

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\  
 Data File : BM026466.D  
 Acq On : 19 Jun 2020 12:32  
 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

Quant Time: Jun 19 13:06:37 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  | 108006   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.15 | 136  | 466798   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.05 | 164  | 316055   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.80 | 188  | 681160   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.02 | 240  | 541156   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.10 | 264  | 475135   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.02  | 112 | 1022180 | 167.33 | ng | 0.00 |
| 7) Phenol-d6                | 6.60  | 99  | 1524633 | 172.36 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.54  | 82  | 1138532 | 119.76 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.55 | 330 | 743718  | 194.26 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.66 | 172 | 2500571 | 120.10 | ng | 0.00 |
| 79) Terphenyl-d14           | 19.46 | 244 | 3768403 | 135.18 | ng | 0.00 |

|                                |       |     |        |        |        |      |
|--------------------------------|-------|-----|--------|--------|--------|------|
| Target Compounds               |       |     |        |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 3.00  | 88  | 28032  | 10.178 | ng     | 96   |
| 3) Pyridine                    | 3.40  | 79  | 68884  | 8.515  | ng     | 98   |
| 4) n-Nitrosodimethylamine      | 3.32  | 42  | 39507  | 9.864  | ng     | 89   |
| 6) Aniline                     | 6.73  | 93  | 115022 | 9.913  | ng     | 96   |
| 8) 2-Chlorophenol              | 6.96  | 128 | 71123  | 10.094 | ng     | 99   |
| 9) Benzaldehyde                | 6.55  | 77  | 75162  | 13.325 | ng     | 94   |
| 10) Phenol                     | 6.62  | 94  | 93364  | 9.911  | ng     | 94   |
| 11) bis(2-Chloroethyl)ether    | 6.84  | 93  | 73451  | 9.680  | ng     | 99   |
| 12) 1,3-Dichlorobenzene        | 7.28  | 146 | 75420  | 9.668  | ng     | 99   |
| 13) 1,4-Dichlorobenzene        | 7.42  | 146 | 78249  | 9.847  | ng     | 98   |
| 14) 1,2-Dichlorobenzene        | 7.73  | 146 | 76351  | 9.836  | ng     | 99   |
| 15) Benzyl Alcohol             | 7.64  | 79  | 67721  | 9.015  | ng     | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.92  | 45  | 142167 | 10.032 | ng     | 99   |
| 17) 2-Methylphenol             | 7.85  | 107 | 61051  | 8.867  | ng     | 95   |
| 18) Hexachloroethane           | 8.44  | 117 | 28882  | 9.597  | ng     | 97   |
| 19) n-Nitroso-di-n-propylamine | 8.20  | 70  | 72249  | 10.481 | ng     | 94   |
| 20) 3+4-Methylphenols          | 8.18  | 107 | 81348  | 8.668  | ng     | 98   |
| 22) Acetophenone               | 8.21  | 105 | 124515 | 10.374 | ng     | 94   |
| 24) Nitrobenzene               | 8.57  | 77  | 105490 | 10.600 | ng     | 95   |
| 25) Isophorone                 | 9.10  | 82  | 185722 | 10.398 | ng     | 99   |
| 26) 2-Nitrophenol              | 9.28  | 139 | 37197  | 9.444  | ng     | # 85 |
| 27) 2,4-Dimethylphenol         | 9.36  | 122 | 54559  | 8.774  | ng     | 97   |
| 28) bis(2-Chloroethoxy)methane | 9.59  | 93  | 108510 | 10.708 | ng     | 99   |
| 29) 2,4-Dichlorophenol         | 9.82  | 162 | 64410  | 9.441  | ng     | 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.02 | 180 | 76820  | 10.269 | ng     | 95   |
| 31) Naphthalene                | 10.20 | 128 | 240936 | 10.242 | ng     | 99   |
| 32) Benzoic acid               | 9.47  | 122 | 17630  | 3.816  | ng     | 97   |
| 33) 4-Chloroaniline            | 10.33 | 127 | 94763  | 9.236  | ng     | 99   |
| 34) Hexachlorobutadiene        | 10.49 | 225 | 46708  | 9.890  | ng     | 94   |
| 35) Caprolactam                | 11.10 | 113 | 25197  | 10.513 | ng     | # 90 |
| 36) 4-Chloro-3-methylphenol    | 11.46 | 107 | 81906  | 9.853  | ng     | 99   |
| 37) 2-Methylnaphthalene        | 11.82 | 142 | 179308 | 10.697 | ng     | 99   |
| 38) 1-Methylnaphthalene        | 12.05 | 142 | 169541 | 10.677 | ng     | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.20 | 216 | 97053  | 10.788 | ng     | 99   |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 19 10:44:58 2020  
 Response via : Initial Calibration

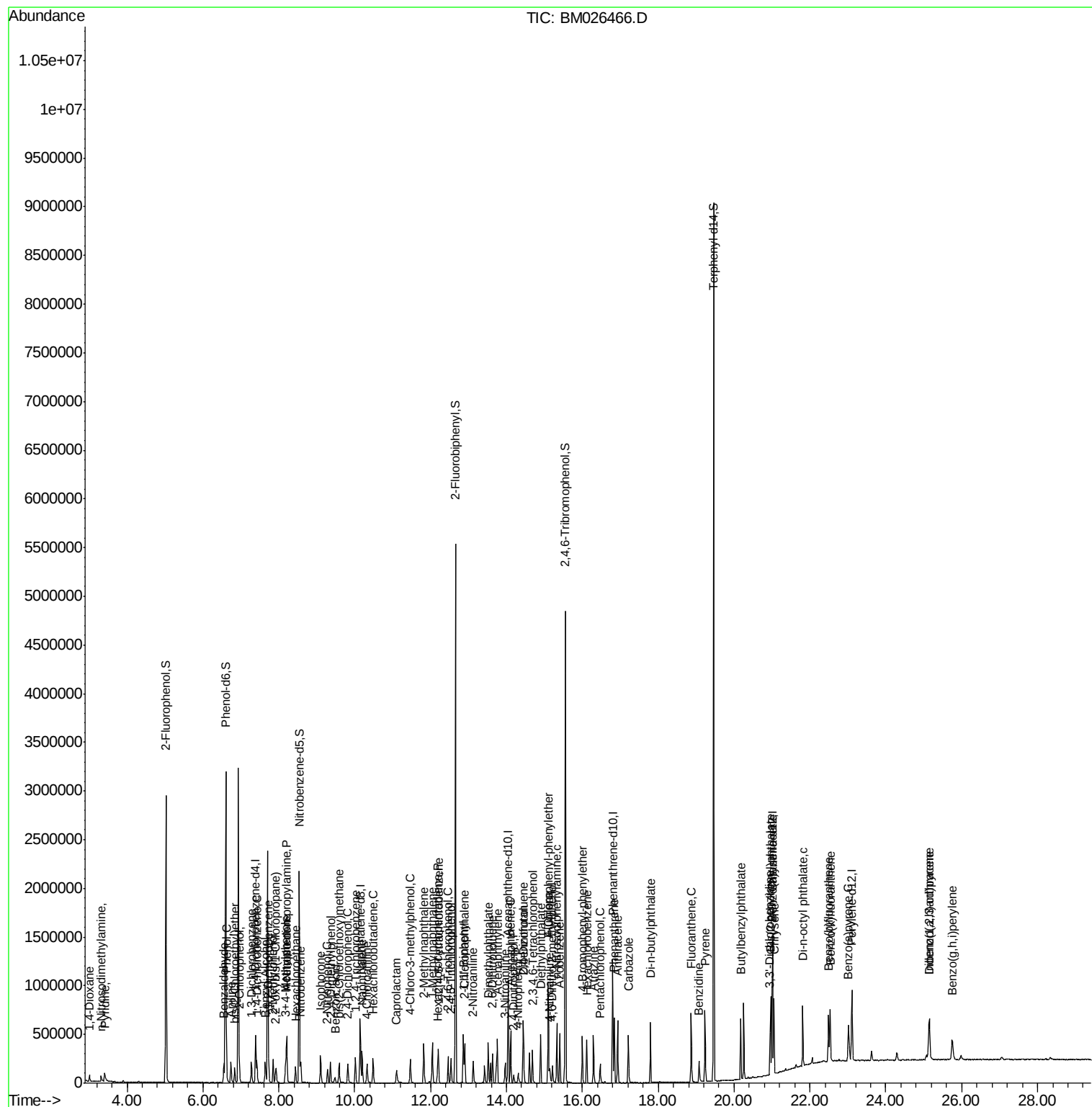
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.18 | 237  | 27086    | 5.109  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 12.46 | 196  | 57594    | 9.458  | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 12.54 | 196  | 63187    | 8.939  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 12.87 | 154  | 244611   | 11.039 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 12.90 | 162  | 176204   | 9.790  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.12 | 65   | 63845    | 8.951  | ng    | 94       |
| 49) Acenaphthylene             | 13.76 | 152  | 287209   | 9.977  | ng    | 99       |
| 50) Dimethylphthalate          | 13.52 | 163  | 236018   | 10.210 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.63 | 165  | 48391    | 9.540  | ng    | 89       |
| 52) Acenaphthene               | 14.11 | 154  | 175696   | 10.167 | ng    | 99       |
| 53) 3-Nitroaniline             | 13.97 | 138  | 44179    | 7.821  | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.19 | 184  | 16761    | 5.437  | ng    | 90       |
| 55) Dibenzofuran               | 14.45 | 168  | 283622   | 10.186 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.30 | 139  | 28981    | 6.470  | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.44 | 165  | 67021    | 9.502  | ng    | # 90     |
| 58) Fluorene                   | 15.10 | 166  | 226037   | 9.994  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.69 | 232  | 58301    | 9.643  | ng    | 98       |
| 60) Diethylphthalate           | 14.90 | 149  | 241118   | 10.240 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.11 | 204  | 117826   | 9.822  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.14 | 138  | 37721    | 6.262  | ng    | 90       |
| 63) Azobenzene                 | 15.40 | 77   | 264308   | 10.260 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.21 | 198  | 32993    | 7.965  | ng    | 89       |
| 66) n-Nitrosodiphenylamine     | 15.33 | 169  | 200737   | 10.173 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.00 | 248  | 73376    | 9.785  | ng    | 97       |
| 68) Hexachlorobenzene          | 16.12 | 284  | 81985    | 10.478 | ng    | 97       |
| 69) Atrazine                   | 16.30 | 200  | 77691    | 13.179 | ng    | 99       |
| 70) Pentachlorophenol          | 16.47 | 266  | 34451    | 7.311  | ng    | 98       |
| 71) Phenanthrene               | 16.84 | 178  | 360687   | 10.168 | ng    | 99       |
| 72) Anthracene                 | 16.93 | 178  | 355919   | 10.054 | ng    | 99       |
| 73) Carbazole                  | 17.22 | 167  | 304562   | 9.072  | ng    | 99       |
| 74) Di-n-butylphthalate        | 17.80 | 149  | 383483   | 9.686  | ng    | 99       |
| 75) Fluoranthene               | 18.87 | 202  | 401827   | 9.881  | ng    | 99       |
| 77) Benzidine                  | 19.07 | 184  | 141434   | 12.582 | ng    | 97       |
| 78) Pyrene                     | 19.23 | 202  | 413903   | 11.576 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.17 | 149  | 146979   | 10.165 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.00 | 228  | 353272   | 10.876 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 20.94 | 252  | 124392   | 12.378 | ng    | 98       |
| 83) Chrysene                   | 21.05 | 228  | 337064   | 10.889 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 20.96 | 149  | 207858   | 10.082 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 21.81 | 149  | 303370   | 9.539  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene     | 25.14 | 276  | 286363   | 10.419 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.49 | 252  | 277663   | 9.715  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.53 | 252  | 296631   | 10.682 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.02 | 252  | 245332   | 9.664  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.15 | 278  | 239857   | 10.453 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 25.76 | 276  | 241484   | 11.060 | ng    | 99       |

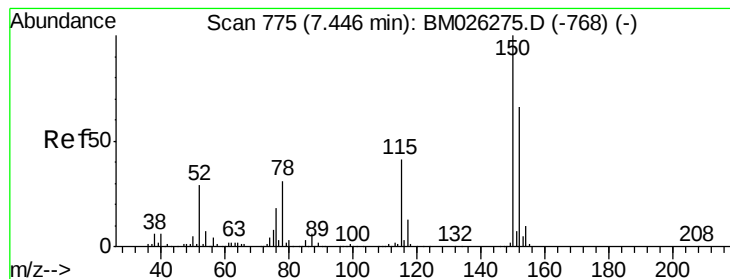
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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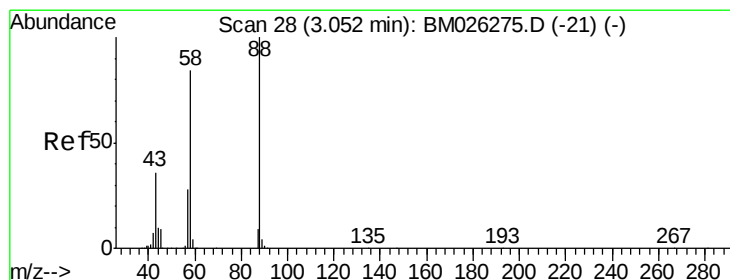
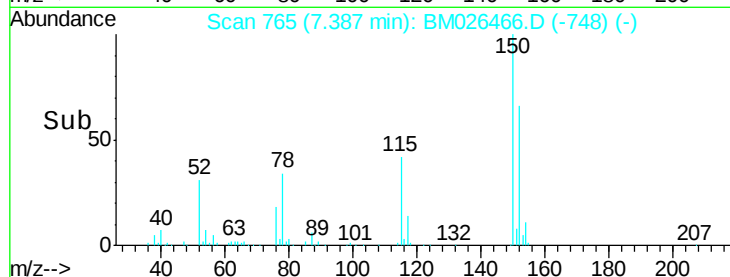
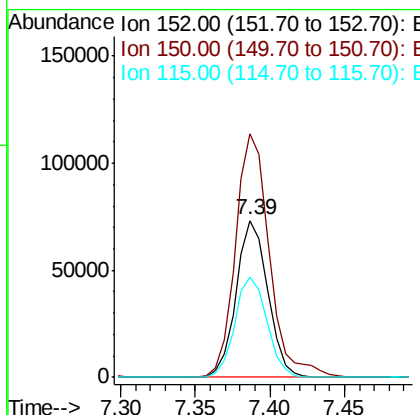
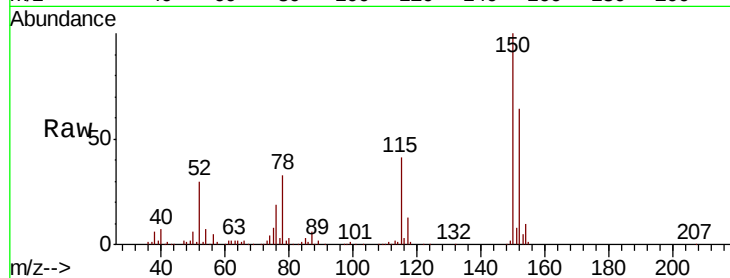


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.39 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

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

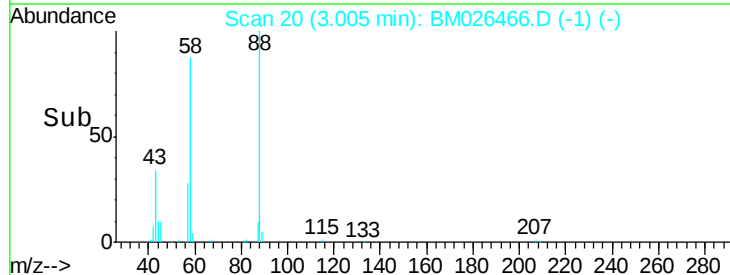
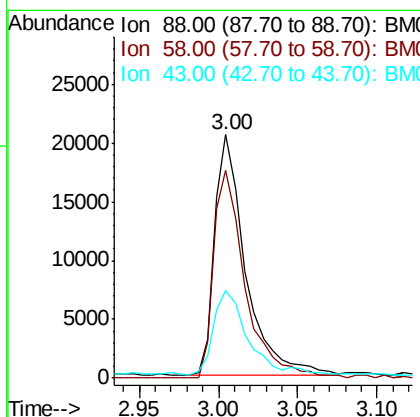
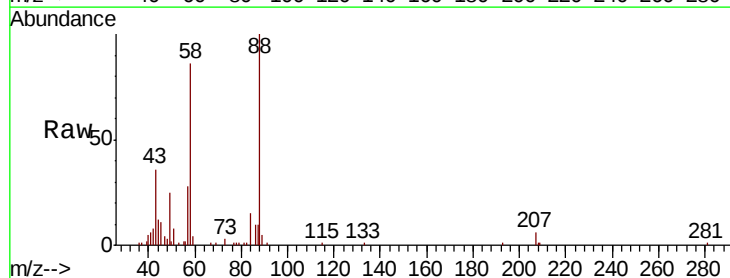
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.4 | 127.8 | 191.6 |
| 115     | 63.8  | 51.5  | 77.3  |



#2

1,4-Dioxane  
Concen: 10.178 ng  
RT: 3.00 min Scan# 20  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 87.6  | 67.7  | 101.5 |
| 43      | 38.9  | 28.0  | 42.0  |

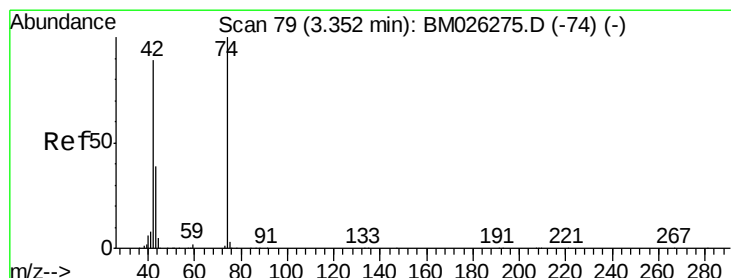
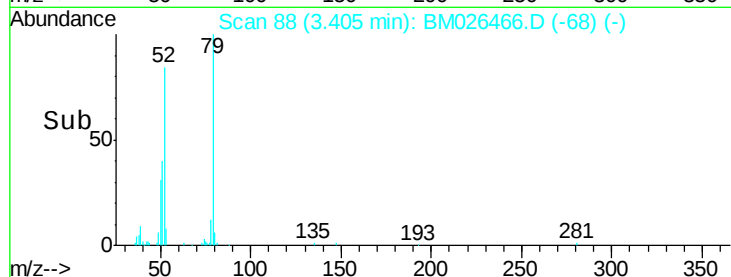
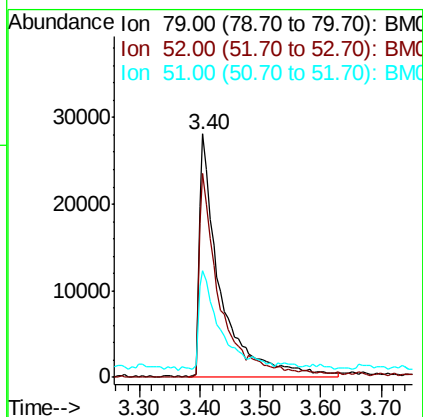
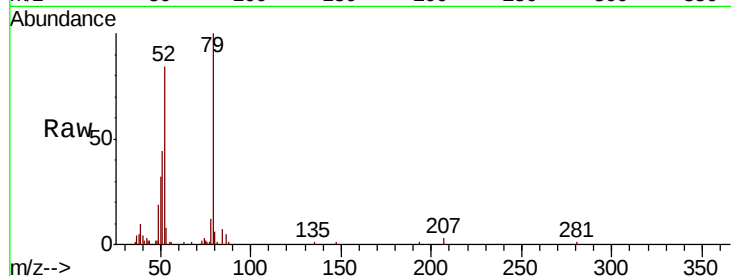




#3  
 Pvridine  
 Concen: 8.515 ng  
 RT: 3.40 min Scan# 88  
 Delta R.T. 0.02 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 12:32

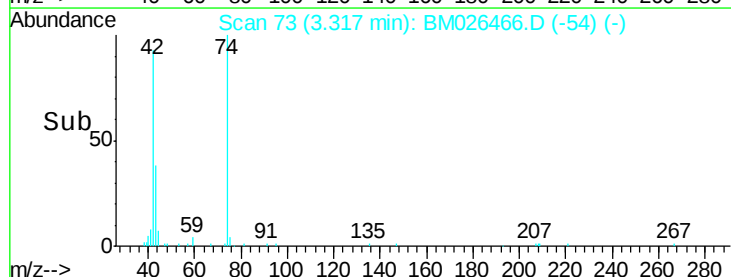
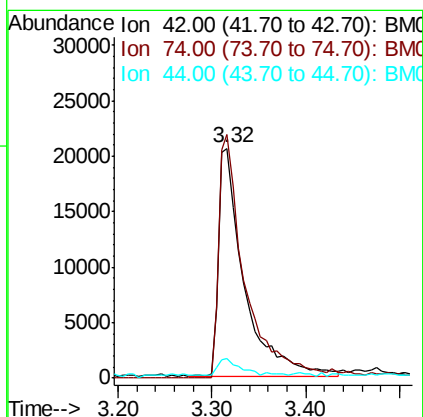
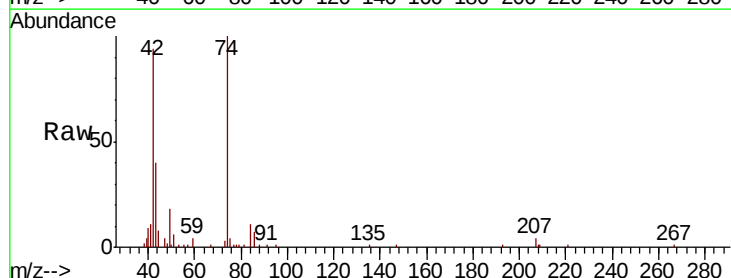
Instrument :  
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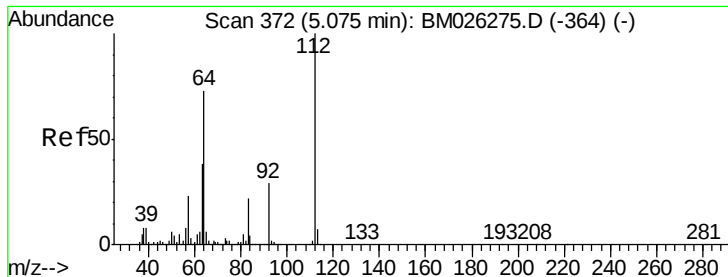
Tot Ion: 79 Resp: 68884  
 Ion Ratio Lower Upper  
 79 100  
 52 83.5 67.4 101.2  
 51 43.9 33.0 49.6



#4  
 n-Nitrosodimethylamine  
 Concen: 9.864 ng  
 RT: 3.32 min Scan# 73  
 Delta R.T. 0.01 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 12:32

Tgt Ion: 42 Resp: 39507  
 Ion Ratio Lower Upper  
 42 100  
 74 106.1 95.4 143.2  
 44 8.3 5.9 8.9





#5

2-Fluorophenol

Concen: 167.329 ng

RT: 5.02 min Scan# 363

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

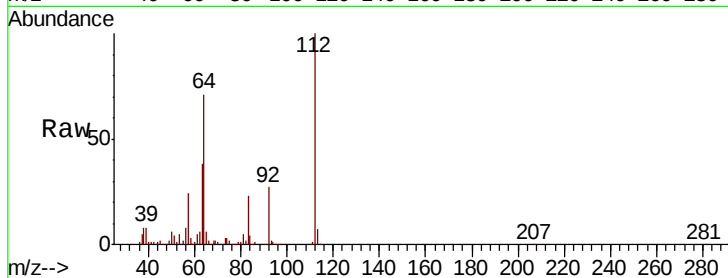
Tot Ion:112 Resp: 1022180

Ion Ratio Lower Upper

112 100

64 71.4 56.0 84.0

63 37.7 29.0 43.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM

800000

600000

400000

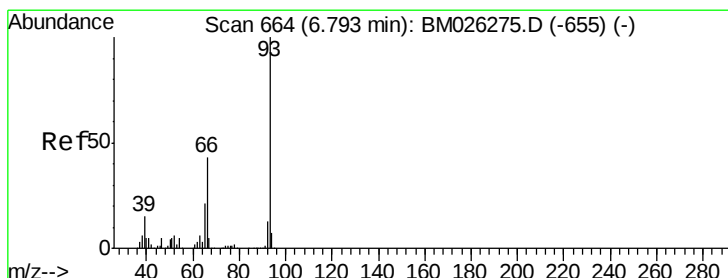
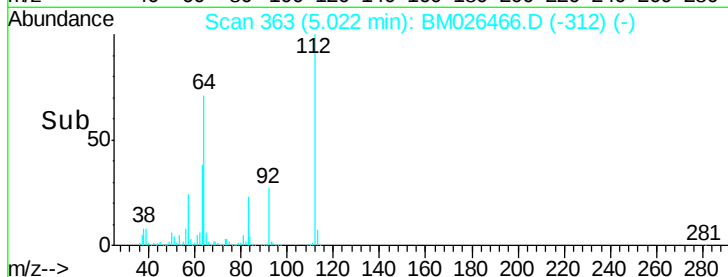
200000

0

5.02

5.10

Time-->



#6

Aniline

Concen: 9.913 ng

RT: 6.73 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

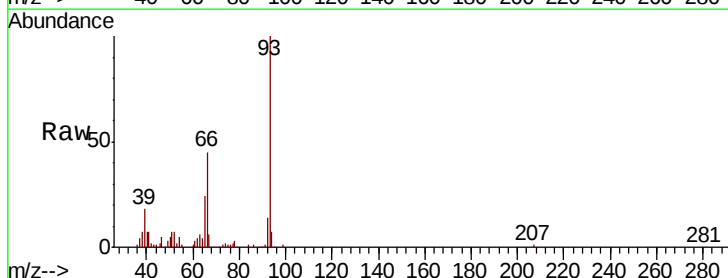
Tgt Ion: 93 Resp: 115022

Ion Ratio Lower Upper

93 100

66 45.1 34.1 51.1

65 23.8 17.5 26.3



Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM

80000

60000

40000

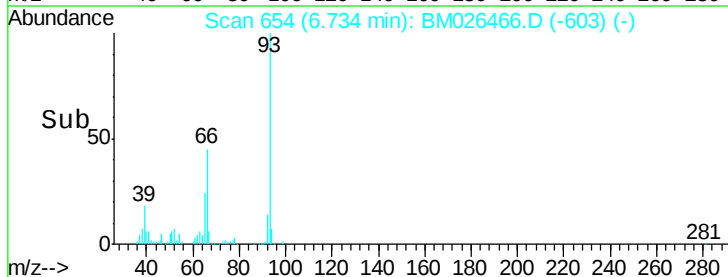
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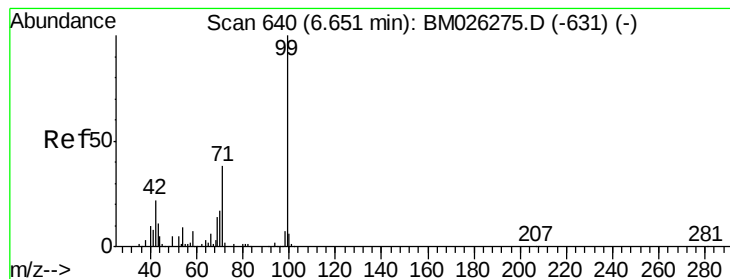
0

6.73

6.80

Time-->





#7

Phenol-d6

Concen: 172.355 ng

RT: 6.60 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

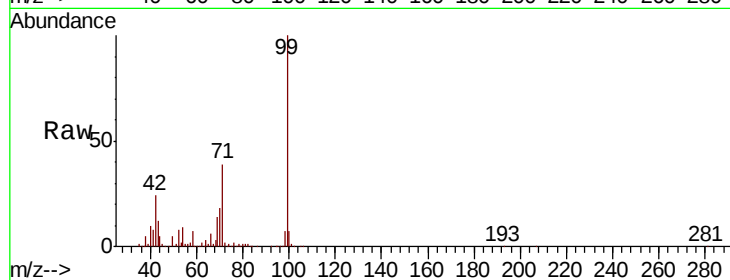
Tot Ion: 99 Resp: 1524633

Ion Ratio Lower Upper

99 100

42 23.5 17.8 26.6

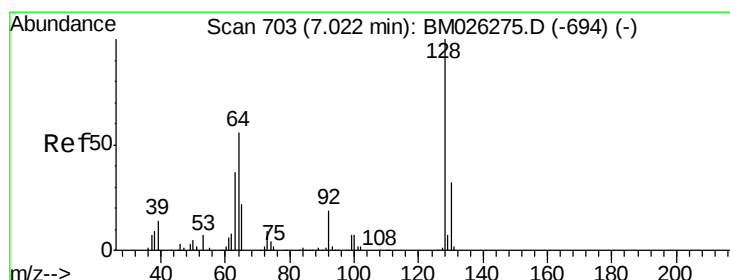
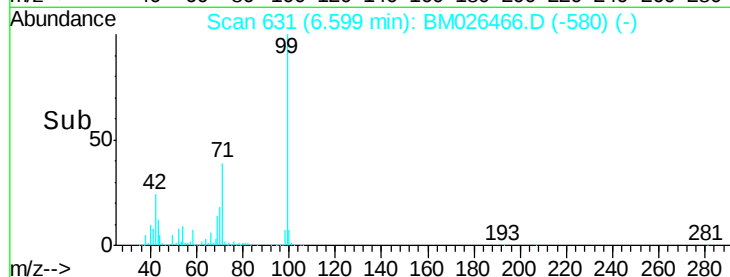
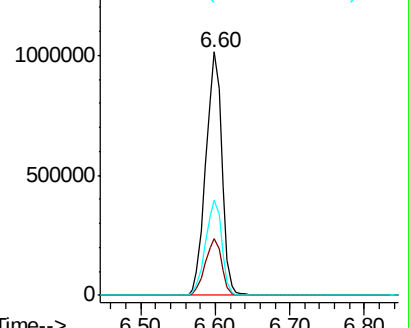
71 39.3 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026275.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BM026275.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BM026275.D (-631) (-)



#8

2-Chlorophenol

Concen: 10.094 ng

RT: 6.96 min Scan# 693

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

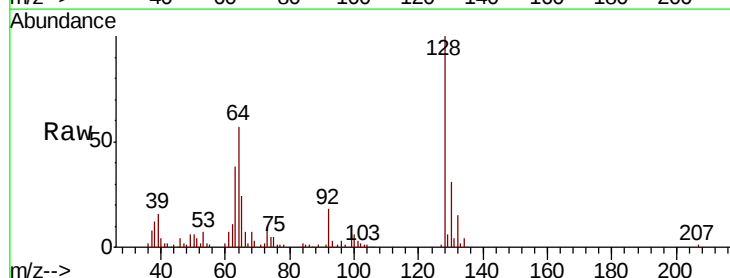
Tgt Ion:128 Resp: 71123

Ion Ratio Lower Upper

128 100

130 30.7 12.3 52.3

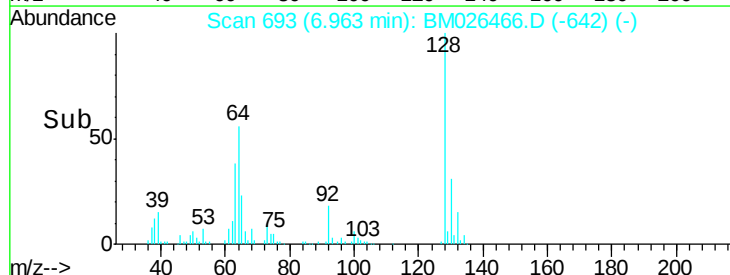
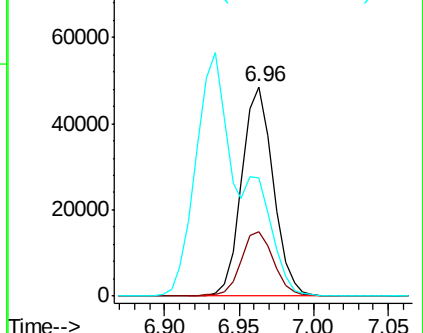
64 56.8 36.4 76.4

