

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\  
 Data File : BP002384.D  
 Acq On : 10 Jun 2020 20:33  
 Operator : CG/JU  
 Sample : L1161-02  
 Misc : L00--S-10PPM  
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 11 04:41:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 11 03:54:52 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 175516   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.36 | 136  | 696145   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.23 | 164  | 453660   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.99 | 188  | 1005322  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.10 | 240  | 1011610  | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 23.30 | 264  | 1182310  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.21  | 112 | 1523879 | 160.66 | ng | 0.00 |
| 7) Phenol-d6             | 6.78  | 99  | 1993539 | 157.86 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.73  | 82  | 1332913 | 114.34 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.74 | 330 | 990092  | 227.95 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.86 | 172 | 3035501 | 112.51 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.59 | 244 | 4561604 | 118.15 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.17  | 88  | 45397  | 10.390 | ng | 99     |
| 3) Pyridine                    | 3.55  | 79  | 104701 | 8.817  | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.46  | 42  | 45478  | 9.293  | ng | 98     |
| 6) Aniline                     | 6.92  | 93  | 172165 | 10.024 | ng | 99     |
| 8) 2-Chlorophenol              | 7.16  | 128 | 109049 | 10.225 | ng | 99     |
| 9) Benzaldehyde                | 6.73  | 77  | 98863  | 15.322 | ng | 98     |
| 10) Phenol                     | 6.80  | 94  | 135140 | 9.867  | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.03  | 93  | 110659 | 9.677  | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 7.48  | 146 | 124366 | 10.127 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.63  | 146 | 126593 | 10.246 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.94  | 146 | 120977 | 10.221 | ng | 99     |
| 15) Benzyl Alcohol             | 7.83  | 79  | 86138  | 8.800  | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.12  | 45  | 148662 | 9.162  | ng | 98     |
| 17) 2-Methylphenol             | 8.04  | 107 | 89251  | 8.918  | ng | 99     |
| 18) Hexachloroethane           | 8.66  | 117 | 42778  | 9.503  | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.39  | 70  | 85915  | 10.178 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.36  | 107 | 121021 | 8.960  | ng | 99     |
| 22) Acetophenone               | 8.40  | 105 | 176343 | 11.275 | ng | # 99   |
| 24) Nitrobenzene               | 8.78  | 77  | 132014 | 10.535 | ng | 95     |
| 25) Isophorone                 | 9.30  | 82  | 239891 | 10.104 | ng | 97     |
| 26) 2-Nitrophenol              | 9.49  | 139 | 53015  | 9.495  | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.56  | 122 | 87029  | 9.935  | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 9.79  | 93  | 149164 | 10.548 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.02 | 162 | 102064 | 10.351 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.23 | 180 | 122063 | 11.105 | ng | 98     |
| 31) Naphthalene                | 10.41 | 128 | 354891 | 10.973 | ng | 99     |
| 32) Benzoic acid               | 9.64  | 122 | 18724  | 2.810  | ng | 91     |
| 33) 4-Chloroaniline            | 10.52 | 127 | 142797 | 10.114 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.72 | 225 | 73438  | 11.449 | ng | 96     |
| 35) Caprolactam                | 11.26 | 113 | 36033  | 10.361 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 11.66 | 107 | 105376 | 9.877  | ng | 95     |
| 37) 2-Methylnaphthalene        | 12.03 | 142 | 258734 | 11.271 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.26 | 142 | 245455 | 11.392 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.41 | 216 | 146047 | 12.213 | ng | 98     |

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 Misc : L00--S-10PPM  
 ALS Vial : 7 Sample Multiplier: 1

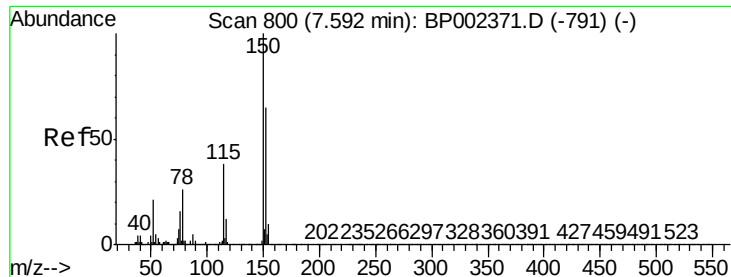
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2020

Quant Time: Jun 11 04:41:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 11 03:54:52 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.40 | 237  | 62014    | 9.754  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol      | 12.66 | 196  | 84789    | 10.018 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.73 | 196  | 93316    | 9.522  | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.06 | 154  | 349046   | 11.740 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.10 | 162  | 258109   | 10.613 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.30 | 65   | 63919    | 8.233  | ng    | 98       |
| 49) Acenaphthylene             | 13.95 | 152  | 418342   | 10.777 | ng    | 99       |
| 50) Dimethylphthalate          | 13.70 | 163  | 325484   | 10.471 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.81 | 165  | 65831    | 9.752  | ng    | 96       |
| 52) Acenaphthene               | 14.30 | 154  | 248097   | 10.910 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.13 | 138  | 64085    | 8.314  | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 14.35 | 184  | 22418    | 6.055  | ng    | 96       |
| 55) Dibenzofuran               | 14.64 | 168  | 413779   | 11.302 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.46 | 139  | 48667    | 7.952  | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 14.60 | 165  | 85329    | 9.286  | ng    | 99       |
| 58) Fluorene                   | 15.29 | 166  | 324416   | 11.266 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.87 | 232  | 85694    | 11.015 | ng    | 94       |
| 60) Diethylphthalate           | 15.08 | 149  | 322772   | 10.363 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.30 | 204  | 171310   | 12.272 | ng    | 93       |
| 62) 4-Nitroaniline             | 15.30 | 138  | 67669    | 9.136  | ng    | 97       |
| 63) Azobenzene                 | 15.59 | 77   | 314312   | 10.138 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.37 | 198  | 43806    | 8.258  | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.51 | 169  | 286603   | 11.160 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.19 | 248  | 109784   | 11.528 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.30 | 284  | 129379   | 12.802 | ng    | 95       |
| 69) Atrazine                   | 16.47 | 200  | 110206   | 13.155 | ng    | 98       |
| 70) Pentachlorophenol          | 16.65 | 266  | 55060    | 9.107  | ng    | 94       |
| 71) Phenanthrene               | 17.03 | 178  | 534807   | 11.372 | ng    | 100      |
| 72) Anthracene                 | 17.13 | 178  | 533602   | 11.422 | ng    | 98       |
| 73) Carbazole                  | 17.40 | 167  | 482115   | 10.491 | ng    | 98       |
| 74) Di-n-butylphthalate        | 17.99 | 149  | 524374   | 9.642  | ng    | 98       |
| 75) Fluoranthene               | 19.02 | 202  | 641254   | 11.424 | ng    | 99       |
| 77) Benzidine                  | 19.20 | 184  | 309610   | 13.697 | ng    | 99       |
| 78) Pyrene                     | 19.37 | 202  | 674382   | 10.883 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.27 | 149  | 222617   | 8.082  | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.08 | 228  | 664583   | 11.509 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.02 | 252  | 258301   | 12.037 | ng    | 99       |
| 83) Chrysene                   | 21.13 | 228  | 645804   | 11.805 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.05 | 149  | 364503   | 9.097  | ng    | # 99     |
| 85) Di-n-octyl phthalate       | 21.91 | 149  | 598572   | 8.517  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 25.50 | 276  | 788717   | 10.666 | ng    | 97       |
| 88) Benzo(b)fluoranthene       | 22.64 | 252  | 684386   | 10.734 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 22.68 | 252  | 657577   | 10.855 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.20 | 252  | 601372   | 10.065 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 25.52 | 278  | 662975   | 11.176 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.17 | 276  | 659525   | 10.735 | ng    | 95       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 800

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

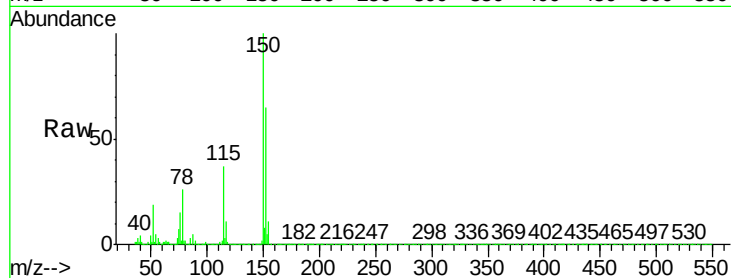
Tot Ion:152 Resp: 175516

Ion Ratio Lower Upper

152 100

150 153.5 124.0 186.0

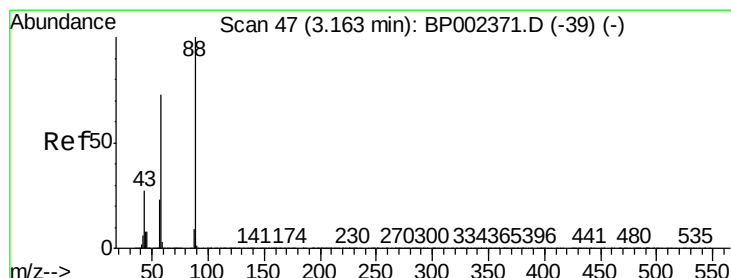
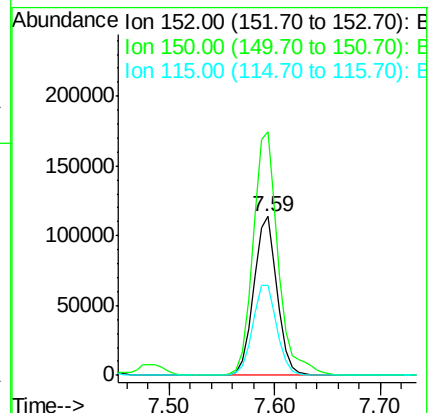
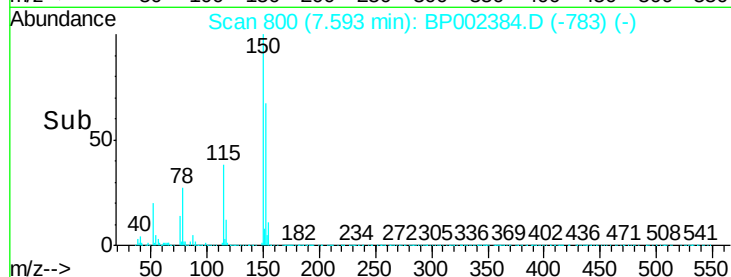
115 57.0 47.4 71.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.390 ng

