

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\  
 Data File : BM026466.D  
 Acq On : 19 Jun 2020 14:37  
 Operator : JU/CG  
 Sample : L1161-02  
 Misc : L00--S-10PPM  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2020

Manual Integrations  
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mohammad  
 6/22/2020 3:23:17 PM

Quant Time: Jun 20 06:25:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 19 10:44:58 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 101004   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.15 | 136  | 431330   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.05 | 164  | 292679   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.80 | 188  | 660833   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.02 | 240  | 643265   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.10 | 264  | 595884   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.02  | 112 | 806058  | 141.10 | ng | 0.00 |
| 7) Phenol-d6                | 6.60  | 99  | 1185977 | 143.37 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.54  | 82  | 888253  | 101.11 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.55 | 330 | 599501  | 169.09 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.66 | 172 | 1973429 | 102.35 | ng | 0.00 |
| 79) Terphenyl-d14           | 19.46 | 244 | 3382959 | 102.09 | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.00  | 88  | 24902  | 9.668  | ng | 98   |
| 3) Pyridine                    | 3.40  | 79  | 59771  | 7.901  | ng | # 90 |
| 4) n-Nitrosodimethylamine      | 3.32  | 42  | 35971  | 9.604  | ng | 87   |
| 6) Aniline                     | 6.73  | 93  | 98652  | 9.092  | ng | 97   |
| 8) 2-Chlorophenol              | 6.96  | 128 | 60682  | 9.209  | ng | 97   |
| 9) Benzaldehyde                | 6.55  | 77  | 57691  | 10.937 | ng | 90   |
| 10) Phenol                     | 6.62  | 94  | 79698  | 9.047  | ng | 94   |
| 11) bis(2-Chloroethyl)ether    | 6.84  | 93  | 63769  | 8.987  | ng | 94   |
| 12) 1,3-Dichlorobenzene        | 7.27  | 146 | 65979  | 9.044  | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 7.42  | 146 | 66602  | 8.963  | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 7.73  | 146 | 64544  | 8.892  | ng | 99   |
| 15) Benzyl Alcohol             | 7.64  | 79  | 60169  | 8.565  | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.93  | 45  | 125652 | 9.482  | ng | 98   |
| 17) 2-Methylphenol             | 7.85  | 107 | 52028  | 8.080  | ng | 97   |
| 18) Hexachloroethane           | 8.44  | 117 | 25937  | 9.216  | ng | 89   |
| 19) n-Nitroso-di-n-propylamine | 8.20  | 70  | 61608  | 9.557  | ng | 98   |
| 20) 3+4-Methylphenols          | 8.17  | 107 | 71464  | 8.143  | ng | 96   |
| 22) Acetophenone               | 8.21  | 105 | 109012 | 9.829  | ng | 95   |
| 24) Nitrobenzene               | 8.58  | 77  | 90468  | 9.838  | ng | 99   |
| 25) Isophorone                 | 9.10  | 82  | 158461 | 9.602  | ng | 99   |
| 26) 2-Nitrophenol              | 9.28  | 139 | 30577  | 8.402  | ng | 89   |
| 27) 2,4-Dimethylphenol         | 9.36  | 122 | 47622  | 8.289  | ng | 99   |
| 28) bis(2-Chloroethoxy)methane | 9.59  | 93  | 92622  | 9.892  | ng | 99   |
| 29) 2,4-Dichlorophenol         | 9.82  | 162 | 56272  | 8.927  | ng | 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.02 | 180 | 66167  | 9.572  | ng | 99   |
| 31) Naphthalene                | 10.20 | 128 | 206477 | 9.499  | ng | 98   |
| 32) Benzoic acid               | 9.47  | 122 | 20085m | 4.705  | ng |      |
| 33) 4-Chloroaniline            | 10.33 | 127 | 82301  | 8.681  | ng | 98   |
| 34) Hexachlorobutadiene        | 10.49 | 225 | 40425  | 9.263  | ng | 98   |
| 35) Caprolactam                | 11.10 | 113 | 22587  | 10.199 | ng | # 89 |
| 36) 4-Chloro-3-methylphenol    | 11.46 | 107 | 70021  | 9.116  | ng | 99   |
| 37) 2-Methylnaphthalene        | 11.82 | 142 | 152804 | 9.865  | ng | 95   |
| 38) 1-Methylnaphthalene        | 12.05 | 142 | 147276 | 10.037 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.20 | 216 | 83494  | 10.022 | ng | 98   |

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Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2020

Manual Integrations  
 APPROVED

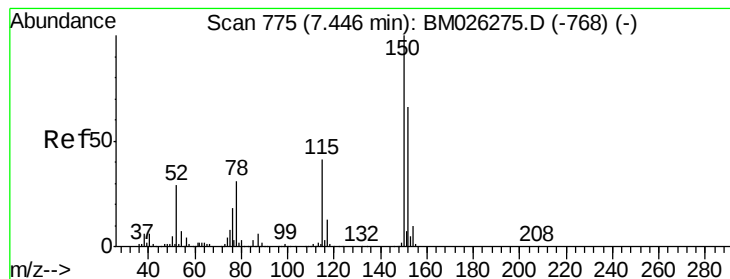
mohammad  
 6/22/2020 3:23:17 PM

Quant Time: Jun 20 06:25:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
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 QLast Update : Fri Jun 19 10:44:58 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.18 | 237  | 37471    | 7.632  | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.46 | 196  | 49576    | 8.791  | nq    | 94       |
| 44) 2,4,5-Trichlorophenol      | 12.54 | 196  | 53698    | 8.204  | nq    | 99       |
| 46) 1,1'-Biphenyl              | 12.87 | 154  | 212177   | 10.340 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 12.90 | 162  | 153834   | 9.230  | nq    | 98       |
| 48) 2-Nitroaniline             | 13.12 | 65   | 54337    | 8.226  | nq    | 96       |
| 49) Acenaphthylene             | 13.76 | 152  | 251644   | 9.440  | nq    | 99       |
| 50) Dimethylphthalate          | 13.52 | 163  | 206012   | 9.623  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.63 | 165  | 43743    | 9.312  | nq    | 89       |
| 52) Acenaphthene               | 14.11 | 154  | 149777   | 9.359  | nq    | 99       |
| 53) 3-Nitroaniline             | 13.97 | 138  | 38024    | 7.269  | nq    | 96       |
| 54) 2,4-Dinitrophenol          | 14.19 | 184  | 36216    | 12.685 | nq    | 95       |
| 55) Dibenzofuran               | 14.45 | 168  | 246258   | 9.550  | nq    | 100      |
| 56) 4-Nitrophenol              | 14.31 | 139  | 26495    | 6.387  | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.44 | 165  | 57475    | 8.800  | nq    | # 87     |
| 58) Fluorene                   | 15.10 | 166  | 201757   | 9.633  | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.69 | 232  | 50215    | 8.969  | nq    | 98       |
| 60) Diethylphthalate           | 14.90 | 149  | 211000   | 9.677  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.11 | 204  | 104110   | 9.372  | nq    | 98       |
| 62) 4-Nitroaniline             | 15.14 | 138  | 37624m   | 6.744  | nq    |          |
| 63) Azobenzene                 | 15.40 | 77   | 233400   | 9.783  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.21 | 198  | 29156    | 7.255  | nq    | 90       |
| 66) n-Nitrosodiphenylamine     | 15.33 | 169  | 176092   | 9.198  | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.00 | 248  | 64272    | 8.835  | nq    | 98       |
| 68) Hexachlorobenzene          | 16.12 | 284  | 72816    | 9.592  | nq    | 97       |
| 69) Atrazine                   | 16.30 | 200  | 61586    | 10.768 | nq    | 96       |
| 70) Pentachlorophenol          | 16.47 | 266  | 30918    | 6.764  | nq    | 100      |
| 71) Phenanthrene               | 16.84 | 178  | 326160   | 9.478  | nq    | 99       |
| 72) Anthracene                 | 16.93 | 178  | 320591   | 9.334  | nq    | 100      |
| 73) Carbazole                  | 17.22 | 167  | 281674   | 8.648  | nq    | 98       |
| 74) Di-n-butylphthalate        | 17.80 | 149  | 347289   | 9.042  | nq    | 98       |
| 75) Fluoranthene               | 18.87 | 202  | 382183   | 9.687  | nq    | 99       |
| 77) Benzidine                  | 19.07 | 184  | 118813   | 8.892  | nq    | 98       |
| 78) Pyrene                     | 19.23 | 202  | 396319   | 9.325  | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.17 | 149  | 150265   | 8.743  | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.00 | 228  | 384081   | 9.947  | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 20.94 | 252  | 132849   | 11.121 | nq    | 100      |
| 83) Chrysene                   | 21.05 | 228  | 362135   | 9.842  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 20.96 | 149  | 232515   | 9.488  | nq    | 100      |
| 85) Di-n-octyl phthalate       | 21.81 | 149  | 368793   | 9.755  | nq    | 97       |
| 87) Indeno(1,2,3-cd)pyrene     | 25.14 | 276  | 305833   | 8.872  | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 22.49 | 252  | 345565   | 9.640  | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 22.53 | 252  | 338963   | 9.733  | nq    | 98       |
| 90) Benzo(a)pyrene             | 23.02 | 252  | 288959   | 9.076  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.15 | 278  | 258909   | 8.997  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 25.76 | 276  | 253402   | 9.254  | nq    | 98       |

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





#1

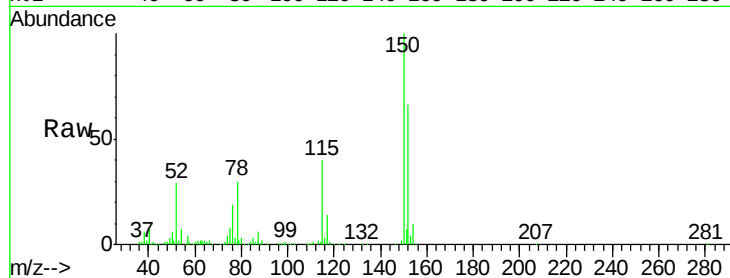
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Concen: 20.000 ng  
RT: 7.39 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

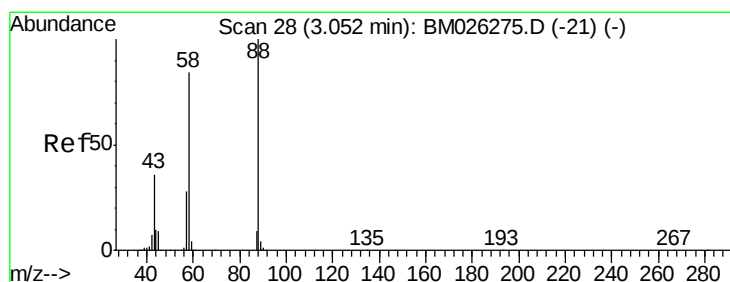
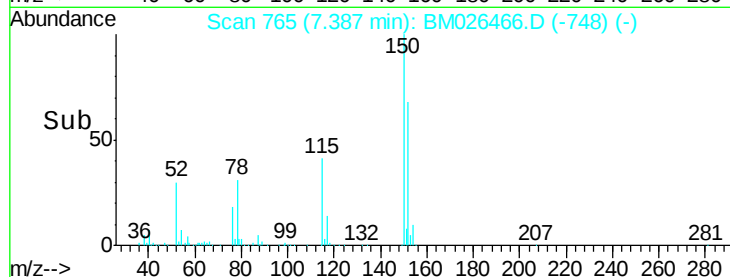
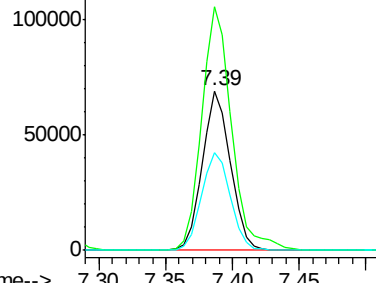
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.4 | 127.8 | 191.6 |
| 115     | 61.0  | 51.5  | 77.3  |

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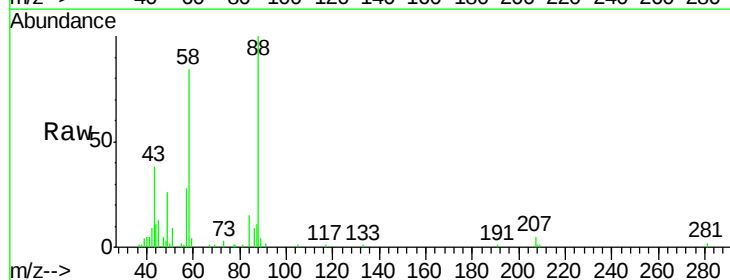
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



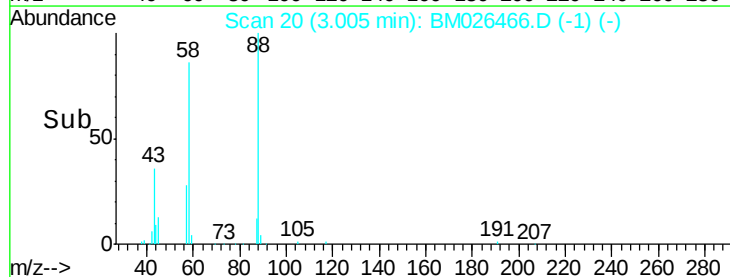
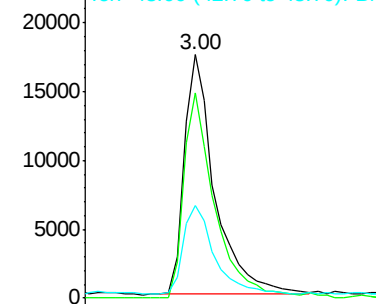
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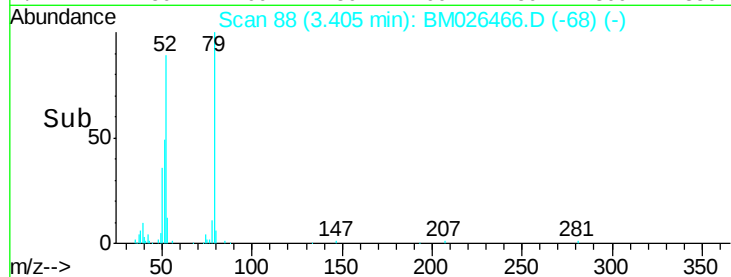
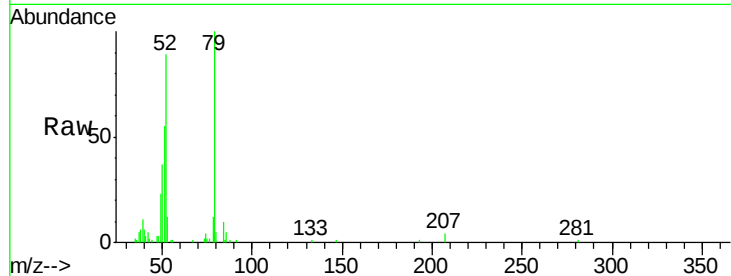
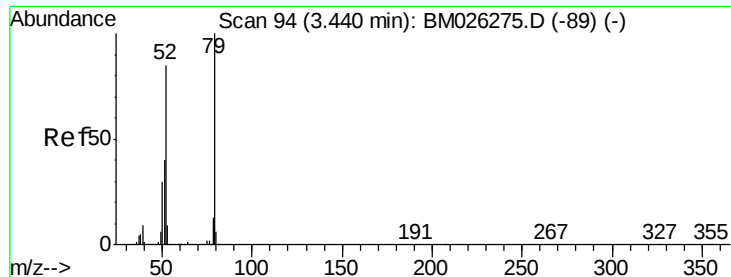
1,4-Dioxane  
Concen: 9.668 ng  
RT: 3.00 min Scan# 20  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 86.2  | 67.7  | 101.5 |
| 43      | 37.0  | 28.0  | 42.0  |



Abundance Ion 88.00 (87.70 to 88.70): BM0  
Ion 58.00 (57.70 to 58.70): BM0  
Ion 43.00 (42.70 to 43.70): BM0





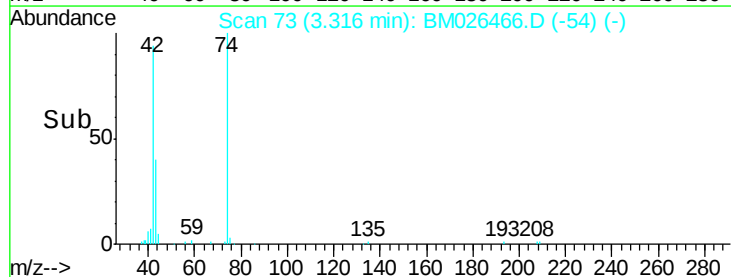
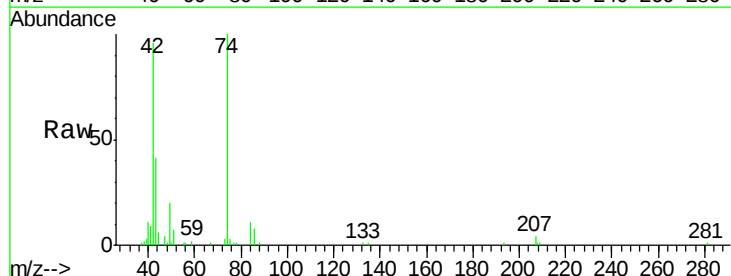
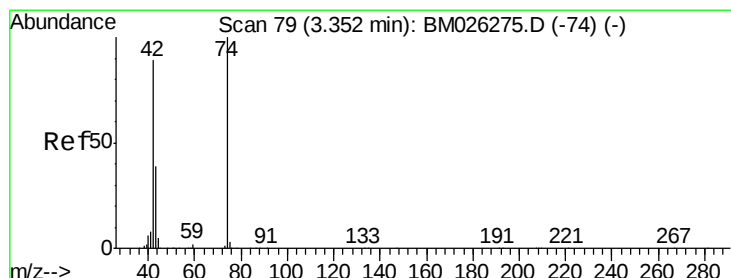
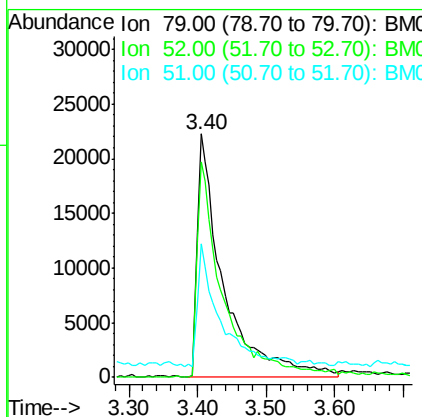
#3  
Pvridine  
Concen: 7.901 ng  
RT: 3.40 min Scan# 88  
Delta R.T. 0.02 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 88.8  | 67.4  | 101.2 |
| 51      | 54.7  | 33.0  | 49.6  |

Instrument :  
BNA\_M  
ClientSampleId :  
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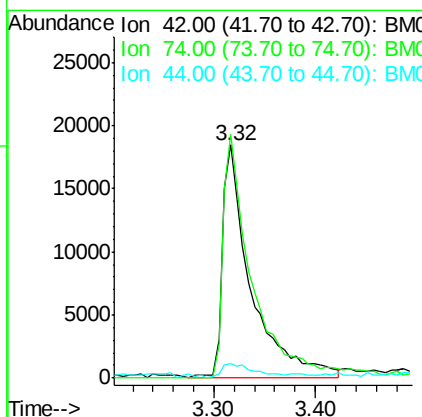
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#4  
n-Nitrosodimethylamine  
Concen: 9.604 ng  
RT: 3.32 min Scan# 73  
Delta R.T. 0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 104.6 | 95.4  | 143.2 |
| 44      | 6.5   | 5.9   | 8.9   |





#5

2-Fluorophenol

Concen: 141.097 ng

RT: 5.02 min Scan# 363

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

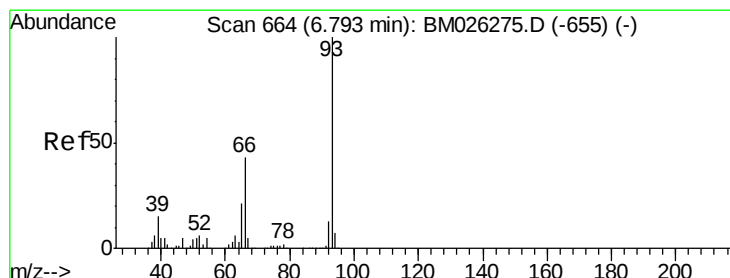
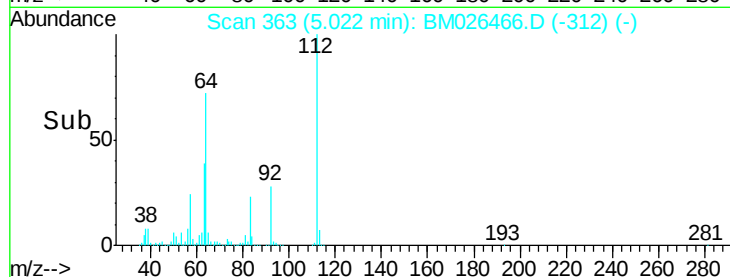
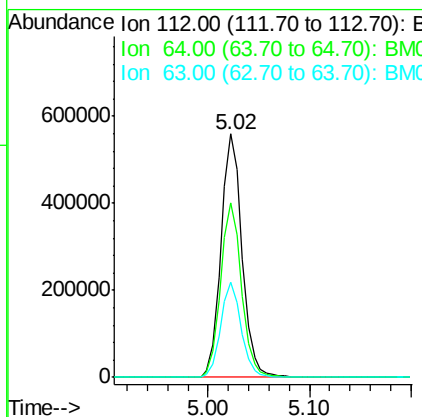
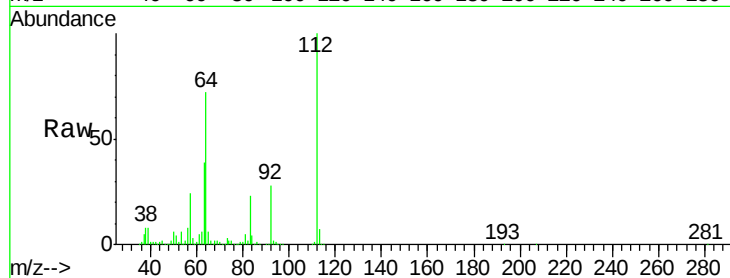
ClientSampleId :

LOQ-SOIL-02-QT1-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 806058 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 71.8  | 56.0  | 84.0   |
| 63        | 39.0  | 29.0  | 43.6   |

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#6

Aniline

Concen: 9.092 ng

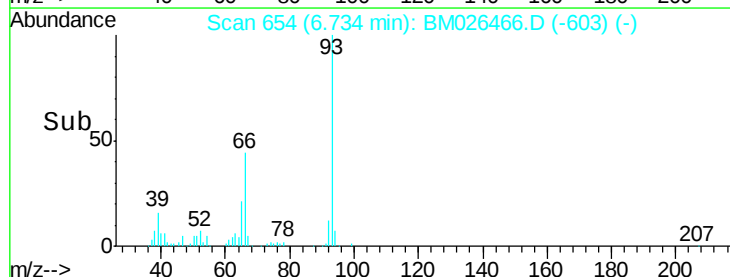
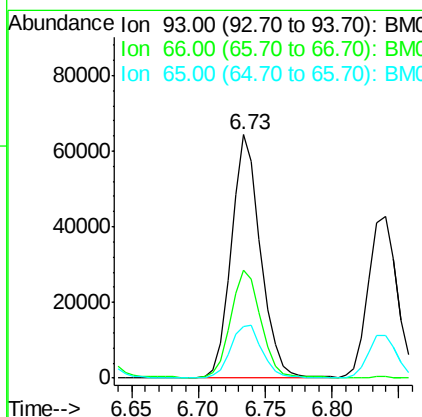
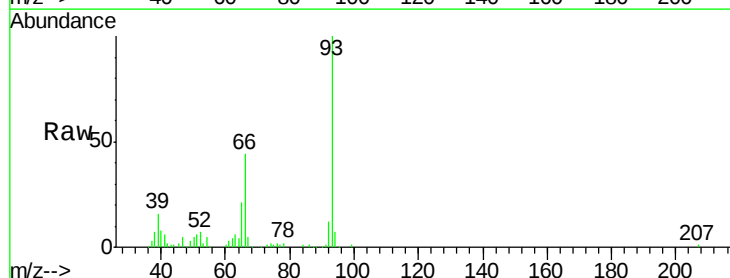
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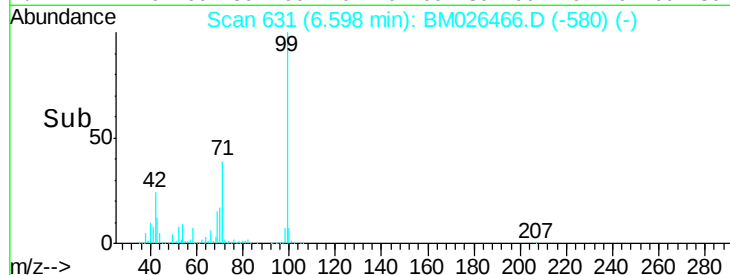
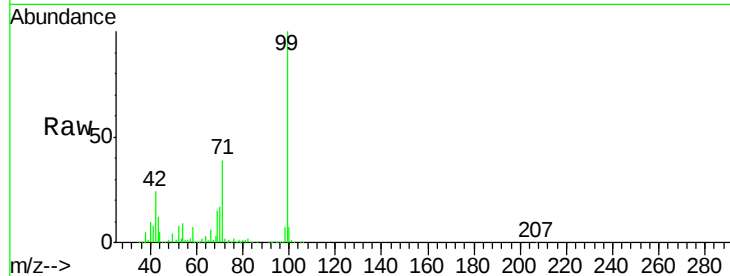
Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 98652 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 44.5  | 34.1  | 51.1  |
| 65        | 21.1  | 17.5  | 26.3  |





#7

Phenol-d6

Concen: 143.365 ng

RT: 6.60 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Tot Ion: 99 Resp: 1185977

Ion Ratio Lower Upper

99 100

42 23.8 17.8 26.6

71 39.3 31.0 46.4

Instrument :

BNA\_M

ClientSampleId :

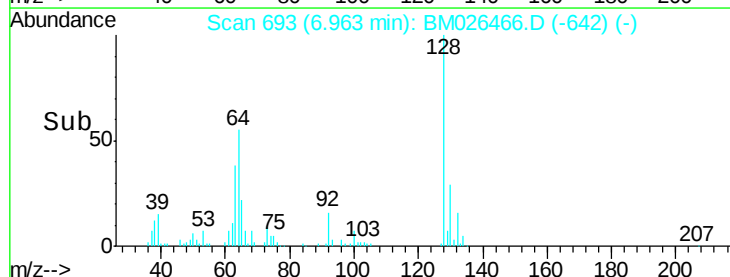
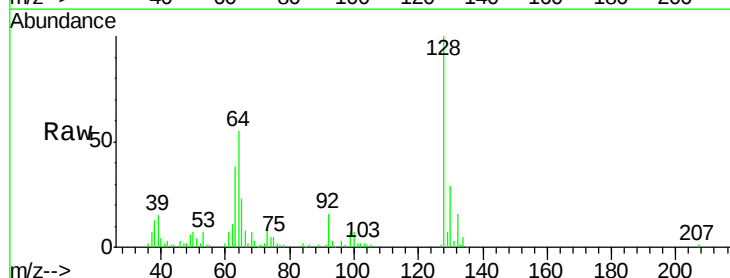
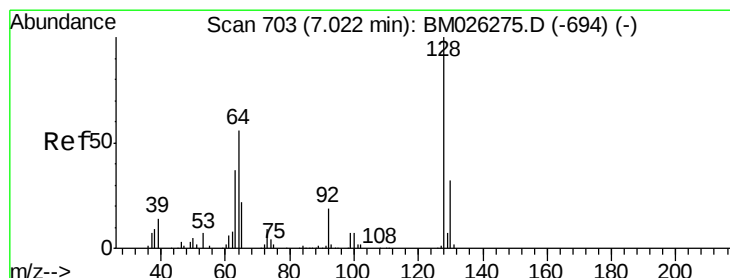
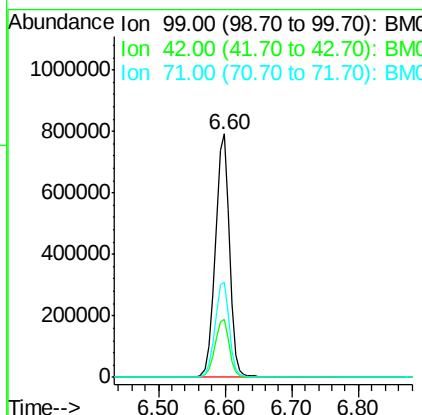
LOQ-SOIL-02-QT1-2020

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#8

2-Chlorophenol

Concen: 9.209 ng

RT: 6.96 min Scan# 693

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

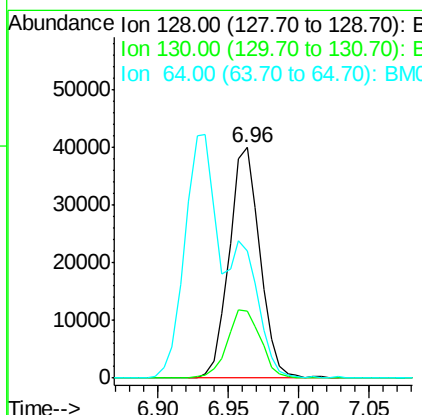
Tgt Ion: 128 Resp: 60682

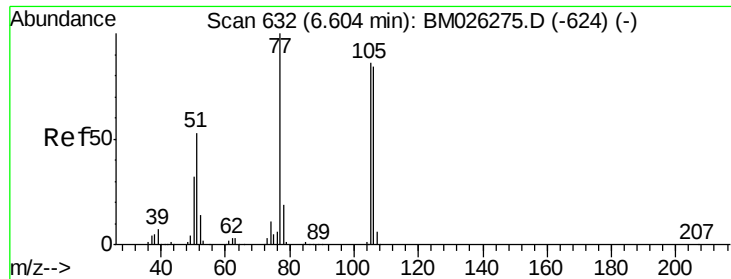
Ion Ratio Lower Upper

128 100

130 29.3 12.3 52.3

64 55.3 36.4 76.4





#9

Benzaldehyde

Concen: 10.937 ng

RT: 6.55 min Scan# 622

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

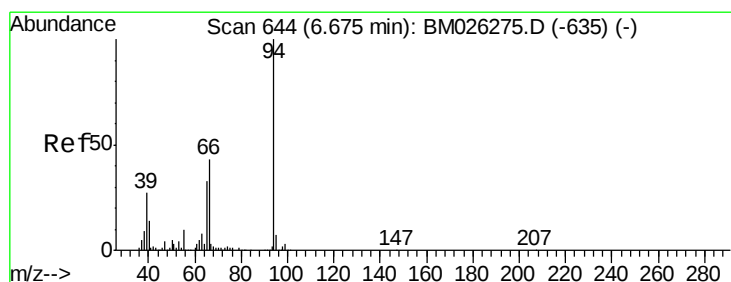
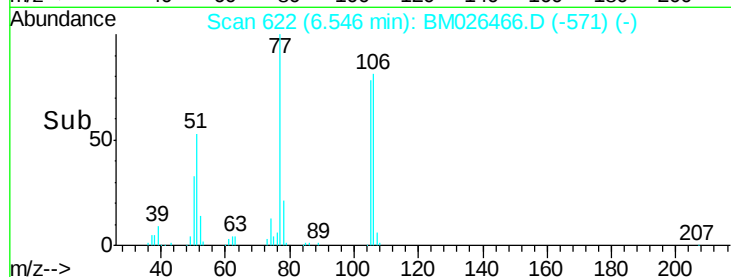
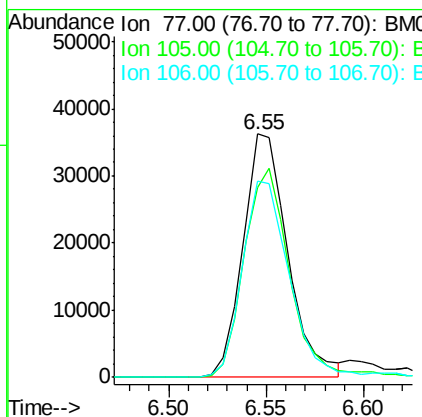
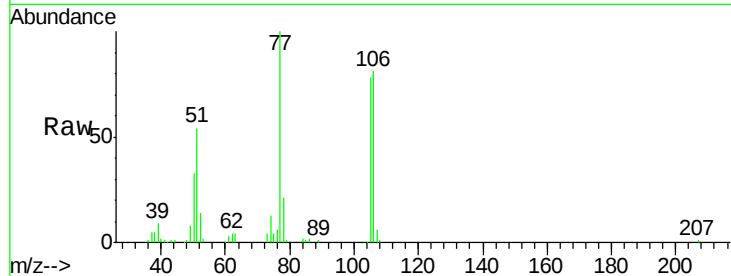
ClientSampleId :