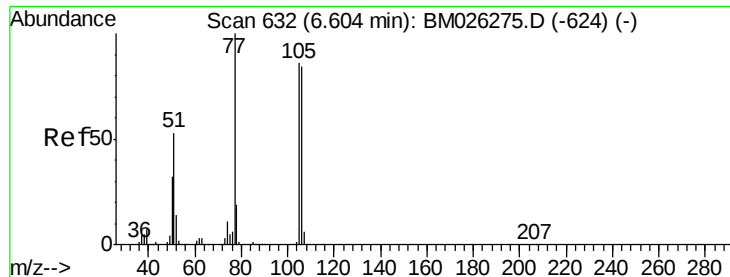


Abundance Ion 128.00 (127.70 to 128.70): BM026275.D (-694) (-)

Ion 130.00 (129.70 to 130.70): BM026275.D (-694) (-)

Ion 64.00 (63.70 to 64.70): BM026275.D (-694) (-)





#9

Benzaldehyde

Concen: 13.325 ng

RT: 6.55 min Scan# 622

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

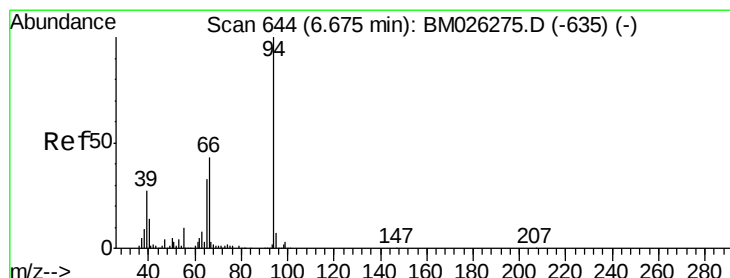
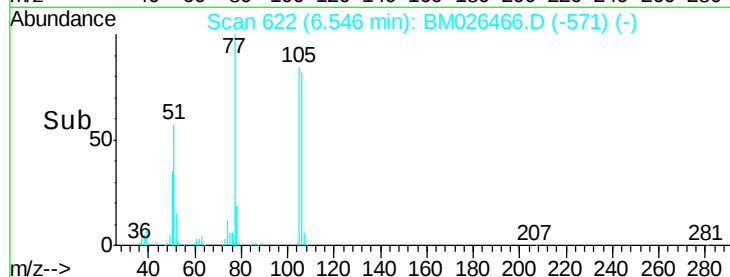
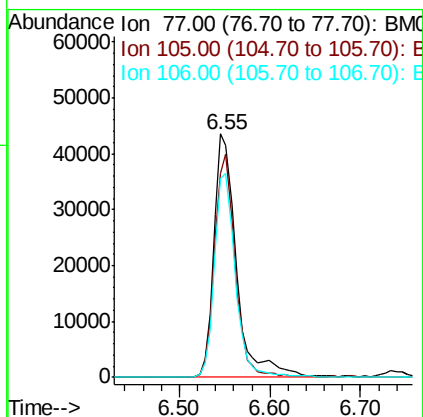
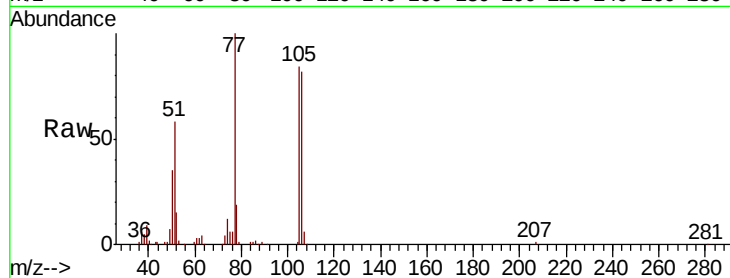
Tot Ion: 77 Resp: 75162

Ion Ratio Lower Upper

77 100

105 83.8 71.5 111.5

106 81.8 64.7 104.7



#10

Phenol

Concen: 9.911 ng

RT: 6.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

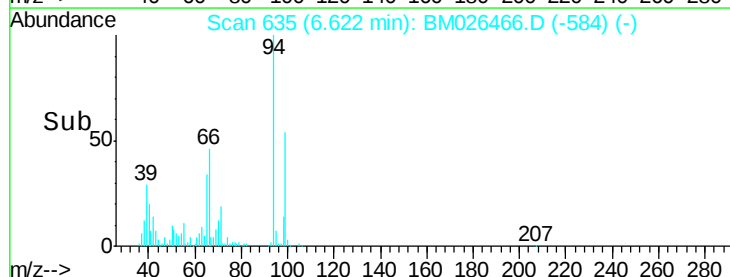
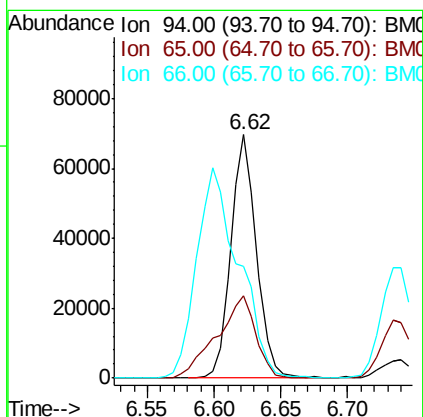
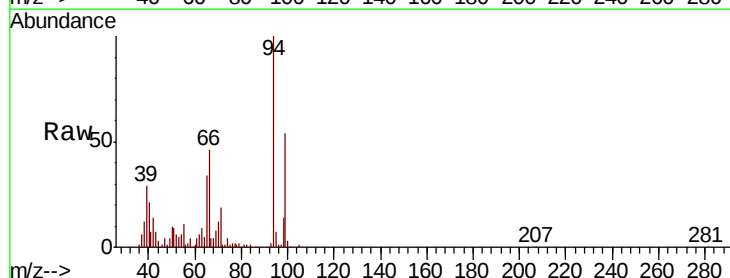
Tgt Ion: 94 Resp: 93364

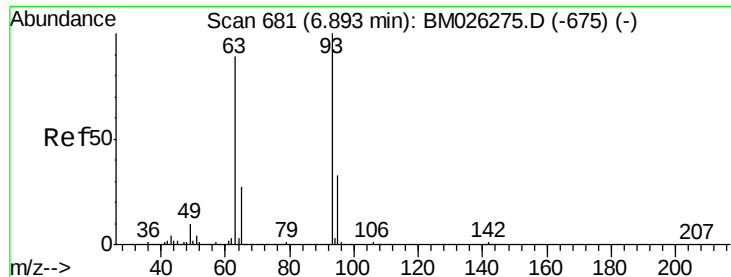
Ion Ratio Lower Upper

94 100

65 33.7 11.4 51.4

66 46.1 21.7 61.7

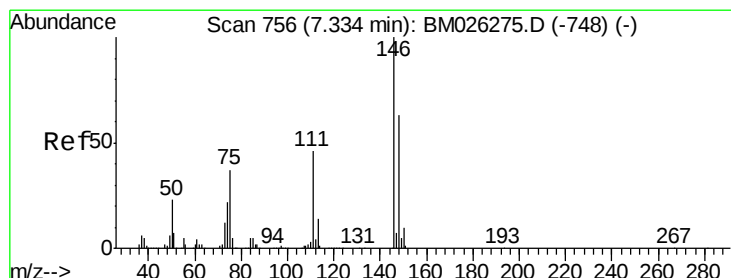
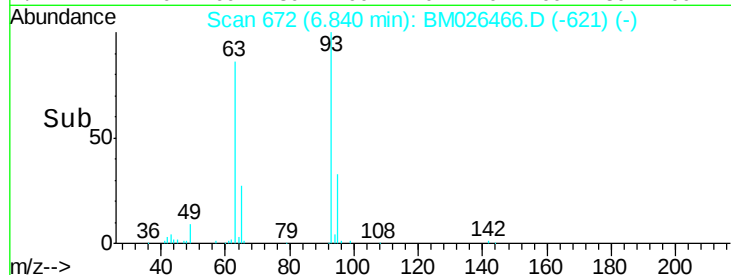
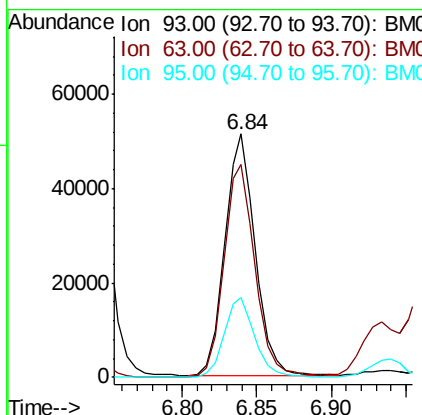
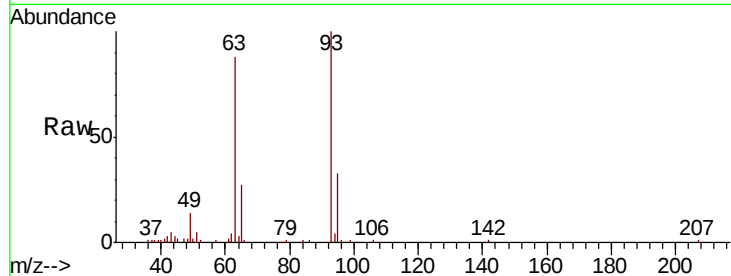




#11  
bis(2-Chloroethyl)ether  
Concen: 9.680 ng  
RT: 6.84 min Scan# 672  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

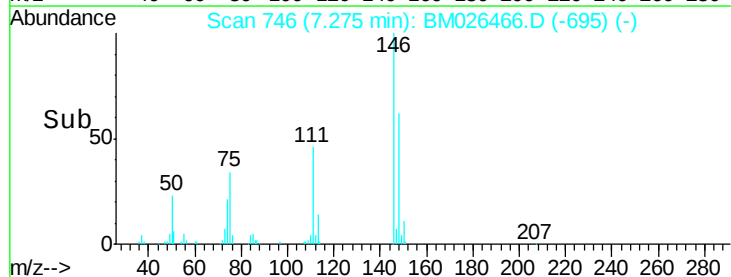
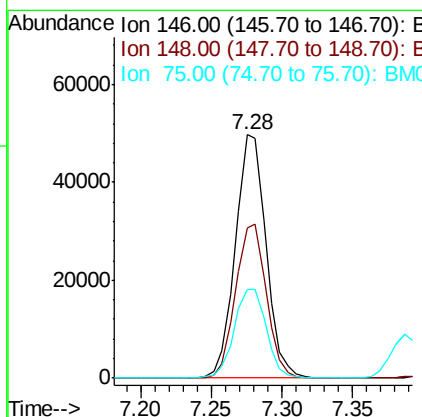
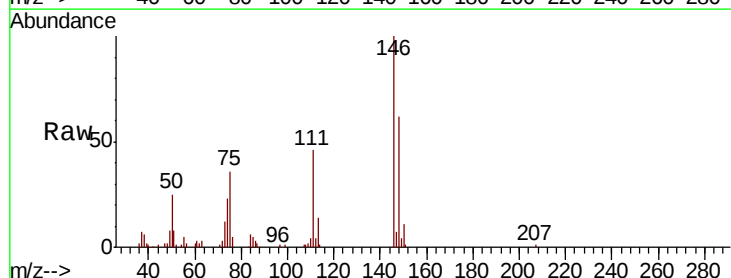
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

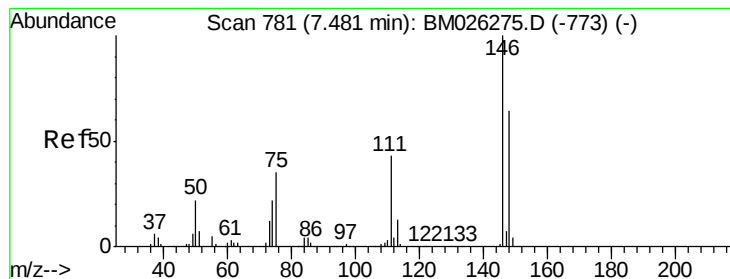
Tot Ion: 93 Resp: 73451  
Ion Ratio Lower Upper  
93 100  
63 87.6 66.7 106.7  
95 32.9 14.5 54.5



#12  
1,3-Dichlorobenzene  
Concen: 9.668 ng  
RT: 7.28 min Scan# 746  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

Tgt Ion: 146 Resp: 75420  
Ion Ratio Lower Upper  
146 100  
148 61.6 50.3 75.5  
75 36.4 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 9.847 ng

RT: 7.42 min Scan# 771

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

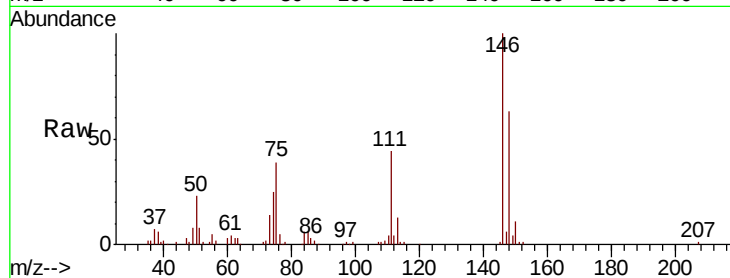
Tot Ion:146 Resp: 78249

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.2

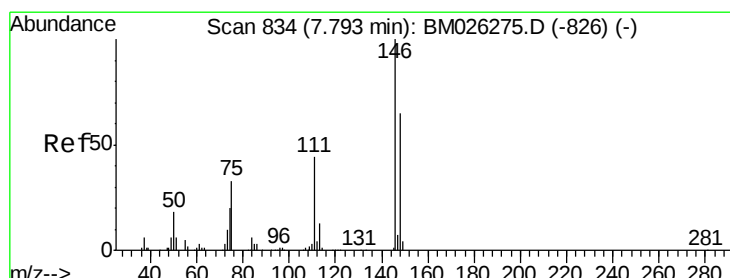
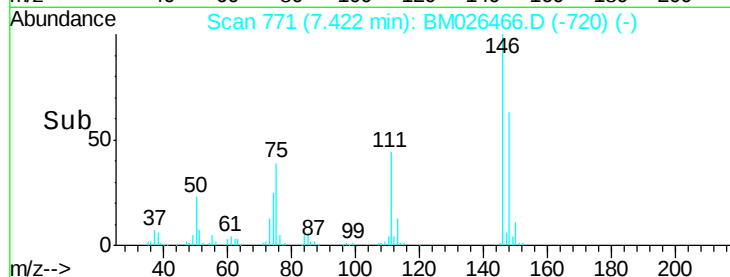
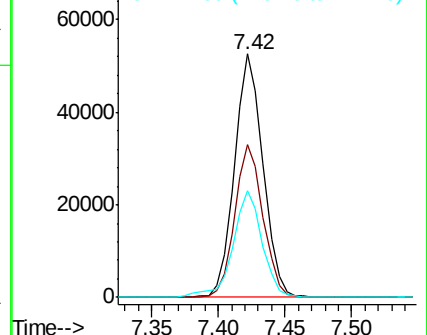
111 43.6 34.9 52.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 9.836 ng

RT: 7.73 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

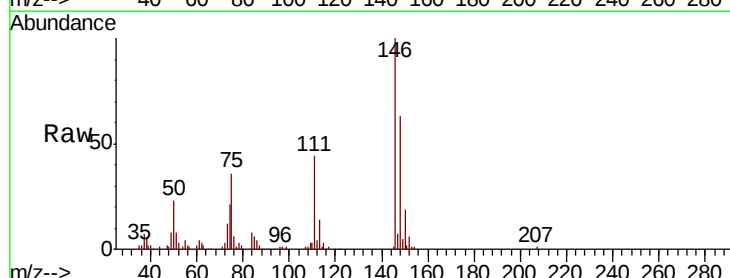
Tgt Ion:146 Resp: 76351

Ion Ratio Lower Upper

146 100

148 62.8 50.8 76.2

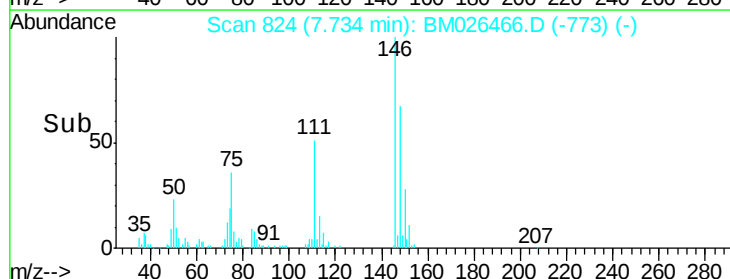
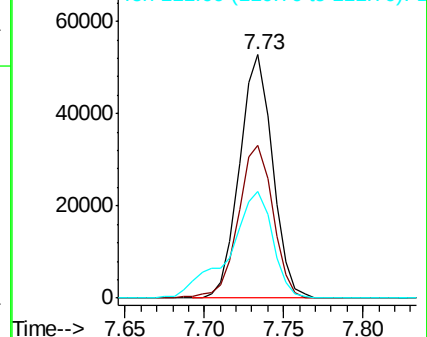
111 43.8 35.4 53.0

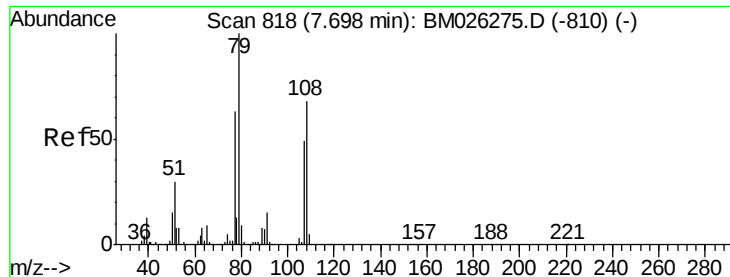


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 9.015 ng

RT: 7.64 min Scan# 808

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

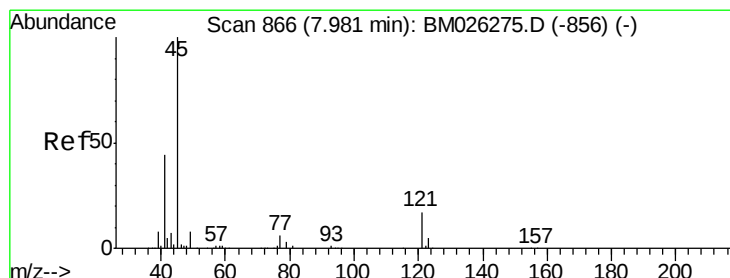
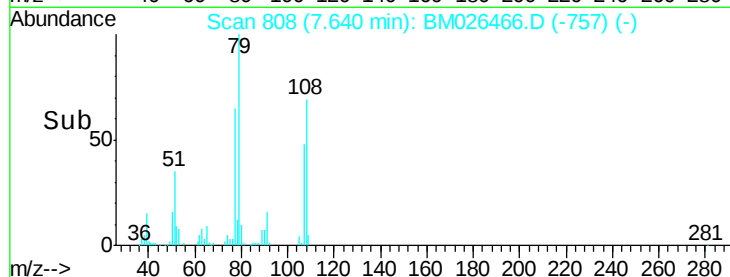
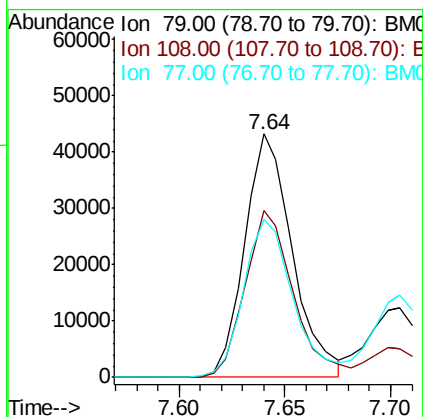
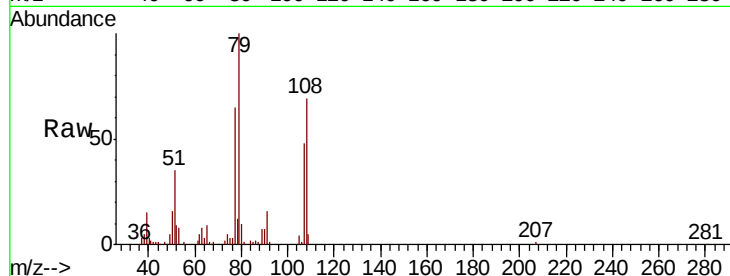
Tot Ion: 79 Resp: 67721

Ion Ratio Lower Upper

79 100

108 68.5 54.6 82.0

77 65.0 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.032 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

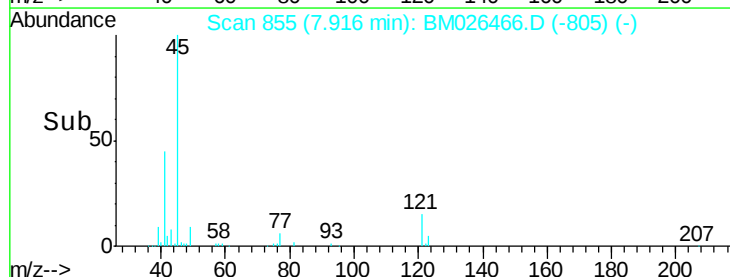
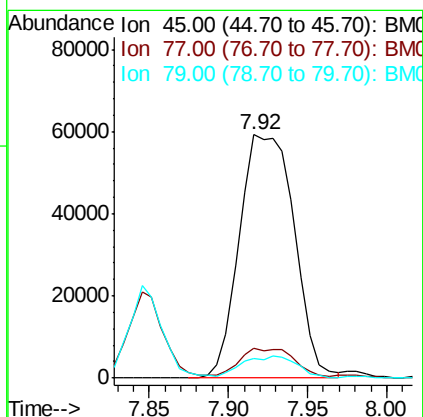
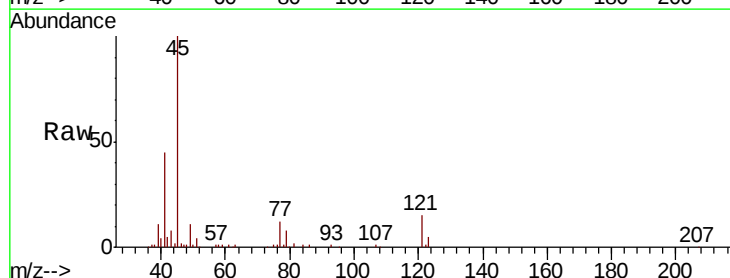
Tgt Ion: 45 Resp: 142167

Ion Ratio Lower Upper

45 100

77 12.0 0.0 31.8

79 8.1 0.0 28.9





#17

2-Methylphenol

Concen: 8.867 ng

RT: 7.85 min Scan# 843

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:107 Resp: 61051

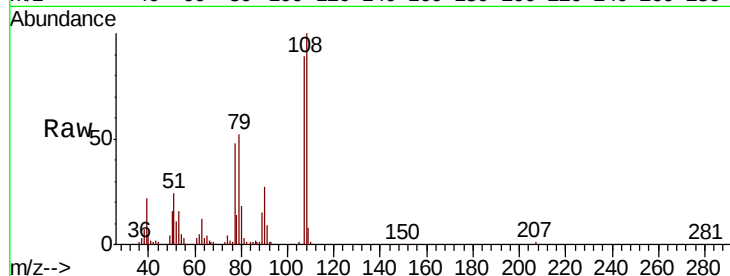
Ion Ratio Lower Upper

107 100

108 112.2 88.5 132.7

77 54.0 40.6 60.8

79 57.9 39.6 59.4

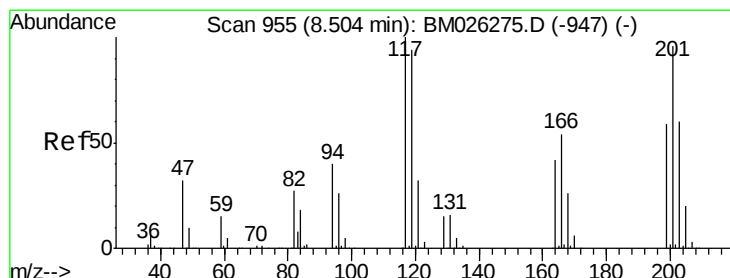
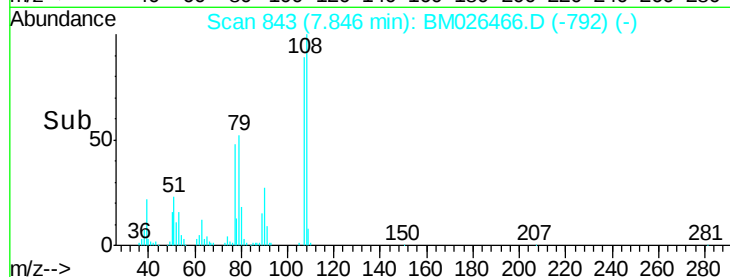
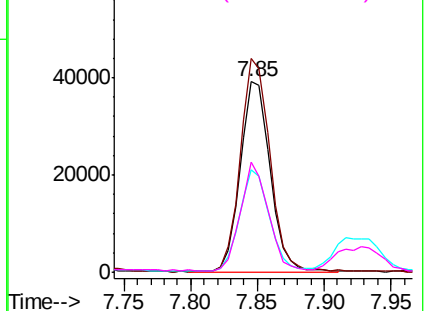


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 9.597 ng

RT: 8.44 min Scan# 944

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

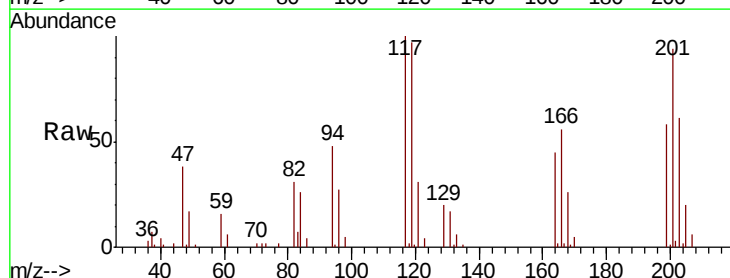
Tgt Ion:117 Resp: 28882

Ion Ratio Lower Upper

117 100

119 97.0 77.8 116.6

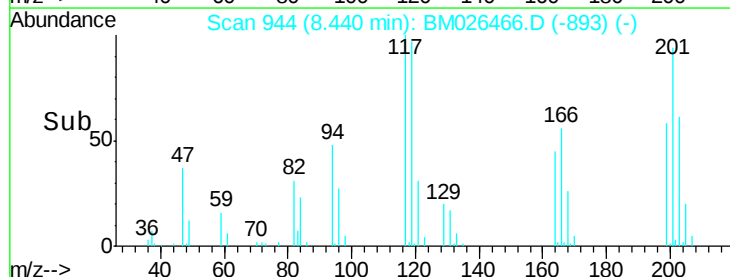
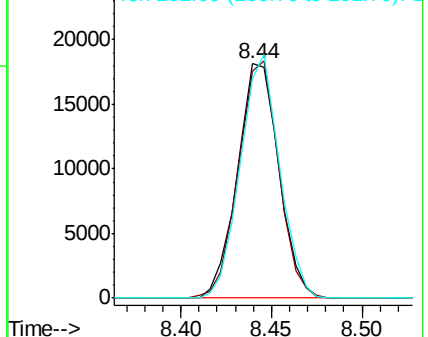
201 93.9 79.9 119.9



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

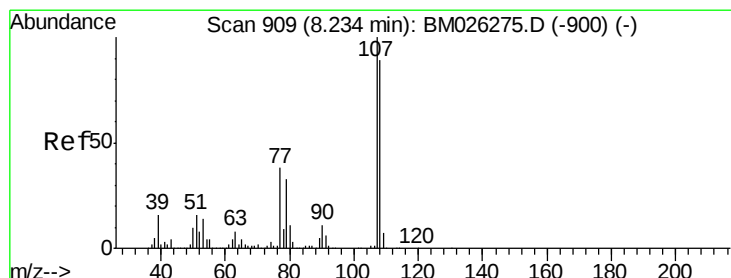
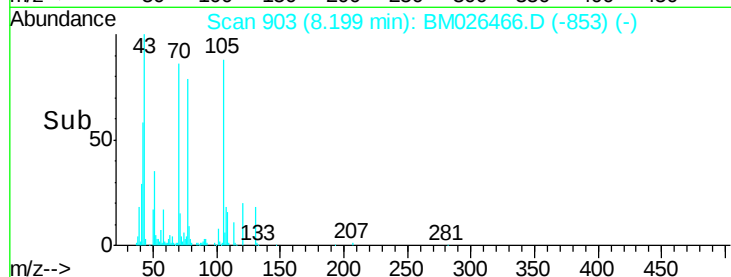
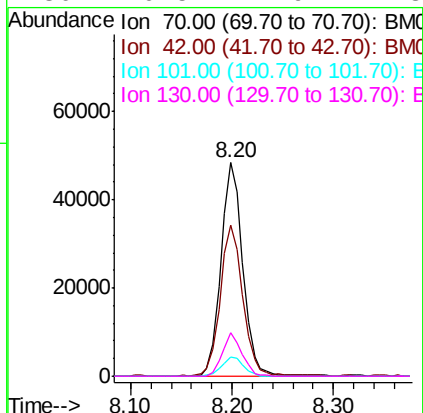
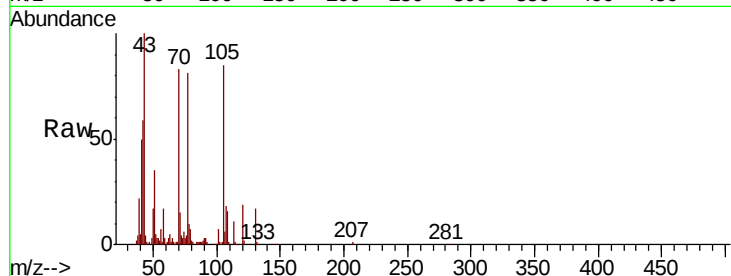




#19  
n-Nitroso-di-n-propylamine  
Concen: 10.481 ng  
RT: 8.20 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

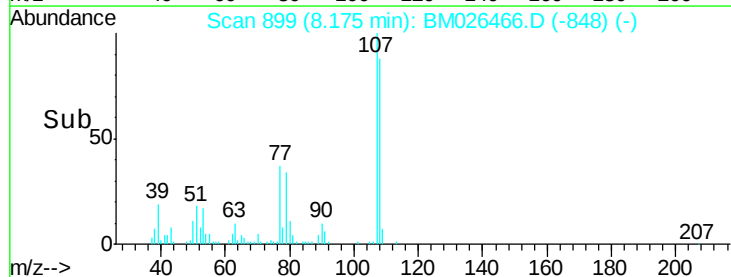
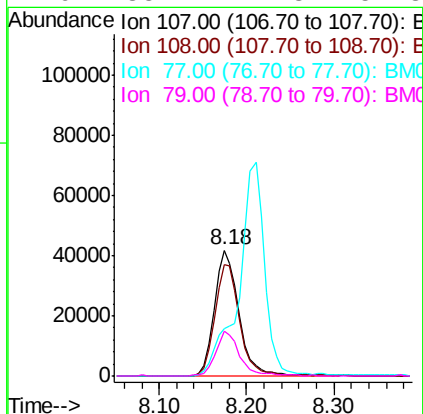
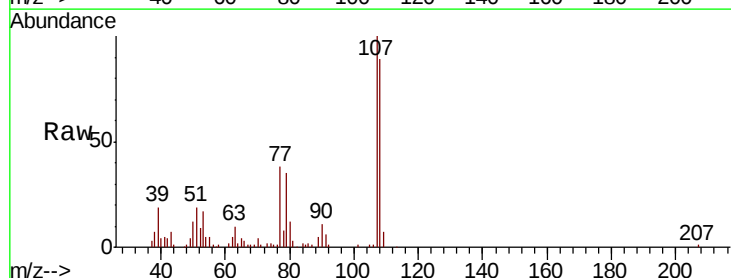
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