RT: 3.17 min Scan# 48

Delta R.T. 0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

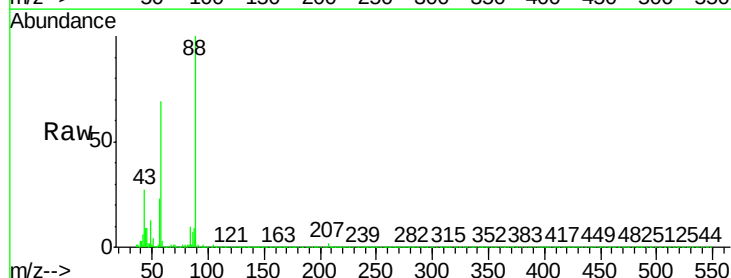
Tgt Ion: 88 Resp: 45397

Ion Ratio Lower Upper

88 100

58 71.8 58.2 87.4

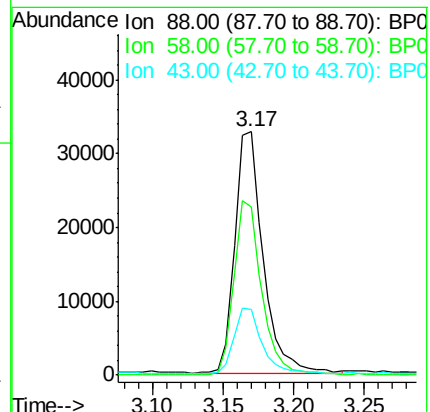
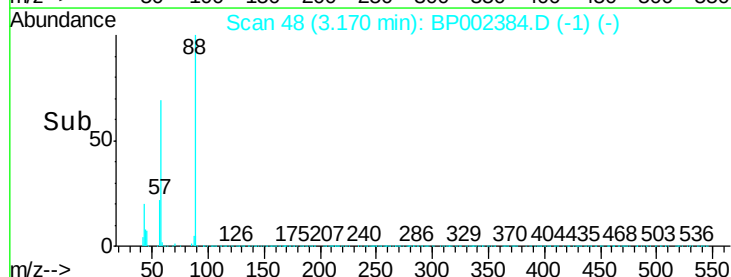
43 26.7 21.8 32.8

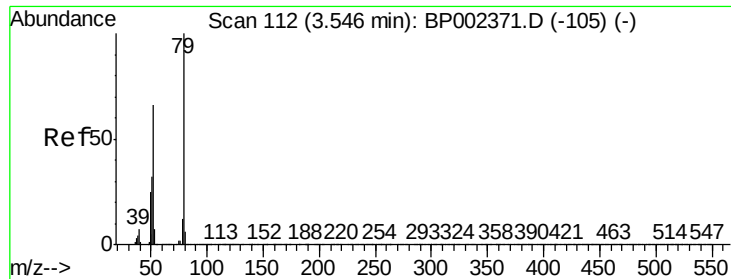


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 8.817 ng

RT: 3.55 min Scan# 113

Delta R.T. 0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

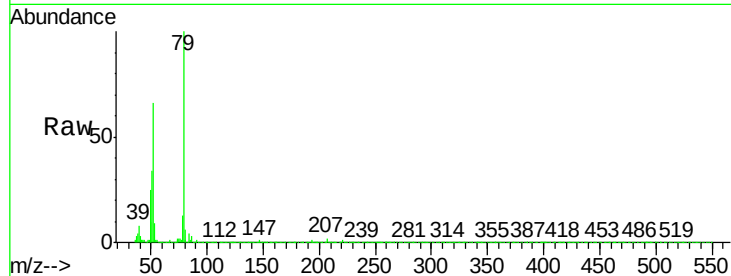
Tot Ion: 79 Resp: 104701

Ion Ratio Lower Upper

79 100

52 66.3 52.5 78.7

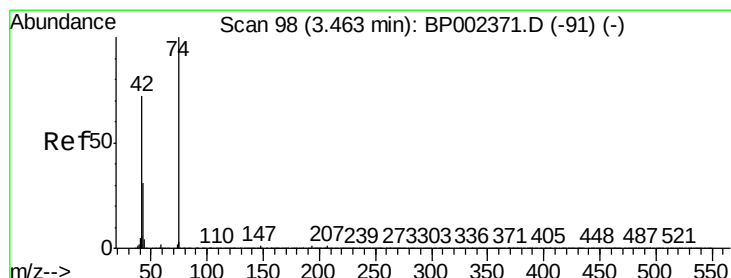
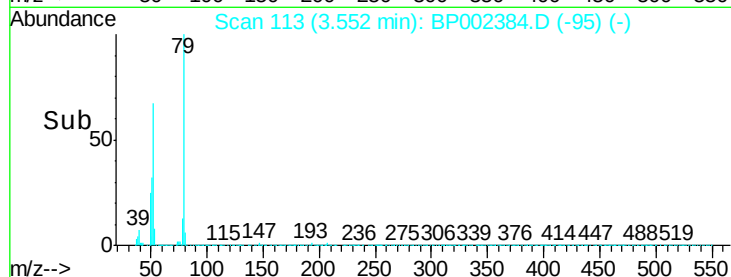
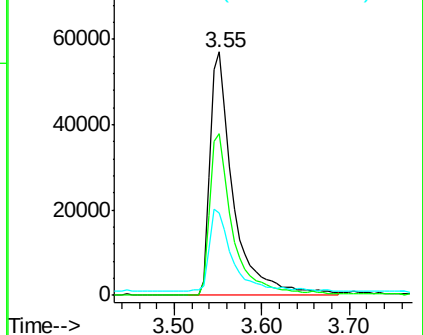
51 33.9 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 9.293 ng

RT: 3.46 min Scan# 98

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

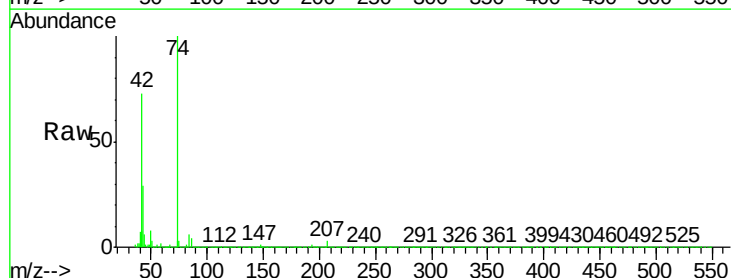
Tgt Ion: 42 Resp: 45478

Ion Ratio Lower Upper

42 100

74 136.6 111.1 166.7

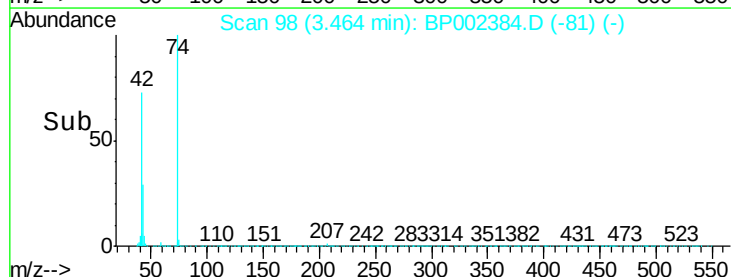
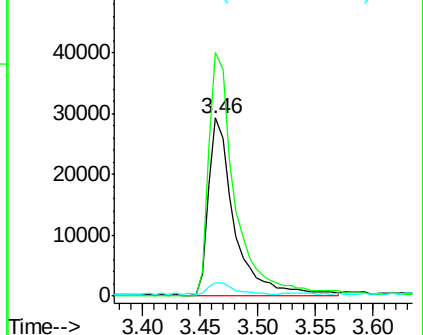
44 7.6 5.4 8.0

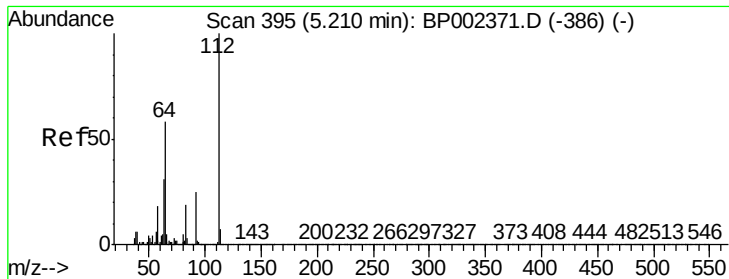


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 160.658 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

