

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\  
 Data File : BM026477.D  
 Acq On : 19 Jun 2020 22:06  
 Operator : JU/CG  
 Sample : L2182-02  
 Misc : L00--S-10PPM  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2020

Manual Integrations  
 APPROVED

mohammad  
 6/22/2020 3:23:39 PM

Quant Time: Jun 20 05:32:44 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  | 97139    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.15 | 136  | 432972   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.04 | 164  | 307239   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.80 | 188  | 694421   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.01 | 240  | 697271   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.10 | 264  | 657118   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.02  | 112 | 758232  | 138.01 | ng | 0.00 |
| 7) Phenol-d6             | 6.59  | 99  | 1153671 | 145.01 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.53  | 82  | 895540  | 101.56 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.55 | 330 | 628439  | 168.86 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.66 | 172 | 2026767 | 100.14 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.46 | 244 | 3575205 | 99.53  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.00  | 88  | 23746  | 9.586  | ng | 95     |
| 3) Pyridine                    | 3.40  | 79  | 56907  | 7.822  | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.31  | 42  | 35256  | 9.787  | ng | 83     |
| 6) Aniline                     | 6.73  | 93  | 97189  | 9.313  | ng | 99     |
| 8) 2-Chlorophenol              | 6.96  | 128 | 57650  | 9.097  | ng | 93     |
| 9) Benzaldehyde                | 6.55  | 77  | 61524  | 12.128 | ng | 100    |
| 10) Phenol                     | 6.62  | 94  | 77041  | 9.093  | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 6.83  | 93  | 61917  | 9.073  | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.27  | 146 | 62786  | 8.949  | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.42  | 146 | 65204  | 9.124  | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.73  | 146 | 63365  | 9.077  | ng | 99     |
| 15) Benzyl Alcohol             | 7.64  | 79  | 59140  | 8.754  | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.92  | 45  | 122735 | 9.630  | ng | 99     |
| 17) 2-Methylphenol             | 7.85  | 107 | 51761  | 8.359  | ng | 97     |
| 18) Hexachloroethane           | 8.44  | 117 | 24694  | 9.124  | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.20  | 70  | 62611  | 10.099 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.17  | 107 | 70114  | 8.307  | ng | 98     |
| 22) Acetophenone               | 8.20  | 105 | 108476 | 9.743  | ng | # 93   |
| 24) Nitrobenzene               | 8.57  | 77  | 91192  | 9.879  | ng | 100    |
| 25) Isophorone                 | 9.10  | 82  | 161987 | 9.778  | ng | 99     |
| 26) 2-Nitrophenol              | 9.28  | 139 | 31599  | 8.649  | ng | # 85   |
| 27) 2,4-Dimethylphenol         | 9.36  | 122 | 47118  | 8.170  | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 9.59  | 93  | 93434  | 9.941  | ng | 99     |
| 29) 2,4-Dichlorophenol         | 9.82  | 162 | 56134  | 8.871  | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.02 | 180 | 65116  | 9.384  | ng | 98     |
| 31) Naphthalene                | 10.19 | 128 | 209783 | 9.615  | ng | 99     |
| 32) Benzoic acid               | 9.47  | 122 | 19649m | 4.585  | ng |        |
| 33) 4-Chloroaniline            | 10.32 | 127 | 83347  | 8.758  | ng | 96     |
| 34) Hexachlorobutadiene        | 10.49 | 225 | 41423  | 9.456  | ng | 93     |
| 35) Caprolactam                | 11.10 | 113 | 23245  | 10.456 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 11.46 | 107 | 73932  | 9.588  | ng | 95     |
| 37) 2-Methylnaphthalene        | 11.82 | 142 | 157746 | 10.146 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.05 | 142 | 153250 | 10.405 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.20 | 216 | 85378  | 9.762  | ng | 98     |

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 Sample : L2182-02  
 Misc : L00--S-10PPM  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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 LOQ-SOIL-02-QT2-2020

Manual Integrations  
 APPROVED

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 6/22/2020 3:23:39 PM

Quant Time: Jun 20 05:32:44 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  | 37884    | 7.351  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol      | 12.46 | 196  | 50715    | 8.567  | ng    | 94       |
| 44) 2,4,5-Trichlorophenol      | 12.54 | 196  | 54077    | 7.870  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 12.86 | 154  | 219011   | 10.168 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 12.90 | 162  | 159901   | 9.139  | ng    | 97       |
| 48) 2-Nitroaniline             | 13.12 | 65   | 58484    | 8.434  | ng    | 95       |
| 49) Acenaphthylene             | 13.76 | 152  | 259174   | 9.262  | ng    | 99       |
| 50) Dimethylphthalate          | 13.52 | 163  | 215504   | 9.590  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.63 | 165  | 45322    | 9.191  | ng    | 97       |
| 52) Acenaphthene               | 14.10 | 154  | 158829   | 9.454  | ng    | 100      |
| 53) 3-Nitroaniline             | 13.96 | 138  | 40724    | 7.416  | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 14.19 | 184  | 37214    | 12.417 | ng    | 90       |
| 55) Dibenzofuran               | 14.44 | 168  | 256821   | 9.488  | ng    | 100      |
| 56) 4-Nitrophenol              | 14.30 | 139  | 27764    | 6.376  | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.43 | 165  | 61782    | 9.011  | ng    | 89       |
| 58) Fluorene                   | 15.10 | 166  | 208374   | 9.478  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.69 | 232  | 53154    | 9.044  | ng    | 97       |
| 60) Diethylphthalate           | 14.90 | 149  | 222121   | 9.704  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.11 | 204  | 110194   | 9.449  | ng    | 96       |
| 62) 4-Nitroaniline             | 15.14 | 138  | 40432    | 6.904  | ng    | 94       |
| 63) Azobenzene                 | 15.40 | 77   | 239918   | 9.580  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.21 | 198  | 31249    | 7.400  | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.33 | 169  | 183627   | 9.128  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.00 | 248  | 66815    | 8.740  | ng    | 99       |
| 68) Hexachlorobenzene          | 16.11 | 284  | 75914    | 9.517  | ng    | 97       |
| 69) Atrazine                   | 16.29 | 200  | 65048    | 10.823 | ng    | 97       |
| 70) Pentachlorophenol          | 16.47 | 266  | 33645    | 7.004  | ng    | 94       |
| 71) Phenanthrene               | 16.84 | 178  | 346578   | 9.584  | ng    | 99       |
| 72) Anthracene                 | 16.93 | 178  | 334643   | 9.272  | ng    | 99       |
| 73) Carbazole                  | 17.21 | 167  | 301274   | 8.803  | ng    | 99       |
| 74) Di-n-butylphthalate        | 17.79 | 149  | 370573   | 9.181  | ng    | 99       |
| 75) Fluoranthene               | 18.87 | 202  | 404584   | 9.759  | ng    | 98       |
| 77) Benzidine                  | 19.07 | 184  | 132814   | 9.170  | ng    | 98       |
| 78) Pyrene                     | 19.23 | 202  | 423059   | 9.183  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.17 | 149  | 166691   | 8.947  | ng    | 97       |
| 81) Benzo(a)anthracene         | 20.99 | 228  | 416711   | 9.956  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 20.94 | 252  | 148060   | 11.434 | ng    | 98       |
| 83) Chrysene                   | 21.04 | 228  | 401932   | 10.077 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 20.96 | 149  | 255048   | 9.601  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 21.80 | 149  | 412664   | 10.070 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene     | 25.13 | 276  | 342801   | 9.018  | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.49 | 252  | 373176   | 9.440  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 22.53 | 252  | 379347   | 9.878  | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.01 | 252  | 325187   | 9.262  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.14 | 278  | 291375   | 9.182  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 25.74 | 276  | 279624   | 9.260  | ng    | 99       |

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

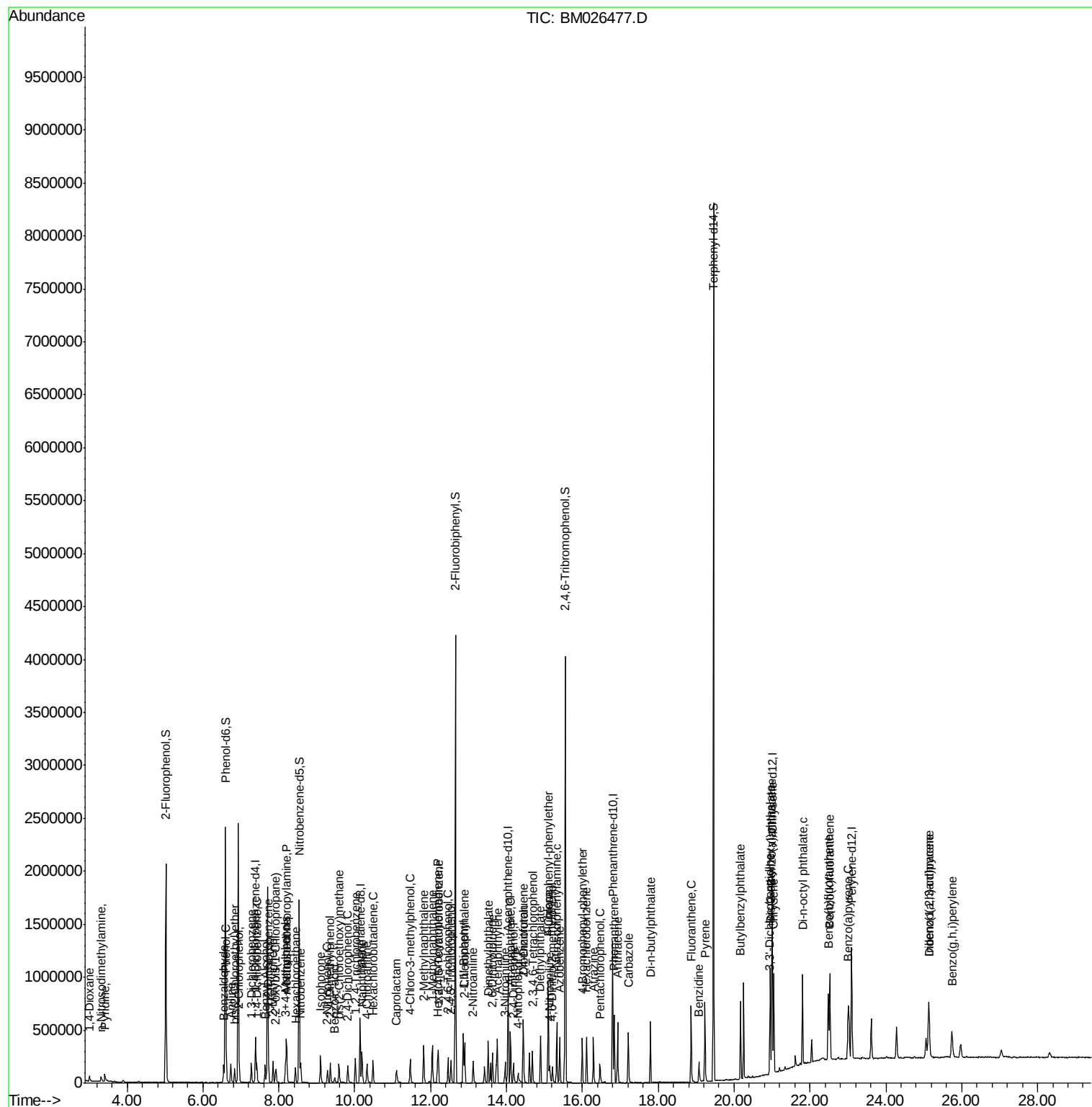
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\  
Data File : BM026477.D  
Acq On : 19 Jun 2020 22:06  
Operator : JU/CG  
Sample : L2182-02  
Misc : L00--S-10PPM  
ALS Vial : 15 Sample Multiplier: 1

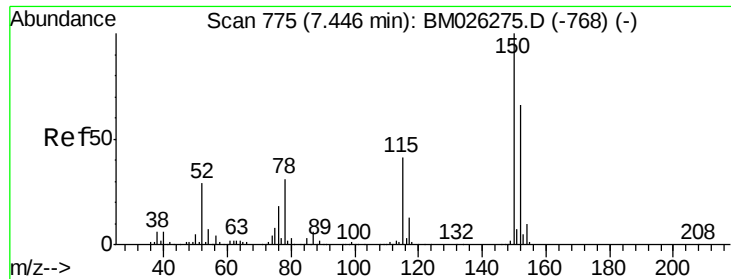
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

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6/22/2020 3:23:39 PM

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QLast Update : Sat Jun 20 04:14:27 2020  
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#1

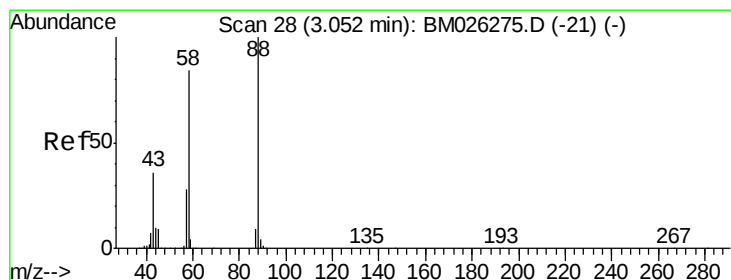
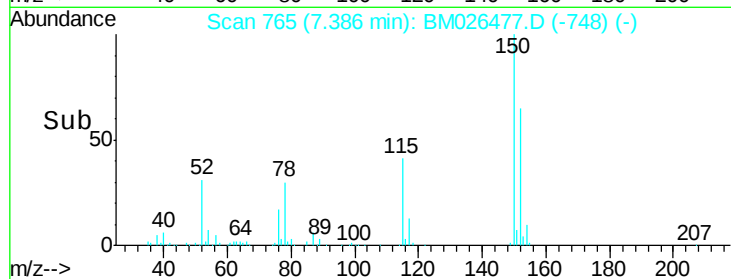
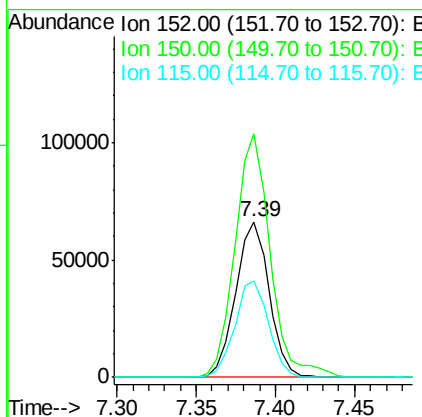
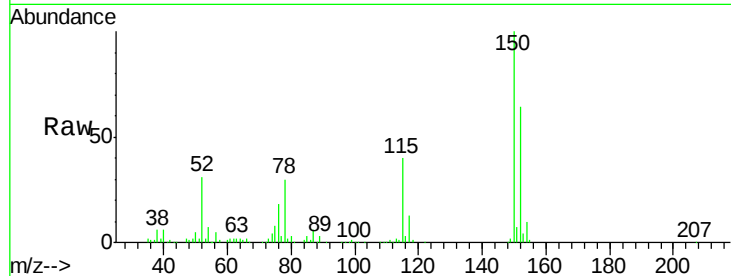
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.39 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.3 | 127.8 | 191.6 |
| 115     | 62.2  | 51.5  | 77.3  |

Manual Integrations  
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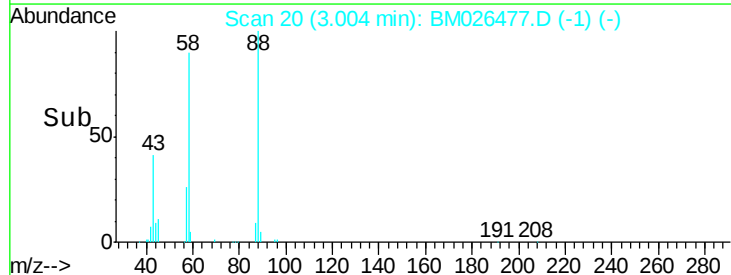
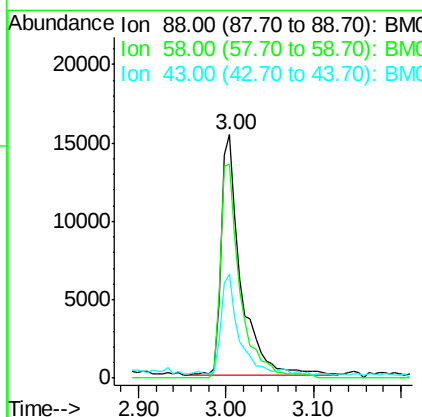
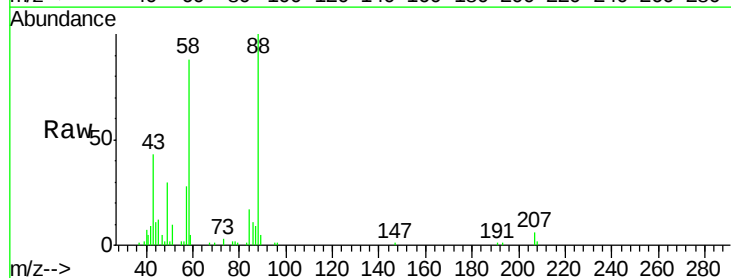
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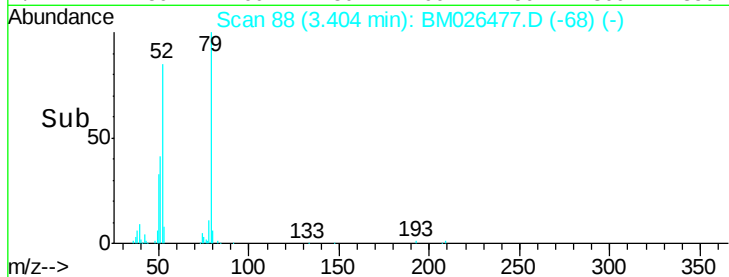
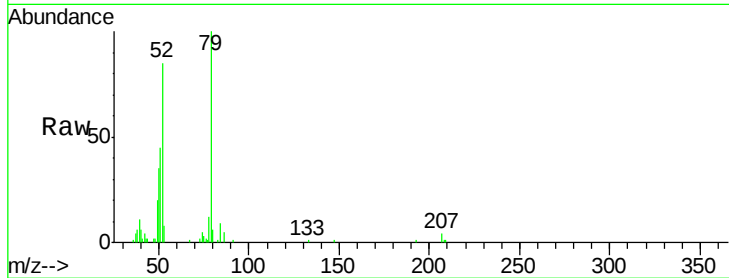
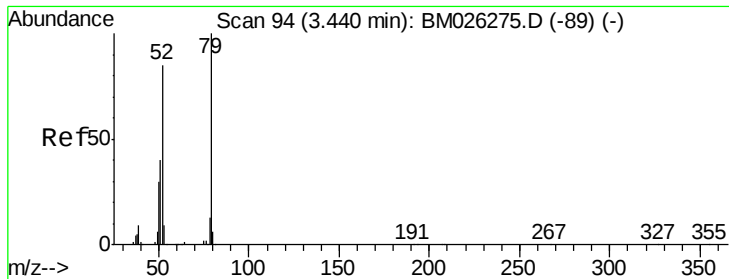


#2

1,4-Dioxane  
Concen: 9.586 ng  
RT: 3.00 min Scan# 20  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 89.5  | 67.7  | 101.5 |
| 43      | 37.1  | 28.0  | 42.0  |





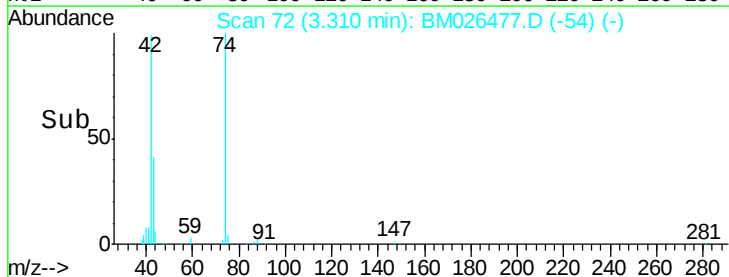
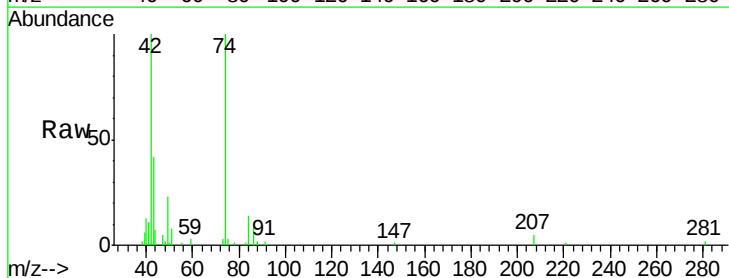
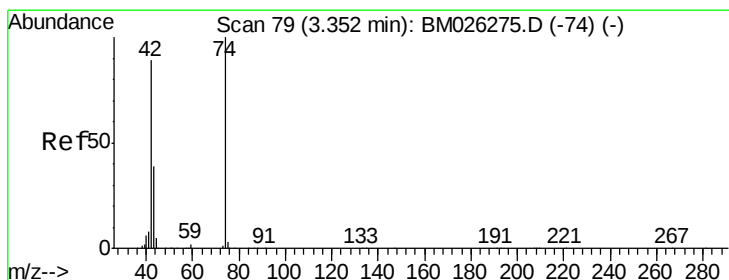
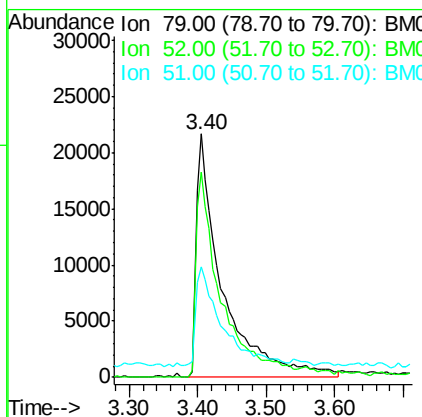
#3  
Pvridine  
Concen: 7.822 ng  
RT: 3.40 min Scan# 88  
Delta R.T. 0.02 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 84.5  | 67.4  | 101.2 |
| 51      | 45.4  | 33.0  | 49.6  |

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

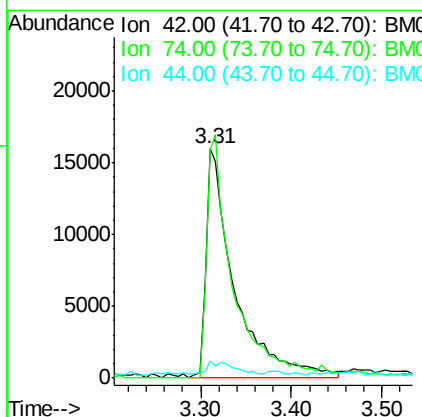
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#4  
n-Nitrosodimethylamine  
Concen: 9.787 ng  
RT: 3.31 min Scan# 72  
Delta R.T. 0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 99.7  | 95.4  | 143.2 |
| 44      | 7.5   | 5.9   | 8.9   |





#5

2-Fluorophenol

Concen: 138.007 ng

RT: 5.02 min Scan# 363

Delta R.T. -0.00 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

Instrument :

BNA\_M

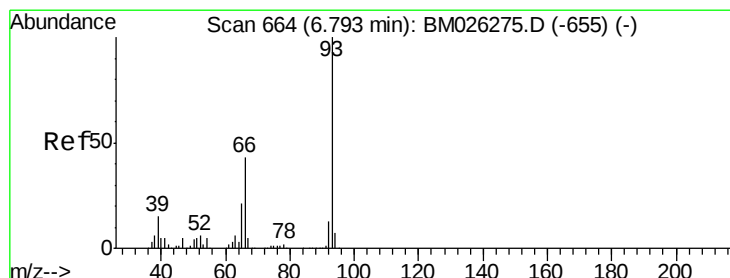
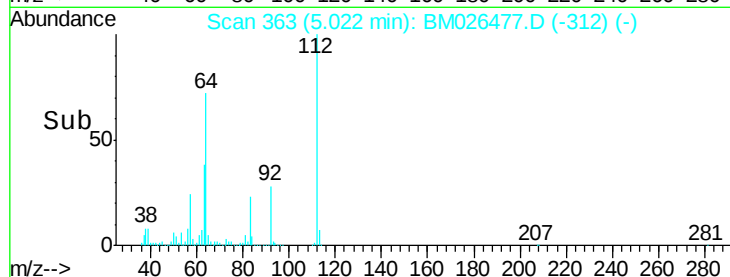
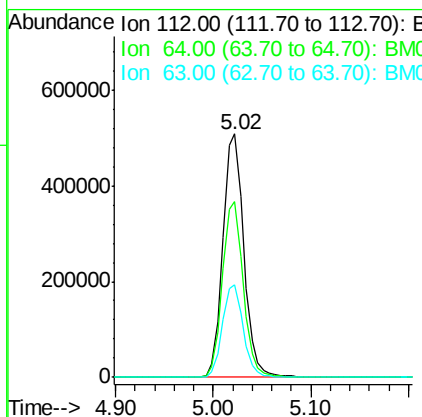
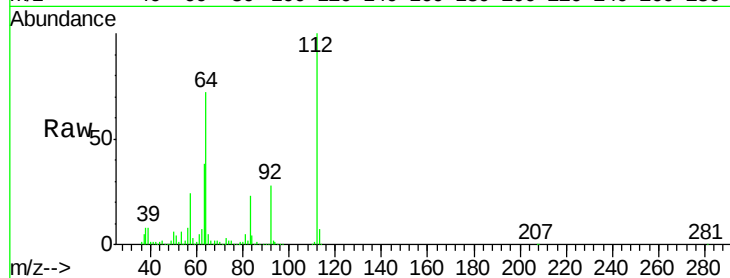
ClientSampleId :

LOQ-SOIL-02-QT2-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 758232 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 72.0  | 56.0  | 84.0   |
| 63        | 38.1  | 29.0  | 43.6   |

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#6

Aniline

Concen: 9.313 ng

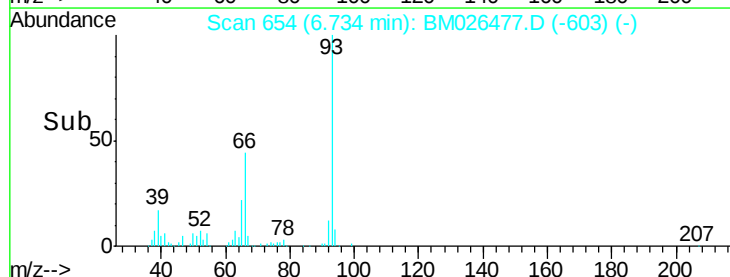
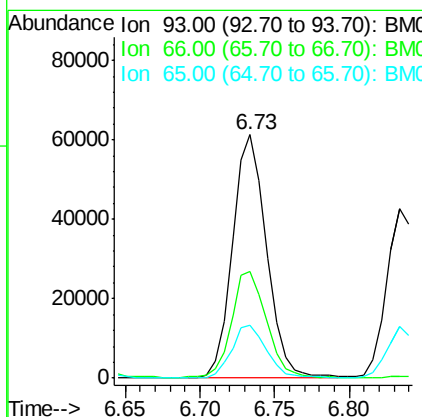
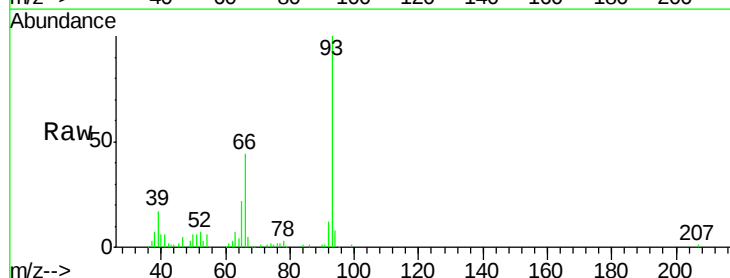
RT: 6.73 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 97189 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 43.7  | 34.1  | 51.1  |
| 65        | 21.9  | 17.5  | 26.3  |





#7

Phenol-d6

Concen: 145.009 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT2-2020

Tot Ion: 99 Resp: 1153671

Ion Ratio Lower Upper

99 100

42 24.3 17.8 26.6

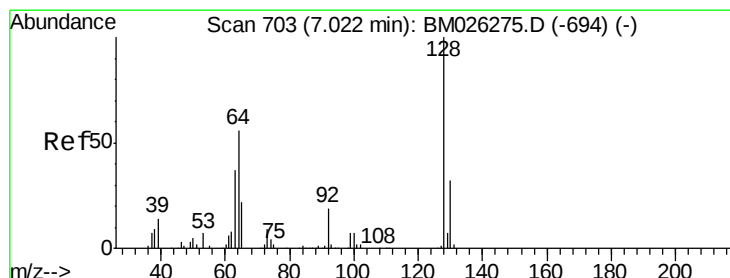
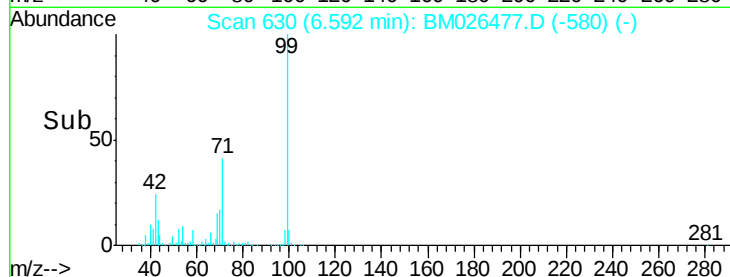
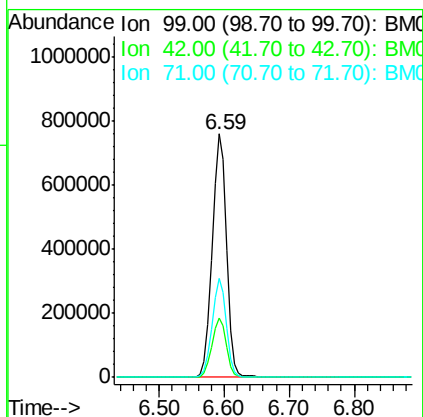
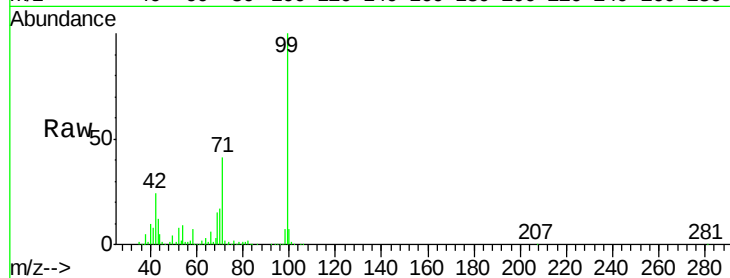
71 40.5 31.0 46.4

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#8

2-Chlorophenol

Concen: 9.097 ng

RT: 6.96 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

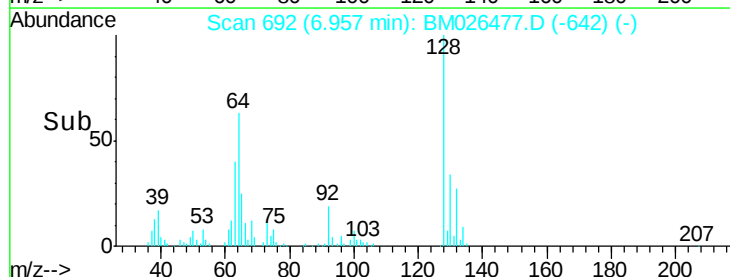
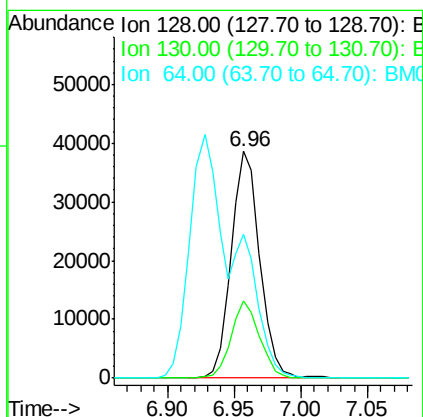
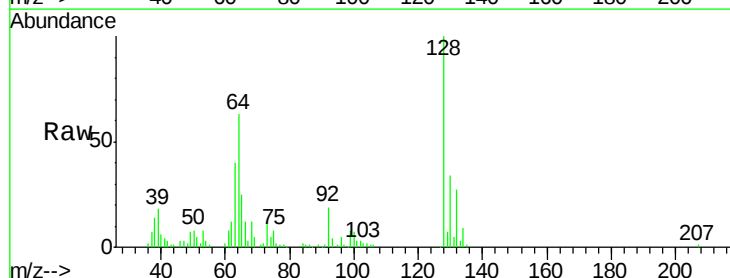
Tgt Ion: 128 Resp: 57650