LOQ-SOIL-02-QT1-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 77    | Resp: | 57691 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 77.9  | 71.5  | 111.5 |
| 106       | 80.6  | 64.7  | 104.7 |

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#10

Phenol

Concen: 9.047 ng

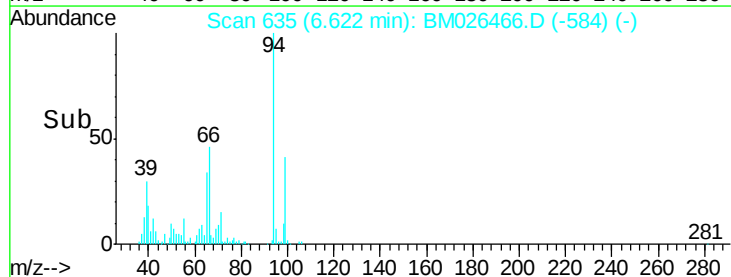
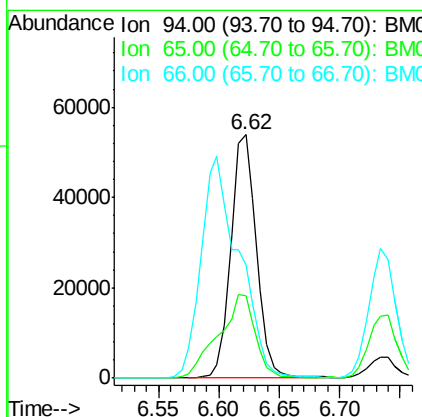
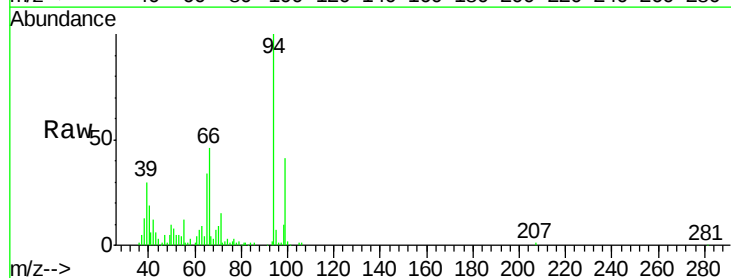
RT: 6.62 min Scan# 635

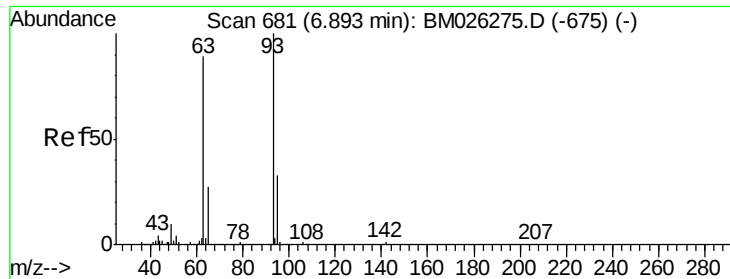
Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 94    | Resp: | 79698 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 33.9  | 11.4  | 51.4  |
| 66        | 46.2  | 21.7  | 61.7  |





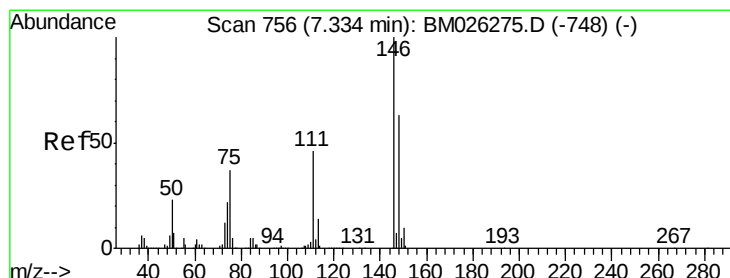
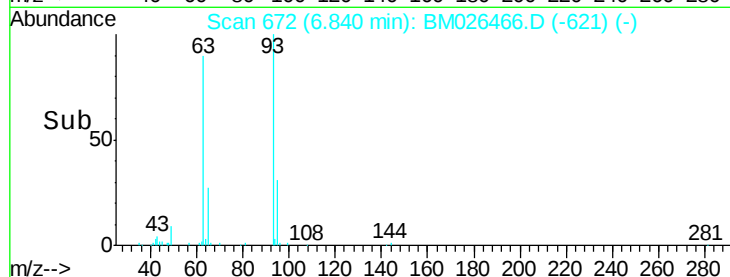
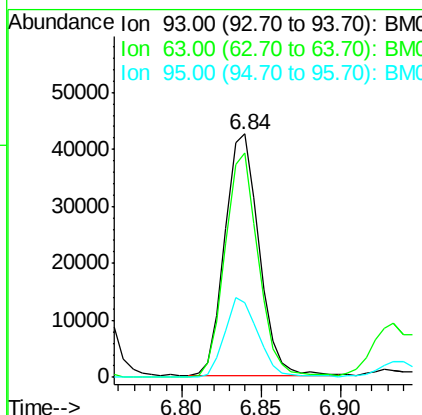
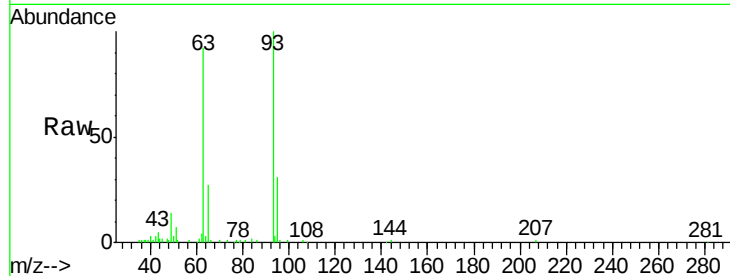
#11  
bis(2-Chloroethyl)ether  
Concen: 8.987 ng  
RT: 6.84 min Scan# 672  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 92.3  | 66.7  | 106.7 |
| 95      | 30.8  | 14.5  | 54.5  |

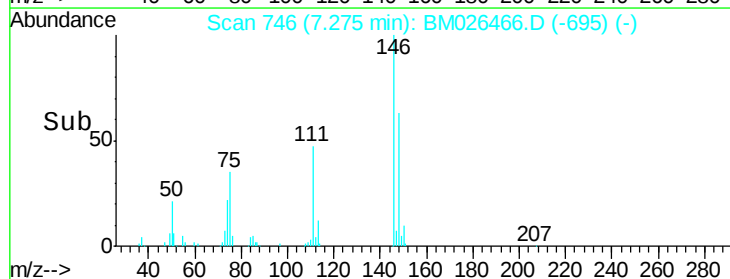
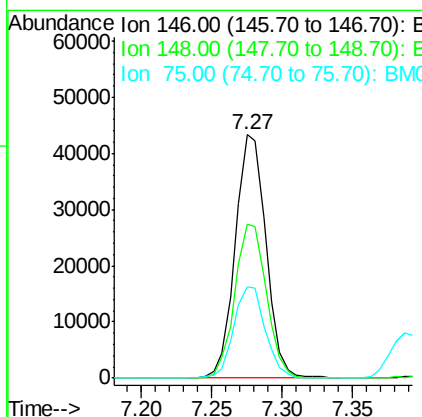
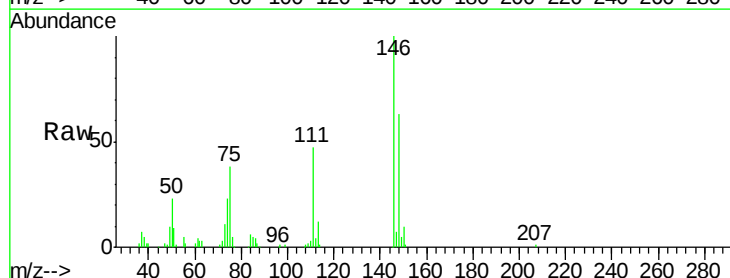
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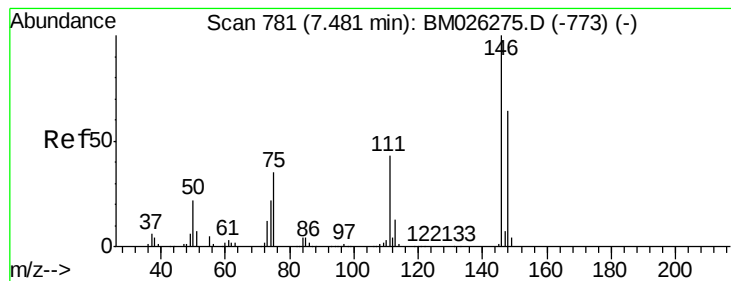
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 9.044 ng  
RT: 7.27 min Scan# 746  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 50.3  | 75.5  |
| 75      | 37.6  | 29.0  | 43.6  |





#13

1,4-Dichlorobenzene

Concen: 8.963 ng

RT: 7.42 min Scan# 771

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

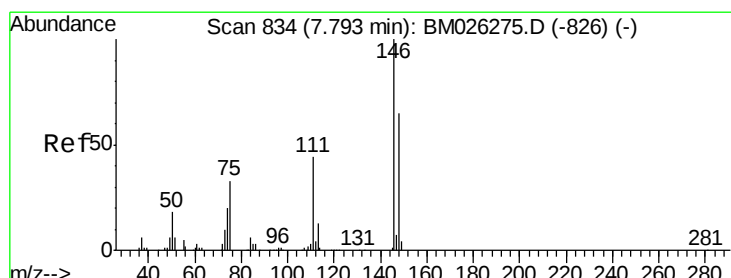
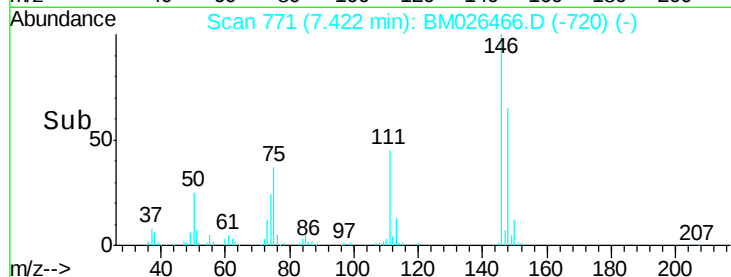
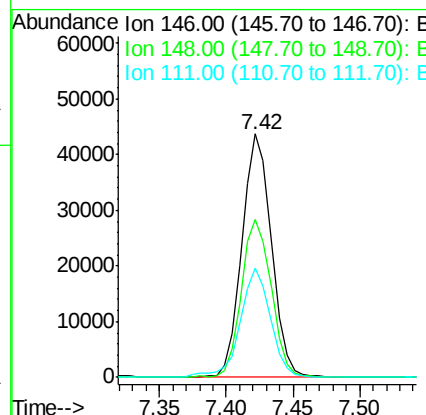
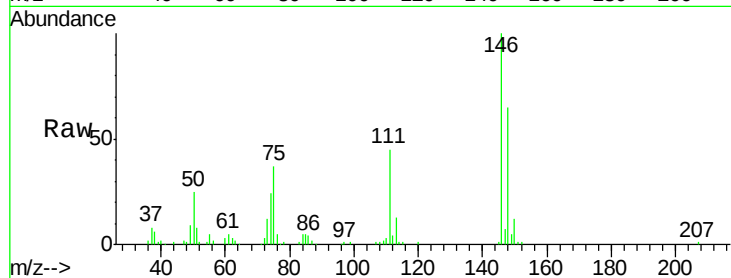
ClientSampleId :

LOQ-SOIL-02-QT1-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 66602 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 64.6  | 52.2  | 78.2  |
| 111       | 44.9  | 34.9  | 52.3  |

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#14

1,2-Dichlorobenzene

Concen: 8.892 ng

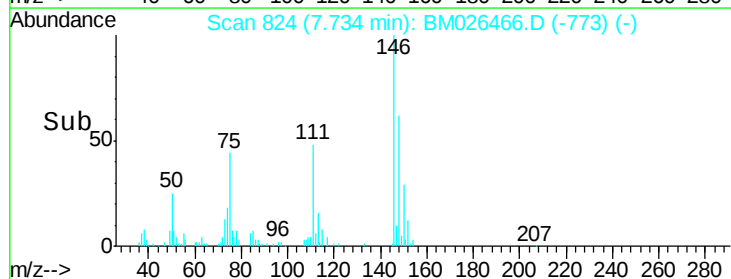
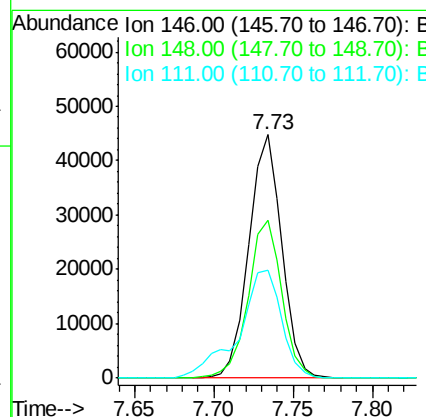
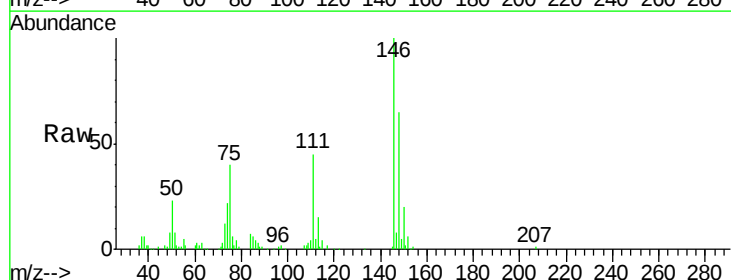
RT: 7.73 min Scan# 824

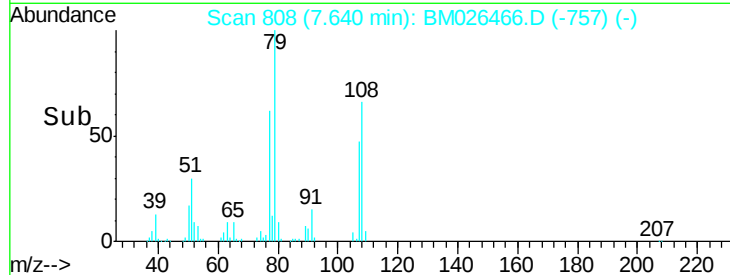
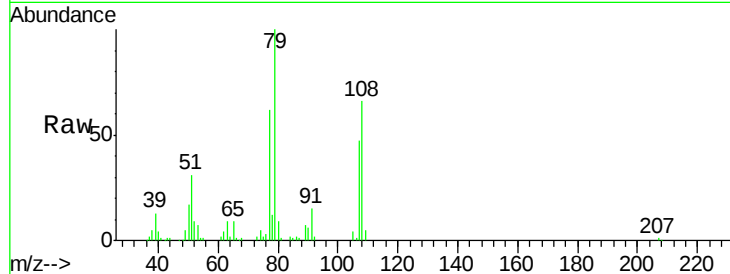
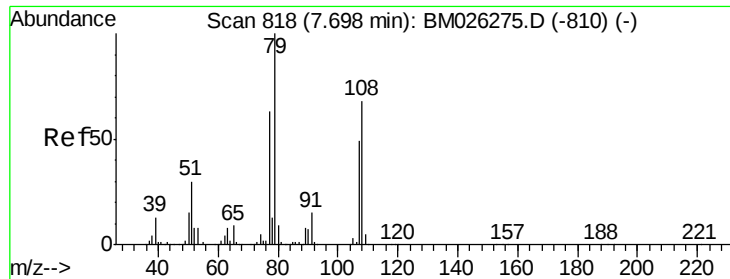
Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 64544 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 64.8  | 50.8  | 76.2  |
| 111       | 44.6  | 35.4  | 53.0  |





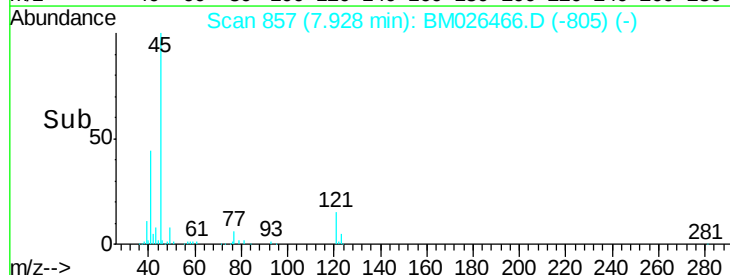
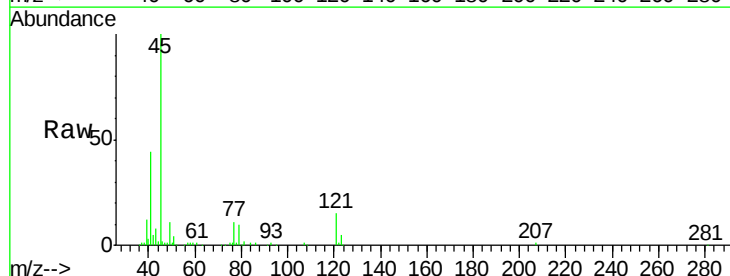
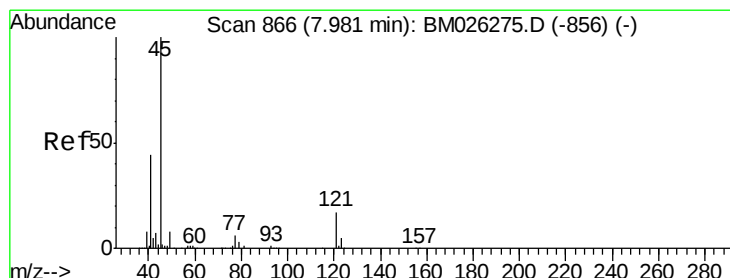
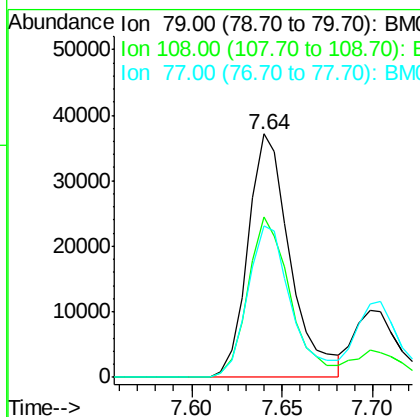
#15  
Benzyl Alcohol  
Concen: 8.565 ng  
RT: 7.64 min Scan# 808  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 60169 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 65.8  | 54.6  | 82.0  |
| 77        | 62.3  | 51.0  | 76.4  |

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

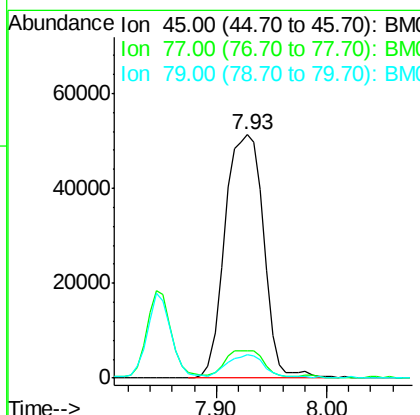
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 9.482 ng  
RT: 7.93 min Scan# 857  
Delta R.T. 0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 125652 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 11.4  | 0.0   | 31.8   |
| 79        | 9.7   | 0.0   | 28.9   |





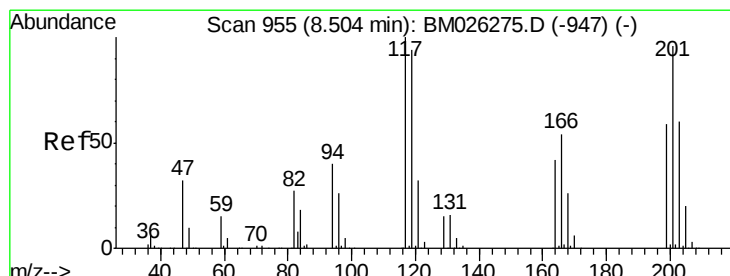
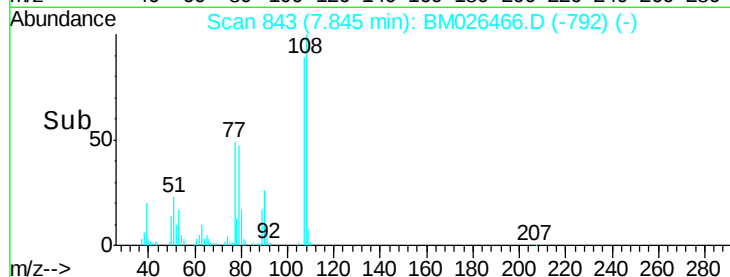
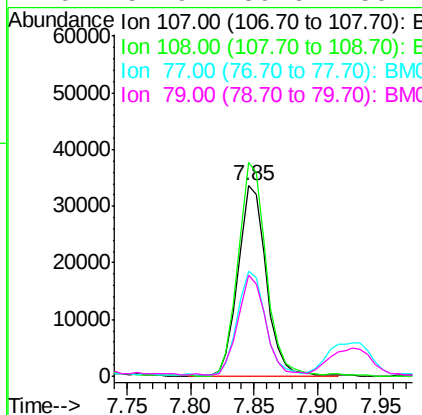
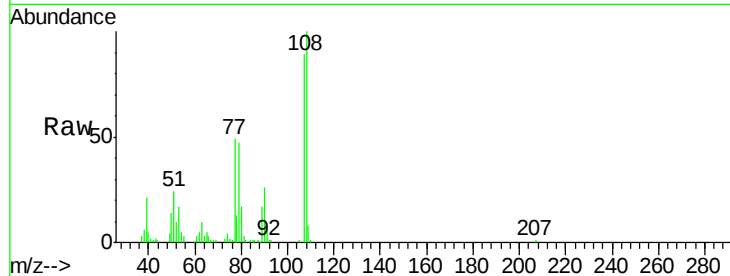
#17  
2-Methylphenol  
Concen: 8.080 ng  
RT: 7.85 min Scan# 843  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.1 | 88.5 | 132.7 |       |
| 77      | 55.1  | 40.6 | 60.8  |       |
| 79      | 52.9  | 39.6 | 59.4  |       |

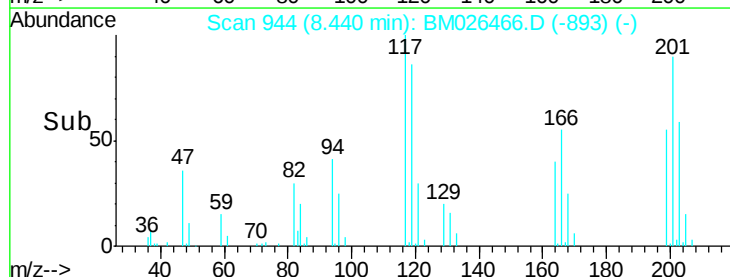
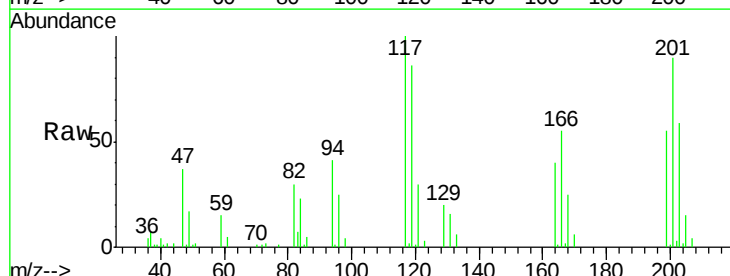
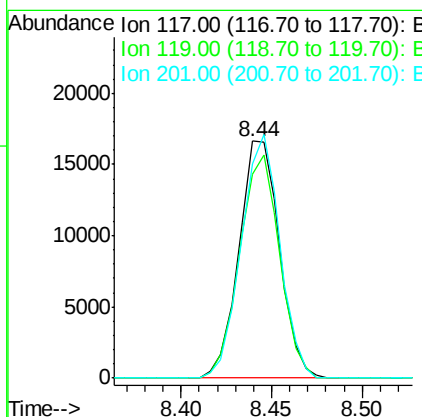
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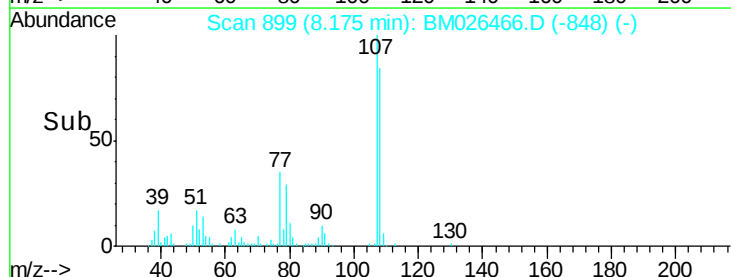
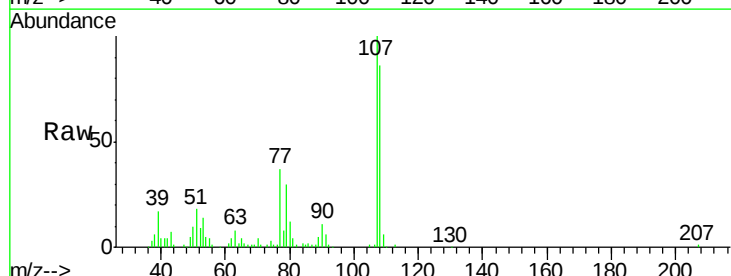
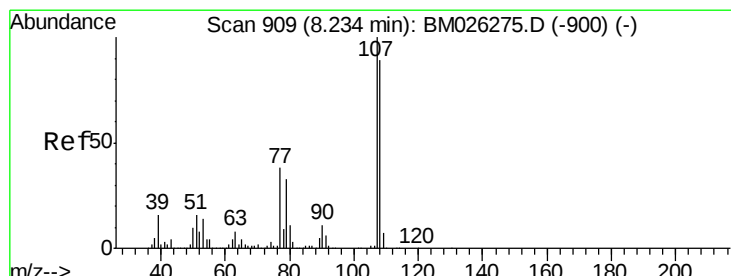
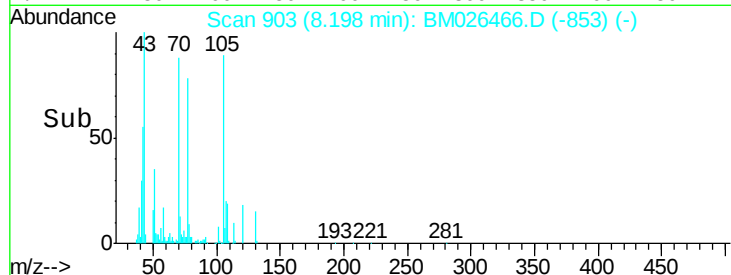
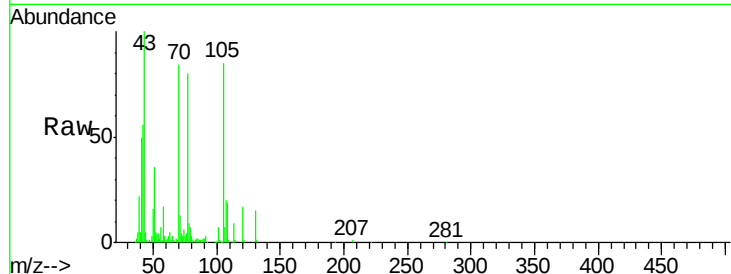
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#18  
Hexachloroethane  
Concen: 9.216 ng  
RT: 8.44 min Scan# 944  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

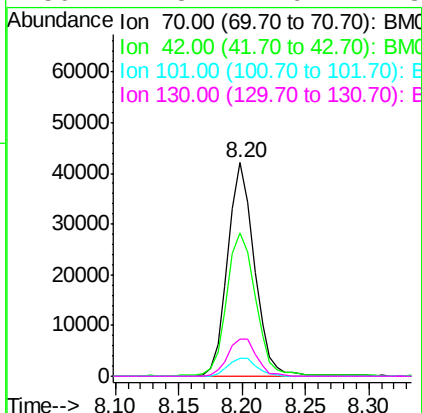
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 86.1  | 77.8 | 116.6 |       |
| 201     | 90.2  | 79.9 | 119.9 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 9.557 ng  
RT: 8.20 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tot Ion   | 70    | Resp  | 61608 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 67.0  | 52.2  | 78.4  |
| 101       | 8.6   | 7.0   | 10.6  |
| 130       | 17.3  | 14.9  | 22.3  |



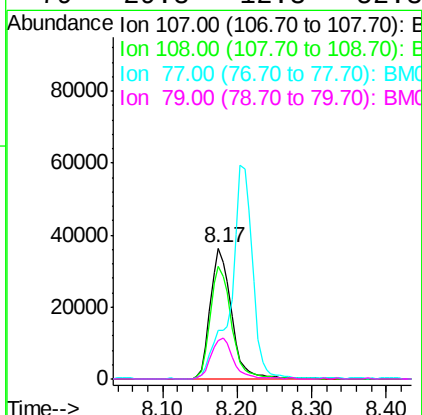
Instrument :  
BNA\_M  
ClientSampleId :  
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#20  
3+4-Methylphenols  
Concen: 8.143 ng  
RT: 8.17 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion   | 107   | Resp  | 71464 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 85.5  | 70.4  | 110.4 |
| 77        | 36.9  | 17.3  | 57.3  |
| 79        | 29.8  | 12.3  | 52.3  |





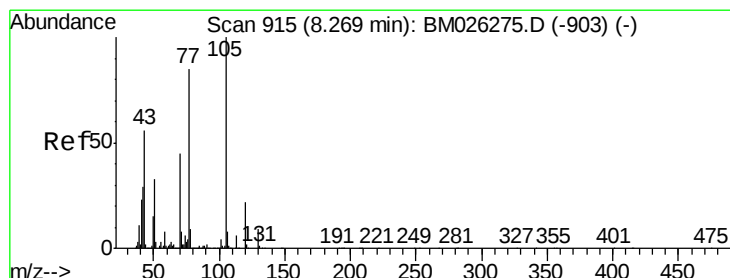
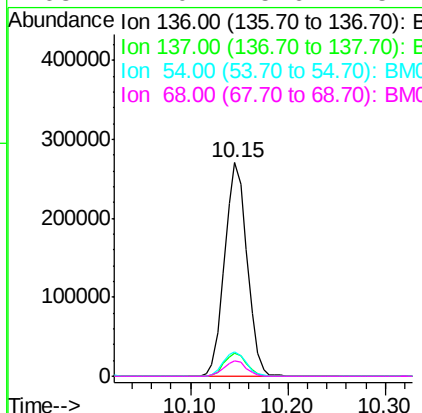
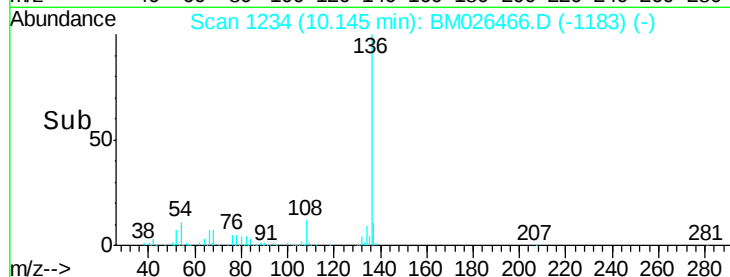
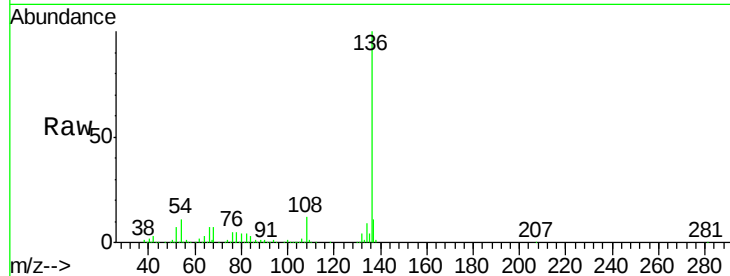
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.15 min Scan# 1234  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 431330 |       |       |
| 137     | 10.9  | 8.5    | 12.7  |       |
| 54      | 11.3  | 9.0    | 13.6  |       |
| 68      | 7.0   | 5.6    | 8.4   |       |