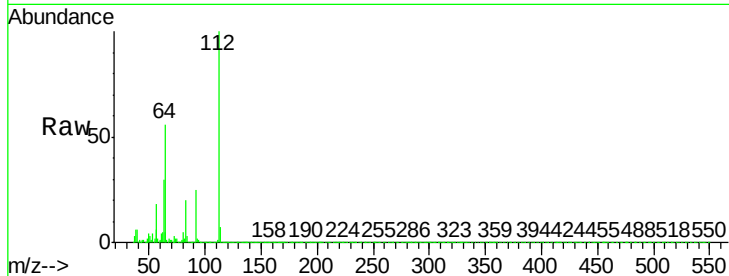
Tot Ion:112 Resp: 1523879

Ion Ratio Lower Upper

112 100

64 55.6 46.2 69.2

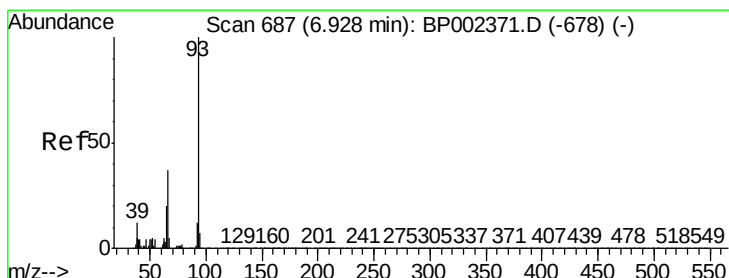
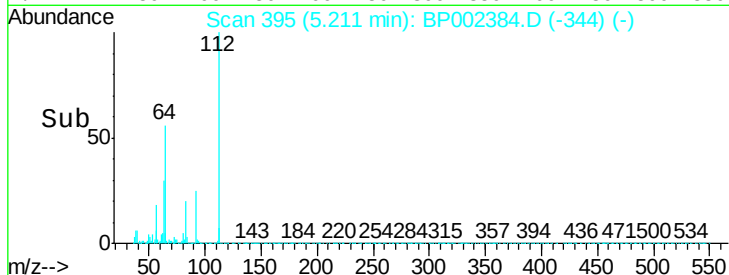
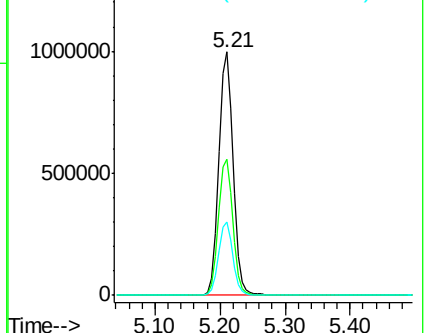
63 30.0 24.5 36.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 10.024 ng

RT: 6.92 min Scan# 686

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

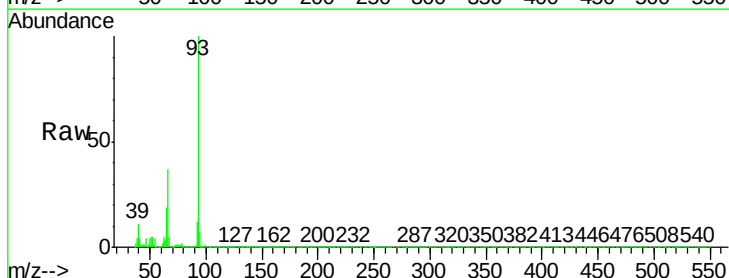
Tgt Ion: 93 Resp: 172165

Ion Ratio Lower Upper

93 100

66 36.8 29.8 44.6

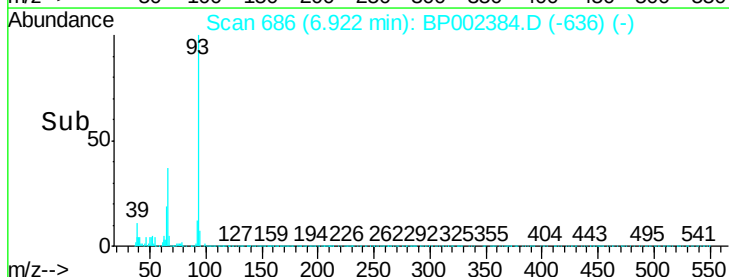
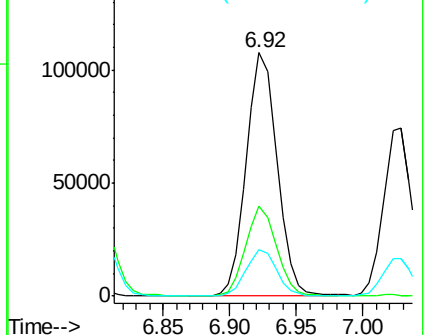
65 18.9 15.7 23.5

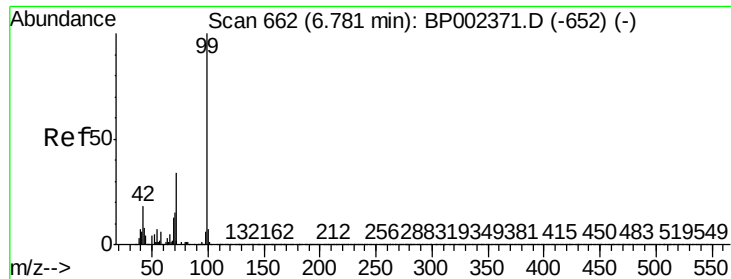


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 157.860 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

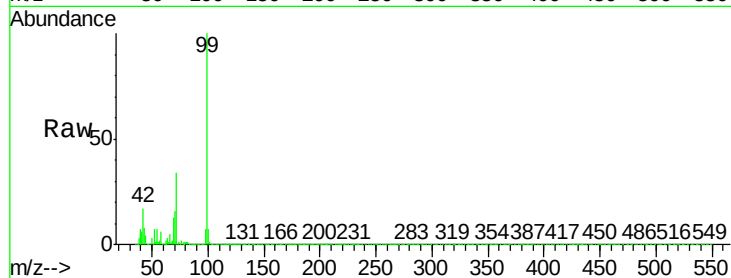
BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion: 99 Resp: 1993539

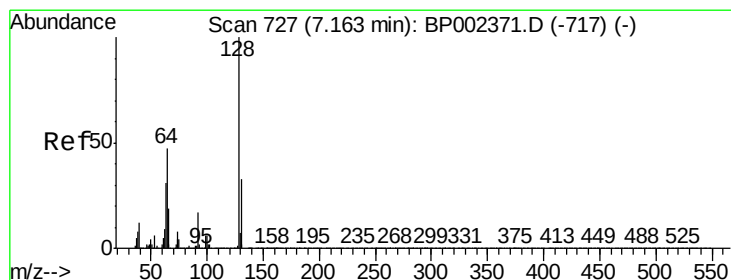
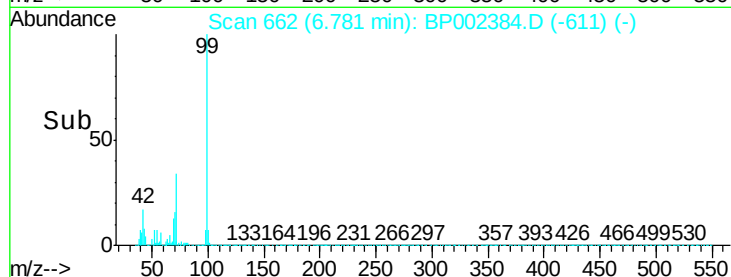
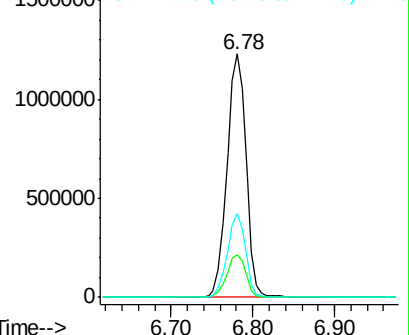
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.4  | 14.6  | 22.0  |
| 71  | 34.2  | 27.2  | 40.8  |



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 10.225 ng

RT: 7.16 min Scan# 726

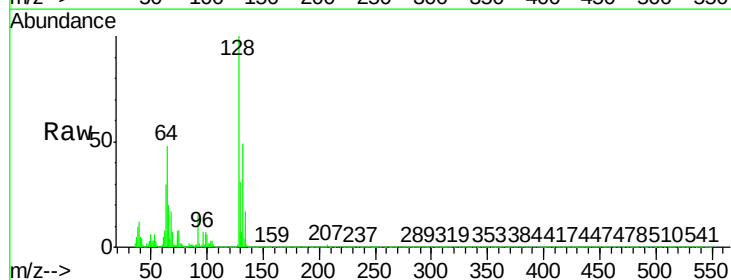
Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Tgt Ion: 128 Resp: 109049

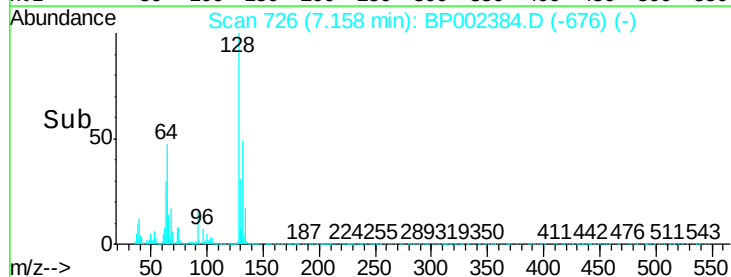
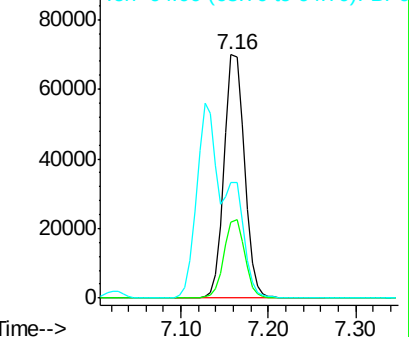
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.1  | 12.5  | 52.5  |
| 64  | 47.6  | 27.7  | 67.7  |



