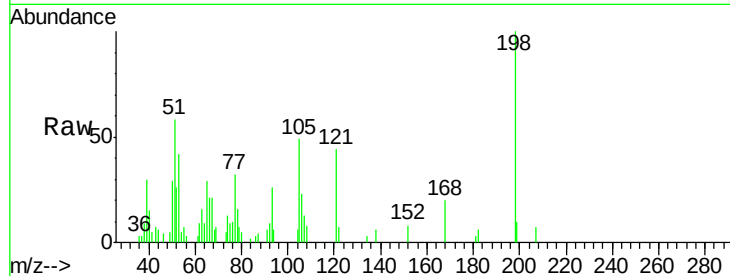
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 3.058 ng  
 RT: 15.22 min Scan# 2096  
 Delta R.T. 0.01 min  
 Lab File: BM026475.D  
 Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 11988 |       |       |
| 51      | 57.7  |       | 35.6  | 75.6  |
| 105     | 49.1  |       | 24.3  | 64.3  |

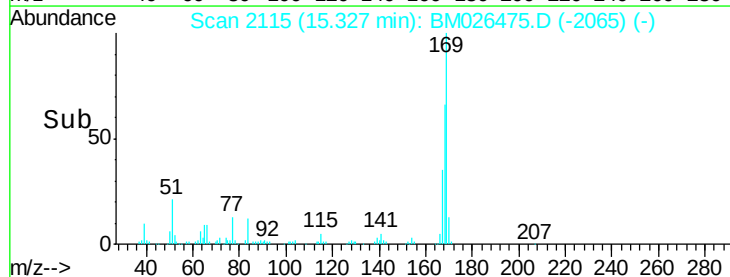
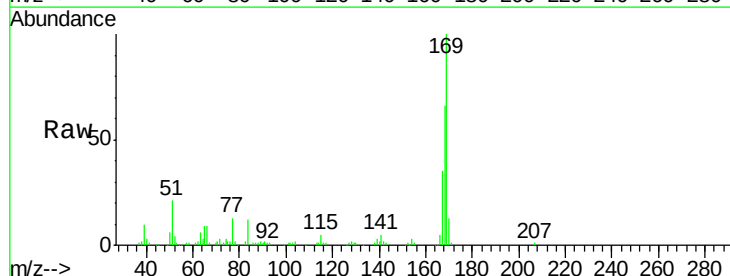
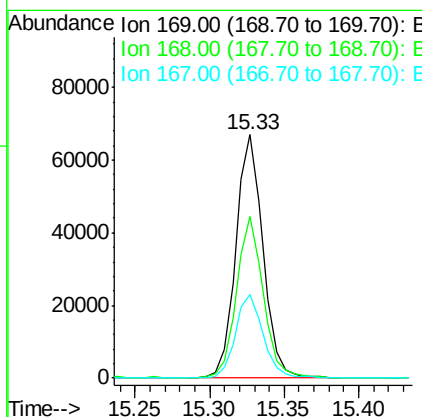
Manual Integrations  
 APPROVED

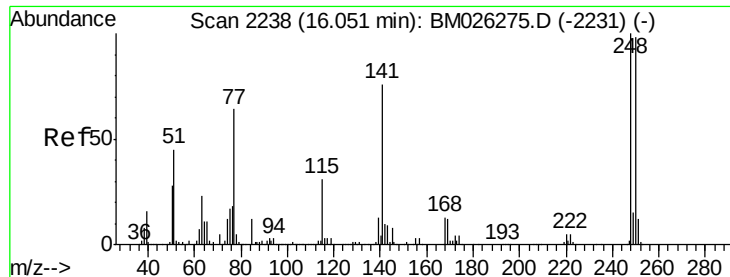
mohammad  
 6/22/2020 3:23:34 PM



#66  
 n-Nitrosodiphenylamine  
 Concen: 4.541 ng  
 RT: 15.33 min Scan# 2115  
 Delta R.T. -0.01 min  
 Lab File: BM026475.D  
 Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 169     | 100   | 84807 |       |       |
| 168     | 66.4  |       | 51.6  | 77.4  |
| 167     | 34.6  |       | 28.2  | 42.4  |





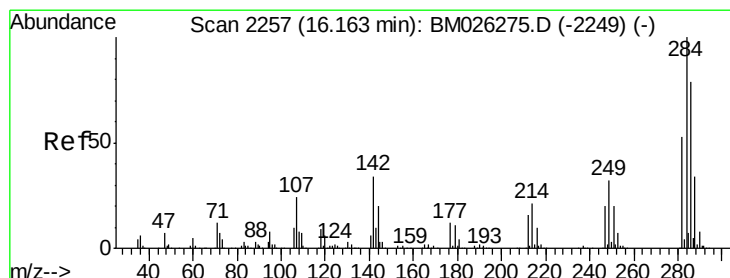
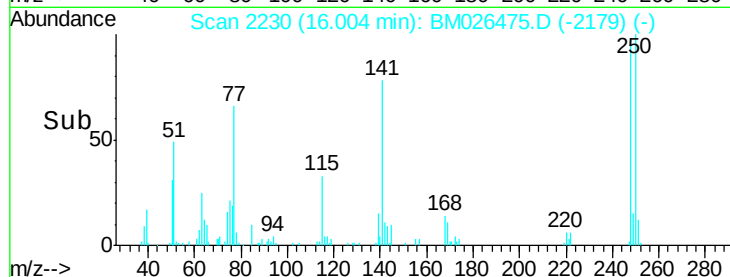
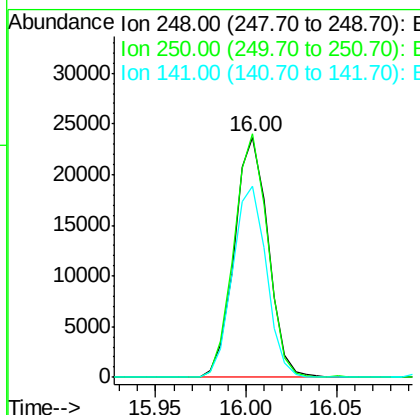
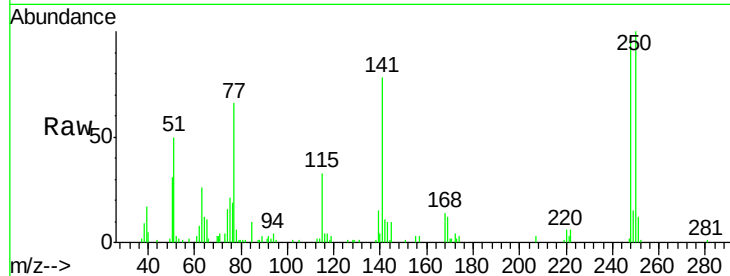
#67  
4-Bromophenyl-phenylether  
Concen: 4.328 ng  
RT: 16.00 min Scan# 2230  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 101.6 | 78.4  | 117.6 |
| 141     | 79.7  | 60.6  | 91.0  |

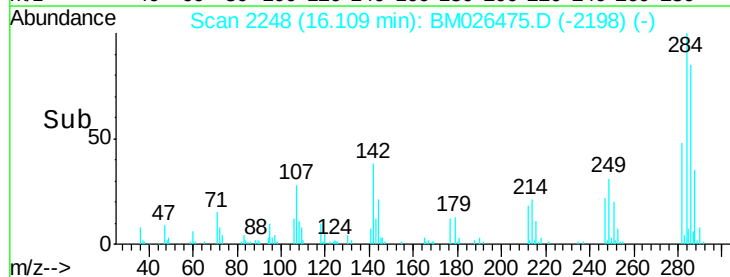
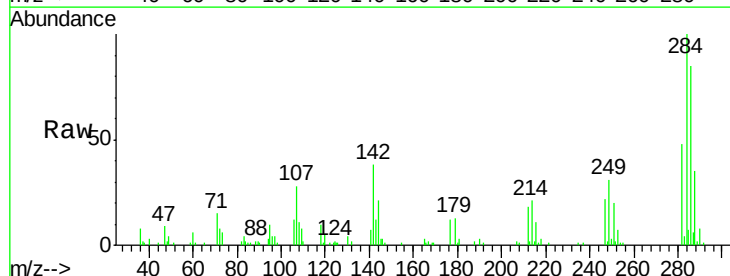
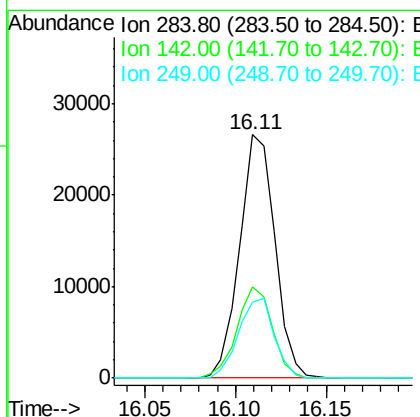
Manual Integrations  
APPROVED

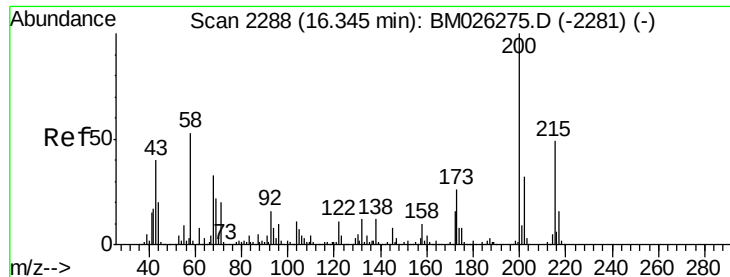
mohammad  
6/22/2020 3:23:34 PM



#68  
Hexachlorobenzene  
Concen: 4.875 ng  
RT: 16.11 min Scan# 2248  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 37.7  | 29.1  | 43.7  |
| 249     | 31.0  | 27.2  | 40.8  |