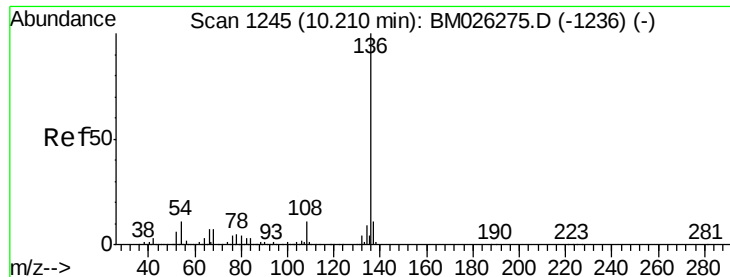
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 72249 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 71.0  | 52.2  | 78.4  |
| 101      | 8.7   | 7.0   | 10.6  |
| 130      | 20.5  | 14.9  | 22.3  |



#20  
3+4-Methylphenols  
Concen: 8.668 ng  
RT: 8.18 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 81348 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 88.7  | 70.4  | 110.4 |
| 77       | 38.1  | 17.3  | 57.3  |
| 79       | 35.2  | 12.3  | 52.3  |

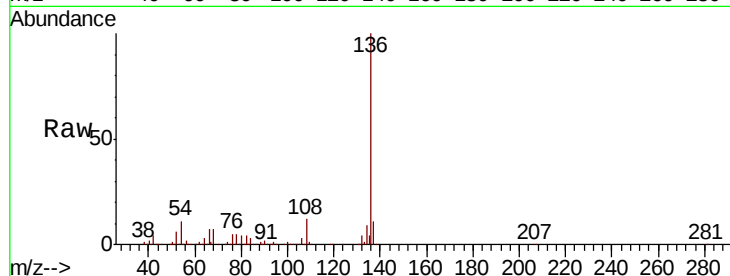




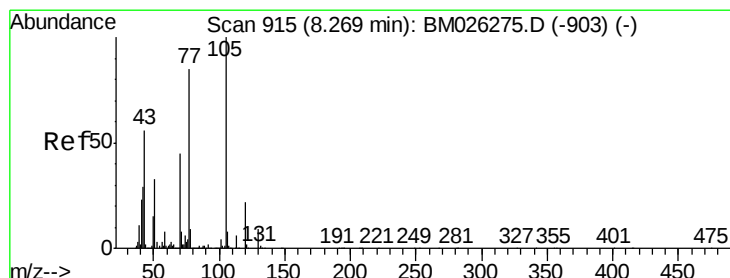
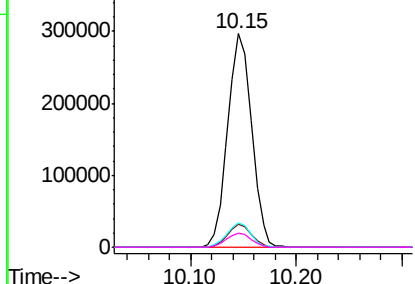
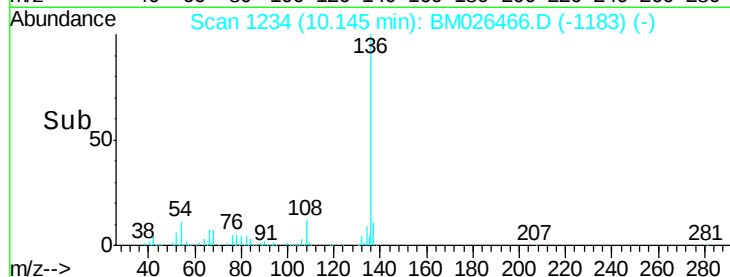
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.15 min Scan# 1234  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

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

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 466798 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.8    | 8.5 12.7     |
| 54 11.1     | 9.0 13.6     |
| 68 6.8      | 5.6 8.4      |

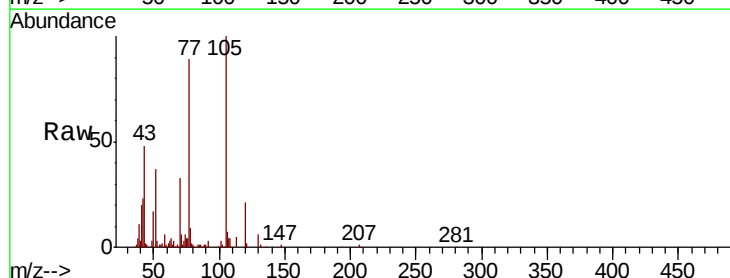


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM0  
Ion 68.00 (67.70 to 68.70): BM0

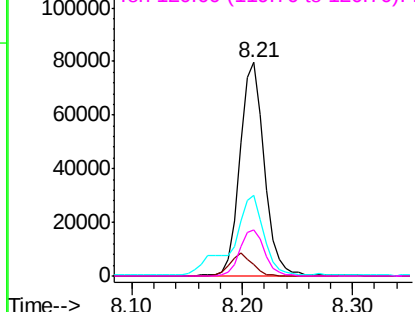
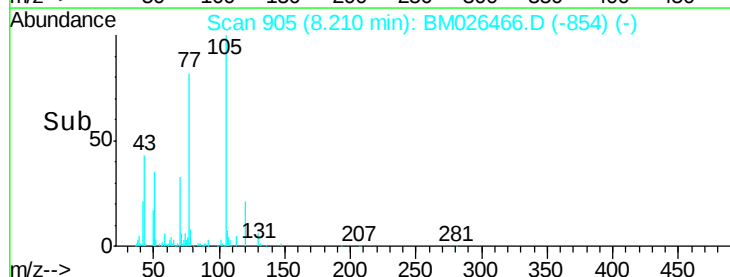


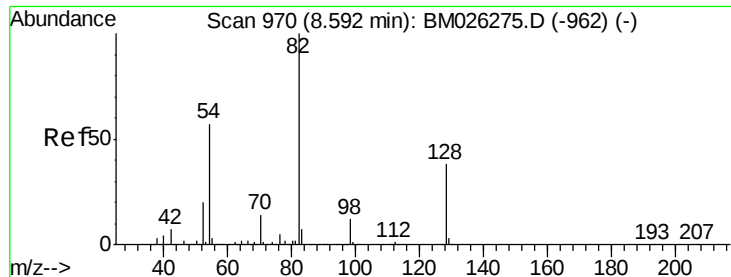
#22  
Acetophenone  
Concen: 10.374 ng  
RT: 8.21 min Scan# 905  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 124515 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 5.6     | 4.5   | 6.7    |
| 51  | 37.5    | 25.2  | 37.8   |
| 120 | 21.5    | 17.0  | 25.6   |



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

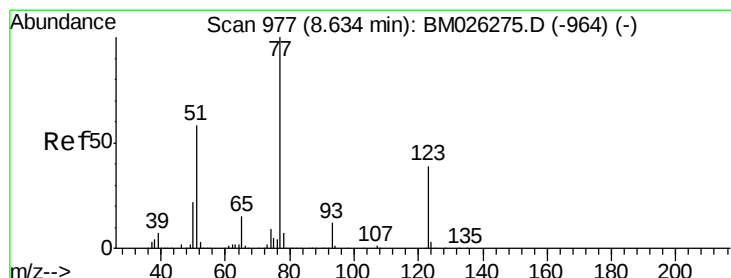
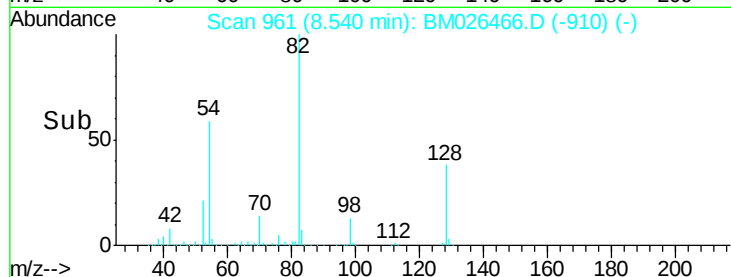
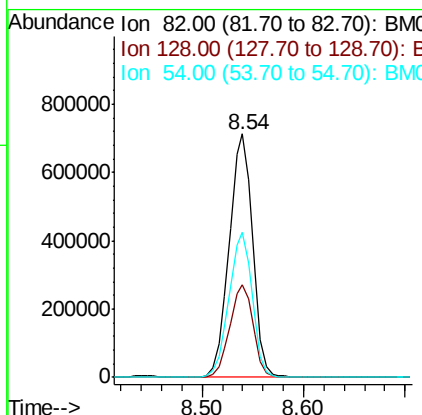
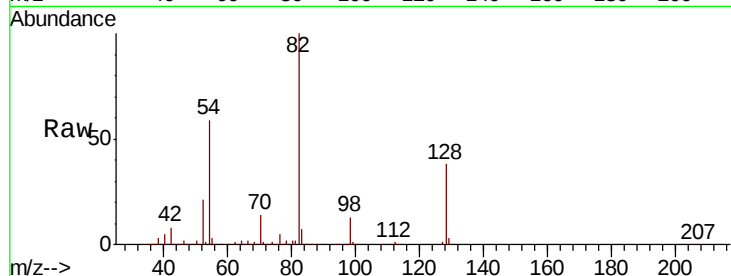




#23  
Nitrobenzene-d5  
Concen: 119.756 ng  
RT: 8.54 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

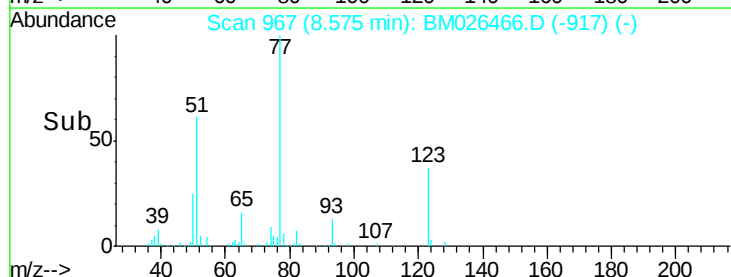
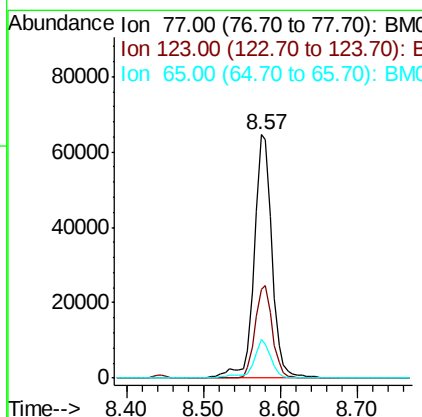
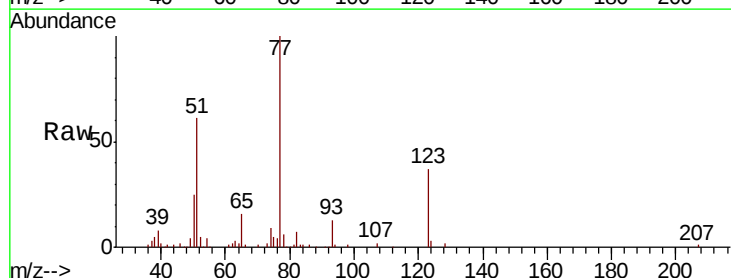
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

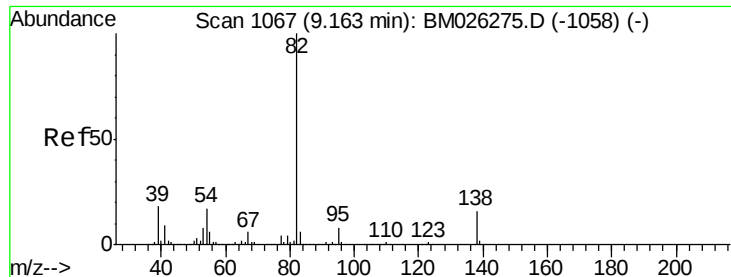
Tot Ion: 82 Resp: 1138532  
Ion Ratio Lower Upper  
82 100  
128 38.0 31.0 46.6  
54 59.4 45.4 68.2



#24  
Nitrobenzene  
Concen: 10.600 ng  
RT: 8.57 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

Tgt Ion: 77 Resp: 105490  
Ion Ratio Lower Upper  
77 100  
123 36.7 32.0 48.0  
65 15.9 11.8 17.8





#25

Isophorone

Concen: 10.398 ng

RT: 9.10 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

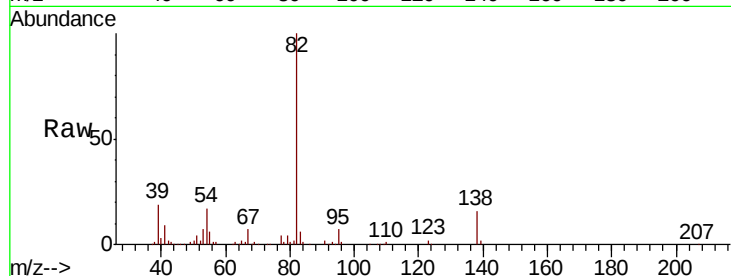
Tot Ion: 82 Resp: 185722

Ion Ratio Lower Upper

82 100

95 6.7 6.0 9.0

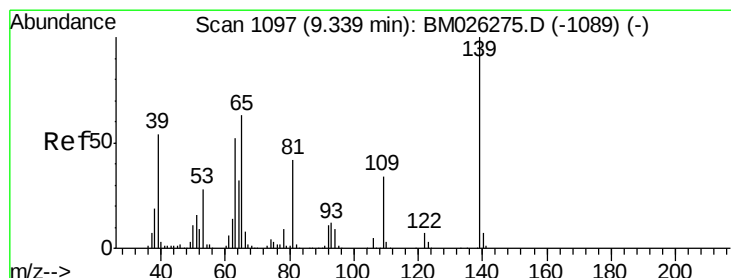
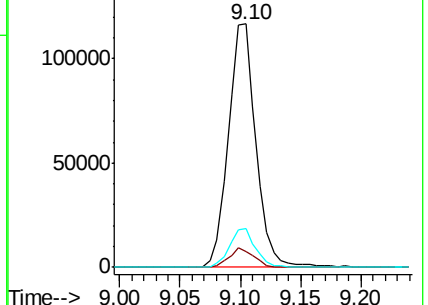
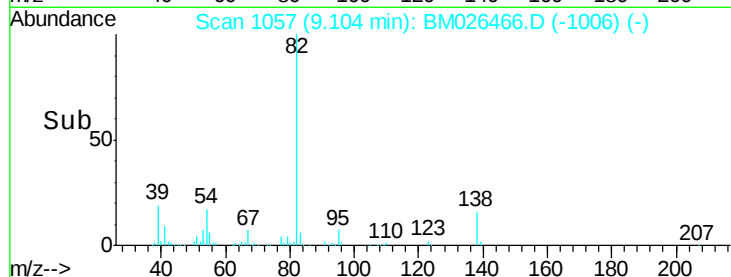
138 16.1 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BM026466.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM026466.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM026466.D (-1058) (-)



#26

2-Nitrophenol

Concen: 9.444 ng

RT: 9.28 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

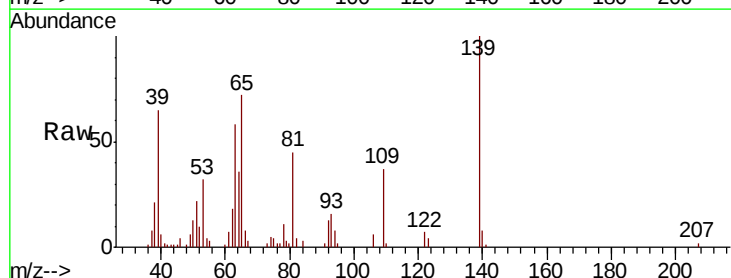
Tgt Ion: 139 Resp: 37197

Ion Ratio Lower Upper

139 100

109 37.2 25.2 37.8

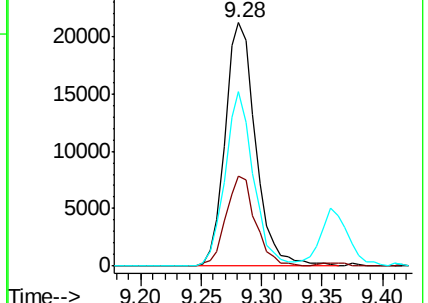
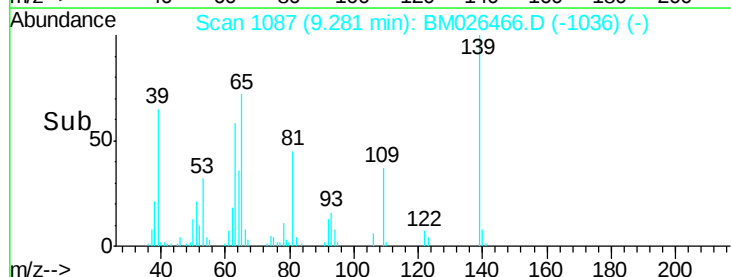
65 71.9 47.1 70.7#



Abundance Ion 139.00 (138.70 to 139.70): BM026466.D (-1089) (-)

Ion 109.00 (108.70 to 109.70): BM026466.D (-1089) (-)

Ion 65.00 (64.70 to 65.70): BM026466.D (-1089) (-)

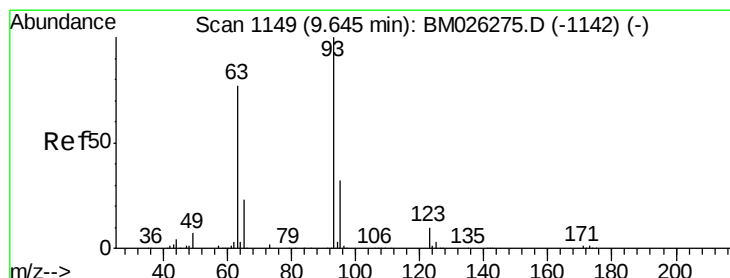
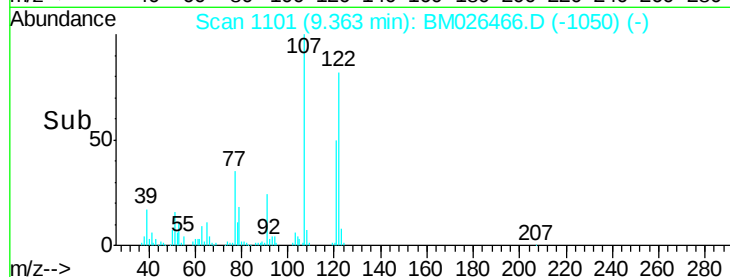
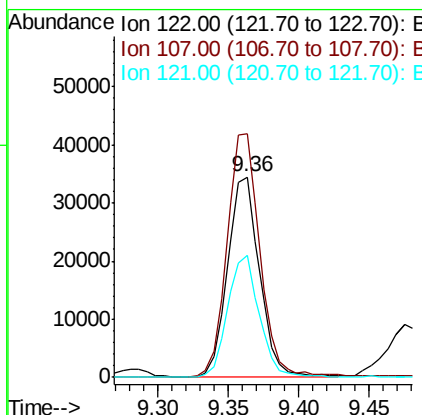
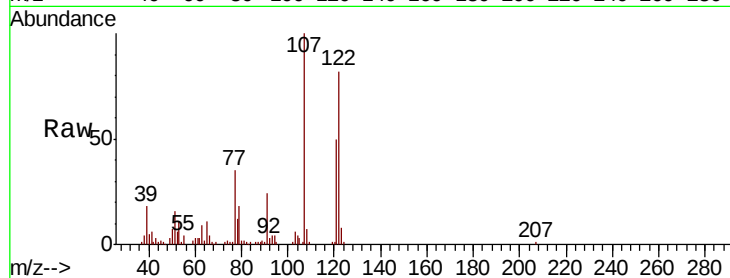




#27  
2,4-Dimethylphenol  
Concen: 8.774 ng  
RT: 9.36 min Scan# 1101  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

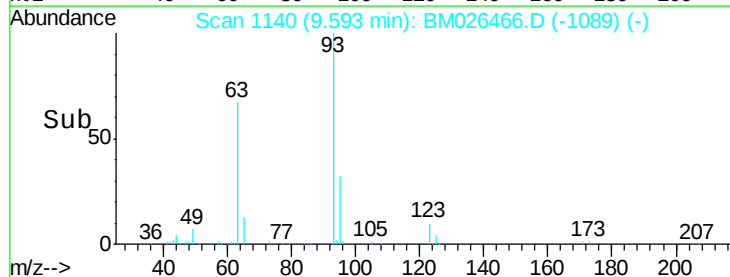
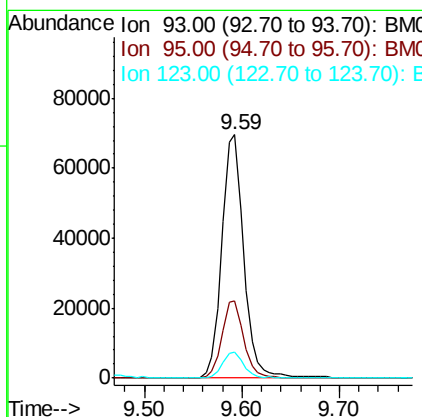
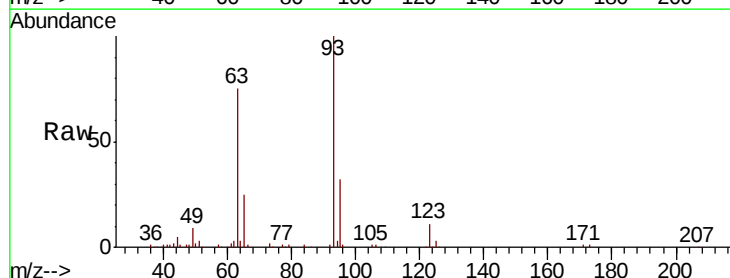
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

Tot Ion:122 Resp: 54559  
Ion Ratio Lower Upper  
122 100  
107 121.6 96.1 144.1  
121 61.1 46.0 69.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 10.708 ng  
RT: 9.59 min Scan# 1140  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

Tgt Ion: 93 Resp: 108510  
Ion Ratio Lower Upper  
93 100  
95 31.7 25.9 38.9  
123 10.7 8.9 13.3

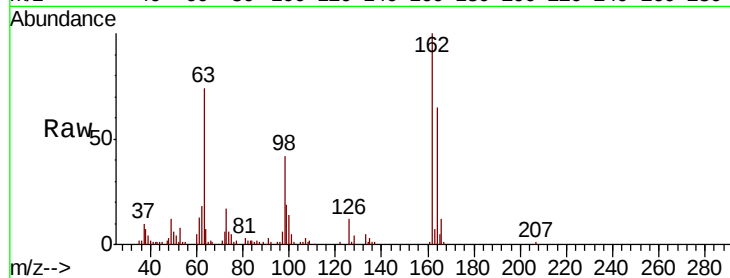




#29  
2,4-Dichlorophenol  
Concen: 9.441 ng  
RT: 9.82 min Scan# 1178  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.0  | 46.2  | 86.2  |
| 98      | 42.4  | 19.0  | 59.0  |

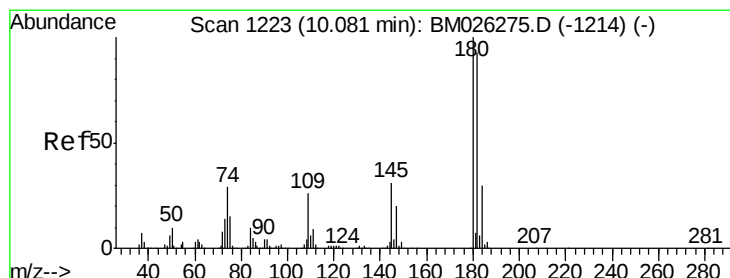
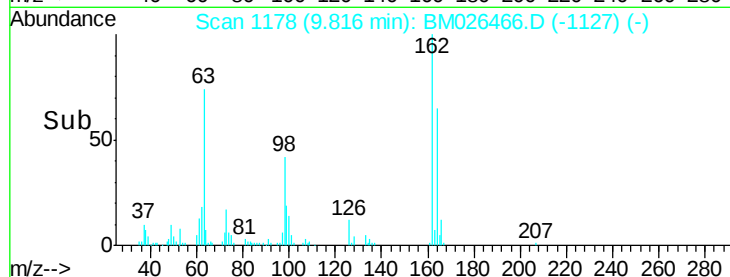
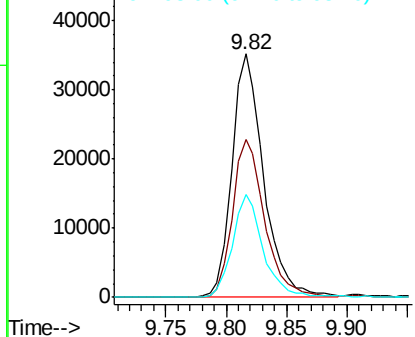


Abundance

Ion 162.00 (161.70 to 162.70): E

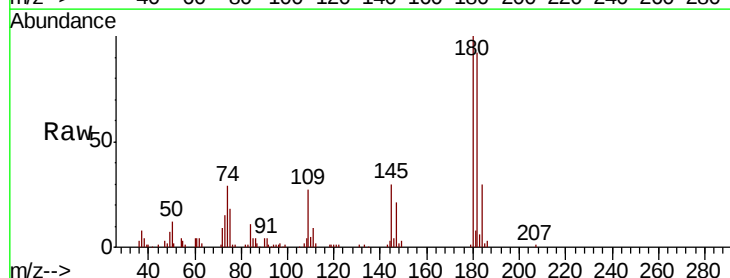
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30  
1,2,4-Trichlorobenzene  
Concen: 10.269 ng  
RT: 10.02 min Scan# 1212  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.5  | 77.3  | 115.9 |
| 145     | 30.0  | 26.6  | 40.0  |

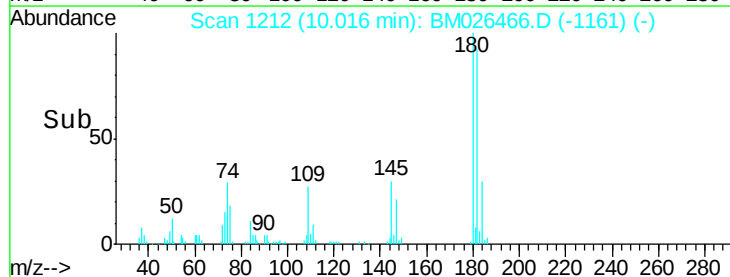
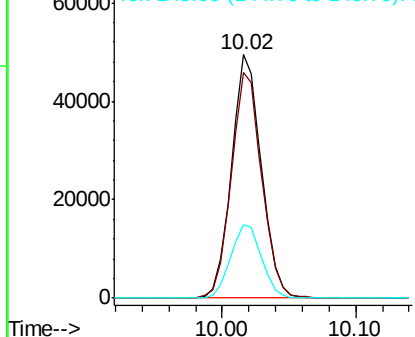


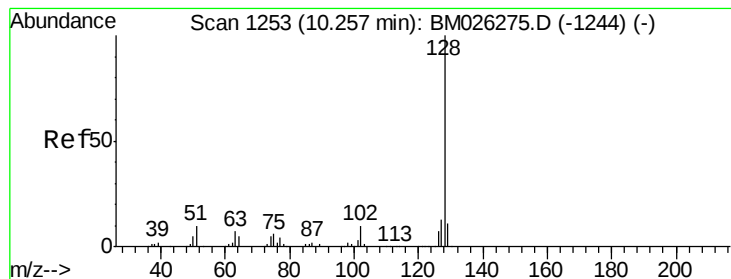
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

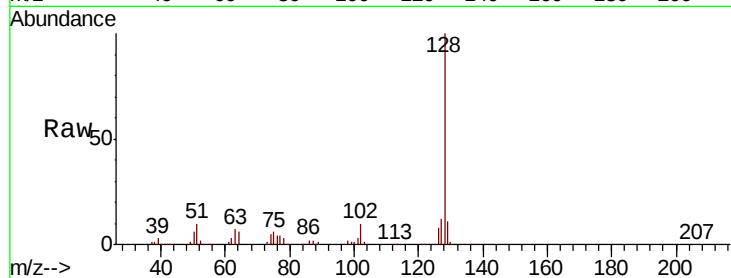




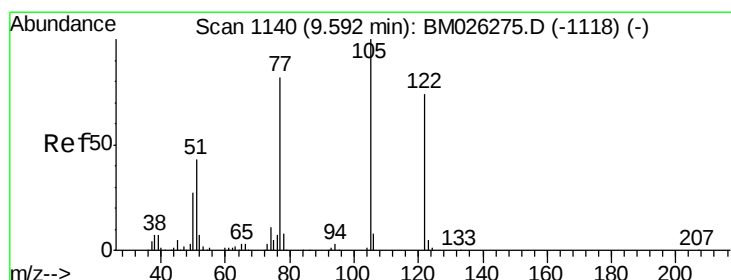
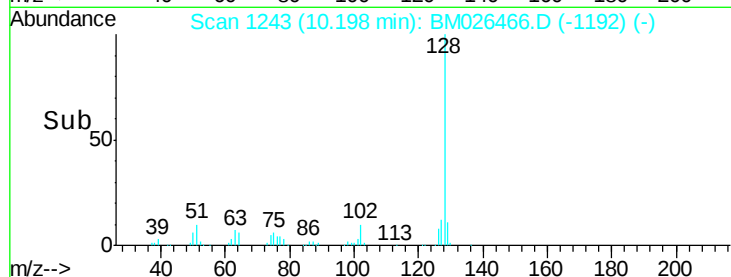
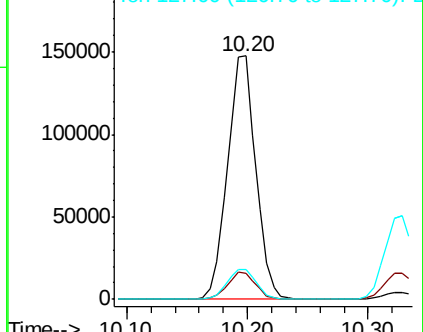
#31  
Naphthalene  
Concen: 10.242 ng  
RT: 10.20 min Scan# 1243  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

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

Tot Ion:128 Resp: 240936  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.4 12.6  
127 12.4 10.2 15.4

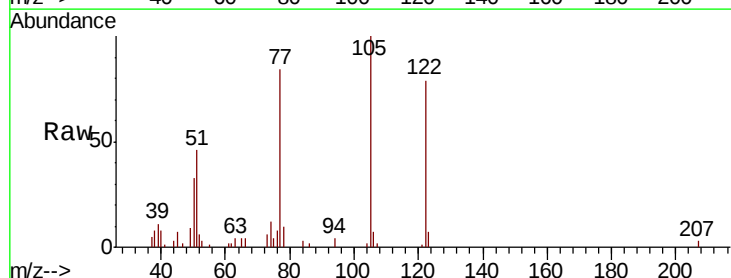


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

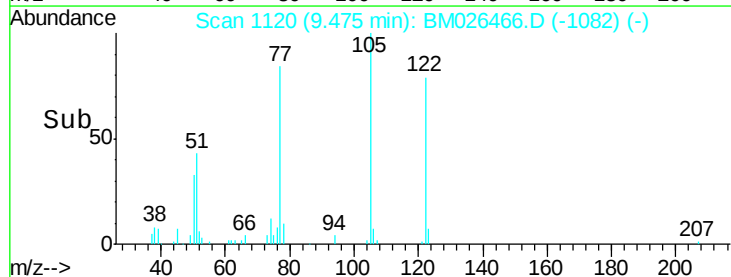
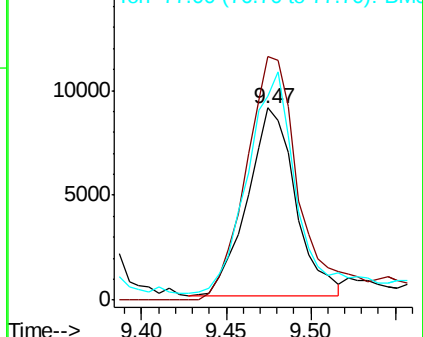