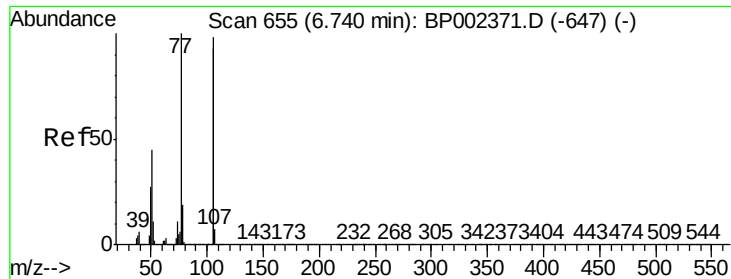
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0







#9

Benzaldehyde

Concen: 15.322 ng

RT: 6.73 min Scan# 654

Delta R.T. -0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

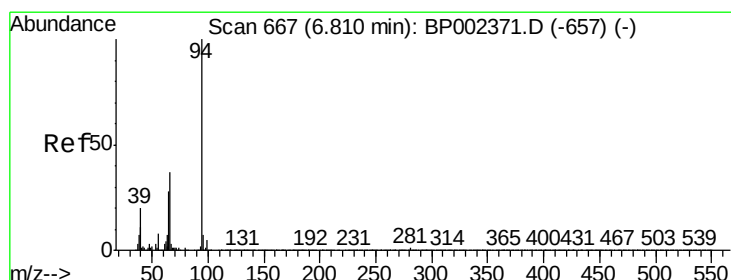
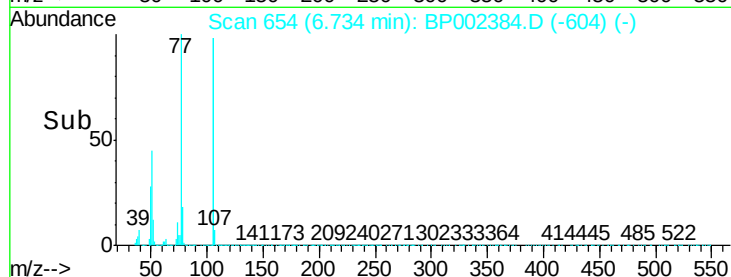
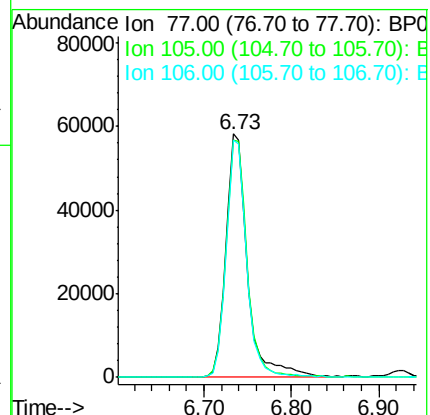
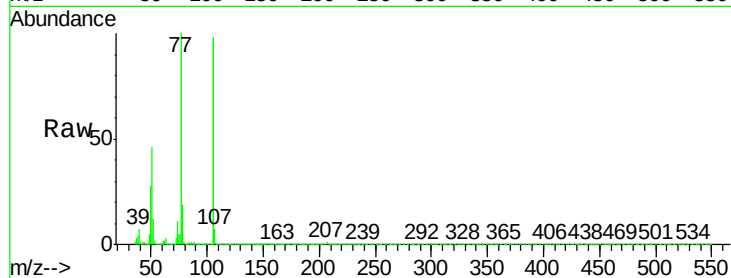
Tot Ion: 77 Resp: 98863

Ion Ratio Lower Upper

77 100

105 97.6 78.1 118.1

106 97.3 73.2 113.2



#10

Phenol

Concen: 9.867 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

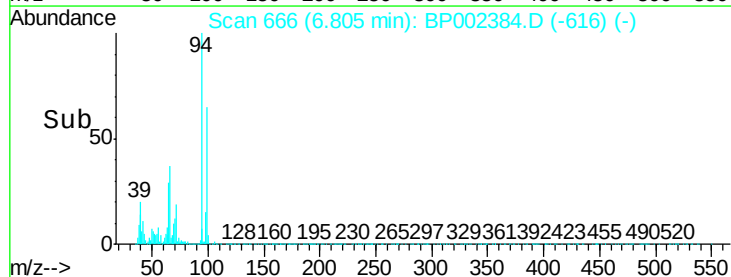
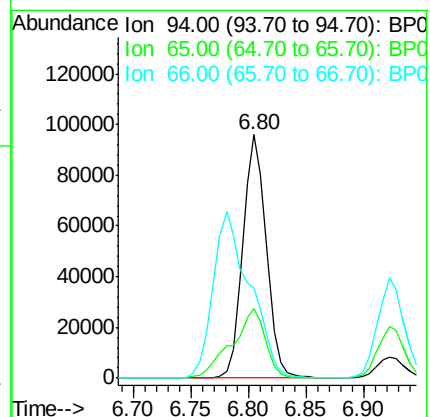
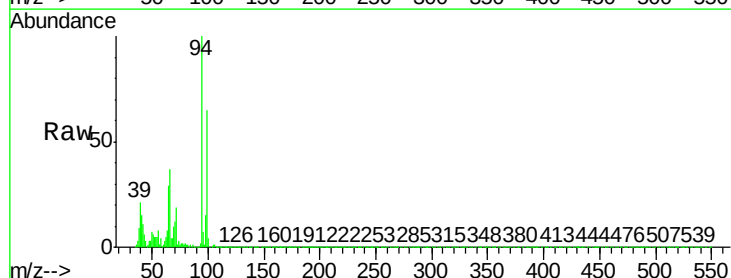
Tgt Ion: 94 Resp: 135140

Ion Ratio Lower Upper

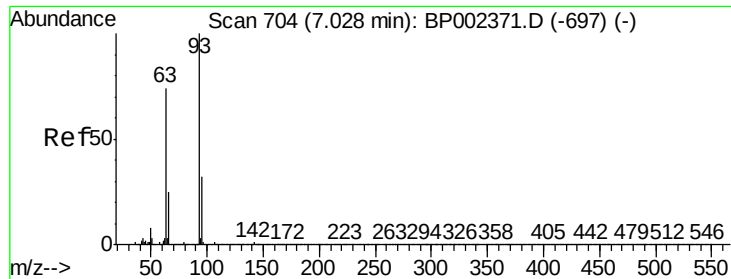
94 100

65 28.8 7.7 47.7

66 37.1 16.9 56.9



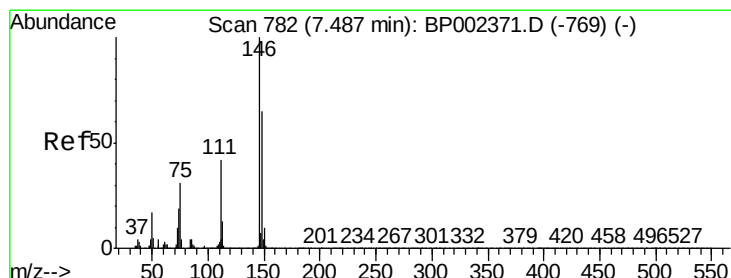
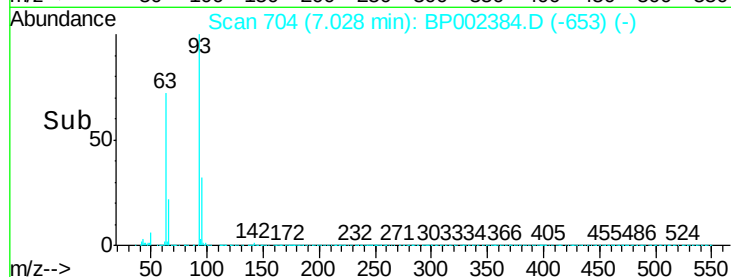
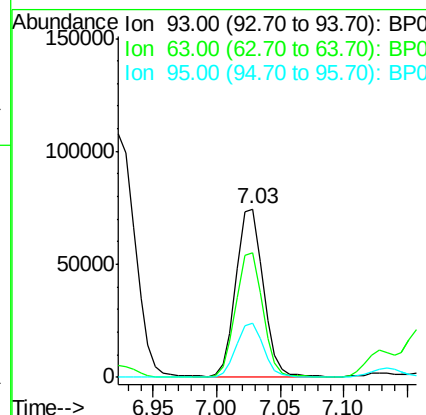
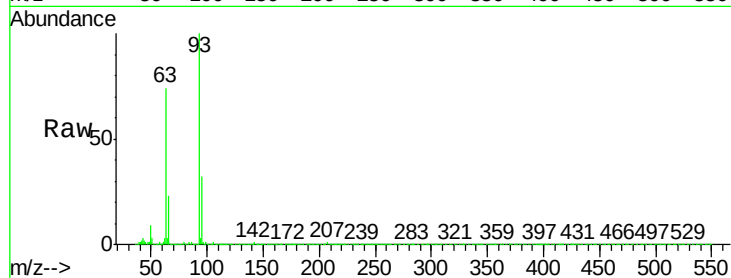




#11  
bis(2-Chloroethyl)ether  
Concen: 9.677 ng  
RT: 7.03 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