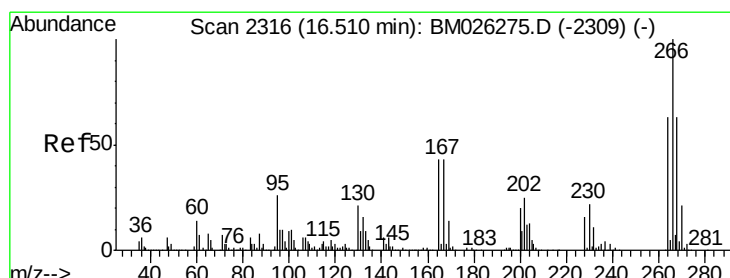
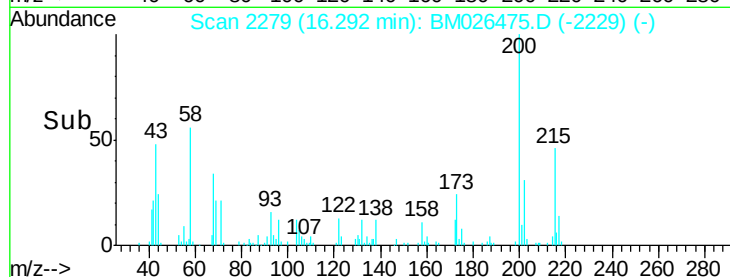
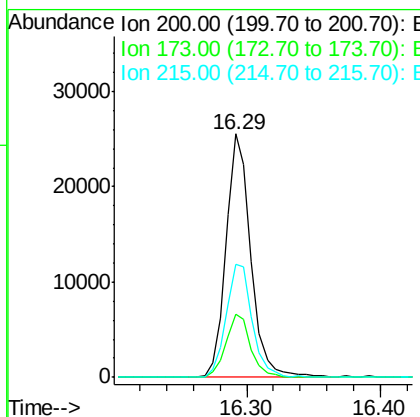
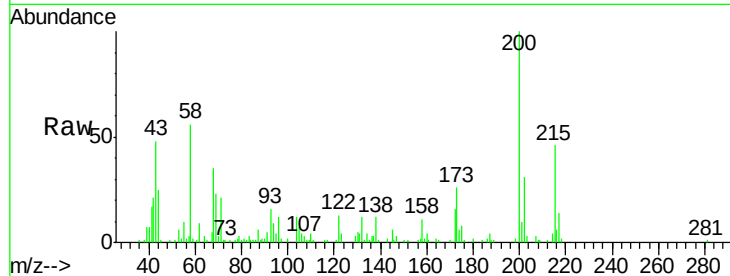
#69  
Atrazine  
Concen: 5.957 ng  
RT: 16.29 min Scan# 2279  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.0  | 6.6   | 46.6  |
| 215     | 46.2  | 29.8  | 69.8  |

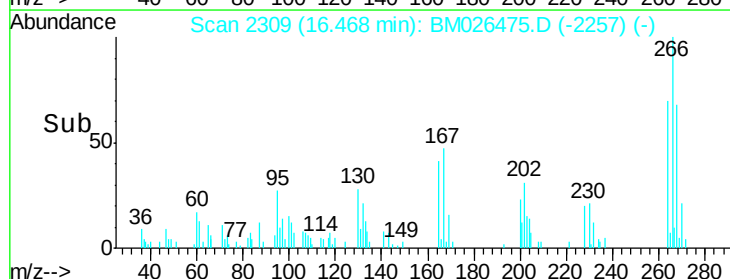
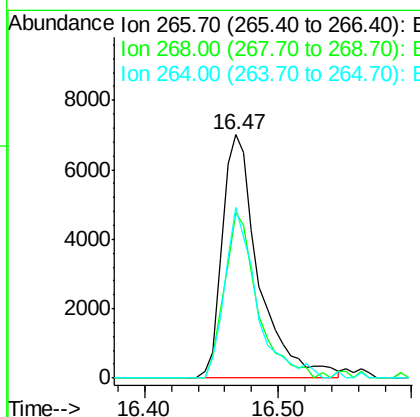
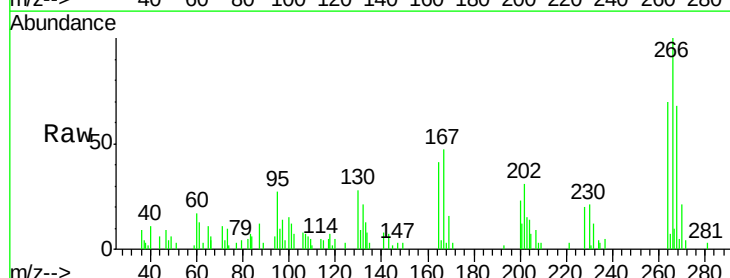
Manual Integrations  
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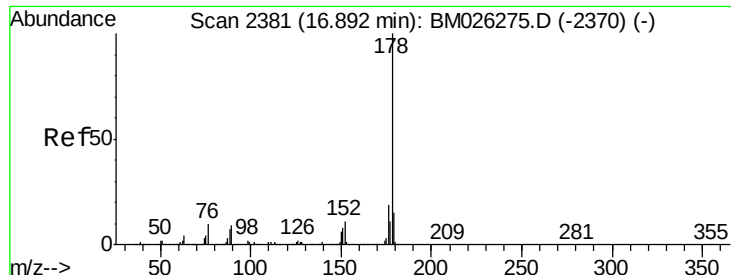
mohammad  
6/22/2020 3:23:34 PM



#70  
Pentachlorophenol  
Concen: 2.999 ng  
RT: 16.47 min Scan# 2309  
Delta R.T. 0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 68.1  | 50.2  | 75.4  |
| 264     | 70.1  | 50.6  | 75.8  |





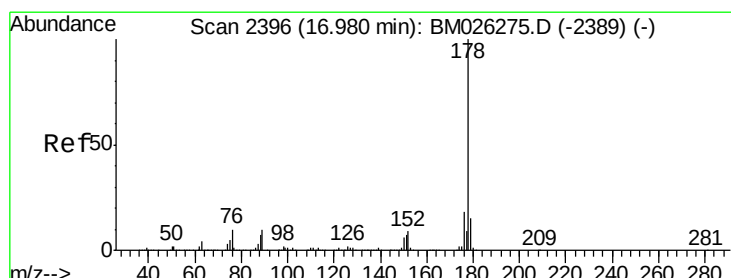
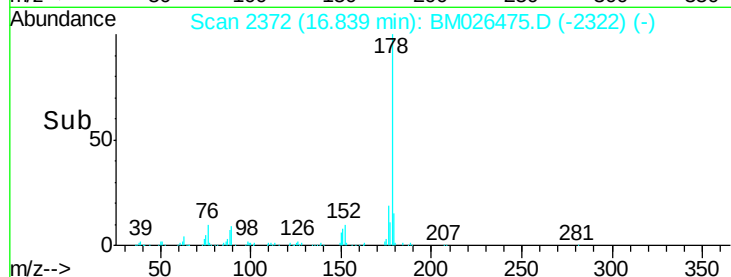
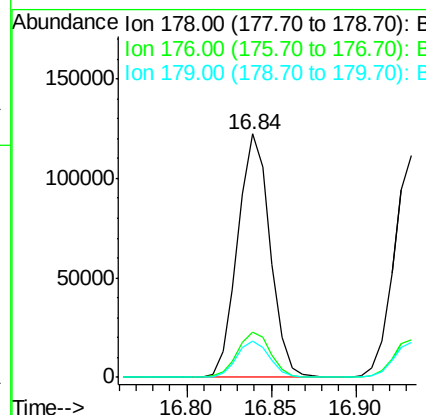
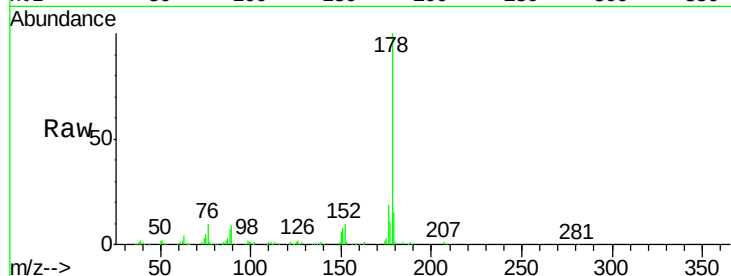
#71  
Phenanthrene  
Concen: 4.879 ng  
RT: 16.84 min Scan# 2372  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.1  | 22.7  |
| 179     | 15.0  | 12.3  | 18.5  |