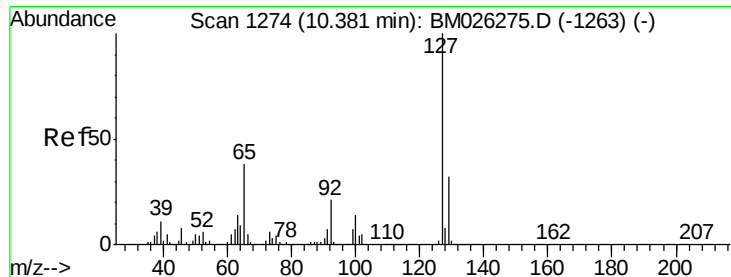
#32  
Benzoic acid  
Concen: 3.816 ng  
RT: 9.47 min Scan# 1120  
Delta R.T. -0.08 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

Tgt Ion:122 Resp: 17630  
Ion Ratio Lower Upper  
122 100  
105 126.8 108.9 148.9  
77 106.3 90.1 130.1



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BM

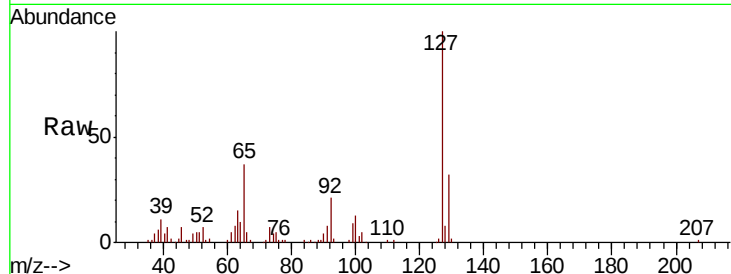




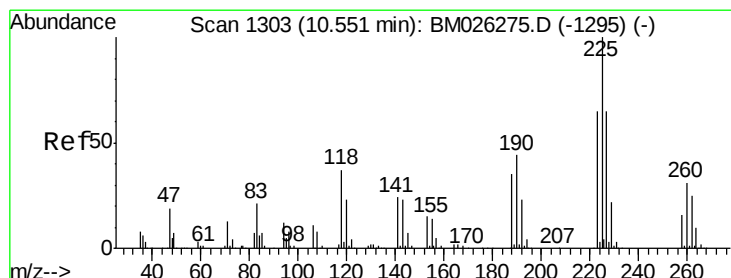
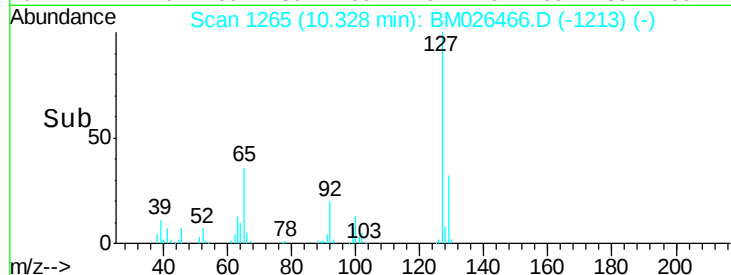
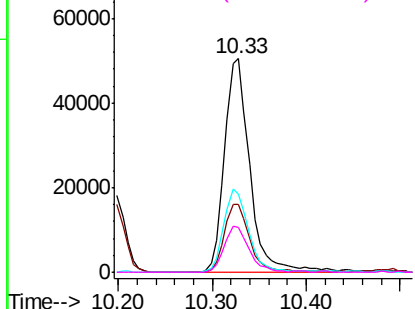
#33  
4-Chloroaniline  
Concen: 9.236 ng  
RT: 10.33 min Scan# 1265  
Delta R.T. 0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

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

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:127 | Resp: | 94763       |
| Ion         | Ratio | Lower Upper |
| 127         | 100   |             |
| 129         | 32.0  | 25.3 37.9   |
| 65          | 36.8  | 30.0 45.0   |
| 92          | 20.9  | 17.1 25.7   |

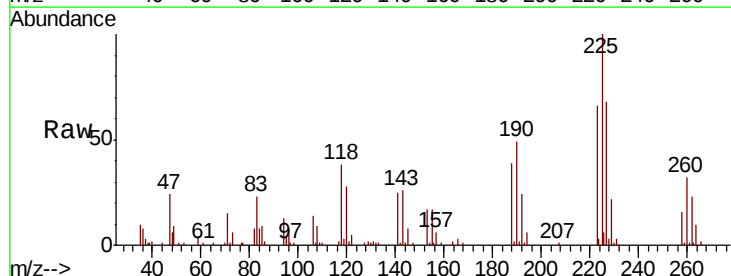


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

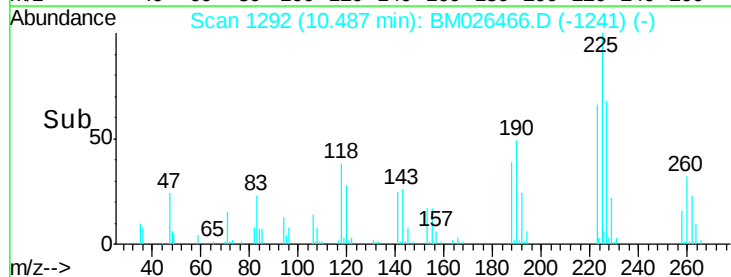
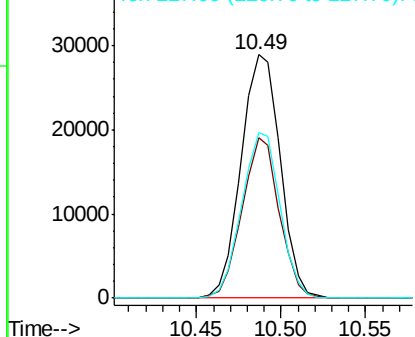


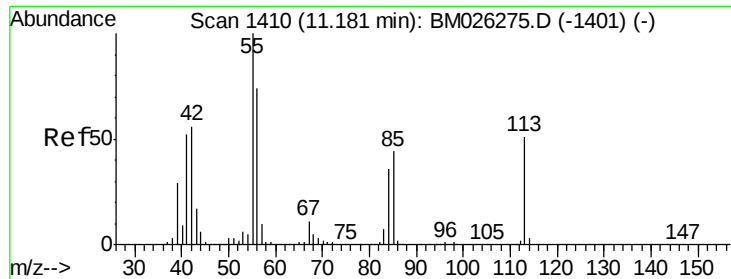
#34  
Hexachlorobutadiene  
Concen: 9.890 ng  
RT: 10.49 min Scan# 1292  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 46708       |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 65.8  | 50.2 75.4   |
| 227         | 67.9  | 49.5 74.3   |



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





#35

Caprolactam

Concen: 10.513 ng

RT: 11.10 min Scan# 1396

Delta R.T. -0.02 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

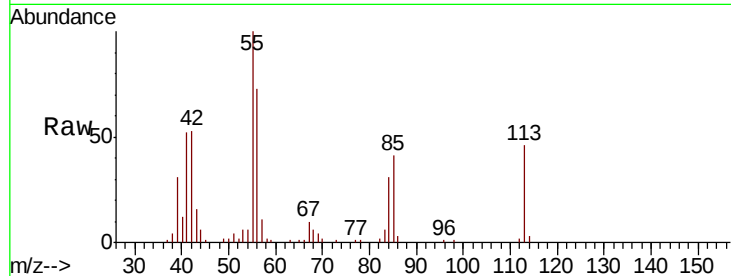
Tot Ion:113 Resp: 25197

Ion Ratio Lower Upper

113 100

55 219.3 177.1 217.1#

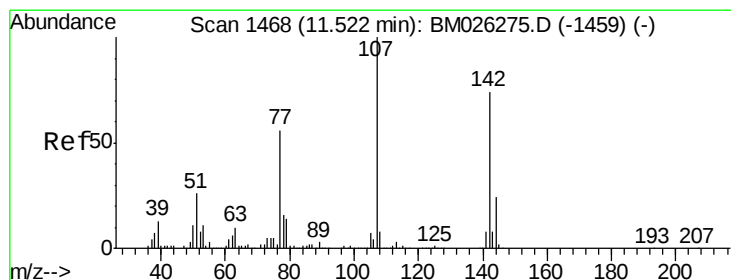
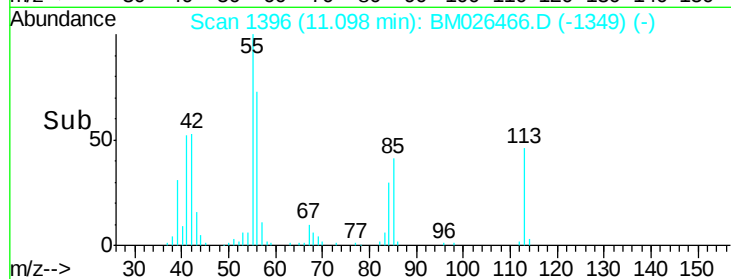
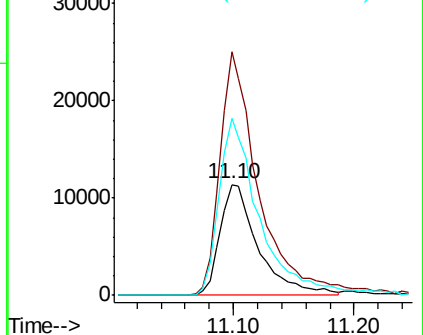
56 159.1 134.8 174.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 9.853 ng

RT: 11.46 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

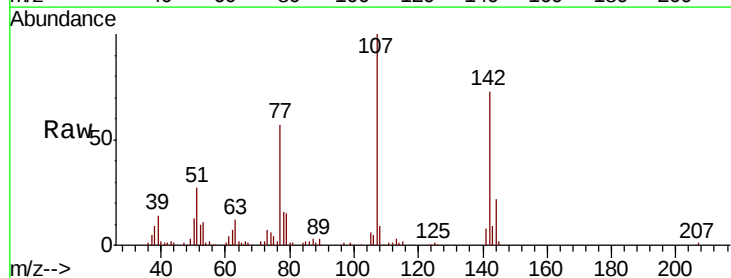
Tgt Ion:107 Resp: 81906

Ion Ratio Lower Upper

107 100

144 22.4 18.7 28.1

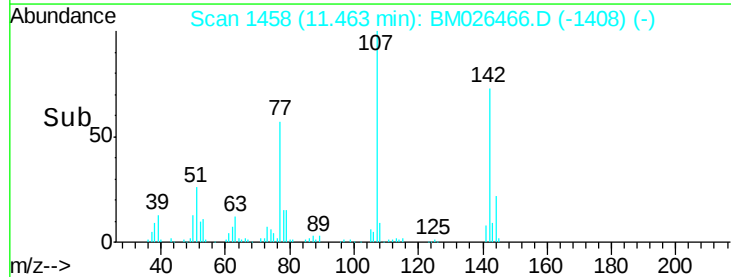
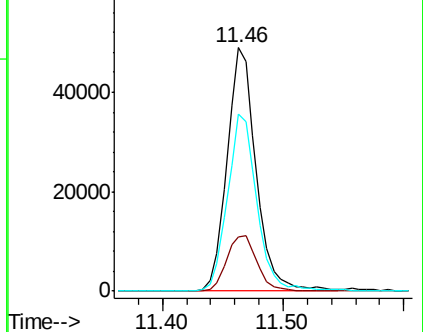
142 72.9 57.7 86.5

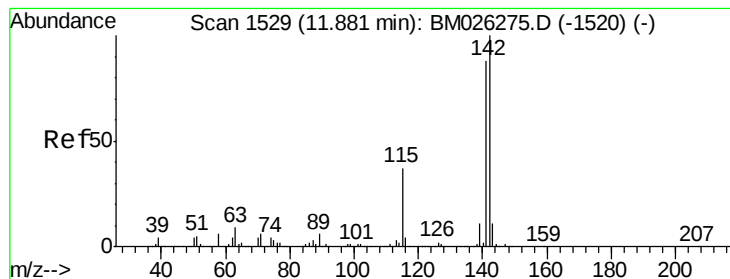


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 10.697 ng

RT: 11.82 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

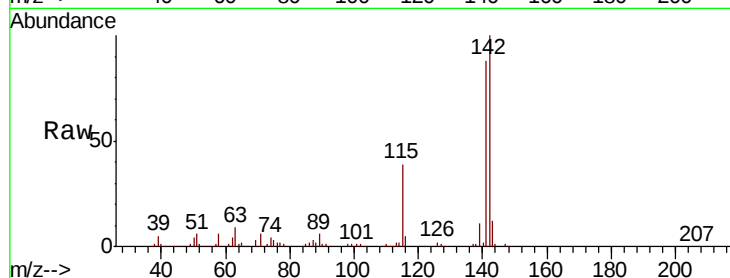
Tot Ion:142 Resp: 179308

Ion Ratio Lower Upper

142 100

141 88.3 70.5 105.7

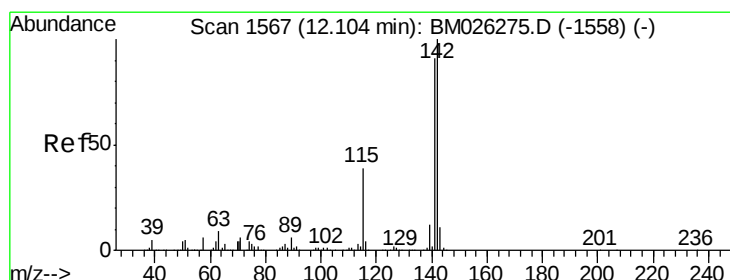
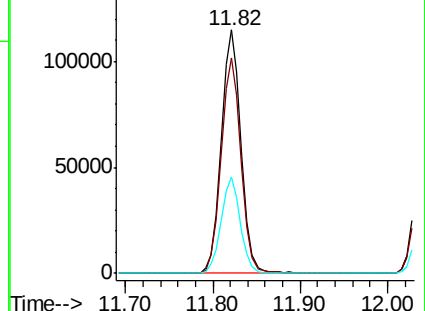
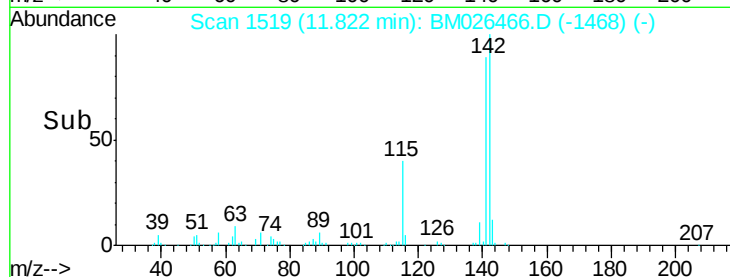
115 39.4 30.2 45.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 10.677 ng

RT: 12.05 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

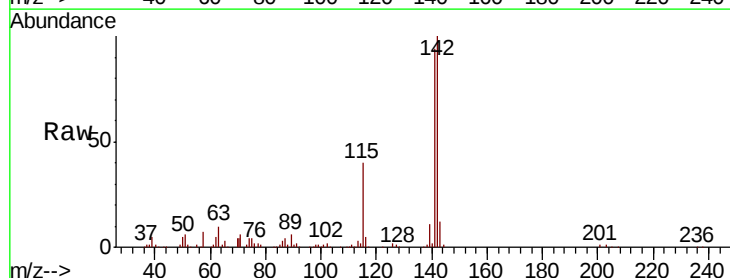
Tgt Ion:142 Resp: 169541

Ion Ratio Lower Upper

142 100

141 93.9 73.3 109.9

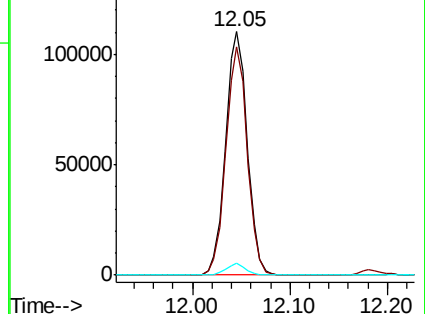
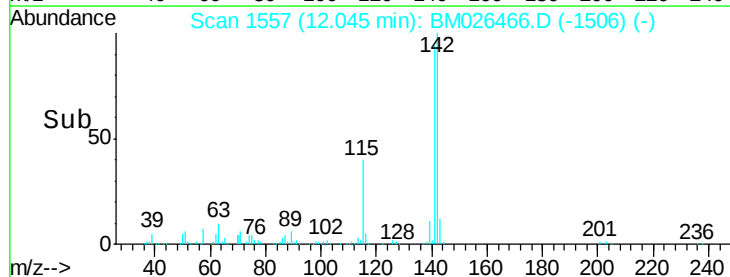
116 4.9 3.4 5.0

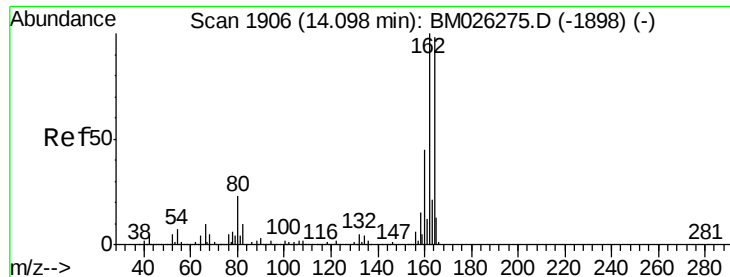


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#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 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

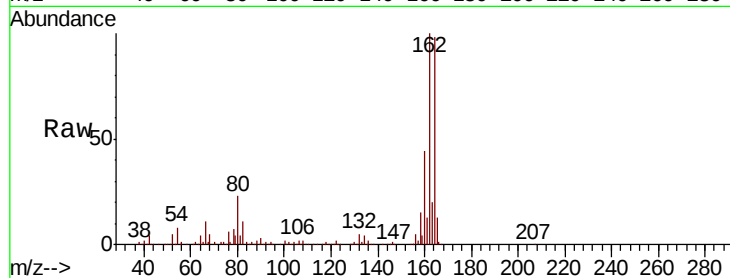
Tot Ion:164 Resp: 316055

Ion Ratio Lower Upper

164 100

162 101.6 77.7 116.5

160 44.6 34.2 51.2

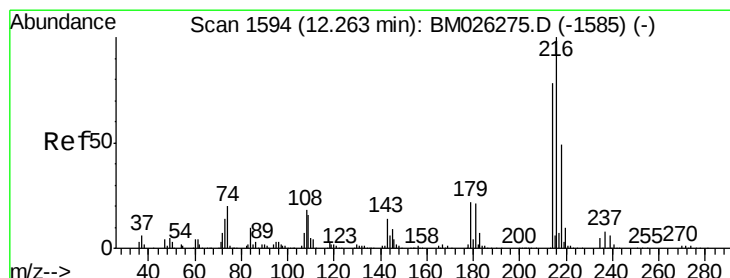
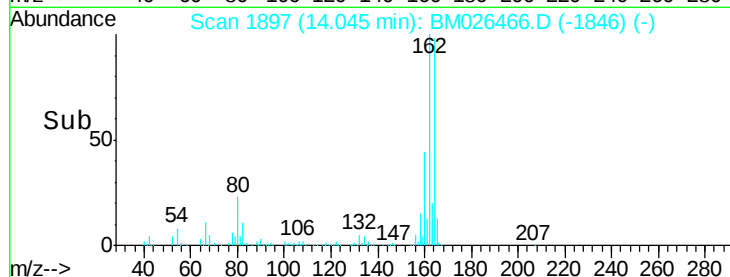
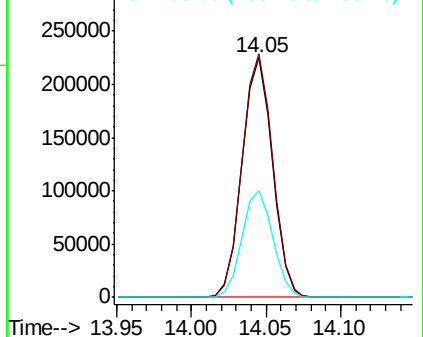


Abundance

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: 10.788 ng

RT: 12.20 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Tgt Ion:216 Resp: 97053

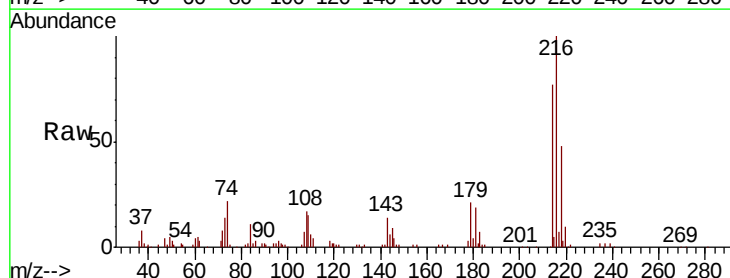
Ion Ratio Lower Upper

216 100

214 76.7 61.9 92.9

179 20.6 16.3 24.5

108 19.3 15.3 22.9



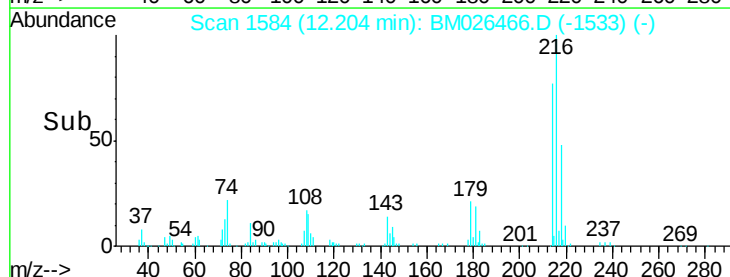
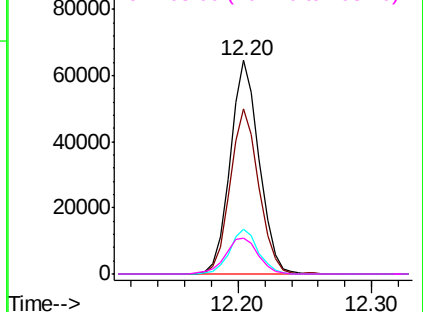
Abundance

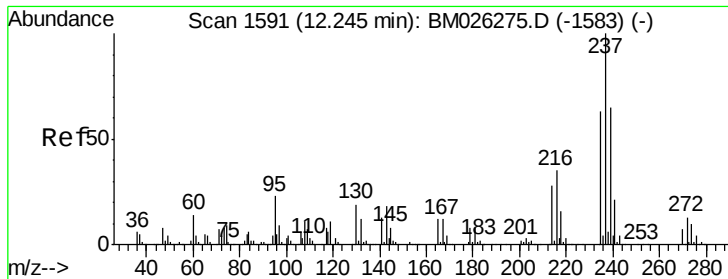
Ion 216.00 (215.70 to 216.70): E

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

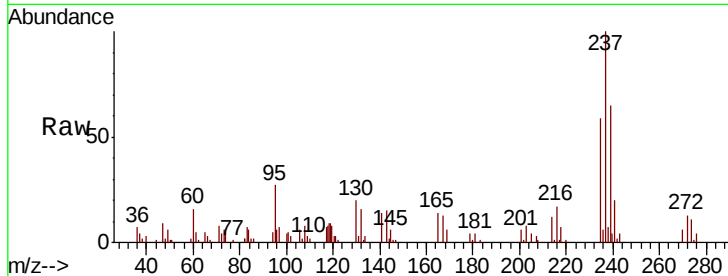




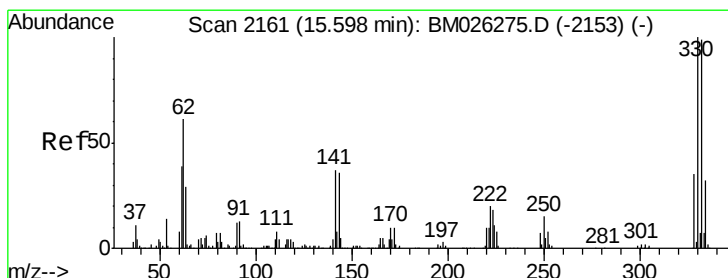
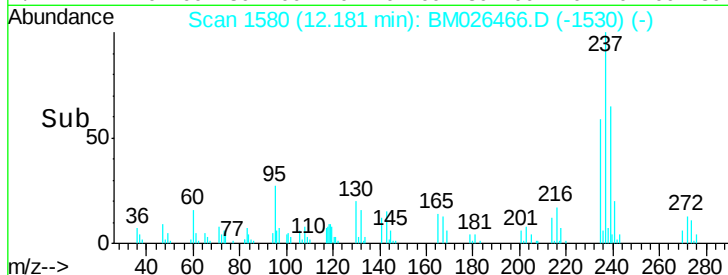
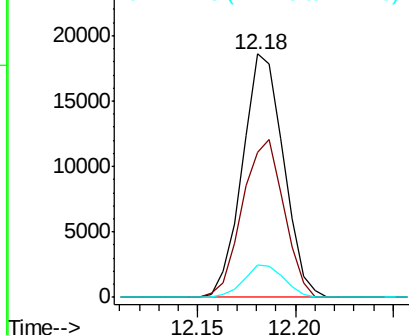
#41  
Hexachlorocyclopentadiene  
Concen: 5.109 ng  
RT: 12.18 min Scan# 1580  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

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

Tot Ion:237 Resp: 27086  
Ion Ratio Lower Upper  
237 100  
235 59.5 42.1 82.1  
272 13.3 0.0 33.5

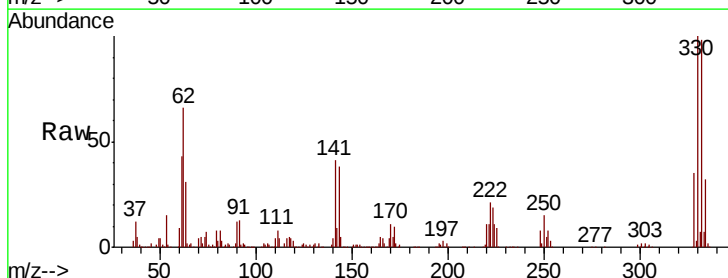


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

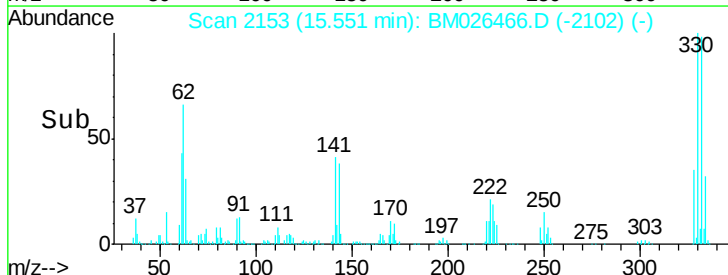
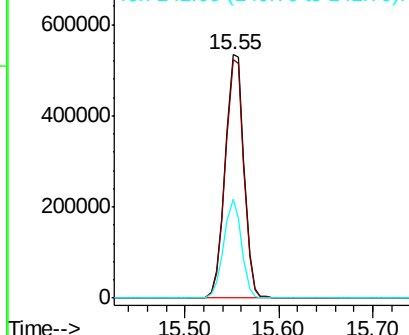


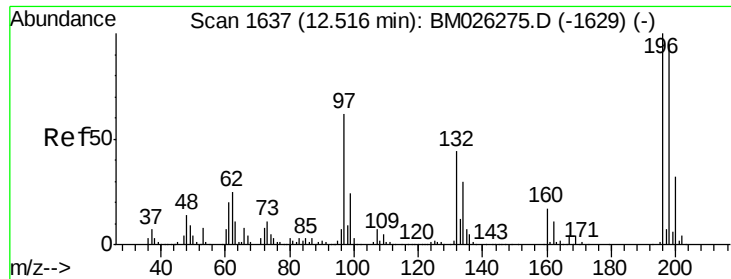
#42  
2,4,6-Tribromophenol  
Concen: 194.257 ng  
RT: 15.55 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

Tgt Ion:330 Resp: 743718  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.7 116.5  
141 38.5 29.7 44.5



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

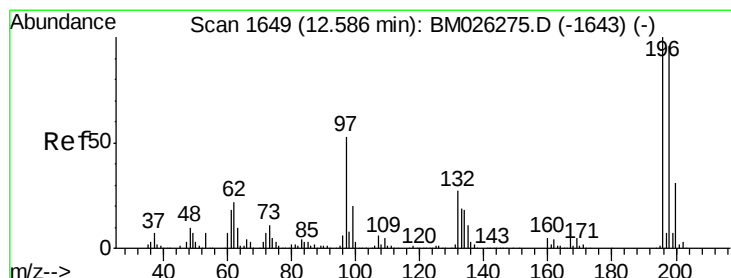
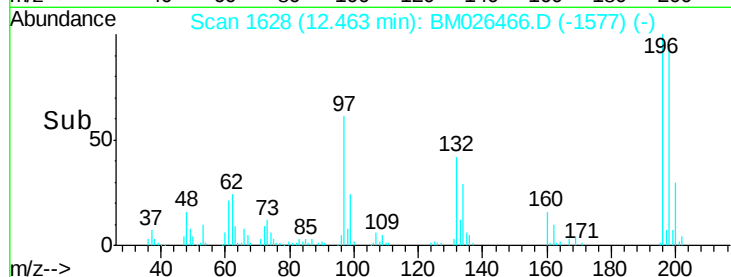
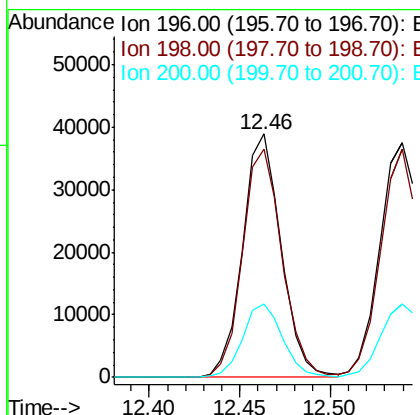
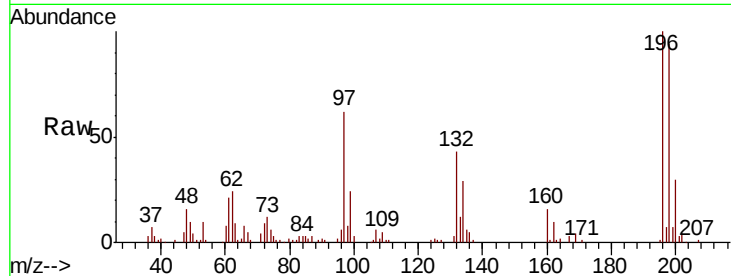




#43  
 2,4,6-Trichlorophenol  
 Concen: 9.458 ng  
 RT: 12.46 min Scan# 1628  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 12:32