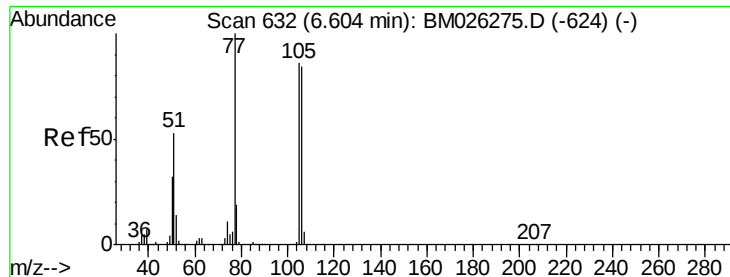
Ion Ratio Lower Upper

128 100

130 34.2 12.3 52.3

64 63.4 36.4 76.4





#9

Benzaldehyde

Concen: 12.128 ng

RT: 6.55 min Scan# 622

Delta R.T. -0.00 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

Instrument :

BNA\_M

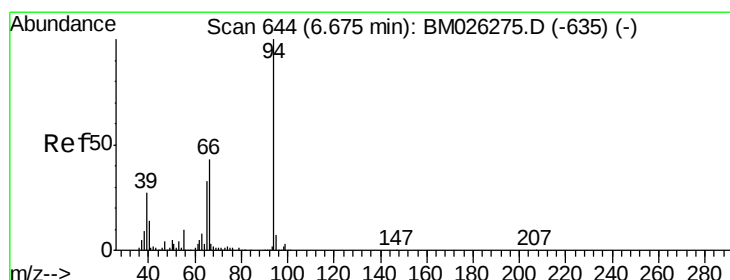
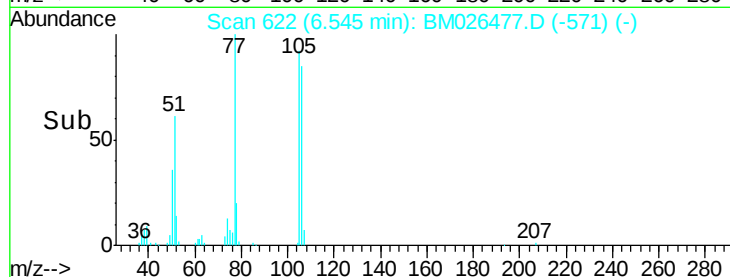
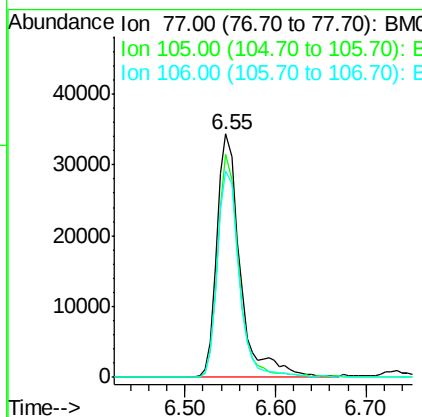
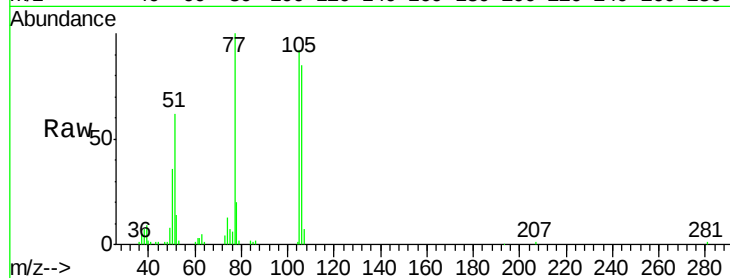
ClientSampleId :

LOQ-SOIL-02-QT2-2020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 61524 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 91.7  | 71.5  | 111.5 |
| 106      | 84.9  | 64.7  | 104.7 |

Manual Integrations  
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#10

Phenol

Concen: 9.093 ng

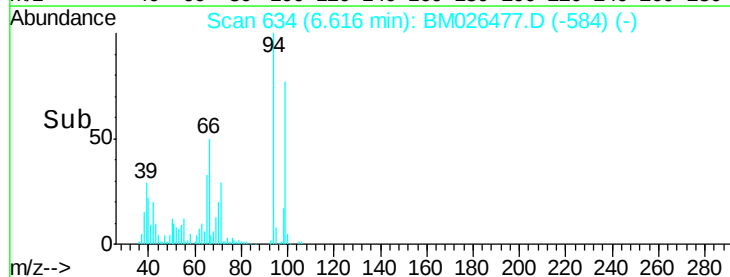
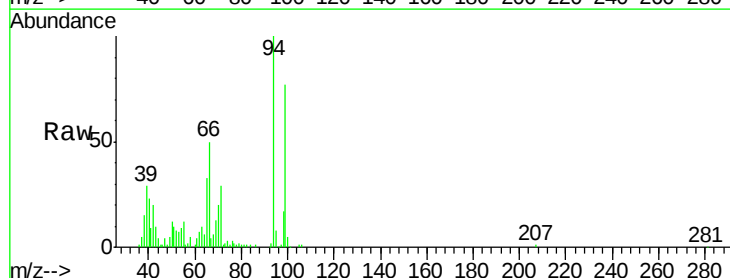
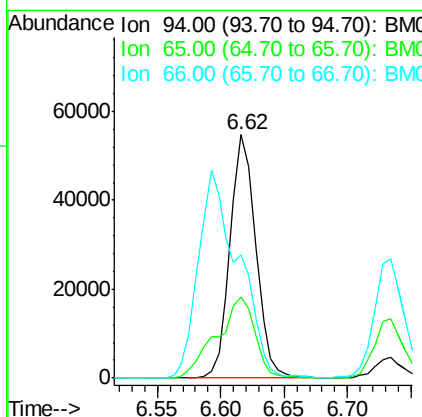
RT: 6.62 min Scan# 634

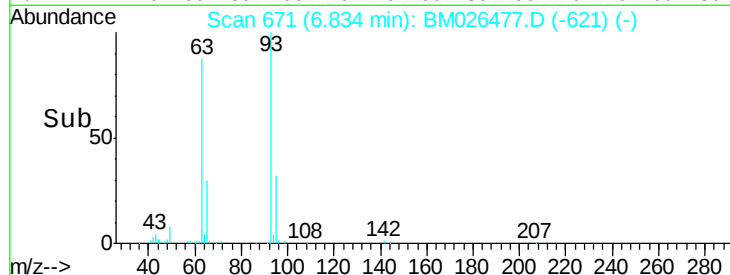
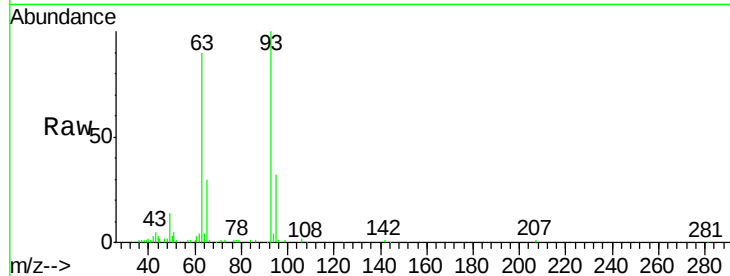
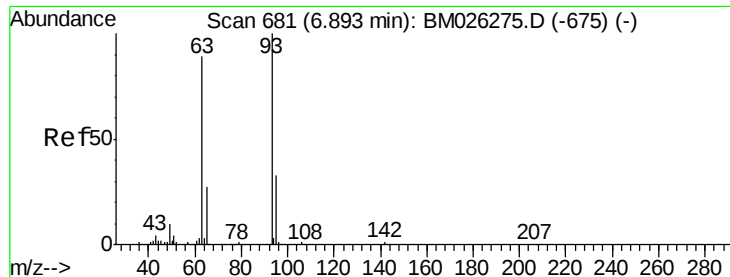
Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 77041 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 33.2  | 11.4  | 51.4  |
| 66       | 50.5  | 21.7  | 61.7  |





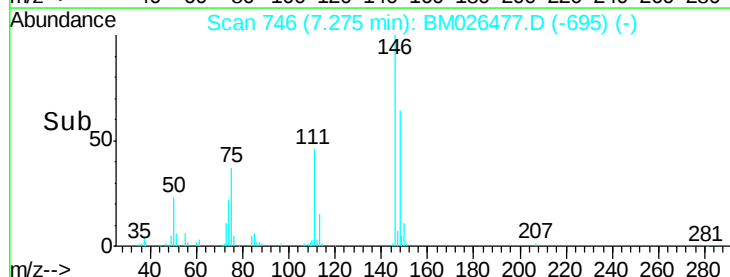
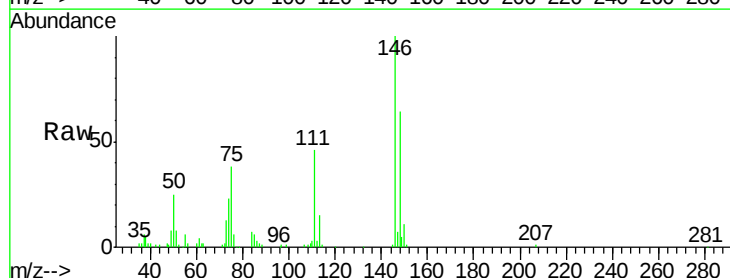
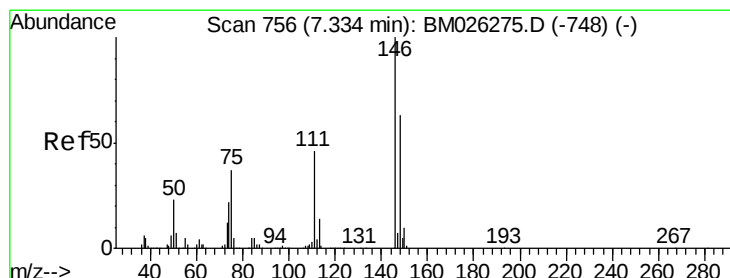
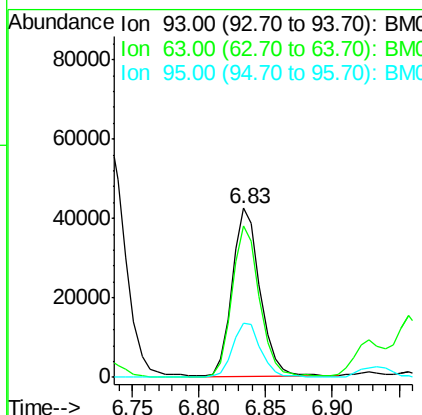
#11  
bis(2-Chloroethyl)ether  
Concen: 9.073 ng  
RT: 6.83 min Scan# 671  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 93      | 100  |       | 61917 |       |       |
| 63      | 89.7 | 66.7  | 106.7 |       |       |
| 95      | 32.1 | 14.5  | 54.5  |       |       |

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

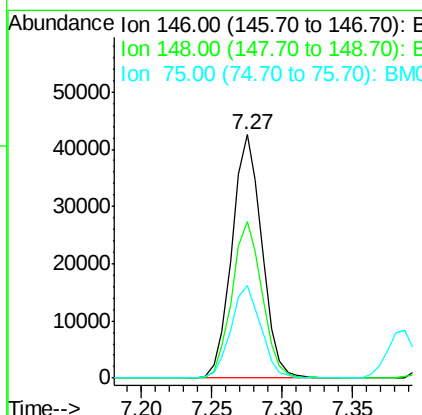
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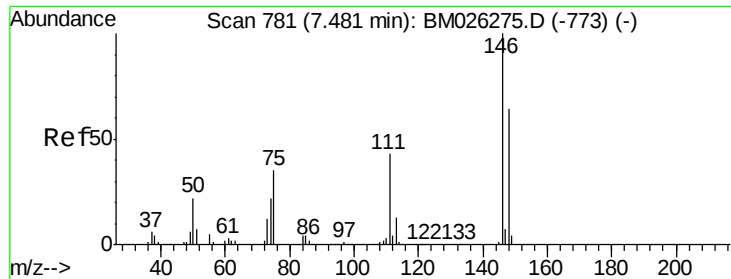
mohammad  
6/22/2020 3:23:39 PM



#12  
1,3-Dichlorobenzene  
Concen: 8.949 ng  
RT: 7.27 min Scan# 746  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 146     | 100  |       | 62786 |       |       |
| 148     | 64.1 | 50.3  | 75.5  |       |       |
| 75      | 38.3 | 29.0  | 43.6  |       |       |





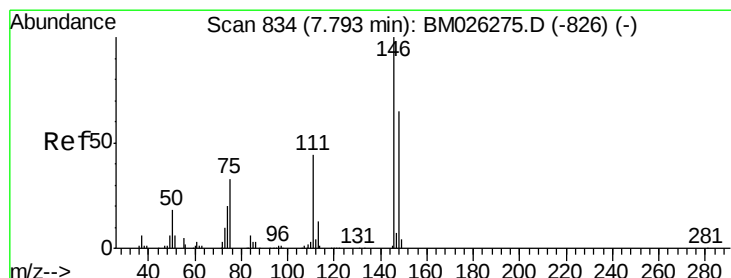
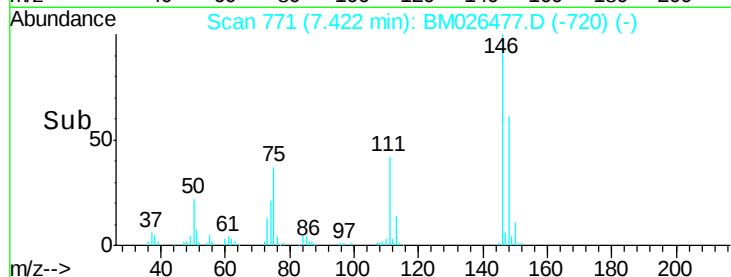
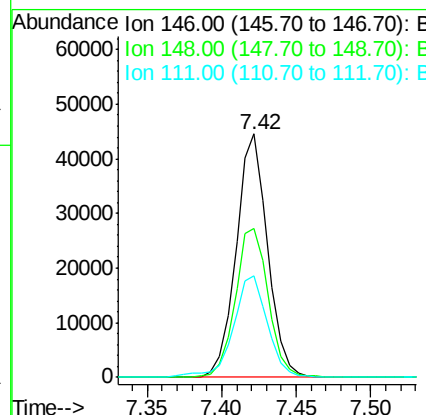
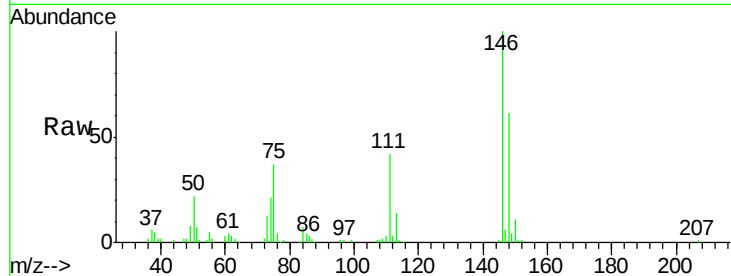
#13  
1,4-Dichlorobenzene  
Concen: 9.124 ng  
RT: 7.42 min Scan# 771  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.0  | 52.2  | 78.2  |
| 111     | 41.9  | 34.9  | 52.3  |

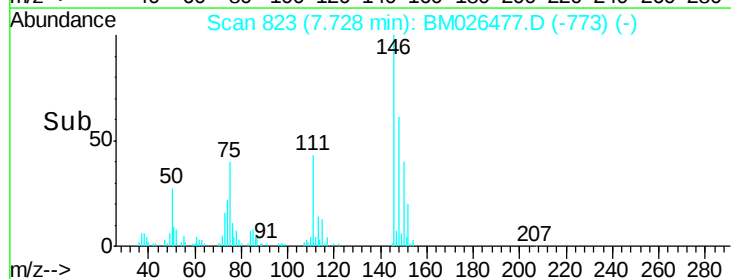
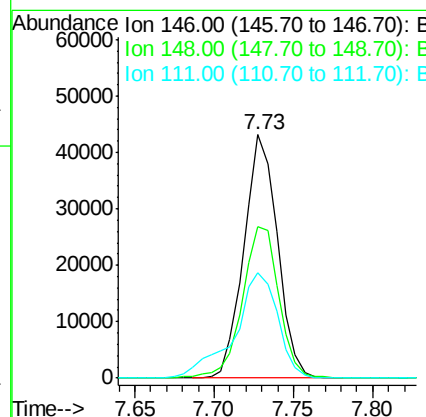
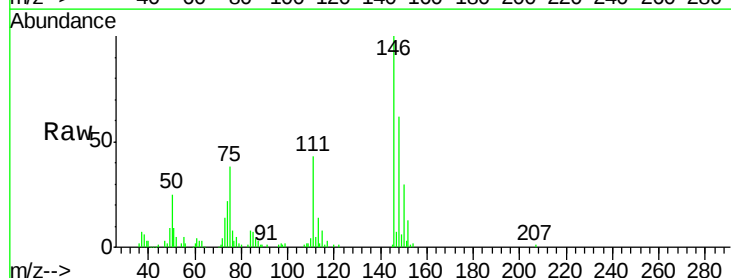
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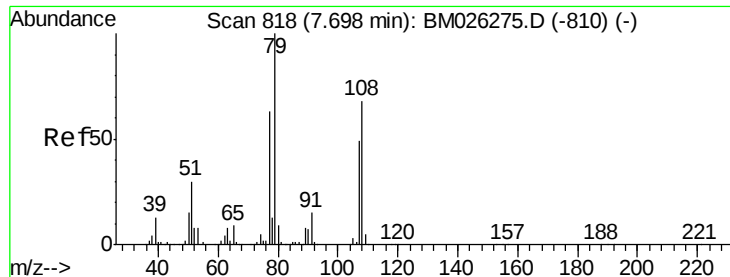
mohammad  
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#14  
1,2-Dichlorobenzene  
Concen: 9.077 ng  
RT: 7.73 min Scan# 823  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.3  | 50.8  | 76.2  |
| 111     | 43.3  | 35.4  | 53.0  |





#15

Benzyl Alcohol

Concen: 8.754 ng

RT: 7.64 min Scan# 808

Delta R.T. -0.00 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

Instrument :

BNA\_M

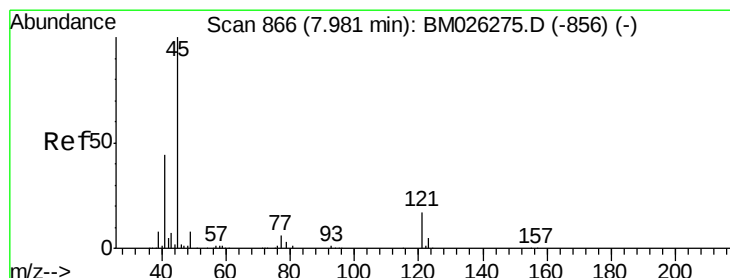
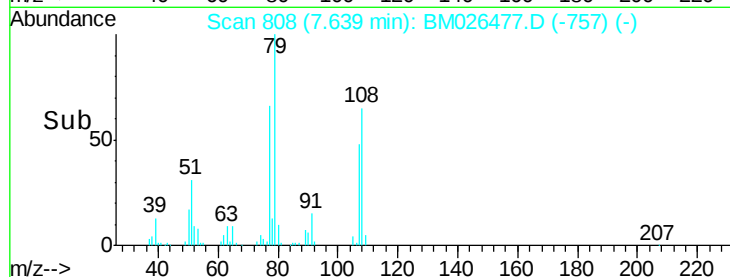
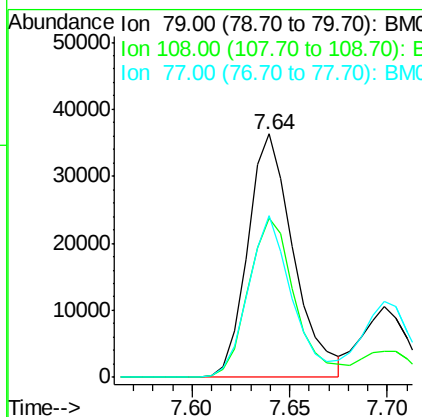
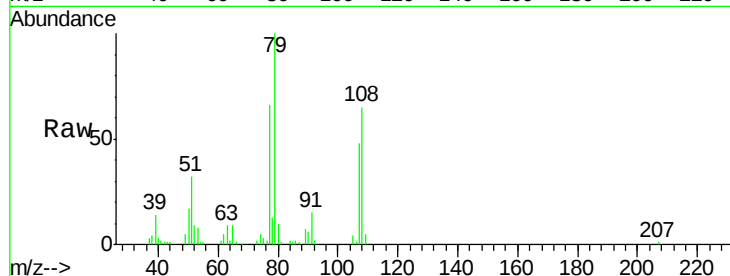
ClientSampleId :

LOQ-SOIL-02-QT2-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 59140 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 65.1  | 54.6  | 82.0  |
| 77        | 66.2  | 51.0  | 76.4  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 9.630 ng

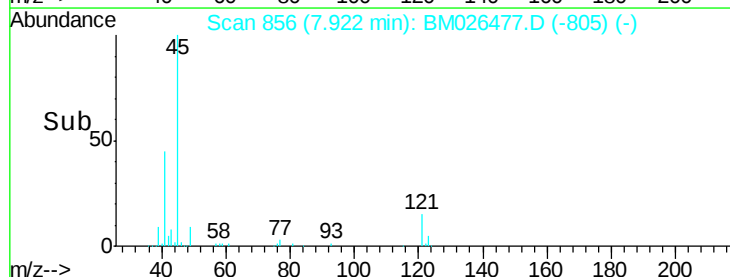
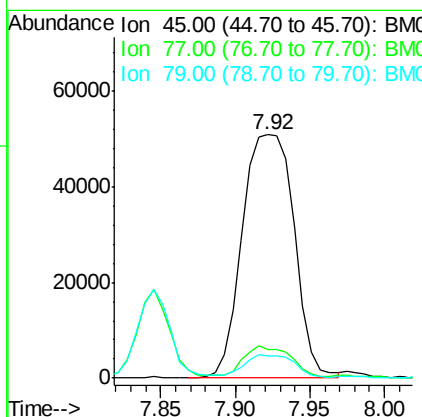
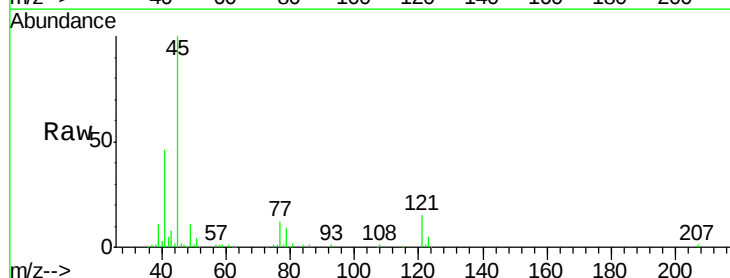
RT: 7.92 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 122735 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 11.7  | 0.0   | 31.8   |
| 79        | 9.3   | 0.0   | 28.9   |





#17

2-Methylphenol

Concen: 8.359 ng

RT: 7.85 min Scan# 843

Delta R.T. -0.00 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

Instrument :

BNA\_M

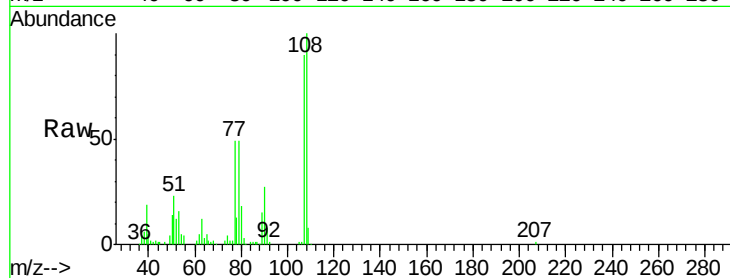
ClientSampleId :

LOQ-SOIL-02-QT2-2020

| Tot Ion | 107   | Resp  | 51761 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 107     | 100   |       |       |
| 108     | 111.6 | 88.5  | 132.7 |
| 77      | 54.3  | 40.6  | 60.8  |
| 79      | 54.1  | 39.6  | 59.4  |

Manual Integrations  
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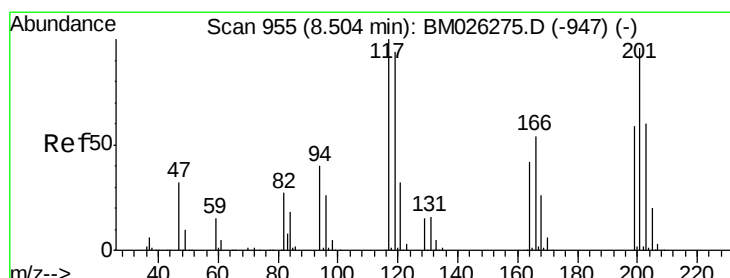
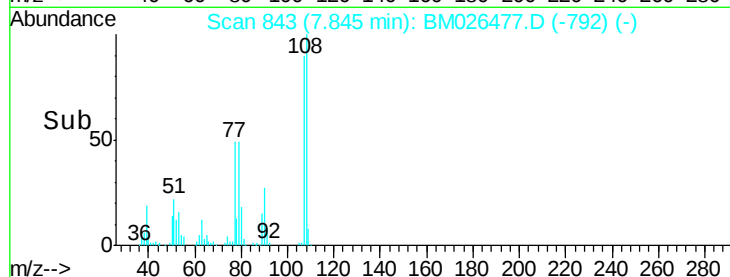
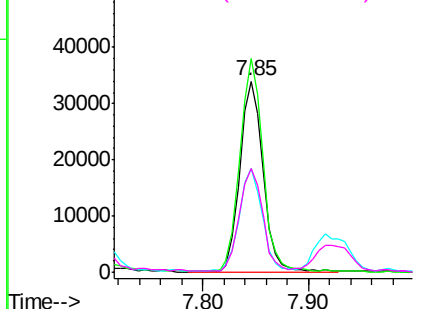


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 9.124 ng

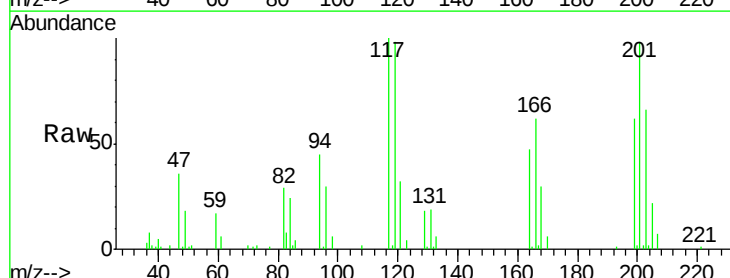
RT: 8.44 min Scan# 944

Delta R.T. -0.00 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

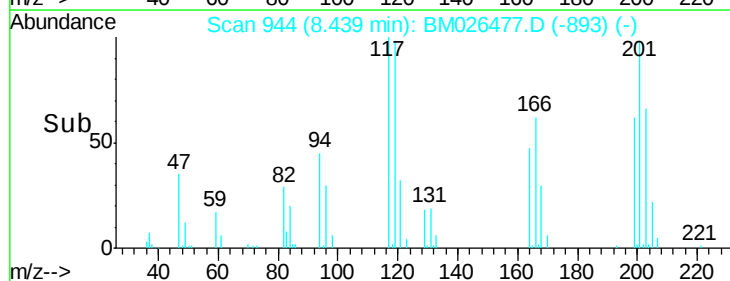
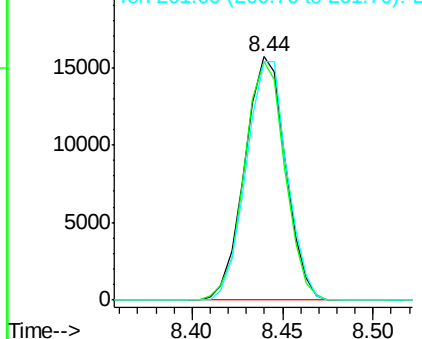
| Tgt Ion | 117   | Resp  | 24694 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 117     | 100   |       |       |
| 119     | 98.1  | 77.8  | 116.6 |
| 201     | 97.9  | 79.9  | 119.9 |

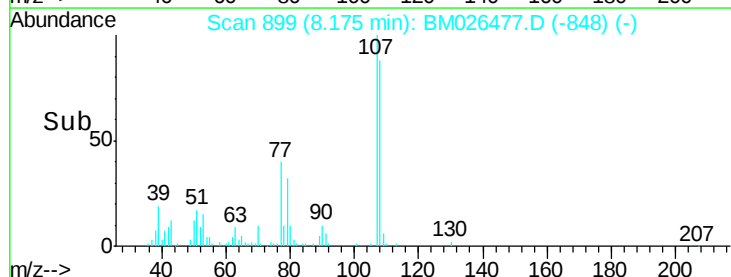
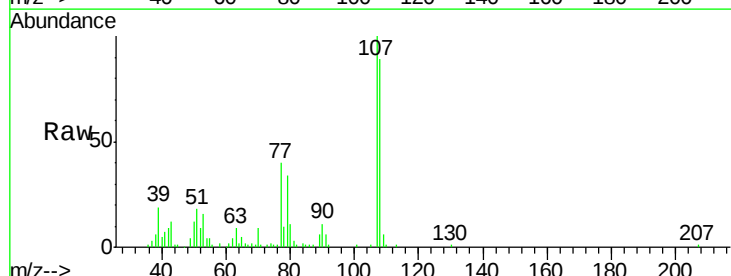
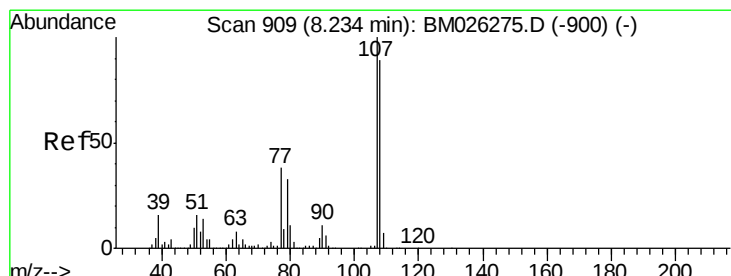
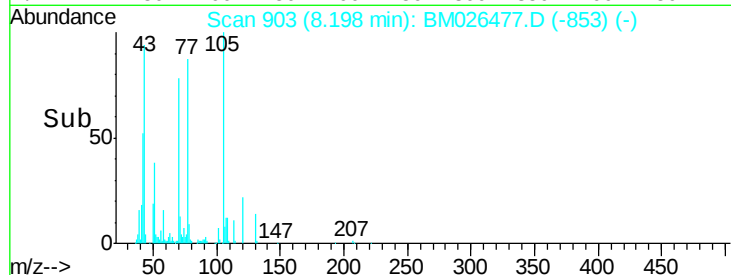
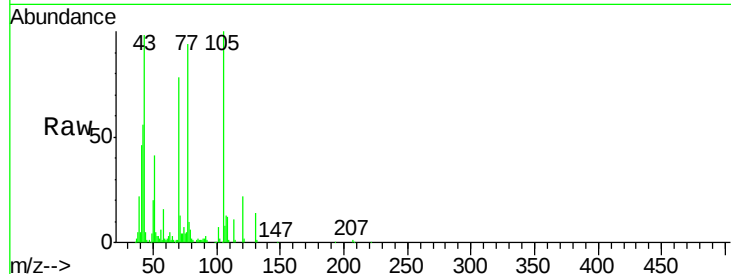


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

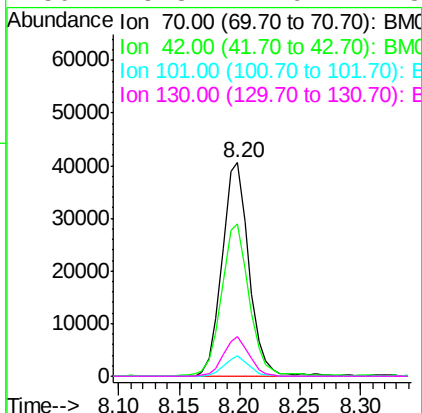
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 10.099 ng  
RT: 8.20 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tot Ion   | 70    | Resp  | 62611 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 71.6  | 52.2  | 78.4  |
| 101       | 9.5   | 7.0   | 10.6  |
| 130       | 18.3  | 14.9  | 22.3  |



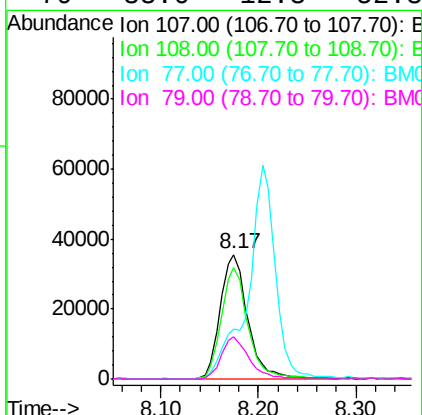
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