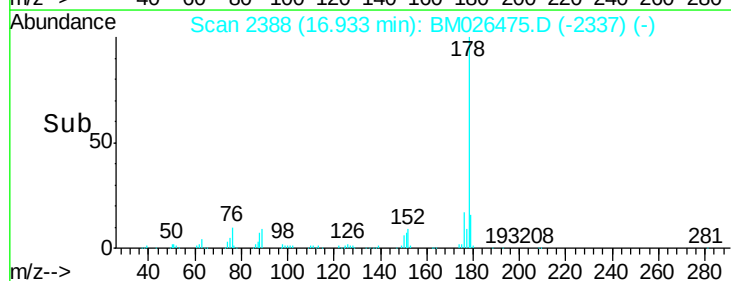
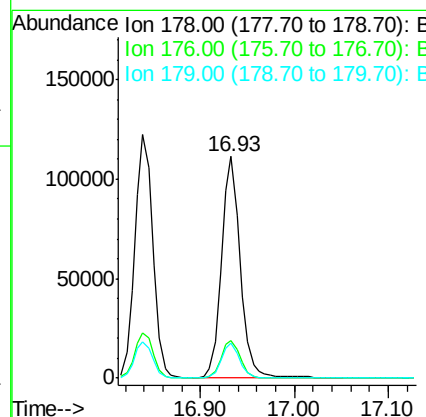
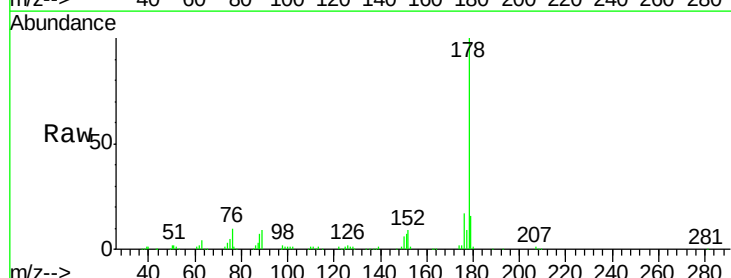
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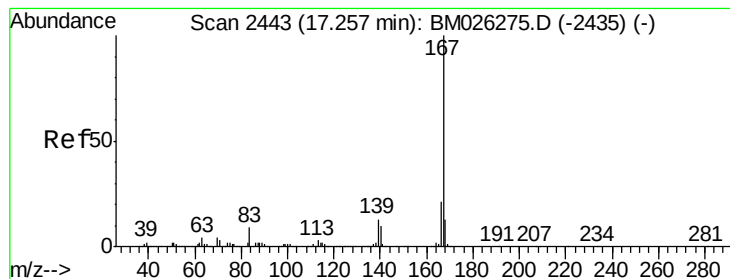


#72  
Anthracene  
Concen: 4.636 ng  
RT: 16.93 min Scan# 2388  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.1  | 14.5  | 21.7  |
| 179     | 15.8  | 12.3  | 18.5  |







#73

Carbazole

Concen: 4.317 ng

RT: 17.22 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

Instrument :

BNA\_M

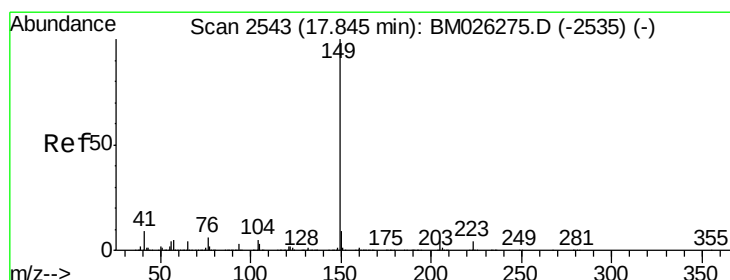
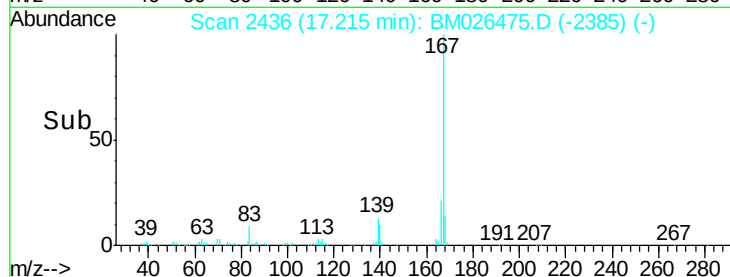
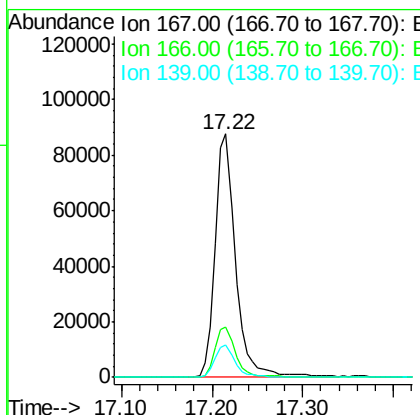
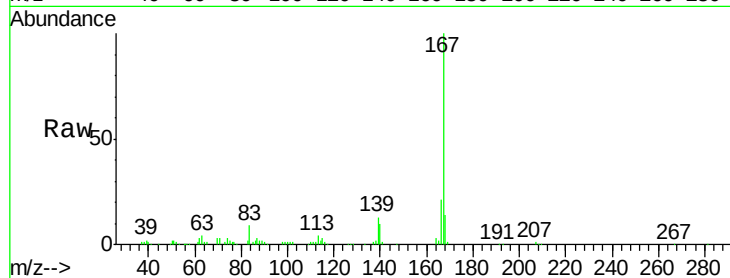
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 137180 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 20.6  | 16.9  | 25.3   |
| 139       | 13.5  | 10.2  | 15.4   |

Manual Integrations  
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#74

Di-n-butylphthalate

Concen: 4.430 ng

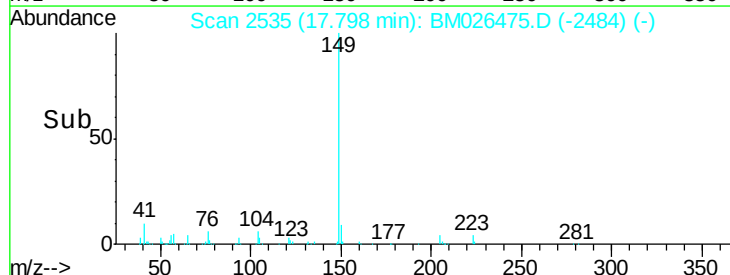
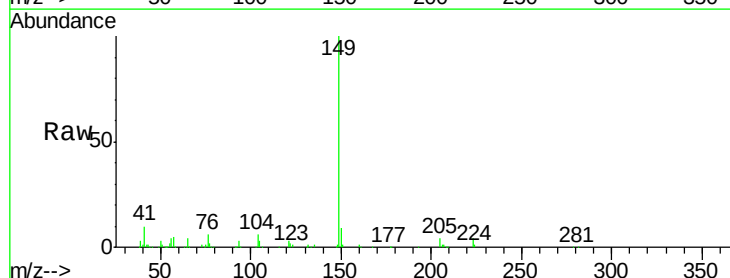
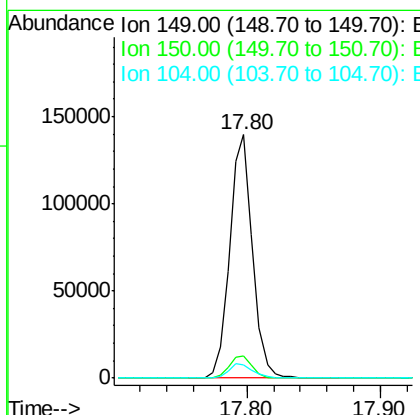
RT: 17.80 min Scan# 2535

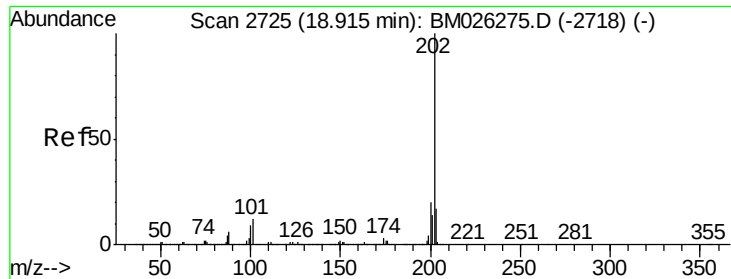
Delta R.T. 0.00 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 166002 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.3   | 7.1   | 10.7   |
| 104       | 5.6   | 4.2   | 6.2    |





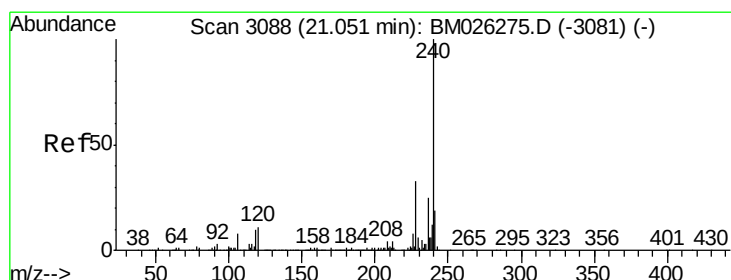
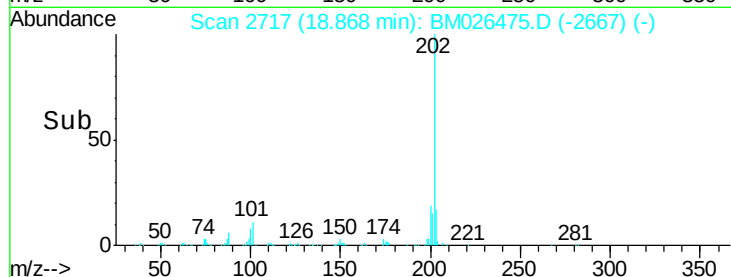
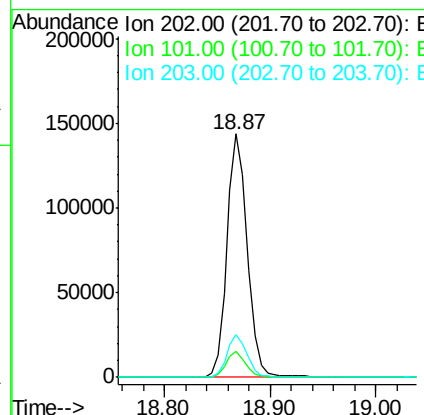
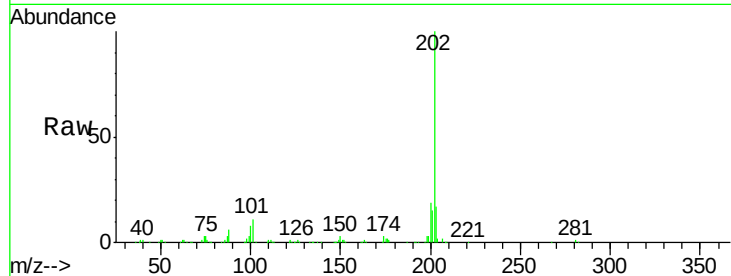
#75  
Fluoranthene  
Concen: 4.998 ng  
RT: 18.87 min Scan# 2717  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 10.8  | 0.0        | 31.9  |
| 203     | 17.3  | 0.0        | 37.5  |