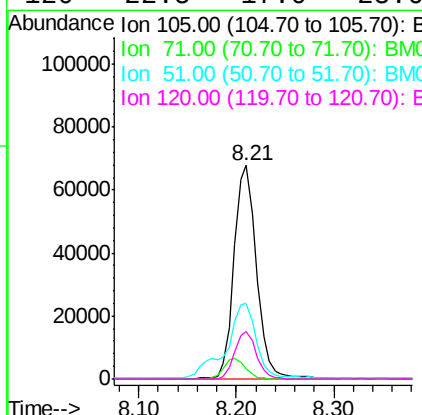
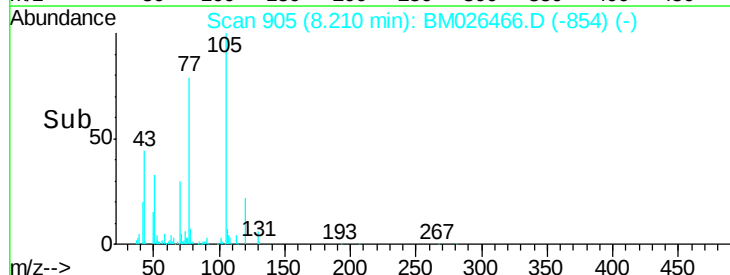
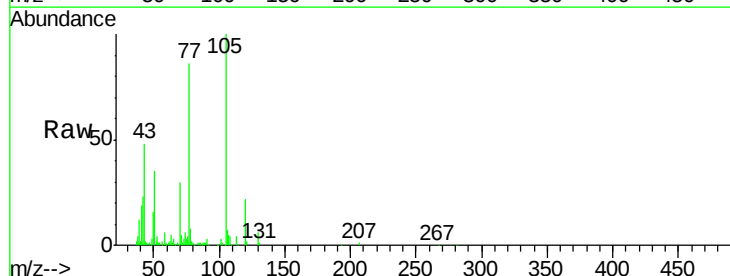
Manual Integrations  
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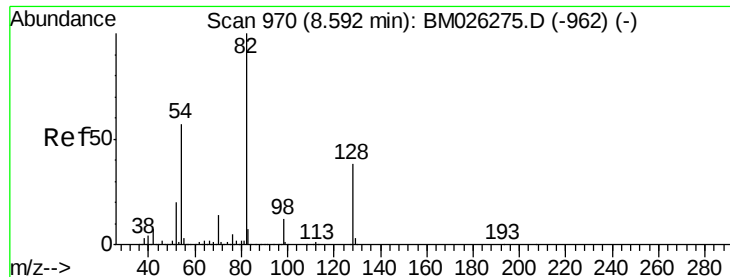
mohammad  
6/22/2020 3:23:17 PM



#22  
Acetophenone  
Concen: 9.829 ng  
RT: 8.21 min Scan# 905  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 109012 |       |       |
| 71      | 4.9   | 4.5    | 6.7   |       |
| 51      | 35.3  | 25.2   | 37.8  |       |
| 120     | 22.5  | 17.0   | 25.6  |       |





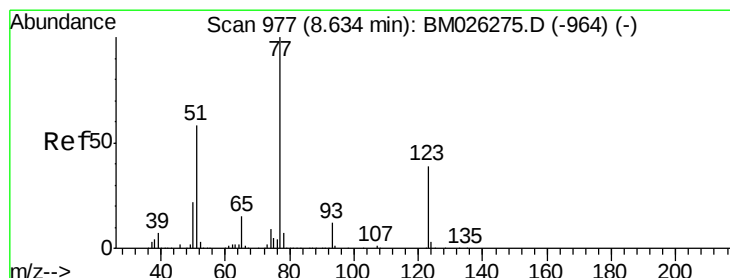
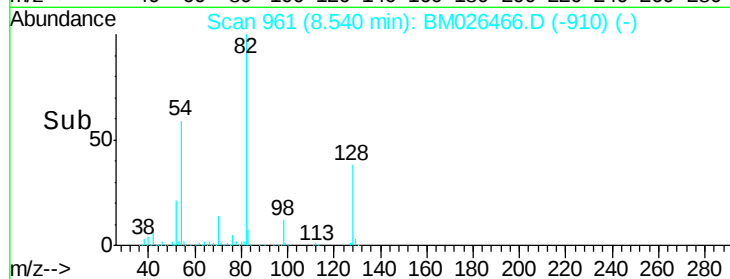
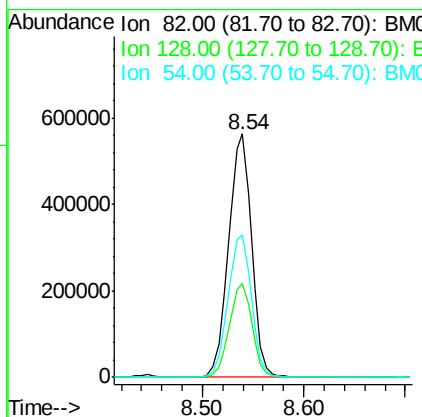
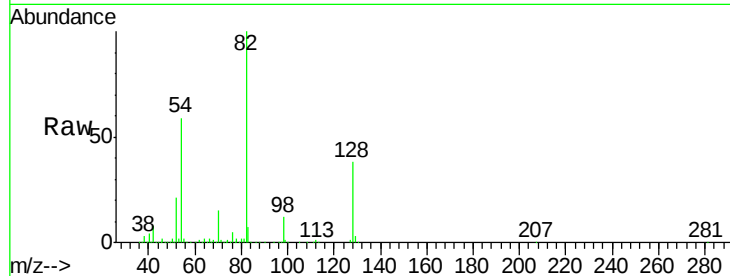
#23  
Nitrobenzene-d5  
Concen: 101.113 ng  
RT: 8.54 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 38.4  | 31.0 | 46.6  |       |
| 54      | 58.6  | 45.4 | 68.2  |       |

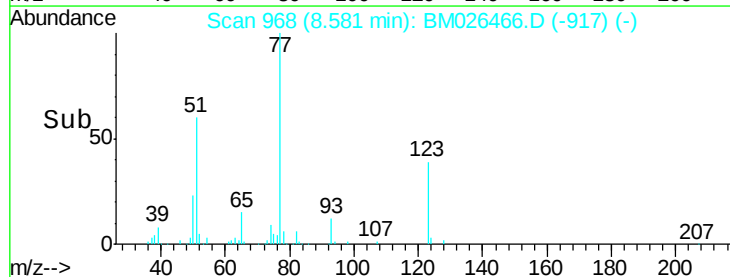
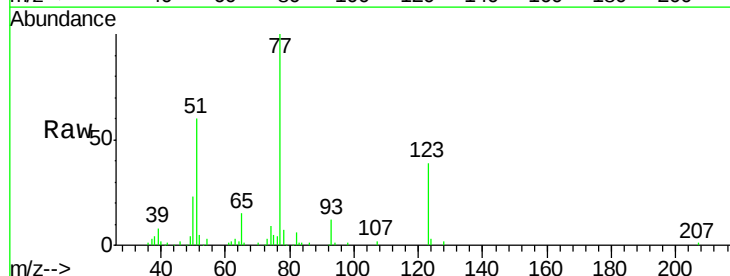
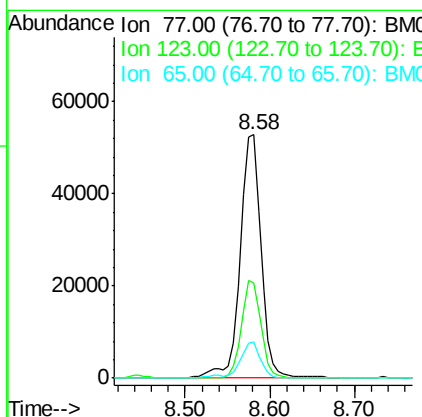
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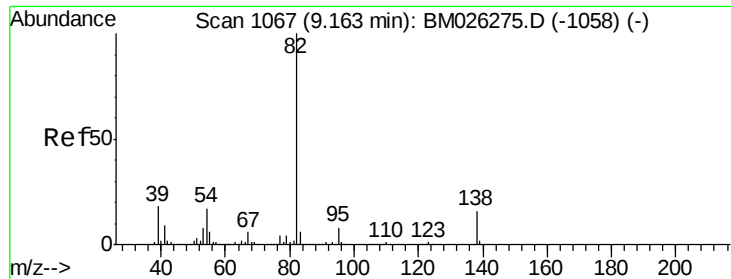
mohammad  
6/22/2020 3:23:17 PM



#24  
Nitrobenzene  
Concen: 9.838 ng  
RT: 8.58 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 39.0  | 32.0 | 48.0  |       |
| 65      | 14.7  | 11.8 | 17.8  |       |





#25

Isophorone

Concen: 9.602 ng

RT: 9.10 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

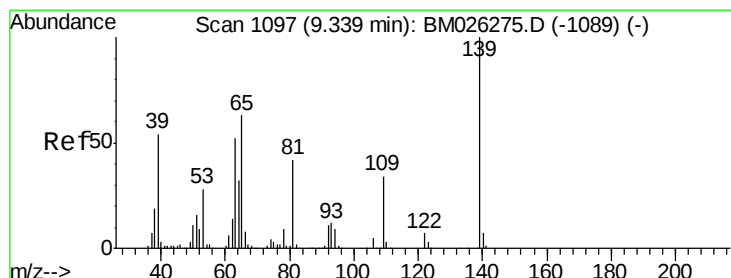
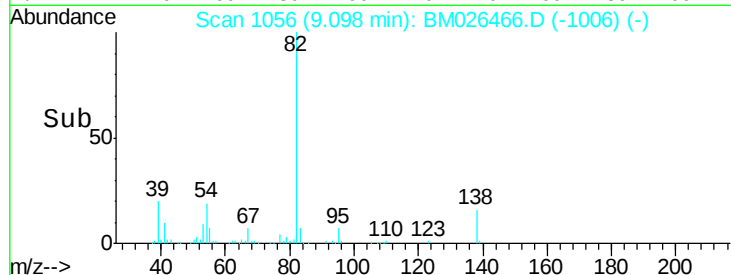
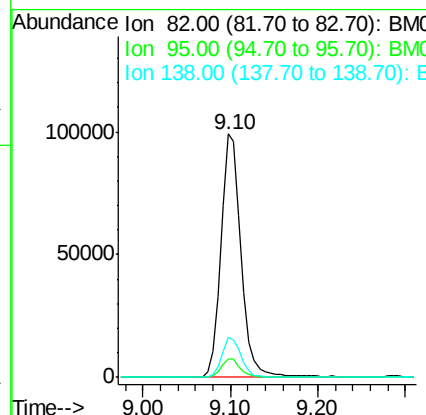
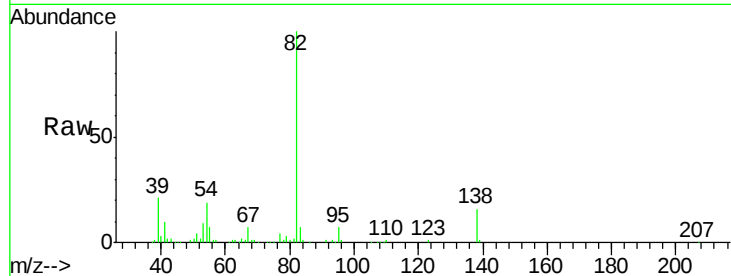
ClientSampleId :

LOQ-SOIL-02-QT1-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 158461 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.4   | 6.0   | 9.0    |
| 138       | 16.2  | 12.7  | 19.1   |

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#26

2-Nitrophenol

Concen: 8.402 ng

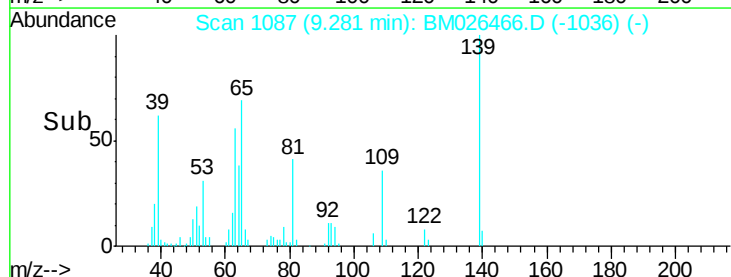
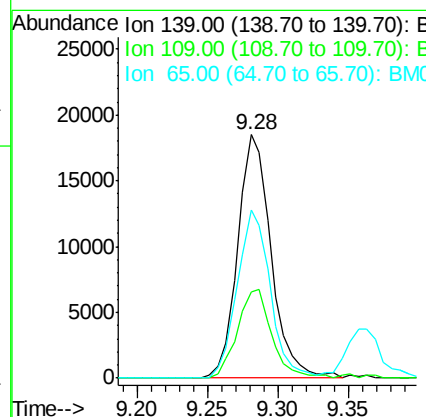
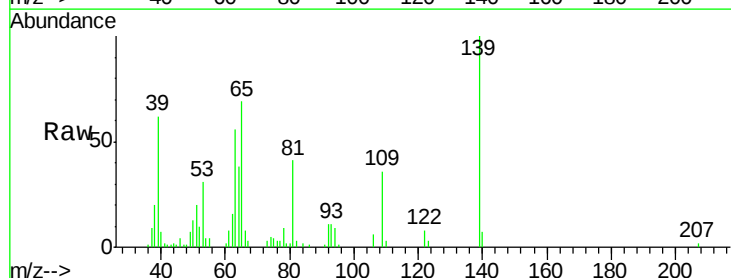
RT: 9.28 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 30577 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 35.5  | 25.2  | 37.8  |
| 65        | 69.2  | 47.1  | 70.7  |





#27

2,4-Dimethylphenol

Concen: 8.289 ng

RT: 9.36 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

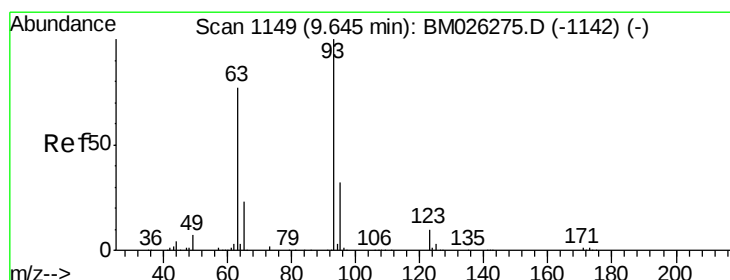
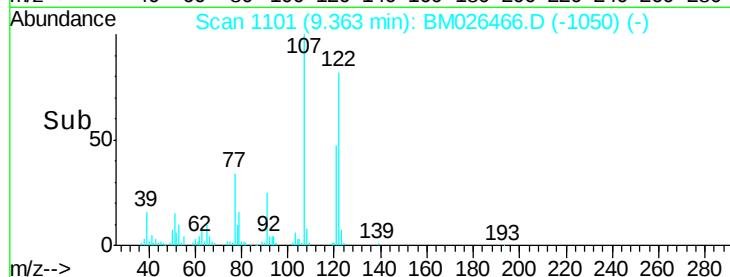
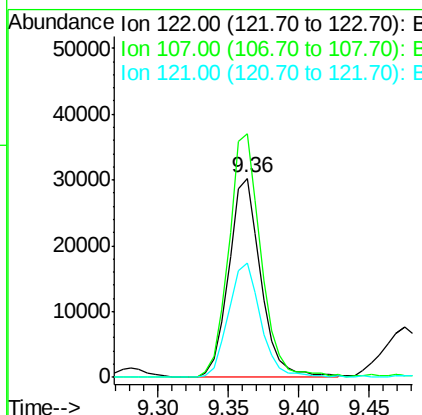
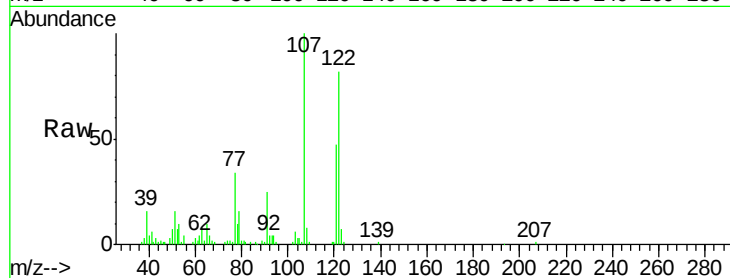
ClientSampleId :

LOQ-SOIL-02-QT1-2020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 122   | Resp: | 47622 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 122.3 | 96.1  | 144.1 |
| 121      | 57.2  | 46.0  | 69.0  |

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#28

bis(2-Chloroethoxy)methane

Concen: 9.892 ng

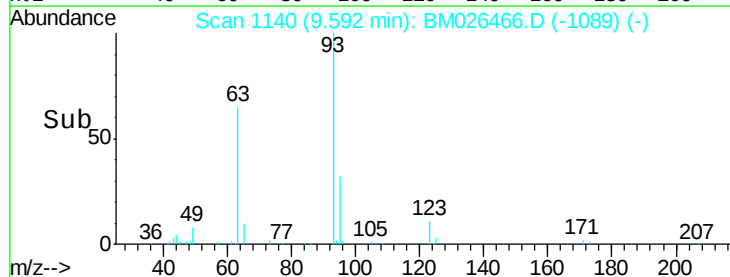
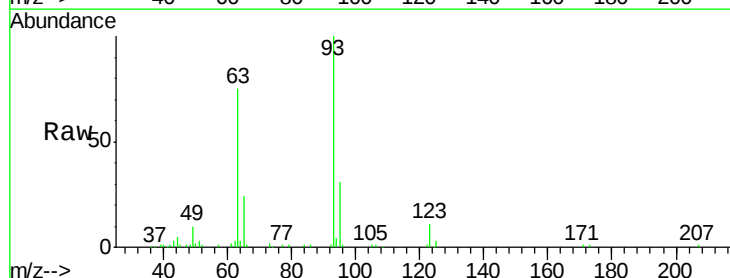
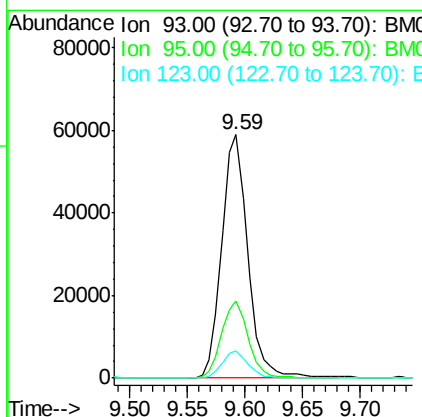
RT: 9.59 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 92622 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 31.5  | 25.9  | 38.9  |
| 123      | 11.3  | 8.9   | 13.3  |





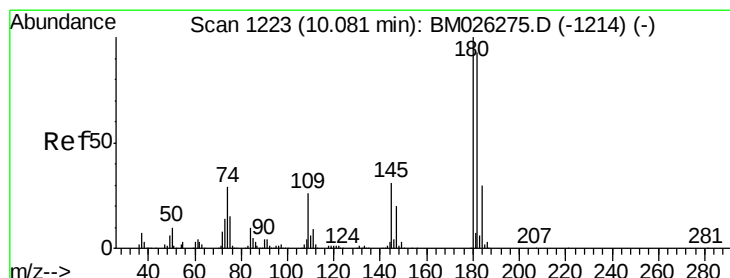
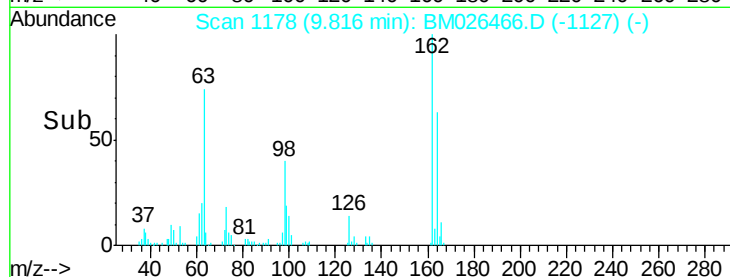
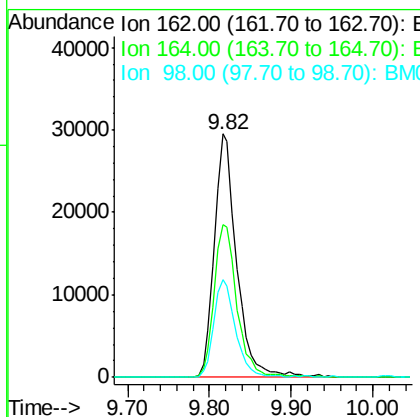
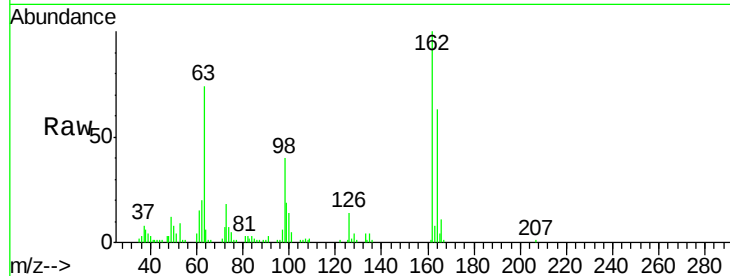
#29  
2,4-Dichlorophenol  
Concen: 8.927 ng  
RT: 9.82 min Scan# 1178  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 56272 |       |       |
| 164     | 62.9  | 46.2  | 86.2  |       |
| 98      | 40.4  | 19.0  | 59.0  |       |

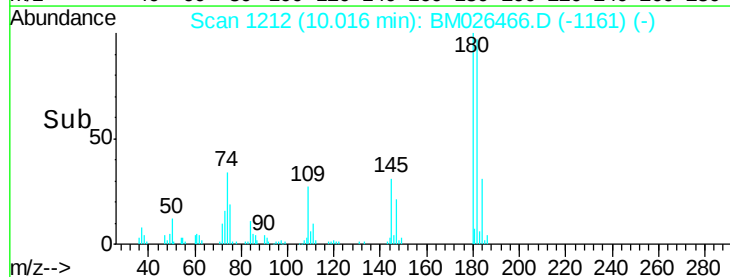
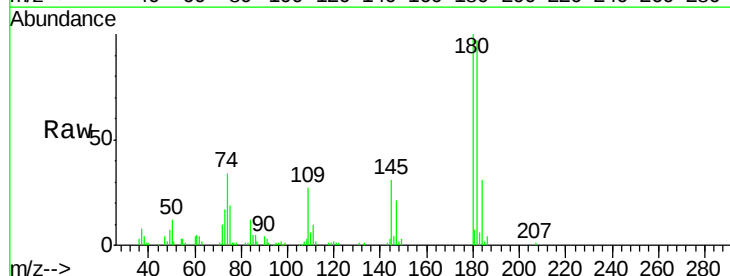
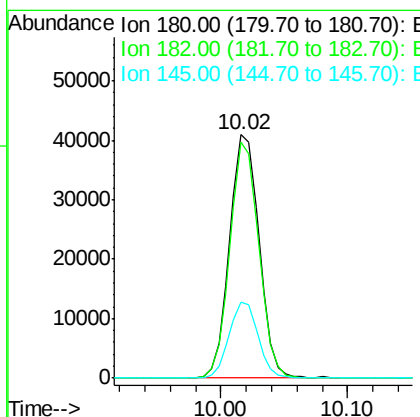
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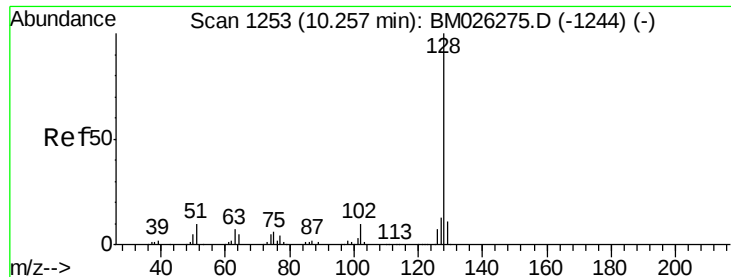
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 9.572 ng  
RT: 10.02 min Scan# 1212  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 66167 |       |       |
| 182     | 97.0  | 77.3  | 115.9 |       |
| 145     | 31.4  | 26.6  | 40.0  |       |





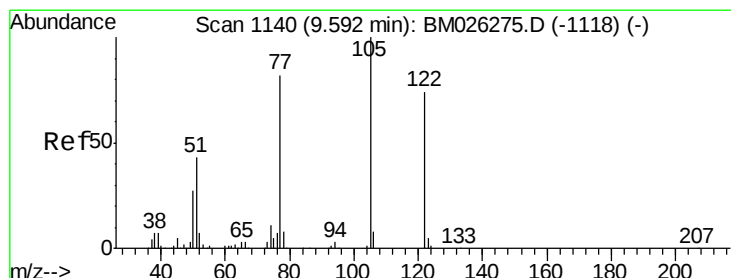
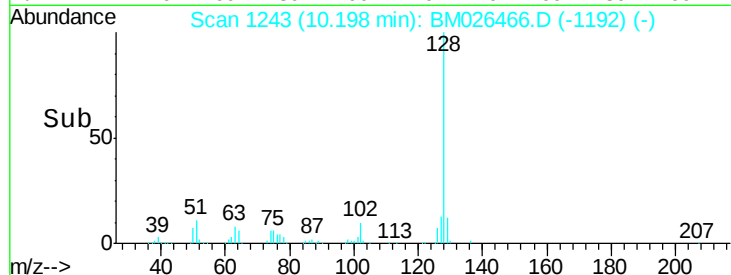
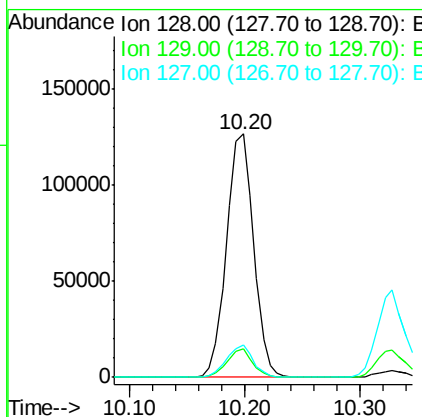
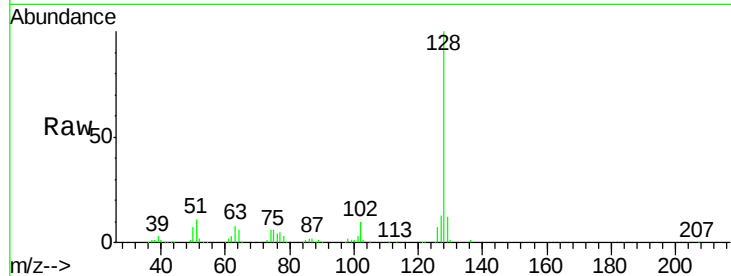
#31  
Naphthalene  
Concen: 9.499 ng  
RT: 10.20 min Scan# 1243  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 206477 |       |       |
| 129     | 11.5  |        | 8.4   | 12.6  |
| 127     | 13.1  |        | 10.2  | 15.4  |

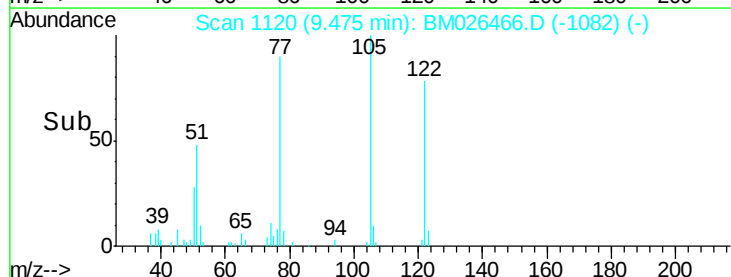
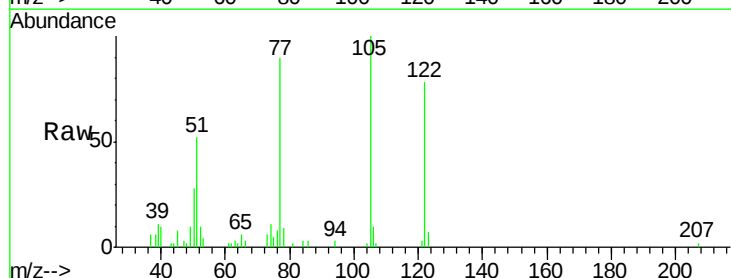
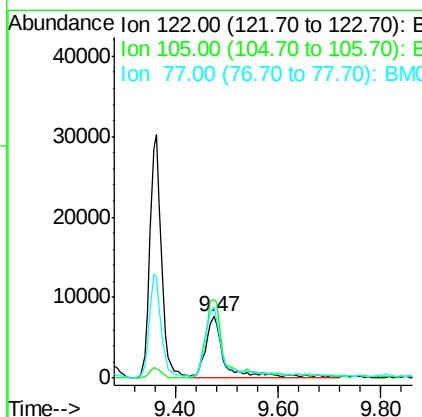
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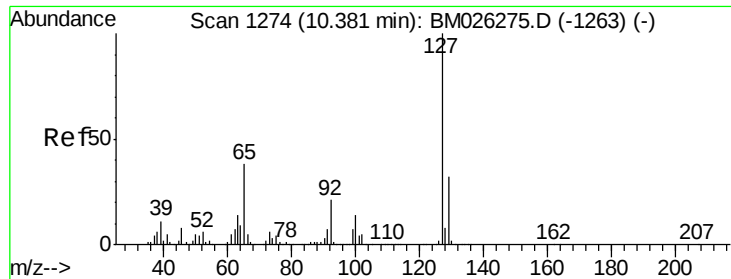
mohammad  
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#32  
Benzoic acid  
Concen: 4.705 ng m  
RT: 9.47 min Scan# 1120  
Delta R.T. -0.08 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 20085 |       |       |
| 105     | 127.6 |       | 108.9 | 148.9 |
| 77      | 115.1 |       | 90.1  | 130.1 |





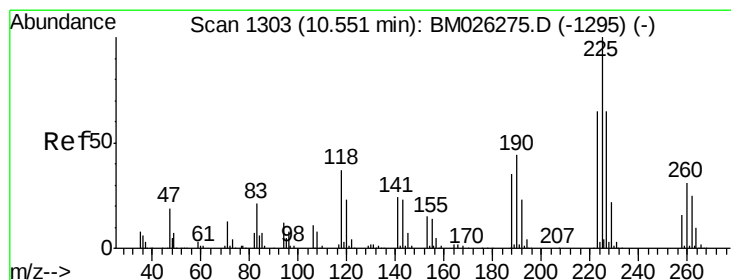
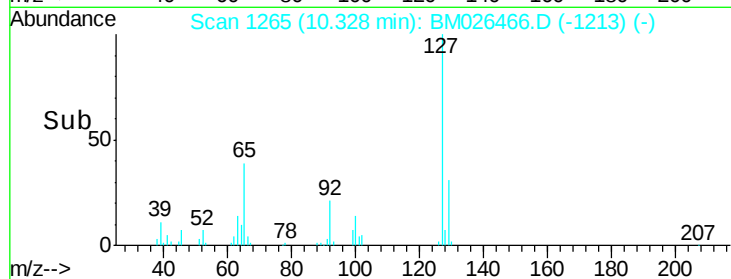
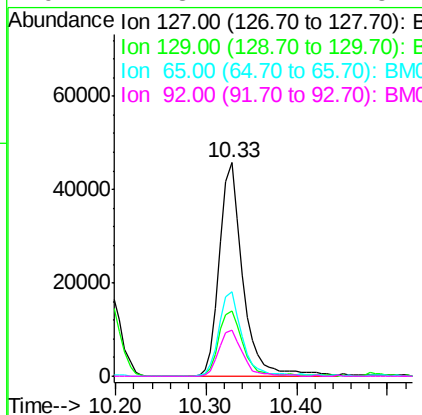
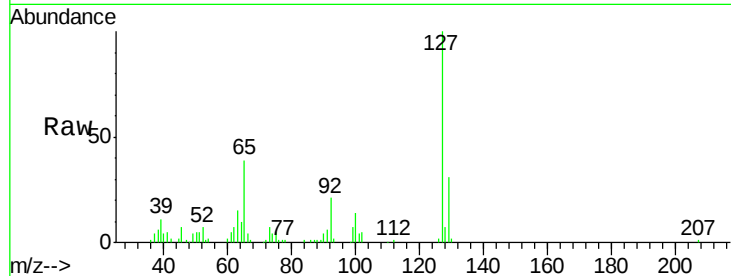
#33  
4-Chloroaniline  
Concen: 8.681 ng  
RT: 10.33 min Scan# 1265  
Delta R.T. 0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.7  | 25.3  | 37.9  |
| 65      | 39.3  | 30.0  | 45.0  |
| 92      | 21.3  | 17.1  | 25.7  |