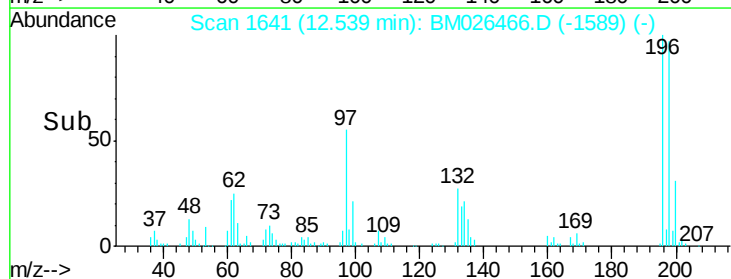
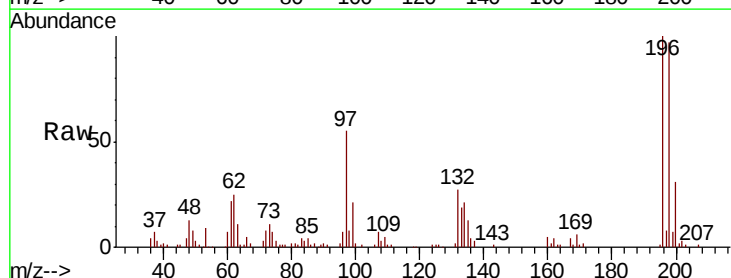
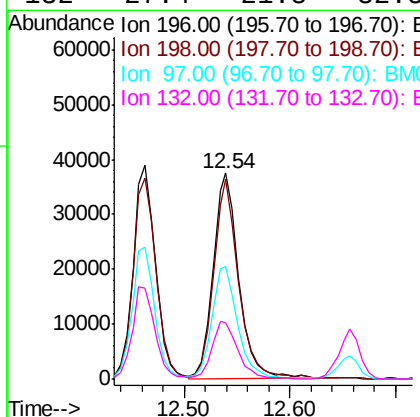
Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2020

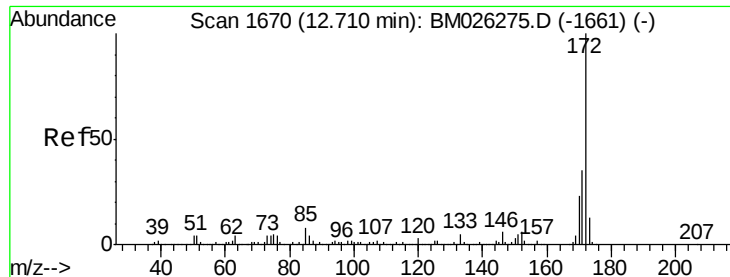
Tot Ion:196 Resp: 57594  
 Ion Ratio Lower Upper  
 196 100  
 198 93.9 79.0 118.4  
 200 30.0 25.2 37.8



#44  
 2,4,5-Trichlorophenol  
 Concen: 8.939 ng  
 RT: 12.54 min Scan# 1641  
 Delta R.T. 0.01 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 12:32

Tgt Ion:196 Resp: 63187  
 Ion Ratio Lower Upper  
 196 100  
 198 97.2 77.1 115.7  
 97 54.6 43.0 64.4  
 132 27.4 21.8 32.8

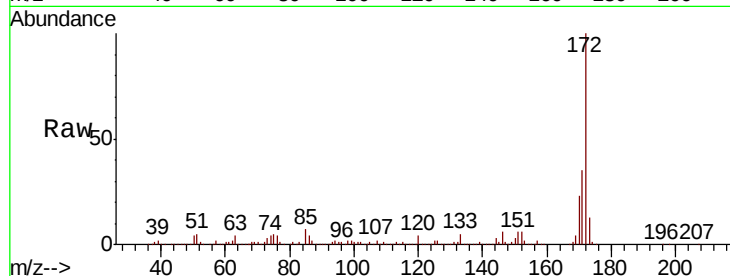




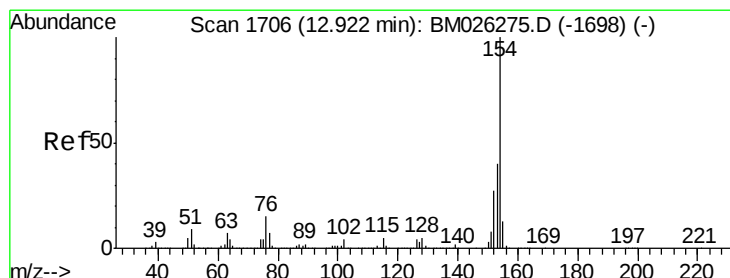
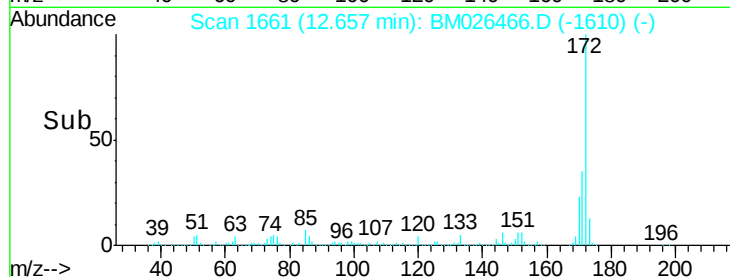
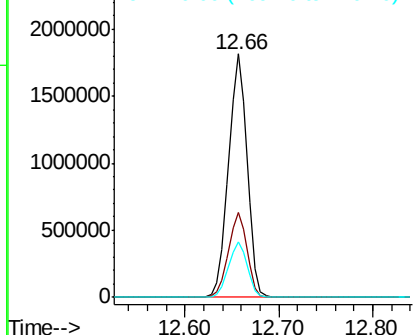
#45  
2-Fluorobiphenyl  
Concen: 120.099 ng  
RT: 12.66 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

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

Tot Ion:172 Resp: 2500571  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.8 41.8  
170 22.9 18.2 27.4

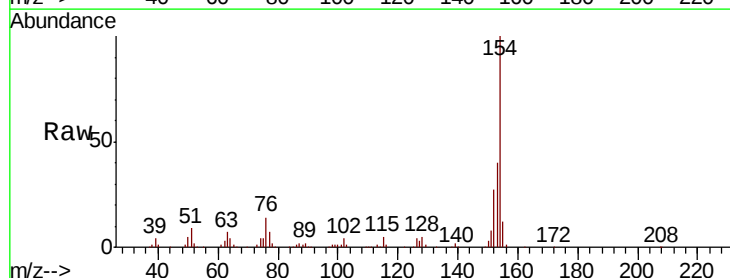


Abundance Ion 172.00 (171.70 to 172.70): E  
2500000  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

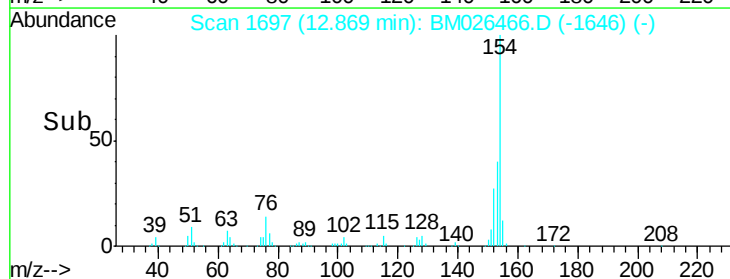
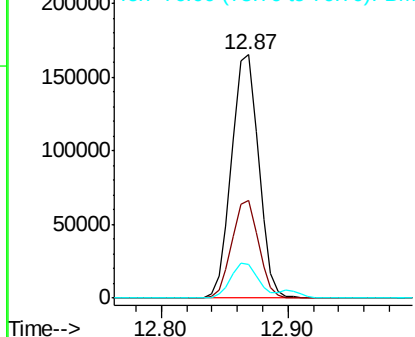


#46  
1,1'-Biphenyl  
Concen: 11.039 ng  
RT: 12.87 min Scan# 1697  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

Tgt Ion:154 Resp: 244611  
Ion Ratio Lower Upper  
154 100  
153 40.1 20.0 60.0  
76 13.7 0.0 34.6



Abundance Ion 154.00 (153.70 to 154.70): E  
200000  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BM0

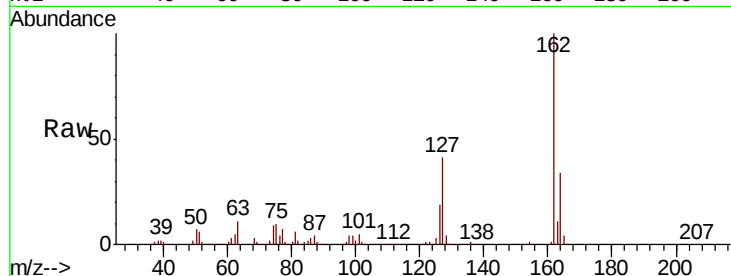




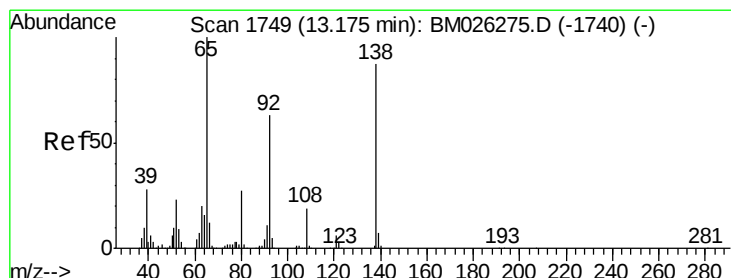
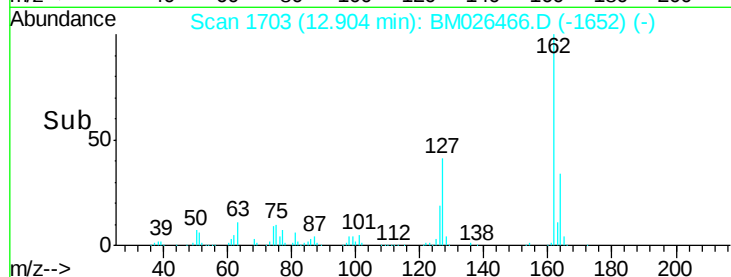
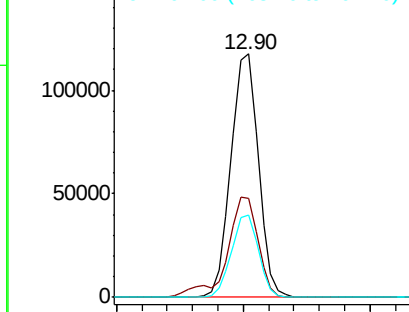
#47  
2-Chloronaphthalene  
Concen: 9.790 ng  
RT: 12.90 min Scan# 1703  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

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

Tot Ion: 162 Resp: 176204  
Ion Ratio Lower Upper  
162 100  
127 40.8 34.0 51.0  
164 33.7 26.3 39.5

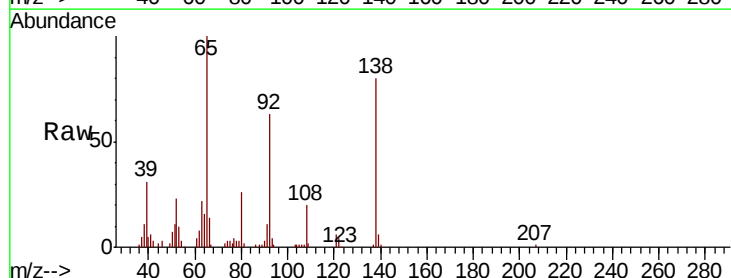


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

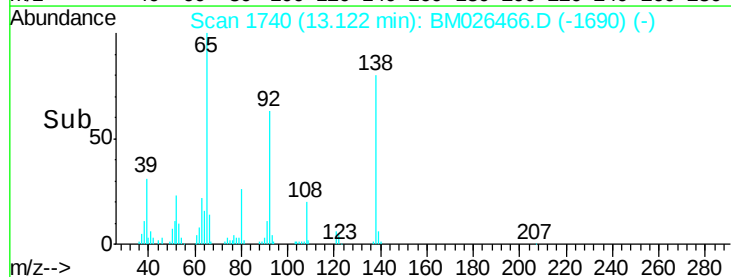
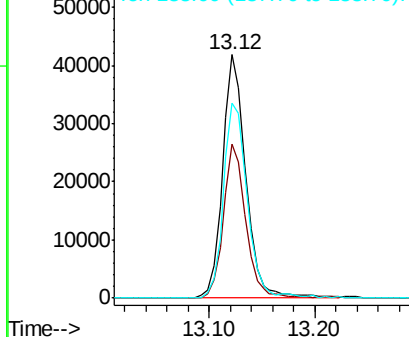


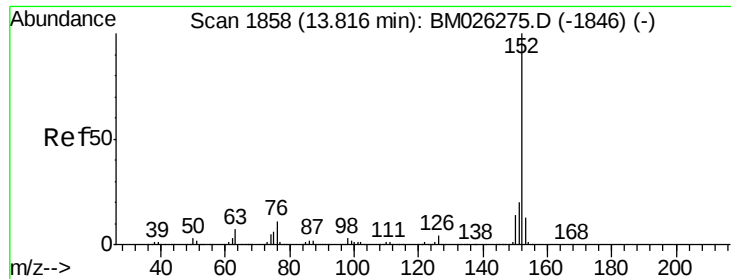
#48  
2-Nitroaniline  
Concen: 8.951 ng  
RT: 13.12 min Scan# 1740  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

Tgt Ion: 65 Resp: 63845  
Ion Ratio Lower Upper  
65 100  
92 63.4 50.6 76.0  
138 80.1 71.6 107.4



Abundance Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 9.977 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

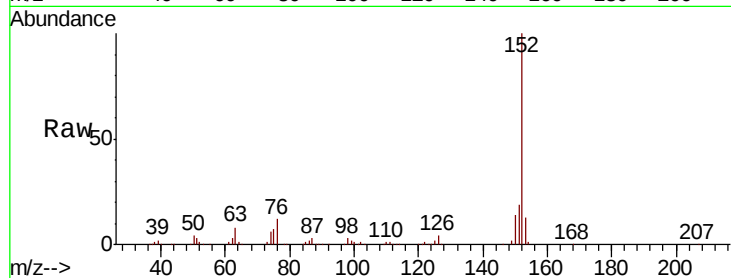
Tot Ion:152 Resp: 287209

Ion Ratio Lower Upper

152 100

151 19.0 15.8 23.6

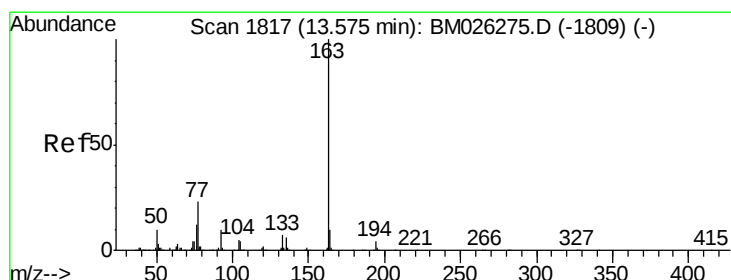
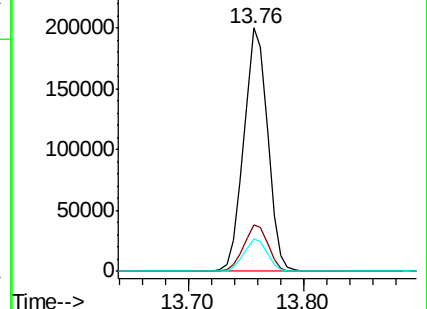
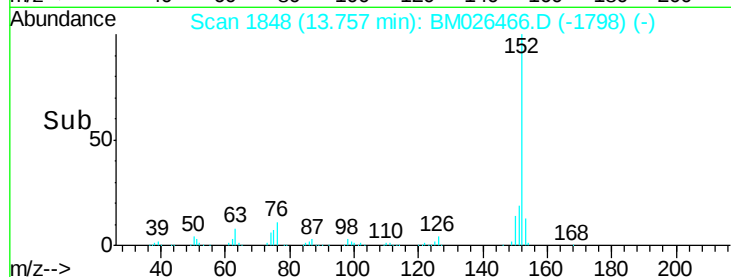
153 13.1 10.1 15.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 10.210 ng

RT: 13.52 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

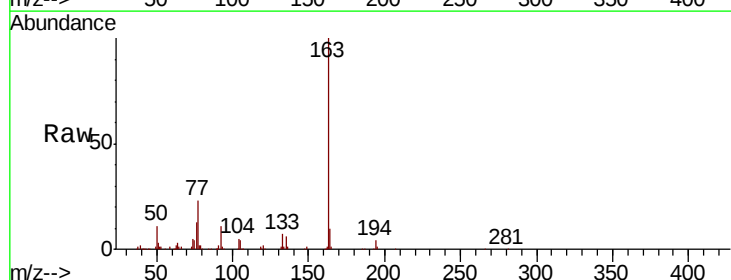
Tgt Ion:163 Resp: 236018

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

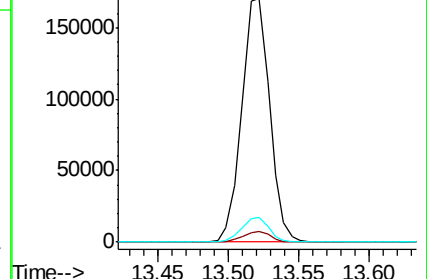
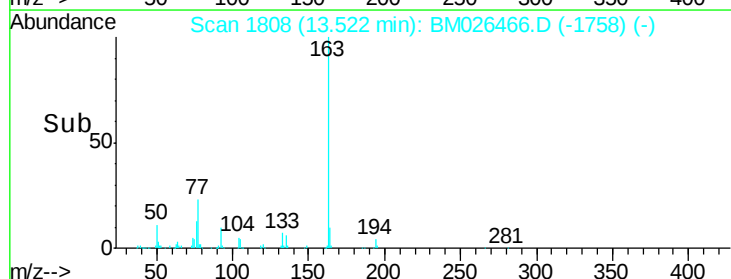
164 10.2 7.8 11.8

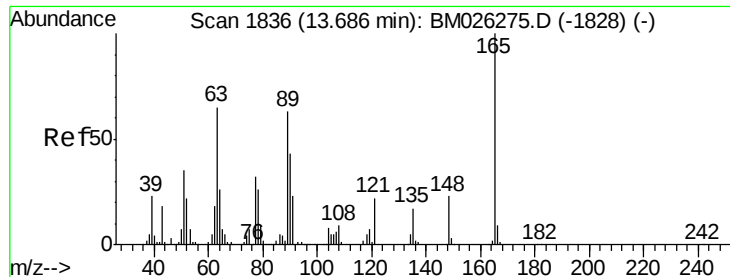


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

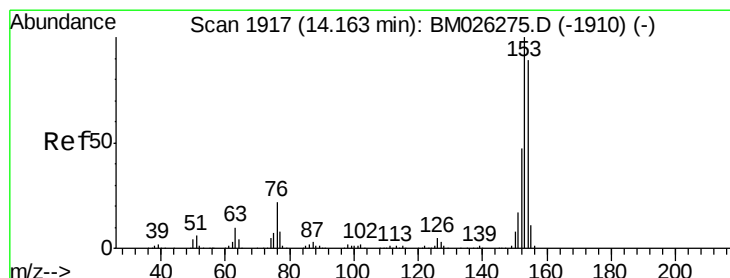
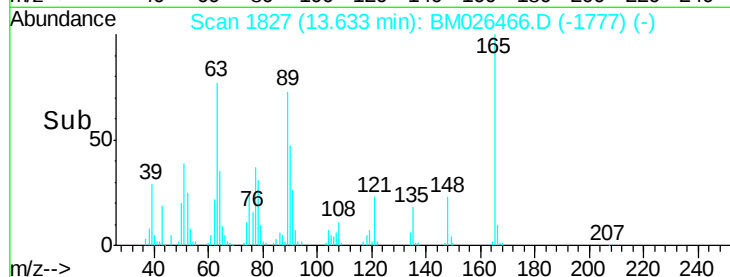
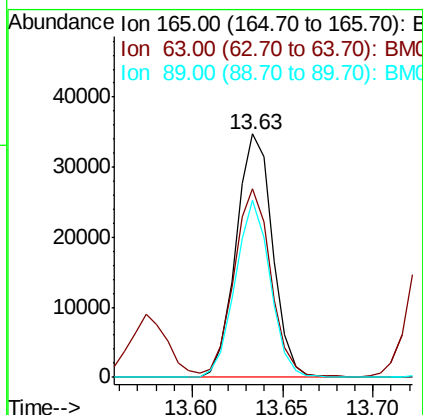
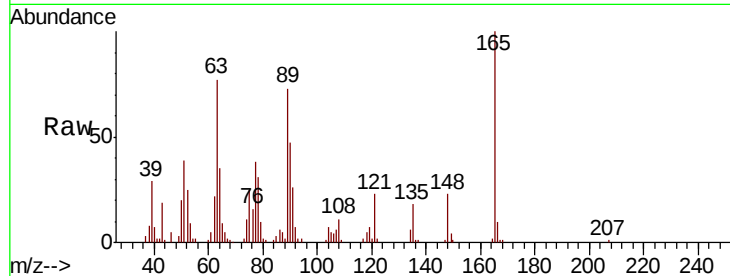




#51  
2,6-Dinitrotoluene  
Concen: 9.540 ng  
RT: 13.63 min Scan# 1827  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

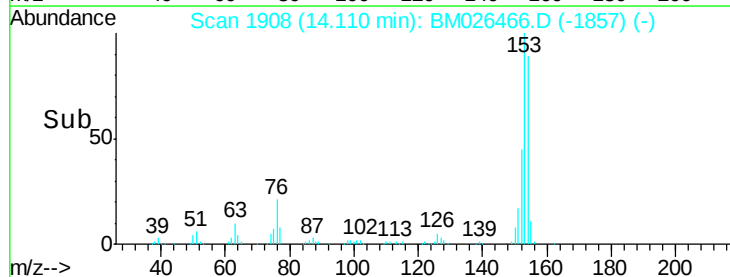
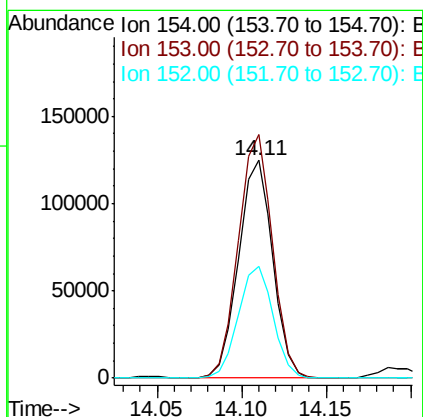
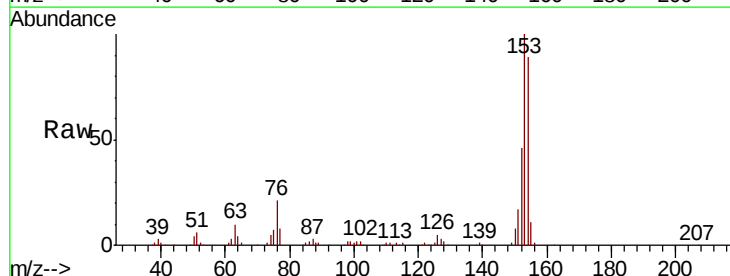
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

Tot Ion:165 Resp: 48391  
Ion Ratio Lower Upper  
165 100  
63 77.3 54.3 81.5  
89 72.8 51.5 77.3



#52  
Acenaphthene  
Concen: 10.167 ng  
RT: 14.11 min Scan# 1908  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

Tgt Ion:154 Resp: 175696  
Ion Ratio Lower Upper  
154 100  
153 111.9 88.6 132.8  
152 51.3 42.0 63.0

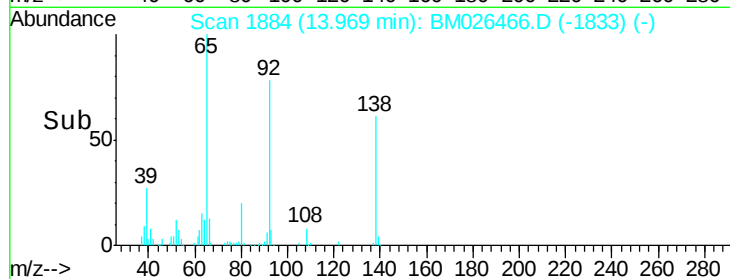
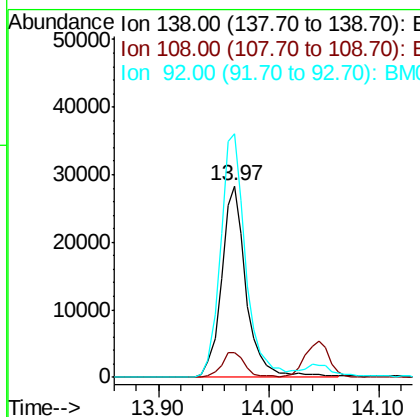
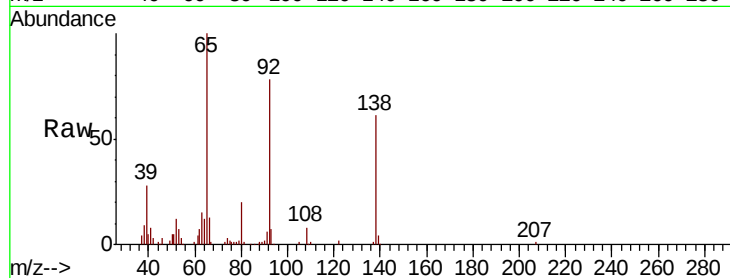




#53  
 3-Nitroaniline  
 Concen: 7.821 ng  
 RT: 13.97 min Scan# 1884  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 12:32

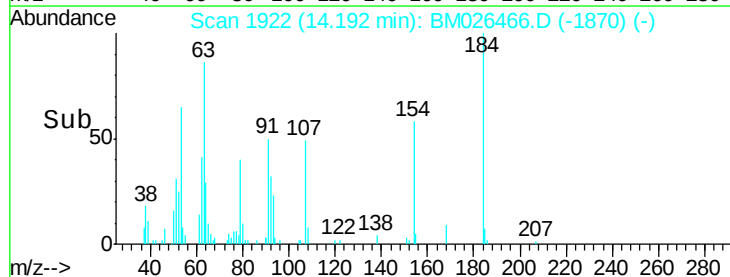
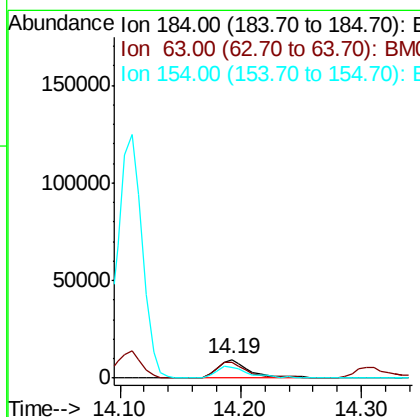
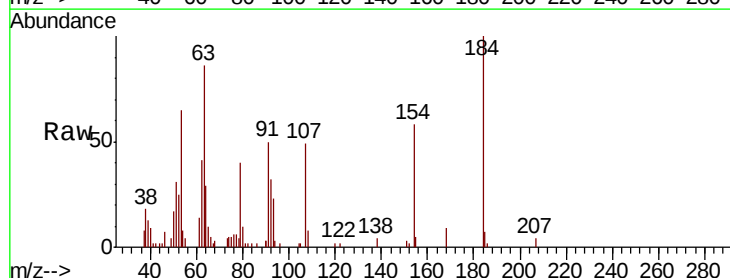
Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2020

Tot Ion:138 Resp: 44179  
 Ion Ratio Lower Upper  
 138 100  
 108 12.8 9.4 14.0  
 92 127.1 105.4 158.2



#54  
 2,4-Dinitrophenol  
 Concen: 5.437 ng  
 RT: 14.19 min Scan# 1922  
 Delta R.T. 0.01 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 12:32

Tgt Ion:184 Resp: 16761  
 Ion Ratio Lower Upper  
 184 100  
 63 86.1 61.8 92.6  
 154 58.3 53.1 79.7





#55

Dibenzofuran

Concen: 10.186 ng

RT: 14.45 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

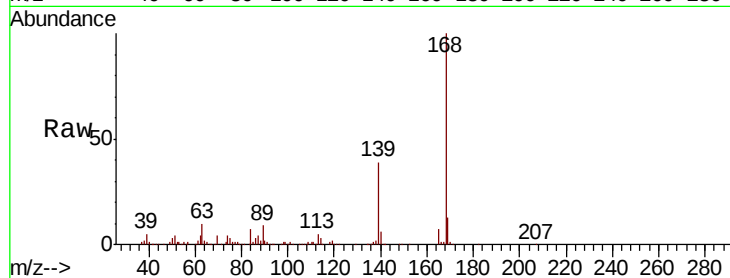
Tot Ion:168 Resp: 283622

Ion Ratio Lower Upper

168 100

139 38.9 31.4 47.0

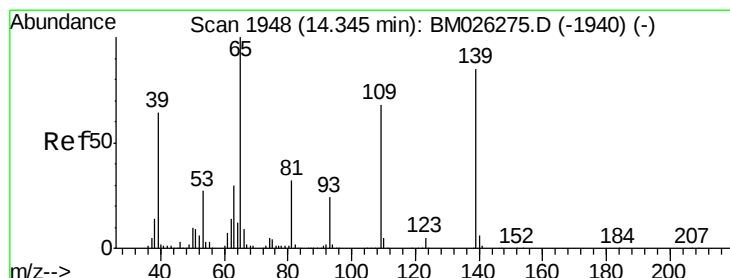
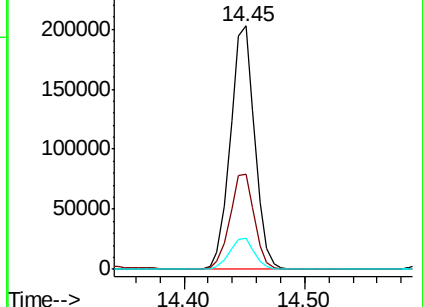
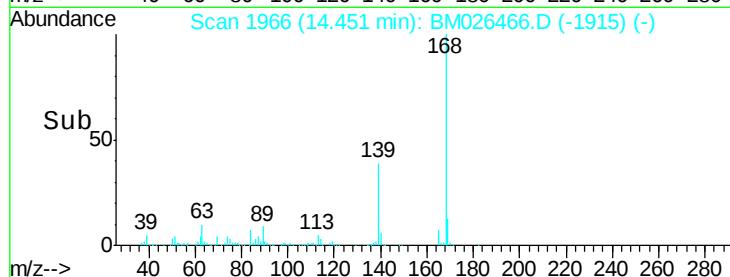
169 12.8 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 6.470 ng

RT: 14.30 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

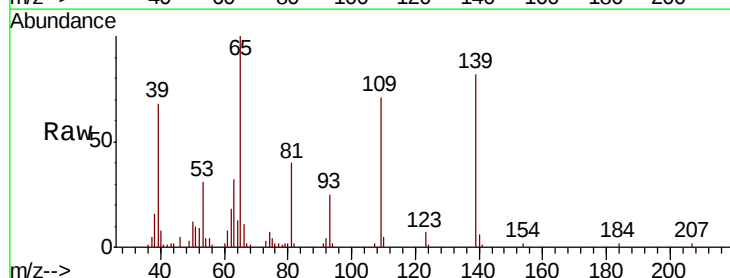
Tgt Ion:139 Resp: 28981

Ion Ratio Lower Upper

139 100

109 86.9 64.9 104.9

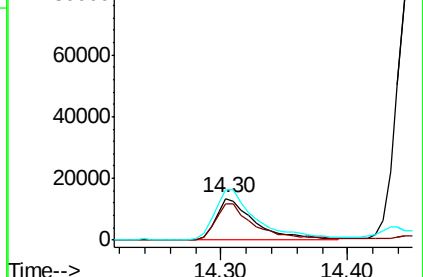
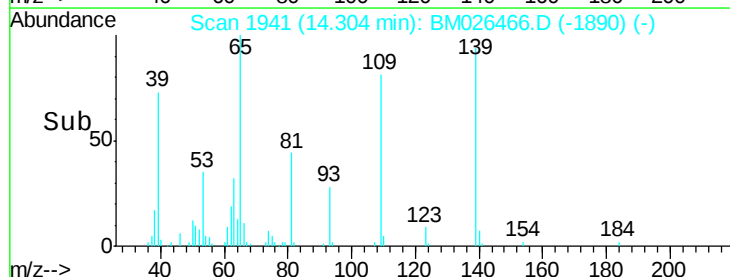
65 122.5 98.1 138.1