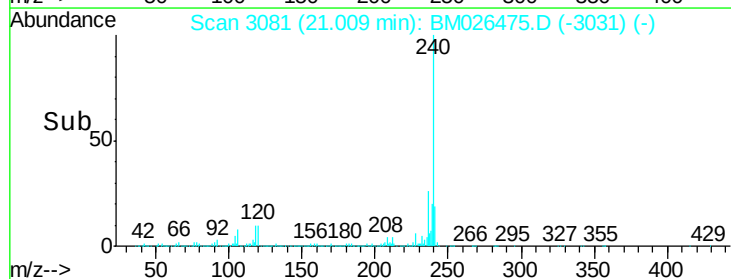
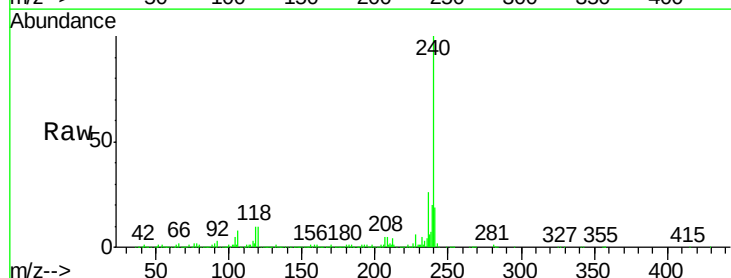
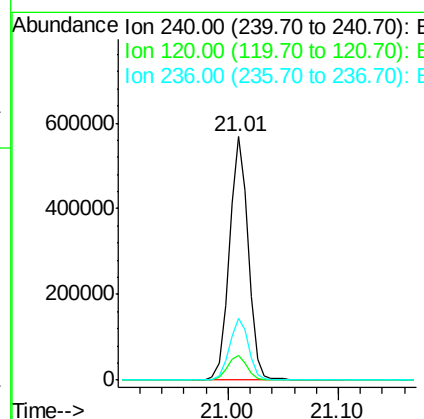
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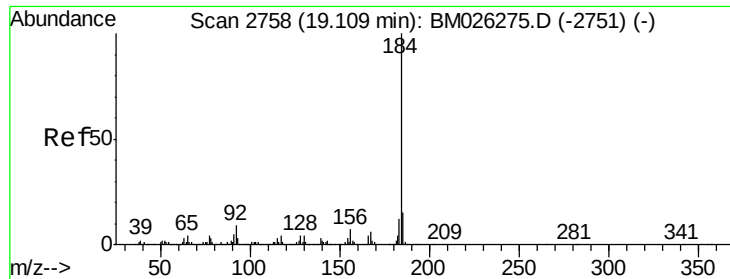
mohammad  
6/22/2020 3:23:34 PM



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.01 min Scan# 3081  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 10.2  | 9.3        | 13.9  |
| 236     | 25.6  | 19.4       | 29.0  |





#77

Benzidine

Concen: 3.627 ng

RT: 19.07 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:184 Resp: 51006

Ion Ratio Lower Upper

184 100

185 15.2 11.2 16.8

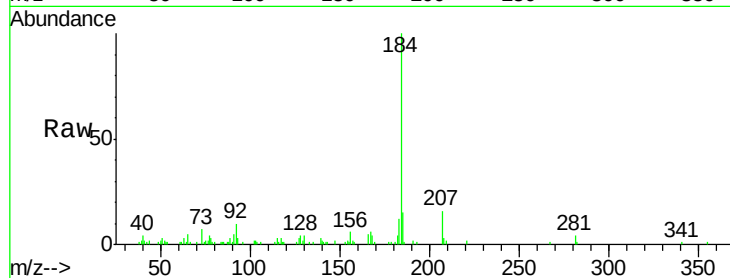
183 12.0 9.4 14.2

Manual Integrations

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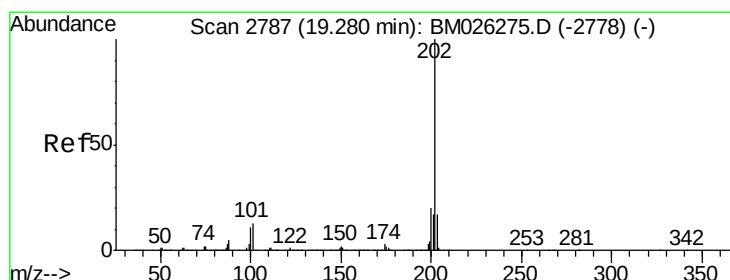
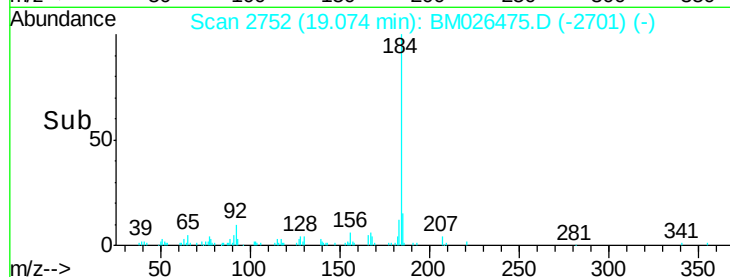
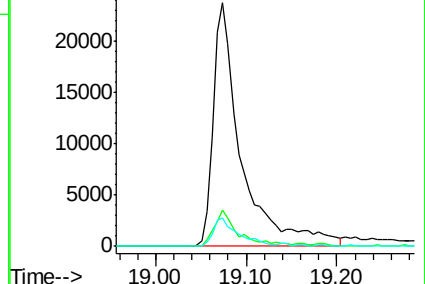
6/22/2020 3:23:34 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 4.570 ng

RT: 19.23 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

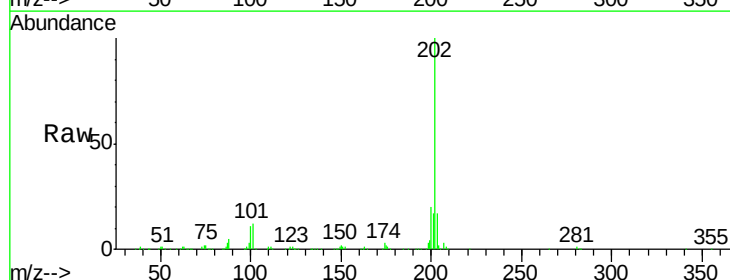
Tgt Ion:202 Resp: 204409

Ion Ratio Lower Upper

202 100

200 19.6 16.3 24.5

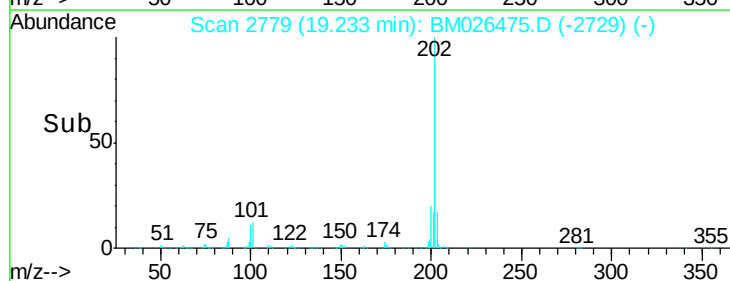
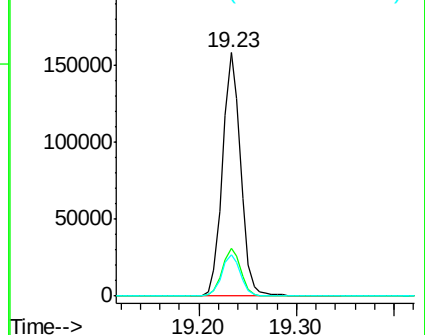
203 17.2 13.8 20.6