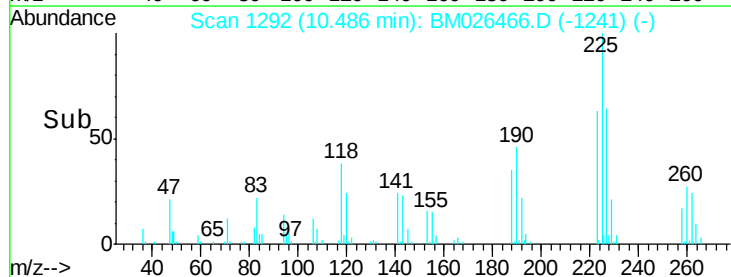
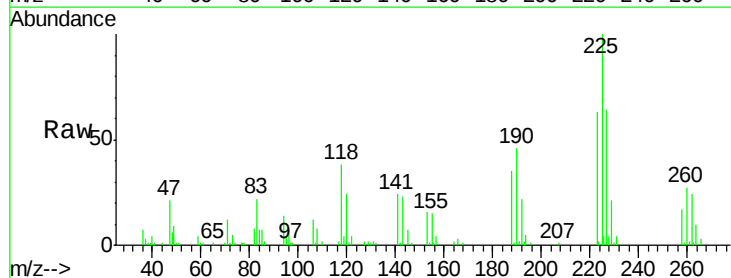
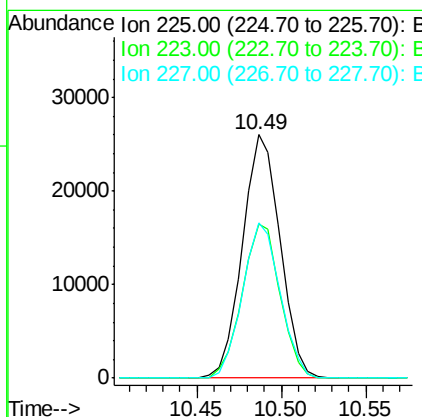
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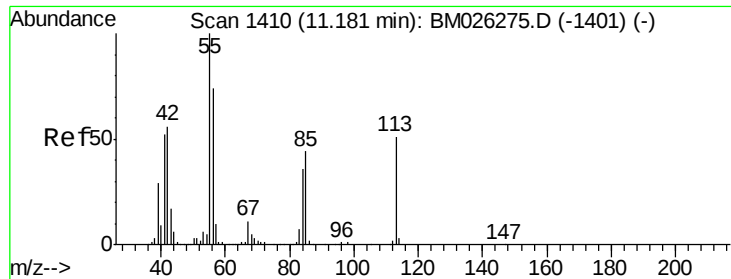
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 9.263 ng  
RT: 10.49 min Scan# 1292  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.4  | 50.2  | 75.4  |
| 227     | 63.9  | 49.5  | 74.3  |





#35

Caprolactam

Concen: 10.199 ng

RT: 11.10 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:113 Resp: 22587

Ion Ratio Lower Upper

113 100

55 176.1 177.1 217.1#

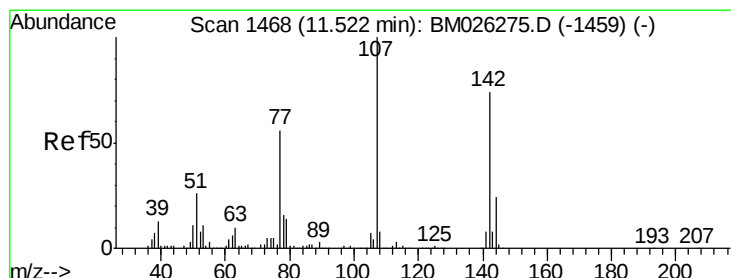
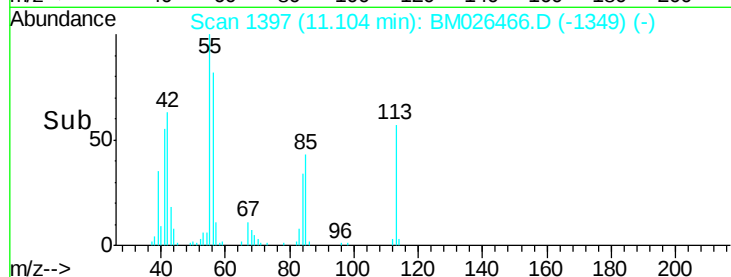
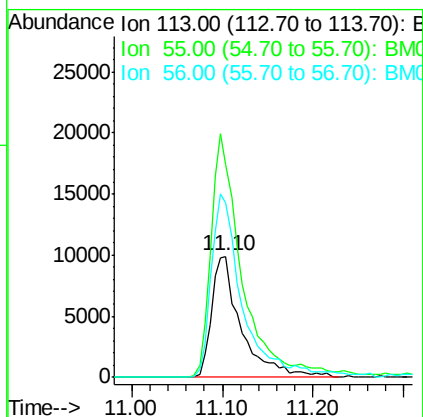
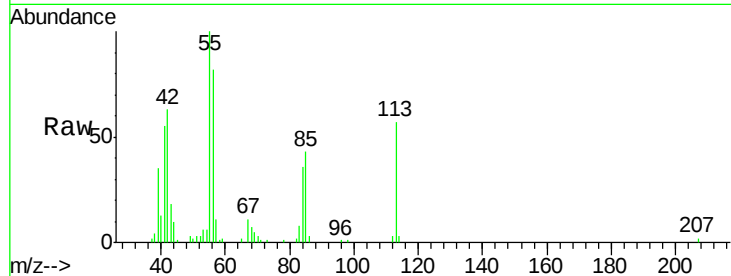
56 144.2 134.8 174.8

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#36

4-Chloro-3-methylphenol

Concen: 9.116 ng

RT: 11.46 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

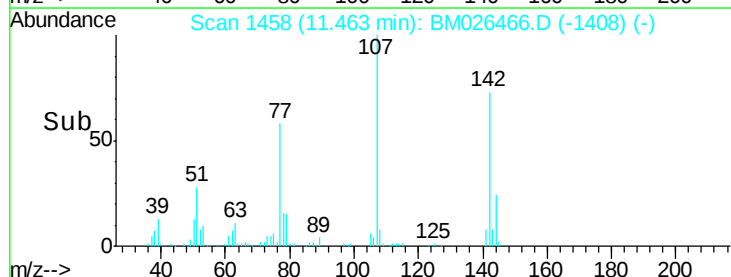
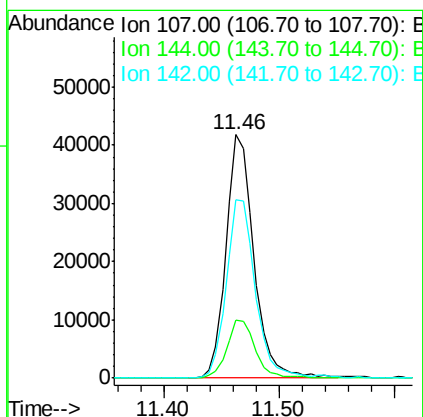
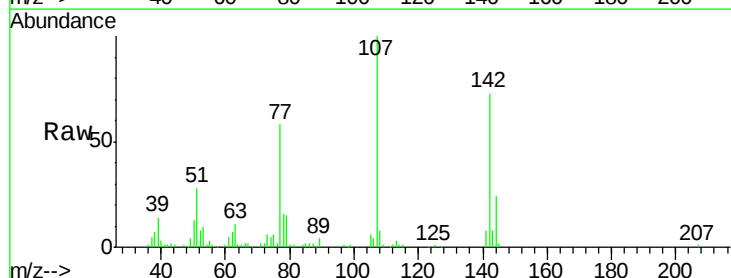
Tgt Ion:107 Resp: 70021

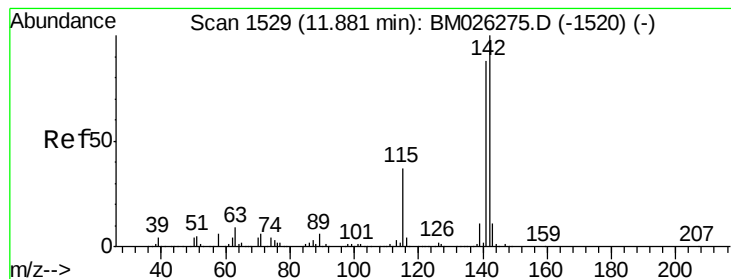
Ion Ratio Lower Upper

107 100

144 23.9 18.7 28.1

142 73.1 57.7 86.5





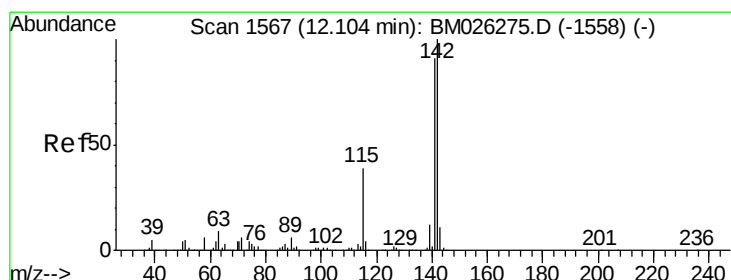
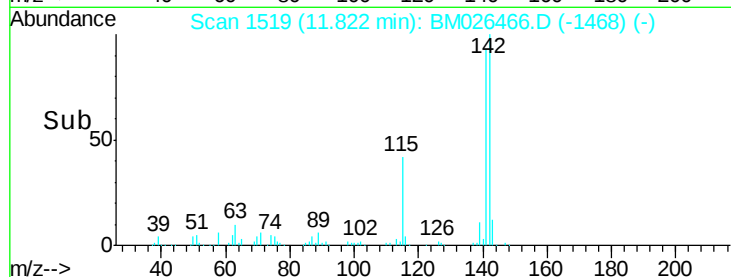
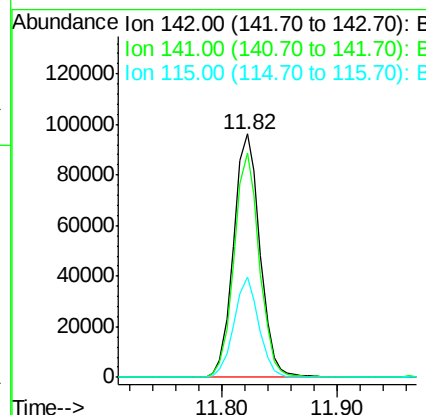
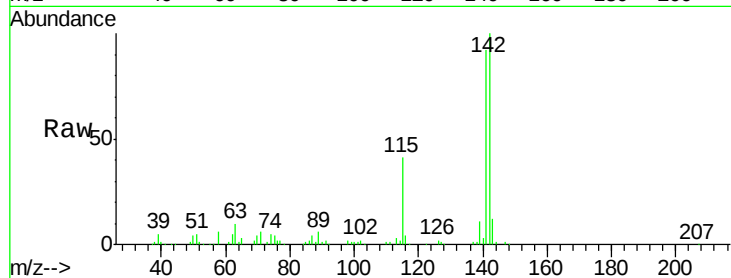
#37  
2-Methylnaphthalene  
Concen: 9.865 ng  
RT: 11.82 min Scan# 1519  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.0  | 70.5  | 105.7 |
| 115     | 41.4  | 30.2  | 45.4  |

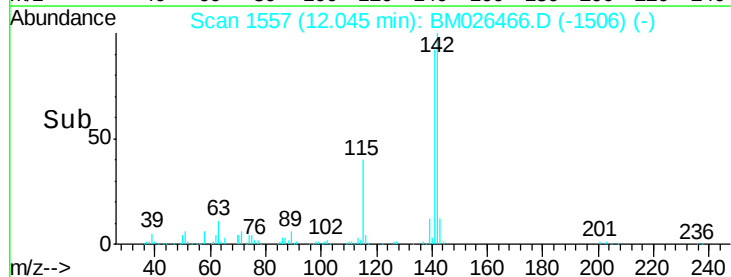
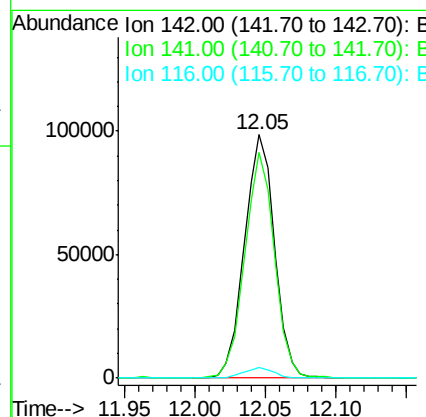
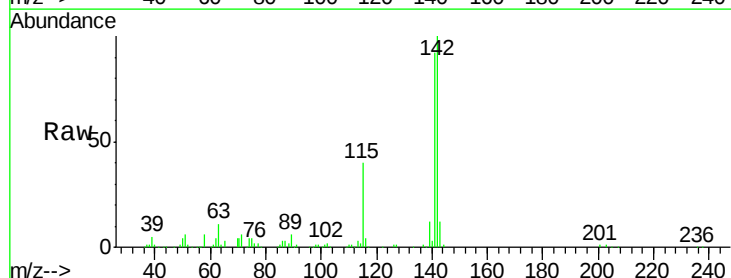
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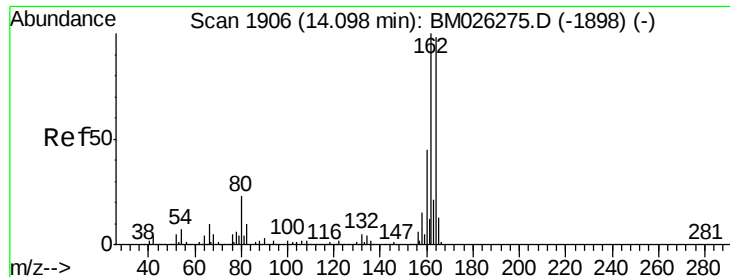
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 10.037 ng  
RT: 12.05 min Scan# 1557  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.5  | 73.3  | 109.9 |
| 116     | 4.1   | 3.4   | 5.0   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.05 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:164 Resp: 292679

Ion Ratio Lower Upper

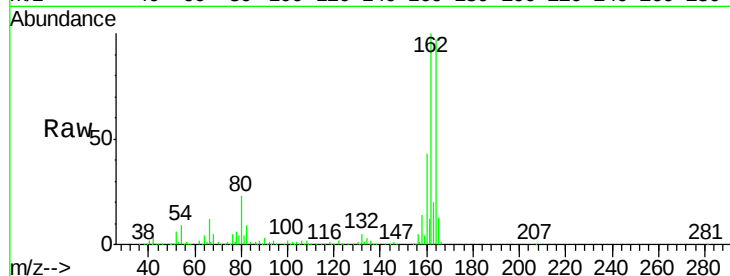
164 100

162 103.0 77.7 116.5

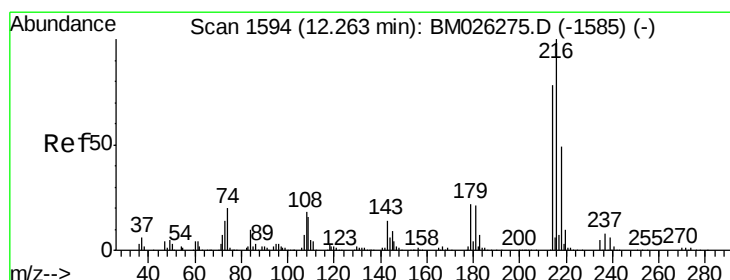
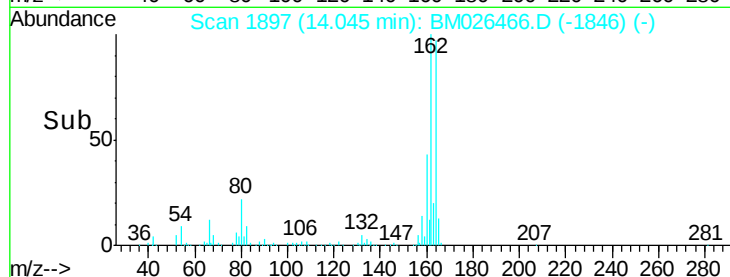
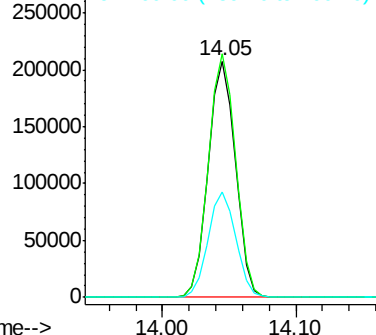
160 44.7 34.2 51.2

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Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.022 ng

RT: 12.20 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Tgt Ion:216 Resp: 83494

Ion Ratio Lower Upper

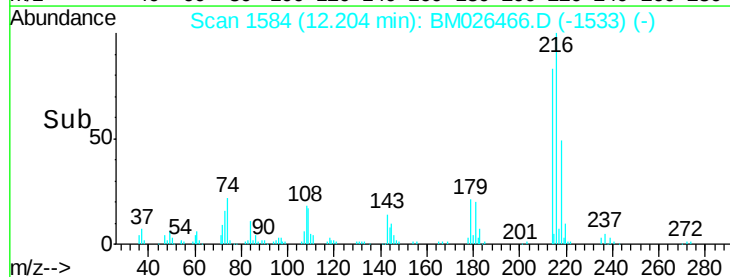
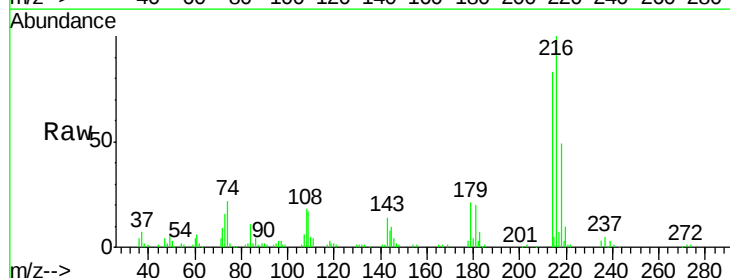
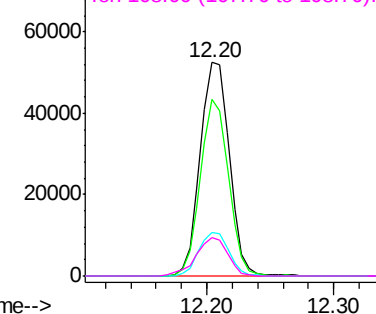
216 100

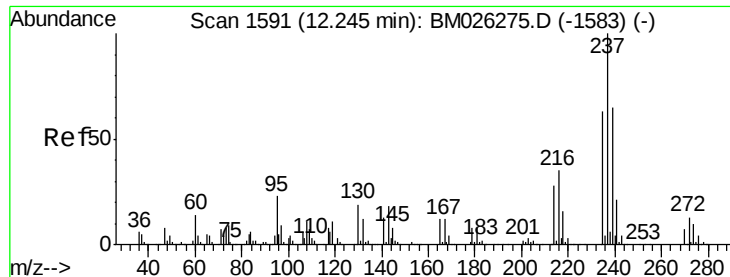
214 79.4 61.9 92.9

179 21.1 16.3 24.5

108 19.5 15.3 22.9

Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E





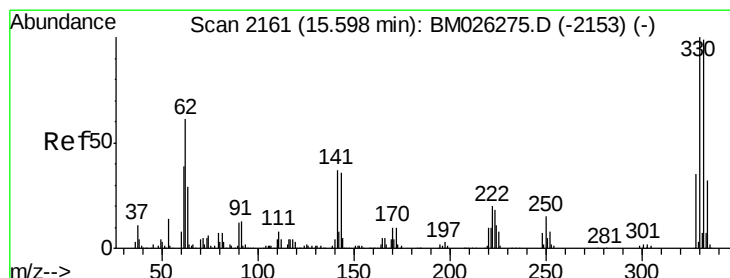
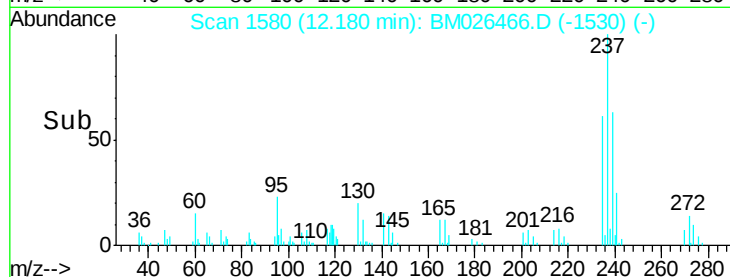
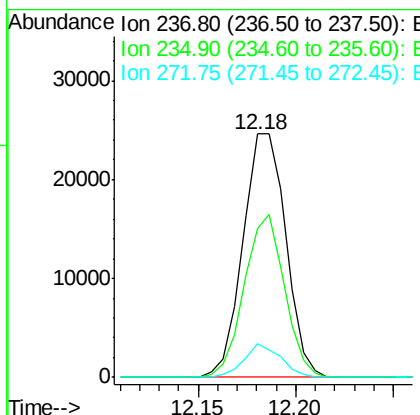
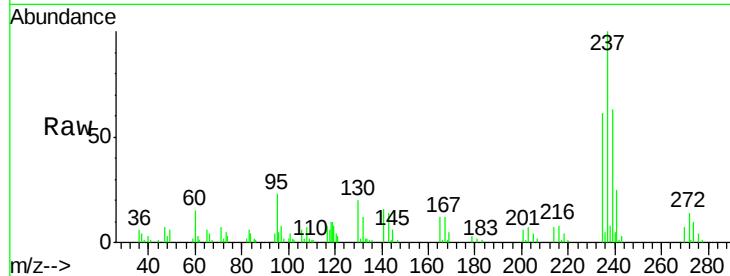
#41  
Hexachlorocyclopentadiene  
Concen: 7.632 ng  
RT: 12.18 min Scan# 1580  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 37471 |       |       |
| 235     | 61.4  | 42.1  | 82.1  |       |
| 272     | 13.7  | 0.0   | 33.5  |       |

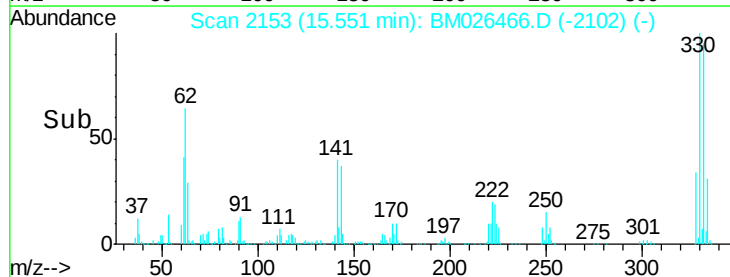
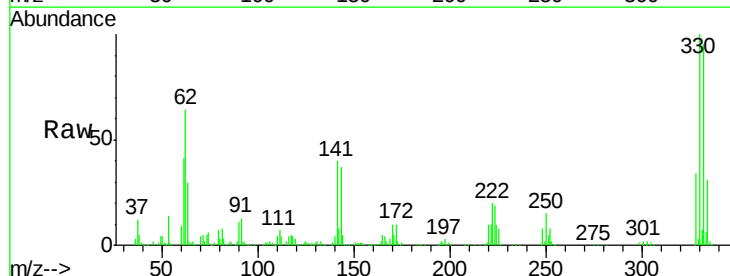
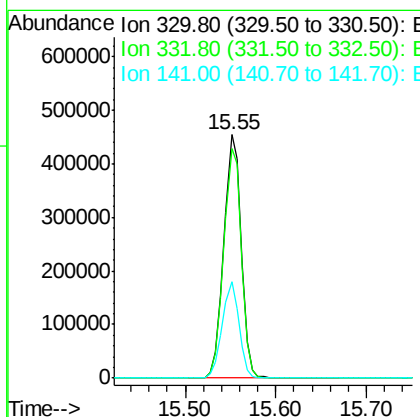
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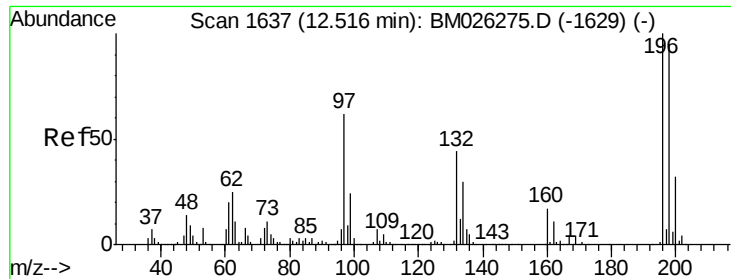
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#42  
2,4,6-Tribromophenol  
Concen: 169.094 ng  
RT: 15.55 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 599501 |       |       |
| 332     | 96.1  | 77.7   | 116.5 |       |
| 141     | 38.1  | 29.7   | 44.5  |       |





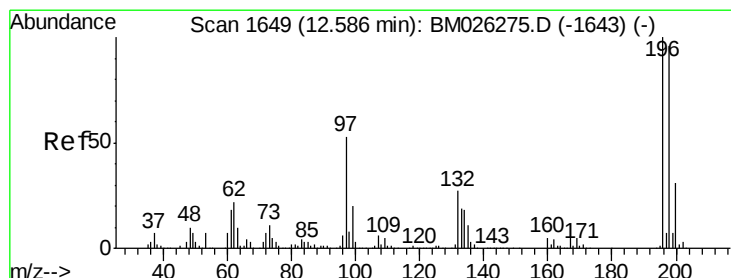
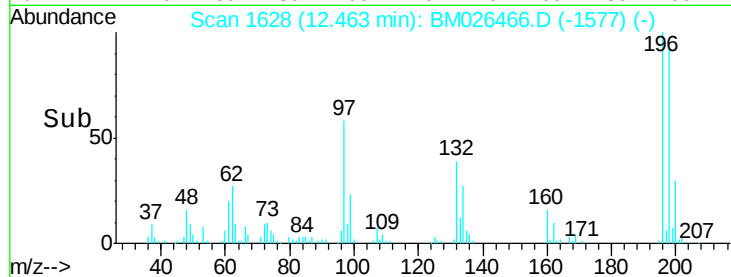
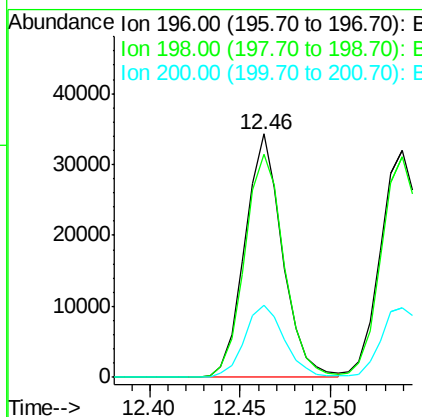
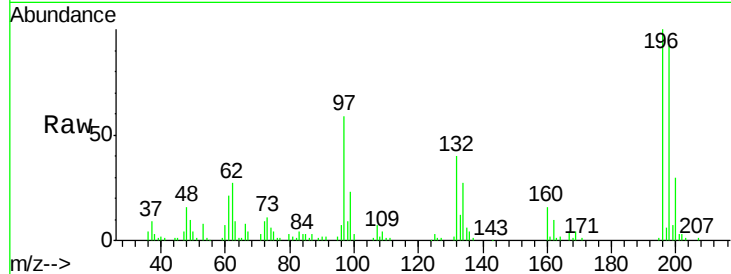
#43  
2,4,6-Trichlorophenol  
Concen: 8.791 ng  
RT: 12.46 min Scan# 1628  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 49576 |       |       |
| 198     | 91.5  | 79.0  | 118.4 |       |
| 200     | 29.5  | 25.2  | 37.8  |       |

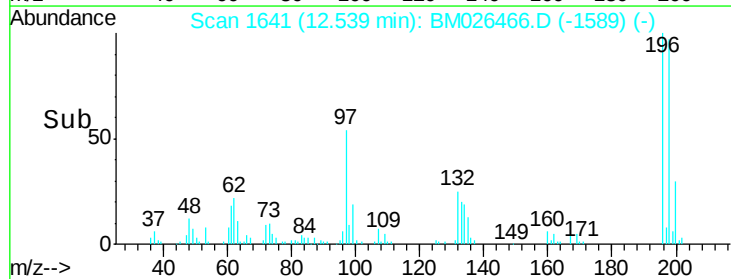
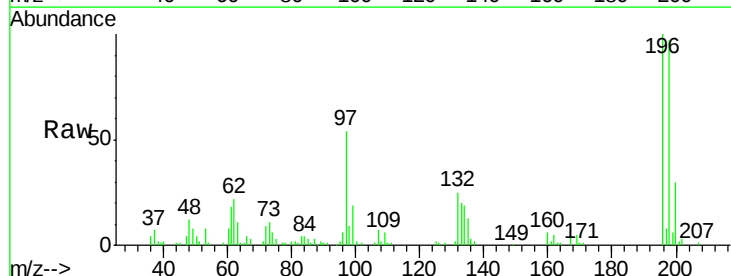
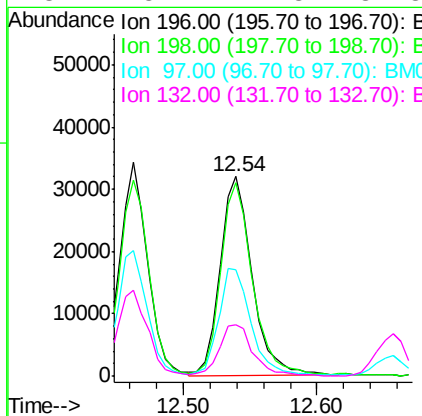
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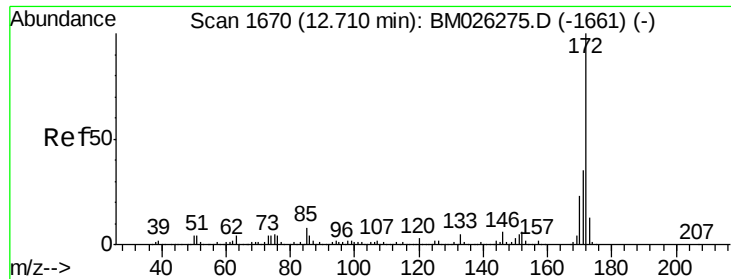
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#44  
2,4,5-Trichlorophenol  
Concen: 8.204 ng  
RT: 12.54 min Scan# 1641  
Delta R.T. 0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 53698 |       |       |
| 198     | 97.0  | 77.1  | 115.7 |       |
| 97      | 53.5  | 43.0  | 64.4  |       |
| 132     | 25.4  | 21.8  | 32.8  |       |