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#20  
3+4-Methylphenols  
Concen: 8.307 ng  
RT: 8.17 min Scan# 899  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion   | 107   | Resp  | 70114 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 89.4  | 70.4  | 110.4 |
| 77        | 40.1  | 17.3  | 57.3  |
| 79        | 33.6  | 12.3  | 52.3  |





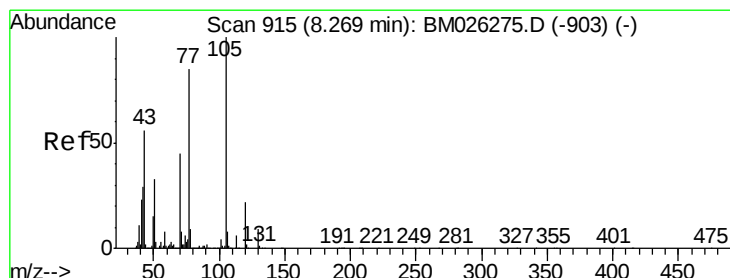
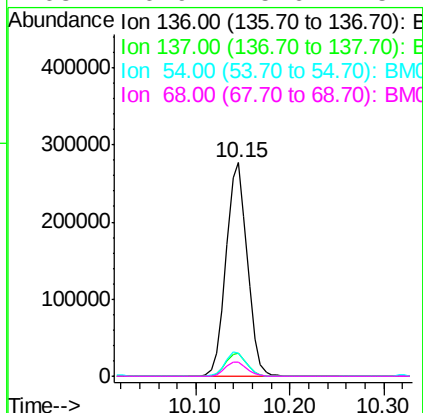
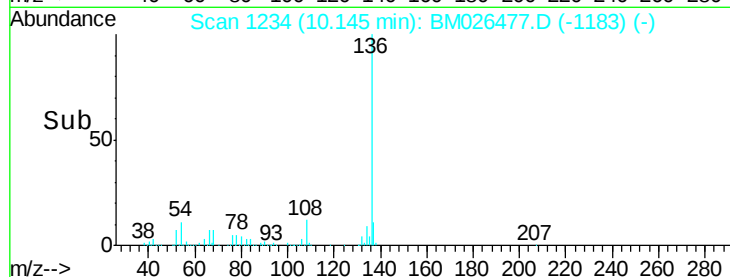
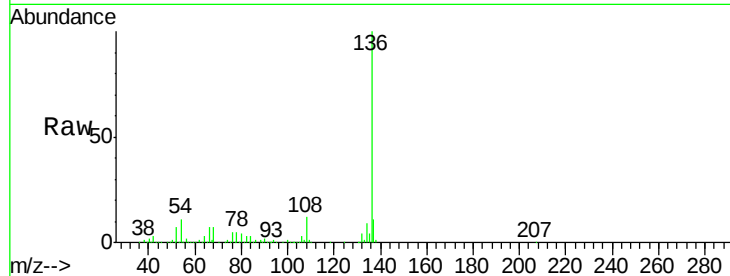
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.15 min Scan# 1234  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 432972 |       |       |
| 137     | 10.5  |        | 8.5   | 12.7  |
| 54      | 10.9  |        | 9.0   | 13.6  |
| 68      | 6.9   |        | 5.6   | 8.4   |

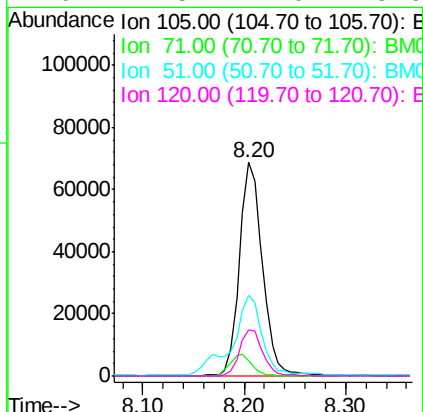
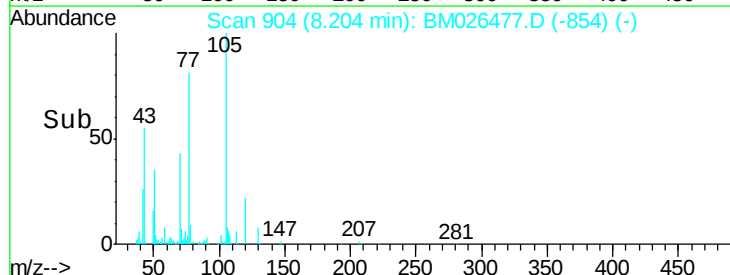
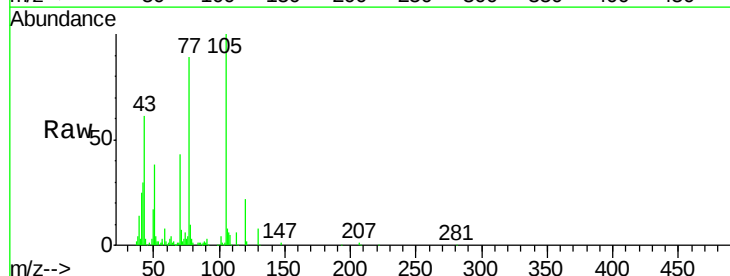
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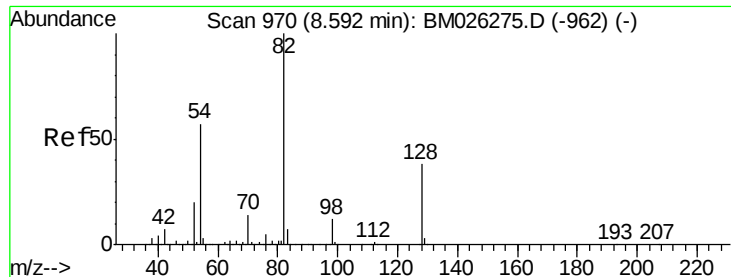
mohammad  
6/22/2020 3:23:39 PM



#22  
Acetophenone  
Concen: 9.743 ng  
RT: 8.20 min Scan# 904  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 108476 |       |       |
| 71      | 6.9   |        | 4.5   | 6.7#  |
| 51      | 37.9  |        | 25.2  | 37.8# |
| 120     | 21.5  |        | 17.0  | 25.6  |





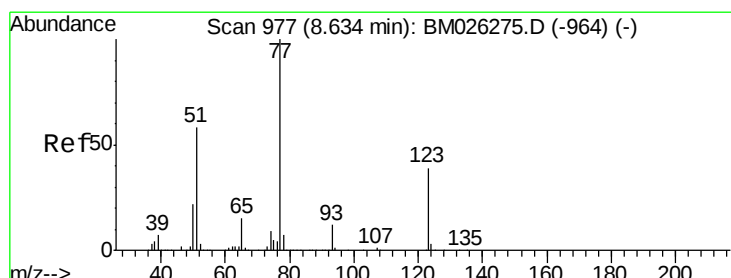
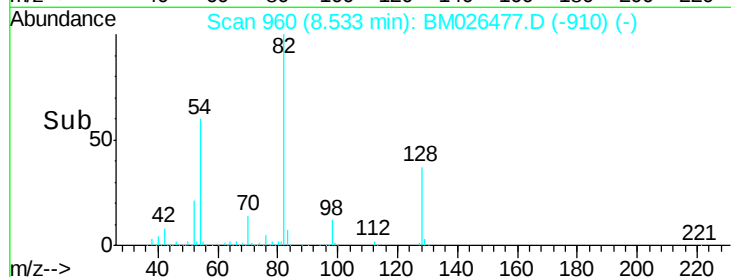
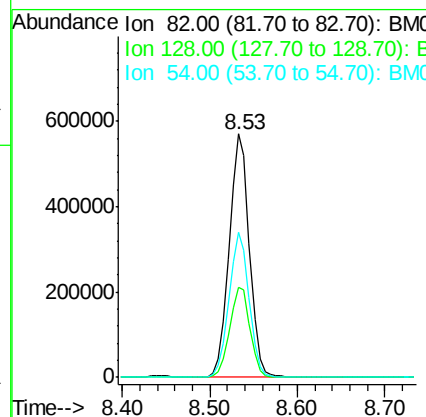
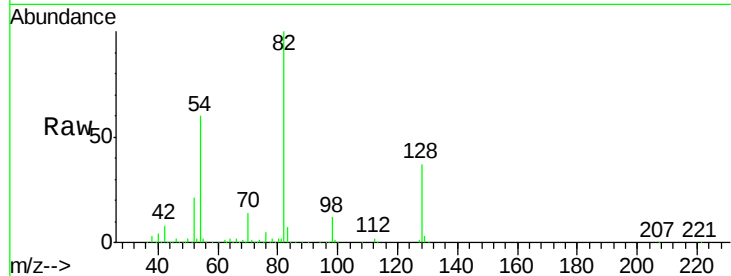
#23  
Nitrobenzene-d5  
Concen: 101.556 ng  
RT: 8.53 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 895540 |       |       |
| 128     | 37.2  |        | 31.0  | 46.6  |
| 54      | 59.7  |        | 45.4  | 68.2  |

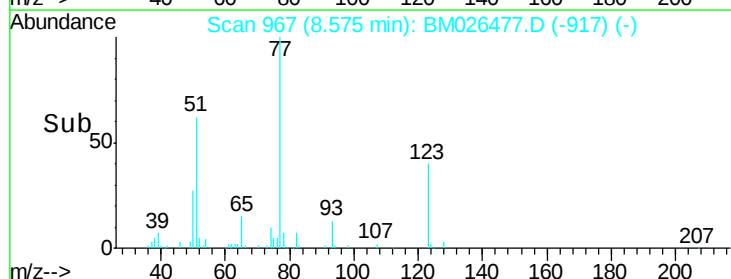
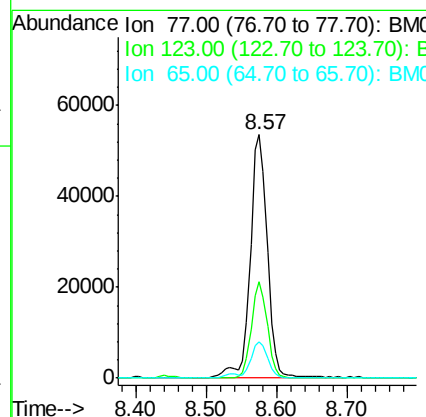
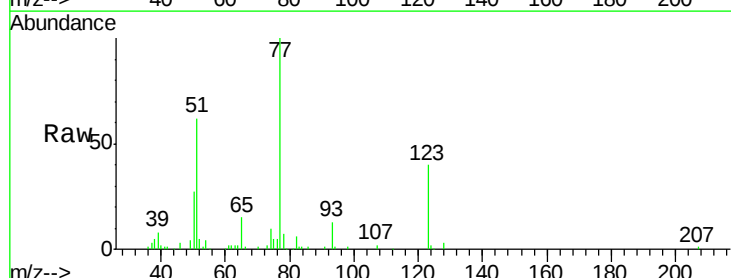
Manual Integrations  
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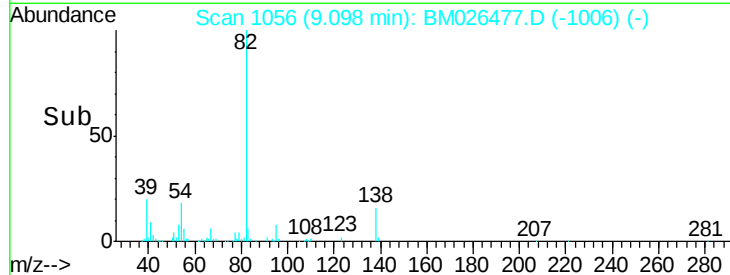
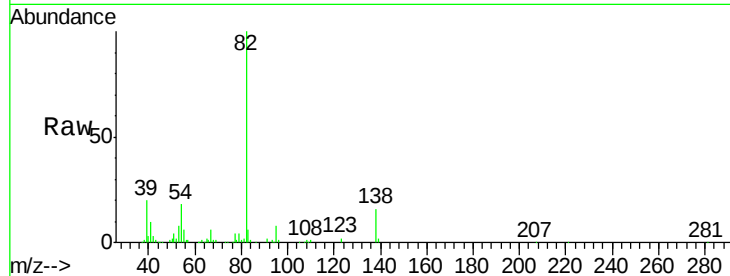
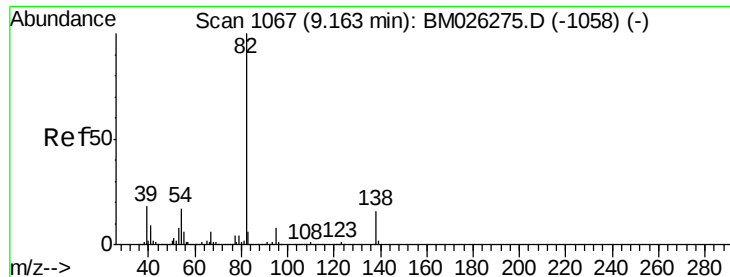
mohammad  
6/22/2020 3:23:39 PM



#24  
Nitrobenzene  
Concen: 9.879 ng  
RT: 8.57 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 91192 |       |       |
| 123     | 39.7  |       | 32.0  | 48.0  |
| 65      | 14.9  |       | 11.8  | 17.8  |





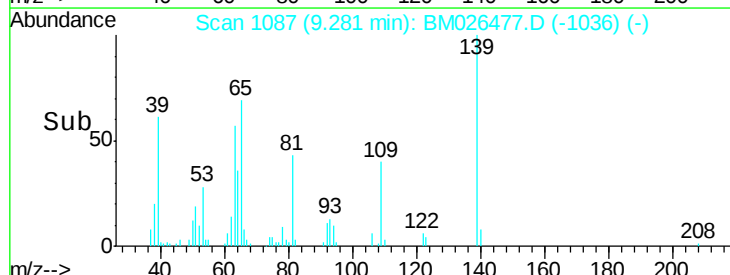
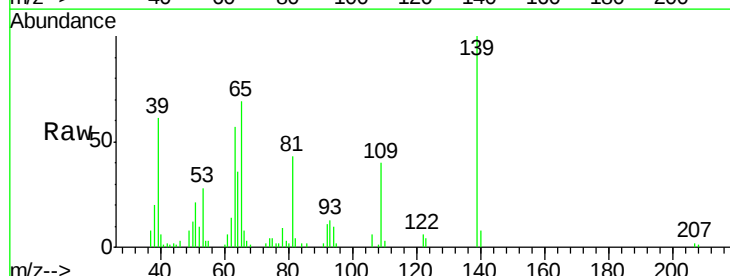
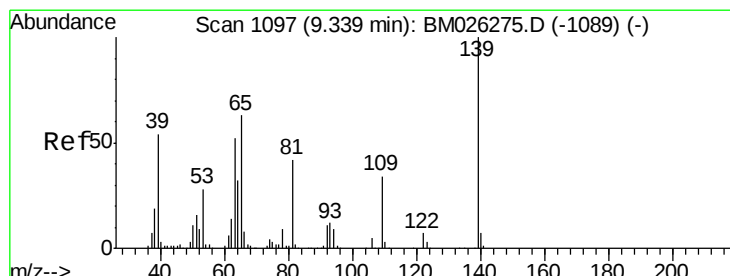
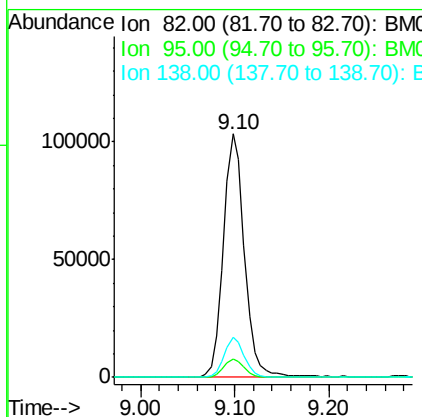
#25  
Isophorone  
Concen: 9.778 ng  
RT: 9.10 min Scan# 1056  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tot Ion   | 82    | Resp  | 161987 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.8   | 6.0   | 9.0    |
| 138       | 16.4  | 12.7  | 19.1   |

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

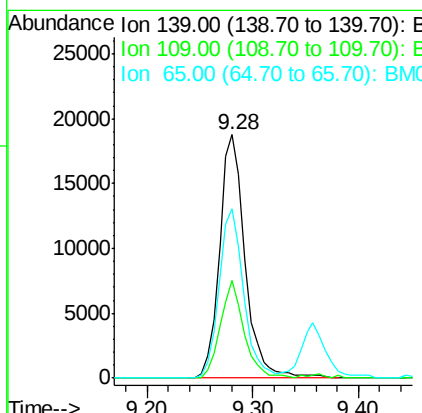
Manual Integrations  
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#26  
2-Nitrophenol  
Concen: 8.649 ng  
RT: 9.28 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion   | 139   | Resp  | 31599 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 40.3  | 25.2  | 37.8# |
| 65        | 69.4  | 47.1  | 70.7  |





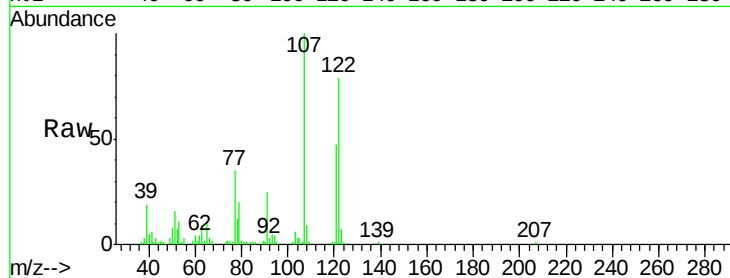
#27  
 2,4-Dimethylphenol  
 Concen: 8.170 ng  
 RT: 9.36 min Scan# 1100  
 Delta R.T. -0.01 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 126.6 | 96.1  | 144.1 |
| 121     | 60.0  | 46.0  | 69.0  |

Manual Integrations  
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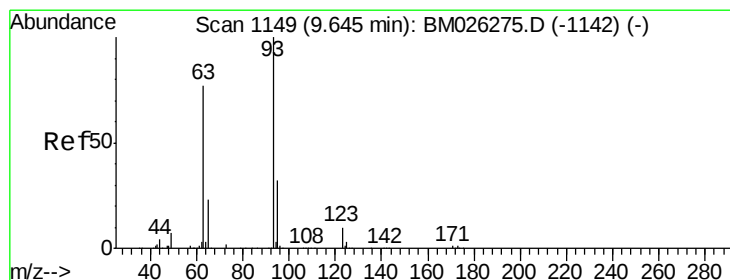
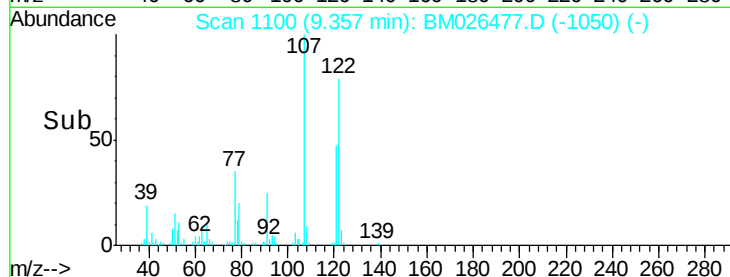
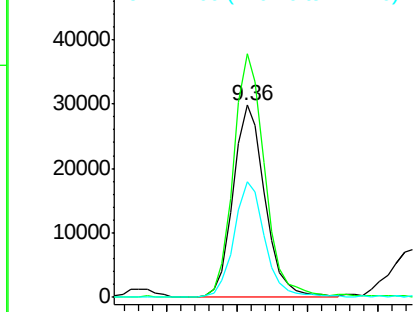


Abundance

Ion 122.00 (121.70 to 122.70): E

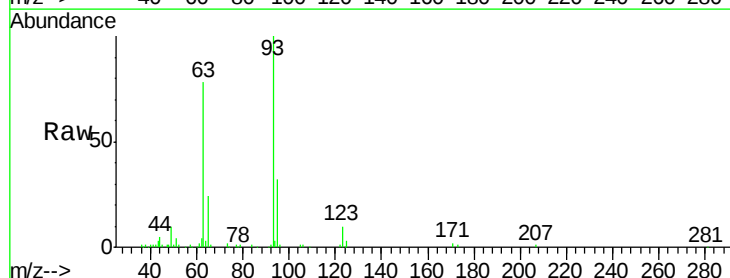
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 9.941 ng  
 RT: 9.59 min Scan# 1139  
 Delta R.T. -0.01 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 25.9  | 38.9  |
| 123     | 10.2  | 8.9   | 13.3  |

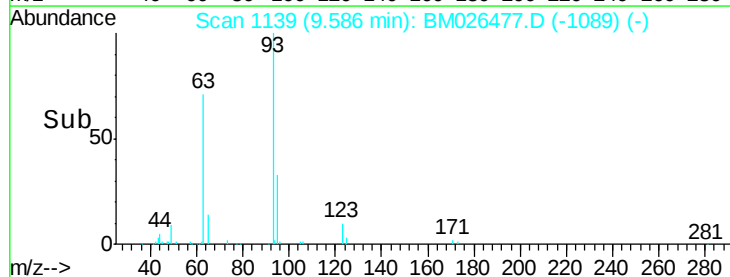
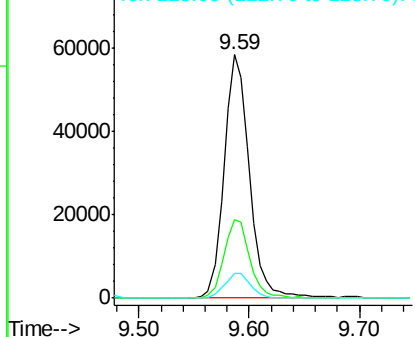


Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





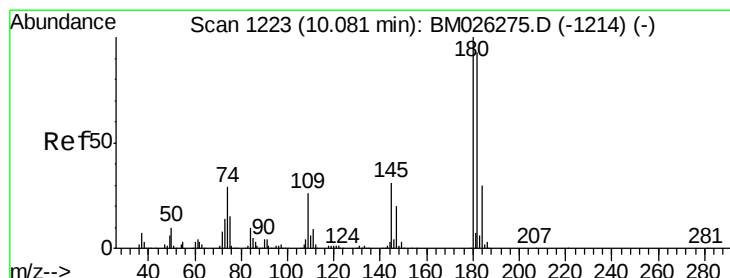
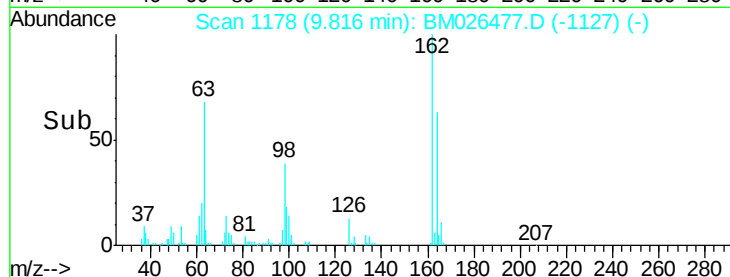
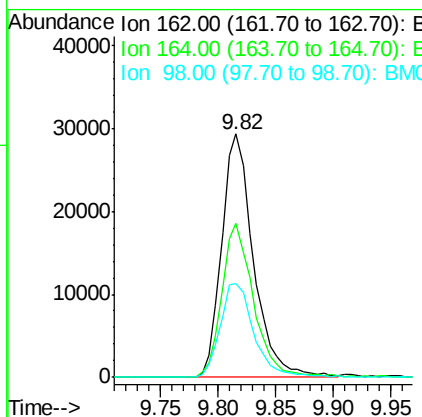
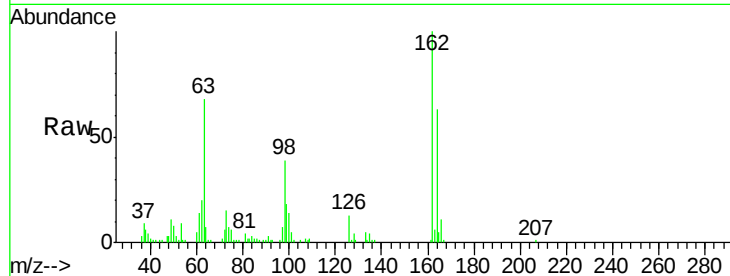
#29  
 2,4-Dichlorophenol  
 Concen: 8.871 ng  
 RT: 9.82 min Scan# 1178  
 Delta R.T. -0.00 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 162   | Resp: | 56134 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 63.3  | 46.2  | 86.2  |
| 98        | 38.8  | 19.0  | 59.0  |

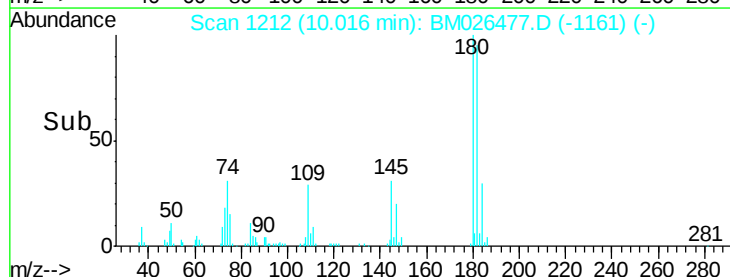
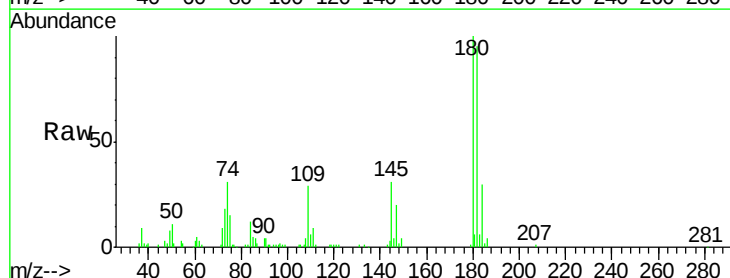
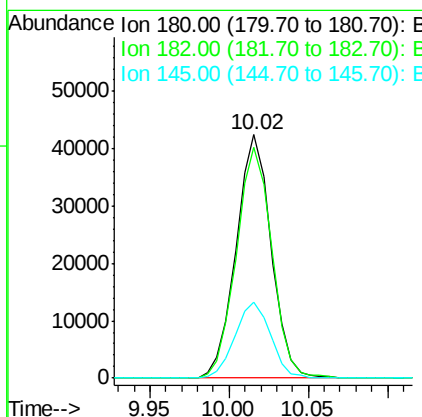
Manual Integrations  
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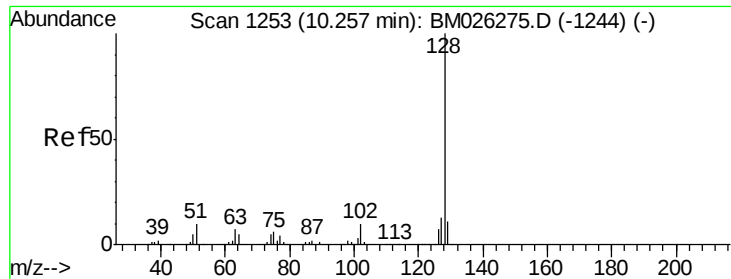
mohammad  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 9.384 ng  
 RT: 10.02 min Scan# 1212  
 Delta R.T. -0.00 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 65116 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.7  | 77.3  | 115.9 |
| 145       | 31.1  | 26.6  | 40.0  |





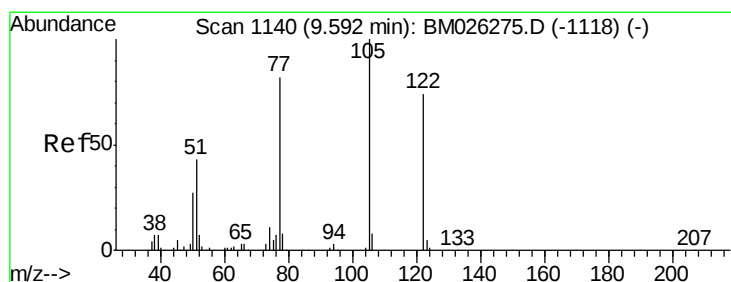
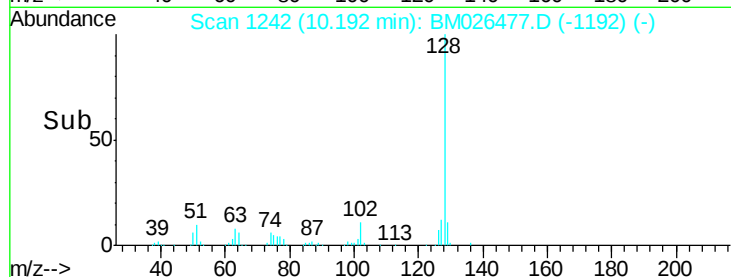
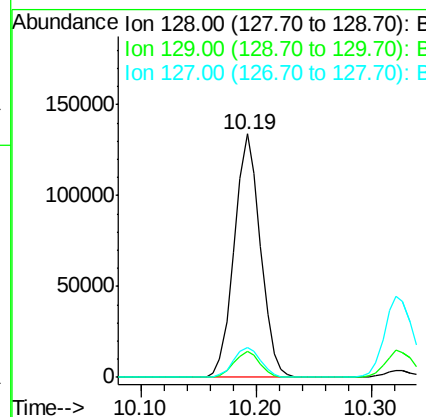
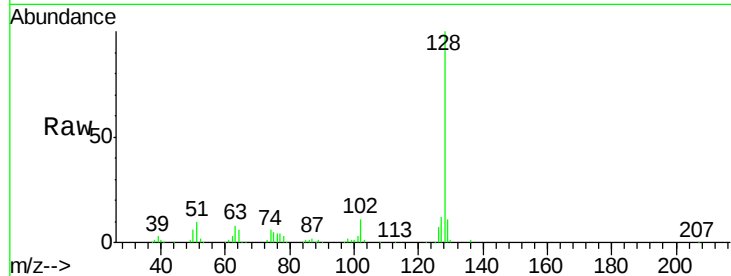
#31  
Naphthalene  
Concen: 9.615 ng  
RT: 10.19 min Scan# 1242  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 209783 |       |       |
| 129     | 10.7  |        | 8.4   | 12.6  |
| 127     | 12.2  |        | 10.2  | 15.4  |

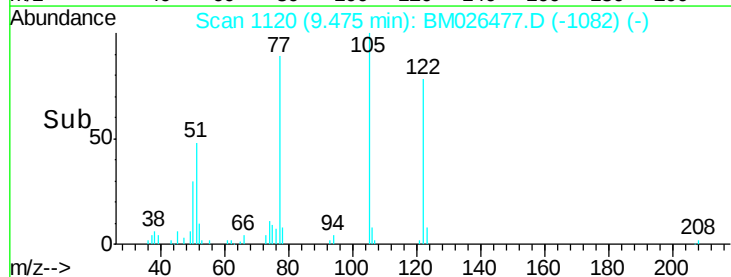
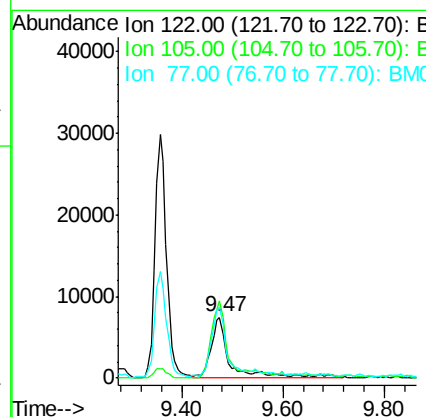
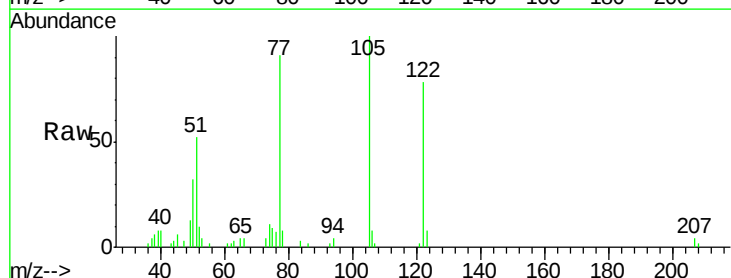
Manual Integrations  
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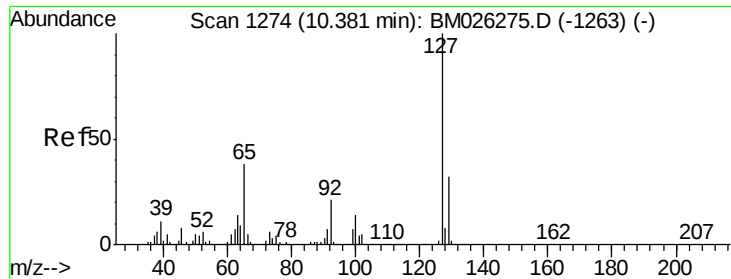
mohammad  
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#32  
Benzoic acid  
Concen: 4.585 ng m  
RT: 9.47 min Scan# 1120  
Delta R.T. -0.08 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 19649 |       |       |
| 105     | 128.1 |       | 108.9 | 148.9 |
| 77      | 116.2 |       | 90.1  | 130.1 |