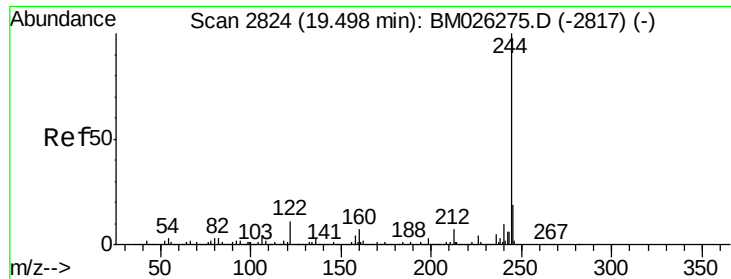


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





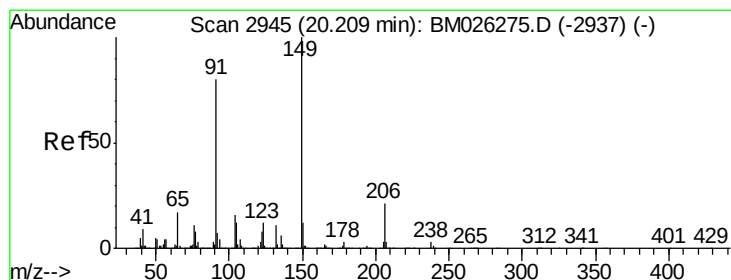
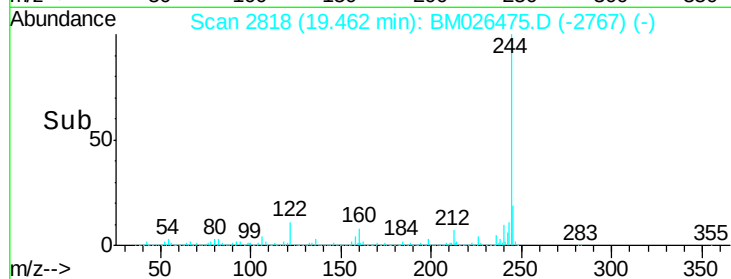
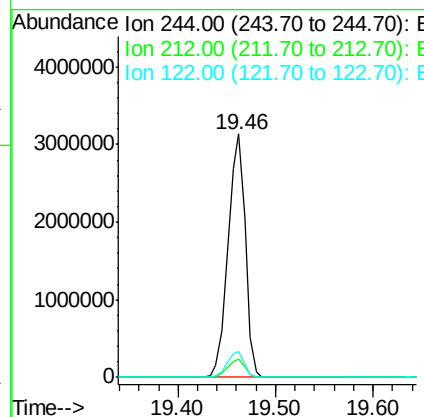
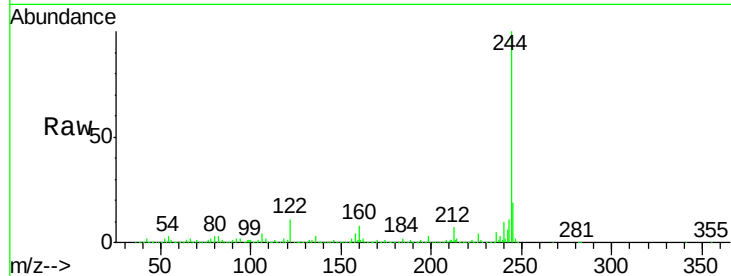
#79  
 Terphenyl-d14  
 Concen: 109.638 ng  
 RT: 19.46 min Scan# 2818  
 Delta R.T. 0.00 min  
 Lab File: BM026475.D  
 Acq: 19 Jun 2020 20:53

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

Tot Ion:244 Resp: 3823406  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.9 8.9  
 122 10.5 8.6 13.0

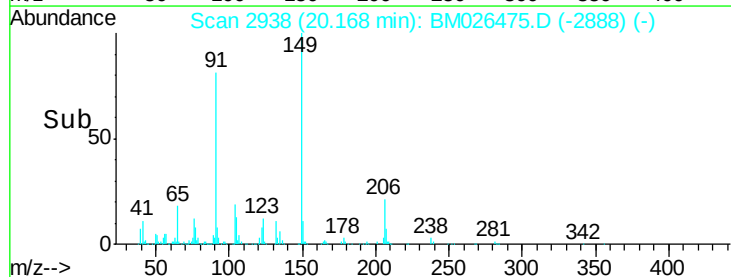
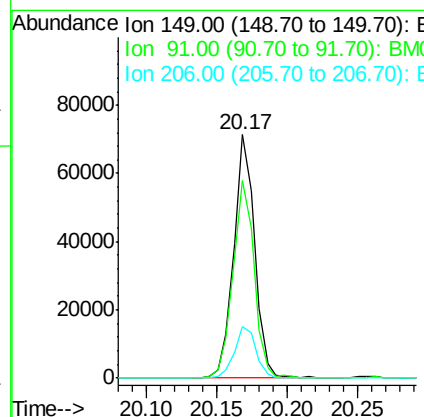
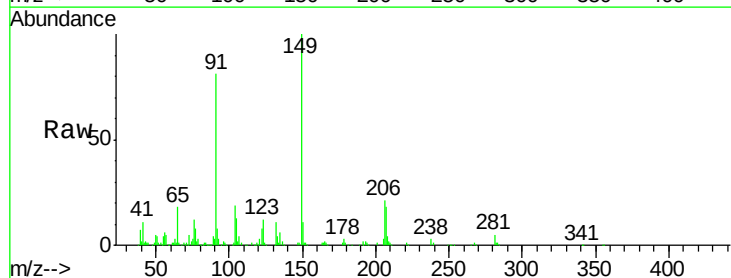
Manual Integrations  
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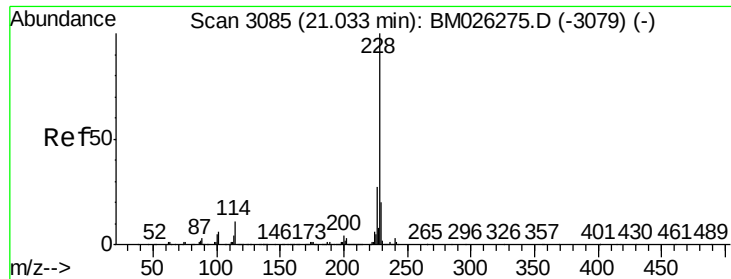
mohammad  
 6/22/2020 3:23:34 PM



#80  
 Butylbenzylphthalate  
 Concen: 4.102 ng  
 RT: 20.17 min Scan# 2938  
 Delta R.T. -0.01 min  
 Lab File: BM026475.D  
 Acq: 19 Jun 2020 20:53

Tgt Ion:149 Resp: 74194  
 Ion Ratio Lower Upper  
 149 100  
 91 81.2 64.6 97.0  
 206 21.1 17.6 26.4





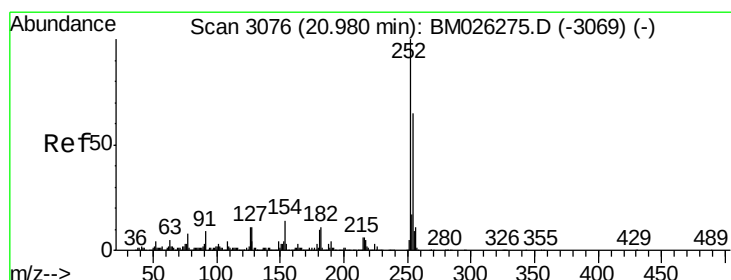
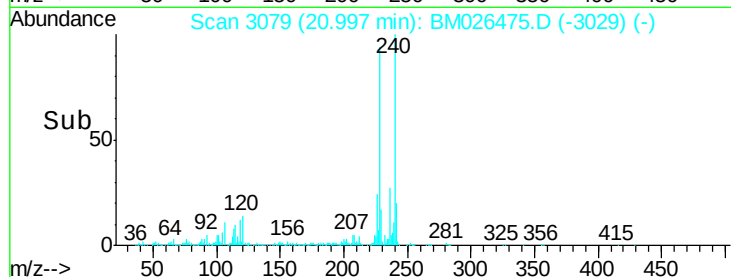
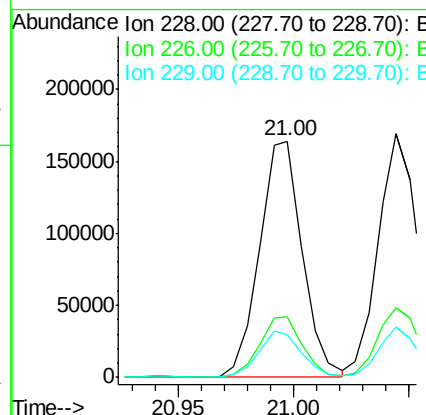
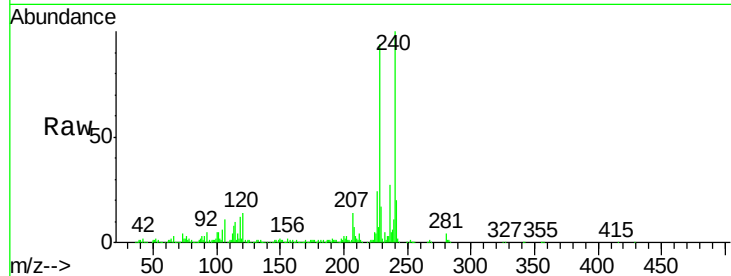
#81  
Benzo(a)anthracene  
Concen: 5.196 ng  
RT: 21.00 min Scan# 3079  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 25.7  | 21.1  | 31.7  |
| 229     | 18.3  | 15.7  | 23.5  |