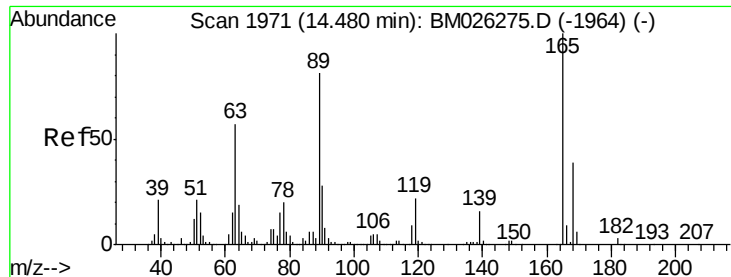


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM0

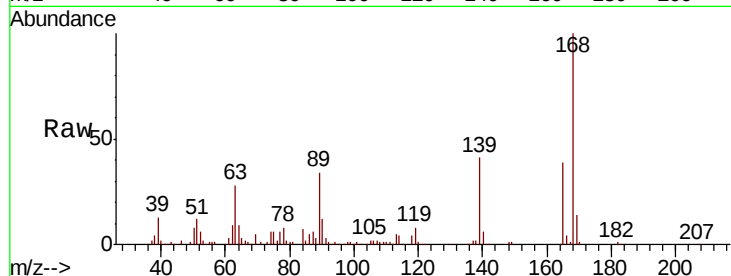




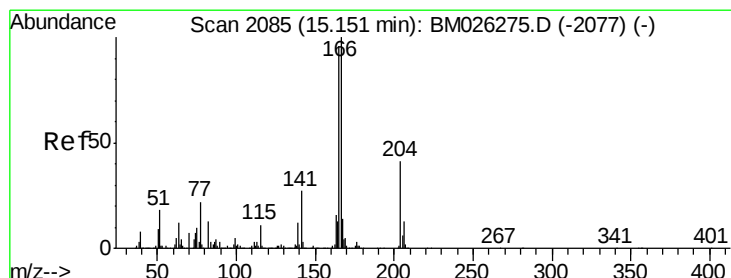
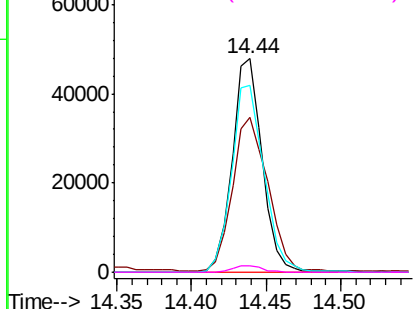
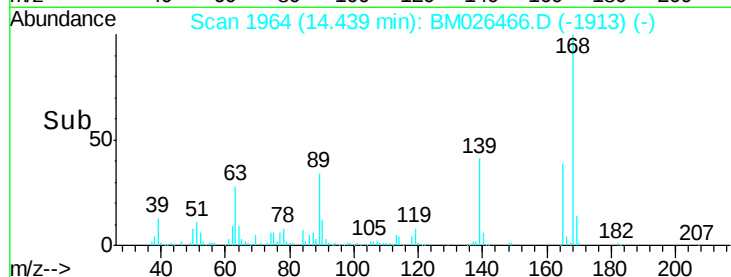
#57  
2,4-Dinitrotoluene  
Concen: 9.502 ng  
RT: 14.44 min Scan# 1964  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

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

Tot Ion:165 Resp: 67021  
Ion Ratio Lower Upper  
165 100  
63 72.7 48.1 72.1#  
89 87.4 65.6 98.4  
182 3.2 2.7 4.1

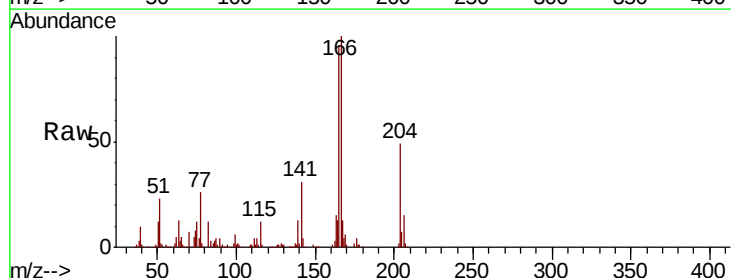


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM0  
Ion 89.00 (88.70 to 89.70): BM0  
Ion 182.00 (181.70 to 182.70): E

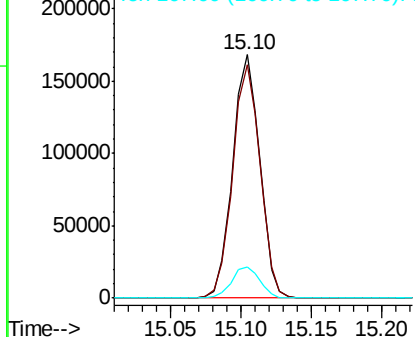
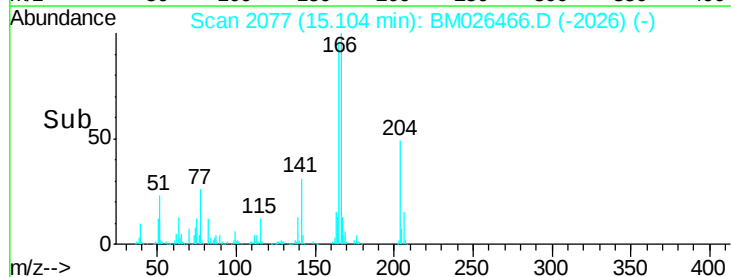


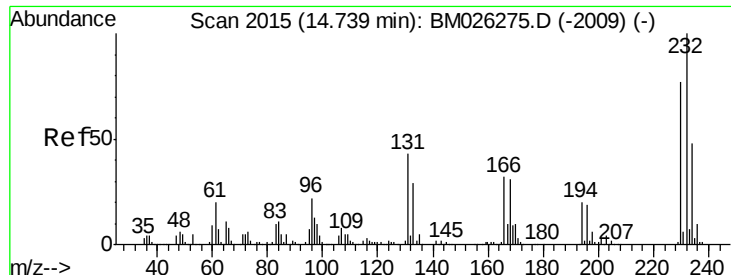
#58  
Fluorene  
Concen: 9.994 ng  
RT: 15.10 min Scan# 2077  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

Tgt Ion:166 Resp: 226037  
Ion Ratio Lower Upper  
166 100  
165 95.7 77.5 116.3  
167 12.6 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

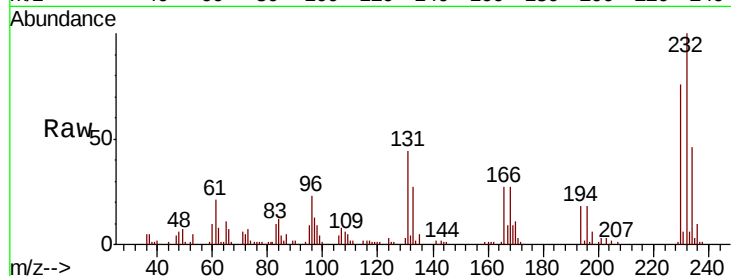




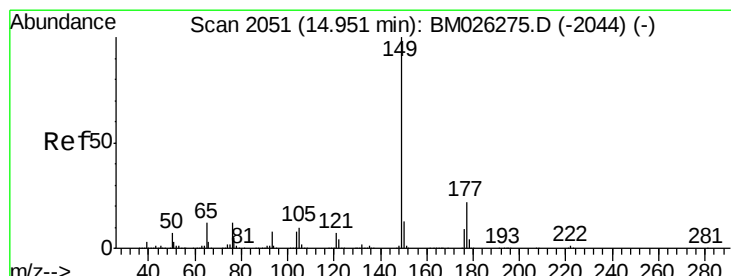
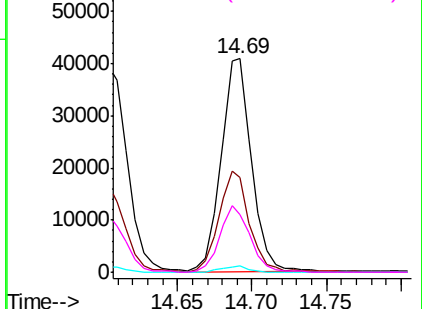
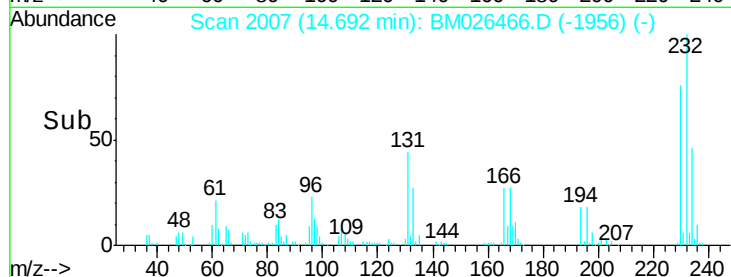
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 9.643 ng  
 RT: 14.69 min Scan# 2007  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 12:32

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

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 232   | Resp: | 58301 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 47.9  | 36.4  | 54.6  |
| 130      | 2.5   | 2.0   | 3.0   |
| 166      | 31.1  | 24.8  | 37.2  |

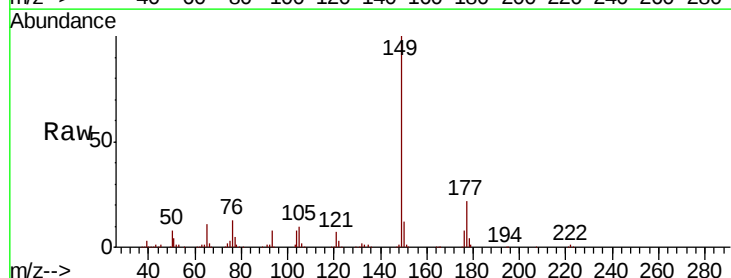


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

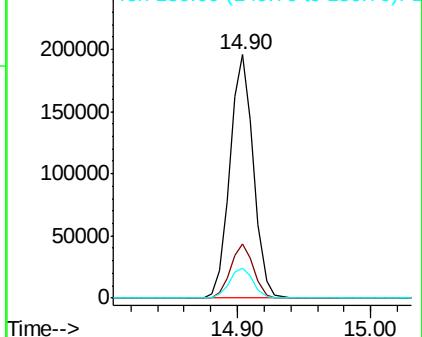
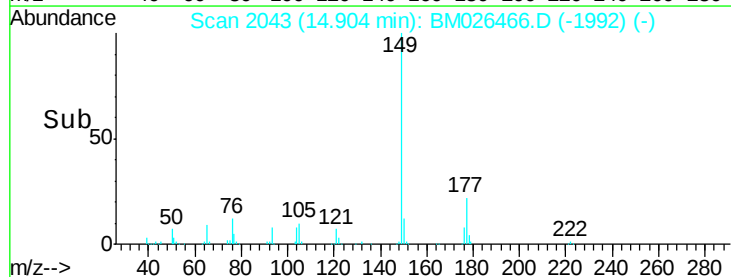


#60  
 Diethylphthalate  
 Concen: 10.240 ng  
 RT: 14.90 min Scan# 2043  
 Delta R.T. 0.00 min  
 Lab File: BM026466.D  
 Acq: 19 Jun 2020 12:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 241118 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.5  | 17.6  | 26.4   |
| 150      | 12.3  | 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

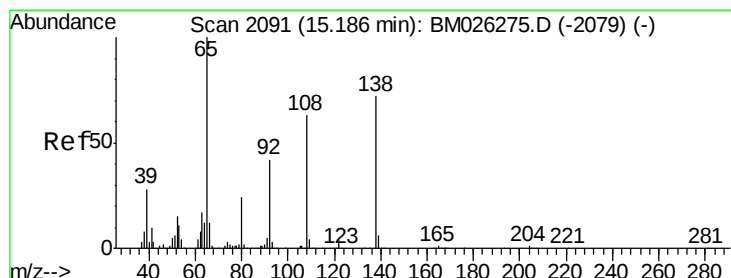
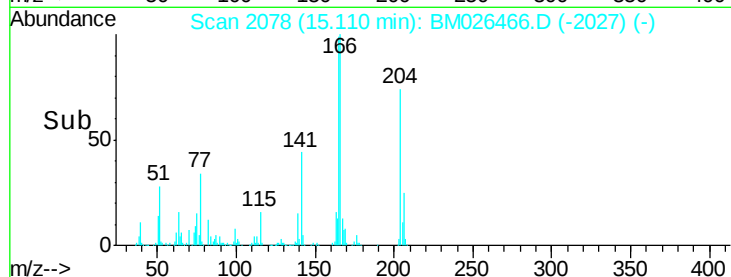
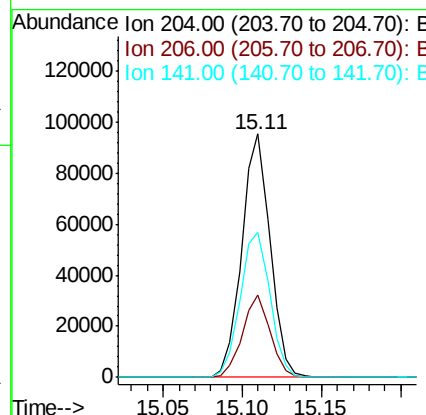
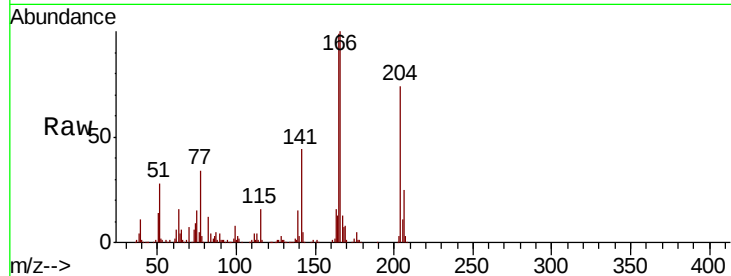




#61  
4-Chlorophenyl-phenylether  
Concen: 9.822 ng  
RT: 15.11 min Scan# 2078  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

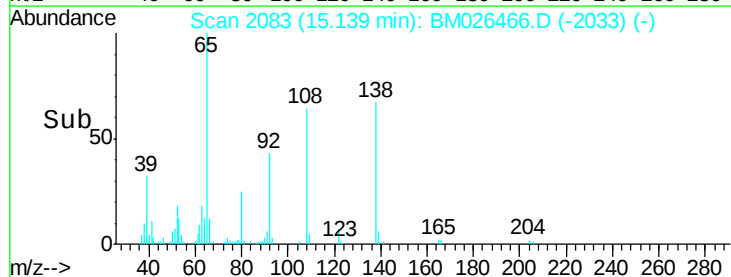
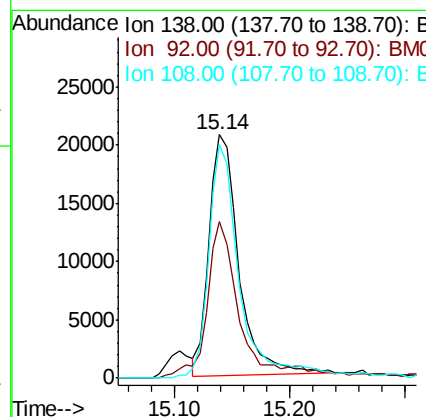
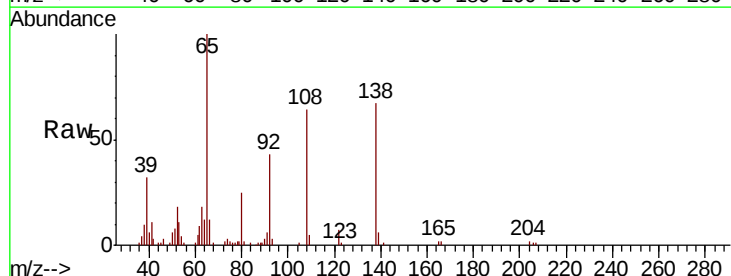
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

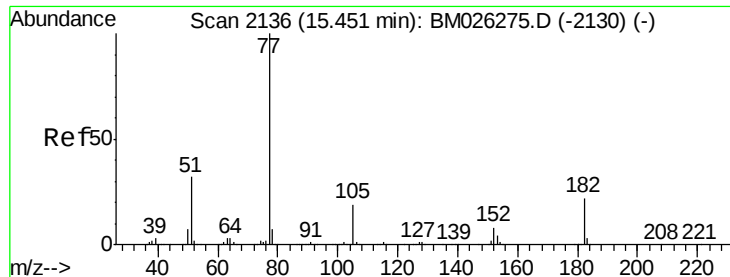
Tot Ion:204 Resp: 117826  
Ion Ratio Lower Upper  
204 100  
206 33.7 26.6 40.0  
141 59.3 49.4 74.2



#62  
4-Nitroaniline  
Concen: 6.262 ng  
RT: 15.14 min Scan# 2083  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

Tgt Ion:138 Resp: 37721  
Ion Ratio Lower Upper  
138 100  
92 64.1 37.5 77.5  
108 95.8 66.3 106.3

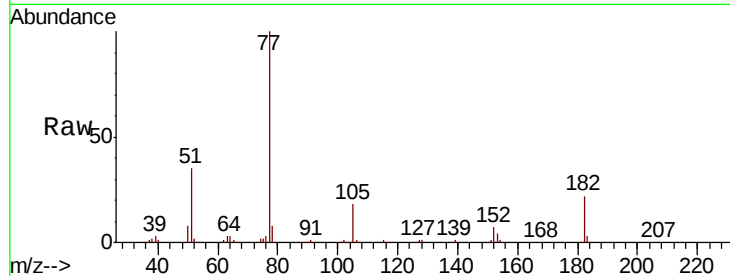




#63  
Azobenzene  
Concen: 10.260 ng  
RT: 15.40 min Scan# 2128  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

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

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 21.7 | 2.1   | 42.1  |       |
| 105     | 17.6 | 0.0   | 38.3  |       |
| 51      | 35.5 | 13.5  | 53.5  |       |

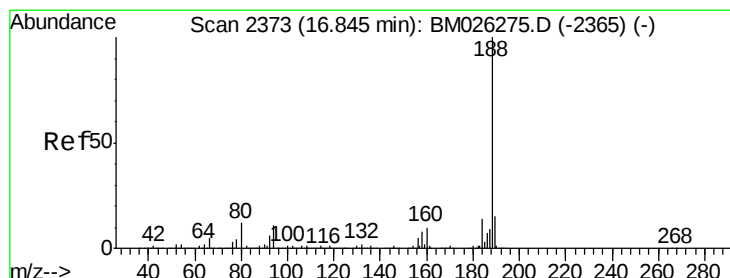
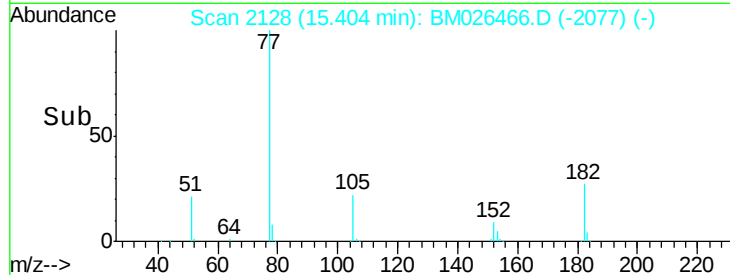
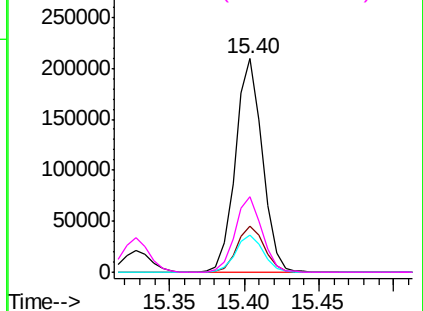


Abundance Ion 77.00 (76.70 to 77.70): BM026275.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM026275.D (-2130) (-)

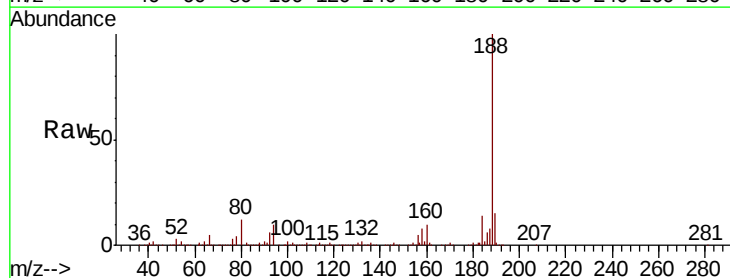
Ion 105.00 (104.70 to 105.70): BM026275.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM026275.D (-2130) (-)



#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 12:32

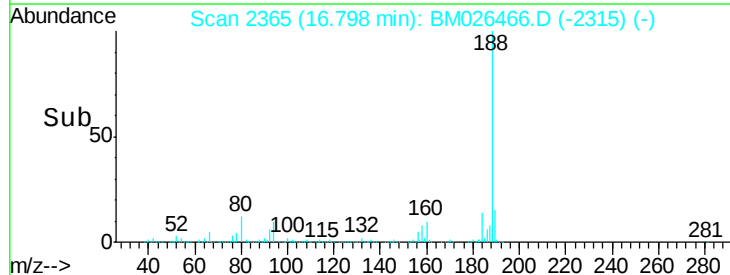
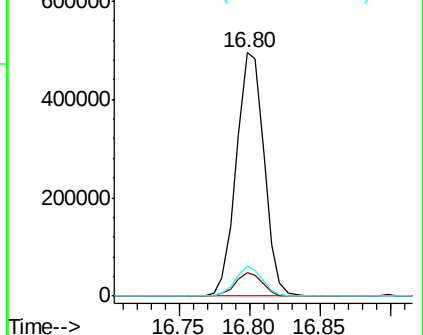
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 9.7  | 7.8   | 11.6  |       |
| 80      | 12.3 | 9.5   | 14.3  |       |



Abundance Ion 188.00 (187.70 to 188.70): BM026275.D (-2365) (-)

Ion 94.00 (93.70 to 94.70): BM026275.D (-2365) (-)

Ion 80.00 (79.70 to 80.70): BM026275.D (-2365) (-)

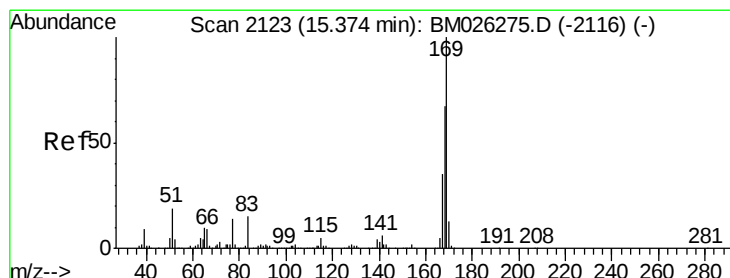
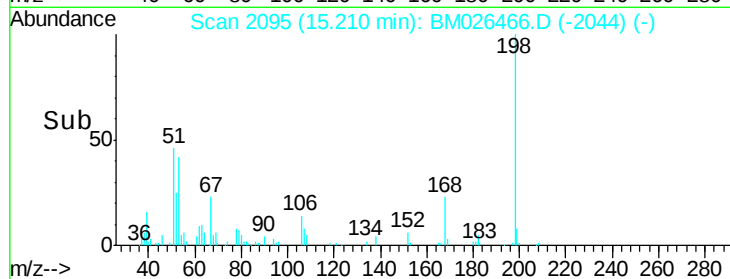
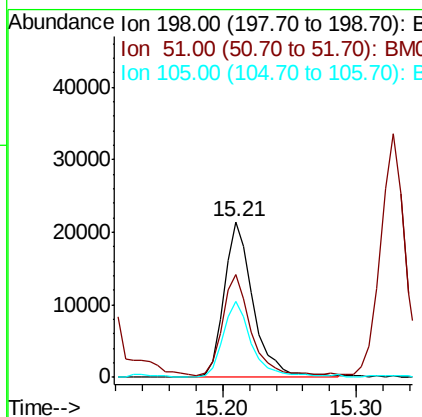
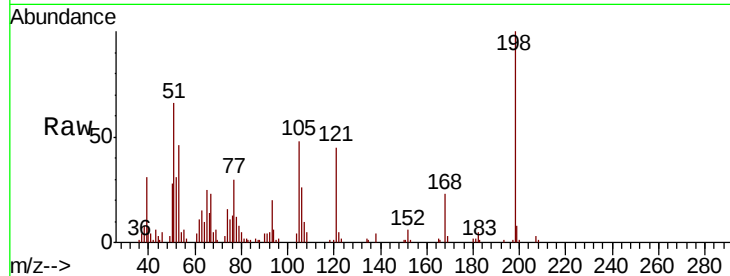




#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.965 ng  
RT: 15.21 min Scan# 2095  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

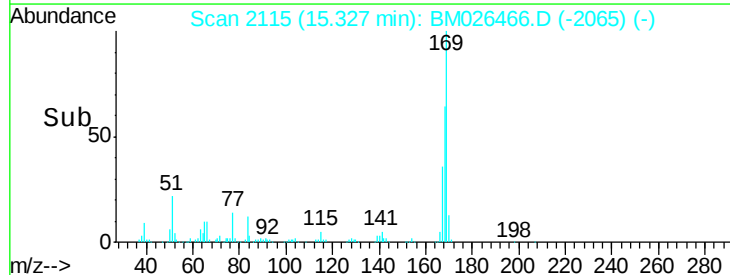
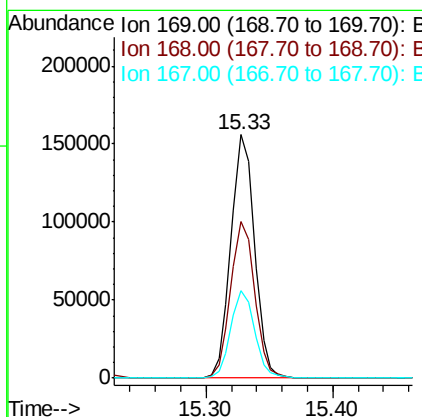
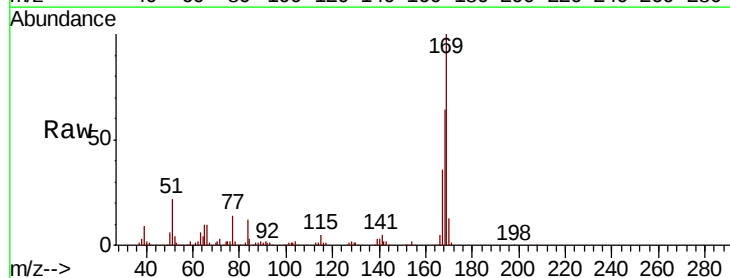
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

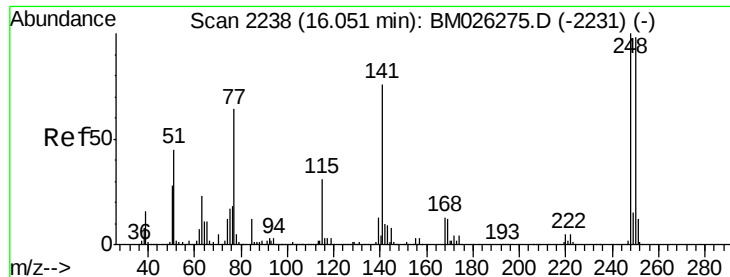
Tot Ion:198 Resp: 32993  
Ion Ratio Lower Upper  
198 100  
51 66.2 35.6 75.6  
105 48.5 24.3 64.3



#66  
n-Nitrosodiphenylamine  
Concen: 10.173 ng  
RT: 15.33 min Scan# 2115  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

Tgt Ion:169 Resp: 200737  
Ion Ratio Lower Upper  
169 100  
168 64.2 51.6 77.4  
167 35.8 28.2 42.4

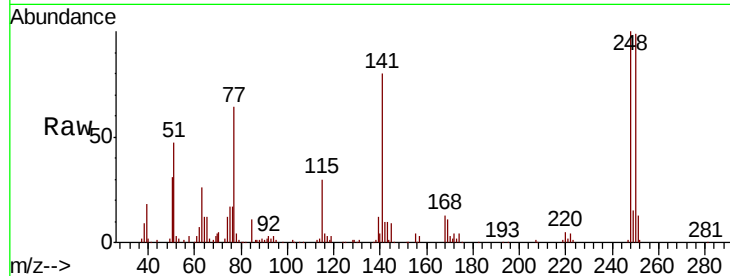




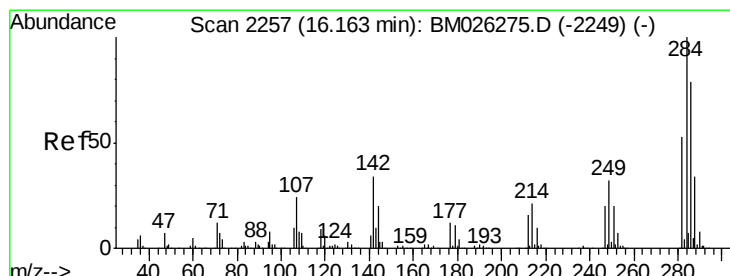
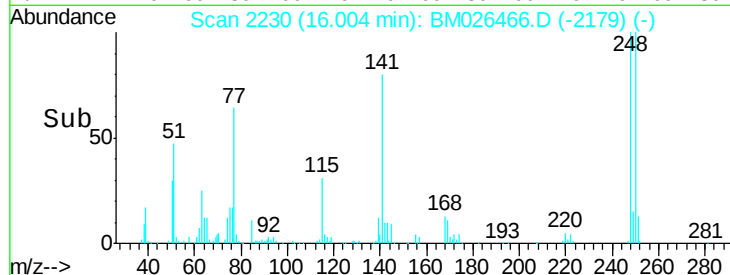
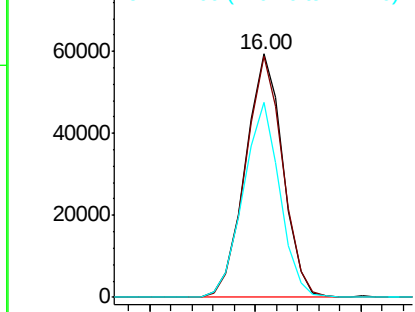
#67  
4-Bromophenyl-phenylether  
Concen: 9.785 ng  
RT: 16.00 min Scan# 2230  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

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

Tot Ion:248 Resp: 73376  
Ion Ratio Lower Upper  
248 100  
250 99.2 78.4 117.6  
141 79.9 60.6 91.0

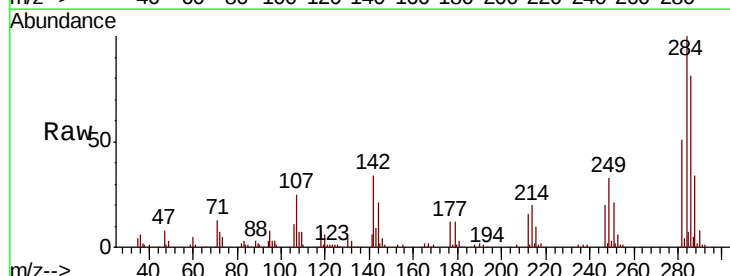


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

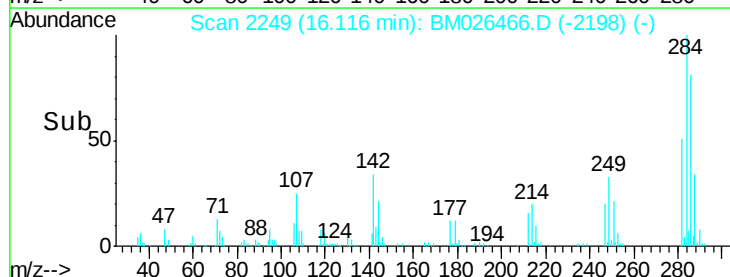
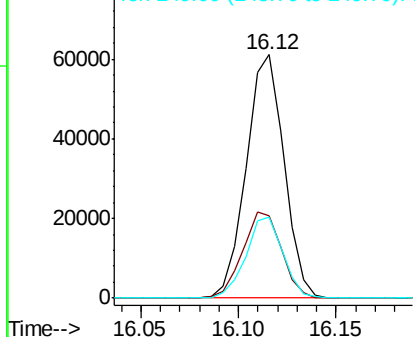