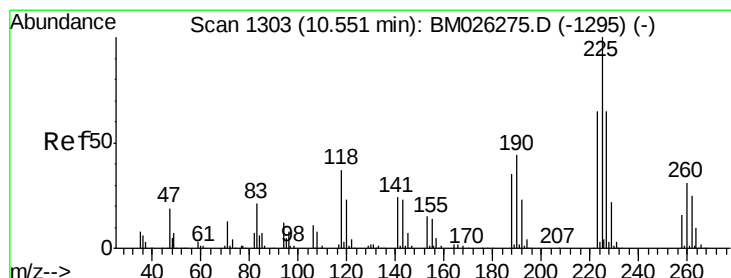
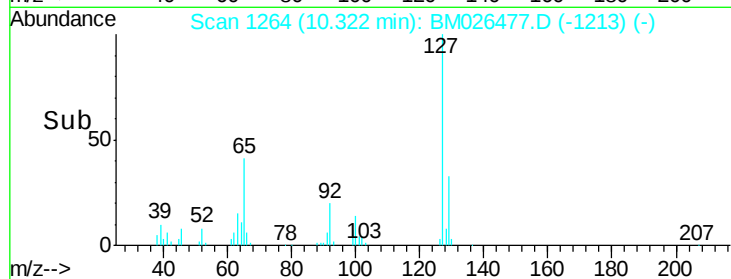
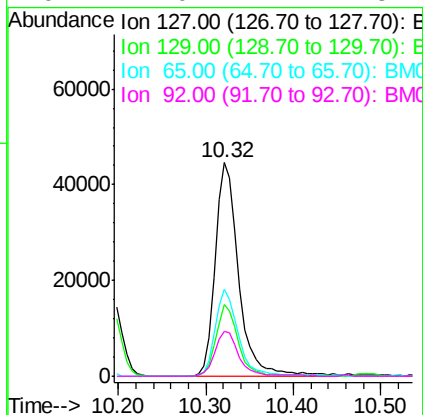
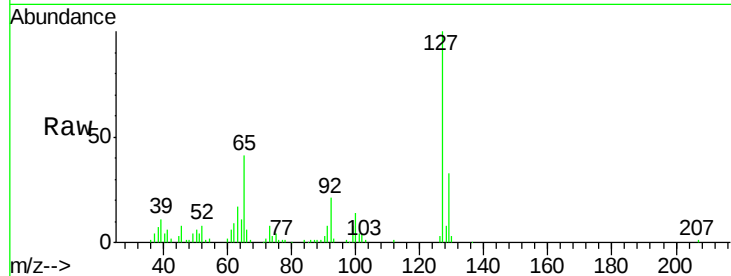
#33  
4-Chloroaniline  
Concen: 8.758 ng  
RT: 10.32 min Scan# 1264  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 83347 |       |       |
| 129     | 33.5 | 25.3  | 37.9  |       |       |
| 65      | 40.8 | 30.0  | 45.0  |       |       |
| 92      | 21.0 | 17.1  | 25.7  |       |       |

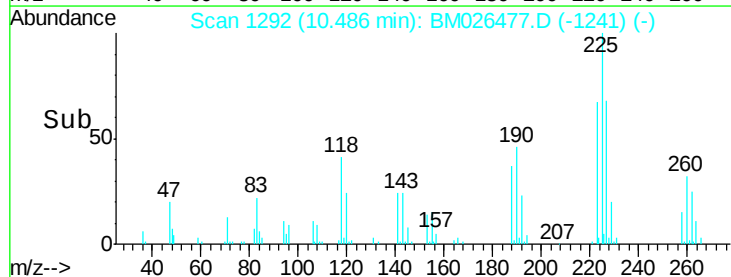
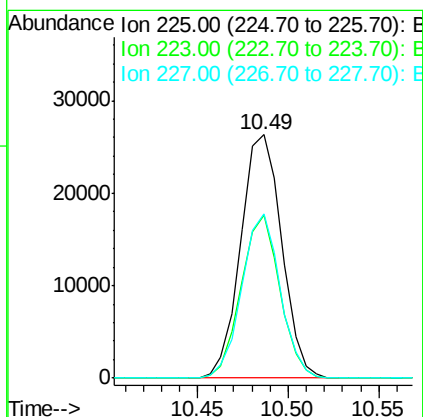
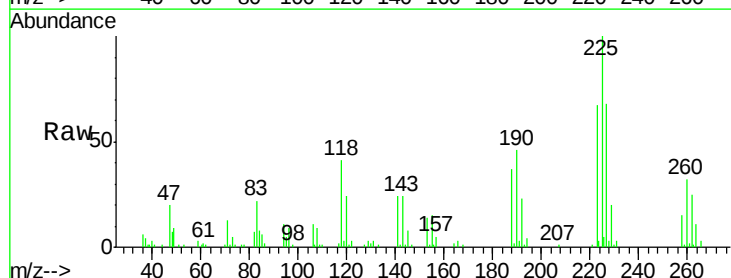
Manual Integrations  
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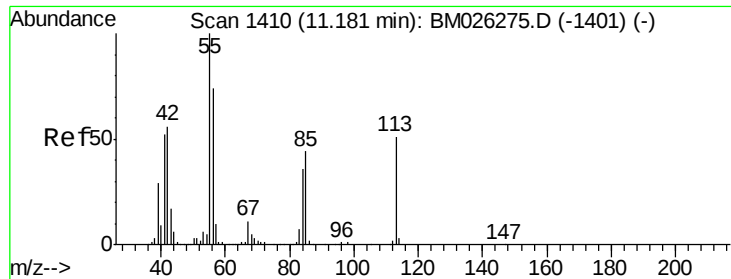
mohammad  
6/22/2020 3:23:39 PM



#34  
Hexachlorobutadiene  
Concen: 9.456 ng  
RT: 10.49 min Scan# 1292  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 41423 |       |       |
| 223     | 67.1 | 50.2  | 75.4  |       |       |
| 227     | 67.7 | 49.5  | 74.3  |       |       |





#35

Caprolactam

Concen: 10.456 ng

RT: 11.10 min Scan# 1396

Delta R.T. -0.02 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

Instrument :

BNA\_M

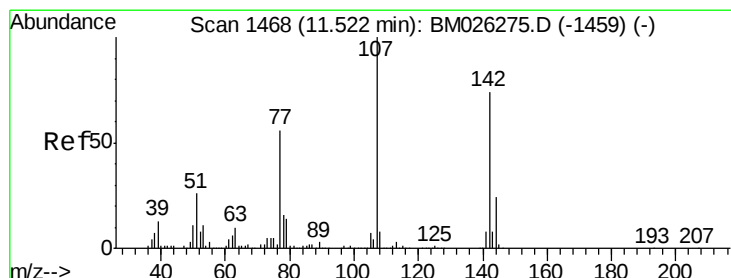
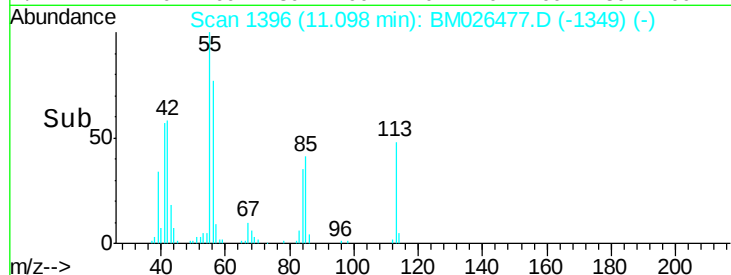
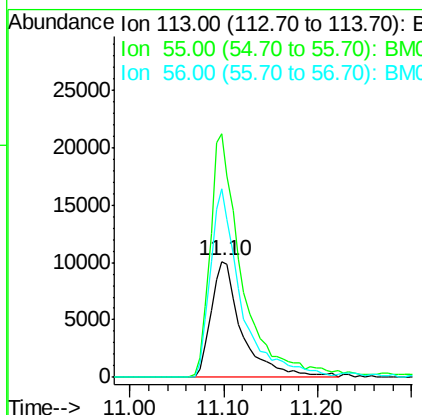
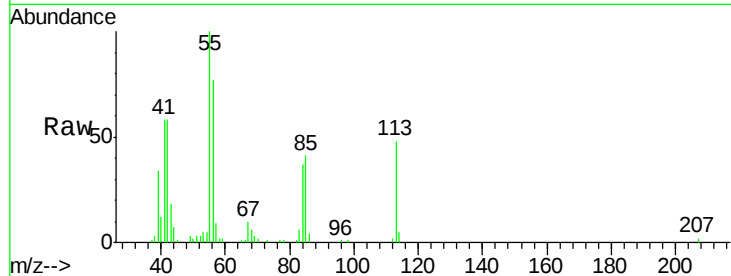
ClientSampleId :

LOQ-SOIL-02-QT2-2020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 23245 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 210.3 | 177.1 | 217.1 |
| 56       | 162.9 | 134.8 | 174.8 |

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 9.588 ng

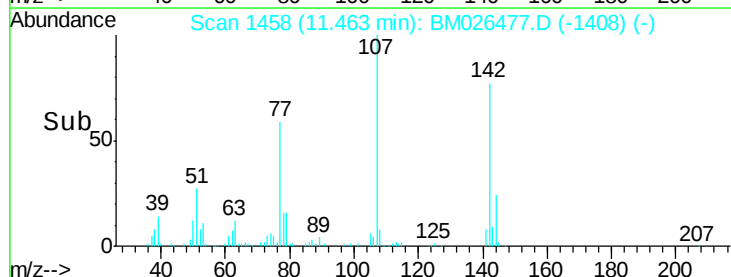
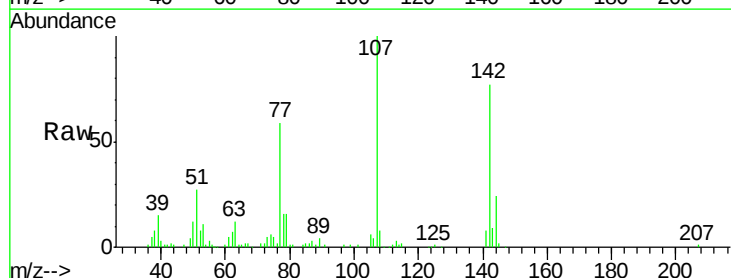
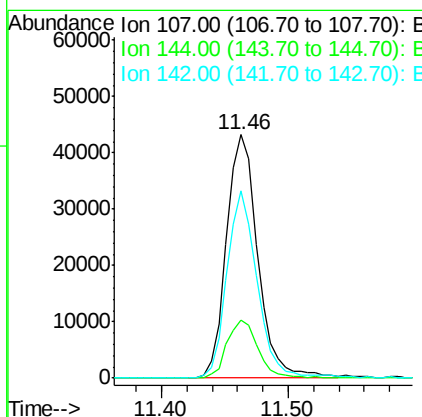
RT: 11.46 min Scan# 1458

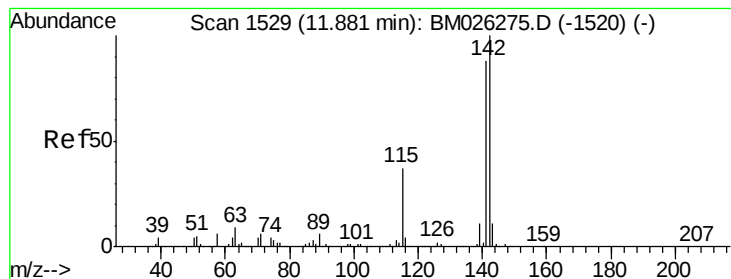
Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 73932 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 144      | 23.9  | 18.7  | 28.1  |
| 142      | 77.2  | 57.7  | 86.5  |





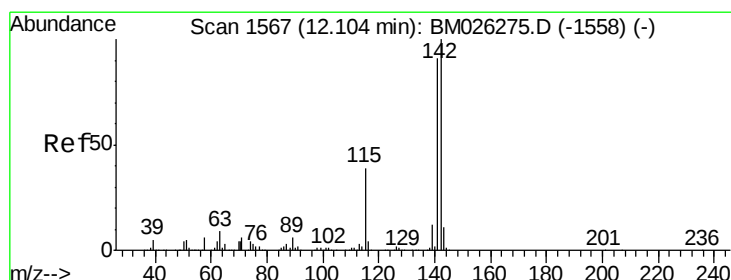
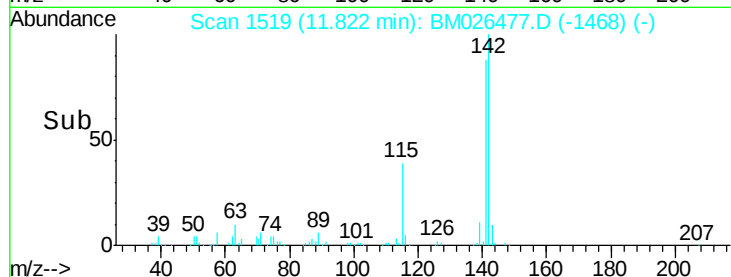
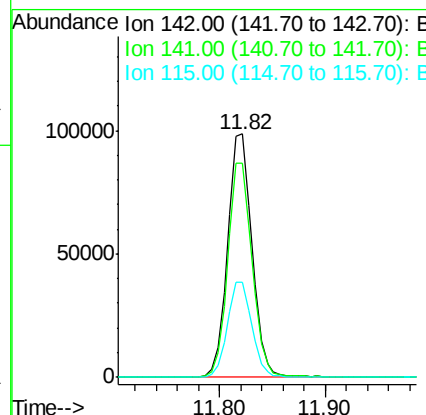
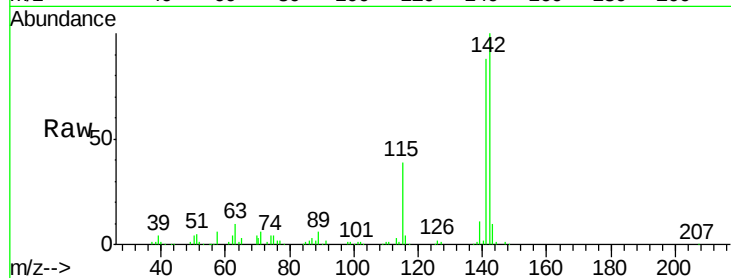
#37  
2-Methylnaphthalene  
Concen: 10.146 ng  
RT: 11.82 min Scan# 1519  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.8  | 70.5  | 105.7 |
| 115     | 38.8  | 30.2  | 45.4  |

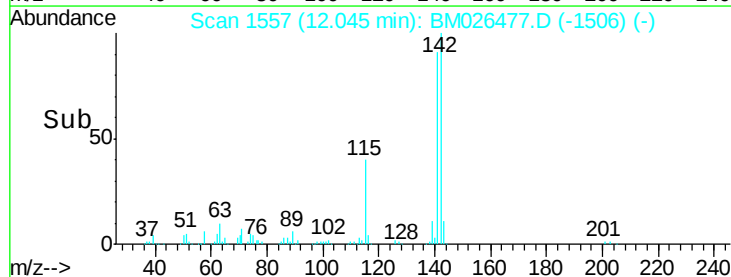
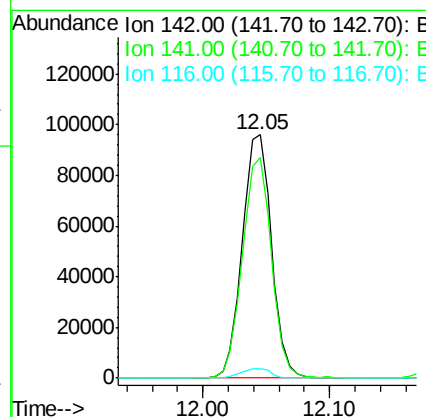
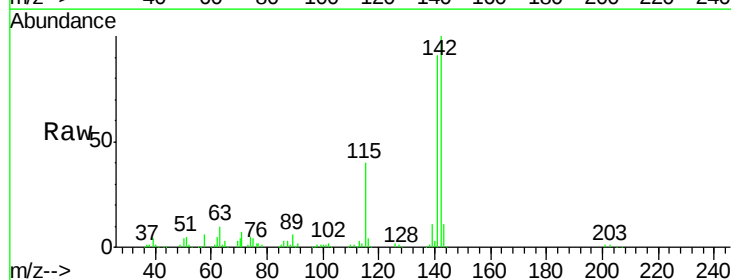
Manual Integrations  
APPROVED

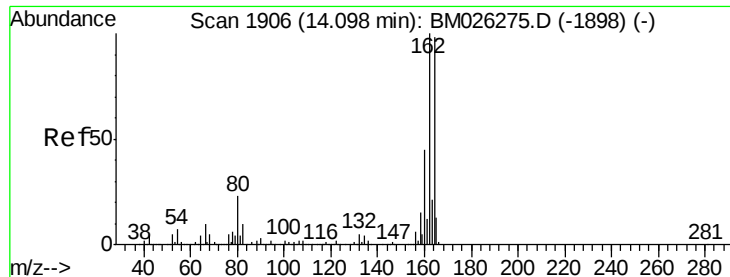
mohammad  
6/22/2020 3:23:39 PM



#38  
1-Methylnaphthalene  
Concen: 10.405 ng  
RT: 12.05 min Scan# 1557  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 73.3  | 109.9 |
| 116     | 3.9   | 3.4   | 5.0   |





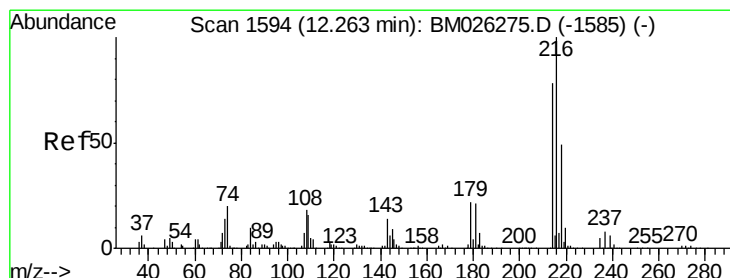
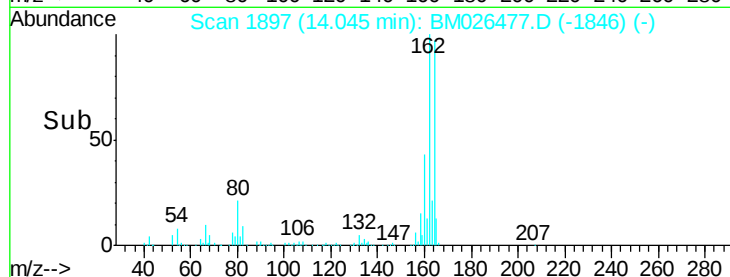
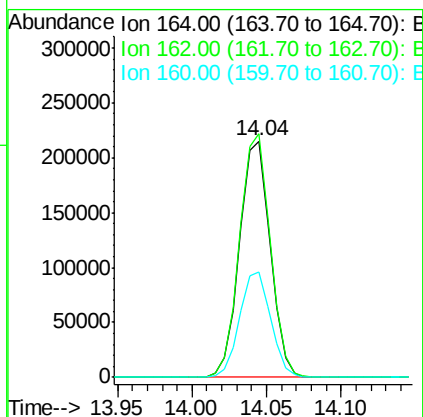
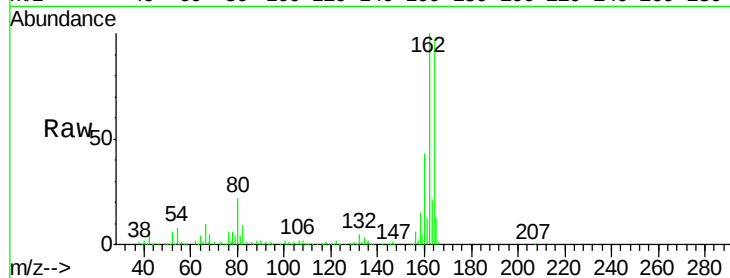
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.04 min Scan# 1897  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.2 | 77.7  | 116.5 |
| 160     | 44.8  | 34.2  | 51.2  |

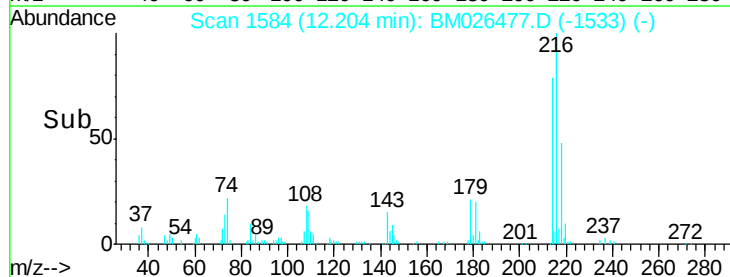
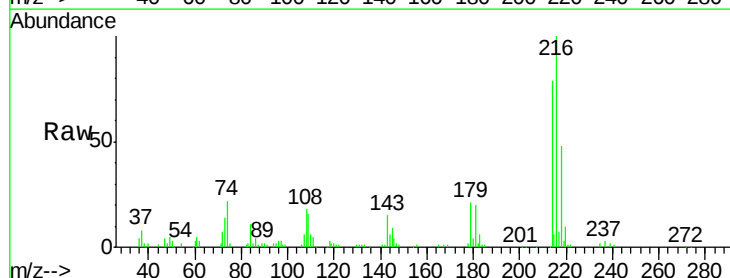
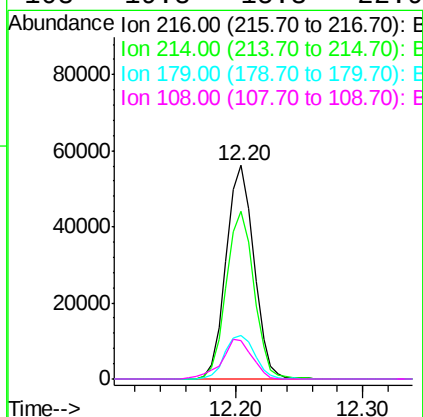
Manual Integrations  
APPROVED

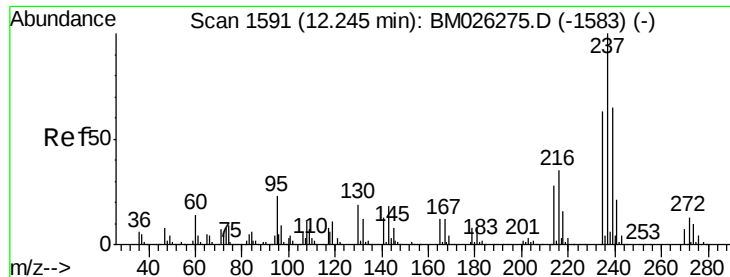
mohammad  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 9.762 ng  
RT: 12.20 min Scan# 1584  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.3  | 61.9  | 92.9  |
| 179     | 22.1  | 16.3  | 24.5  |
| 108     | 19.8  | 15.3  | 22.9  |





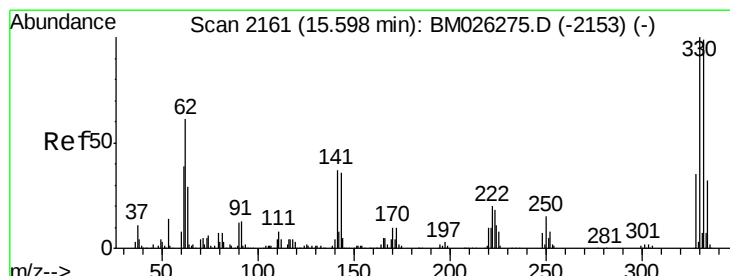
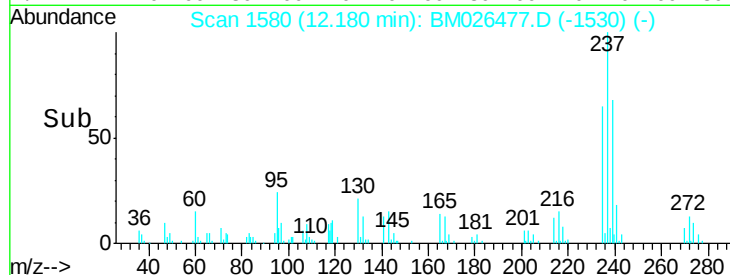
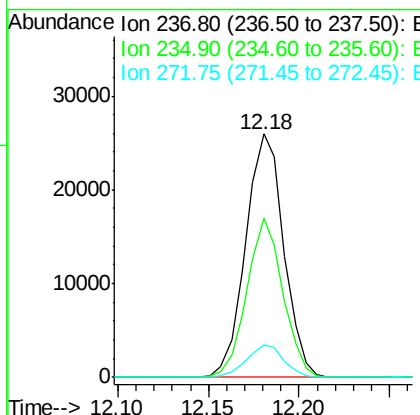
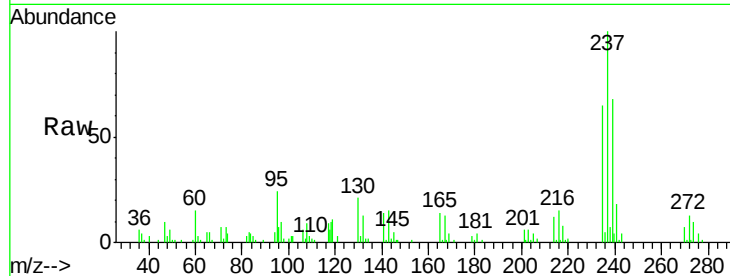
#41  
Hexachlorocyclopentadiene  
Concen: 7.351 ng  
RT: 12.18 min Scan# 1580  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 37884 |       |       |
| 235     | 65.4  | 42.1  | 82.1  |       |
| 272     | 13.4  | 0.0   | 33.5  |       |

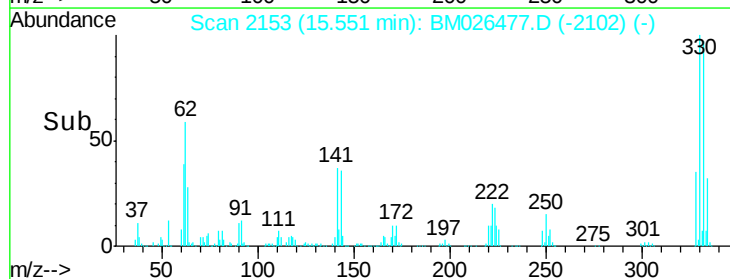
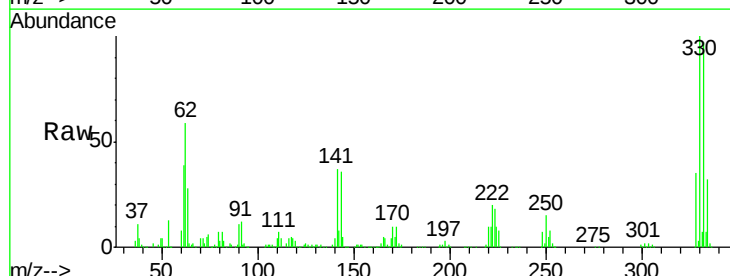
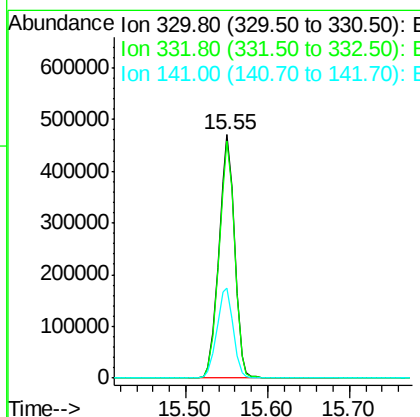
Manual Integrations  
APPROVED

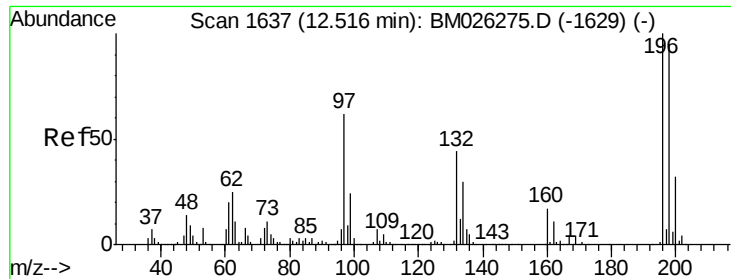
mohammad  
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#42  
2,4,6-Tribromophenol  
Concen: 168.856 ng  
RT: 15.55 min Scan# 2153  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 628439 |       |       |
| 332     | 97.1  | 77.7   | 116.5 |       |
| 141     | 38.2  | 29.7   | 44.5  |       |





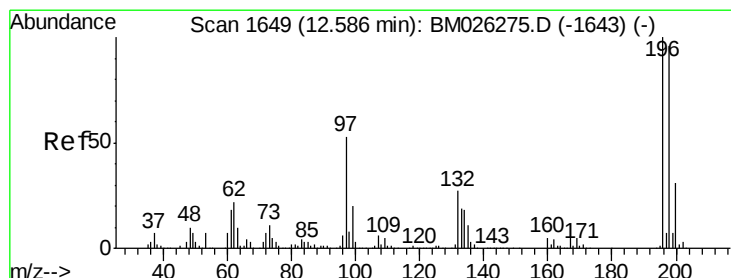
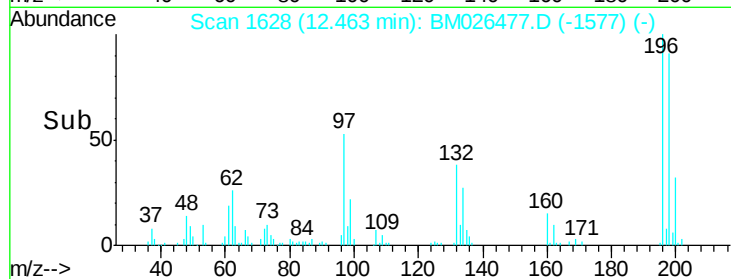
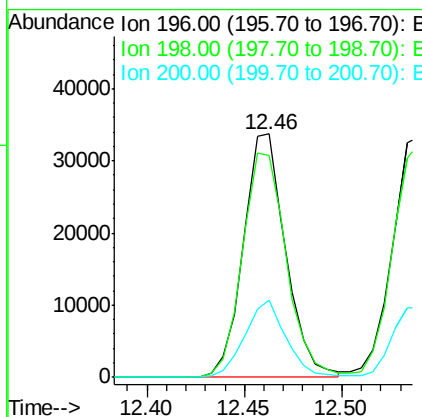
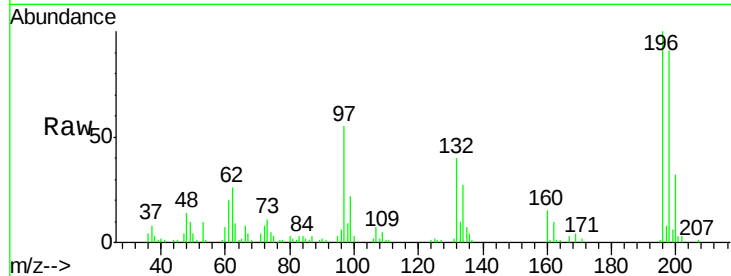
#43  
 2,4,6-Trichlorophenol  
 Concen: 8.567 ng  
 RT: 12.46 min Scan# 1628  
 Delta R.T. -0.00 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 50715 |       |       |
| 198     | 91.3  | 79.0  | 118.4 |       |
| 200     | 31.6  | 25.2  | 37.8  |       |

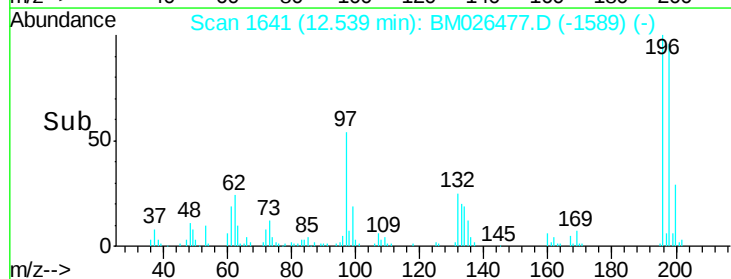
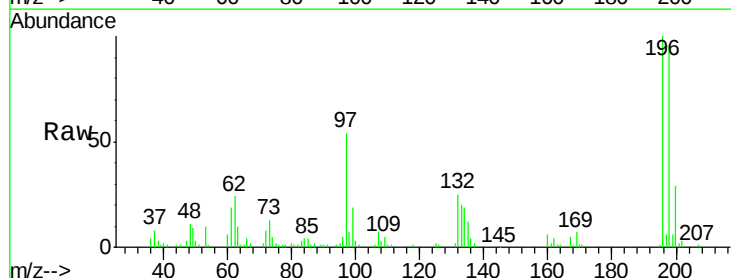
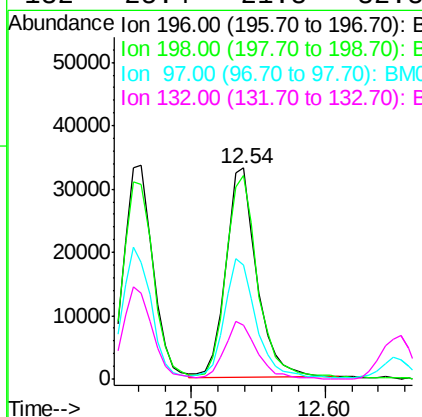
Manual Integrations  
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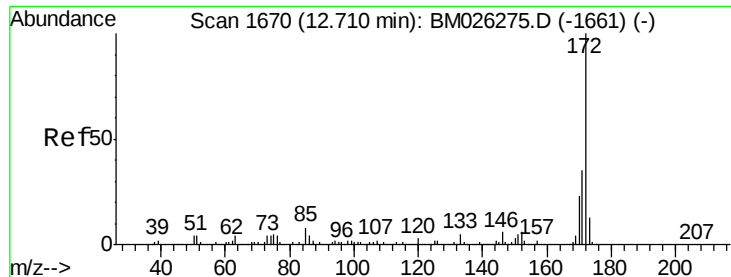
mohammad  
 6/22/2020 3:23:39 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 7.870 ng  
 RT: 12.54 min Scan# 1641  
 Delta R.T. 0.01 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 54077 |       |       |
| 198     | 96.4  | 77.1  | 115.7 |       |
| 97      | 54.3  | 43.0  | 64.4  |       |
| 132     | 25.4  | 21.8  | 32.8  |       |