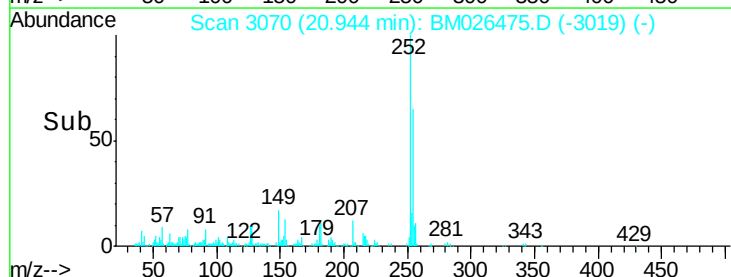
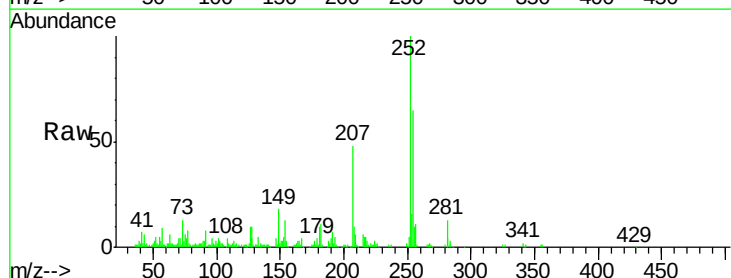
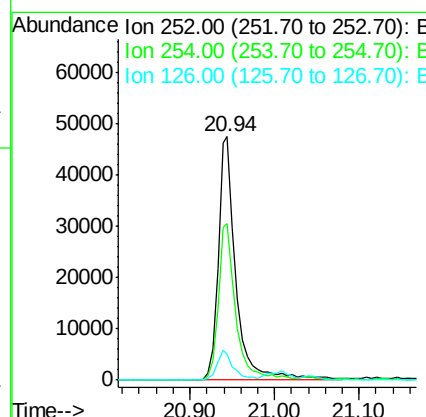
Manual Integrations  
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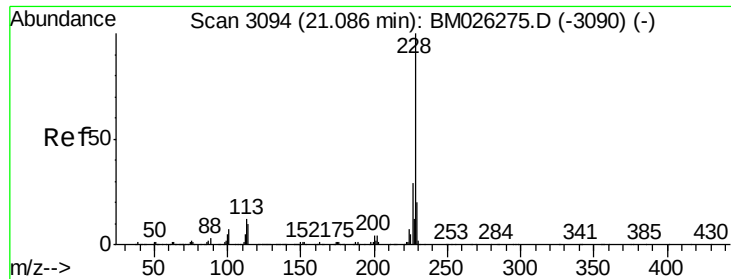
mohammad  
6/22/2020 3:23:34 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 5.645 ng  
RT: 20.94 min Scan# 3070  
Delta R.T. 0.00 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.5  | 51.0  | 76.6  |
| 126     | 10.5  | 9.2   | 13.8  |





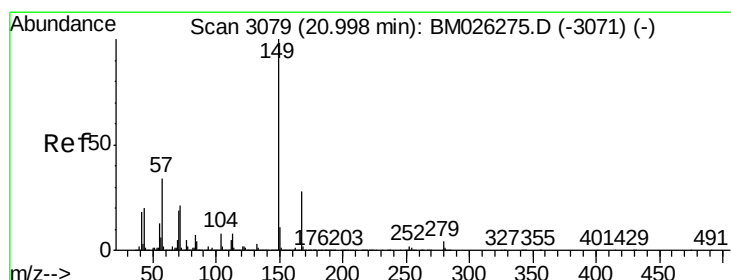
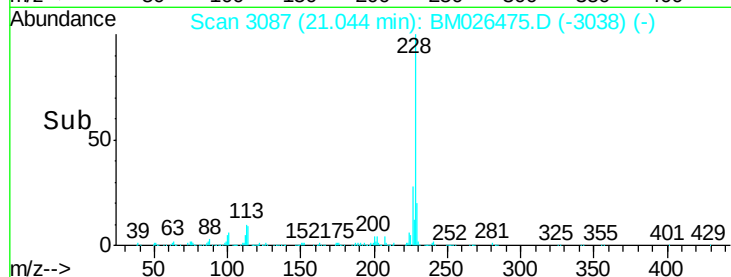
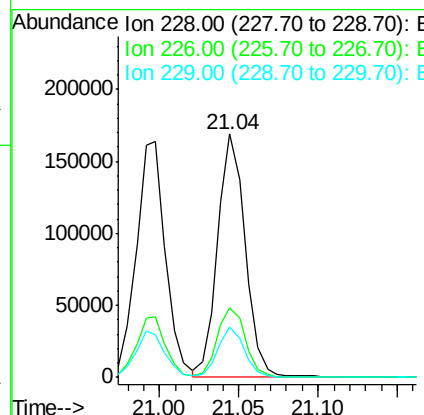
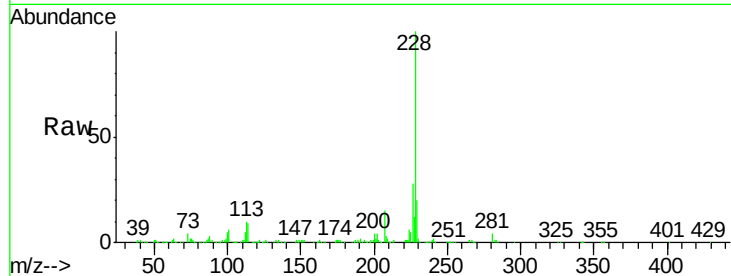
#83  
Chrysene  
Concen: 5.264 ng  
RT: 21.04 min Scan# 3087  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.5  | 23.8  | 35.6  |
| 229     | 20.4  | 15.5  | 23.3  |

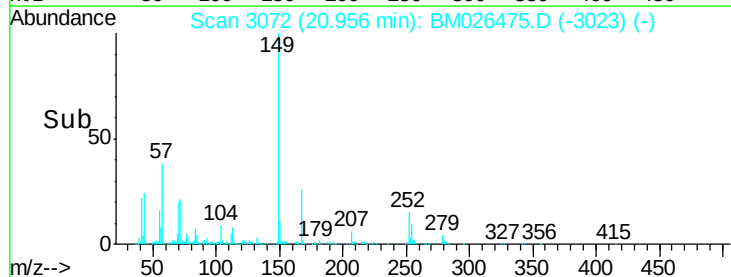
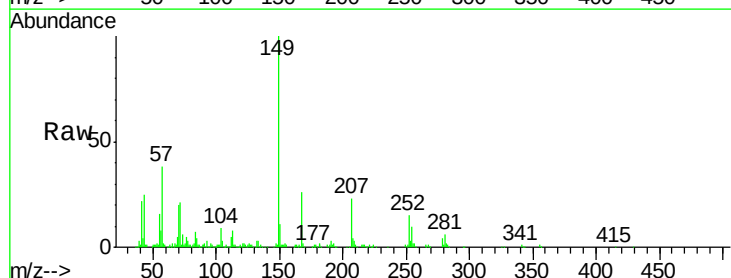
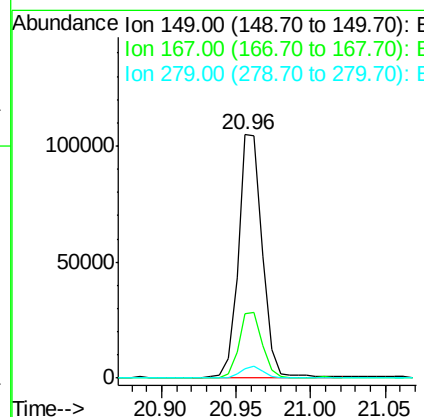
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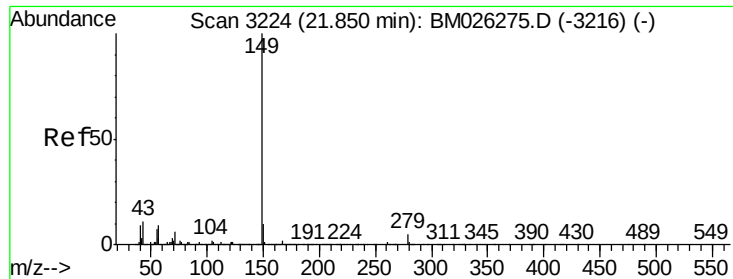
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.541 ng  
RT: 20.96 min Scan# 3072  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.4  | 22.0  | 33.0  |
| 279     | 4.0   | 3.7   | 5.5   |





#85

Di-n-octyl phthalate

Concen: 4.843 ng

RT: 21.80 min Scan# 3216

Delta R.T. -0.01 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

Instrument :