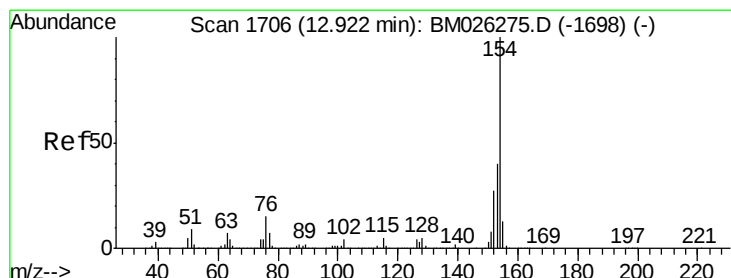
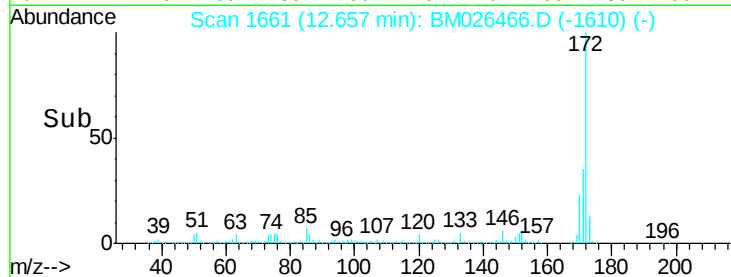
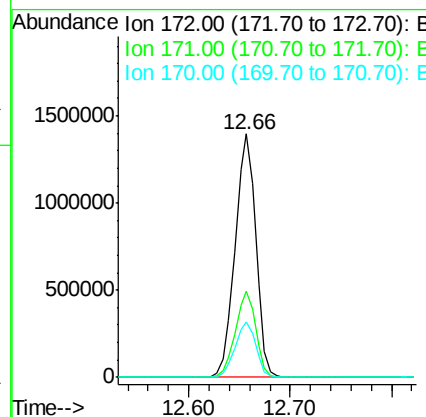
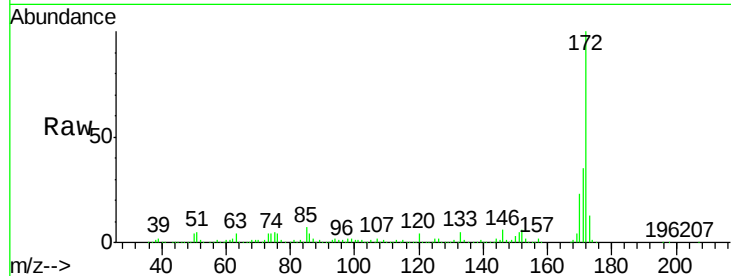
#45  
2-Fluorobiphenyl  
Concen: 102.351 ng  
RT: 12.66 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.2  | 27.8  | 41.8  |
| 170     | 22.7  | 18.2  | 27.4  |

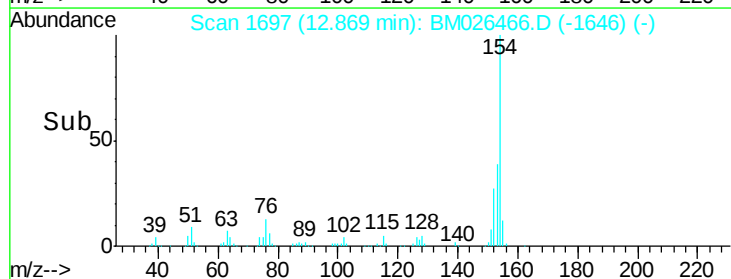
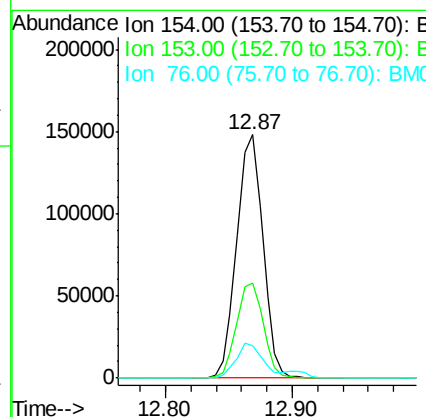
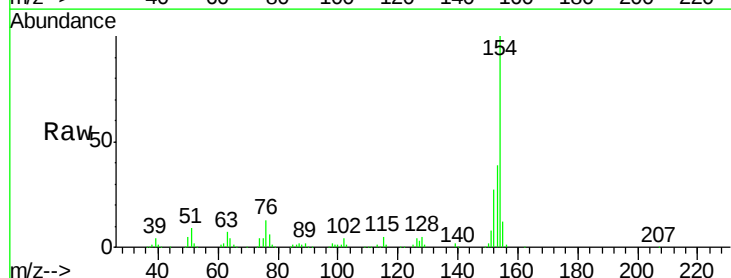
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#46  
1,1'-Biphenyl  
Concen: 10.340 ng  
RT: 12.87 min Scan# 1697  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.0  | 20.0  | 60.0  |
| 76      | 13.2  | 0.0   | 34.6  |





#47

2-Chloronaphthalene

Concen: 9.230 ng

RT: 12.90 min Scan# 1703

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

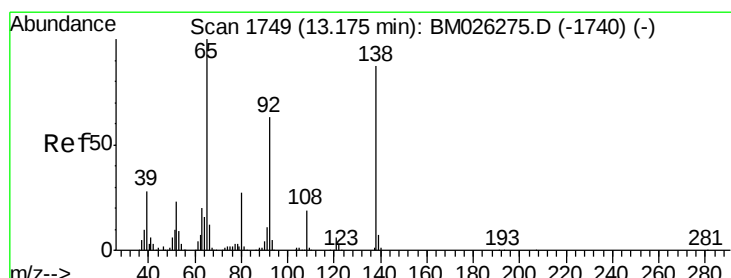
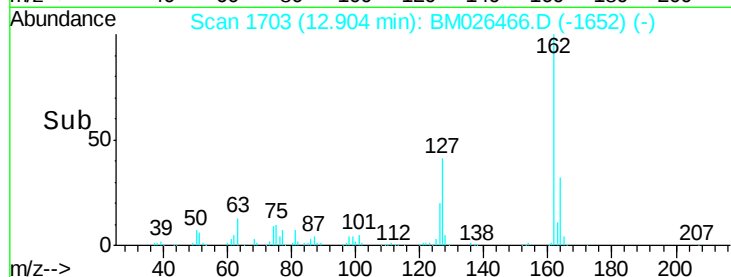
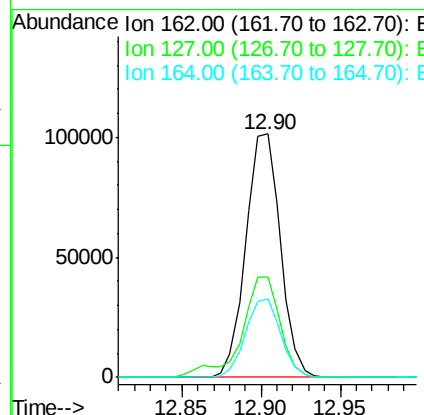
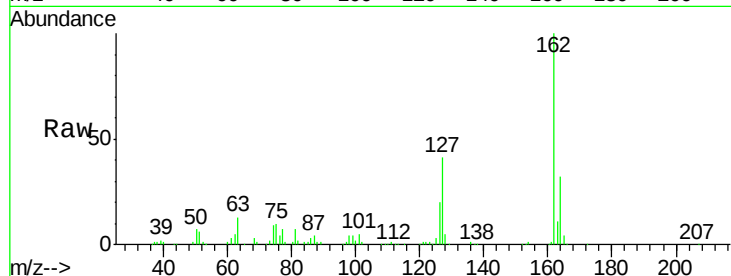
ClientSampleId :

LOQ-SOIL-02-QT1-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 153834 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.2  | 34.0  | 51.0   |
| 164       | 32.2  | 26.3  | 39.5   |

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#48

2-Nitroaniline

Concen: 8.226 ng

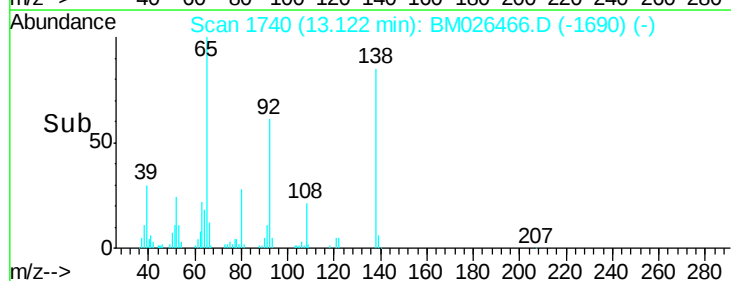
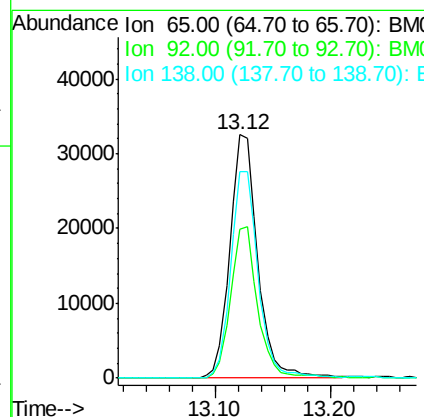
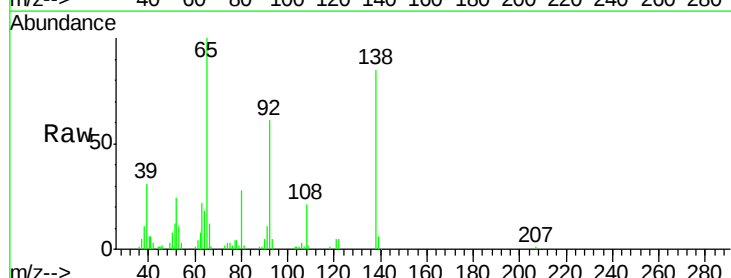
RT: 13.12 min Scan# 1740

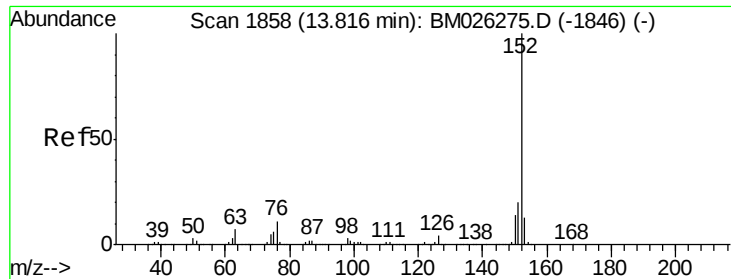
Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 54337 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 61.1  | 50.6  | 76.0  |
| 138       | 85.0  | 71.6  | 107.4 |





#49

Acenaphthylene

Concen: 9.440 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

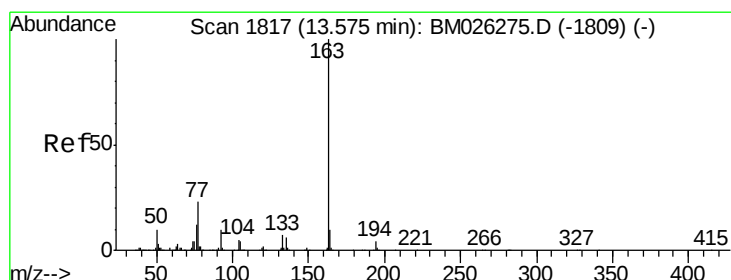
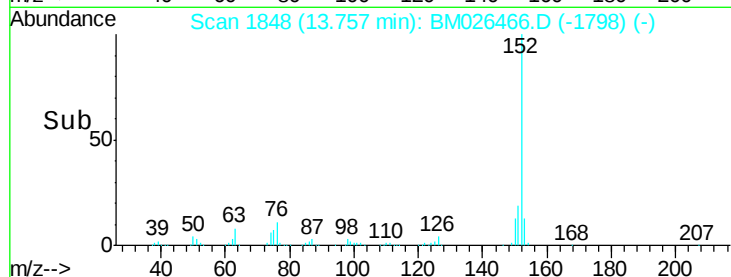
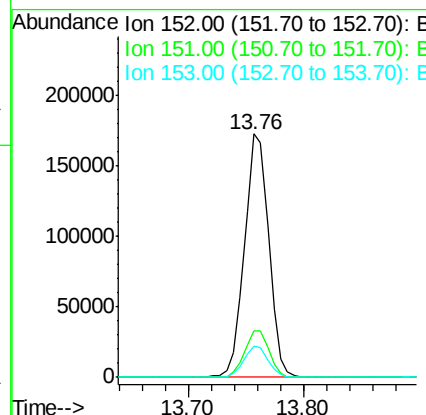
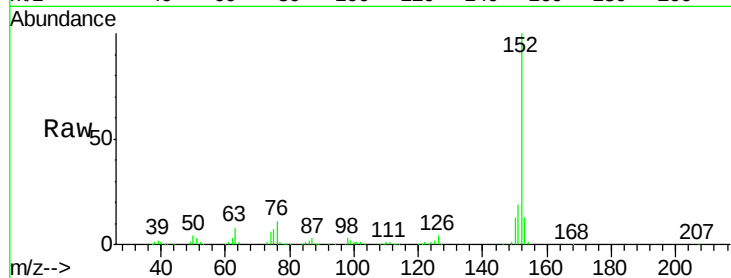
ClientSampleId :

LOQ-SOIL-02-QT1-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 251644 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.3  | 15.8  | 23.6   |
| 153       | 13.0  | 10.1  | 15.1   |

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#50

Dimethylphthalate

Concen: 9.623 ng

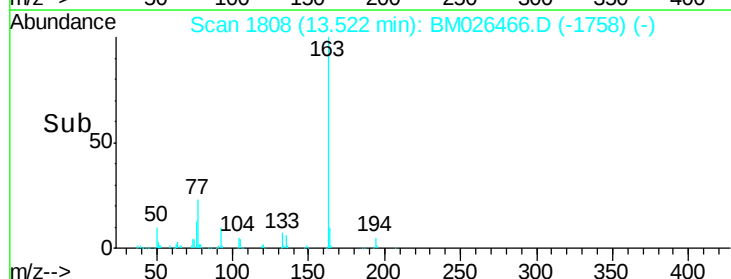
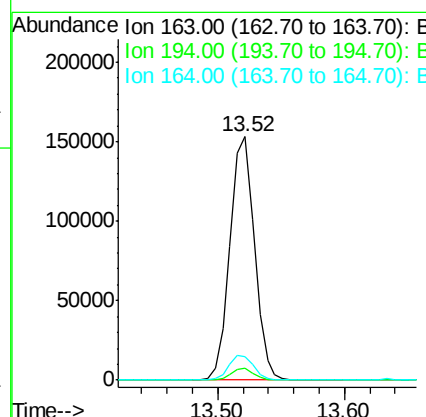
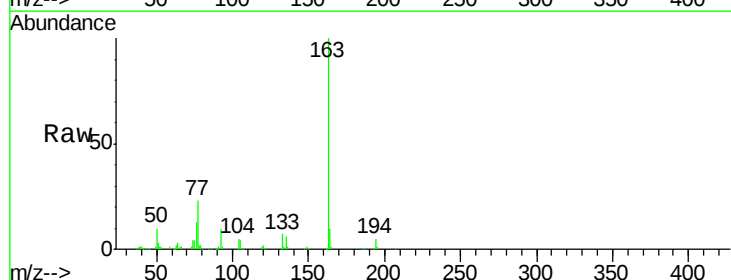
RT: 13.52 min Scan# 1808

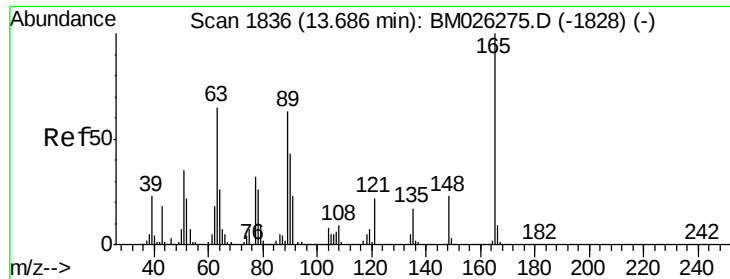
Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 206012 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.7   | 3.4   | 5.2    |
| 164       | 9.9   | 7.8   | 11.8   |





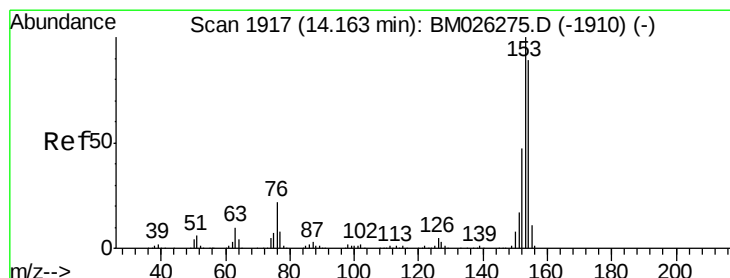
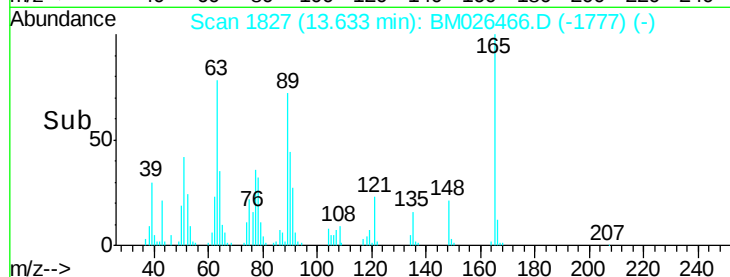
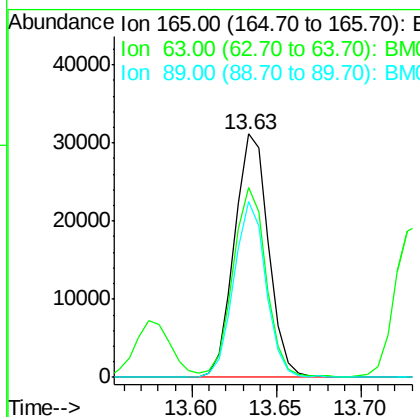
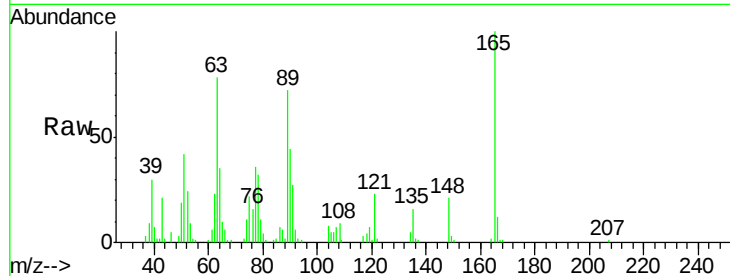
#51  
2,6-Dinitrotoluene  
Concen: 9.312 ng  
RT: 13.63 min Scan# 1827  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 77.9  | 54.3  | 81.5  |
| 89      | 72.0  | 51.5  | 77.3  |

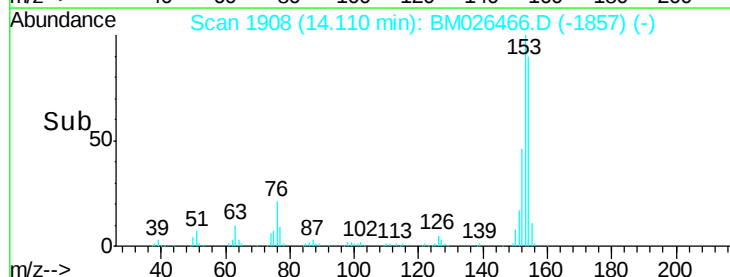
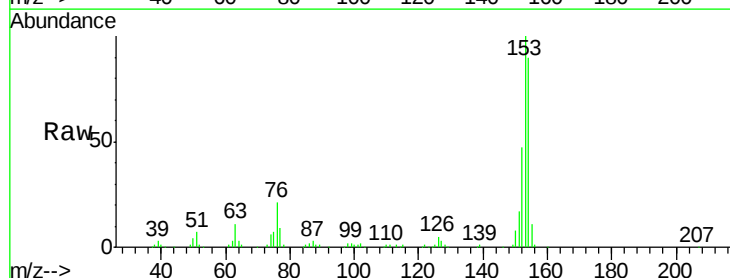
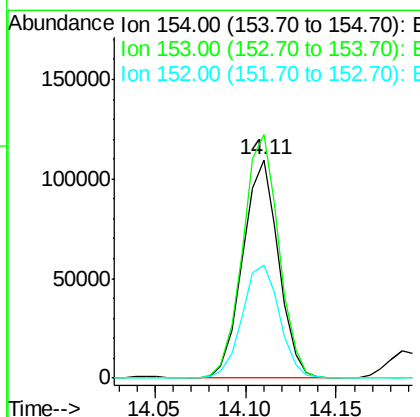
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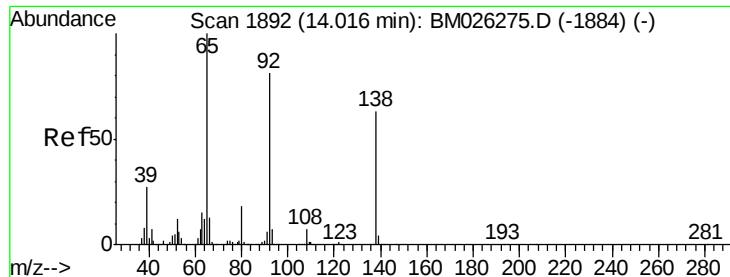
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#52  
Acenaphthene  
Concen: 9.359 ng  
RT: 14.11 min Scan# 1908  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.7 | 88.6  | 132.8 |
| 152     | 52.0  | 42.0  | 63.0  |





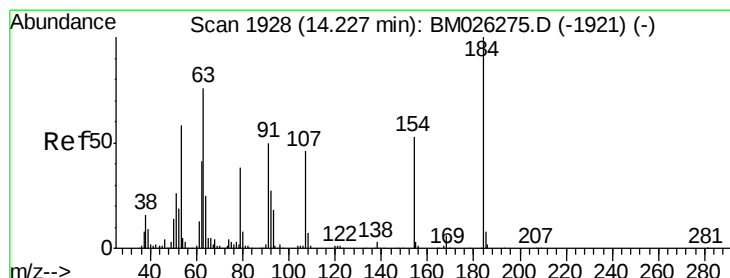
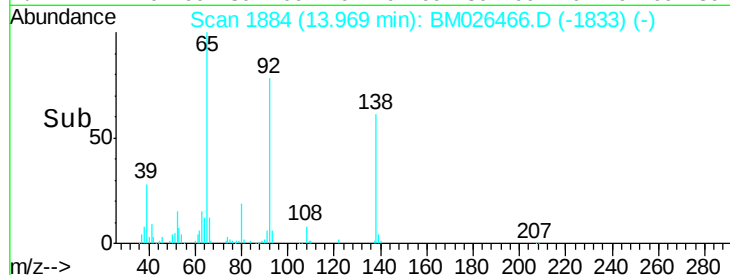
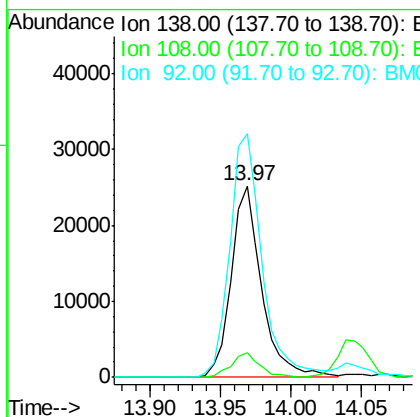
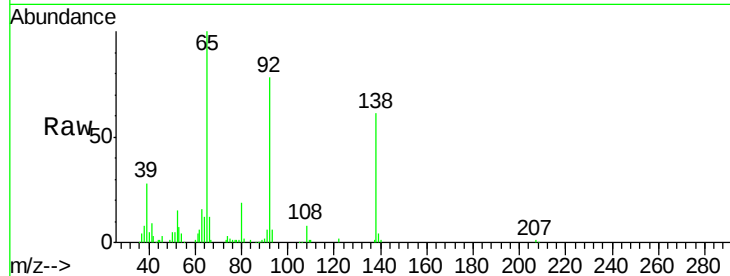
#53  
3-Nitroaniline  
Concen: 7.269 ng  
RT: 13.97 min Scan# 1884  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.8  | 9.4   | 14.0  |
| 92      | 127.3 | 105.4 | 158.2 |

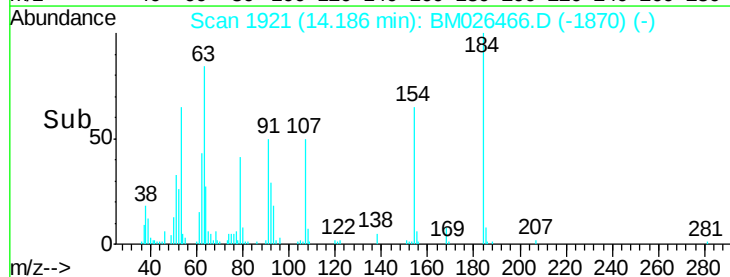
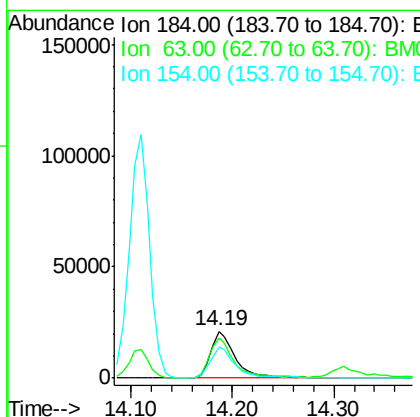
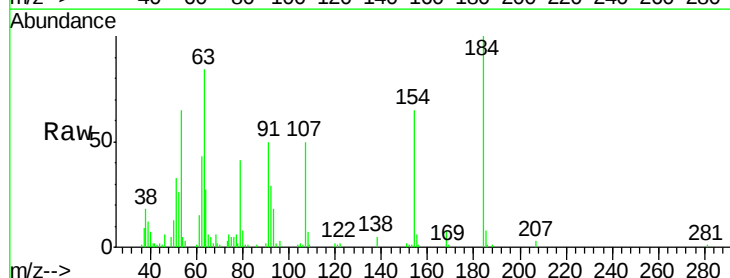
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#54  
2,4-Dinitrophenol  
Concen: 12.685 ng  
RT: 14.19 min Scan# 1921  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 84.4  | 61.8  | 92.6  |
| 154     | 65.4  | 53.1  | 79.7  |





#55

Dibenzofuran

Concen: 9.550 ng

RT: 14.45 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

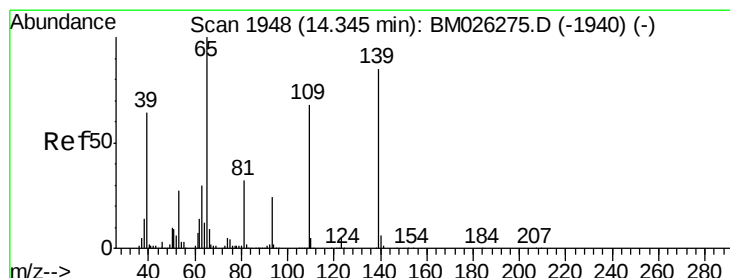
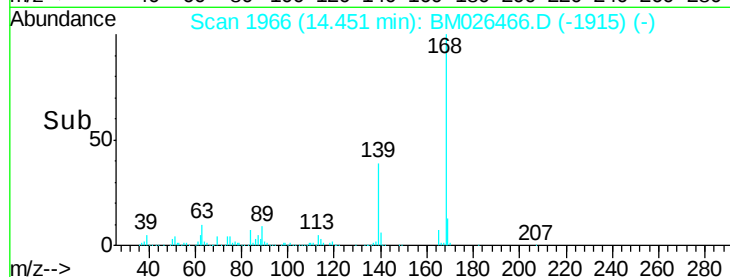
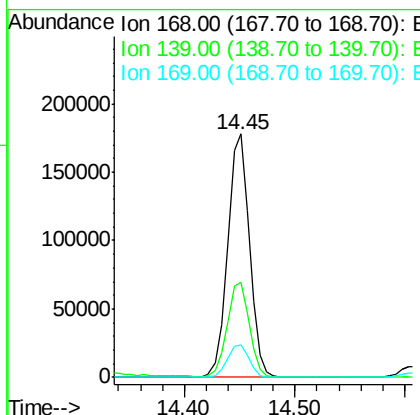
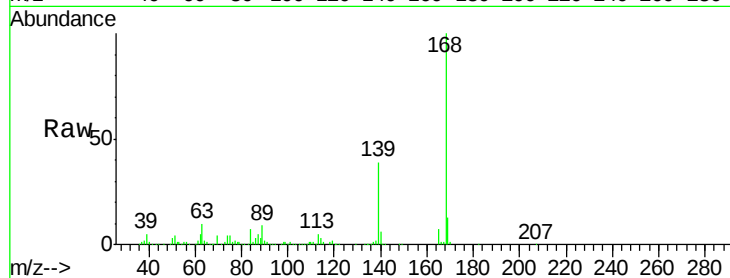
ClientSampleId :

LOQ-SOIL-02-QT1-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 246258 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 39.1  | 31.4  | 47.0   |
| 169       | 13.3  | 10.7  | 16.1   |

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#56

4-Nitrophenol

Concen: 6.387 ng

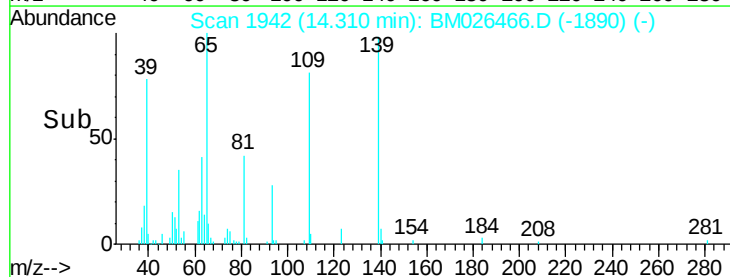
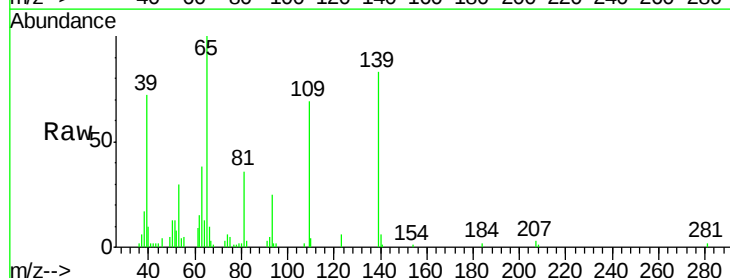
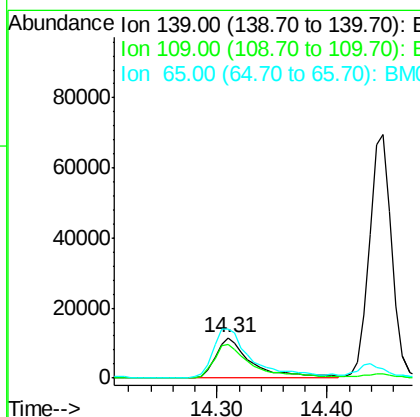
RT: 14.31 min Scan# 1942

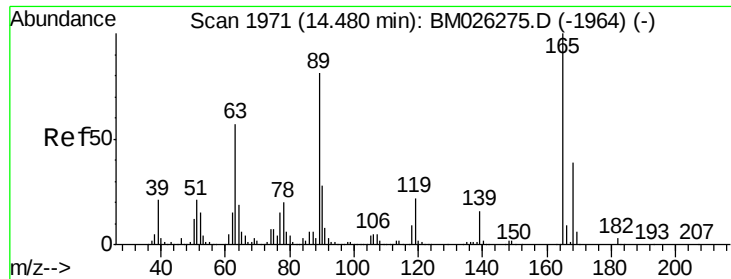
Delta R.T. 0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 26495 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 83.2  | 64.9  | 104.9 |
| 65        | 120.1 | 98.1  | 138.1 |