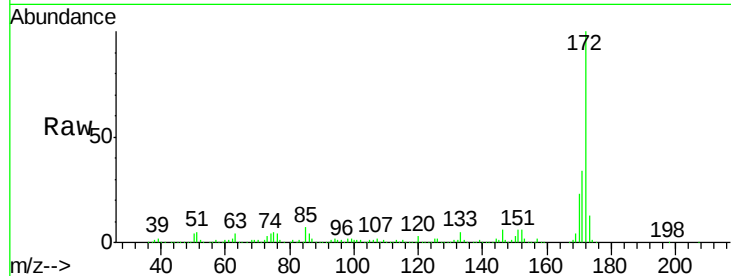
#45  
2-Fluorobiphenyl  
Concen: 100.136 ng  
RT: 12.66 min Scan# 1661  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

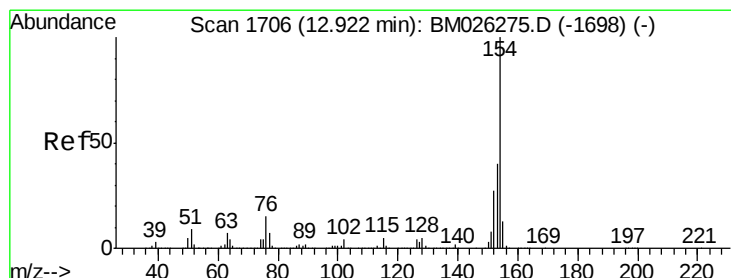
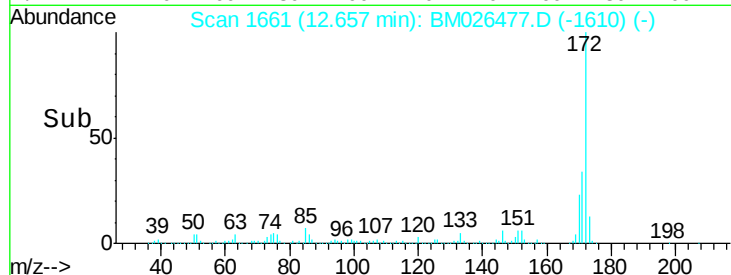
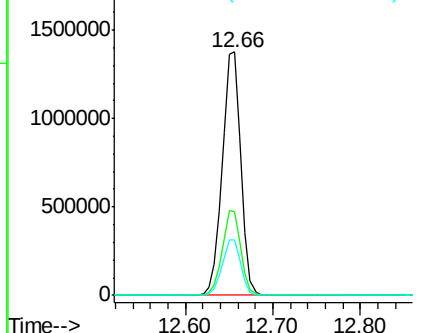
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.5  | 27.8  | 41.8  |
| 170     | 23.0  | 18.2  | 27.4  |

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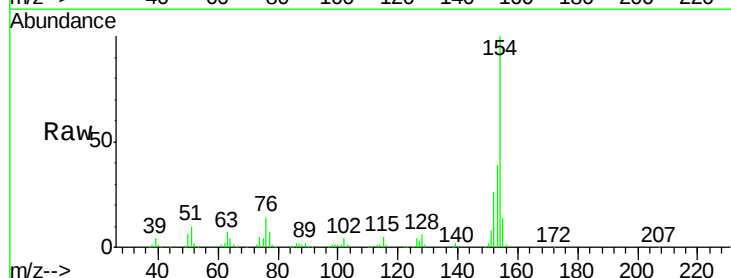


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

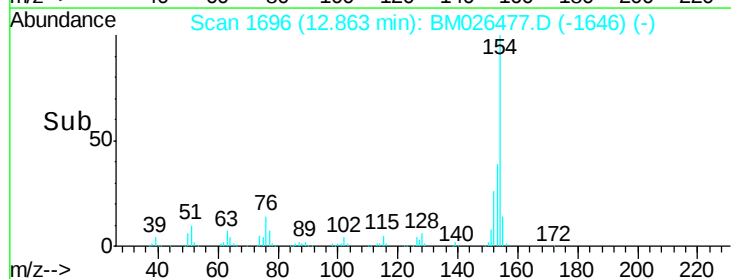
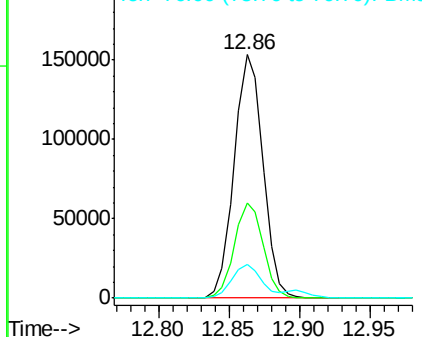


#46  
1,1'-Biphenyl  
Concen: 10.168 ng  
RT: 12.86 min Scan# 1696  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.2  | 20.0  | 60.0  |
| 76      | 14.0  | 0.0   | 34.6  |



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BM





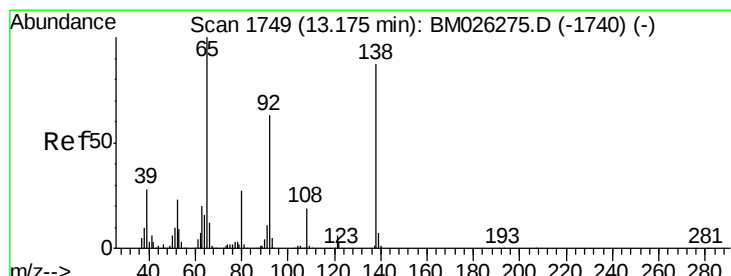
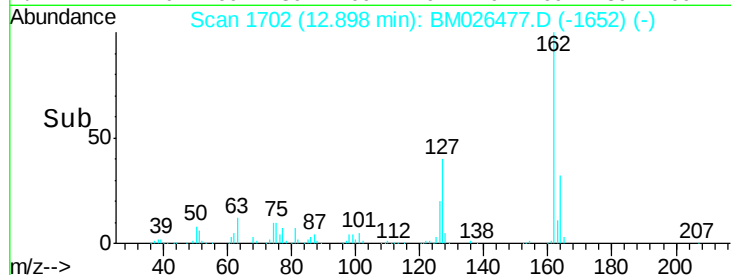
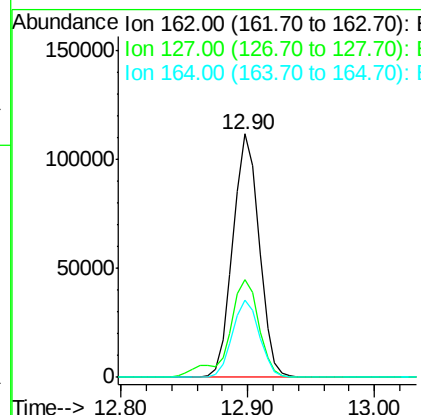
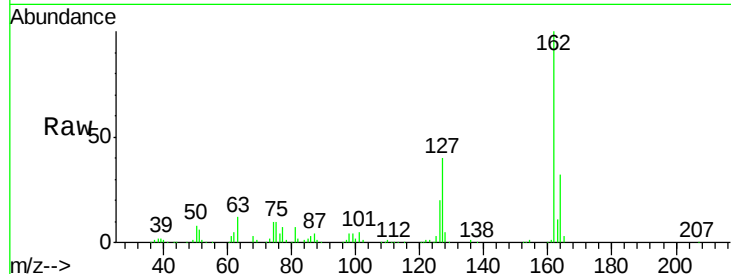
#47  
 2-Chloronaphthalene  
 Concen: 9.139 ng  
 RT: 12.90 min Scan# 1702  
 Delta R.T. -0.01 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 159901 |       |       |
| 127     | 40.3  | 34.0   | 51.0  |       |
| 164     | 32.0  | 26.3   | 39.5  |       |

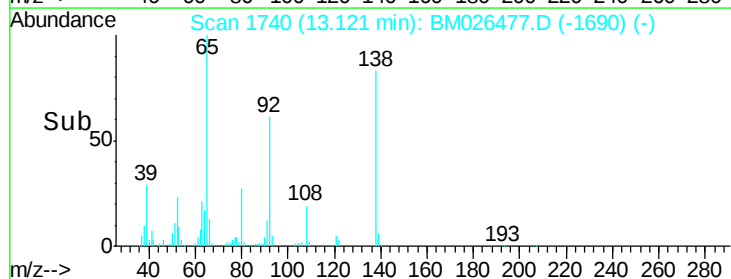
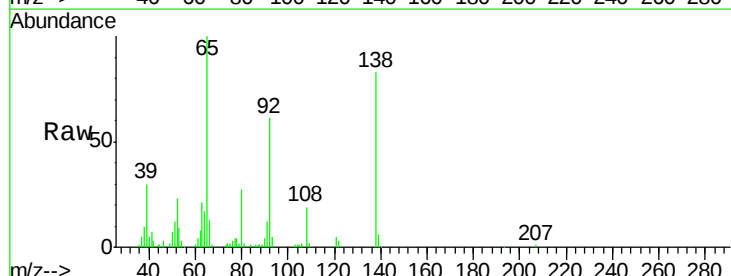
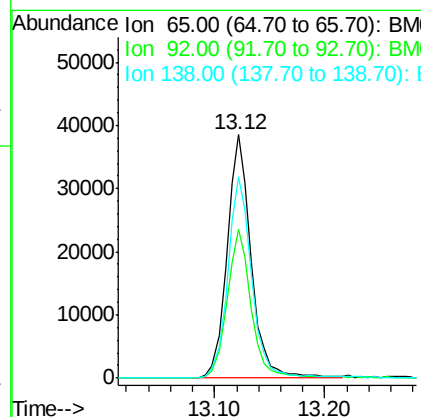
Manual Integrations  
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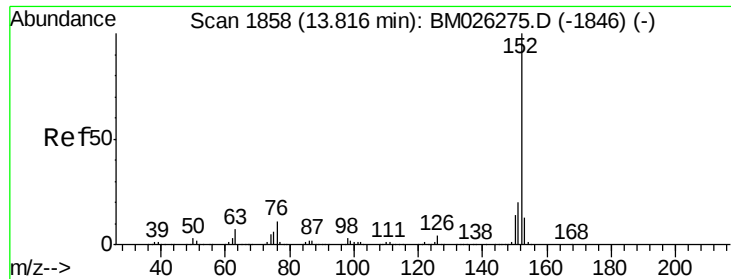
mohammad  
 6/22/2020 3:23:39 PM



#48  
 2-Nitroaniline  
 Concen: 8.434 ng  
 RT: 13.12 min Scan# 1740  
 Delta R.T. -0.01 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 58484 |       |       |
| 92      | 60.9  | 50.6  | 76.0  |       |
| 138     | 82.7  | 71.6  | 107.4 |       |





#49

Acenaphthylene

Concen: 9.262 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

Instrument :

BNA\_M

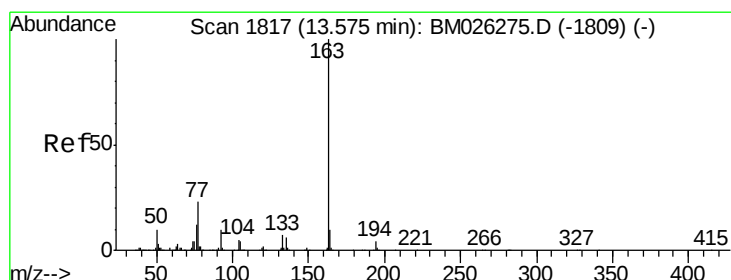
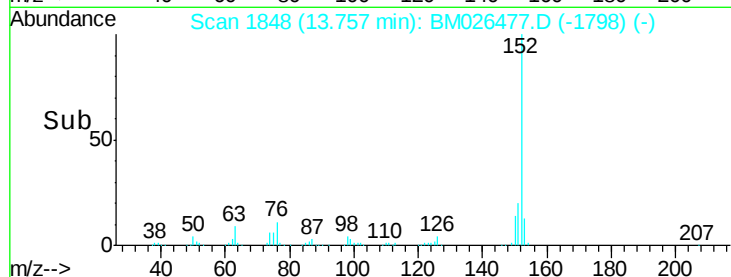
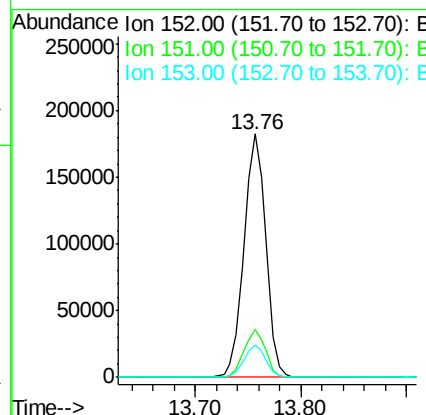
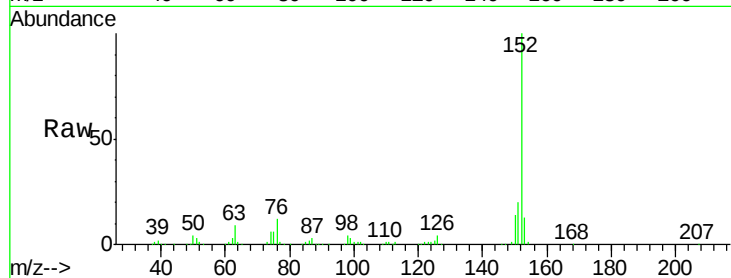
ClientSampleId :

LOQ-SOIL-02-QT2-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 259174 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.7  | 15.8  | 23.6   |
| 153       | 13.2  | 10.1  | 15.1   |

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#50

Dimethylphthalate

Concen: 9.590 ng

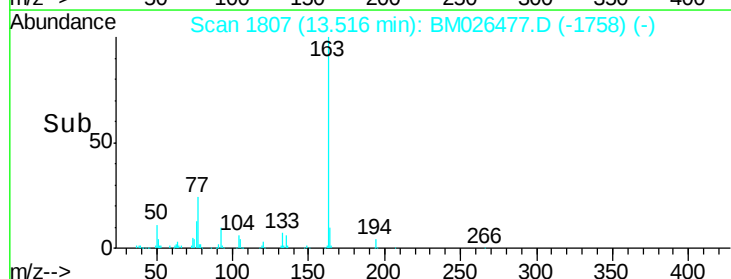
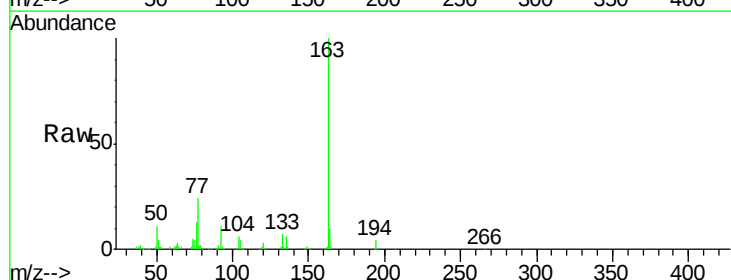
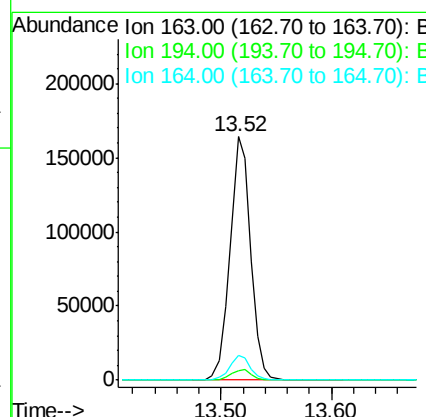
RT: 13.52 min Scan# 1807

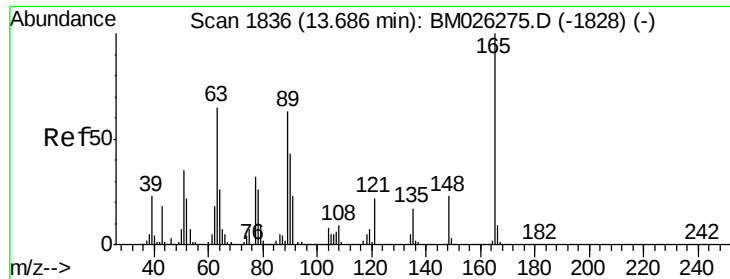
Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 215504 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.9   | 3.4   | 5.2    |
| 164       | 9.9   | 7.8   | 11.8   |





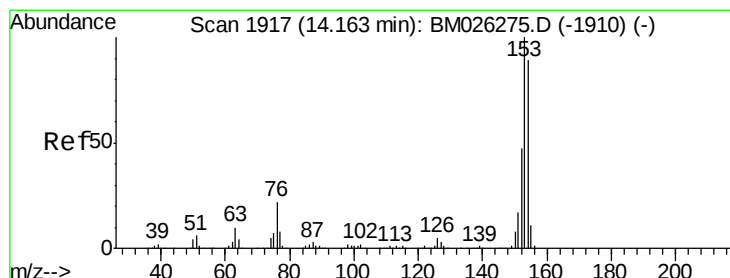
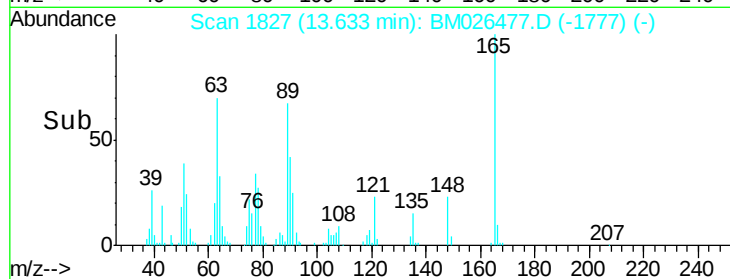
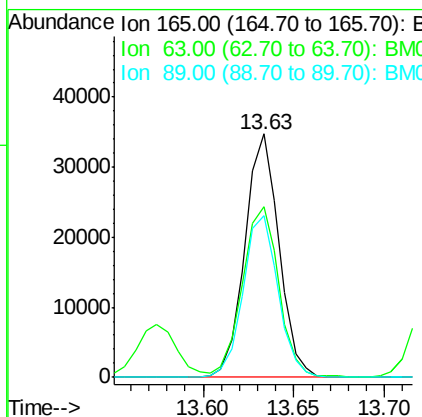
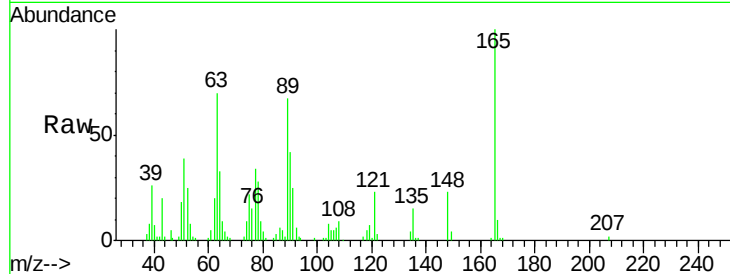
#51  
2,6-Dinitrotoluene  
Concen: 9.191 ng  
RT: 13.63 min Scan# 1827  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 45322 |       |       |
| 63      | 70.0  |       | 54.3  | 81.5  |
| 89      | 66.6  |       | 51.5  | 77.3  |

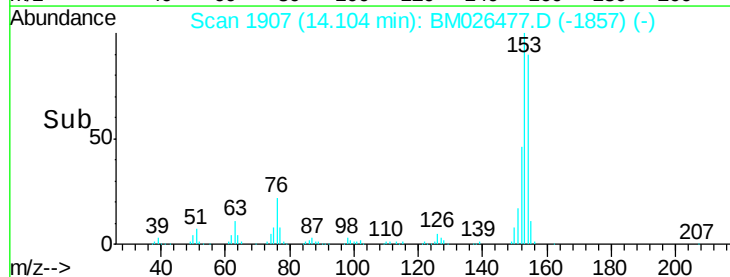
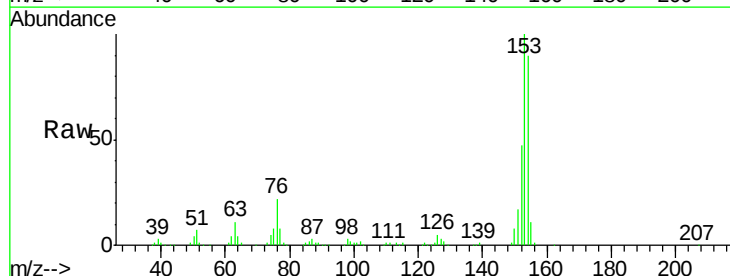
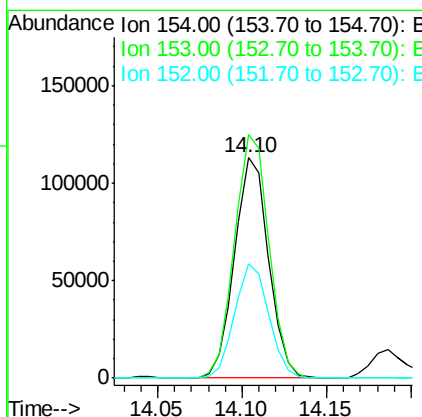
Manual Integrations  
APPROVED

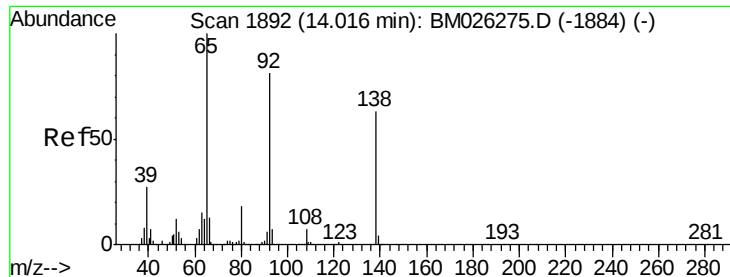
mohammad  
6/22/2020 3:23:39 PM



#52  
Acenaphthene  
Concen: 9.454 ng  
RT: 14.10 min Scan# 1907  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 158829 |       |       |
| 153     | 110.6 |        | 88.6  | 132.8 |
| 152     | 51.7  |        | 42.0  | 63.0  |





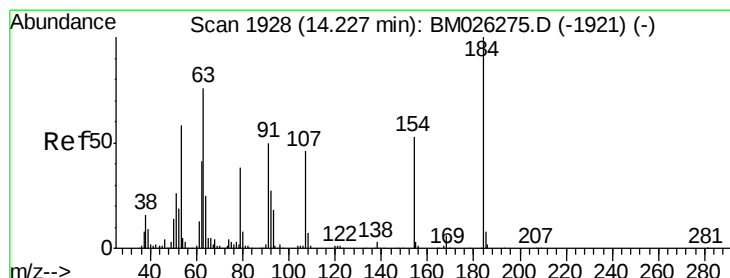
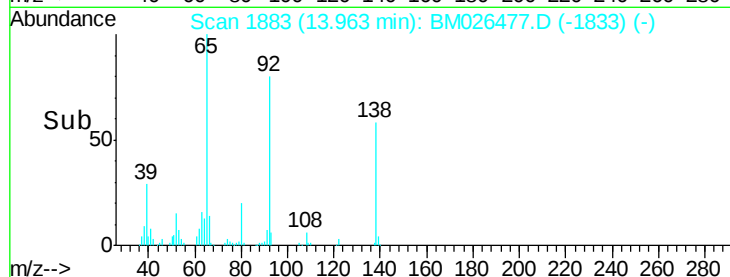
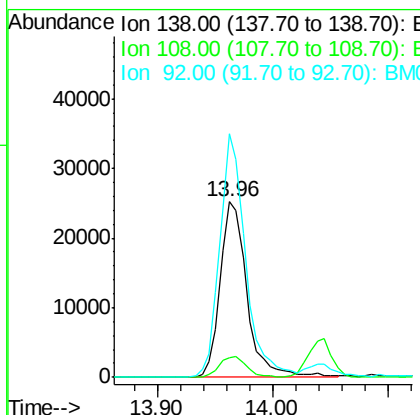
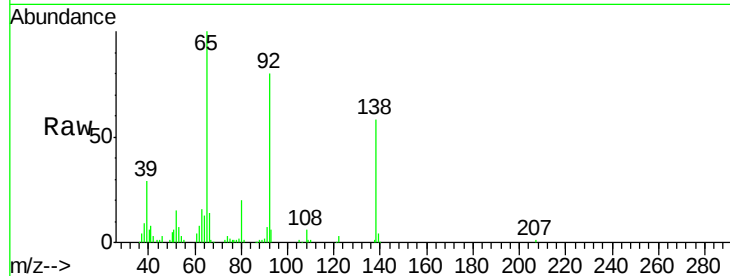
#53  
3-Nitroaniline  
Concen: 7.416 ng  
RT: 13.96 min Scan# 1883  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.2  | 9.4   | 14.0  |
| 92      | 138.9 | 105.4 | 158.2 |

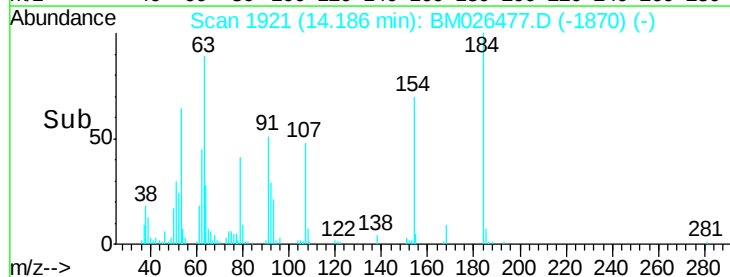
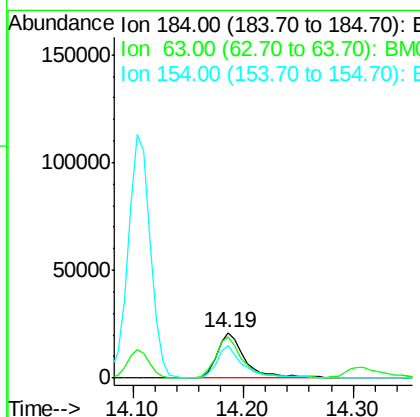
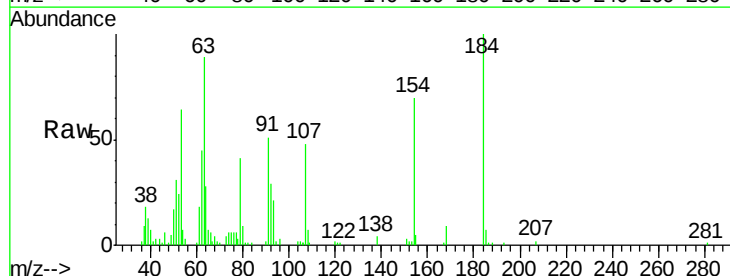
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#54  
2,4-Dinitrophenol  
Concen: 12.417 ng  
RT: 14.19 min Scan# 1921  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 89.1  | 61.8  | 92.6  |
| 154     | 70.1  | 53.1  | 79.7  |





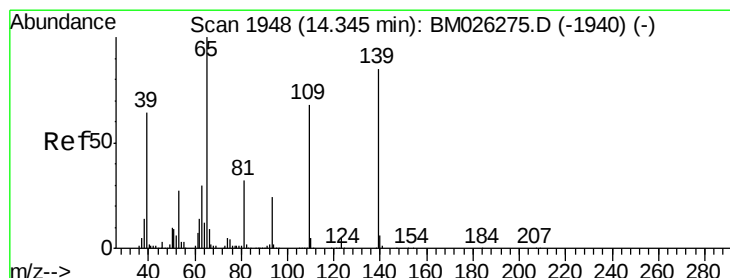
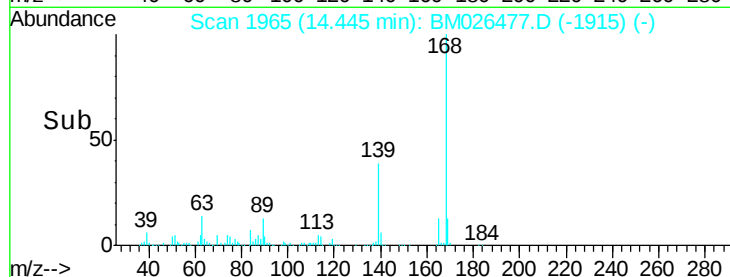
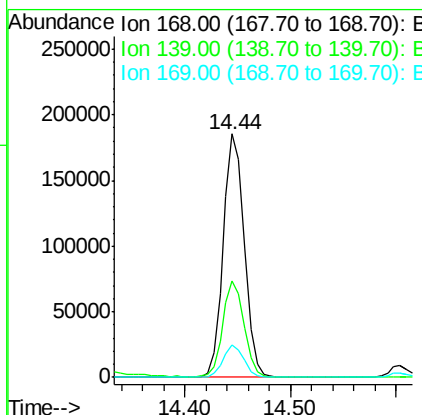
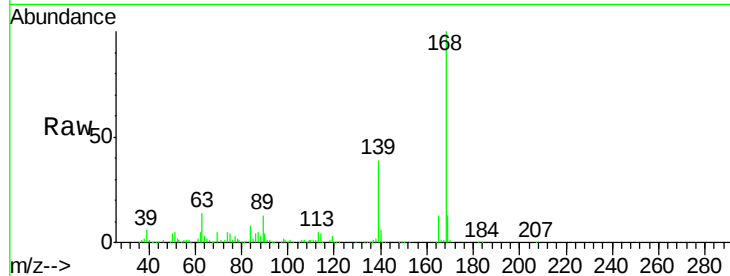
#55  
Dibenzenofuran  
Concen: 9.488 ng  
RT: 14.44 min Scan# 1965  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 256821 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 39.4  | 31.4  | 47.0   |
| 169       | 13.1  | 10.7  | 16.1   |

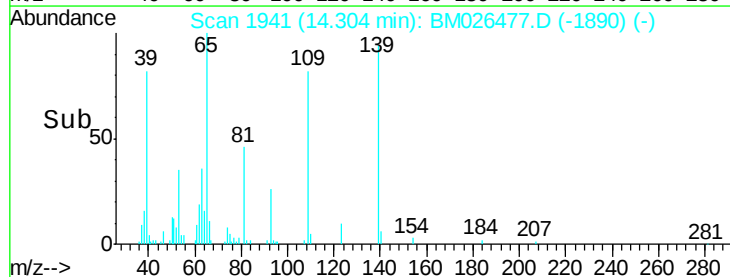
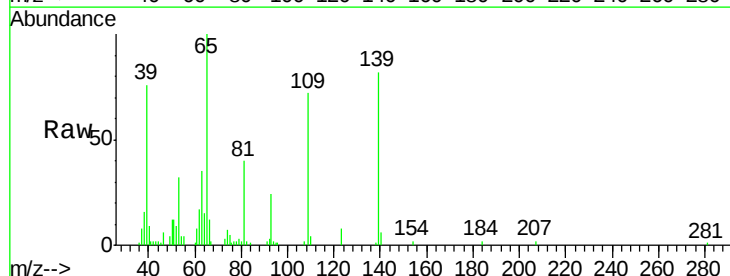
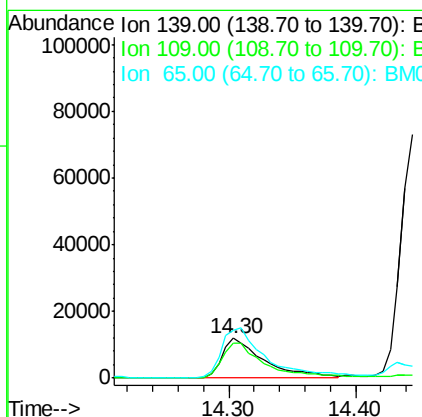
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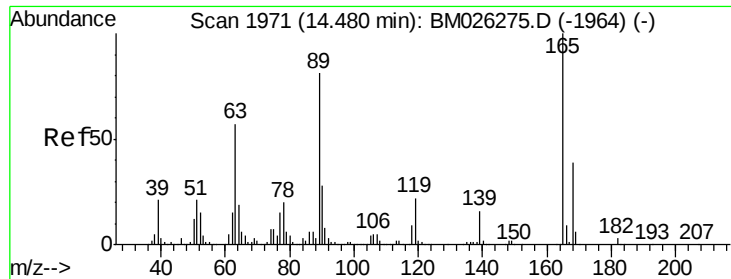
mohammad  
6/22/2020 3:23:39 PM