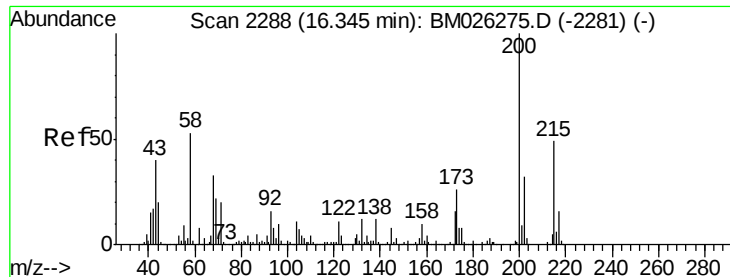
#68  
Hexachlorobenzene  
Concen: 10.478 ng  
RT: 16.12 min Scan# 2249  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

Tgt Ion:284 Resp: 81985  
Ion Ratio Lower Upper  
284 100  
142 33.9 29.1 43.7  
249 33.1 27.2 40.8



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 13.179 ng

RT: 16.30 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

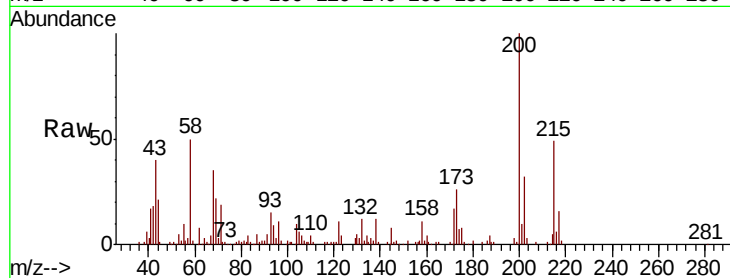
Tot Ion:200 Resp: 77691

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

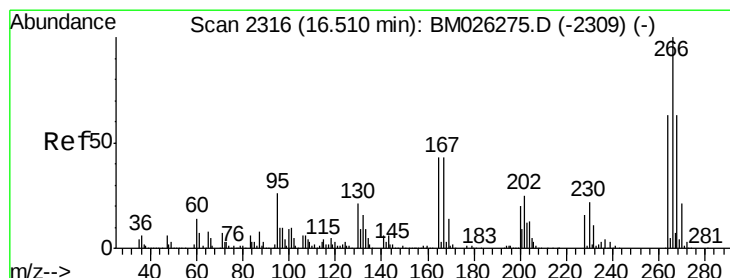
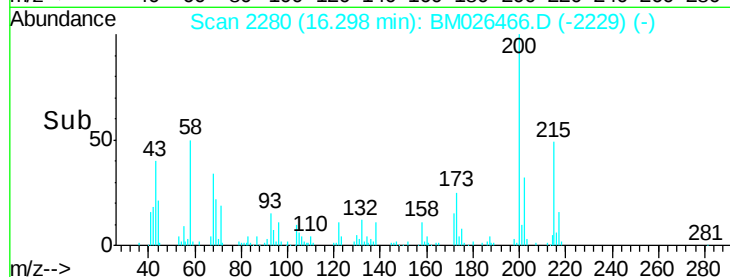
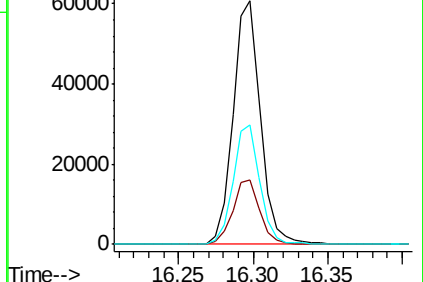
215 49.2 29.8 69.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 7.311 ng

RT: 16.47 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

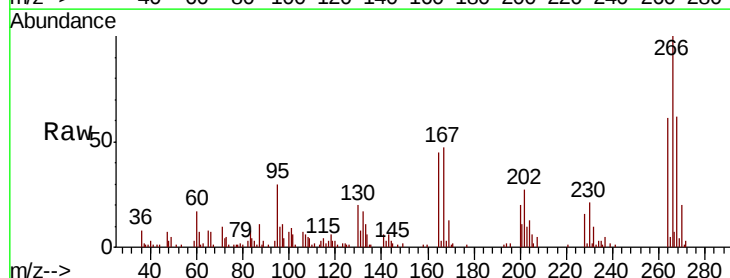
Tgt Ion:266 Resp: 34451

Ion Ratio Lower Upper

266 100

268 61.7 50.2 75.4

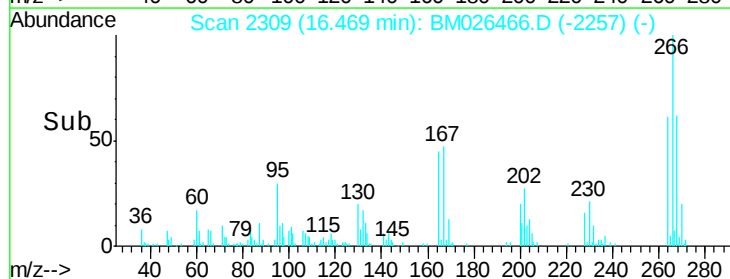
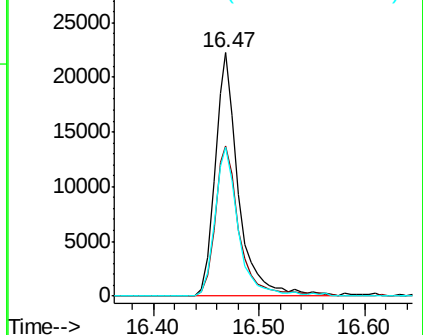
264 61.1 50.6 75.8

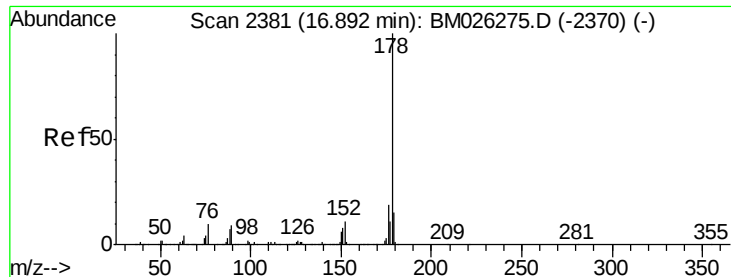


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

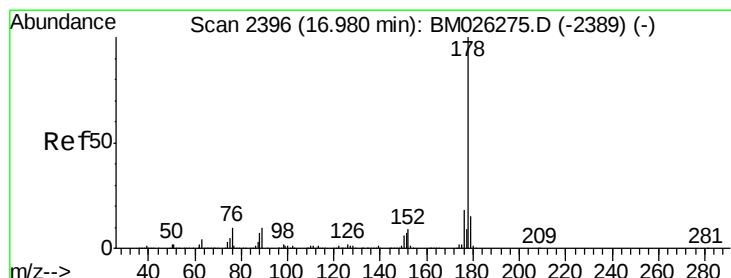
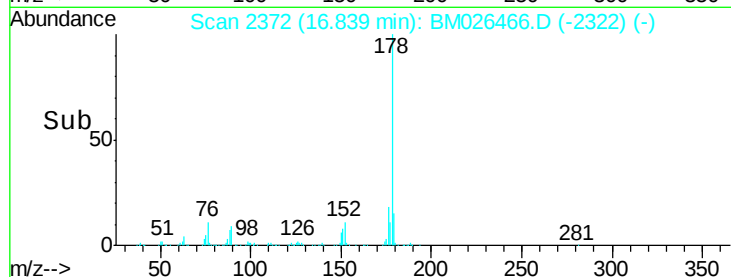
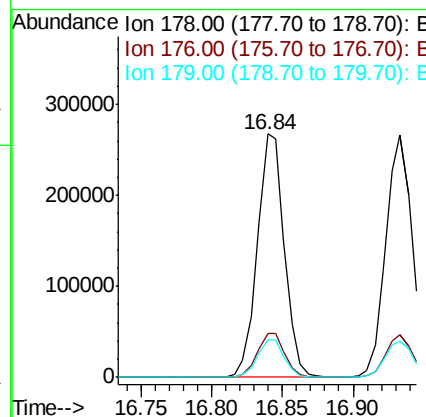
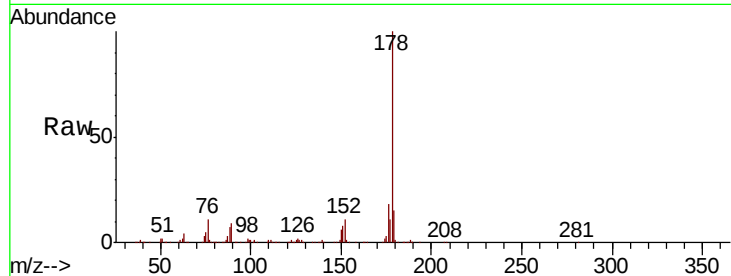




#71  
Phenanthrene  
Concen: 10.168 ng  
RT: 16.84 min Scan# 2372  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

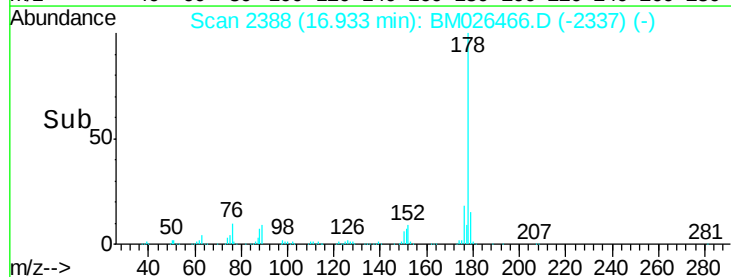
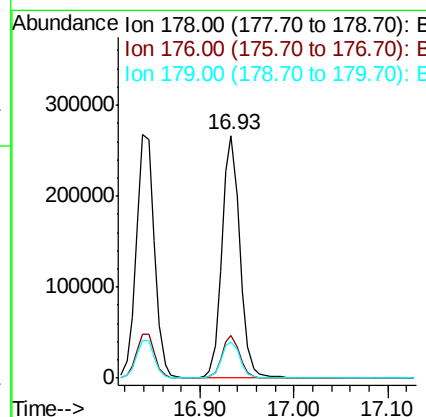
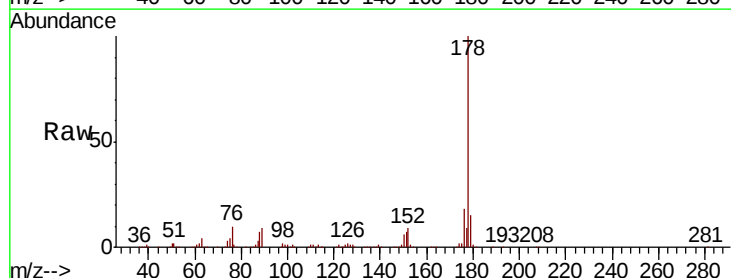
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.9  | 15.1  | 22.7  |
| 179     | 15.3  | 12.3  | 18.5  |



#72  
Anthracene  
Concen: 10.054 ng  
RT: 16.93 min Scan# 2388  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.7  | 14.5  | 21.7  |
| 179     | 15.2  | 12.3  | 18.5  |





#73

Carbazole

Concen: 9.072 ng

RT: 17.22 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

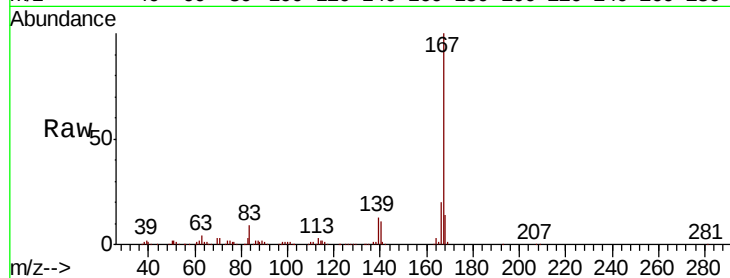
Tot Ion:167 Resp: 304562

Ion Ratio Lower Upper

167 100

166 20.5 16.9 25.3

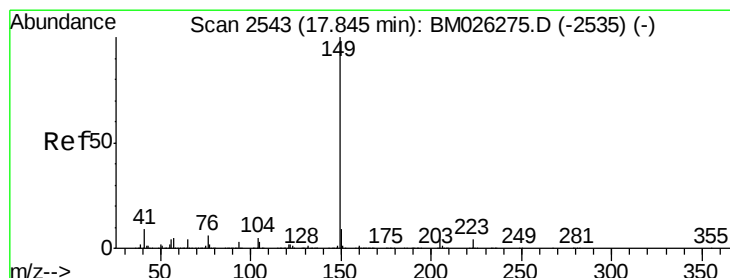
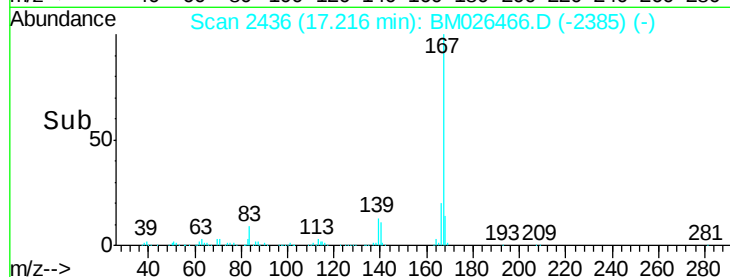
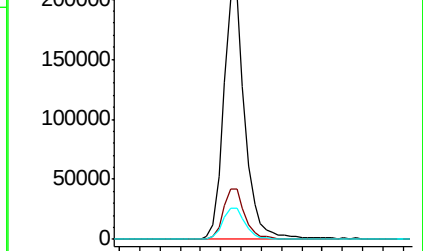
139 12.9 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 9.686 ng

RT: 17.80 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

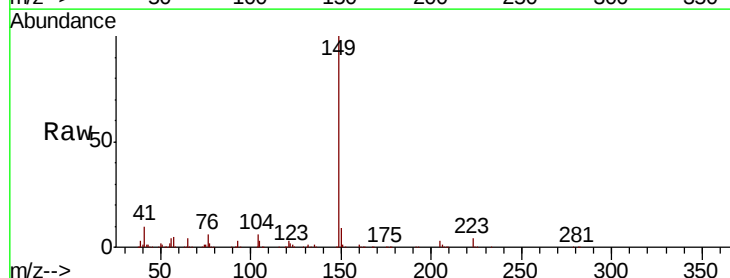
Tgt Ion:149 Resp: 383483

Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

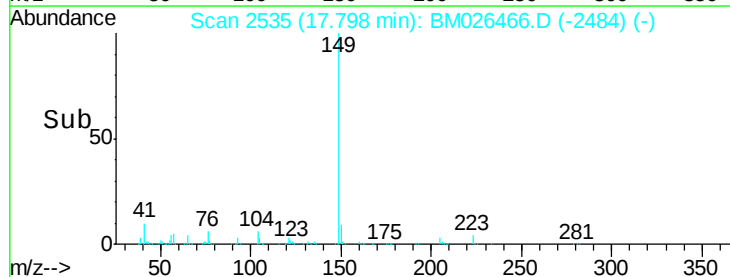
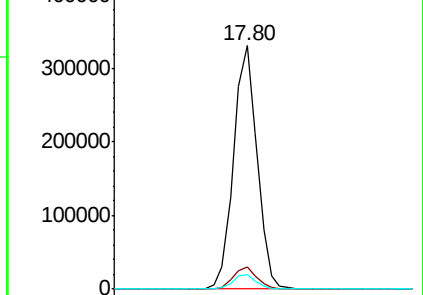
104 5.9 4.2 6.2

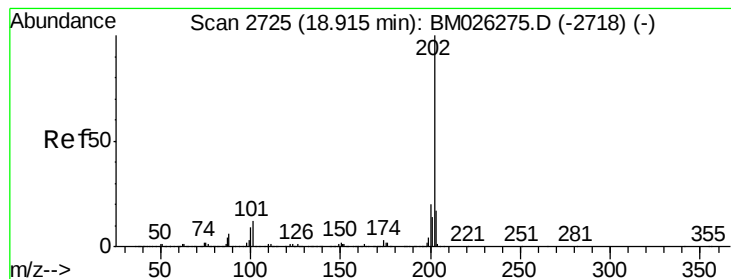


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 9.881 ng

RT: 18.87 min Scan# 2717

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

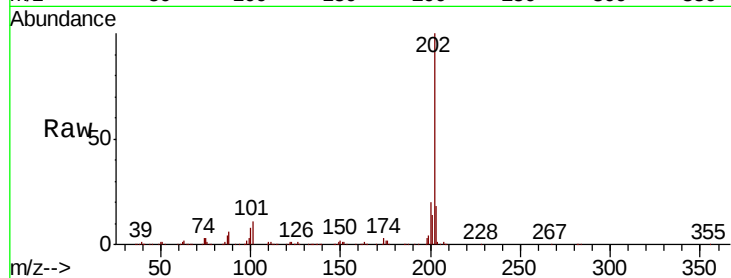
Tot Ion:202 Resp: 401827

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.9

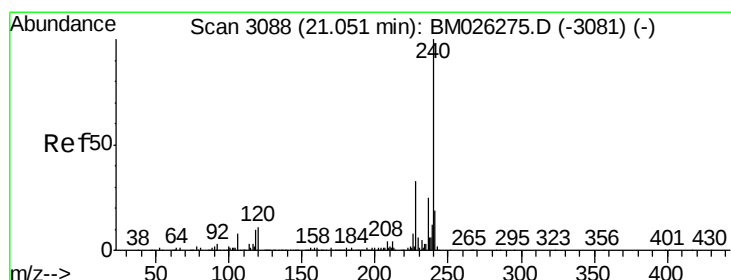
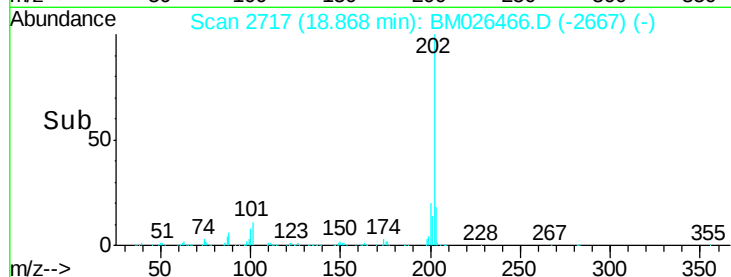
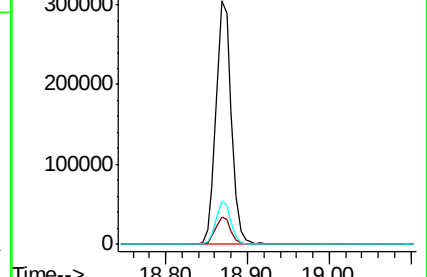
203 17.5 0.0 37.5



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



#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 12:32

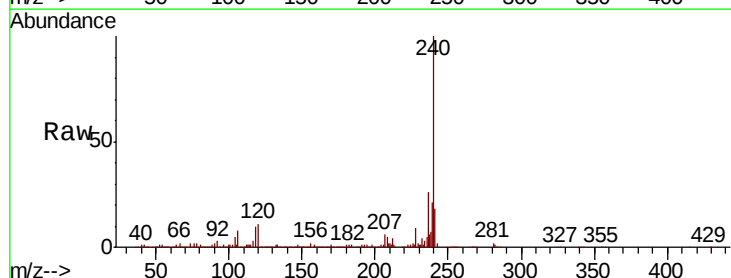
Tgt Ion:240 Resp: 541156

Ion Ratio Lower Upper

240 100

120 10.7 9.3 13.9

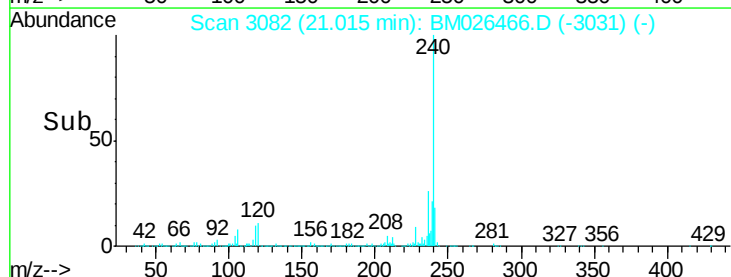
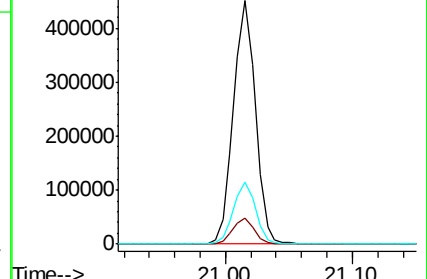
236 25.6 19.4 29.0

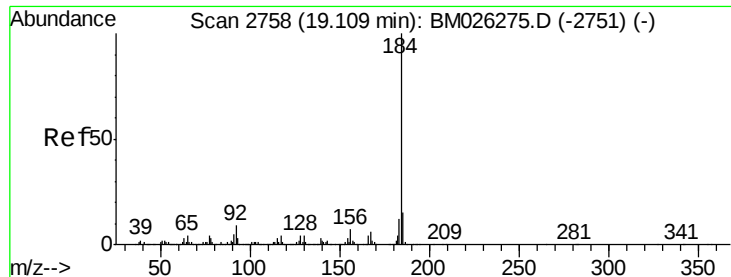


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.582 ng

RT: 19.07 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

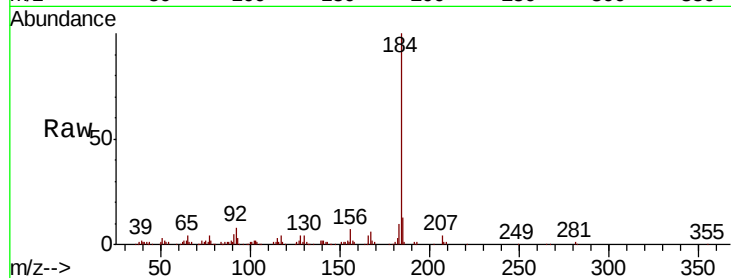
Tot Ion:184 Resp: 141434

Ion Ratio Lower Upper

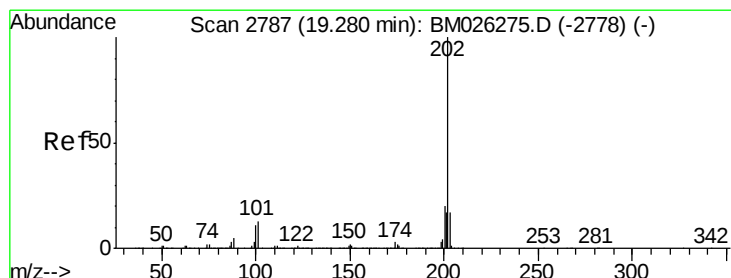
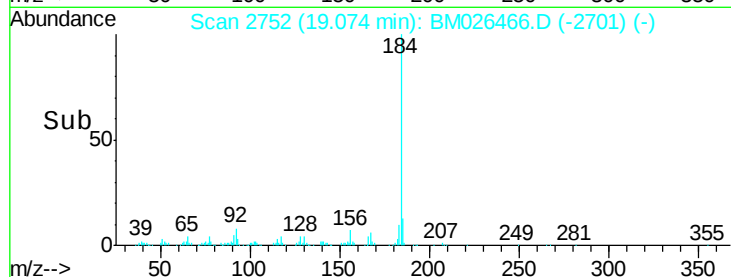
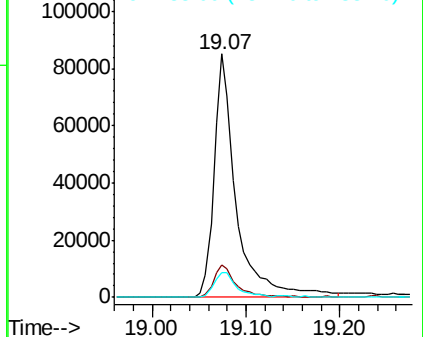
184 100

185 13.3 11.2 16.8

183 10.3 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 11.576 ng

RT: 19.23 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

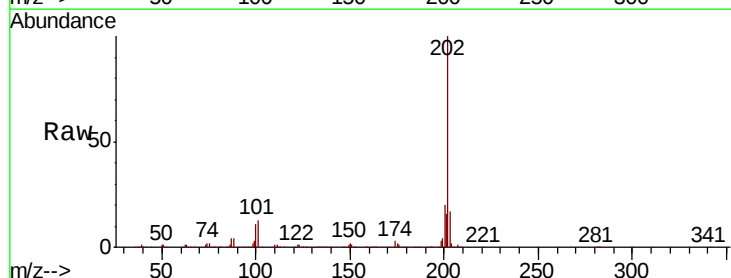
Tgt Ion:202 Resp: 413903

Ion Ratio Lower Upper

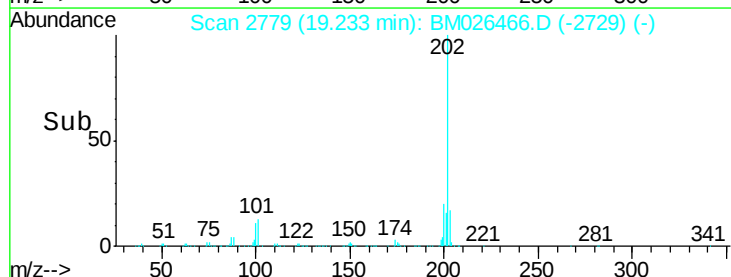
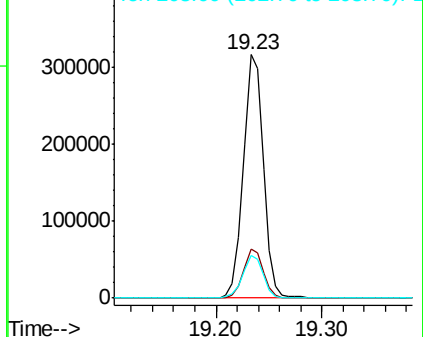
202 100

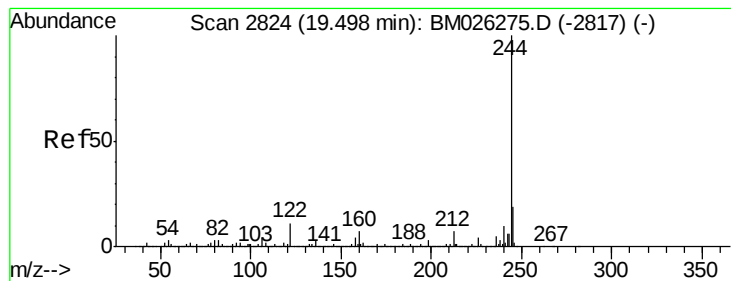
200 20.2 16.3 24.5

203 17.3 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 135.176 ng

RT: 19.46 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

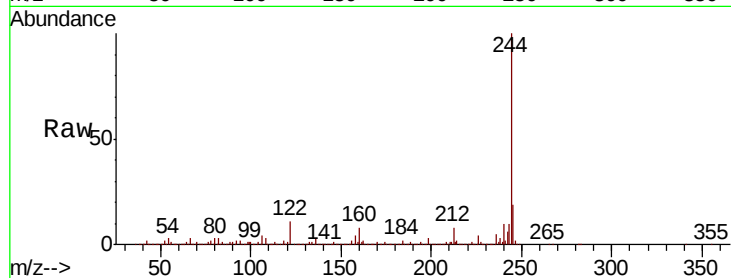
Tot Ion:244 Resp: 3768403

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

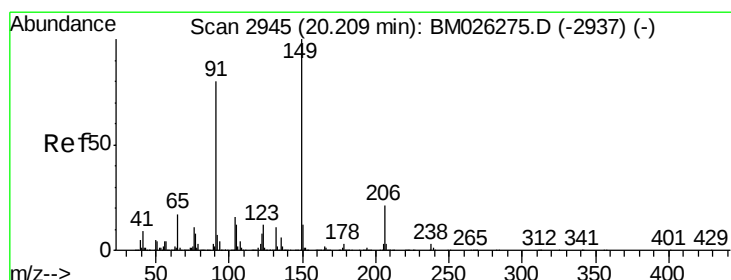
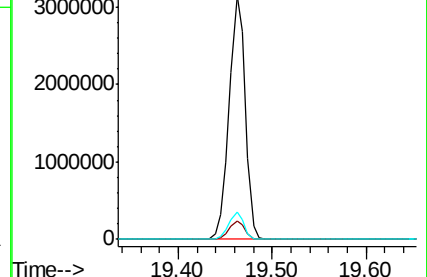
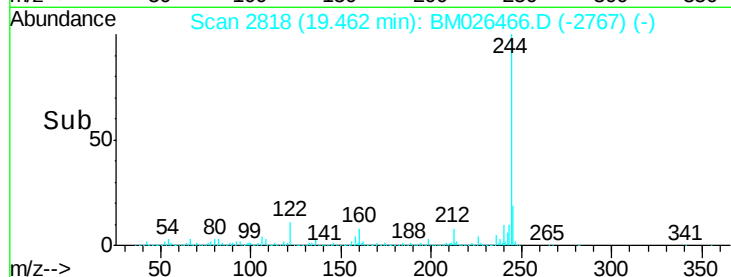
122 11.2 8.6 13.0



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: 10.165 ng

RT: 20.17 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

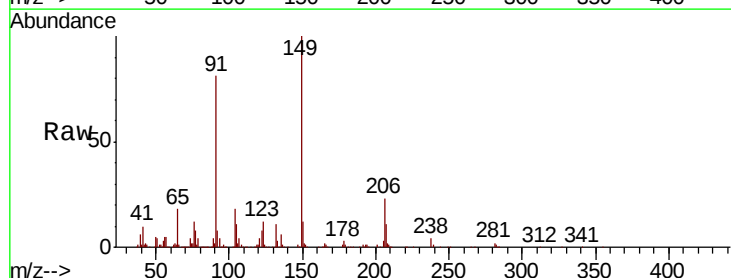
Tgt Ion:149 Resp: 146979

Ion Ratio Lower Upper

149 100

91 81.2 64.6 97.0

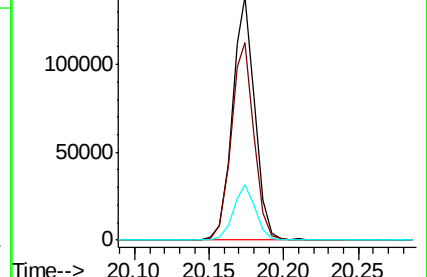
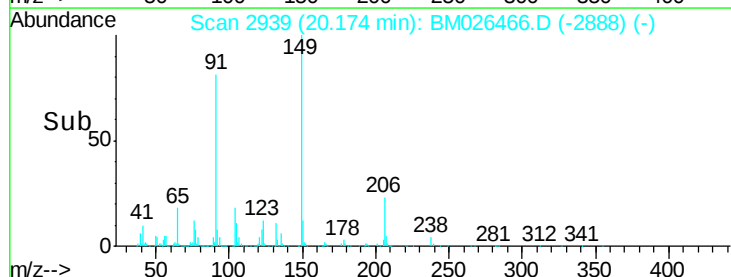
206 23.0 17.6 26.4