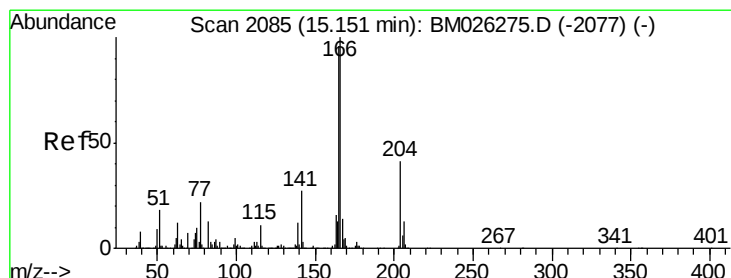
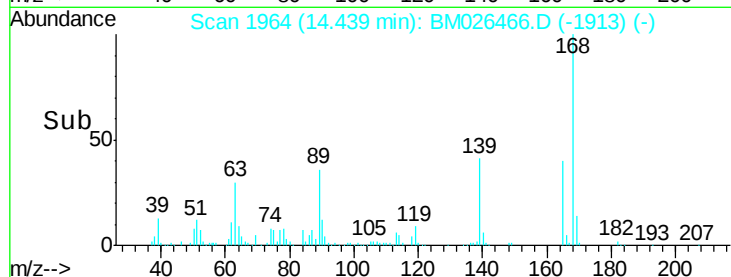
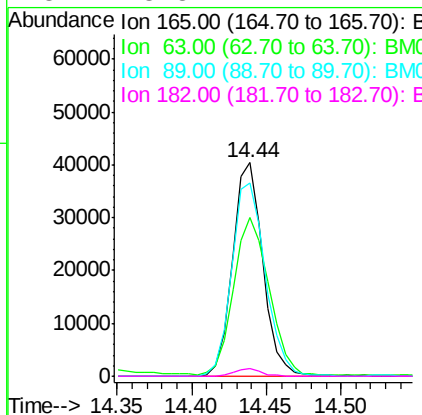
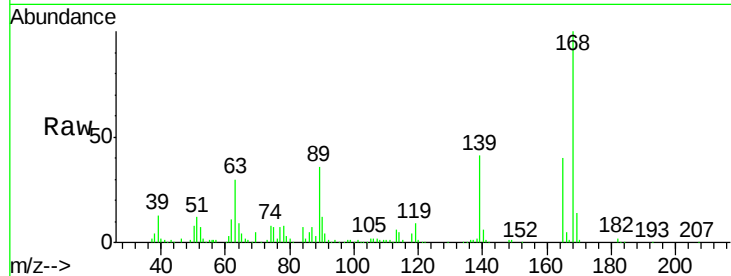
#57  
 2,4-Dinitrotoluene  
 Concen: 8.800 ng  
 RT: 14.44 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 74.4  | 48.1  | 72.1  |
| 89      | 90.3  | 65.6  | 98.4  |
| 182     | 3.8   | 2.7   | 4.1   |

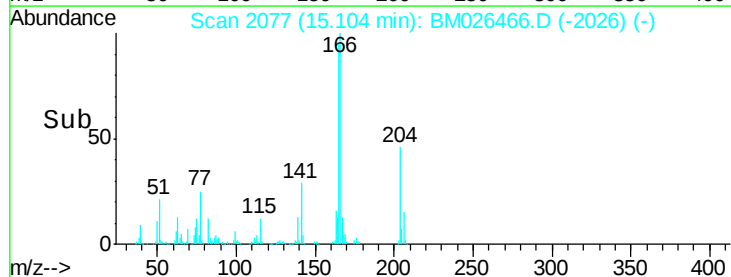
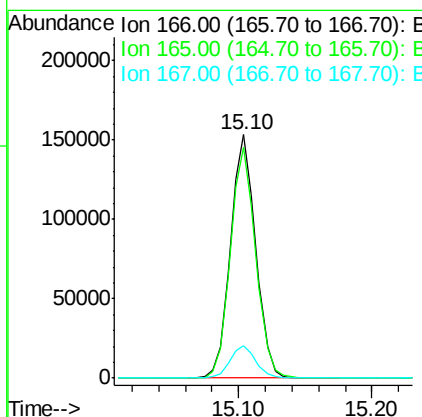
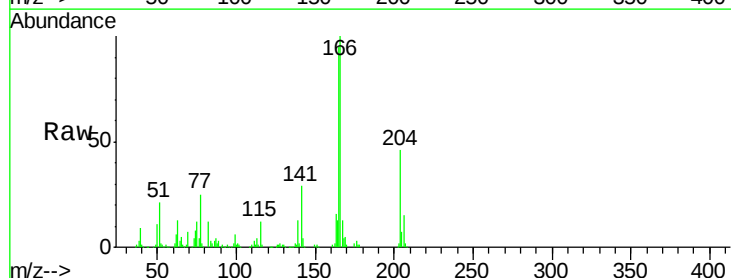
Manual Integrations  
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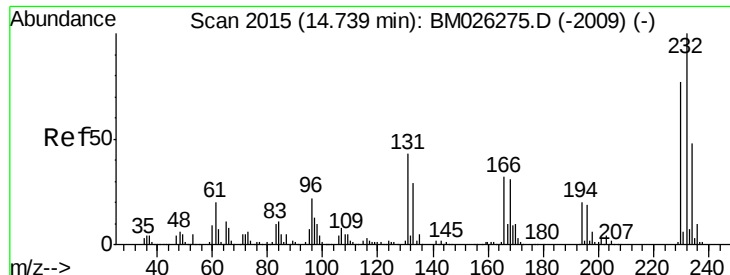
mohammad  
 6/22/2020 3:23:17 PM



#58  
 Fluorene  
 Concen: 9.633 ng  
 RT: 15.10 min Scan# 2077  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 94.7  | 77.5  | 116.3 |
| 167     | 13.3  | 10.9  | 16.3  |





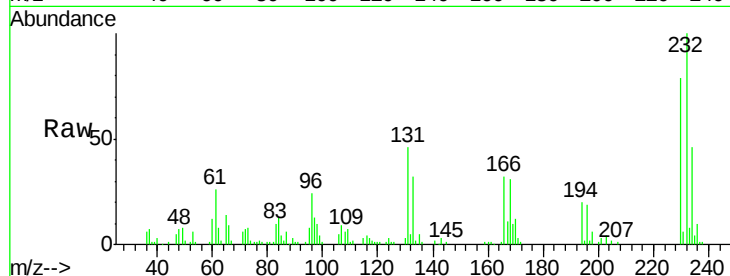
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 8.969 ng  
 RT: 14.69 min Scan# 2006  
 Delta R.T. -0.01 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2020

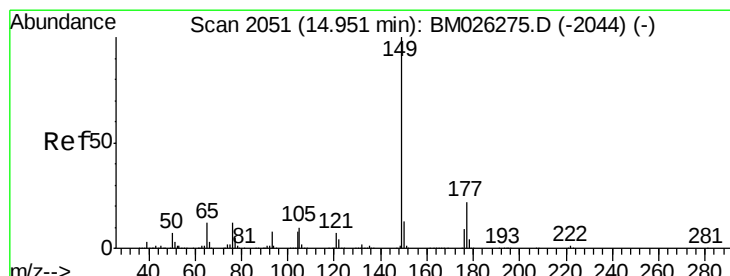
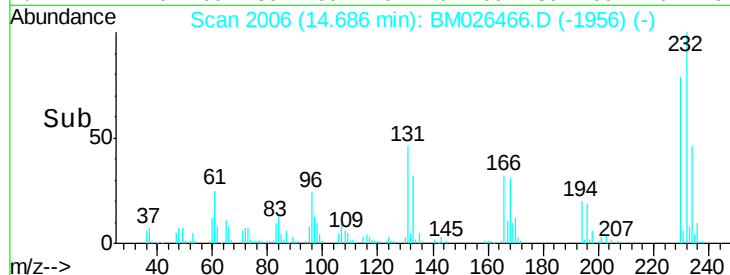
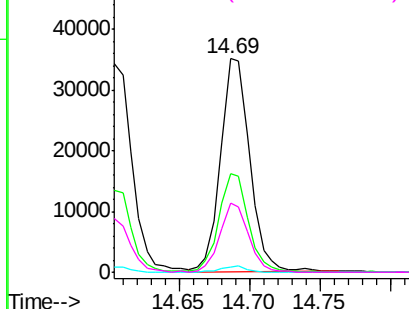
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 232   | Resp: | 50215 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 47.2  | 36.4  | 54.6  |
| 130       | 2.6   | 2.0   | 3.0   |
| 166       | 31.8  | 24.8  | 37.2  |

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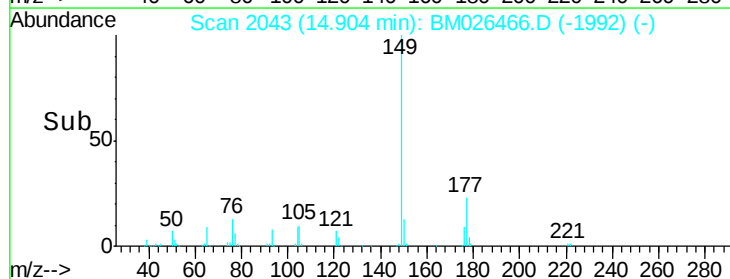
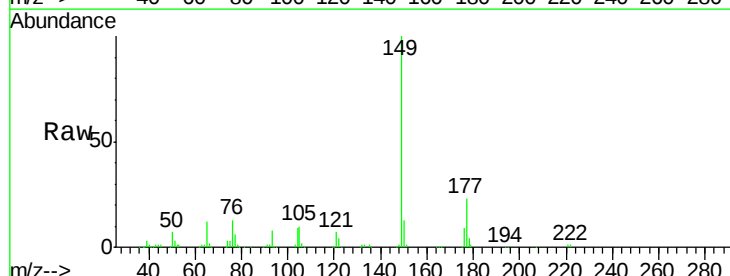
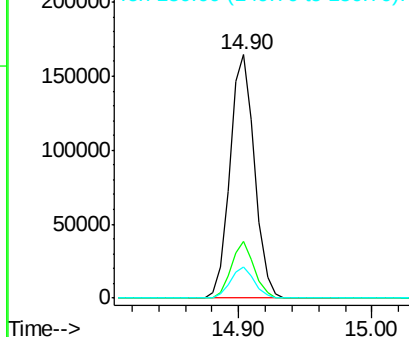
Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

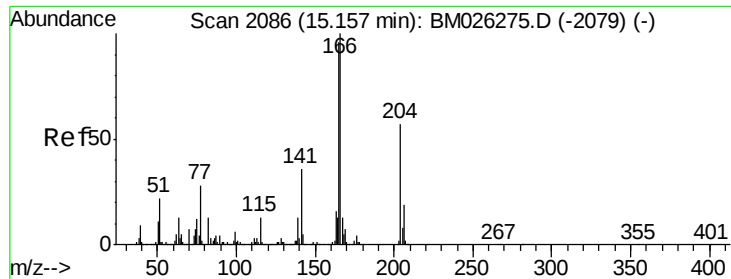


#60  
 Diethylphthalate  
 Concen: 9.677 ng  
 RT: 14.90 min Scan# 2043  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 211000 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 23.5  | 17.6  | 26.4   |
| 150       | 12.9  | 9.9   | 14.9   |

Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E





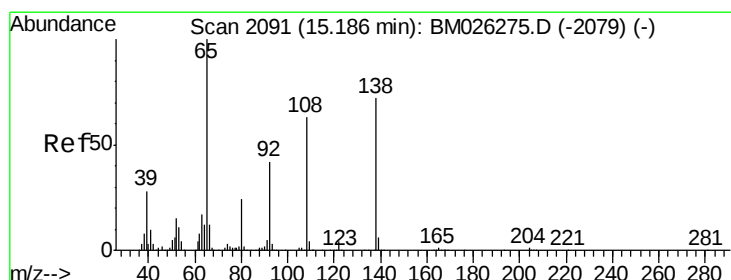
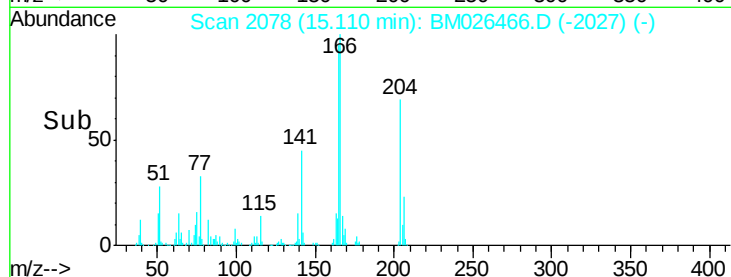
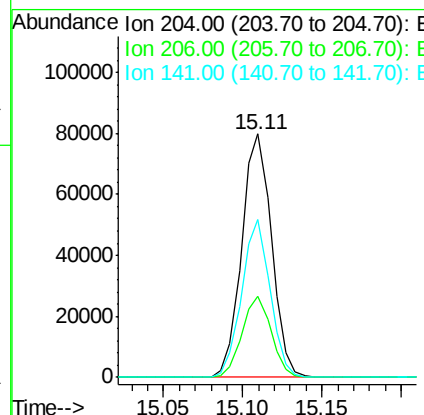
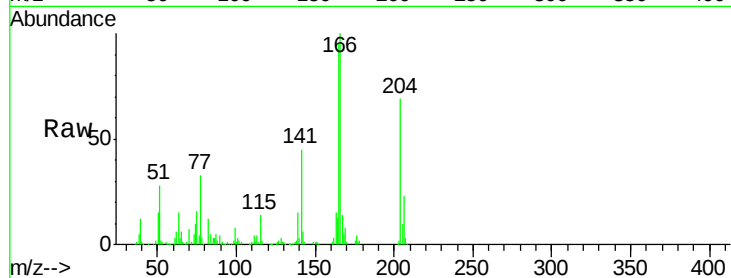
#61  
4-Chlorophenyl-phenylether  
Concen: 9.372 ng  
RT: 15.11 min Scan# 2078  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 104110 |       |       |
| 206     | 33.5  | 26.6   | 40.0  |       |
| 141     | 64.6  | 49.4   | 74.2  |       |

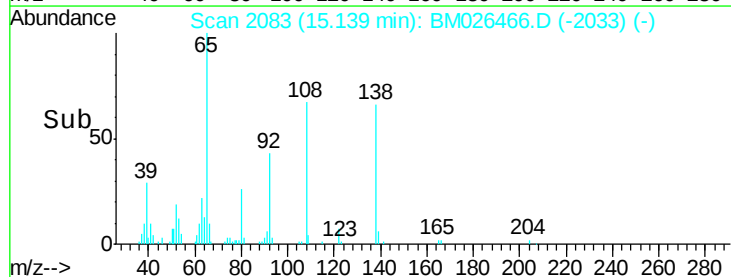
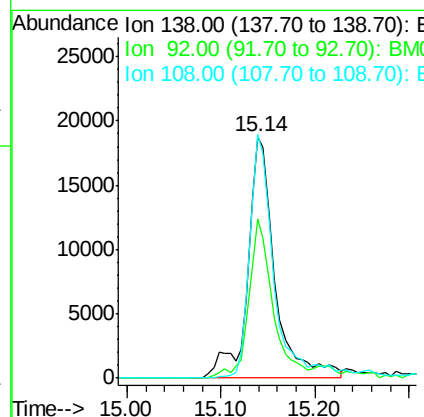
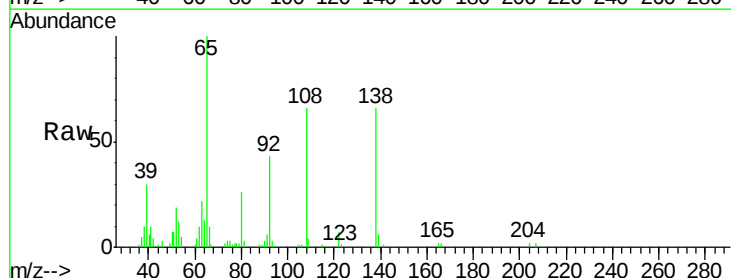
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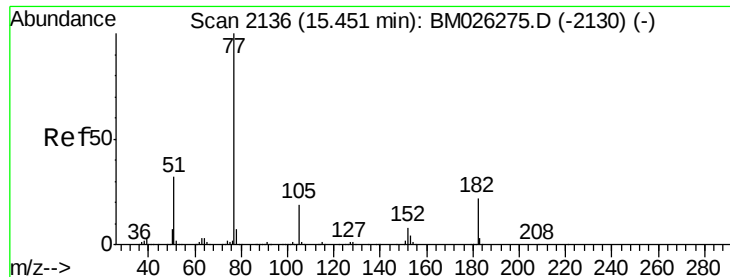
mohammad  
6/22/2020 3:23:17 PM



#62  
4-Nitroaniline  
Concen: 6.744 ng m  
RT: 15.14 min Scan# 2083  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 37624 |       |       |
| 92      | 65.7  | 37.5  | 77.5  |       |
| 108     | 100.8 | 66.3  | 106.3 |       |





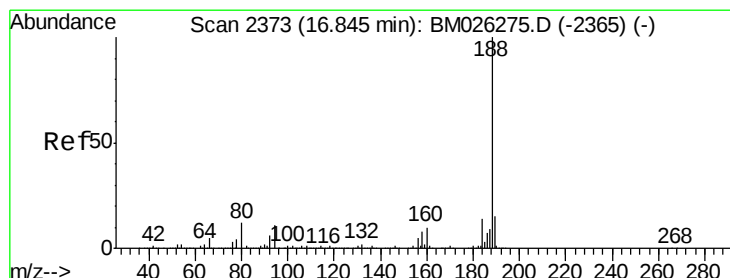
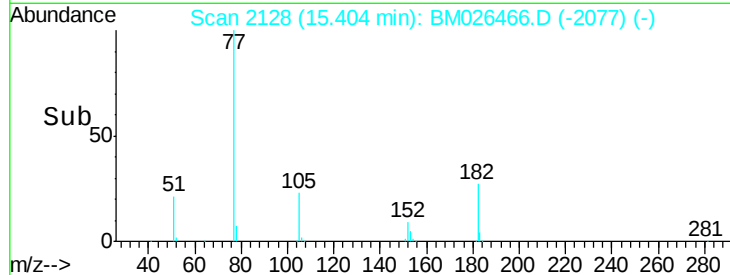
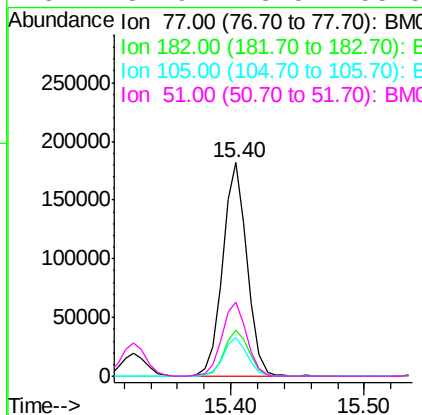
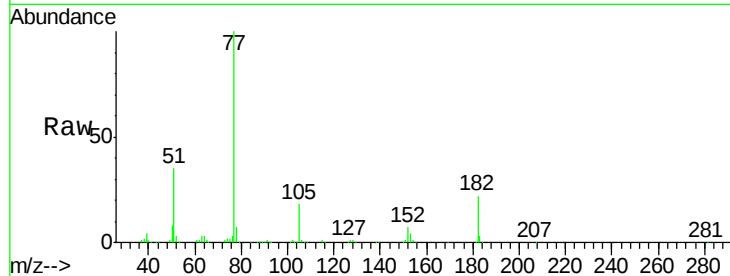
#63  
Azobenzene  
Concen: 9.783 ng  
RT: 15.40 min Scan# 2128  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 233400 |       |       |
| 182     | 21.6 | 2.1   | 42.1   |       |       |
| 105     | 18.1 | 0.0   | 38.3   |       |       |
| 51      | 34.9 | 13.5  | 53.5   |       |       |

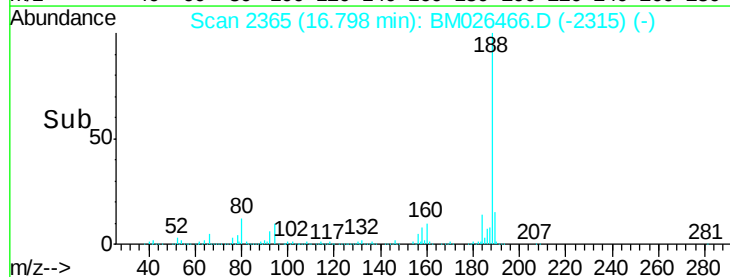
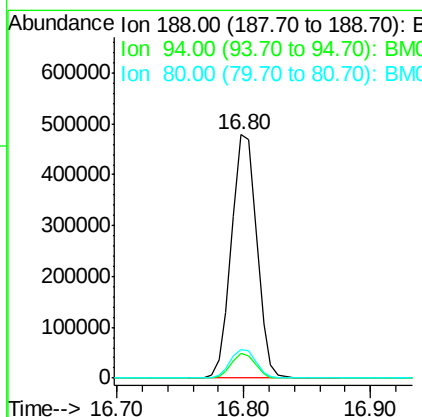
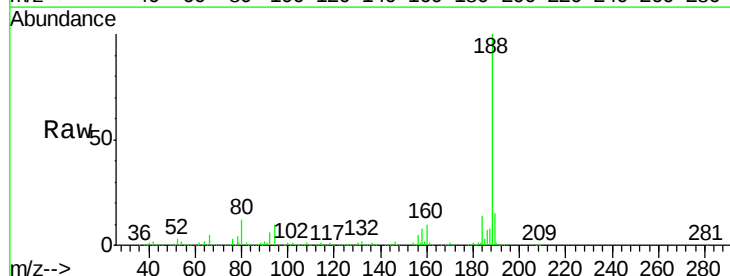
Manual Integrations  
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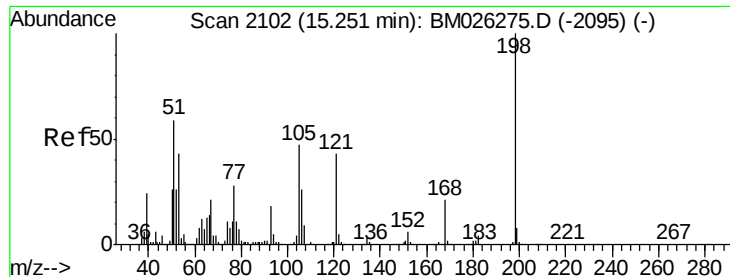
mohammad  
6/22/2020 3:23:17 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.80 min Scan# 2365  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 188     | 100  |       | 660833 |       |       |
| 94      | 10.1 | 7.8   | 11.6   |       |       |
| 80      | 11.9 | 9.5   | 14.3   |       |       |





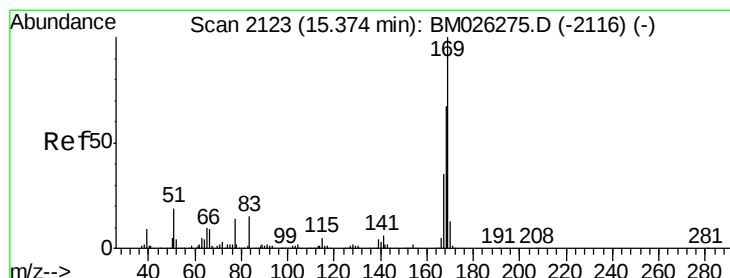
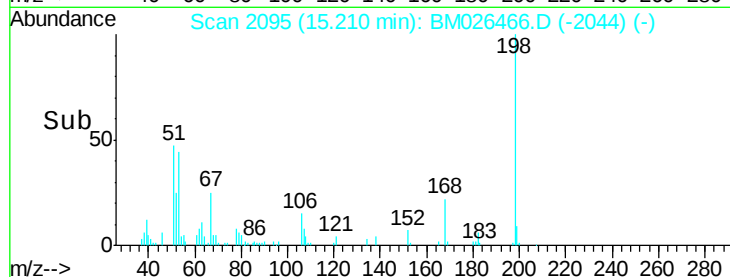
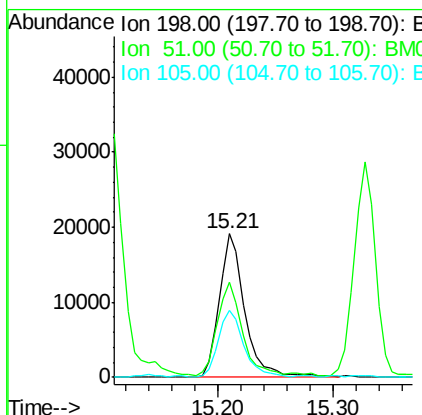
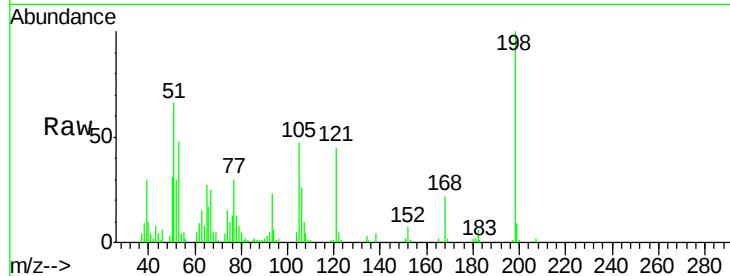
#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.255 ng  
RT: 15.21 min Scan# 2095  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 29156 |       |       |
| 51      | 66.1  | 35.6  | 75.6  |       |
| 105     | 47.0  | 24.3  | 64.3  |       |

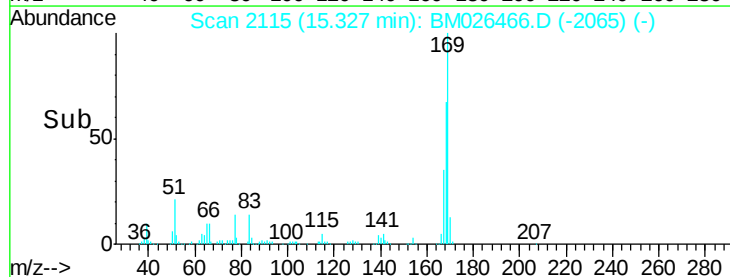
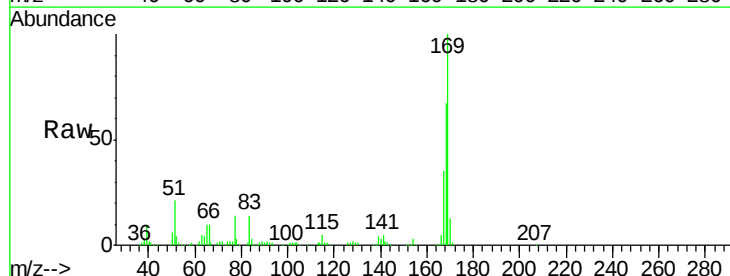
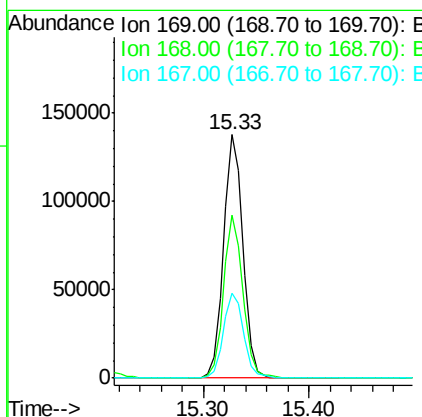
Manual Integrations  
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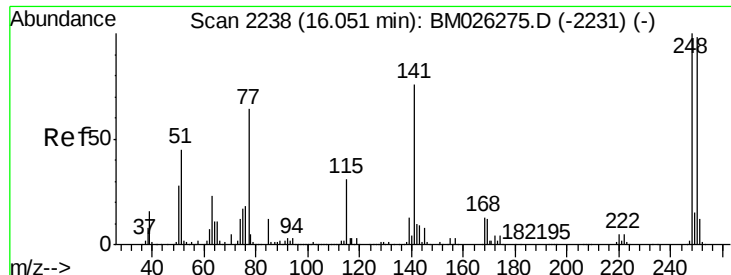
mohammad  
6/22/2020 3:23:17 PM



#66  
n-Nitrosodiphenylamine  
Concen: 9.198 ng  
RT: 15.33 min Scan# 2115  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 176092 |       |       |
| 168     | 66.9  | 51.6   | 77.4  |       |
| 167     | 35.0  | 28.2   | 42.4  |       |





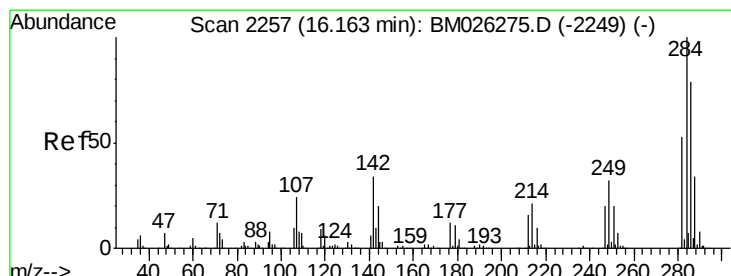
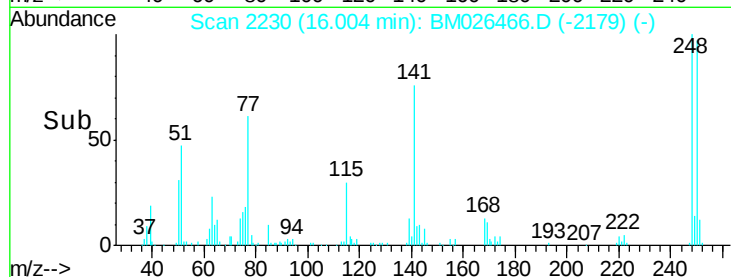
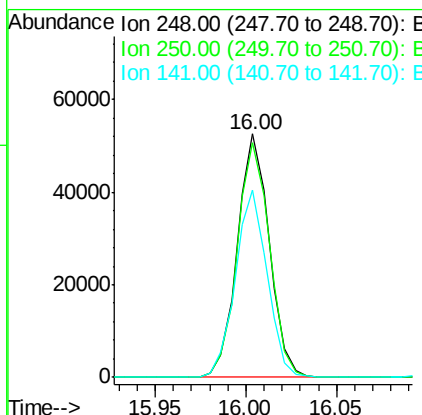
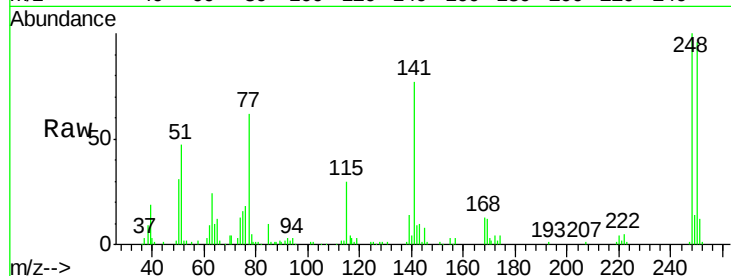
#67  
 4-Bromophenyl-phenylether  
 Concen: 8.835 ng  
 RT: 16.00 min Scan# 2230  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.2  | 78.4  | 117.6 |
| 141     | 76.7  | 60.6  | 91.0  |

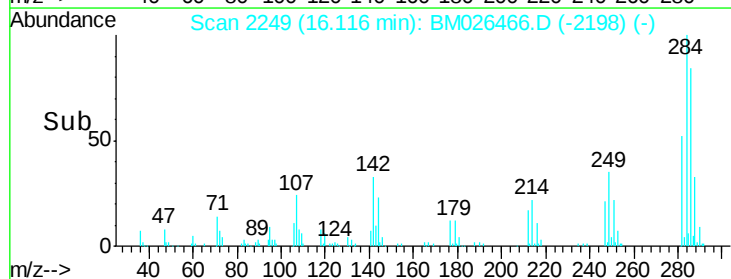
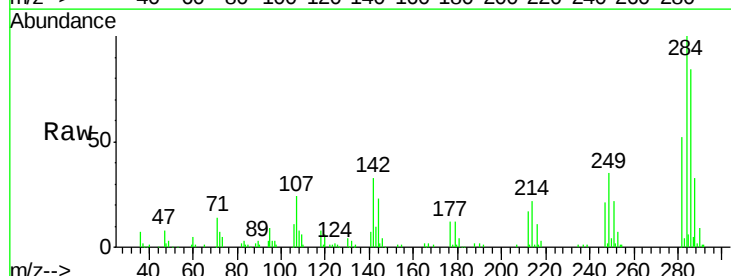
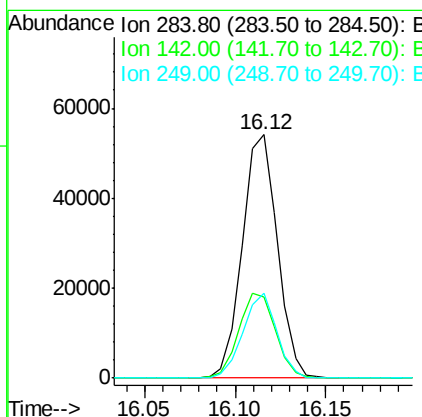
Manual Integrations  
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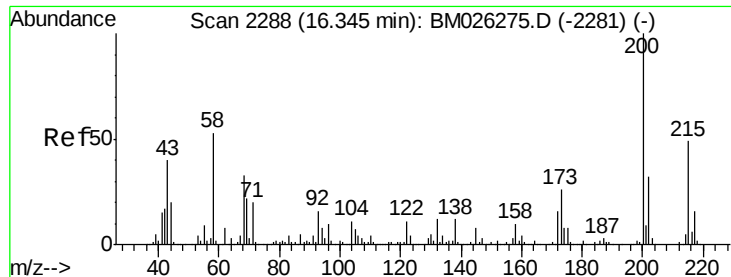
mohammad  
 6/22/2020 3:23:17 PM