#56  
4-Nitrophenol  
Concen: 6.376 ng  
RT: 14.30 min Scan# 1941  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 27764 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 87.2  | 64.9  | 104.9 |
| 65        | 121.3 | 98.1  | 138.1 |





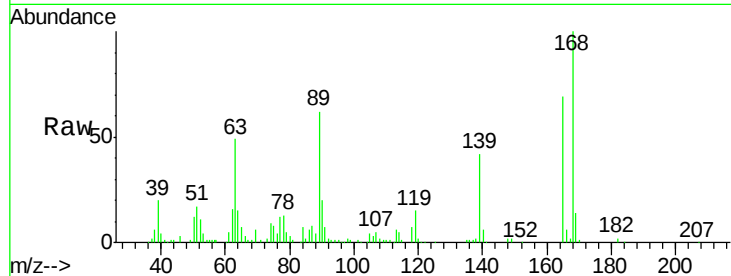
#57  
 2,4-Dinitrotoluene  
 Concen: 9.011 ng  
 RT: 14.43 min Scan# 1963  
 Delta R.T. -0.01 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 71.4  | 48.1  | 72.1  |
| 89      | 89.1  | 65.6  | 98.4  |
| 182     | 3.0   | 2.7   | 4.1   |

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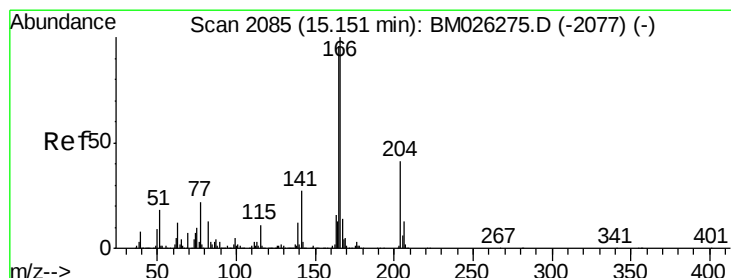
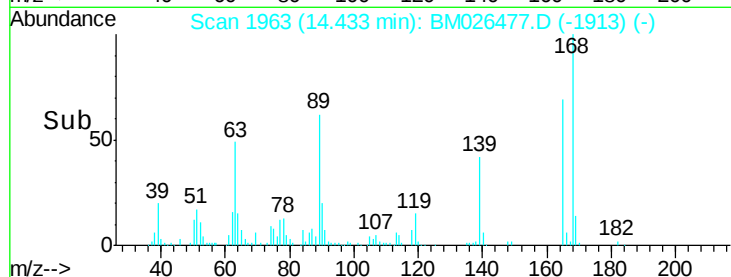
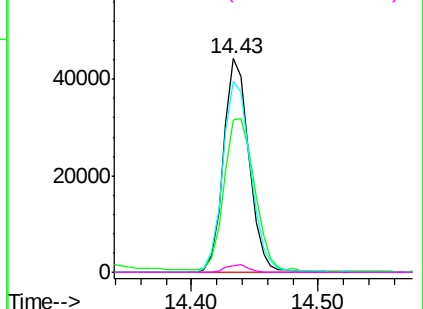


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

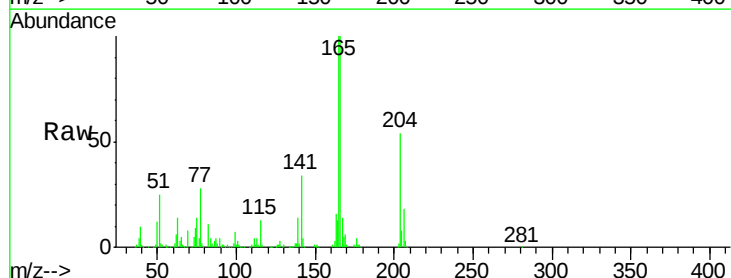
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58  
 Fluorene  
 Concen: 9.478 ng  
 RT: 15.10 min Scan# 2077  
 Delta R.T. -0.00 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

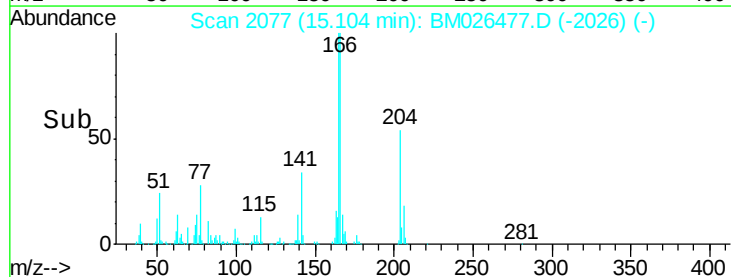
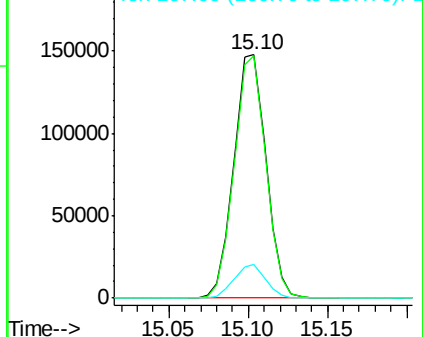
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.7  | 77.5  | 116.3 |
| 167     | 13.7  | 10.9  | 16.3  |

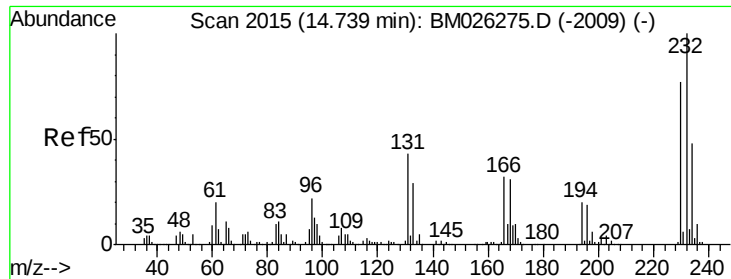


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





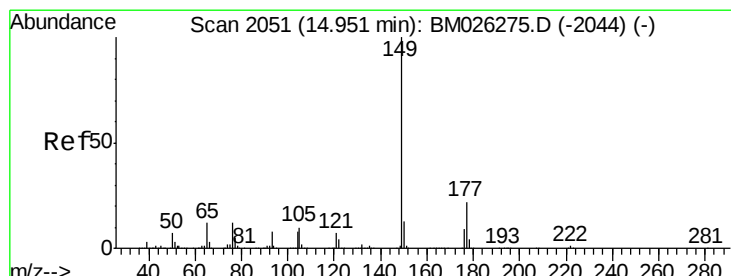
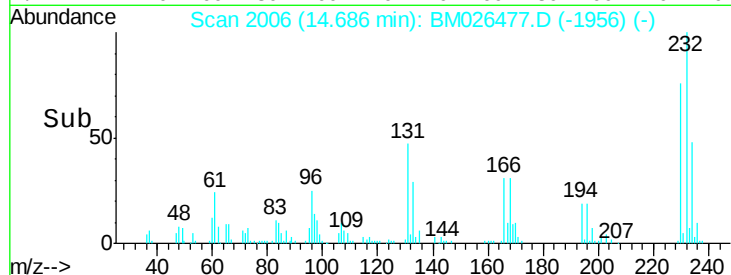
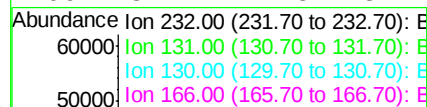
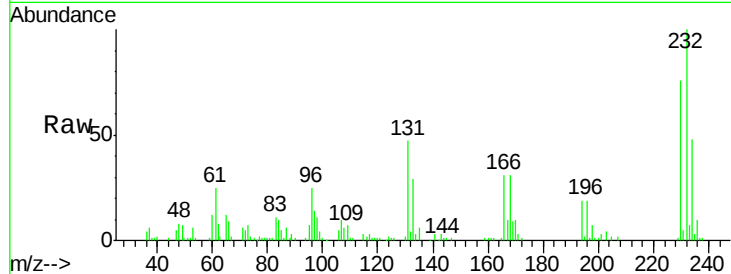
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 9.044 ng  
RT: 14.69 min Scan# 2006  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 48.7  | 36.4  | 54.6  |
| 130     | 2.5   | 2.0   | 3.0   |
| 166     | 31.2  | 24.8  | 37.2  |

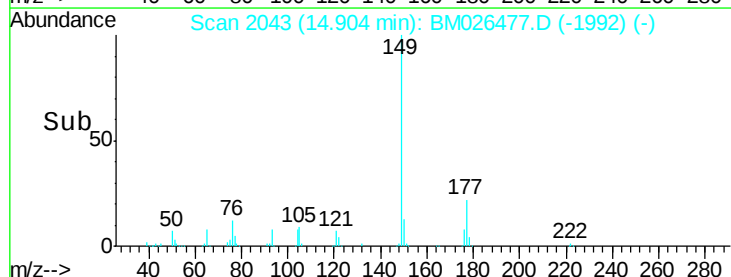
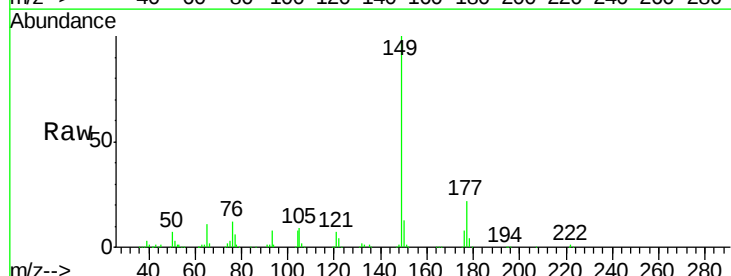
Manual Integrations  
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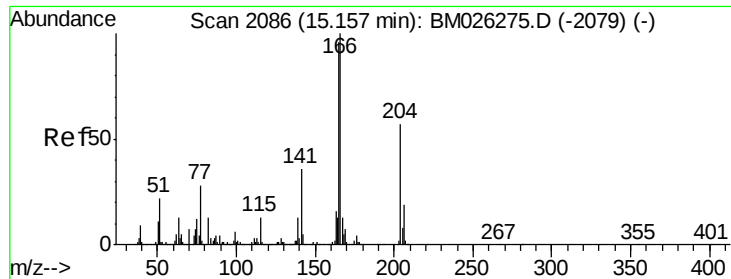
mohammad  
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#60  
Diethylphthalate  
Concen: 9.704 ng  
RT: 14.90 min Scan# 2043  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.9  | 17.6  | 26.4  |
| 150     | 12.8  | 9.9   | 14.9  |





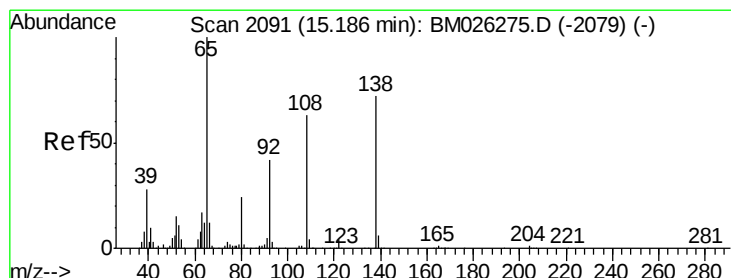
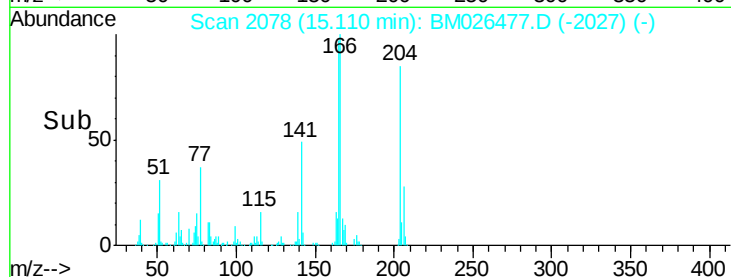
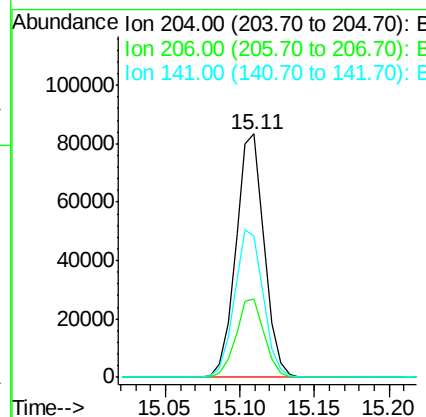
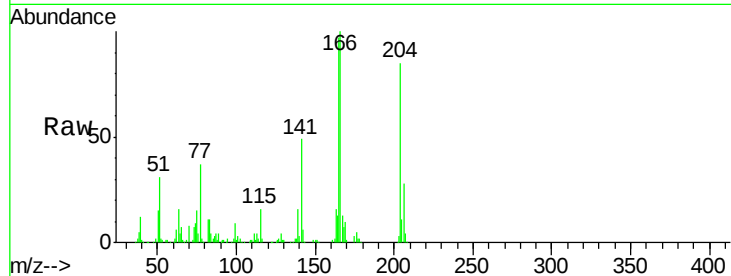
#61  
4-Chlorophenyl-phenylether  
Concen: 9.449 ng  
RT: 15.11 min Scan# 2078  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 110194 |       |       |
| 206     | 32.3  | 26.6   | 40.0  |       |
| 141     | 58.0  | 49.4   | 74.2  |       |

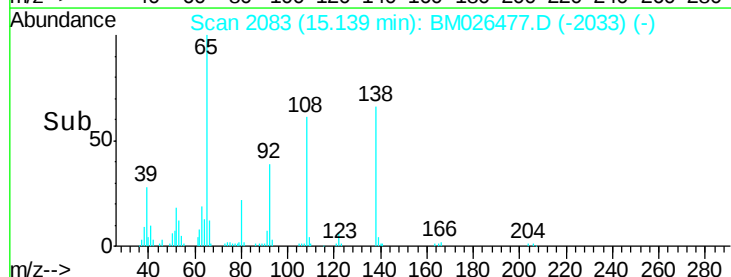
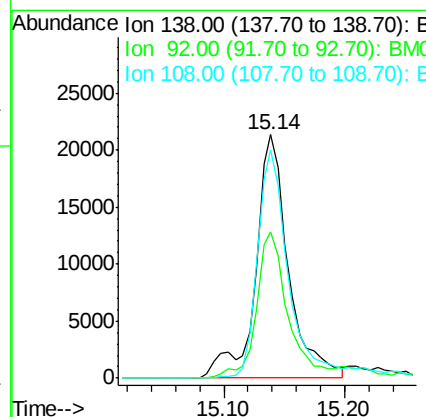
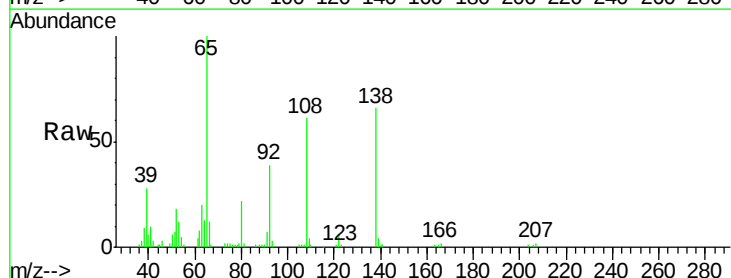
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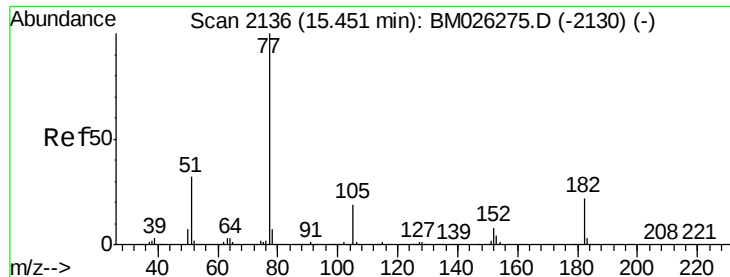
mohammad  
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#62  
4-Nitroaniline  
Concen: 6.904 ng  
RT: 15.14 min Scan# 2083  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 40432 |       |       |
| 92      | 59.8  | 37.5  | 77.5  |       |
| 108     | 93.6  | 66.3  | 106.3 |       |





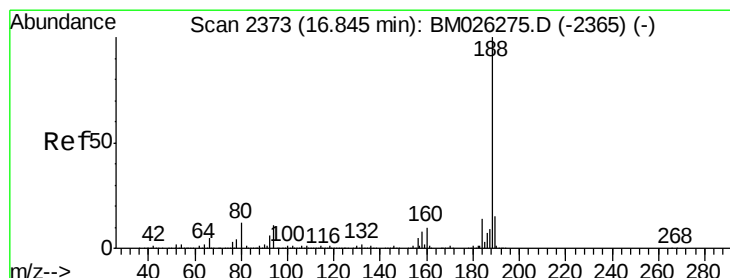
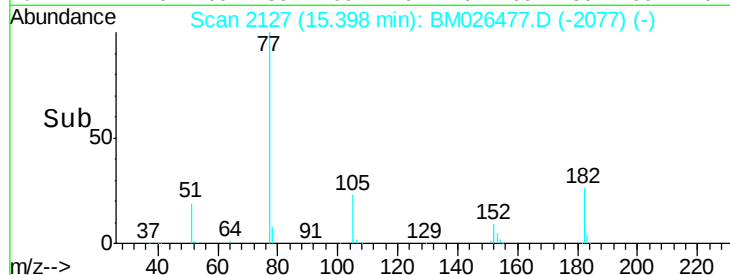
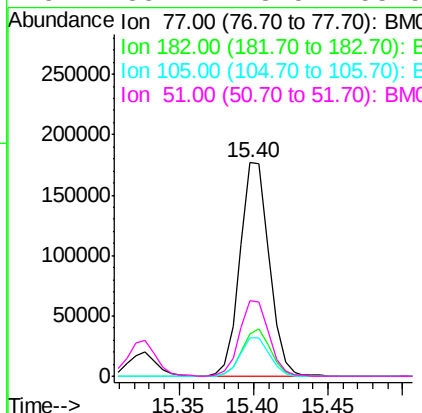
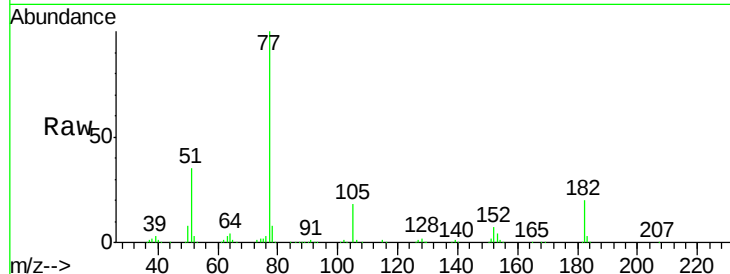
#63  
Azobenzene  
Concen: 9.580 ng  
RT: 15.40 min Scan# 2127  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 239918 |       |       |
| 182     | 20.0 | 2.1   | 42.1   |       |       |
| 105     | 17.8 | 0.0   | 38.3   |       |       |
| 51      | 35.4 | 13.5  | 53.5   |       |       |

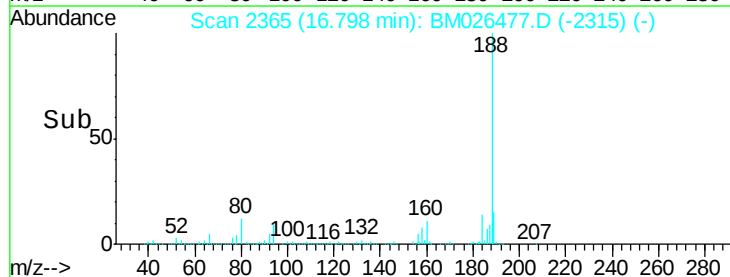
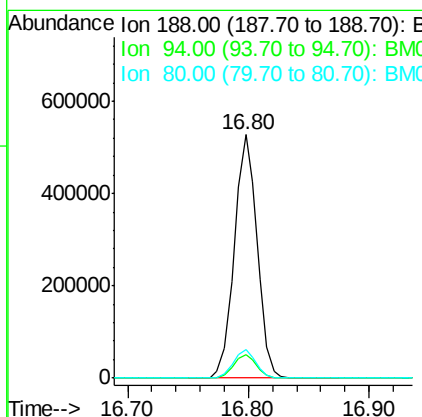
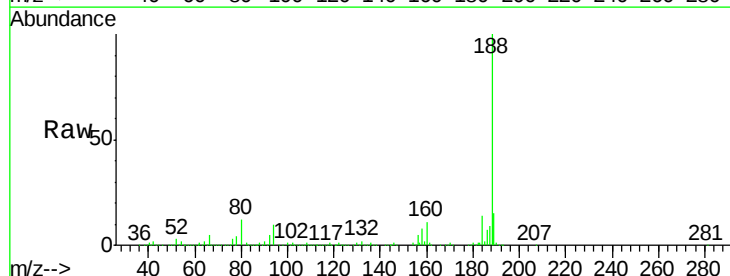
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.80 min Scan# 2365  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 188     | 100  |       | 694421 |       |       |
| 94      | 9.7  | 7.8   | 11.6   |       |       |
| 80      | 11.5 | 9.5   | 14.3   |       |       |





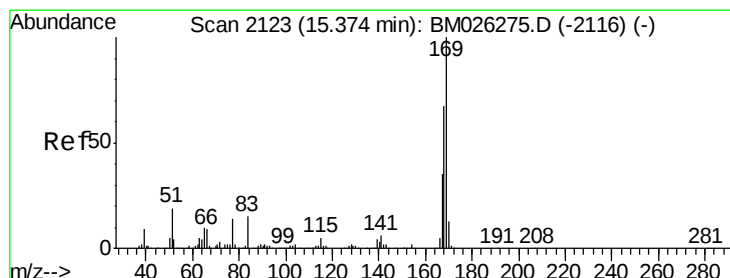
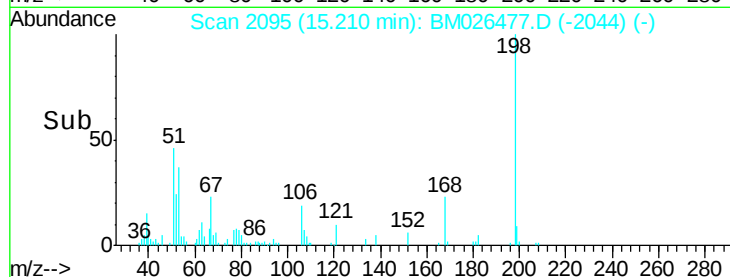
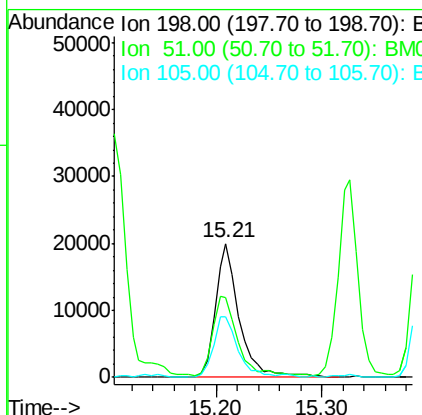
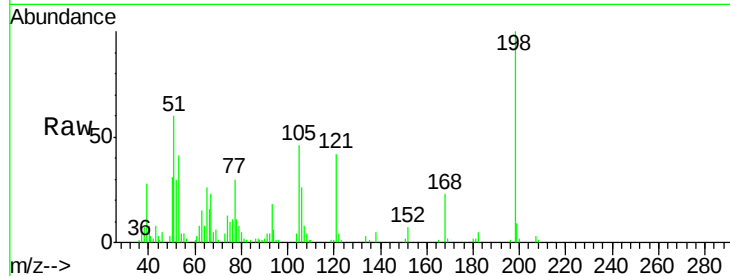
#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.400 ng  
RT: 15.21 min Scan# 2095  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 60.1  | 35.6  | 75.6  |
| 105     | 45.7  | 24.3  | 64.3  |

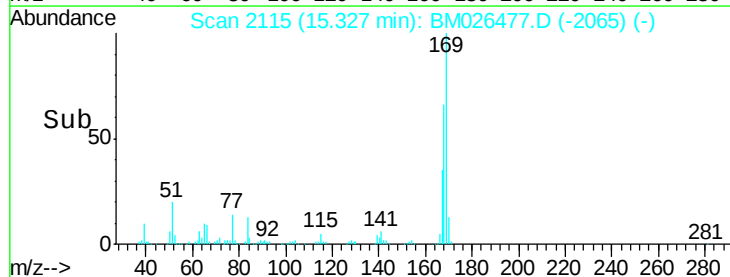
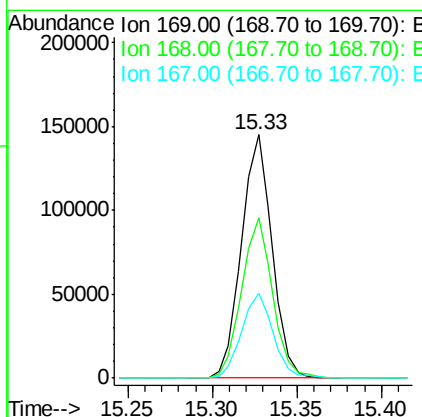
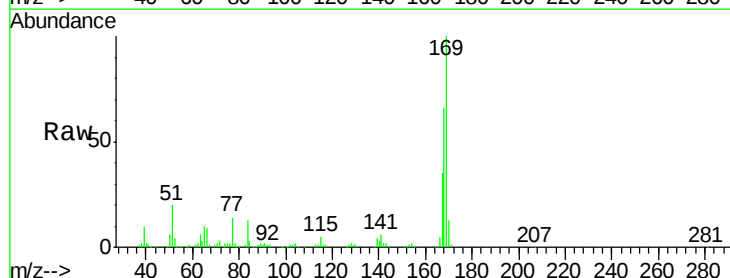
Manual Integrations  
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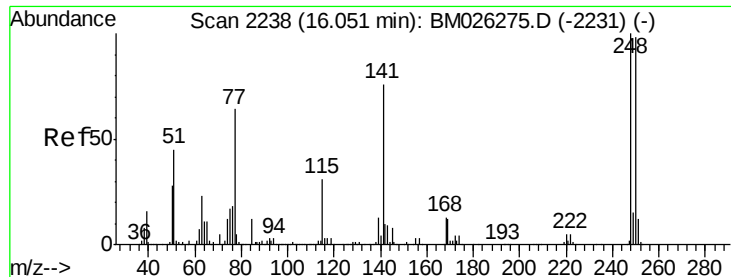
mohammad  
6/22/2020 3:23:39 PM



#66  
n-Nitrosodiphenylamine  
Concen: 9.128 ng  
RT: 15.33 min Scan# 2115  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.1  | 51.6  | 77.4  |
| 167     | 35.0  | 28.2  | 42.4  |





#67

4-Bromophenyl-phenylether

Concen: 8.740 ng

RT: 16.00 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

Instrument :

BNA\_M

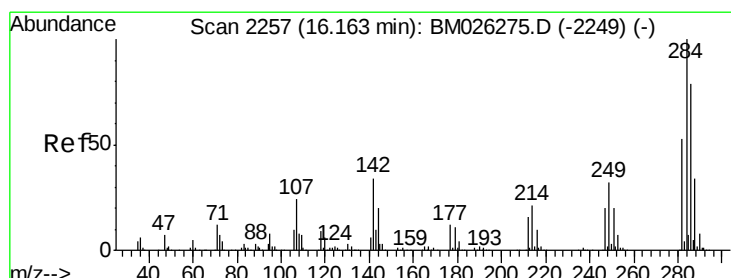
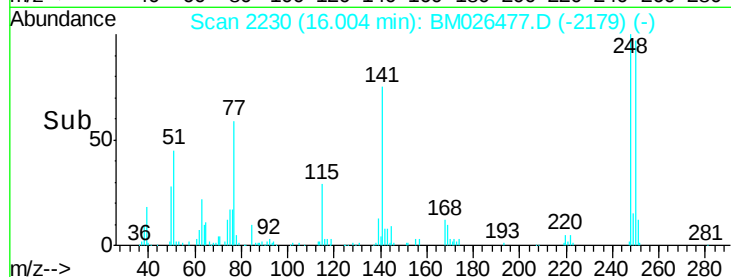
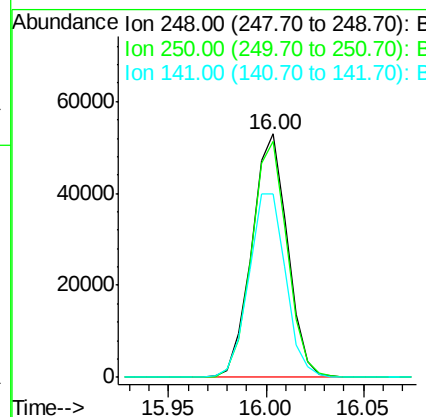
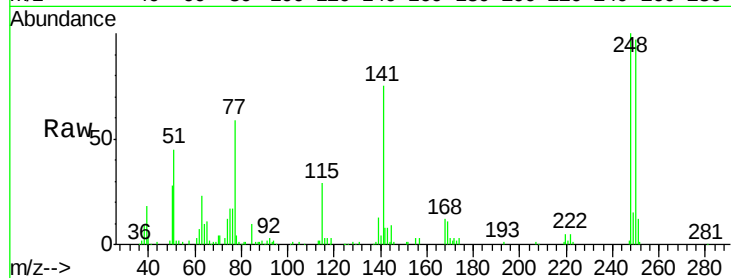
ClientSampleId :

LOQ-SOIL-02-QT2-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 248   | Resp: | 66815 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 97.0  | 78.4  | 117.6 |
| 141       | 75.1  | 60.6  | 91.0  |

Manual Integrations  
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#68

Hexachlorobenzene

Concen: 9.517 ng

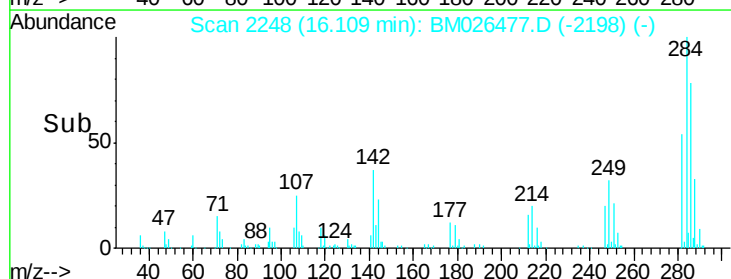
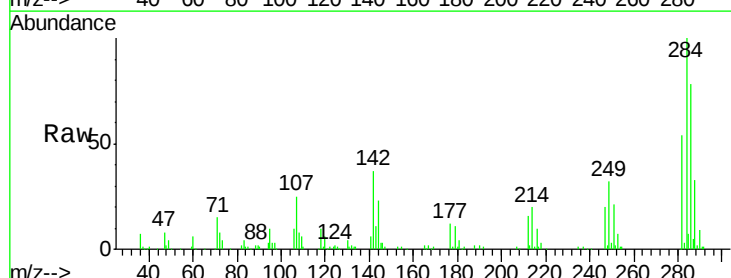
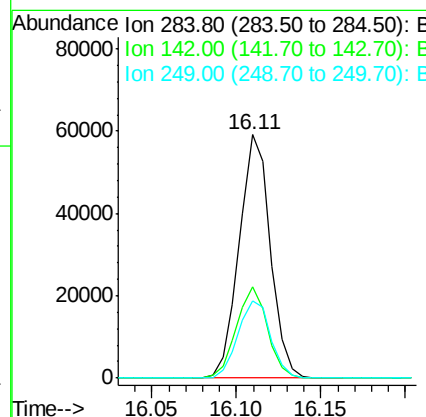
RT: 16.11 min Scan# 2248