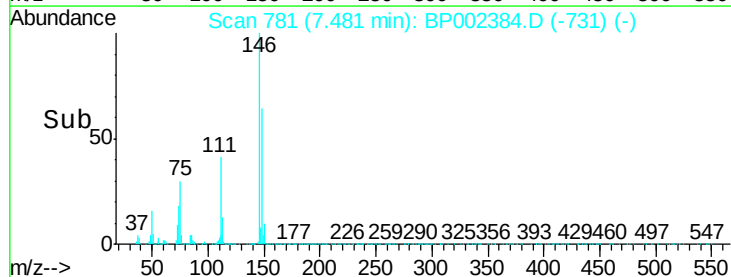
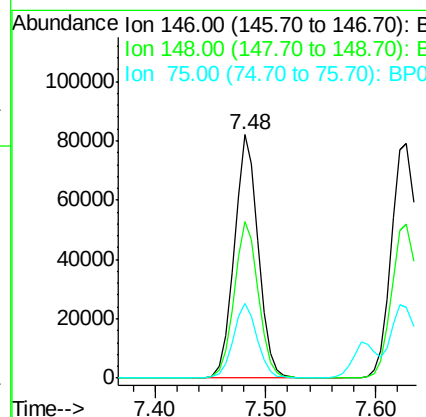
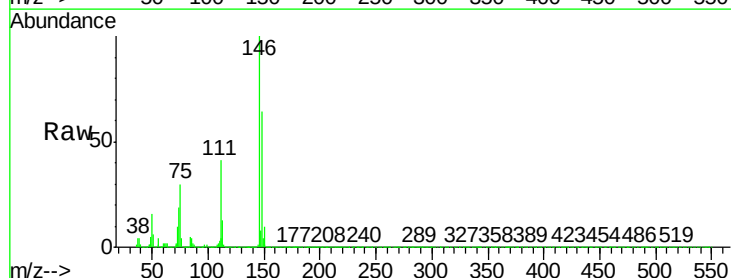
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

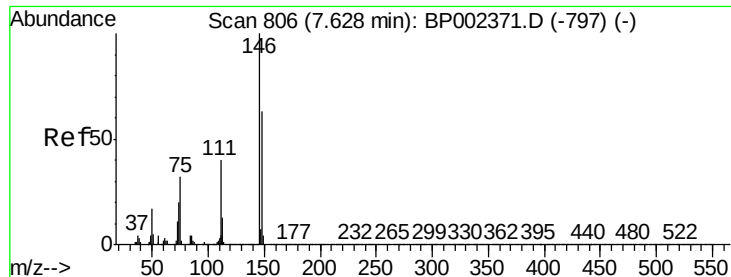
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 110659 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 74.1  | 54.2  | 94.2   |
| 95       | 32.2  | 11.8  | 51.8   |



#12  
1,3-Dichlorobenzene  
Concen: 10.127 ng  
RT: 7.48 min Scan# 781  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 124366 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.1  | 51.6  | 77.4   |
| 75       | 30.5  | 25.0  | 37.4   |





#13

1,4-Dichlorobenzene

Concen: 10.246 ng

RT: 7.63 min Scan# 806

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

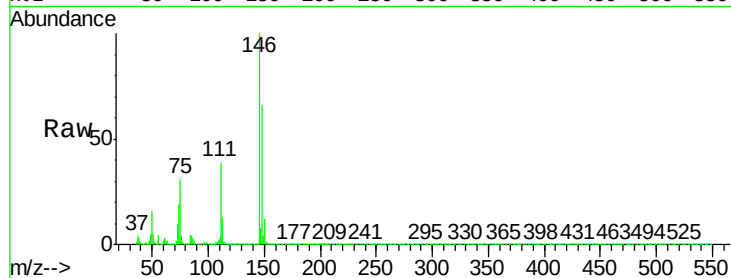
Tot Ion:146 Resp: 126593

Ion Ratio Lower Upper

146 100

148 65.7 50.7 76.1

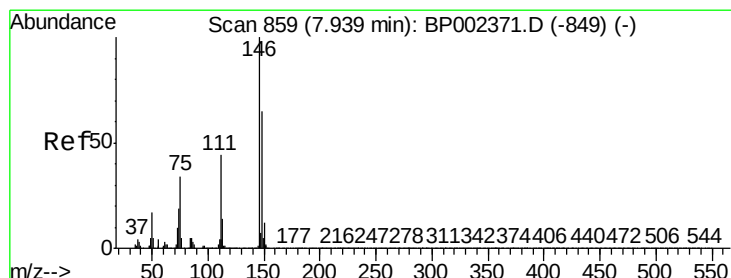
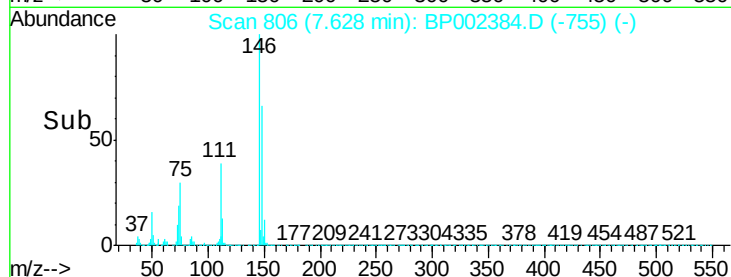
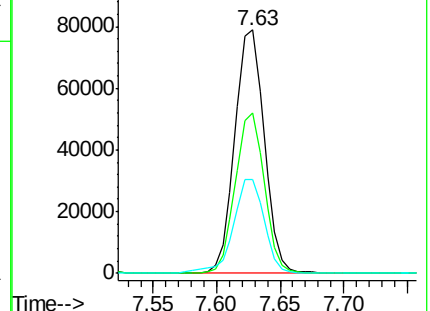
111 38.6 32.2 48.2



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: 10.221 ng

RT: 7.94 min Scan# 859

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

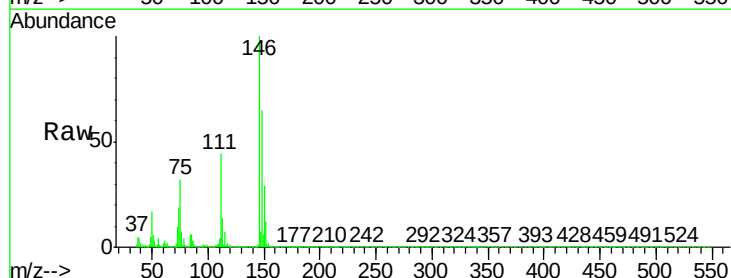
Tgt Ion:146 Resp: 120977

Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.6

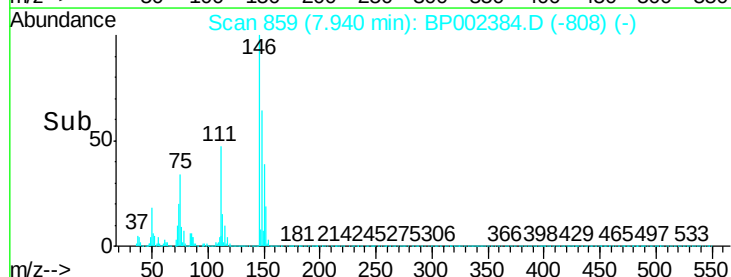
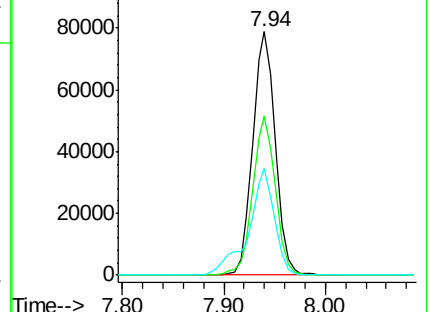
111 43.9 35.4 53.2

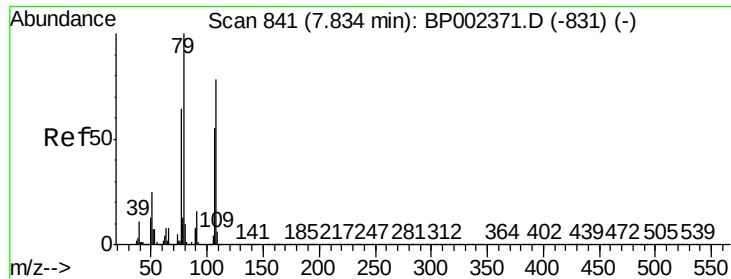


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

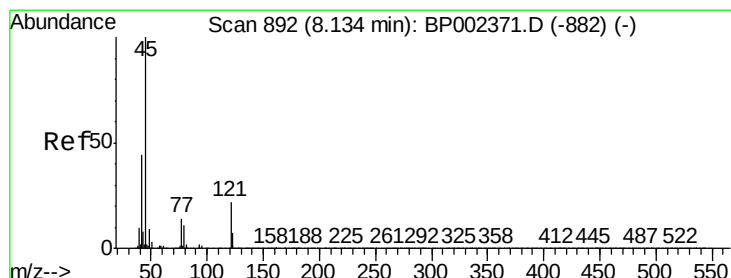
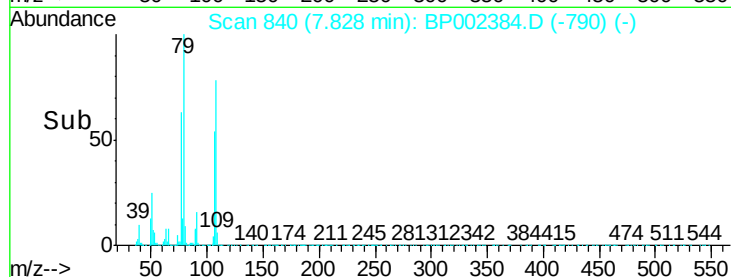
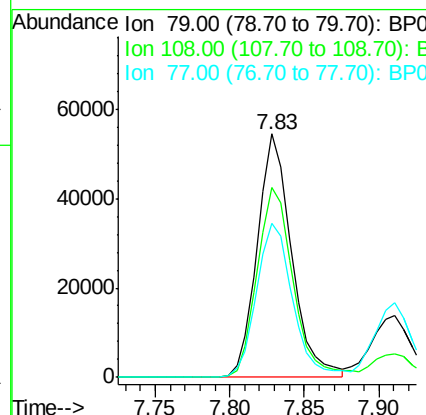
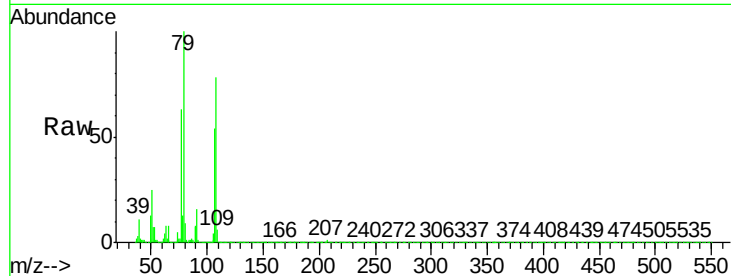