#68  
 Hexachlorobenzene  
 Concen: 9.592 ng  
 RT: 16.12 min Scan# 2249  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.5  | 29.1  | 43.7  |
| 249     | 35.1  | 27.2  | 40.8  |





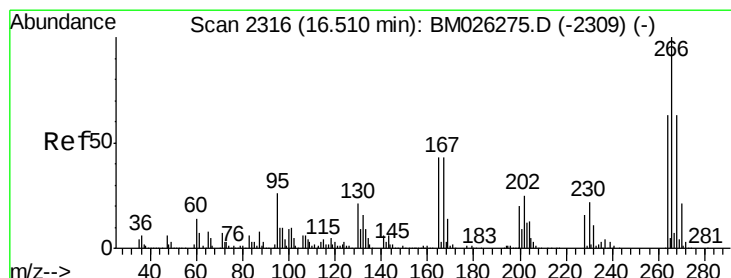
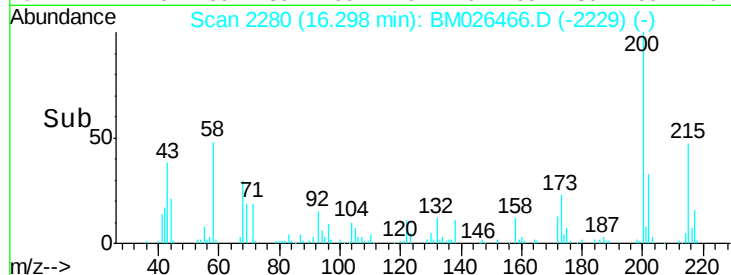
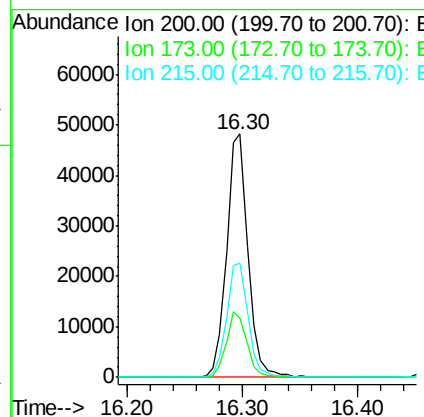
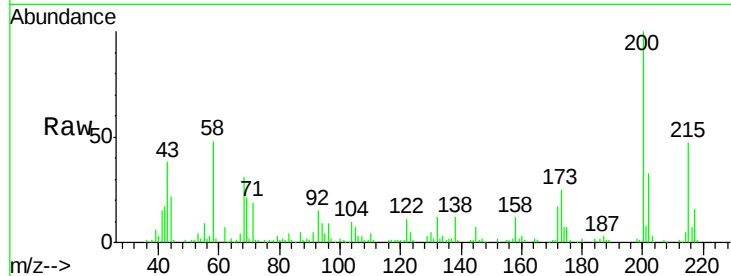
#69  
 Atrazine  
 Concen: 10.768 ng  
 RT: 16.30 min Scan# 2280  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.5  | 6.6   | 46.6  |
| 215     | 46.8  | 29.8  | 69.8  |

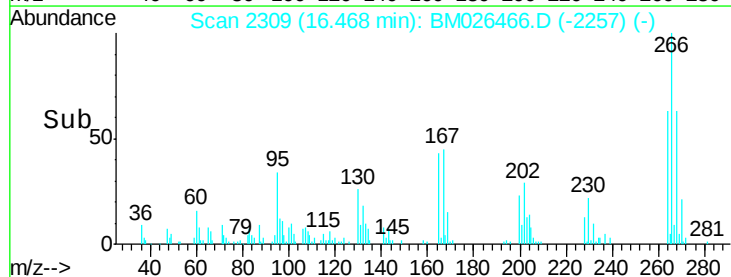
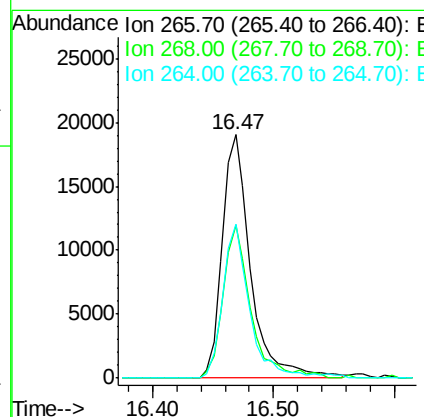
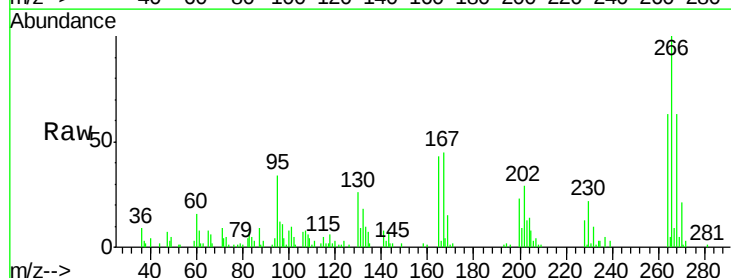
Manual Integrations  
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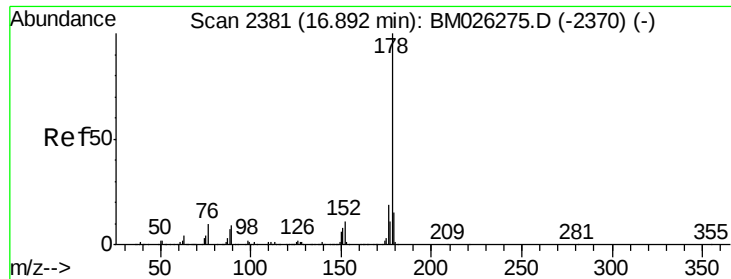
mohammad  
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#70  
 Pentachlorophenol  
 Concen: 6.764 ng  
 RT: 16.47 min Scan# 2309  
 Delta R.T. 0.01 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.0  | 50.2  | 75.4  |
| 264     | 63.4  | 50.6  | 75.8  |





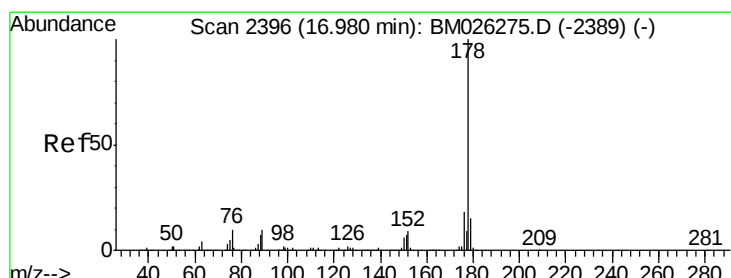
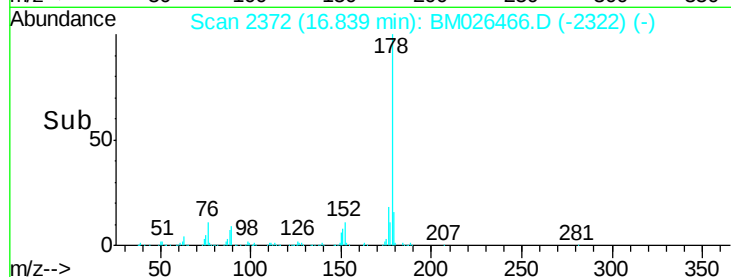
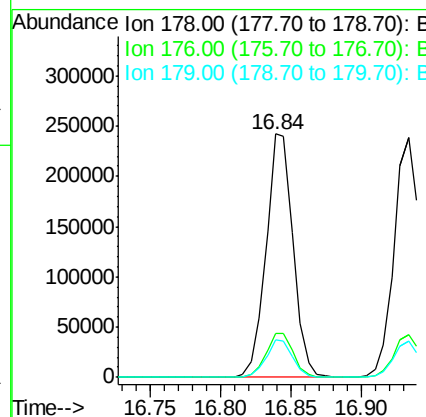
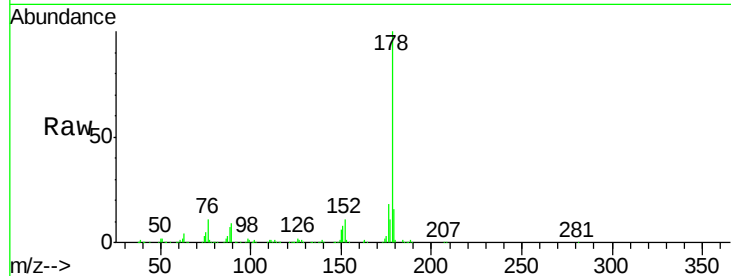
#71  
Phenanthrene  
Concen: 9.478 ng  
RT: 16.84 min Scan# 2372  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.2  | 15.1  | 22.7  |
| 179     | 15.6  | 12.3  | 18.5  |

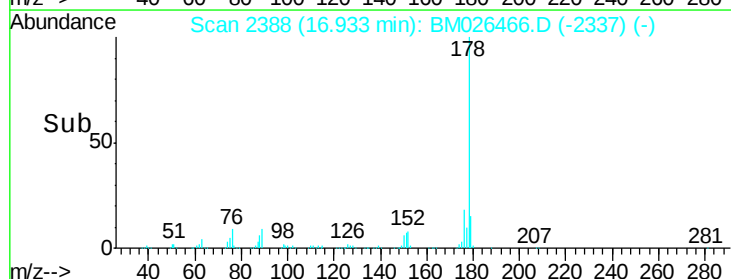
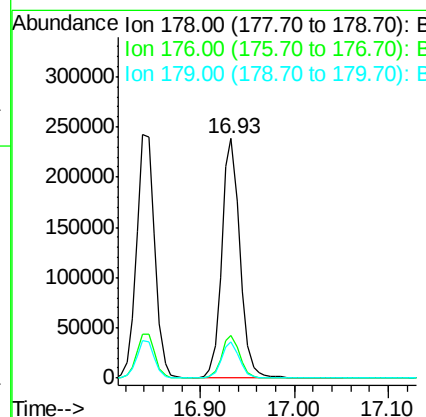
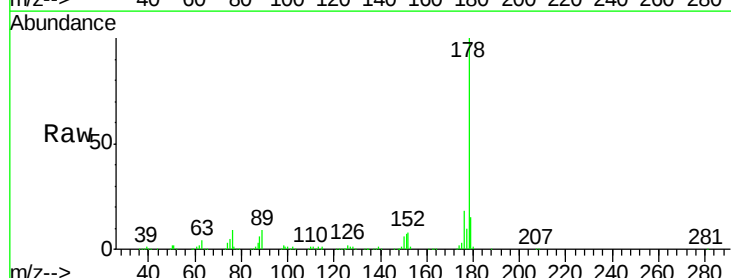
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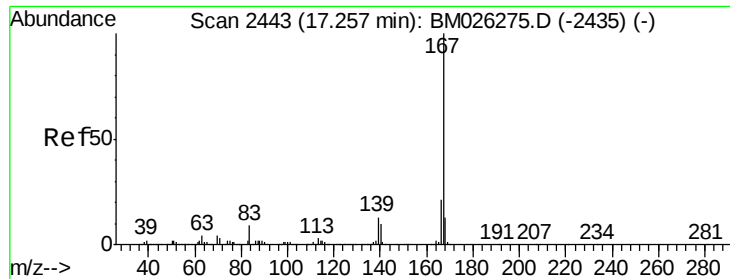
mohammad  
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#72  
Anthracene  
Concen: 9.334 ng  
RT: 16.93 min Scan# 2388  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.1  | 14.5  | 21.7  |
| 179     | 15.2  | 12.3  | 18.5  |





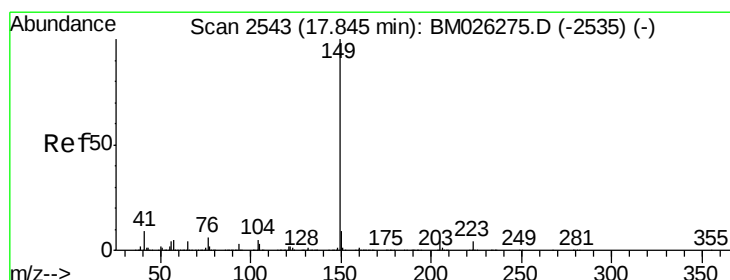
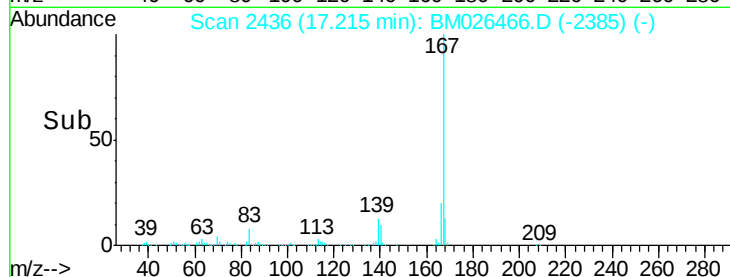
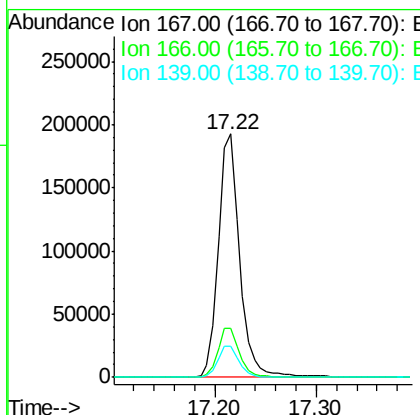
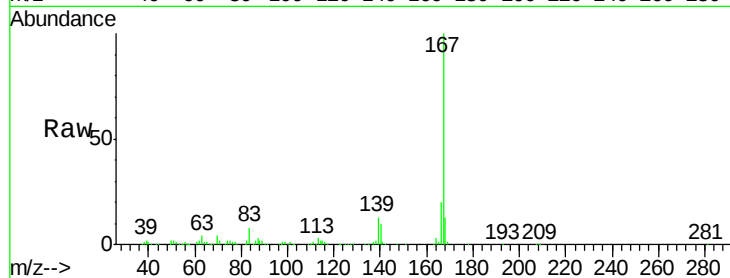
#73  
 Carbazole  
 Concen: 8.648 ng  
 RT: 17.22 min Scan# 2436  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.0  | 16.9  | 25.3  |
| 139     | 12.8  | 10.2  | 15.4  |

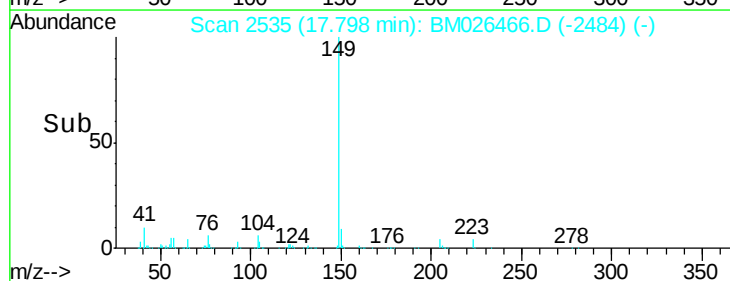
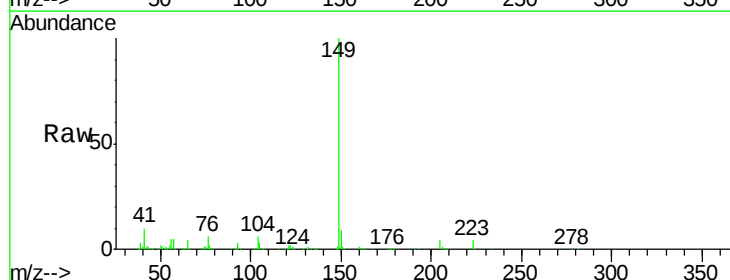
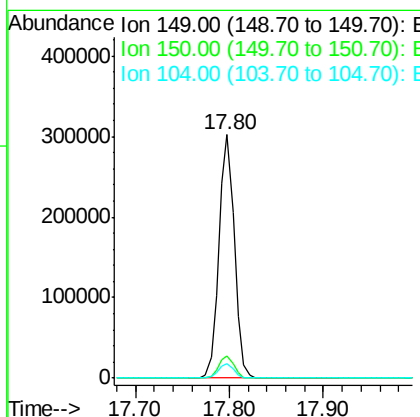
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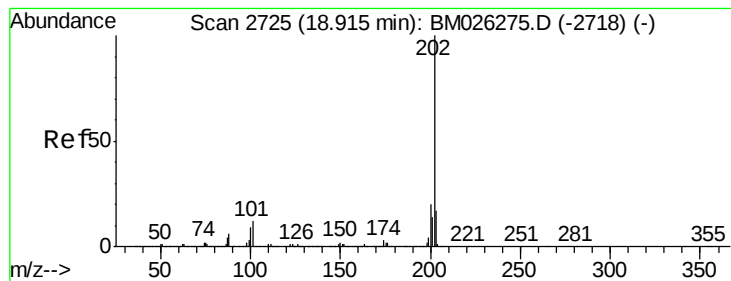
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#74  
 Di-n-butylphthalate  
 Concen: 9.042 ng  
 RT: 17.80 min Scan# 2535  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

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





#75

Fluoranthene

Concen: 9.687 ng

RT: 18.87 min Scan# 2717

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

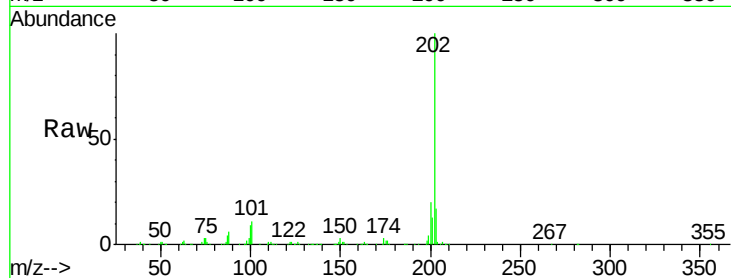
ClientSampleId :

LOQ-SOIL-02-QT1-2020

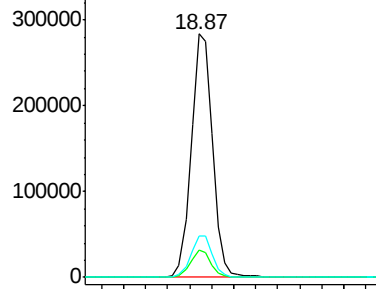
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 11.4  | 0.0        | 31.9  |
| 203     | 17.2  | 0.0        | 37.5  |

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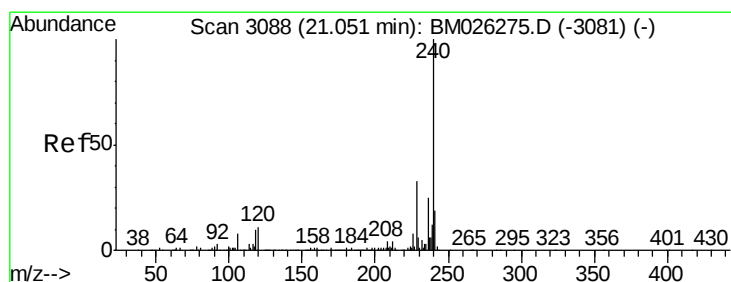
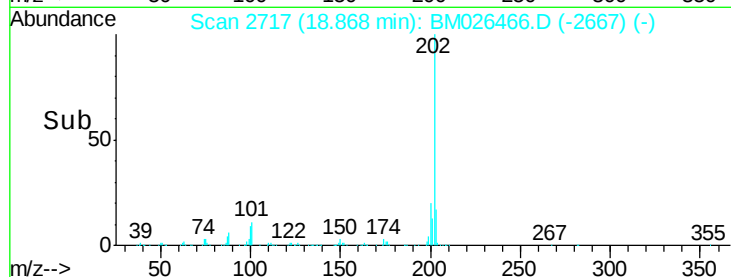
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

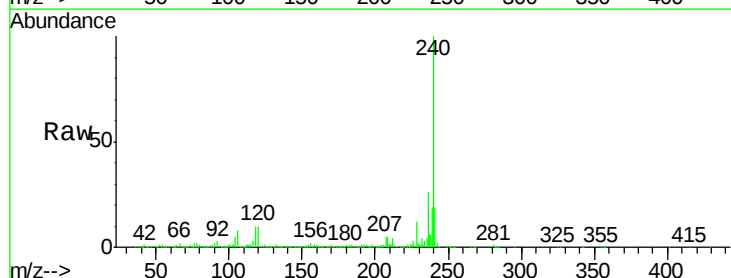
RT: 21.02 min Scan# 3082

Delta R.T. 0.00 min

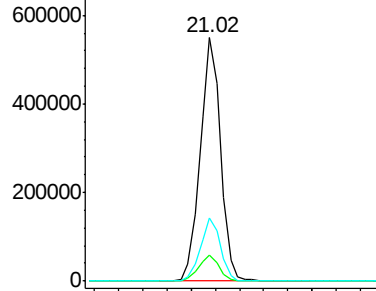
Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

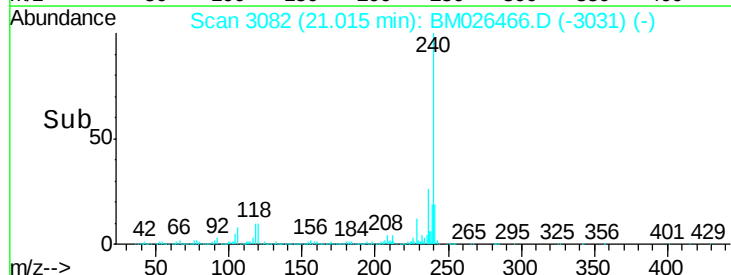
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 10.4  | 9.3        | 13.9  |
| 236     | 26.1  | 19.4       | 29.0  |

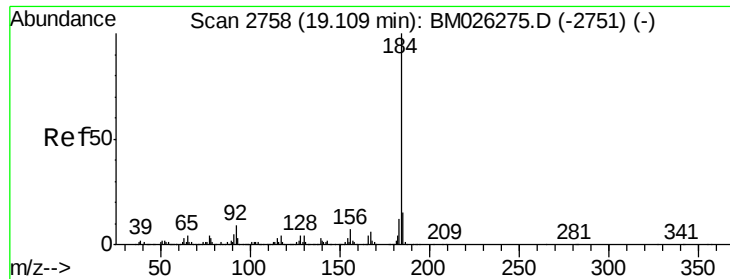


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 8.892 ng

RT: 19.07 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

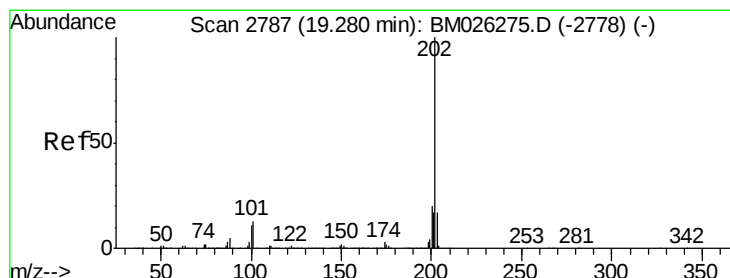
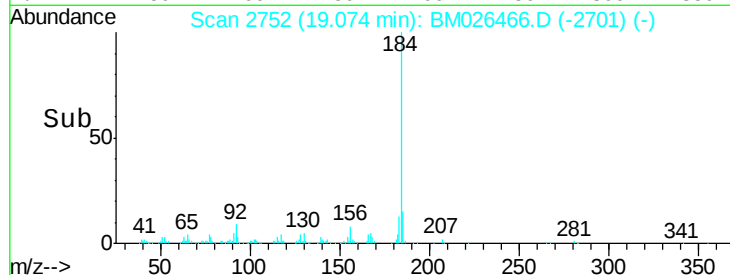
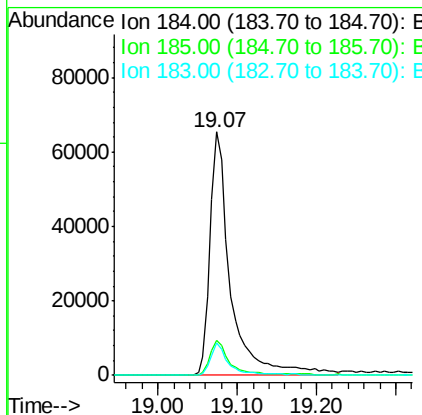
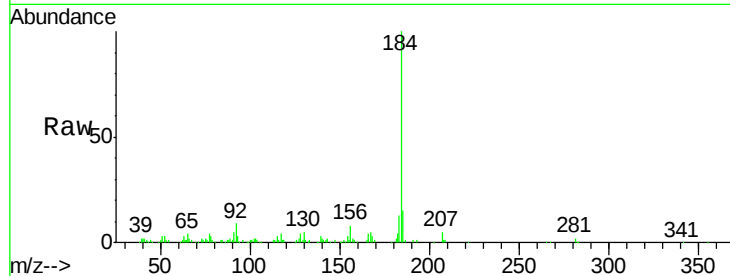
ClientSampleId :

LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 118813 |       |       |
| 185     | 14.6  |        | 11.2  | 16.8  |
| 183     | 13.2  |        | 9.4   | 14.2  |

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#78

Pyrene

Concen: 9.325 ng

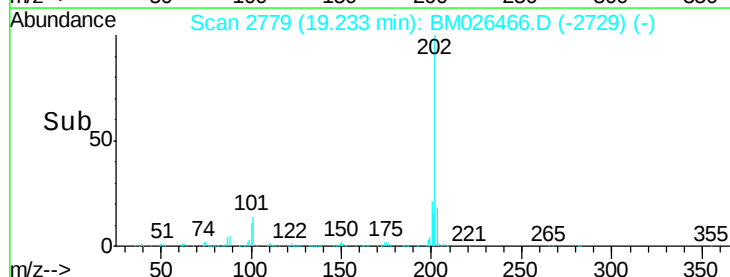
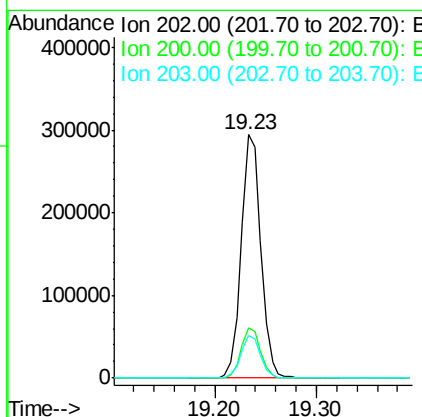
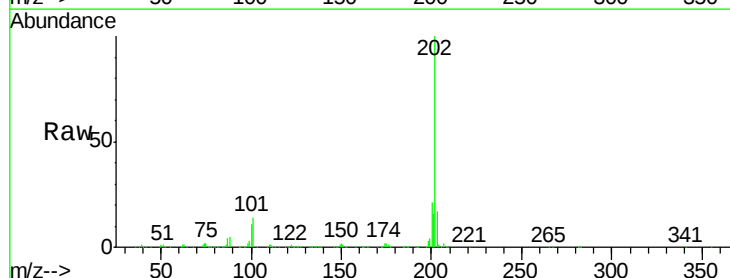
RT: 19.23 min Scan# 2779

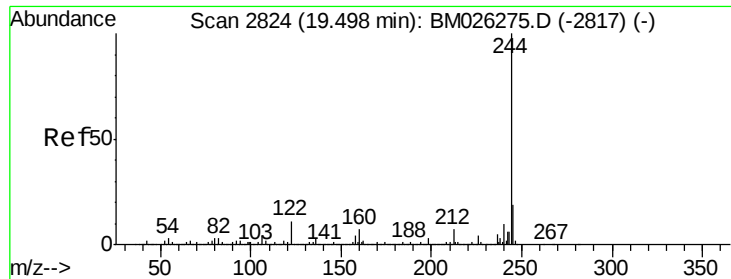
Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 396319 |       |       |
| 200     | 20.8  |        | 16.3  | 24.5  |
| 203     | 17.5  |        | 13.8  | 20.6  |





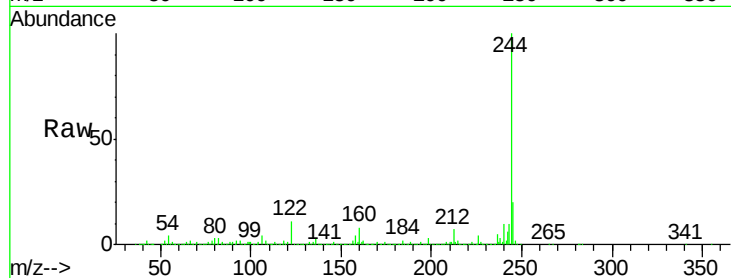
#79  
 Terphenyl-d14  
 Concen: 102.087 ng  
 RT: 19.46 min Scan# 2818  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2020

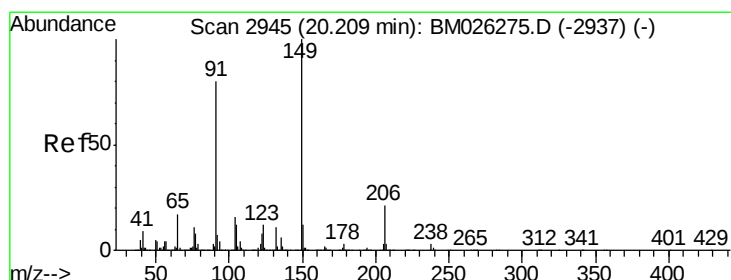
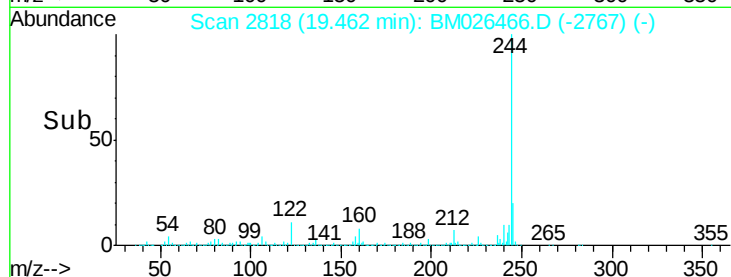
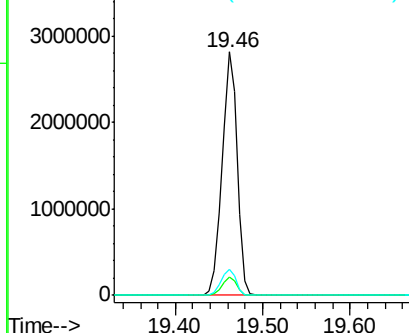
Tot Ion:244 Resp: 3382959  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.9 8.9  
 122 10.7 8.6 13.0

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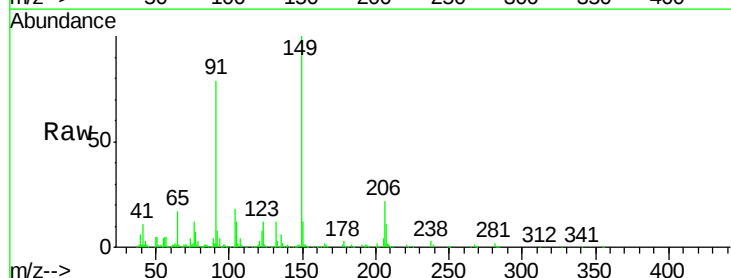


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

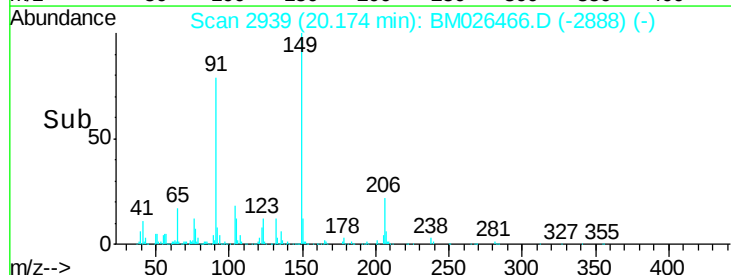
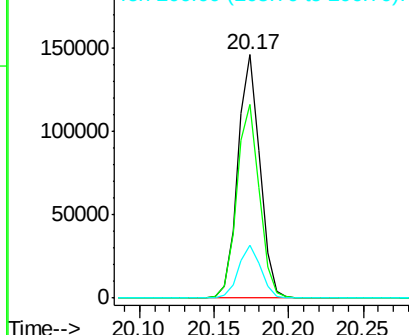