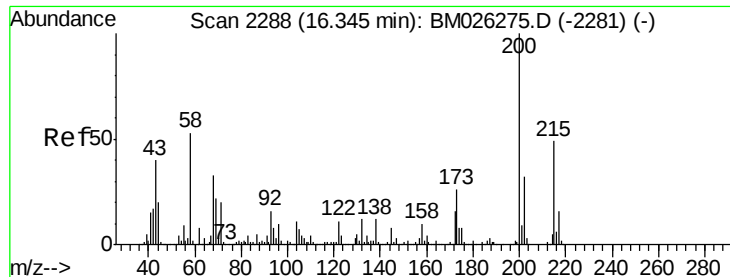
Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 75914 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 37.3  | 29.1  | 43.7  |
| 249       | 31.7  | 27.2  | 40.8  |





#69

Atrazine

Concen: 10.823 ng

RT: 16.29 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

Instrument :

BNA\_M

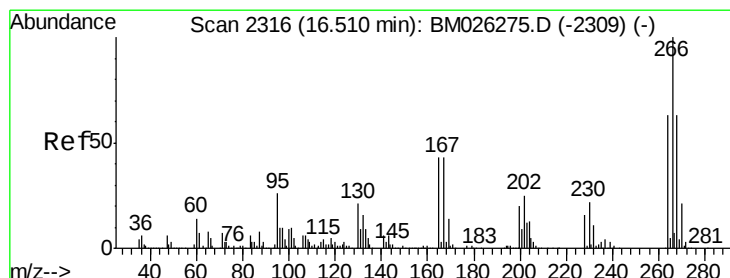
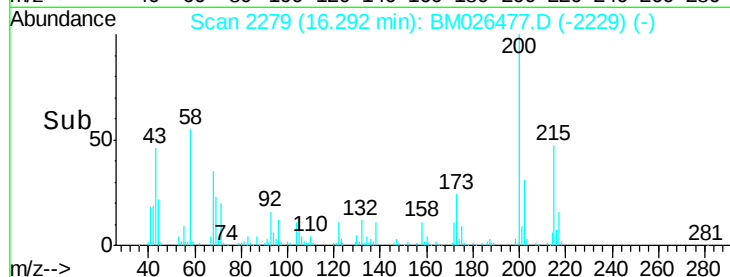
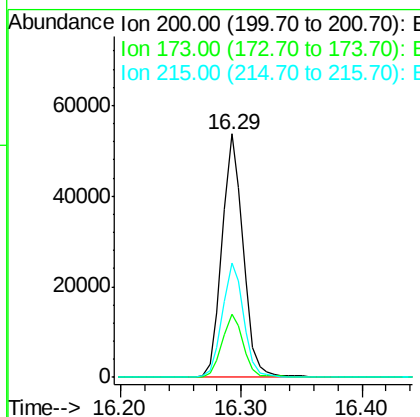
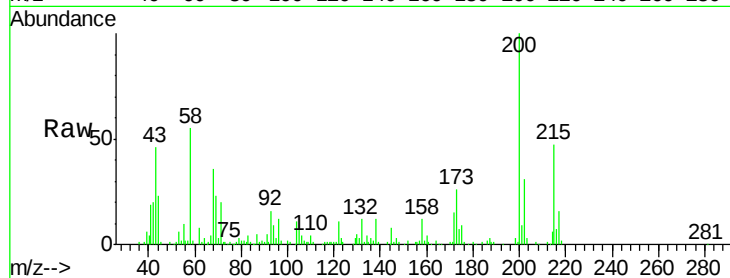
ClientSampleId :

LOQ-SOIL-02-QT2-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 200   | Resp: | 65048 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 25.7  | 6.6   | 46.6  |
| 215       | 47.0  | 29.8  | 69.8  |

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#70

Pentachlorophenol

Concen: 7.004 ng

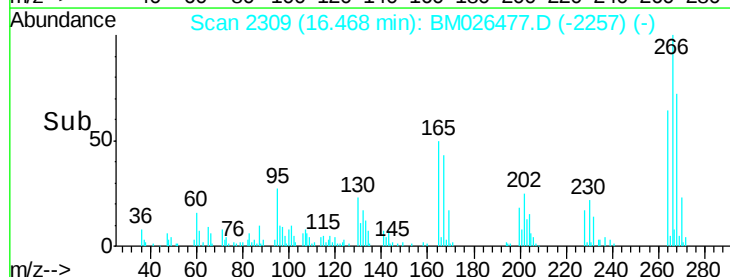
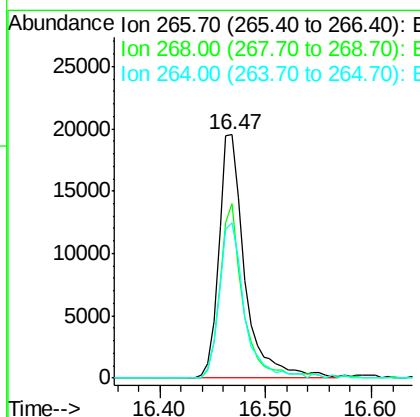
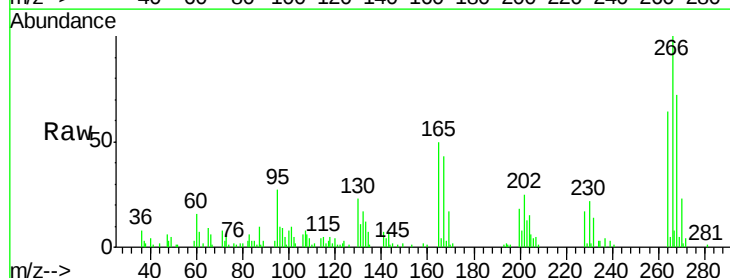
RT: 16.47 min Scan# 2309

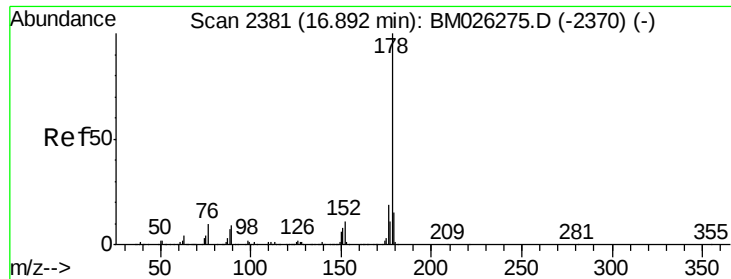
Delta R.T. 0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 33645 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 71.9  | 50.2  | 75.4  |
| 264       | 63.8  | 50.6  | 75.8  |





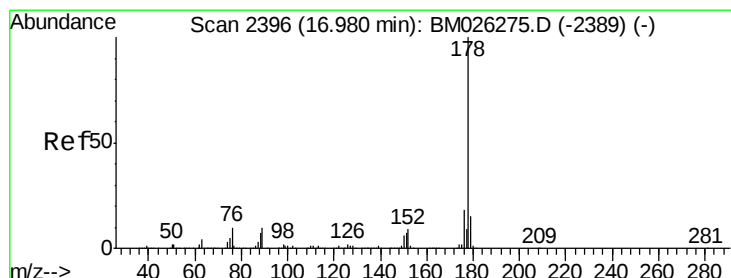
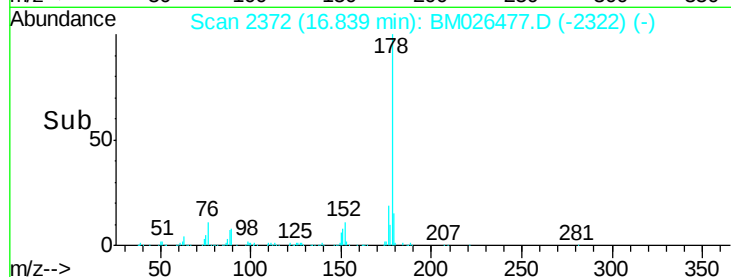
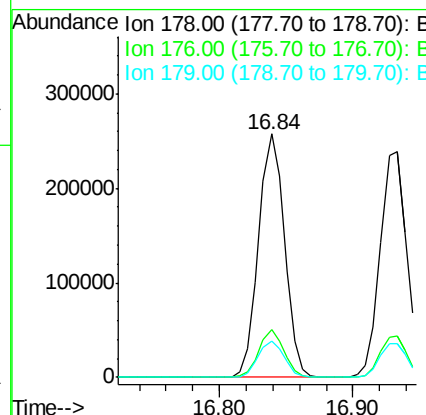
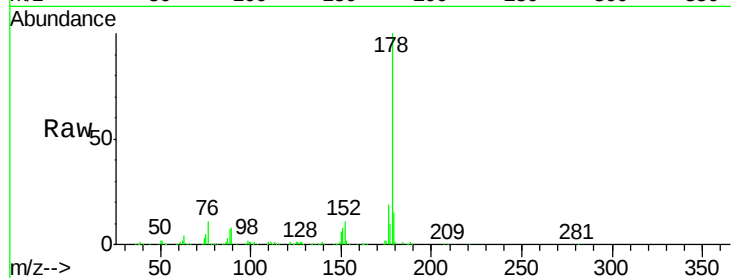
#71  
Phenanthrene  
Concen: 9.584 ng  
RT: 16.84 min Scan# 2372  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.1  | 22.7  |
| 179     | 14.9  | 12.3  | 18.5  |

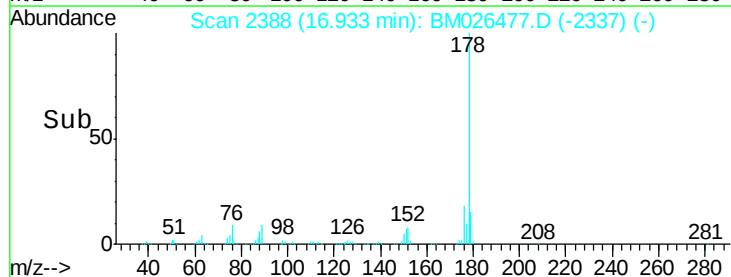
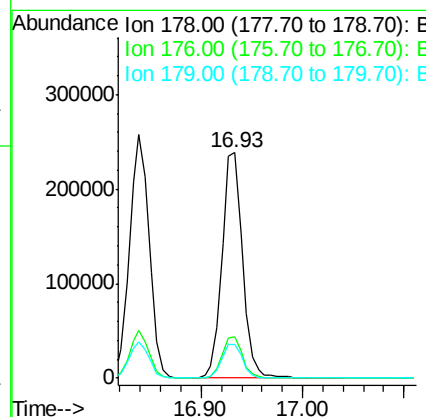
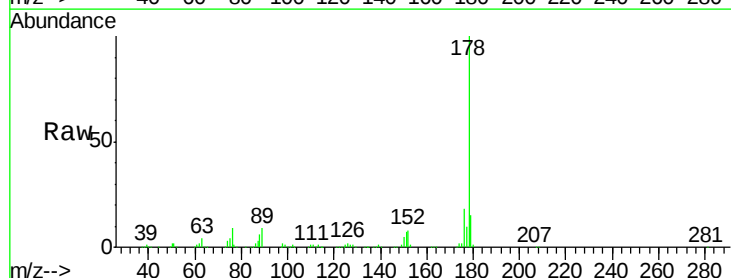
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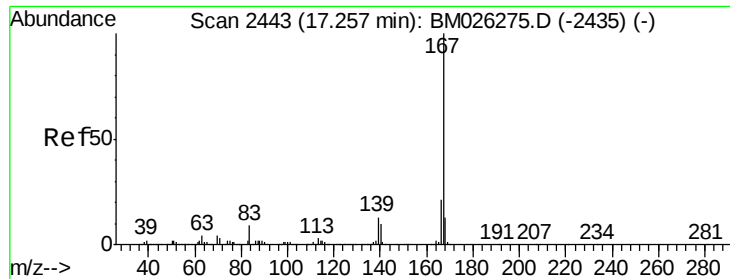
mohammad  
6/22/2020 3:23:39 PM



#72  
Anthracene  
Concen: 9.272 ng  
RT: 16.93 min Scan# 2388  
Delta R.T. -0.00 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 14.5  | 21.7  |
| 179     | 15.1  | 12.3  | 18.5  |





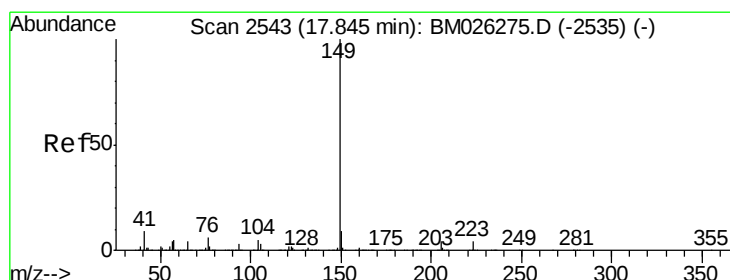
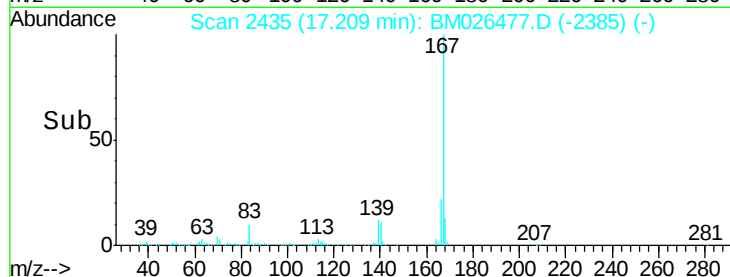
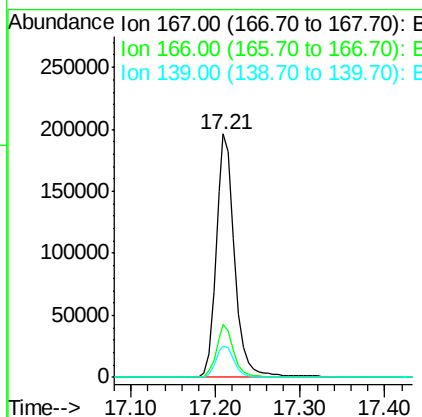
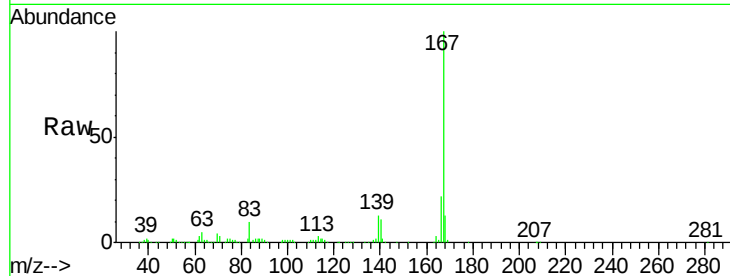
#73  
 Carbazole  
 Concen: 8.803 ng  
 RT: 17.21 min Scan# 2435  
 Delta R.T. -0.01 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.5  | 16.9  | 25.3  |
| 139     | 12.7  | 10.2  | 15.4  |

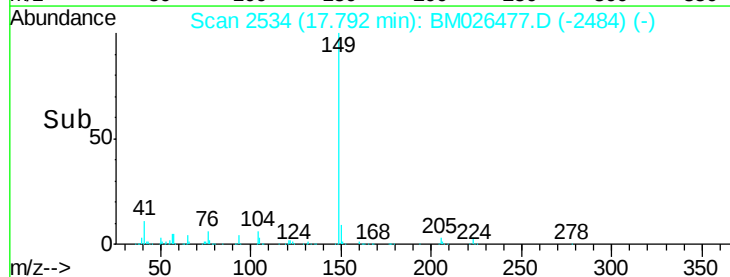
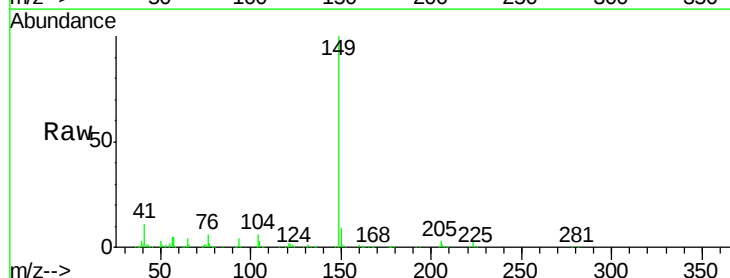
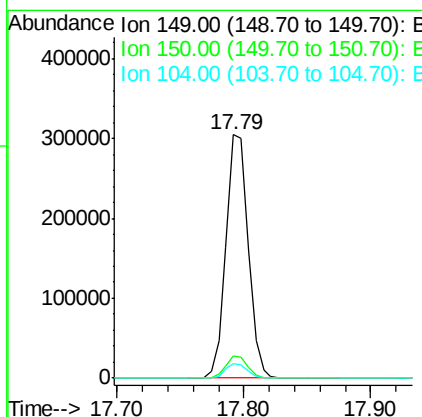
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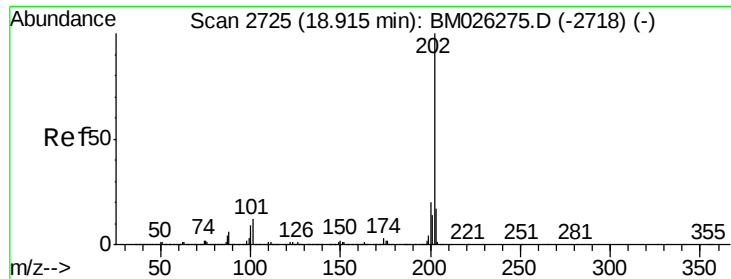
mohammad  
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#74  
 Di-n-butylphthalate  
 Concen: 9.181 ng  
 RT: 17.79 min Scan# 2534  
 Delta R.T. -0.01 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 7.1   | 10.7  |
| 104     | 5.7   | 4.2   | 6.2   |





#75

Fluoranthene

Concen: 9.759 ng

RT: 18.87 min Scan# 2717

Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

Instrument :

BNA\_M

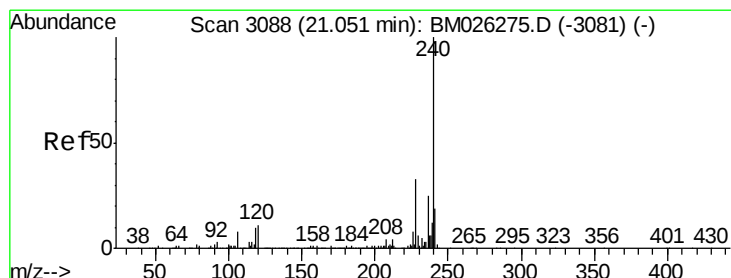
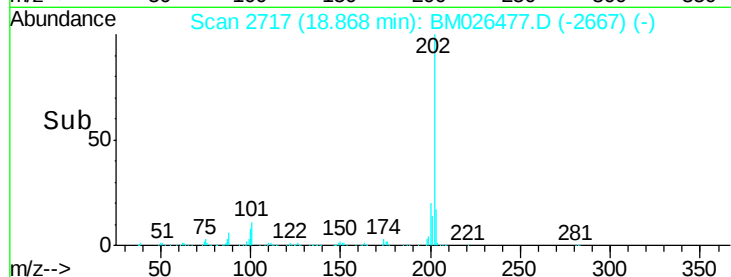
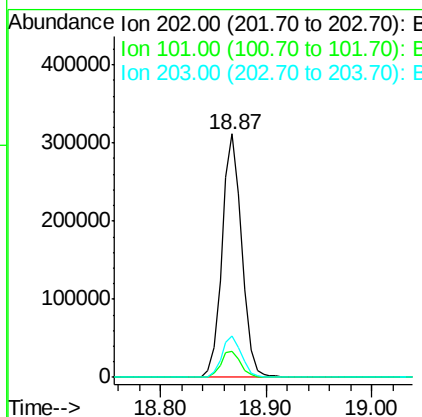
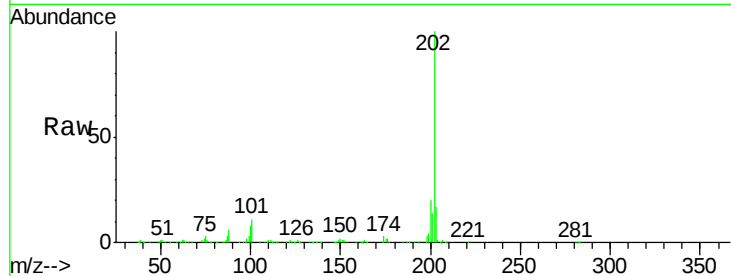
ClientSampleId :

LOQ-SOIL-02-QT2-2020

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 404584 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 101       | 10.8 | 0.0   | 31.9   |
| 203       | 17.2 | 0.0   | 37.5   |

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#76

Chrysene-d12

Concen: 20.000 ng

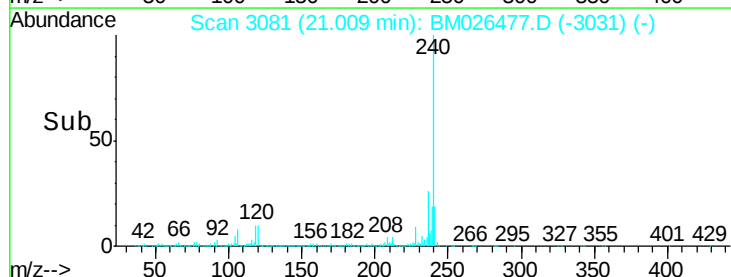
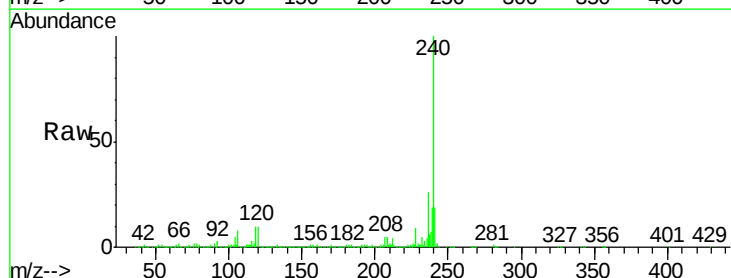
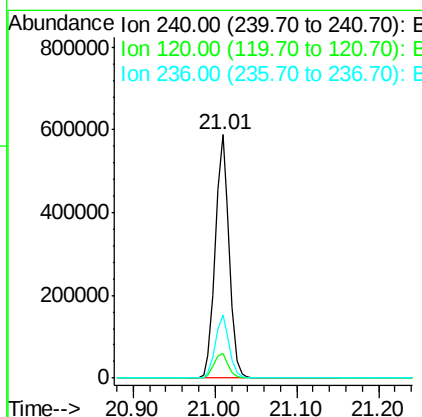
RT: 21.01 min Scan# 3081

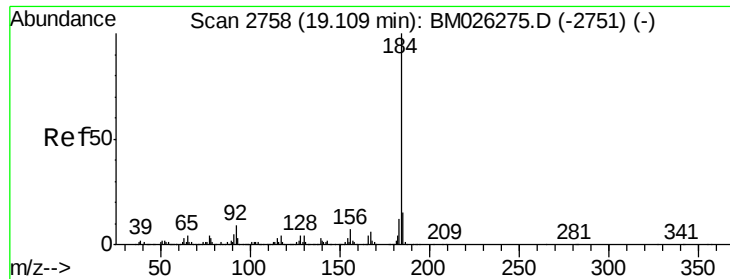
Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 240  | Resp: | 697271 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 10.4 | 9.3   | 13.9   |
| 236       | 25.8 | 19.4  | 29.0   |





#77

Benzidine

Concen: 9.170 ng

RT: 19.07 min Scan# 2751

Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

Instrument :

BNA\_M

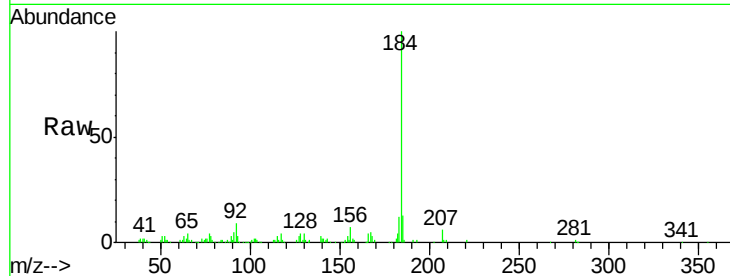
ClientSampleId :

LOQ-SOIL-02-QT2-2020

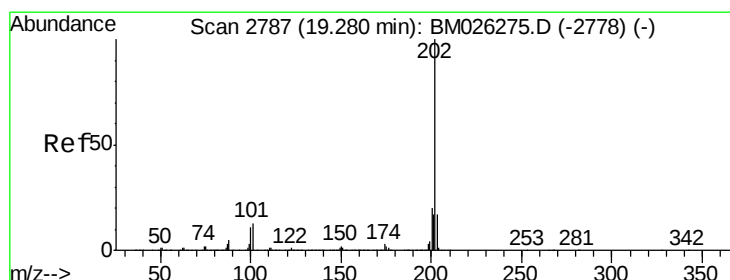
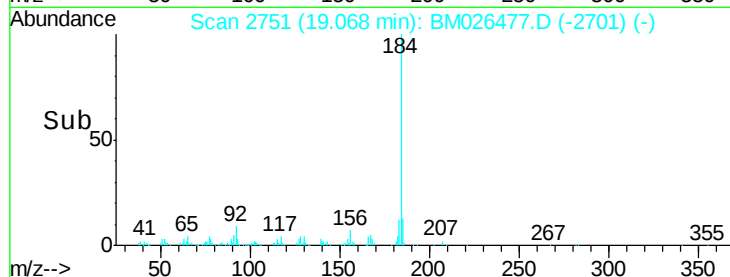
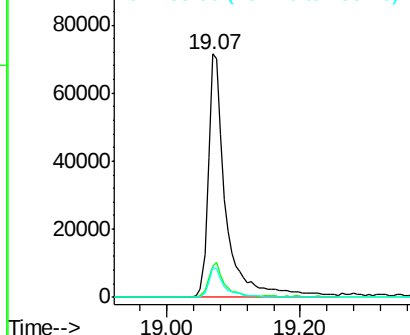
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 132814 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 12.9  | 11.2  | 16.8   |
| 183       | 12.3  | 9.4   | 14.2   |

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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: 9.183 ng

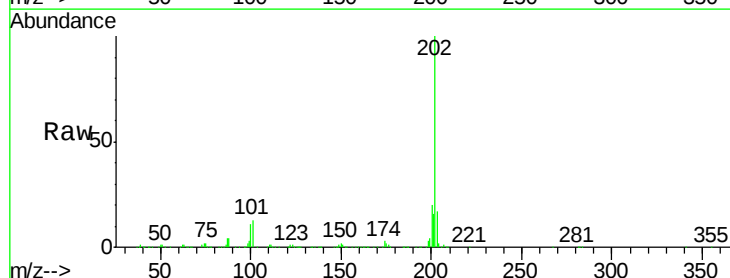
RT: 19.23 min Scan# 2779

Delta R.T. -0.01 min

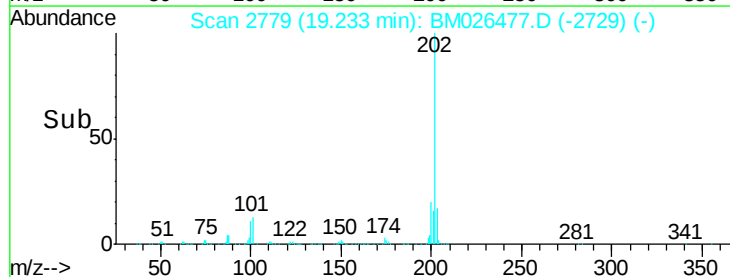
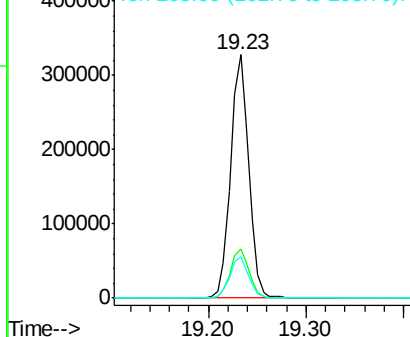
Lab File: BM026477.D

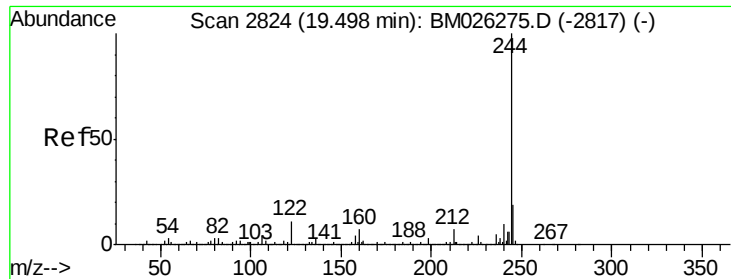
Acq: 19 Jun 2020 22:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 423059 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.1  | 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





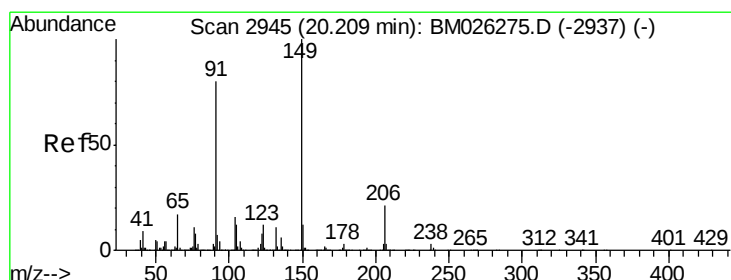
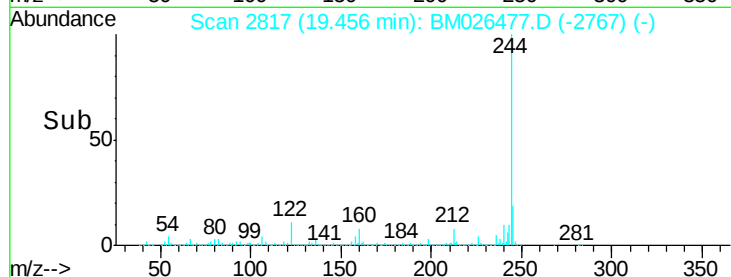
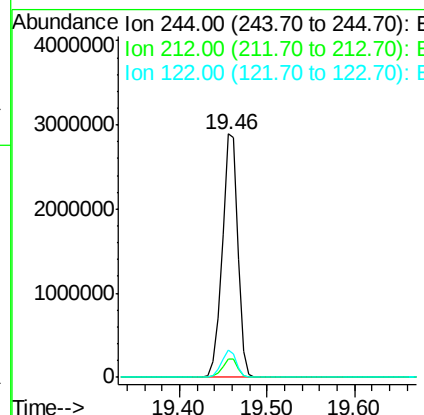
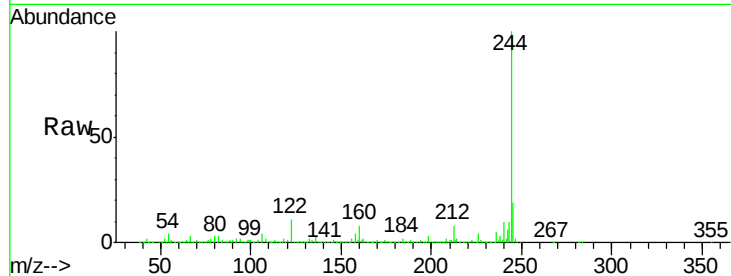
#79  
 Terphenyl-d14  
 Concen: 99.532 ng  
 RT: 19.46 min Scan# 2817  
 Delta R.T. -0.01 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2020

Tot Ion:244 Resp: 3575205  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.9 8.9  
 122 11.1 8.6 13.0

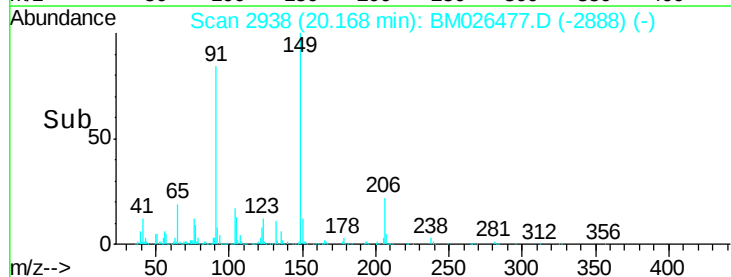
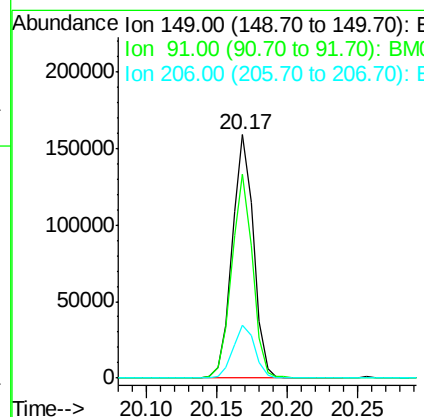
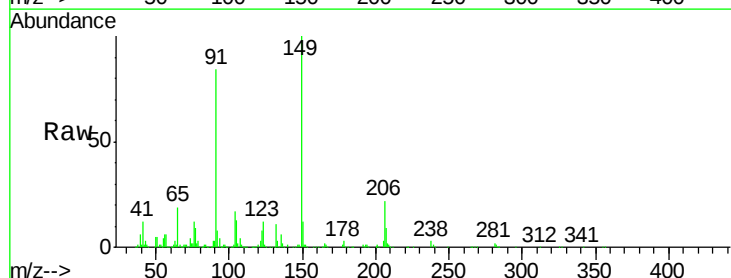
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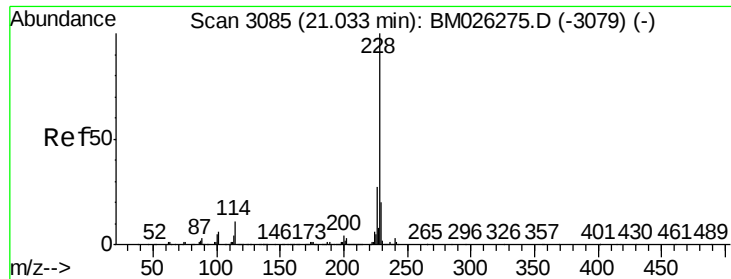
mohammad  
 6/22/2020 3:23:39 PM