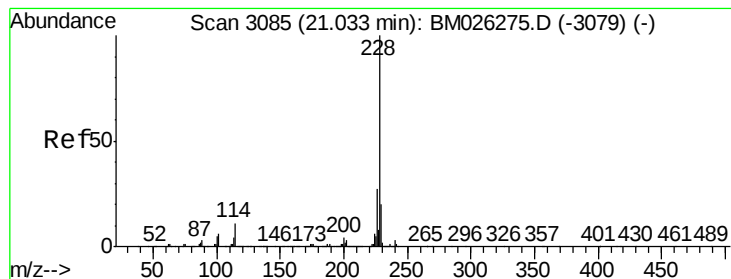


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.876 ng

RT: 21.00 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

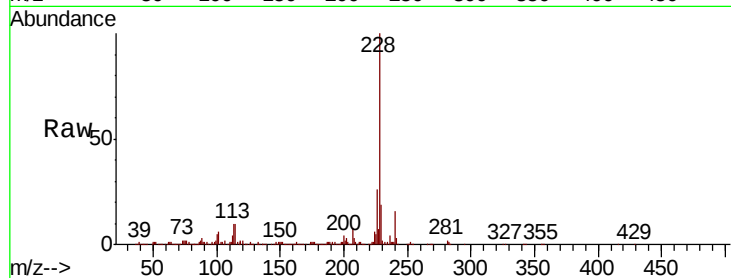
Tot Ion:228 Resp: 353272

Ion Ratio Lower Upper

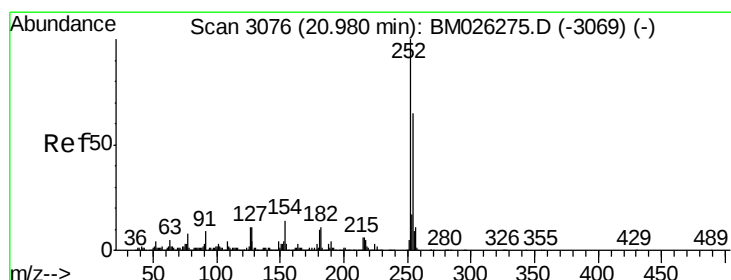
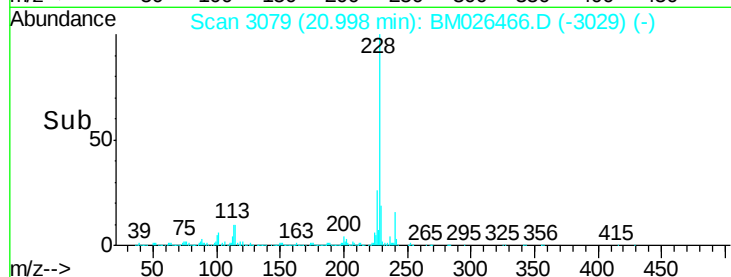
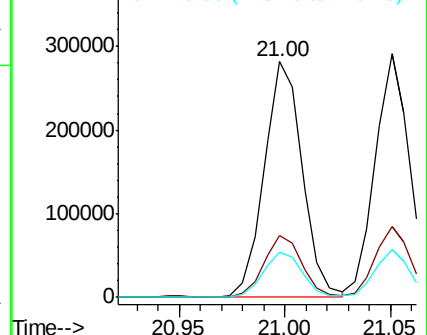
228 100

226 26.1 21.1 31.7

229 19.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.378 ng

RT: 20.94 min Scan# 3070

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

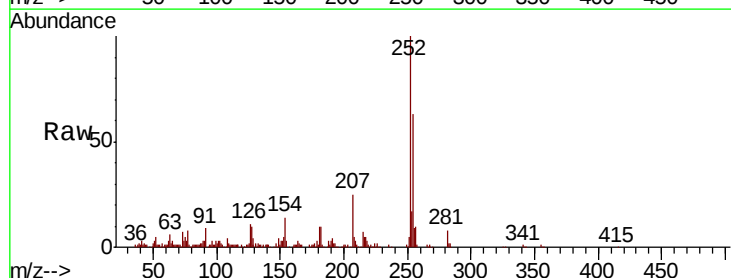
Tgt Ion:252 Resp: 124392

Ion Ratio Lower Upper

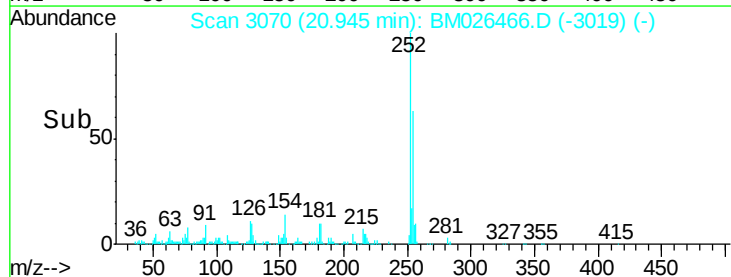
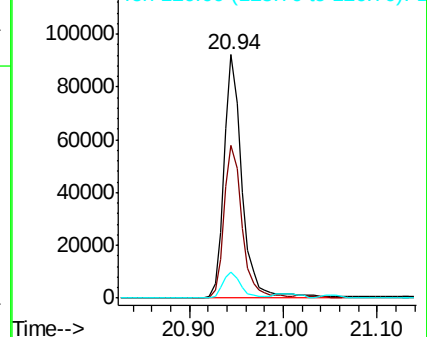
252 100

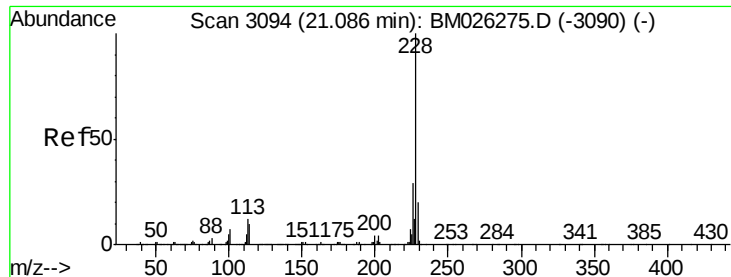
254 62.5 51.0 76.6

126 10.8 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E

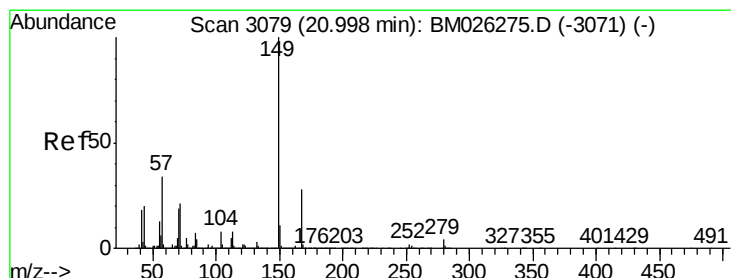
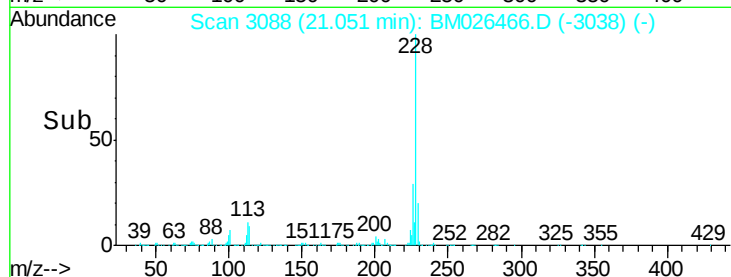
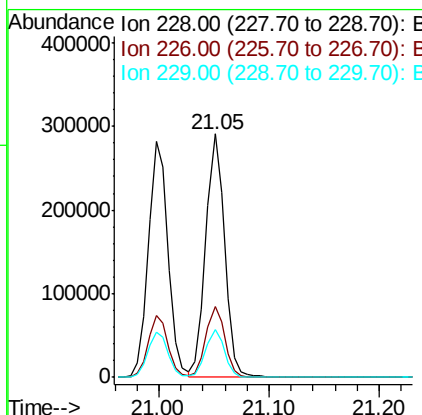
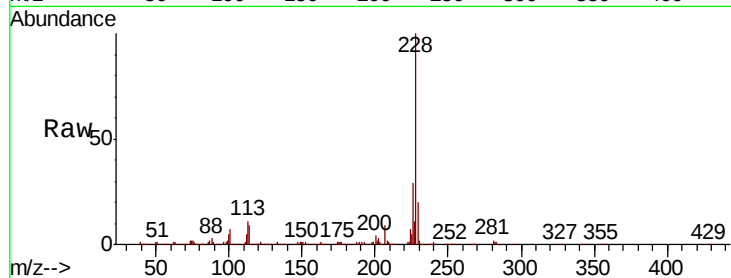




#83  
Chrysene  
Concen: 10.889 ng  
RT: 21.05 min Scan# 3088  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

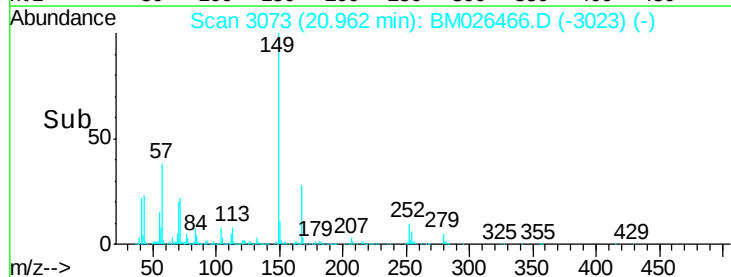
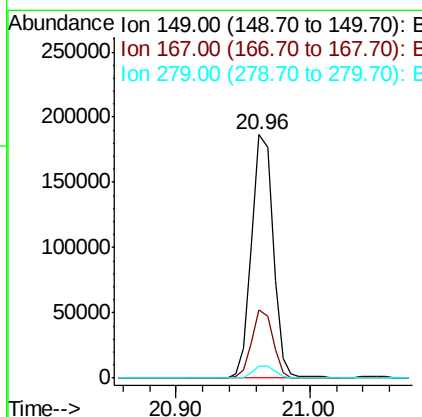
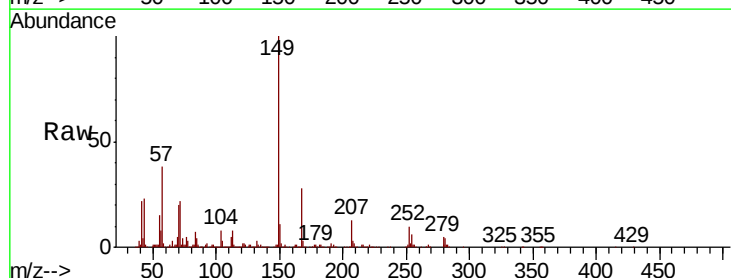
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

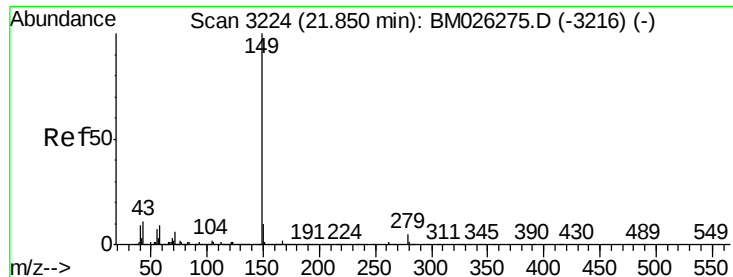
Tot Ion:228 Resp: 337064  
Ion Ratio Lower Upper  
228 100  
226 29.0 23.8 35.6  
229 19.7 15.5 23.3



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 10.082 ng  
RT: 20.96 min Scan# 3073  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

Tgt Ion:149 Resp: 207858  
Ion Ratio Lower Upper  
149 100  
167 28.0 22.0 33.0  
279 4.9 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 9.539 ng

RT: 21.81 min Scan# 3217

Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

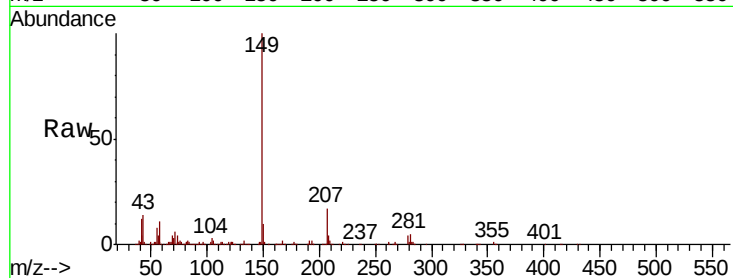
Tot Ion:149 Resp: 303370

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

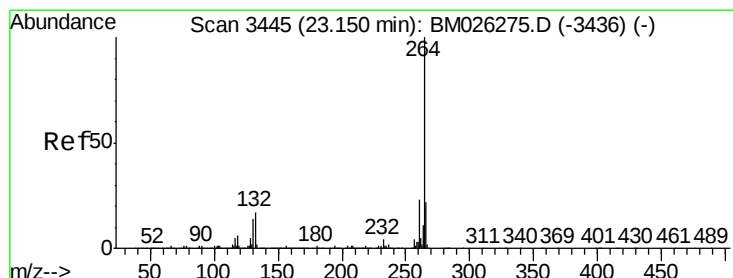
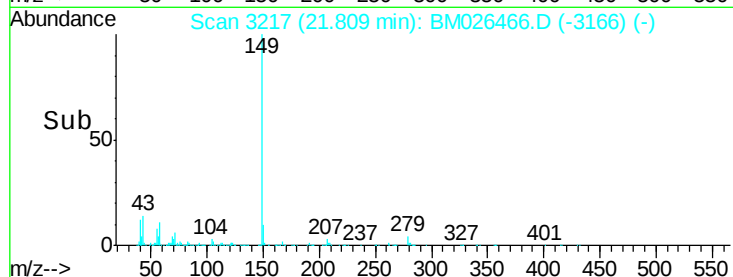
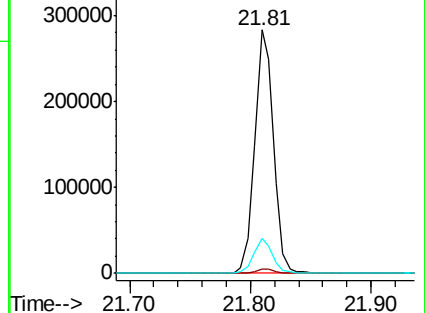
43 14.2 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#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 12:32

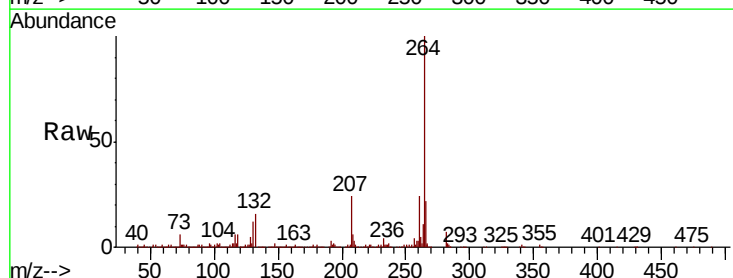
Tgt Ion:264 Resp: 475135

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

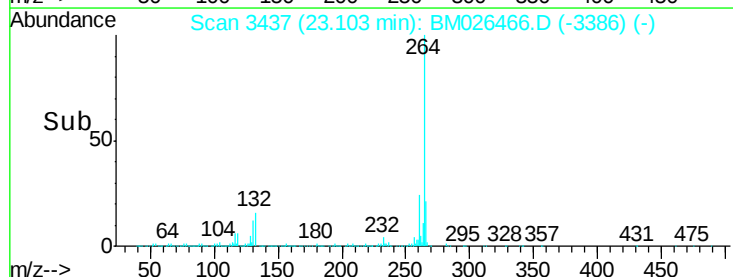
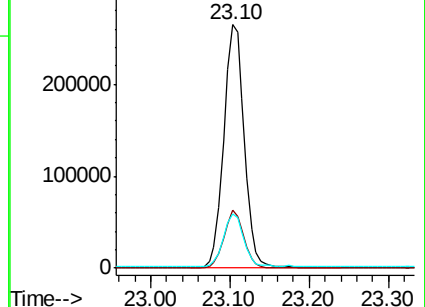
265 22.1 17.8 26.6

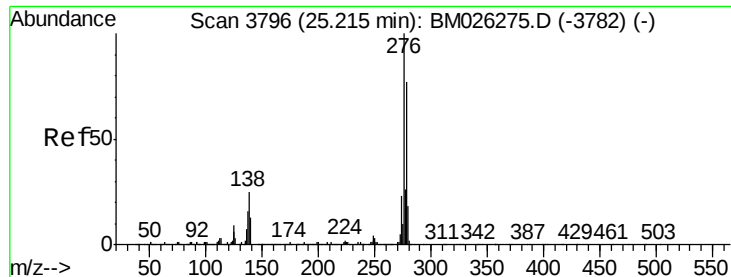


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.419 ng

RT: 25.14 min Scan# 3783

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

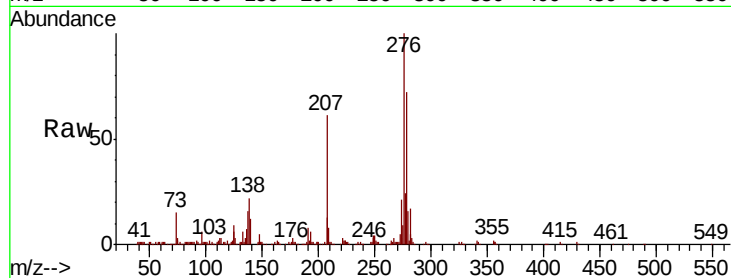
Tot Ion:276 Resp: 286363

Ion Ratio Lower Upper

276 100

138 23.4 19.0 28.6

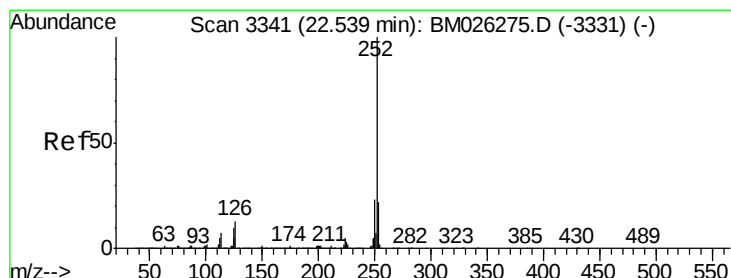
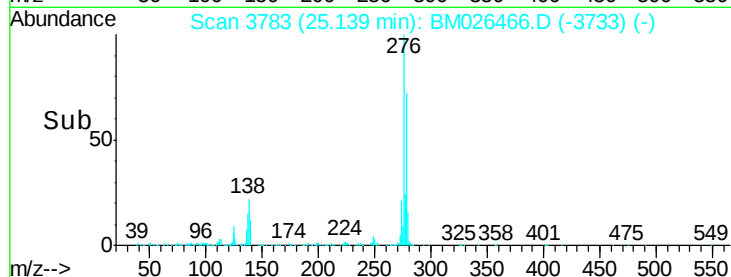
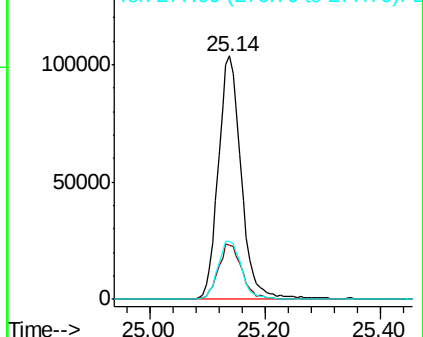
277 24.6 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 9.715 ng

RT: 22.49 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

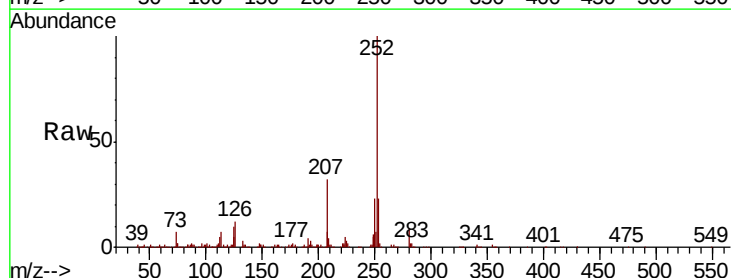
Tgt Ion:252 Resp: 277663

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

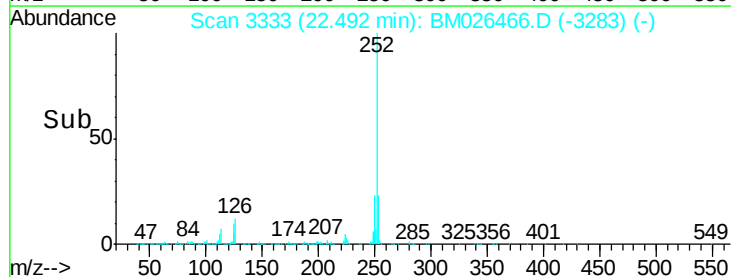
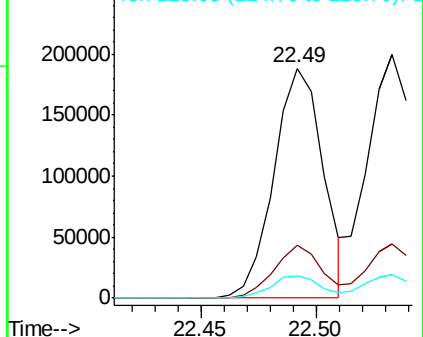
125 9.9 8.0 12.0

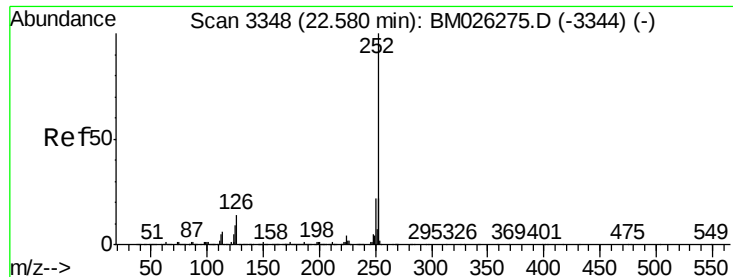


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

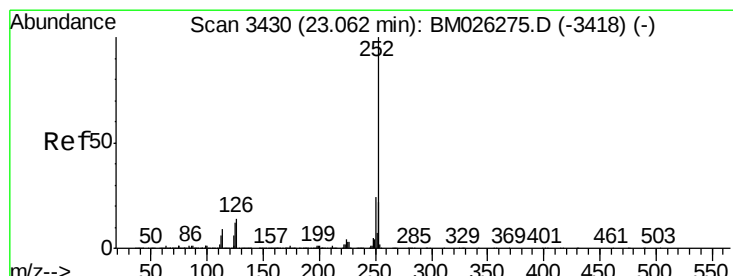
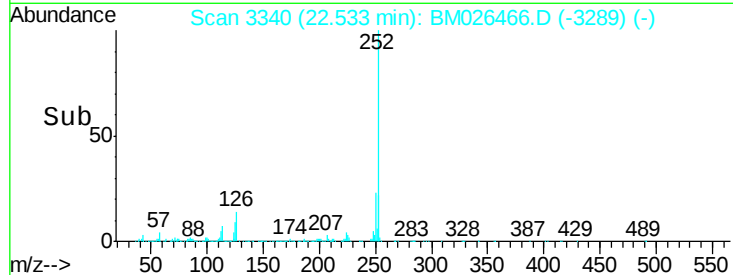
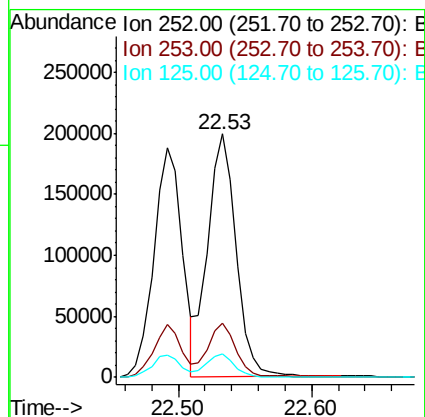
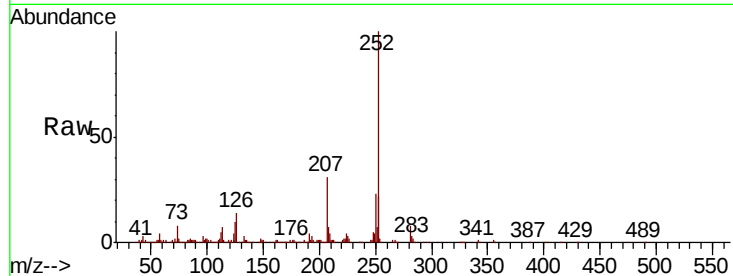




#89  
Benzo(k)fluoranthene  
Concen: 10.682 ng  
RT: 22.53 min Scan# 3340  
Delta R.T. 0.00 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

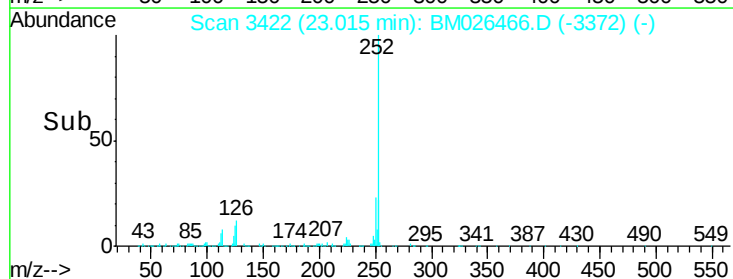
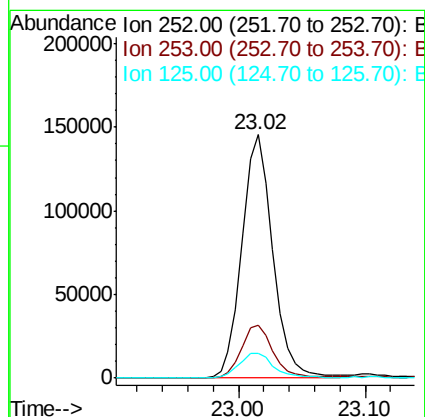
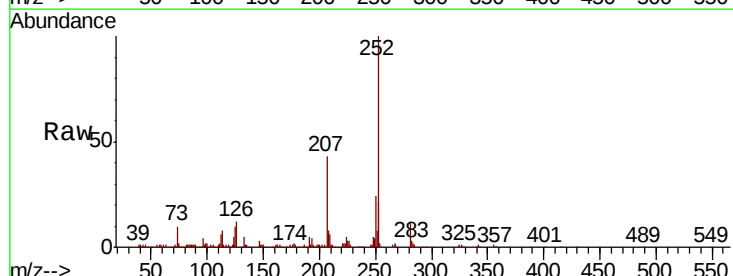
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

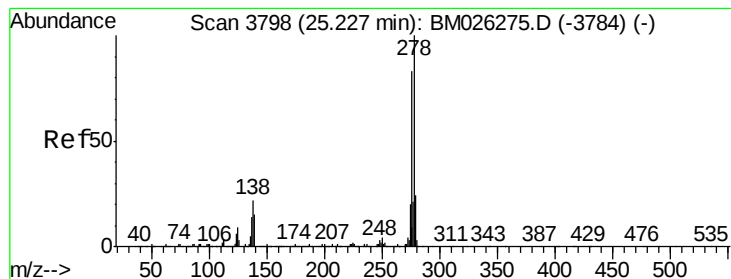
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.2  | 25.8  |
| 125     | 9.6   | 7.8   | 11.8  |



#90  
Benzo(a)pyrene  
Concen: 9.664 ng  
RT: 23.02 min Scan# 3422  
Delta R.T. -0.01 min  
Lab File: BM026466.D  
Acq: 19 Jun 2020 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.3  | 25.9  |
| 125     | 9.9   | 8.6   | 12.8  |





#91

Dibenzo(a,h)anthracene

Concen: 10.453 ng

RT: 25.15 min Scan# 3785

Delta R.T. -0.01 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Instrument :

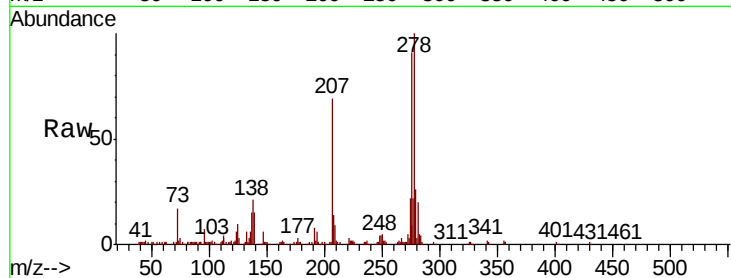
BNA\_M

ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:278 Resp: 239857

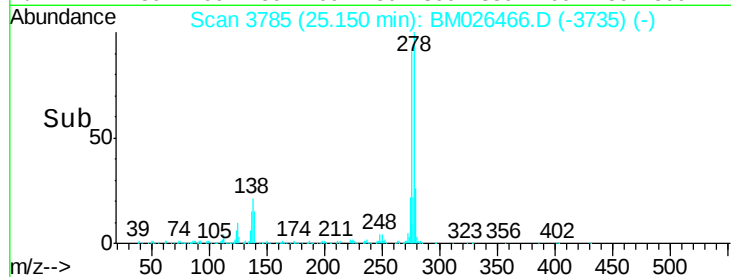
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.3  | 12.3  | 18.5  |
| 279 | 25.8  | 18.9  | 28.3  |



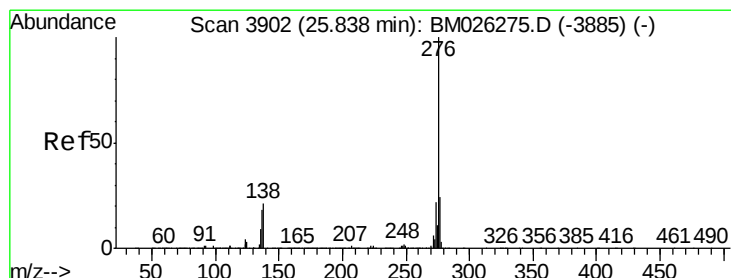
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 25.00 25.10 25.20 25.30



#92

Benzo(g,h,i)perylene

Concen: 11.060 ng

RT: 25.76 min Scan# 3888

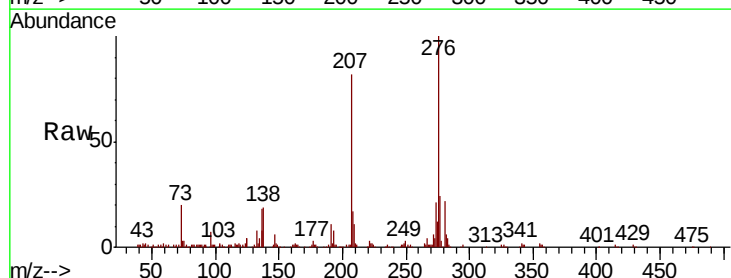
Delta R.T. 0.00 min

Lab File: BM026466.D

Acq: 19 Jun 2020 12:32

Tgt Ion:276 Resp: 241484

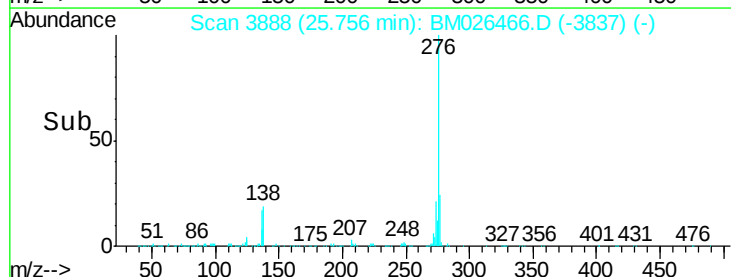
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.7  | 19.0  | 28.4  |
| 138 | 18.8  | 16.2  | 24.4  |



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time--> 25.60 25.80 26.00