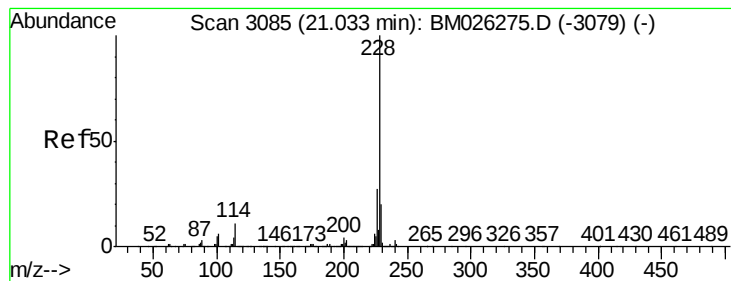
#80  
 Butylbenzylphthalate  
 Concen: 8.743 ng  
 RT: 20.17 min Scan# 2939  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

Tgt Ion:149 Resp: 150265  
 Ion Ratio Lower Upper  
 149 100  
 91 79.4 64.6 97.0  
 206 21.8 17.6 26.4



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 91.00 (90.70 to 91.70): BM  
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 9.947 ng

RT: 21.00 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

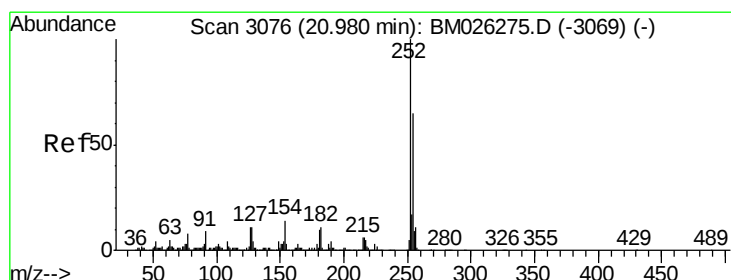
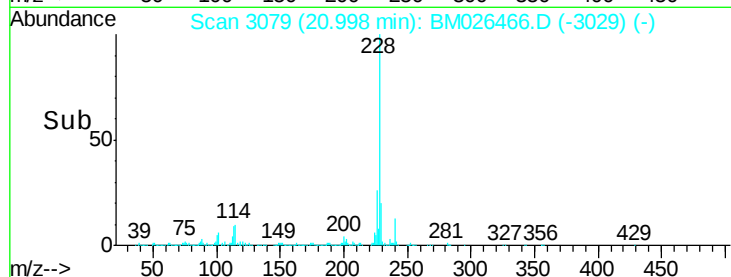
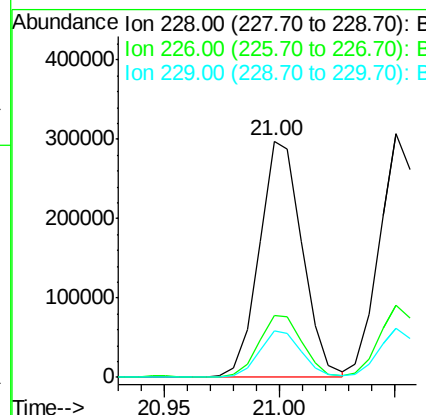
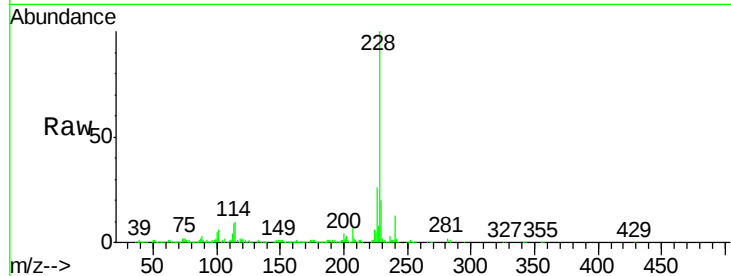
ClientSampleId :

LOQ-SOIL-02-QT1-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 384081 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 26.2  | 21.1  | 31.7   |
| 229       | 19.6  | 15.7  | 23.5   |

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#82

3,3'-Dichlorobenzidine

Concen: 11.121 ng

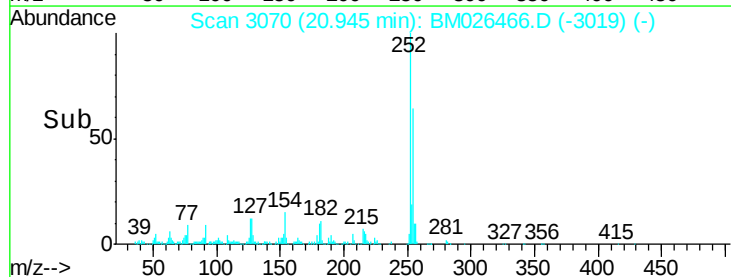
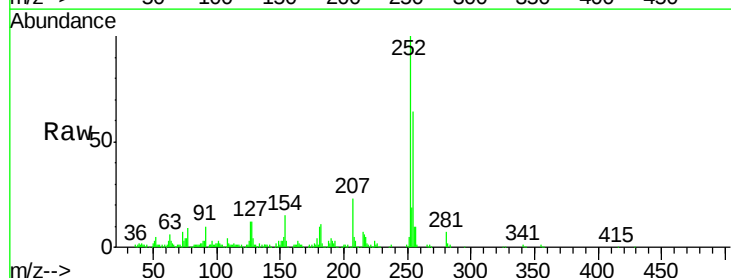
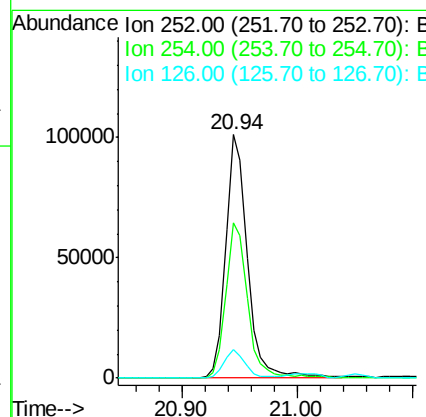
RT: 20.94 min Scan# 3070

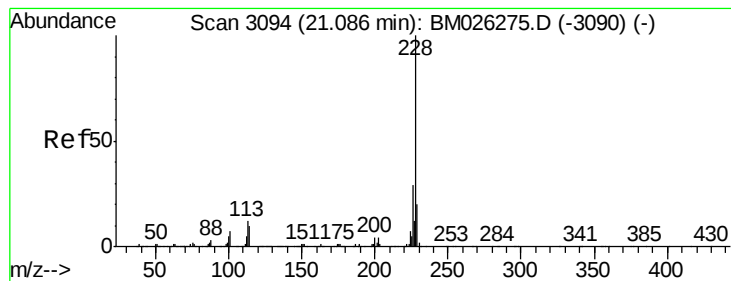
Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 132849 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 63.9  | 51.0  | 76.6   |
| 126       | 11.5  | 9.2   | 13.8   |





#83

Chrysene

Concen: 9.842 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

Instrument :

BNA\_M

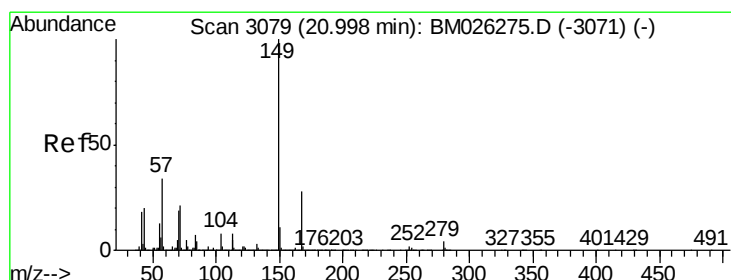
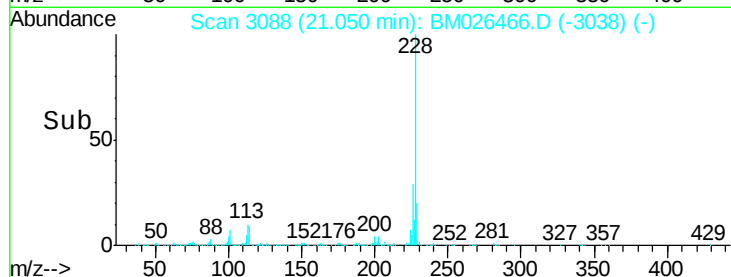
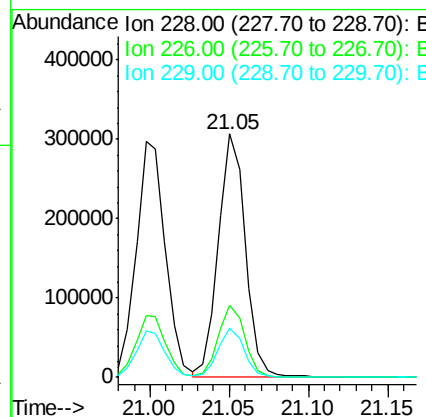
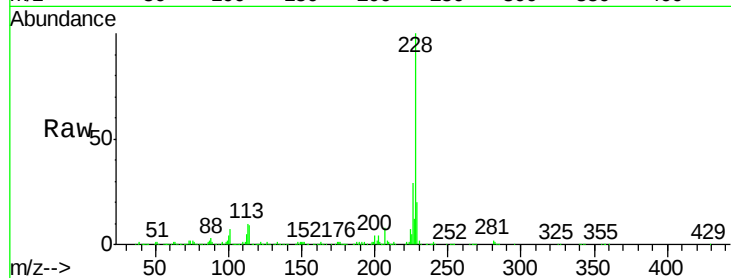
ClientSampleId :

LOQ-SOIL-02-QT1-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 362135 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.4  | 23.8  | 35.6   |
| 229       | 20.0  | 15.5  | 23.3   |

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#84

Bis(2-ethylhexyl)phthalate

Concen: 9.488 ng

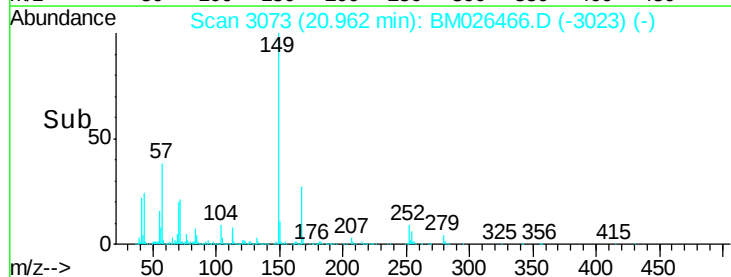
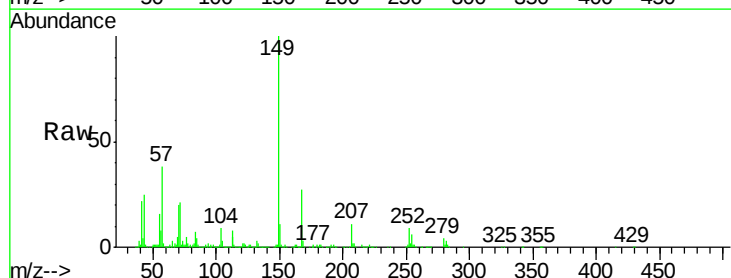
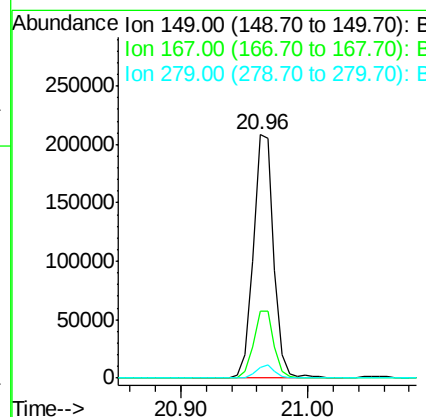
RT: 20.96 min Scan# 3073

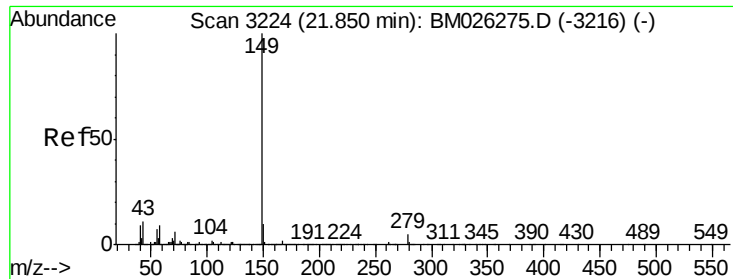
Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 232515 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.4  | 22.0  | 33.0   |
| 279       | 4.3   | 3.7   | 5.5    |





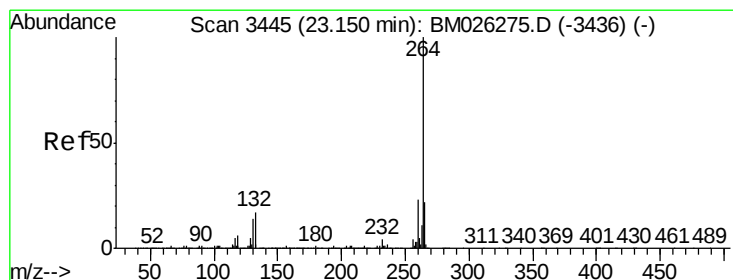
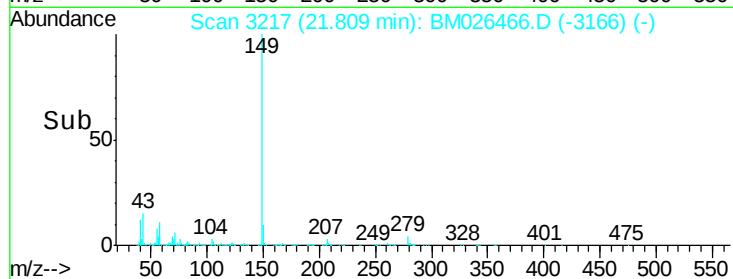
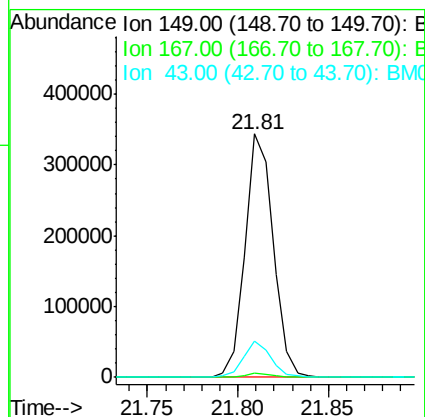
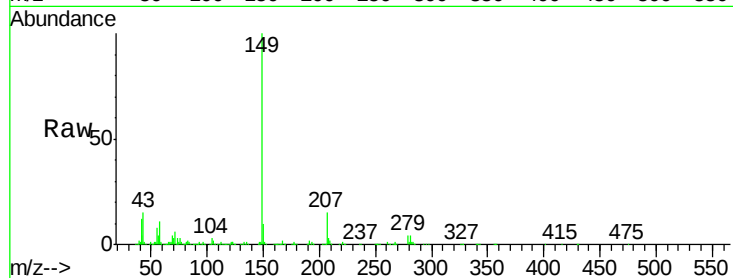
#85  
Di-n-octyl phthalate  
Concen: 9.755 ng  
RT: 21.81 min Scan# 3217  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 368793 |       |       |
| 167     | 1.7   |        | 1.3   | 1.9   |
| 43      | 14.4  |        | 10.3  | 15.5  |

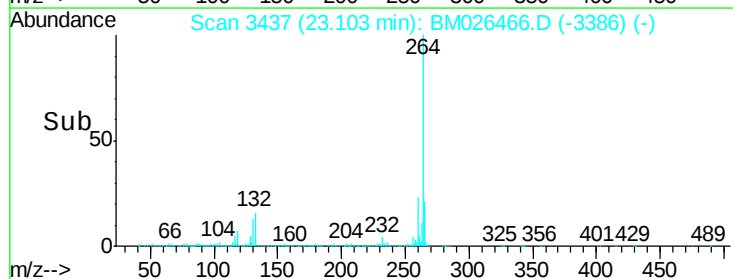
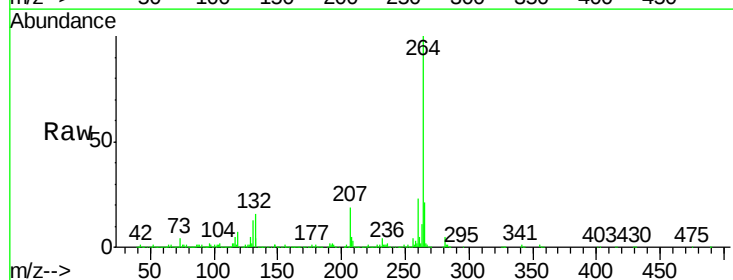
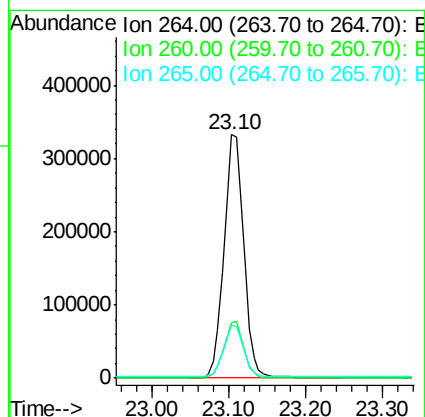
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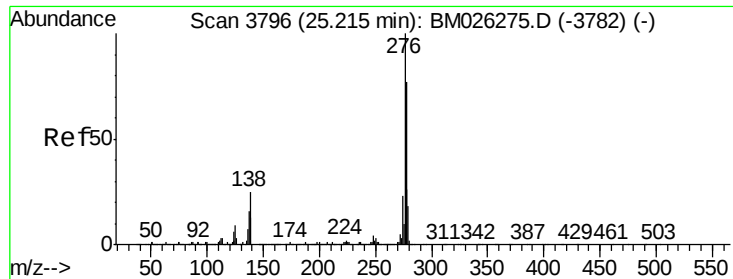
mohammad  
6/22/2020 3:23:17 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.10 min Scan# 3437  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 595884 |       |       |
| 260     | 22.8  |        | 18.6  | 28.0  |
| 265     | 21.5  |        | 17.8  | 26.6  |





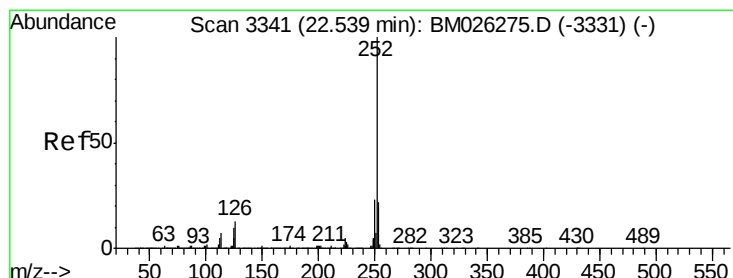
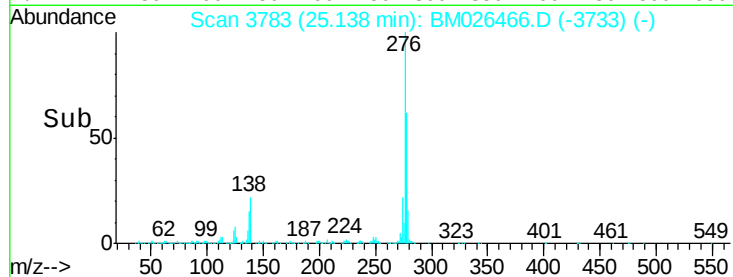
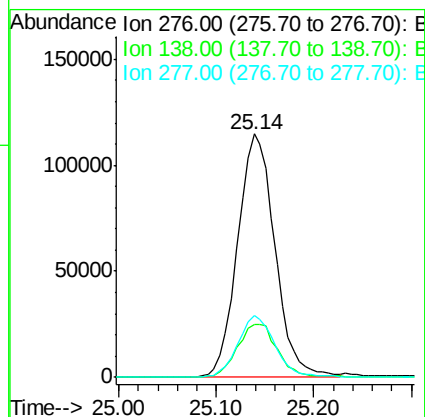
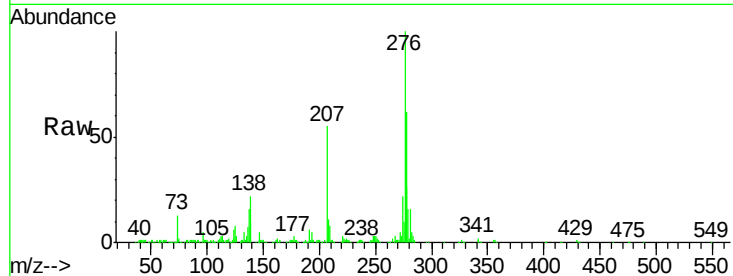
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 8.872 ng  
 RT: 25.14 min Scan# 3783  
 Delta R.T. -0.01 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 305833 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 23.5  | 19.0  | 28.6   |
| 277       | 25.4  | 20.2  | 30.4   |

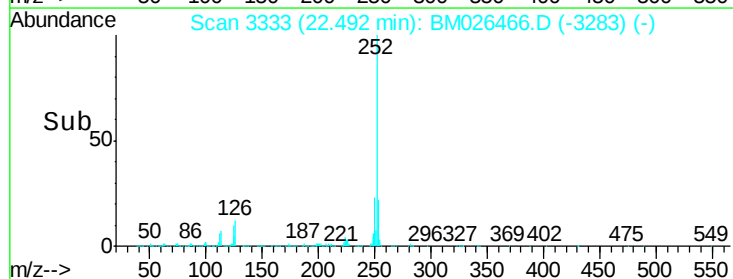
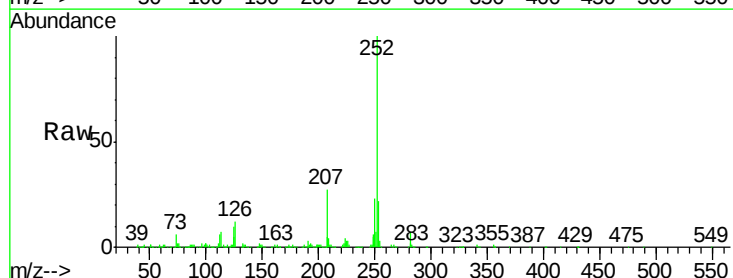
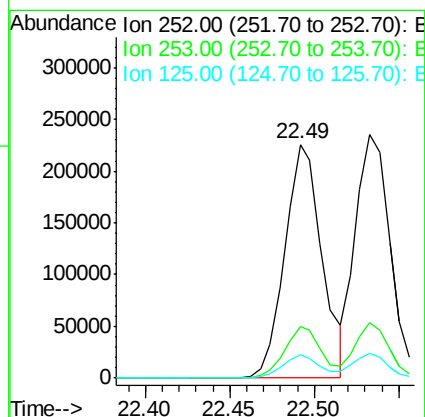
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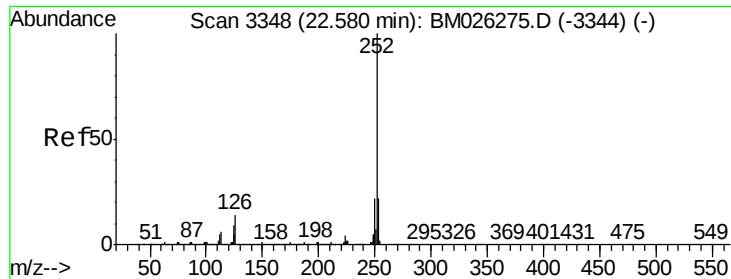
mohammad  
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#88  
 Benzo(b)fluoranthene  
 Concen: 9.640 ng  
 RT: 22.49 min Scan# 3333  
 Delta R.T. -0.01 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 345565 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 17.6  | 26.4   |
| 125       | 10.1  | 8.0   | 12.0   |





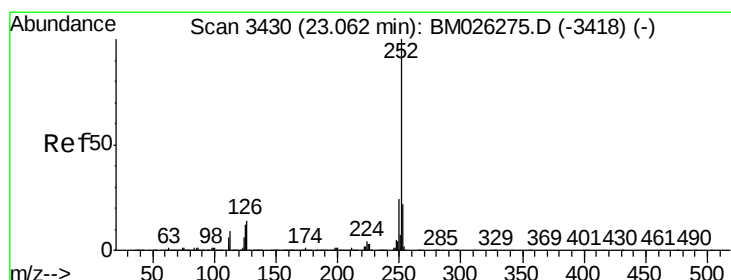
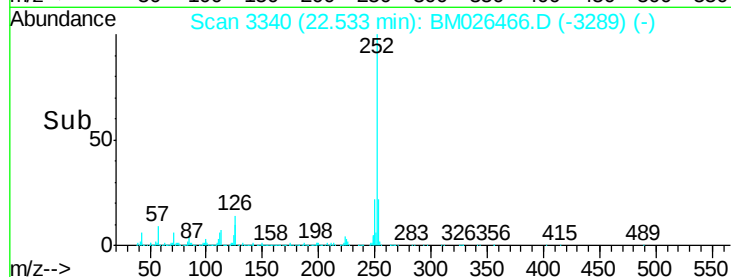
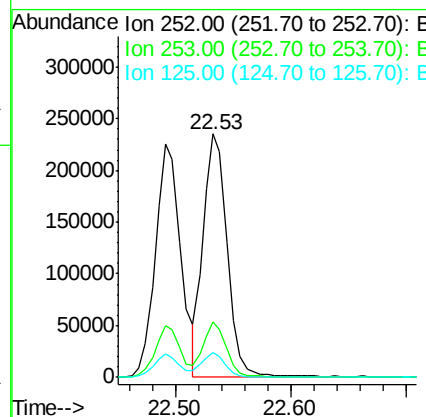
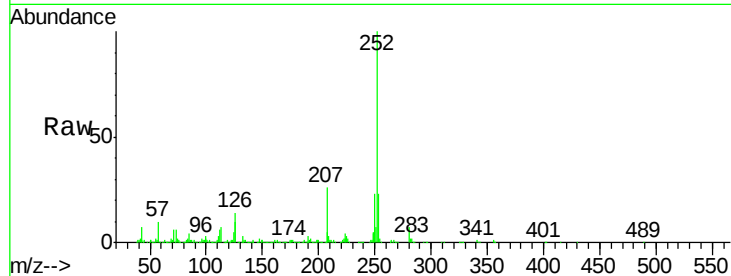
#89  
Benzo(k)fluoranthene  
Concen: 9.733 ng  
RT: 22.53 min Scan# 3340  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.2  | 25.8  |
| 125     | 10.0  | 7.8   | 11.8  |

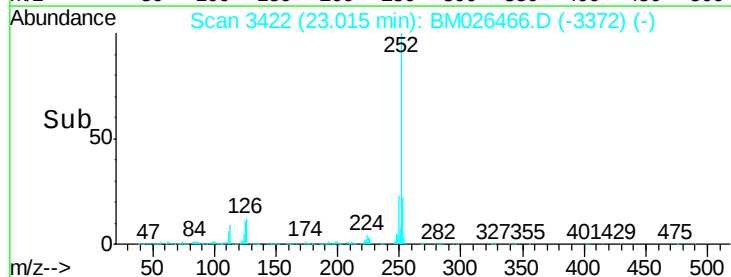
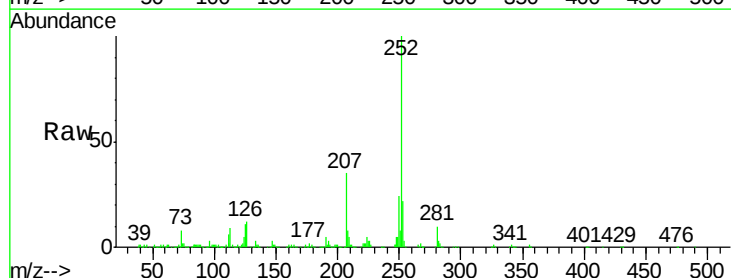
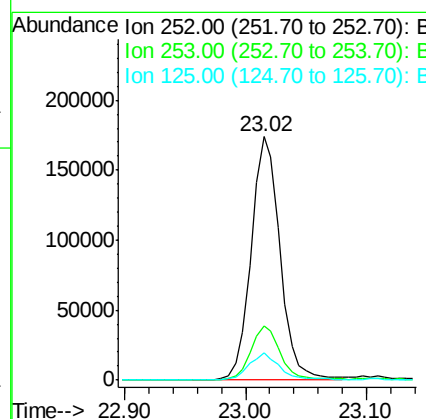
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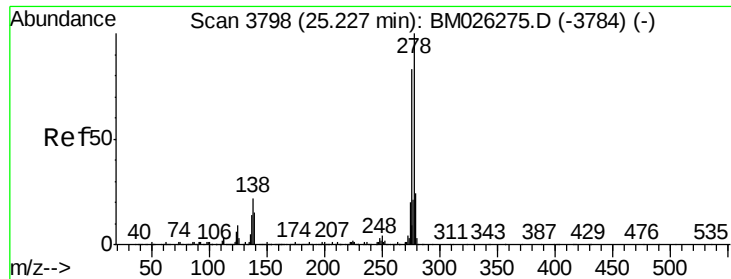
mohammad  
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#90  
Benzo(a)pyrene  
Concen: 9.076 ng  
RT: 23.02 min Scan# 3422  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.3  | 25.9  |
| 125     | 11.0  | 8.6   | 12.8  |





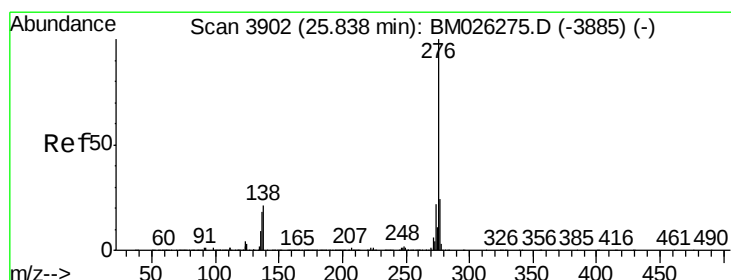
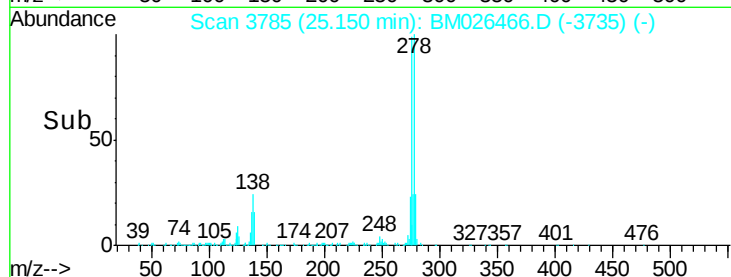
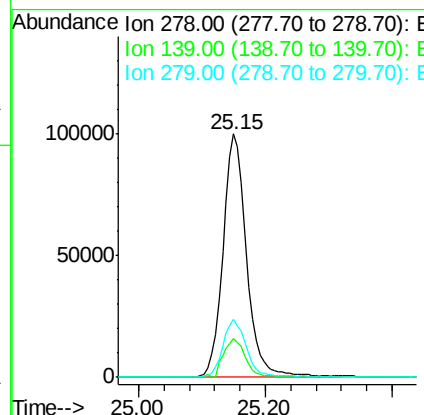
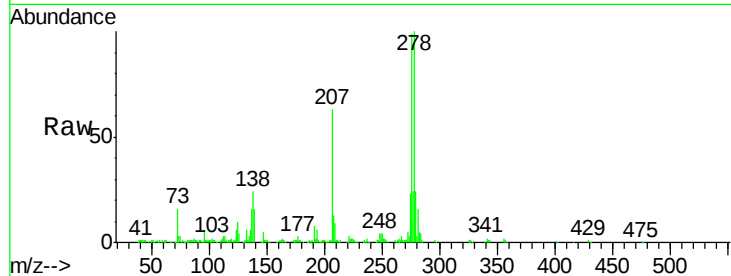
#91  
Dibenzo(a,h)anthracene  
Concen: 8.997 ng  
RT: 25.15 min Scan# 3785  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.7  | 12.3  | 18.5  |
| 279     | 24.0  | 18.9  | 28.3  |

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#92  
Benzo(g,h,i)perylene  
Concen: 9.254 ng  
RT: 25.76 min Scan# 3888  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.7  | 19.0  | 28.4  |
| 138     | 21.0  | 16.2  | 24.4  |