#15  
Benzyl Alcohol  
Concen: 8.800 ng  
RT: 7.83 min Scan# 840  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

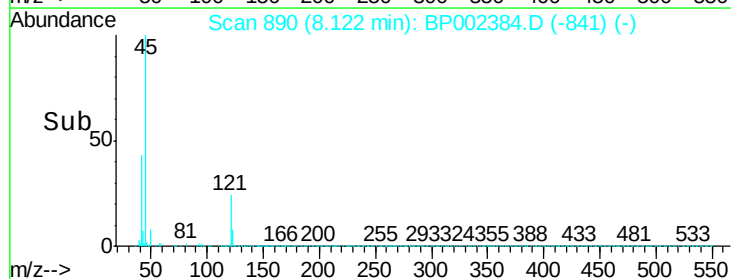
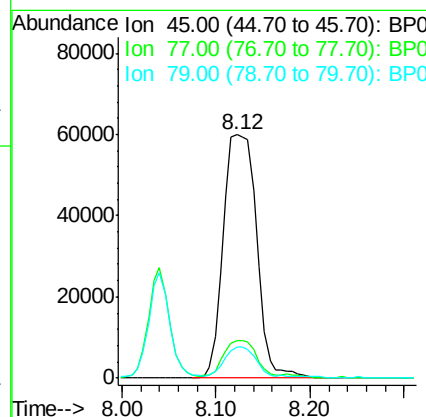
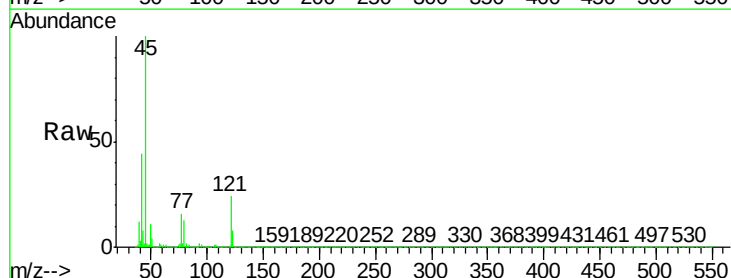
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

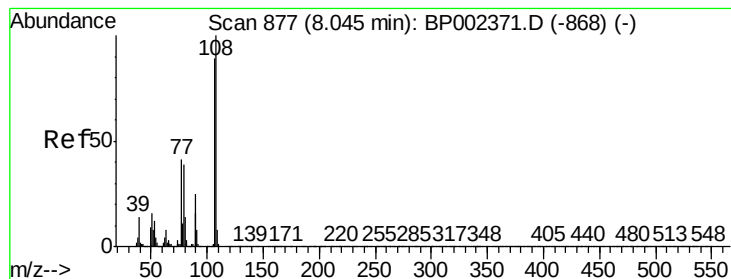
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 77.9  | 62.6  | 94.0  |
| 77      | 63.1  | 51.5  | 77.3  |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 9.162 ng  
RT: 8.12 min Scan# 890  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 15.6  | 0.0   | 35.0  |
| 79      | 12.8  | 0.0   | 32.0  |





#17

2-Methylphenol

Concen: 8.918 ng

RT: 8.04 min Scan# 876

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:107 Resp: 89251

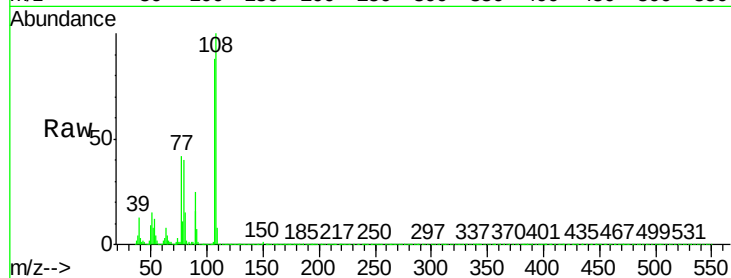
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 114.2 | 90.3  | 135.5 |
| 77  | 47.6  | 37.1  | 55.7  |
| 79  | 45.4  | 35.8  | 53.6  |

107 100

108 114.2 90.3 135.5

77 47.6 37.1 55.7

79 45.4 35.8 53.6

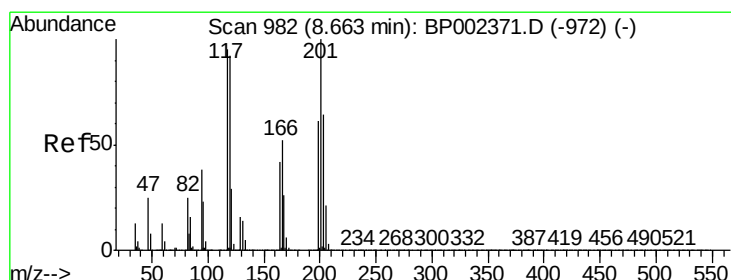
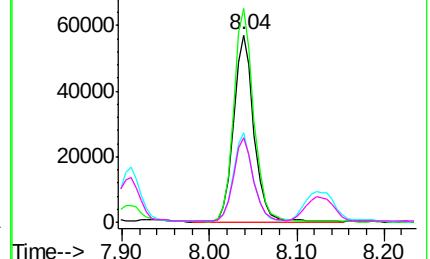
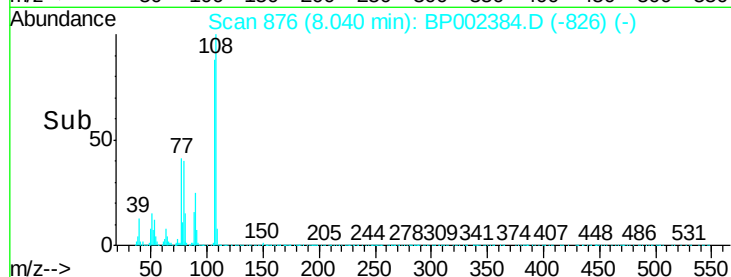


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 9.503 ng

RT: 8.66 min Scan# 982

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

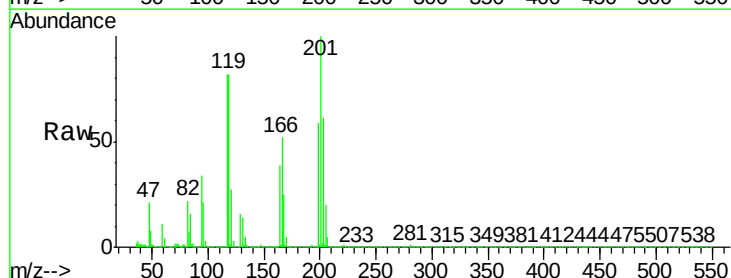
Tgt Ion:117 Resp: 42778

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 99.8  | 77.8  | 116.8 |
| 201 | 121.5 | 84.2  | 126.4 |

117 100

119 99.8 77.8 116.8

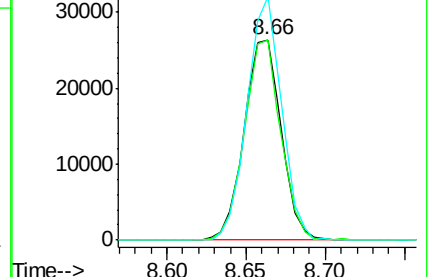
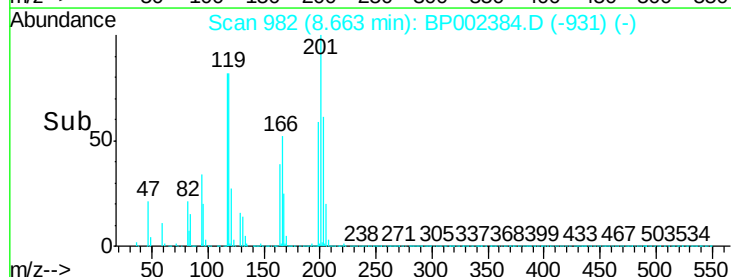
201 121.5 84.2 126.4