BNA\_M

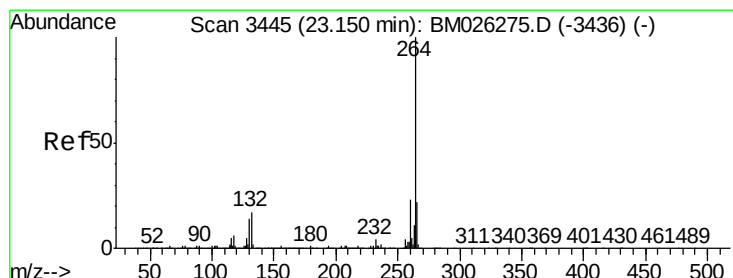
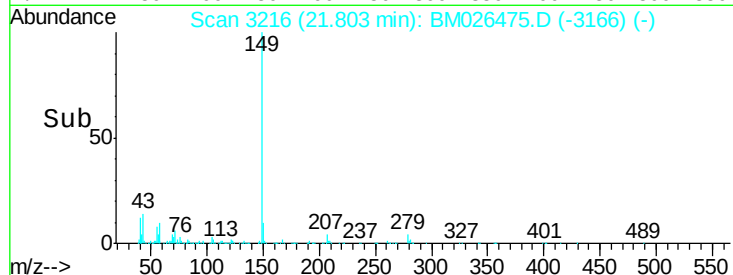
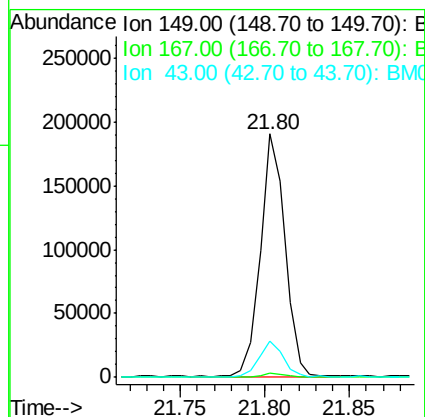
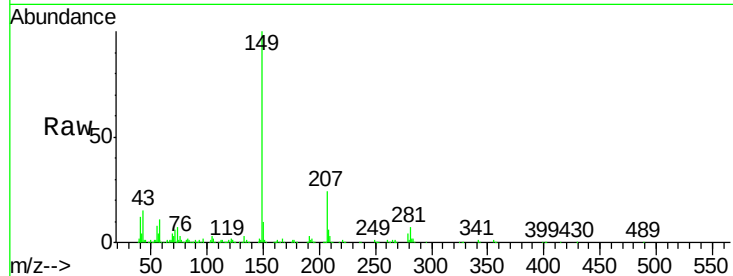
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 192661 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.6   | 1.3   | 1.9    |
| 43        | 14.7  | 10.3  | 15.5   |

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#86

Perylene-d12

Concen: 20.000 ng

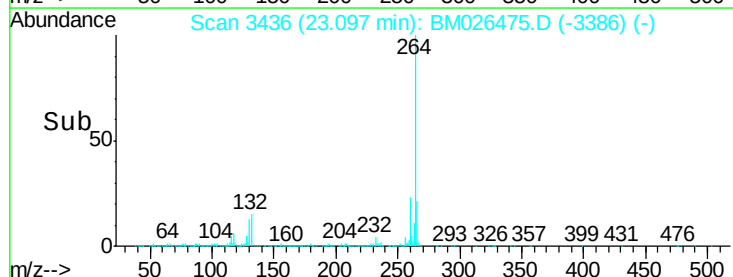
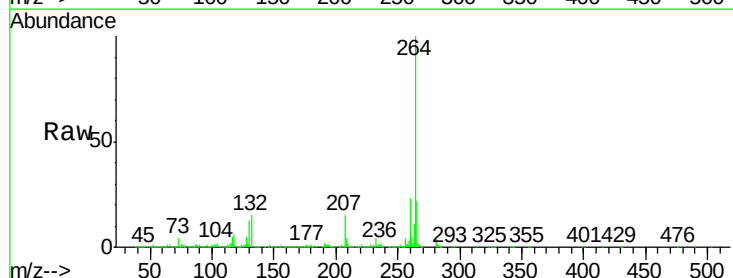
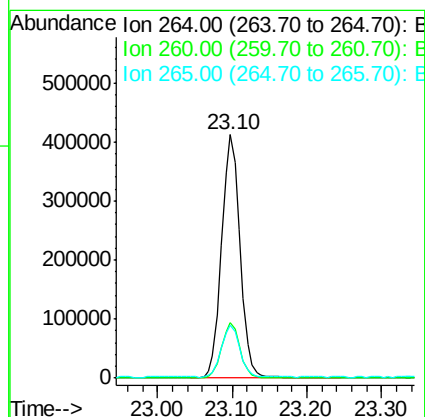
RT: 23.10 min Scan# 3436

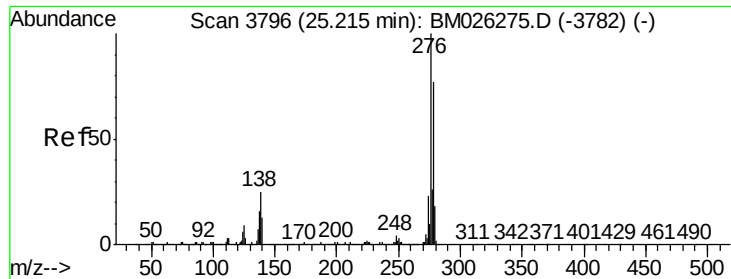
Delta R.T. -0.01 min

Lab File: BM026475.D

Acq: 19 Jun 2020 20:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 711636 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 22.9  | 18.6  | 28.0   |
| 265       | 21.8  | 17.8  | 26.6   |





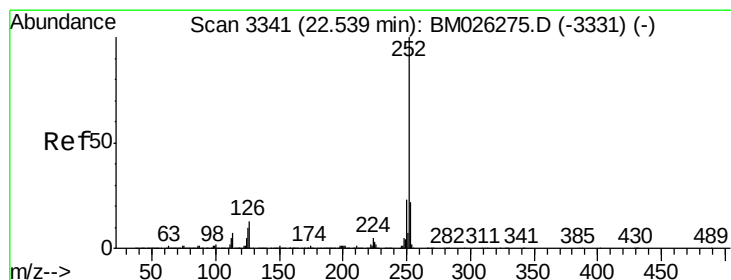
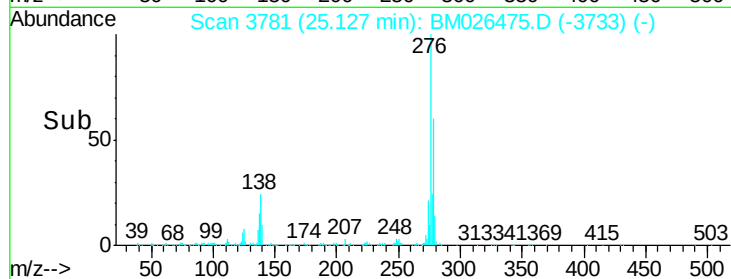
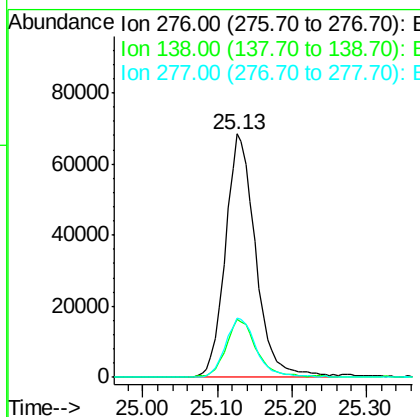
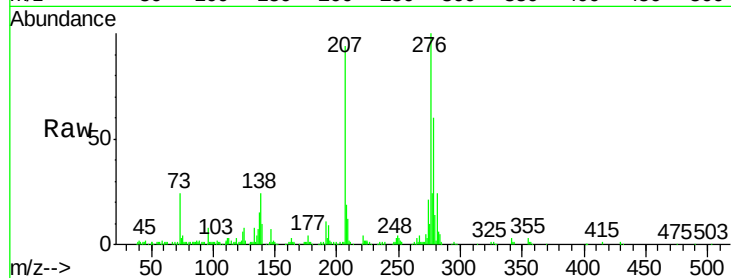
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 4.672 ng  
 RT: 25.13 min Scan# 3781  
 Delta R.T. -0.02 min  
 Lab File: BM026475.D  
 Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.9  | 19.0  | 28.6  |
| 277     | 25.0  | 20.2  | 30.4  |

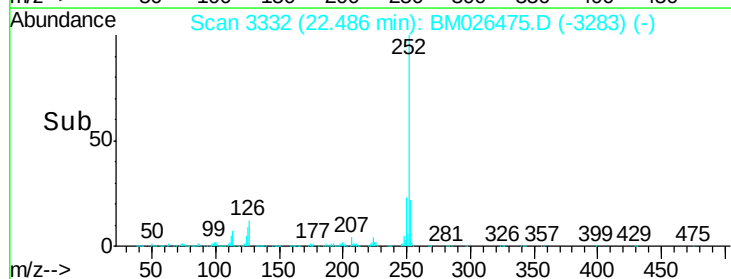
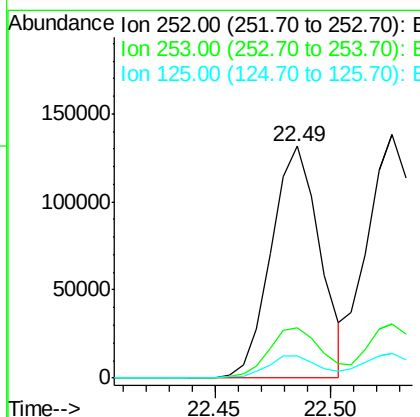
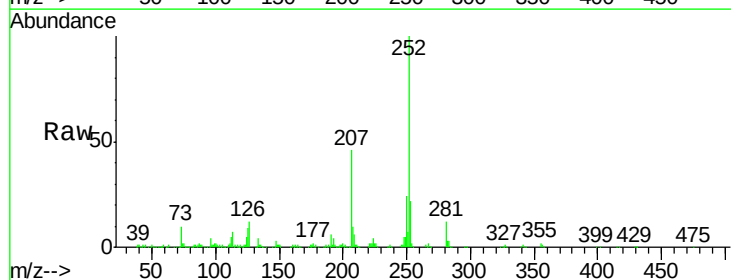
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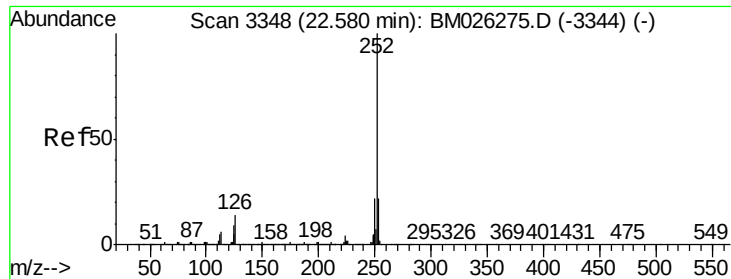