#80  
 Butylbenzylphthalate  
 Concen: 8.947 ng  
 RT: 20.17 min Scan# 2938  
 Delta R.T. -0.01 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

Tgt Ion:149 Resp: 166691  
 Ion Ratio Lower Upper  
 149 100  
 91 83.8 64.6 97.0  
 206 21.9 17.6 26.4





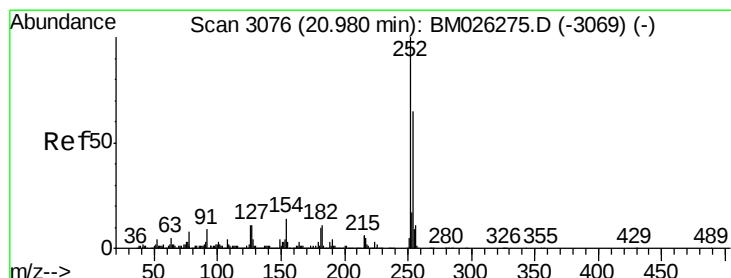
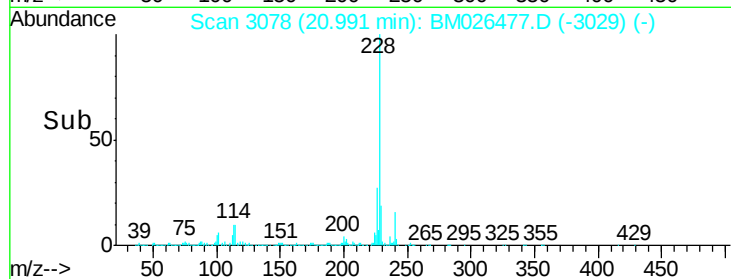
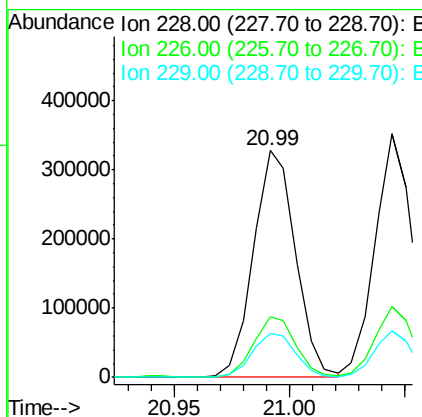
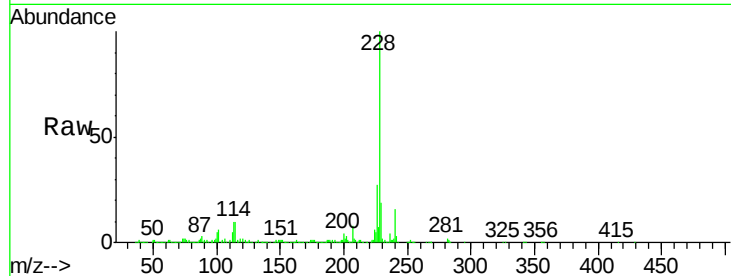
#81  
Benzo(a)anthracene  
Concen: 9.956 ng  
RT: 20.99 min Scan# 3078  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.9  | 21.1  | 31.7  |
| 229     | 19.4  | 15.7  | 23.5  |

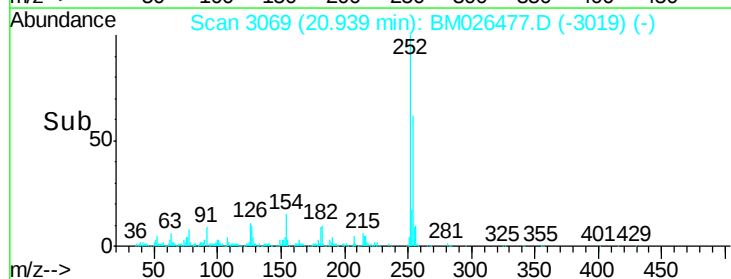
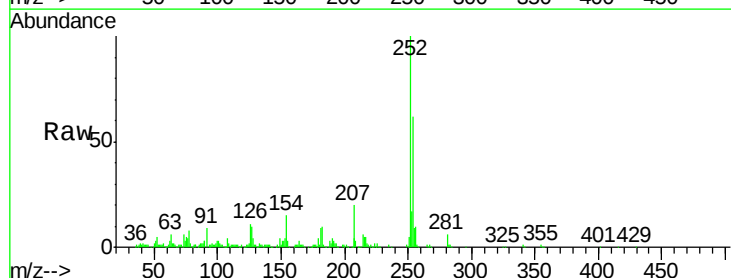
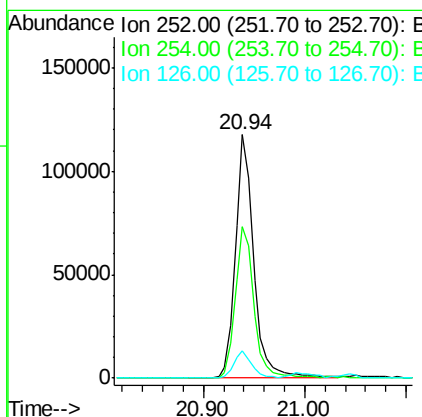
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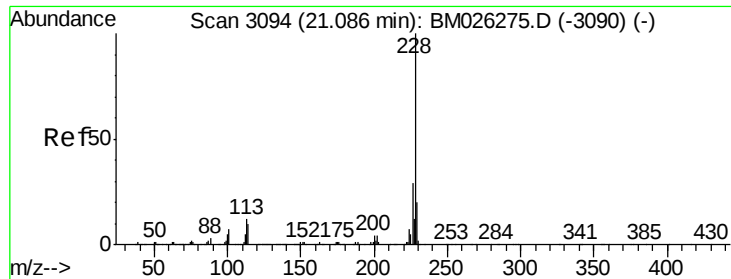
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#82  
3,3'-Dichlorobenzidine  
Concen: 11.434 ng  
RT: 20.94 min Scan# 3069  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.5  | 51.0  | 76.6  |
| 126     | 11.2  | 9.2   | 13.8  |





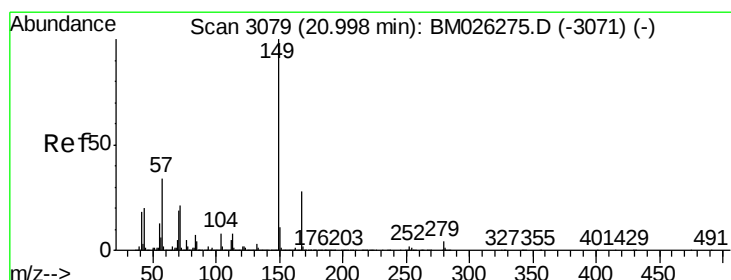
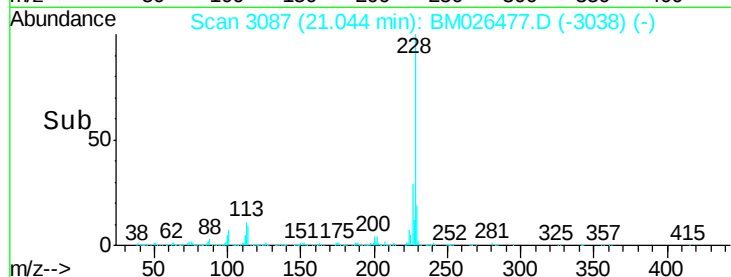
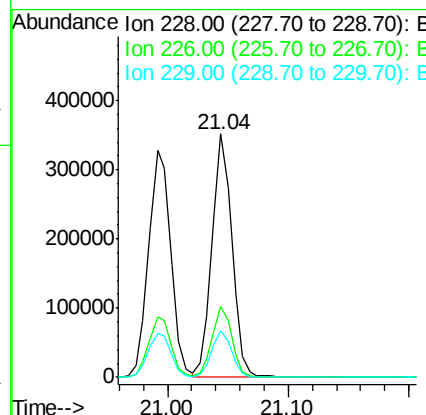
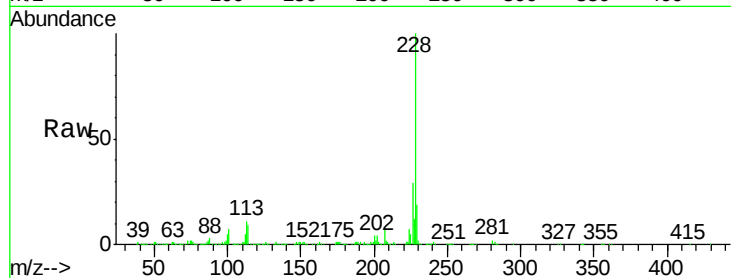
#83  
Chrysene  
Concen: 10.077 ng  
RT: 21.04 min Scan# 3087  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.8  | 23.8  | 35.6  |
| 229     | 19.3  | 15.5  | 23.3  |

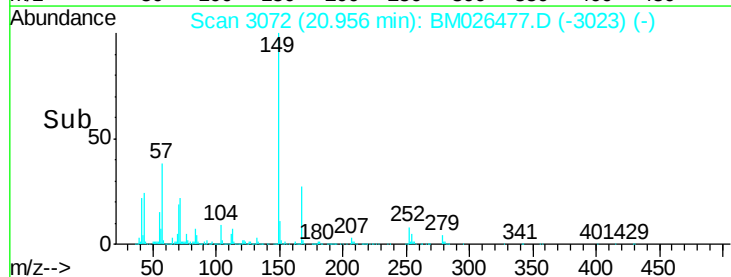
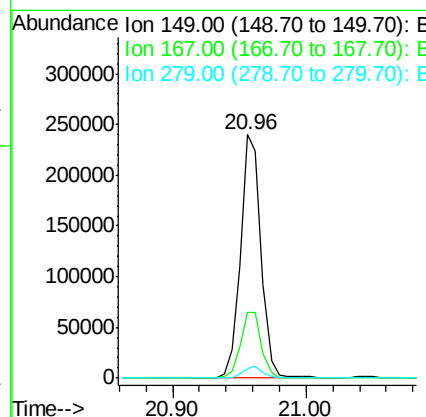
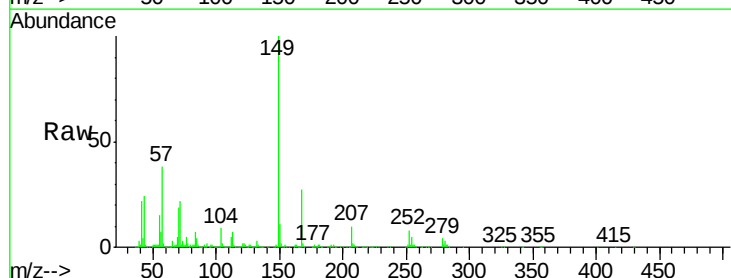
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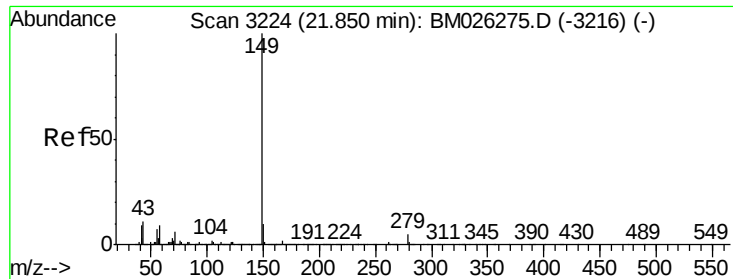
mohammad  
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 9.601 ng  
RT: 20.96 min Scan# 3072  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.0  | 22.0  | 33.0  |
| 279     | 3.8   | 3.7   | 5.5   |





#85

Di-n-octyl phthalate

Concen: 10.070 ng

RT: 21.80 min Scan# 3216

Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

Instrument :

BNA\_M

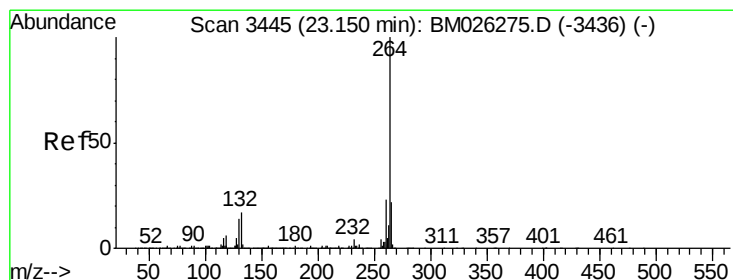
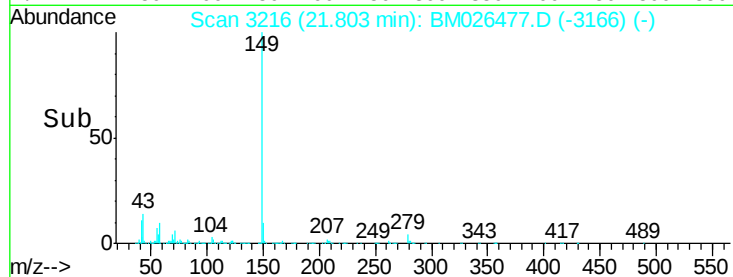
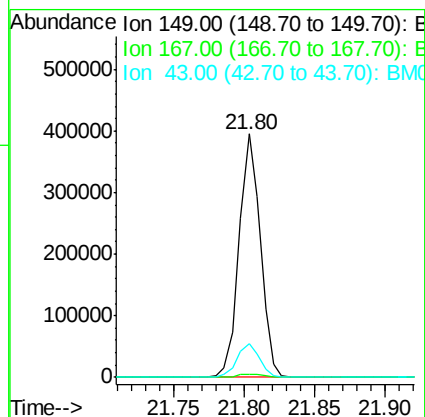
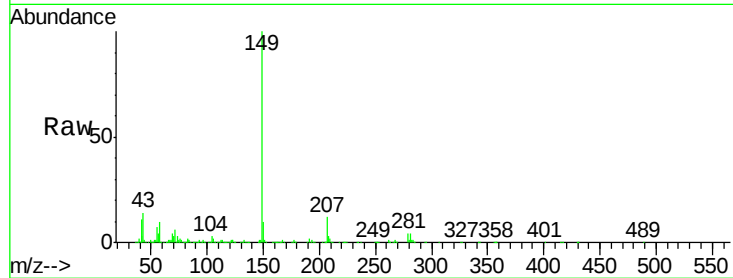
ClientSampleId :

LOQ-SOIL-02-QT2-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 412664 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.3   | 1.9    |
| 43        | 14.3  | 10.3  | 15.5   |

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#86

Perylene-d12

Concen: 20.000 ng

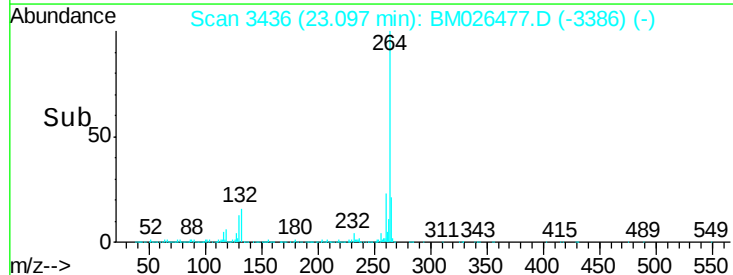
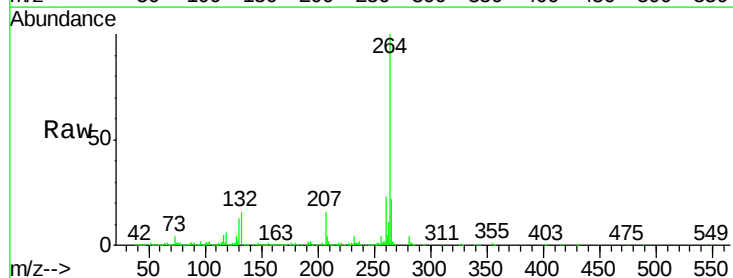
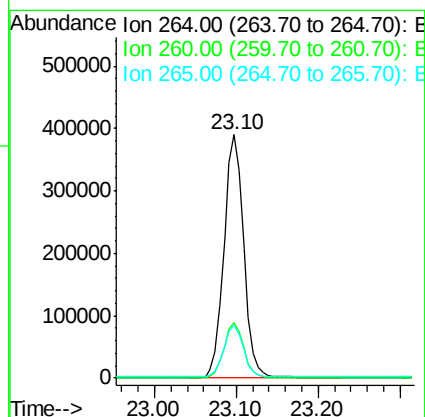
RT: 23.10 min Scan# 3436

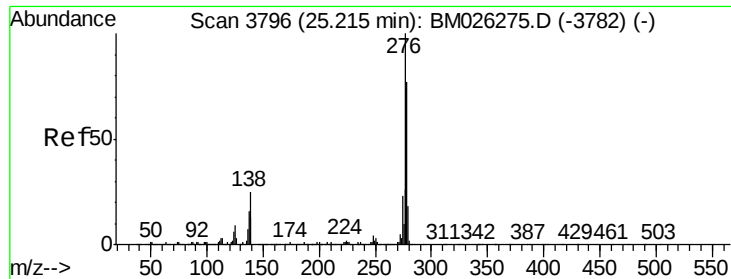
Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 657118 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 22.8  | 18.6  | 28.0   |
| 265       | 21.6  | 17.8  | 26.6   |





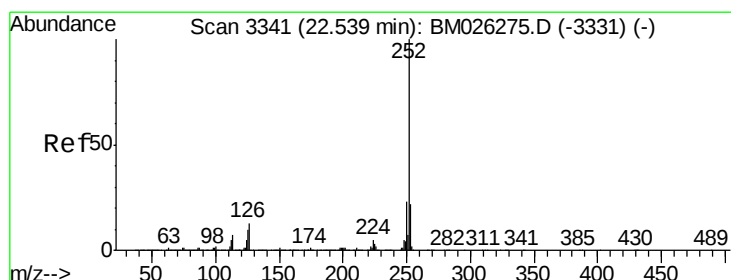
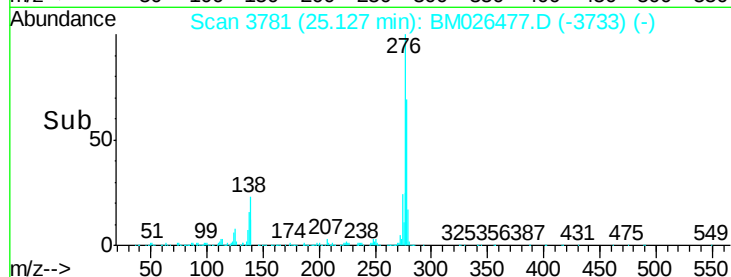
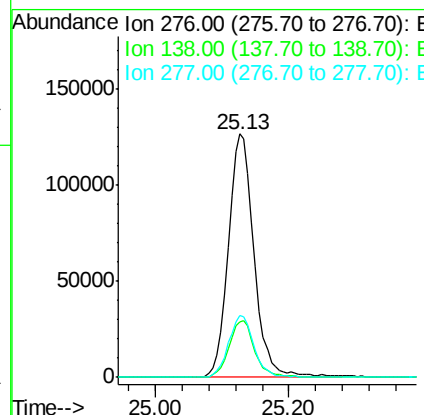
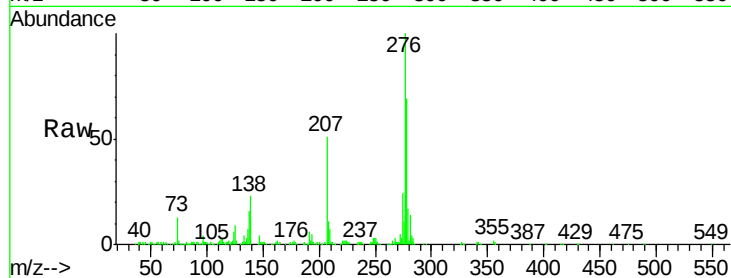
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 9.018 ng  
 RT: 25.13 min Scan# 3781  
 Delta R.T. -0.02 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.6  | 19.0  | 28.6  |
| 277     | 25.0  | 20.2  | 30.4  |

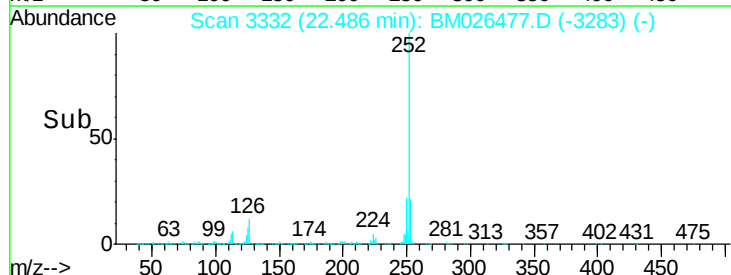
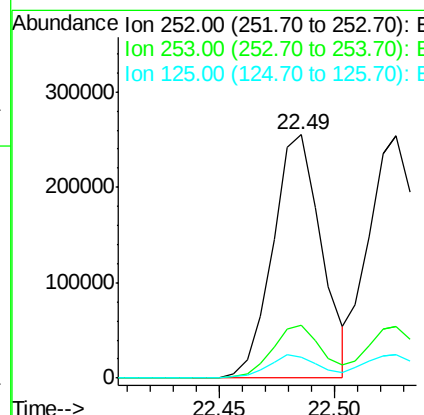
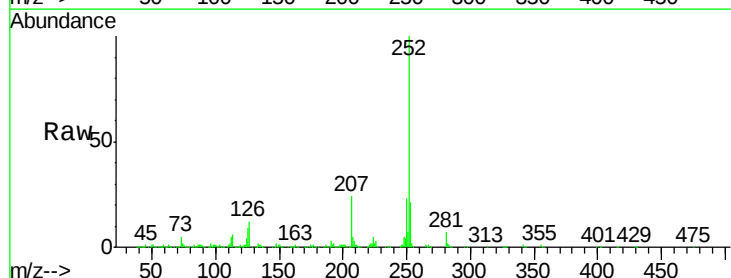
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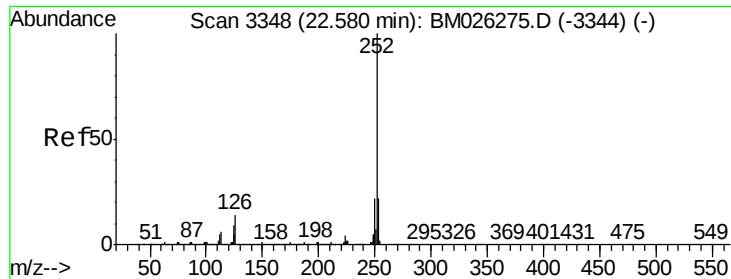
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#88  
 Benzo(b)fluoranthene  
 Concen: 9.440 ng  
 RT: 22.49 min Scan# 3332  
 Delta R.T. -0.01 min  
 Lab File: BM026477.D  
 Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.6  | 26.4  |
| 125     | 8.5   | 8.0   | 12.0  |





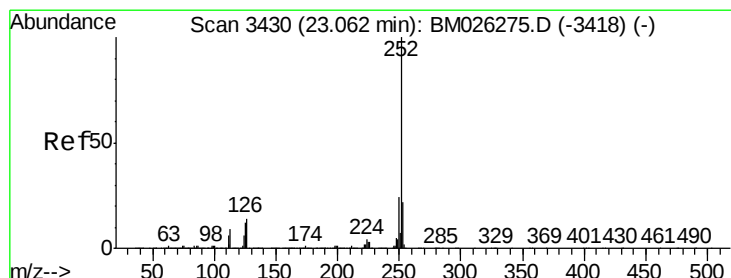
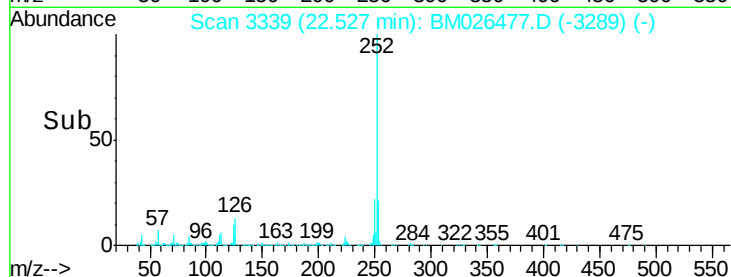
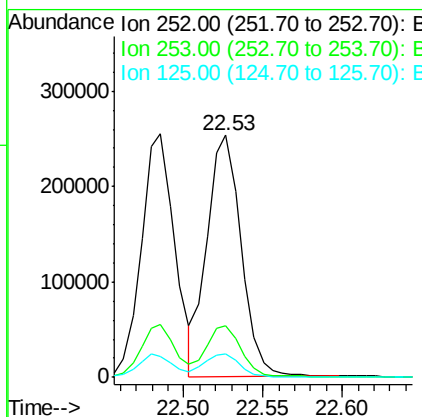
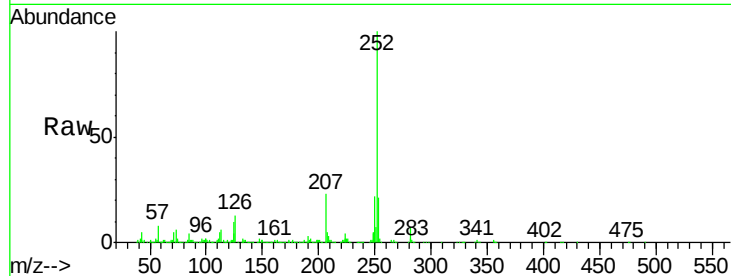
#89  
Benzo(k)fluoranthene  
Concen: 9.878 ng  
RT: 22.53 min Scan# 3339  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT2-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.1  | 17.2  | 25.8  |
| 125     | 9.7   | 7.8   | 11.8  |

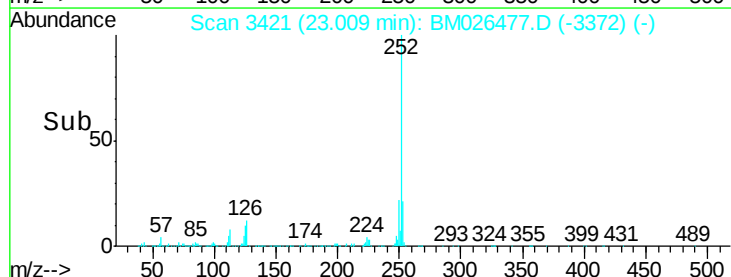
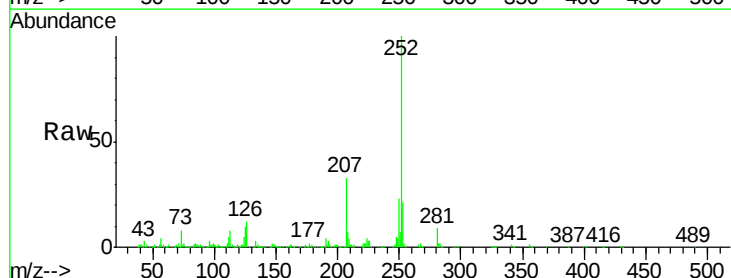
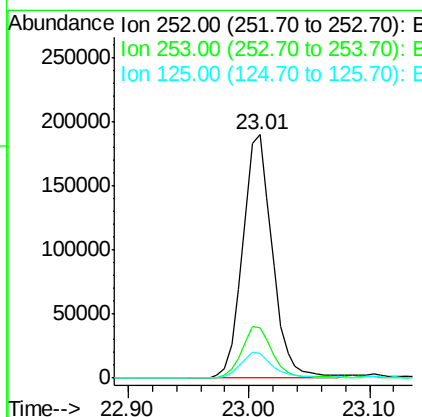
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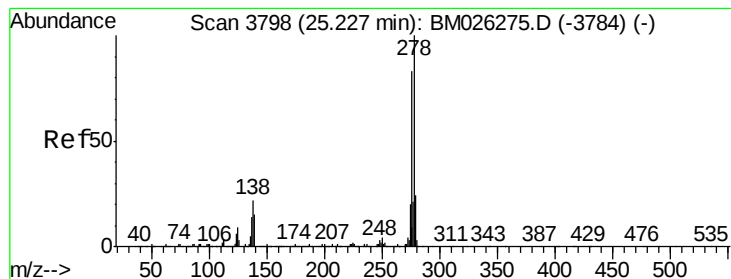
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#90  
Benzo(a)pyrene  
Concen: 9.262 ng  
RT: 23.01 min Scan# 3421  
Delta R.T. -0.01 min  
Lab File: BM026477.D  
Acq: 19 Jun 2020 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.9  | 17.3  | 25.9  |
| 125     | 9.9   | 8.6   | 12.8  |





#91

Dibenzo(a,h)anthracene

Concen: 9.182 ng

RT: 25.14 min Scan# 3783

Delta R.T. -0.02 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

Instrument :

BNA\_M

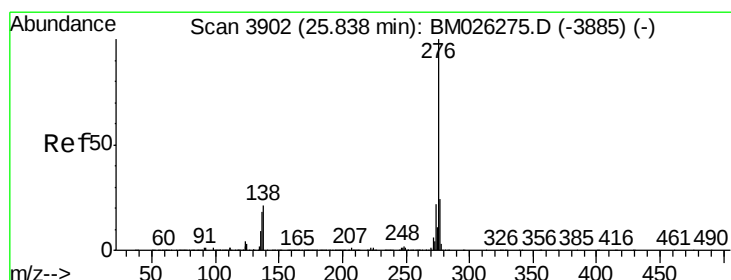
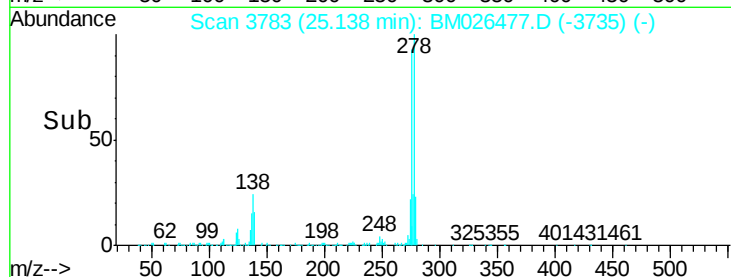
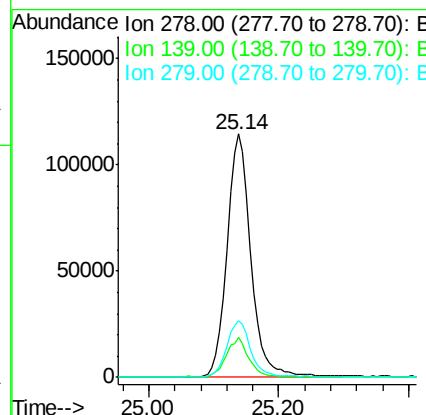
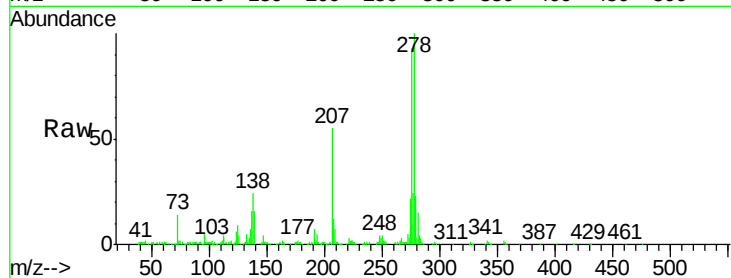
ClientSampleId :

LOQ-SOIL-02-QT2-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 291375 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 16.4  | 12.3  | 18.5   |
| 279       | 23.4  | 18.9  | 28.3   |

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#92

Benzo(g,h,i)perylene

Concen: 9.260 ng

RT: 25.74 min Scan# 3886

Delta R.T. -0.01 min

Lab File: BM026477.D

Acq: 19 Jun 2020 22:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 279624 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.6  | 19.0  | 28.4   |
| 138       | 20.7  | 16.2  | 24.4   |