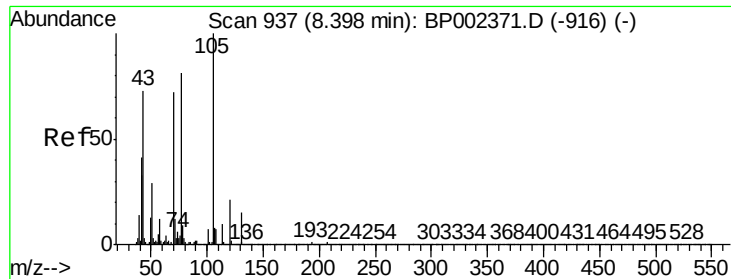


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

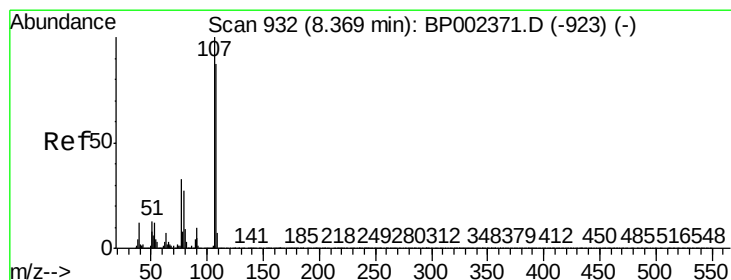
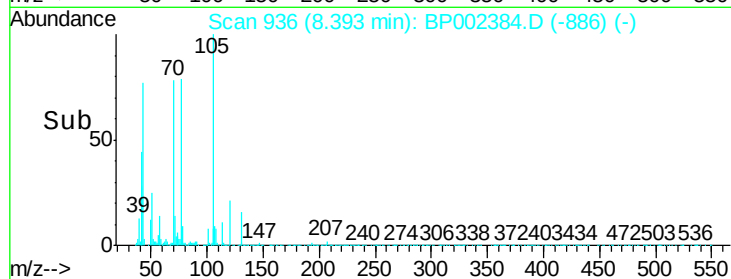
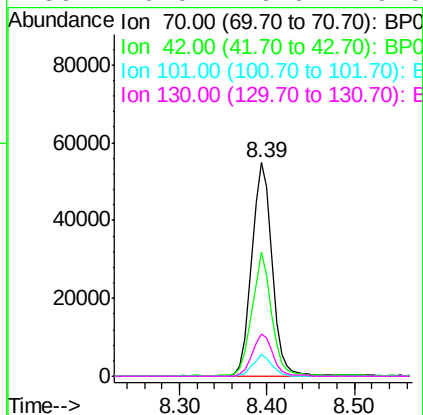
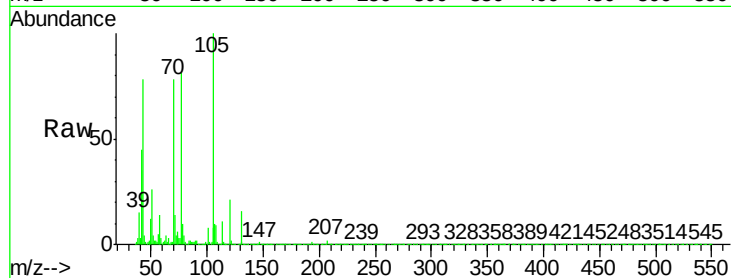




#19  
n-Nitroso-di-n-propylamine  
Concen: 10.178 ng  
RT: 8.39 min Scan# 936  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

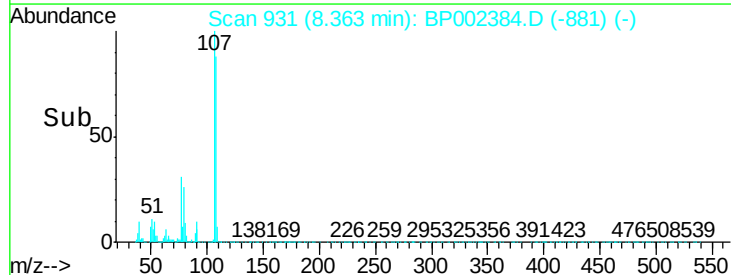
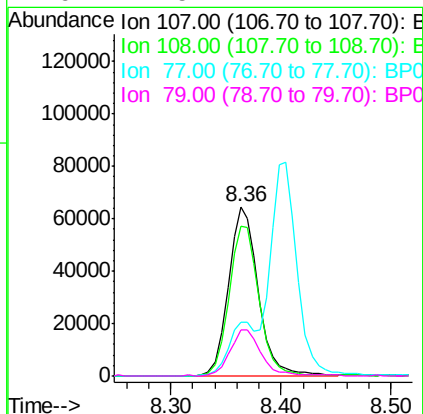
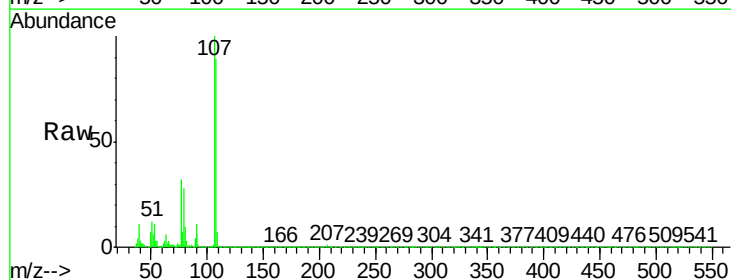
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

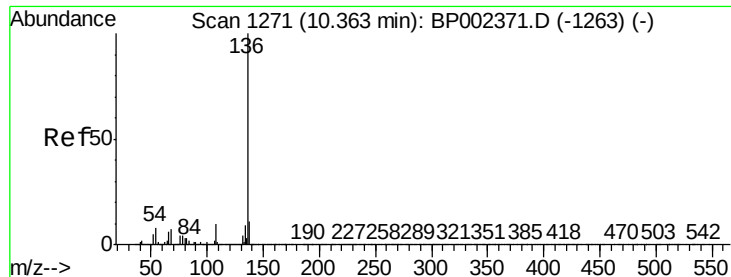
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 85915 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 57.9  | 45.7  | 68.5  |
| 101      | 10.4  | 7.5   | 11.3  |
| 130      | 20.0  | 16.6  | 25.0  |



#20  
3+4-Methylphenols  
Concen: 8.960 ng  
RT: 8.36 min Scan# 931  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 121021 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.7  | 67.5  | 107.5  |
| 77       | 32.0  | 13.5  | 53.5   |
| 79       | 27.5  | 7.4   | 47.4   |

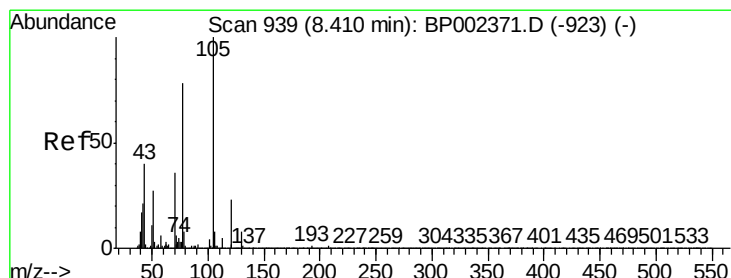
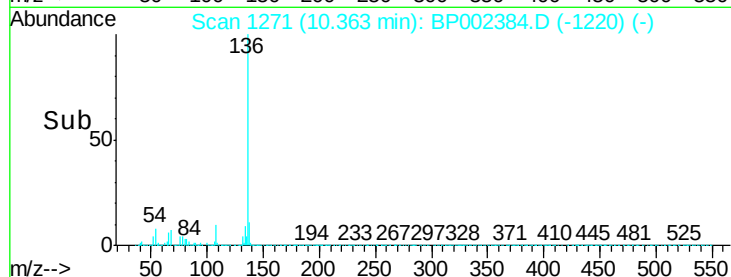
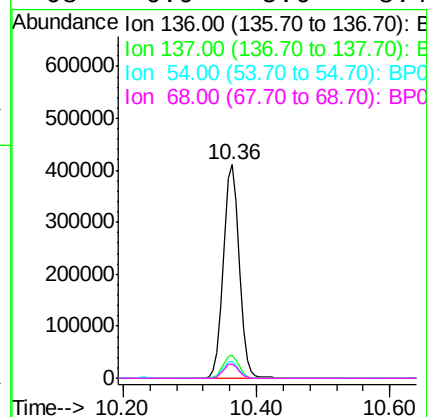
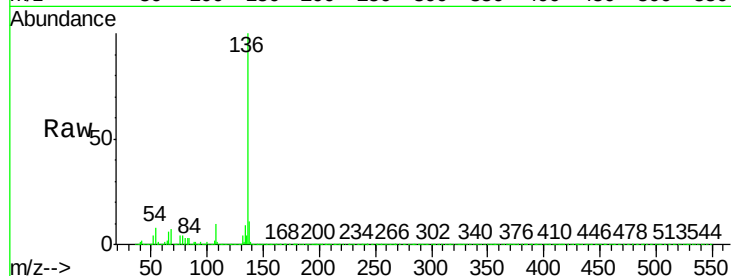




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.36 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