#88  
 Benzo(b)fluoranthene  
 Concen: 4.490 ng  
 RT: 22.49 min Scan# 3332  
 Delta R.T. -0.01 min  
 Lab File: BM026475.D  
 Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.6  | 26.4  |
| 125     | 9.4   | 8.0   | 12.0  |







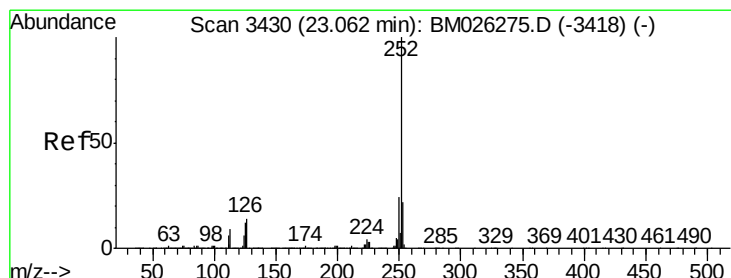
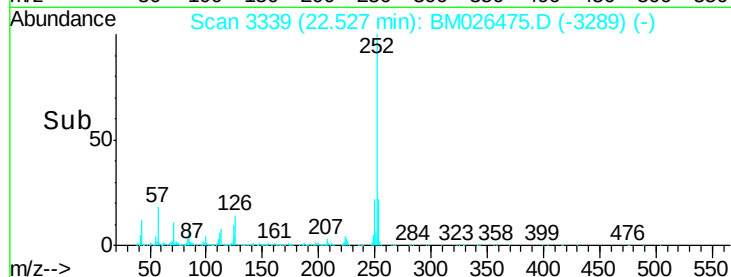
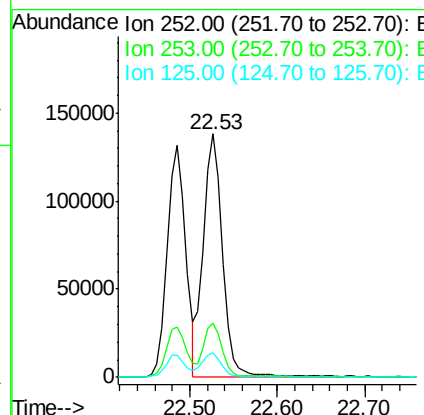
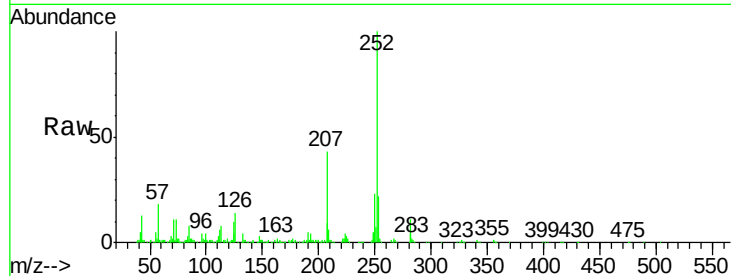
#89  
Benzo(k)fluoranthene  
Concen: 5.090 ng  
RT: 22.53 min Scan# 3339  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.2  | 25.8  |
| 125     | 10.2  | 7.8   | 11.8  |

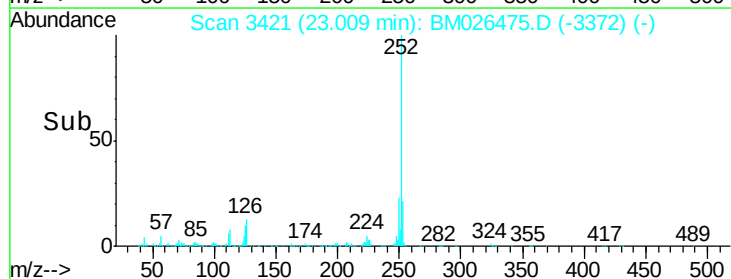
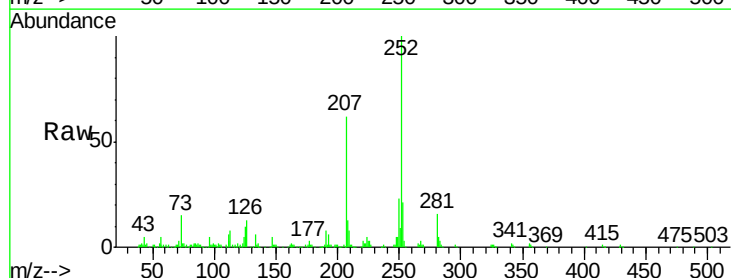
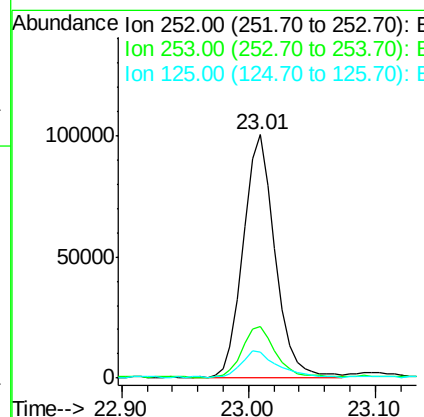
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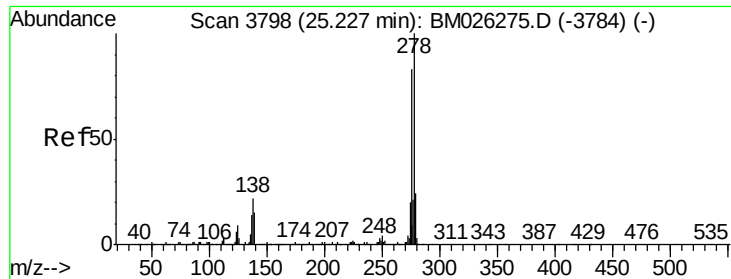
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#90  
Benzo(a)pyrene  
Concen: 4.581 ng  
RT: 23.01 min Scan# 3421  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.3  | 25.9  |
| 125     | 10.5  | 8.6   | 12.8  |





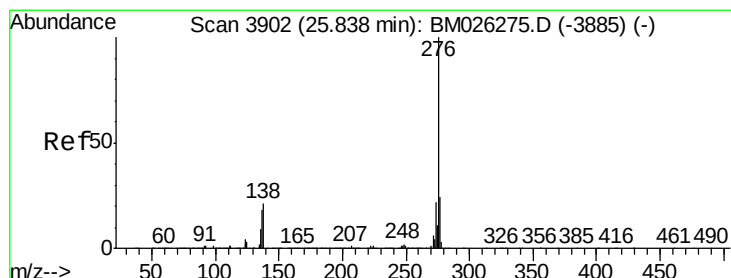
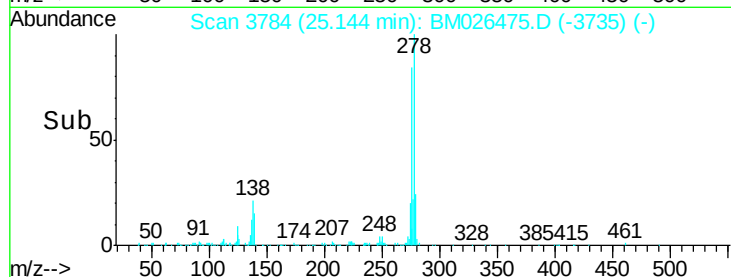
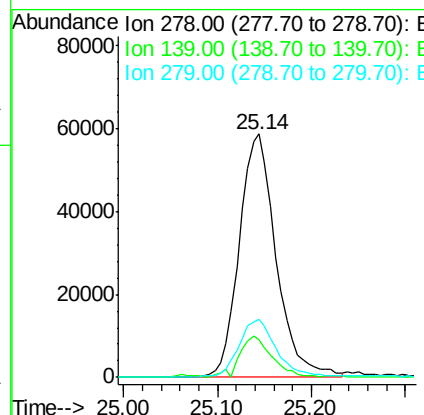
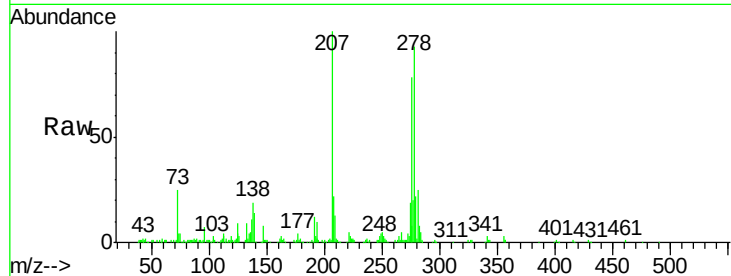
#91  
Dibenzo(a,h)anthracene  
Concen: 4.649 ng  
RT: 25.14 min Scan# 3784  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.2  | 12.3  | 18.5  |
| 279     | 23.7  | 18.9  | 28.3  |

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#92  
Benzo(g,h,i)perylene  
Concen: 4.843 ng  
RT: 25.74 min Scan# 3886  
Delta R.T. -0.01 min  
Lab File: BM026475.D  
Acq: 19 Jun 2020 20:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 19.0  | 28.4  |
| 138     | 19.2  | 16.2  | 24.4  |