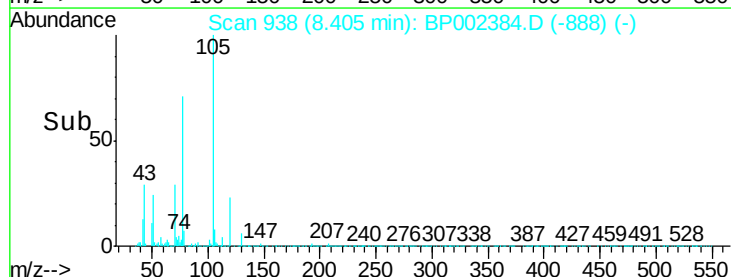
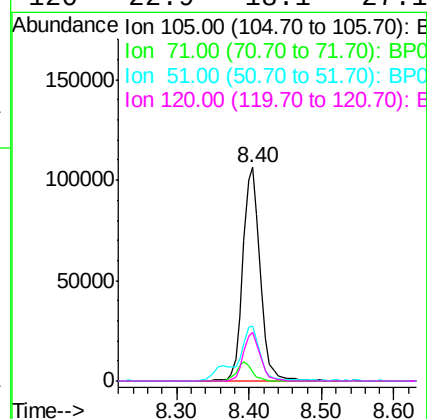
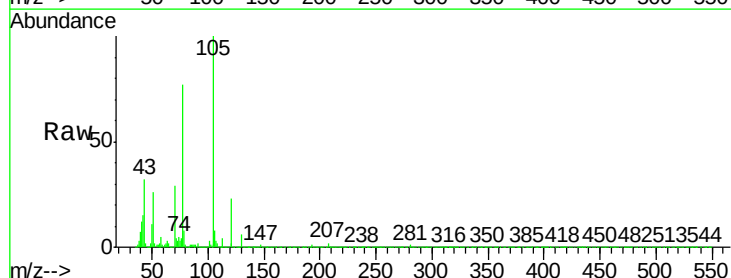
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

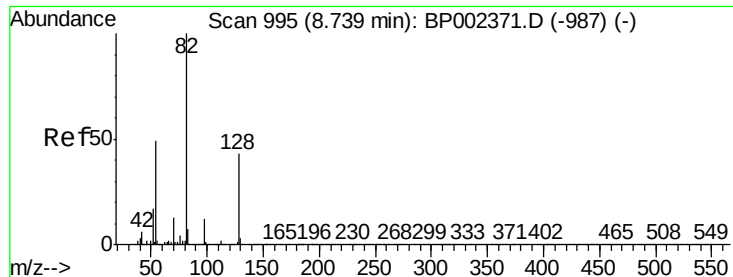
|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 696145 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.9    | 8.8 13.2     |
| 54 7.9      | 6.4 9.6      |
| 68 6.9      | 5.6 8.4      |



#22  
Acetophenone  
Concen: 11.275 ng  
RT: 8.40 min Scan# 938  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 176343 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 4.3     | 4.7   | 7.1#   |
| 51  | 26.1    | 21.4  | 32.0   |
| 120 | 22.9    | 18.1  | 27.1   |

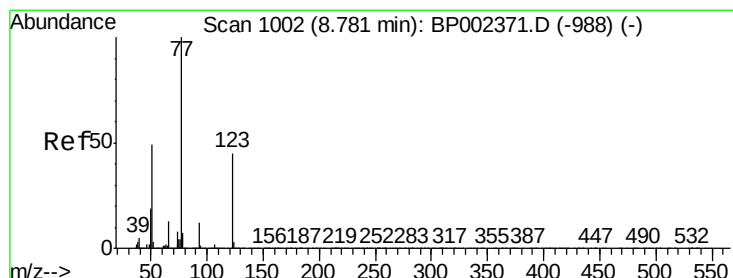
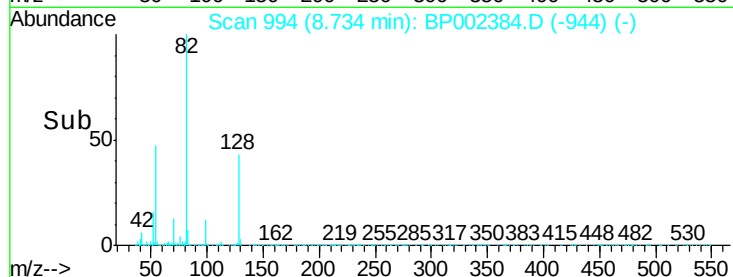
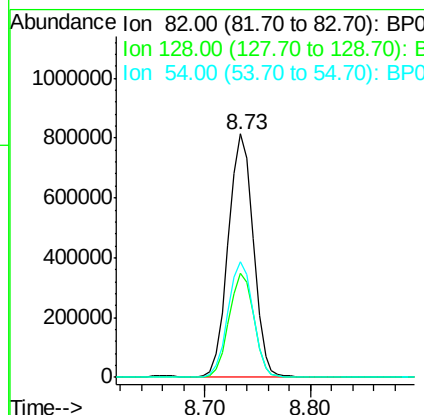
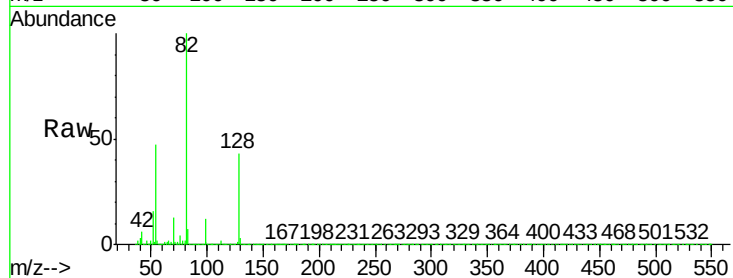




#23  
Nitrobenzene-d5  
Concen: 114.344 ng  
RT: 8.73 min Scan# 994  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

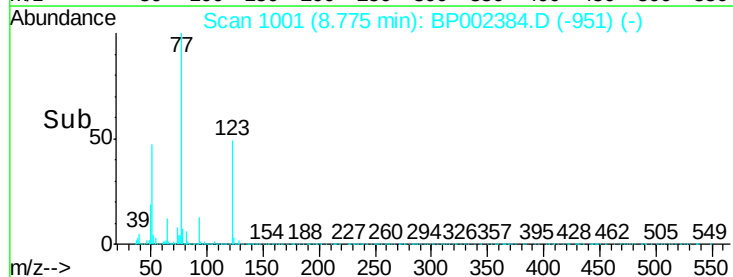
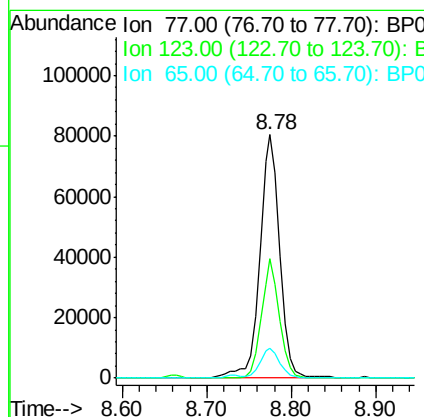
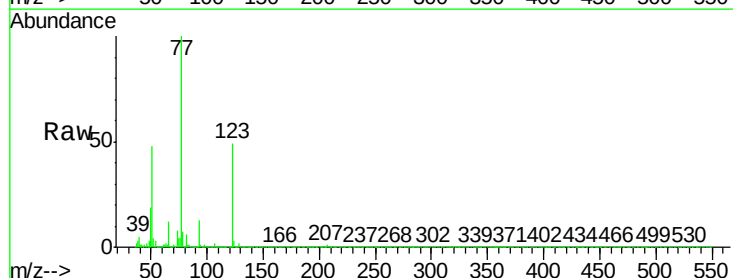
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

Tot Ion: 82 Resp: 1332913  
Ion Ratio Lower Upper  
82 100  
128 42.9 34.5 51.7  
54 47.2 39.4 59.2

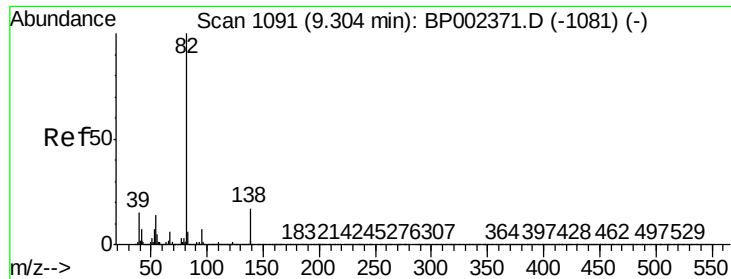


#24  
Nitrobenzene  
Concen: 10.535 ng  
RT: 8.78 min Scan# 1001  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion: 77 Resp: 132014  
Ion Ratio Lower Upper  
77 100  
123 49.0 35.8 53.8  
65 12.3 10.5 15.7







#25

Isophorone

Concen: 10.104 ng

RT: 9.30 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

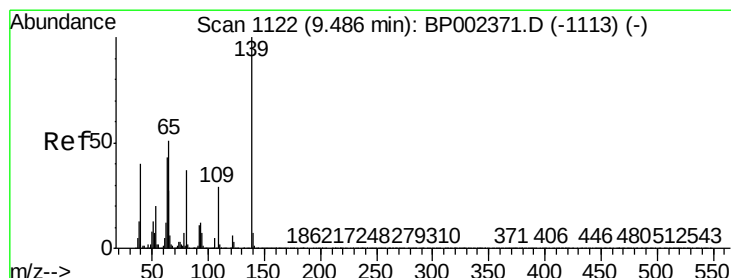
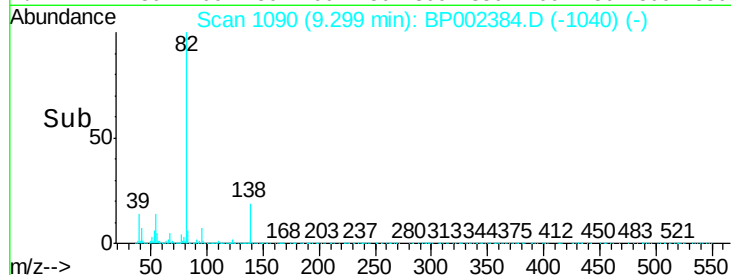
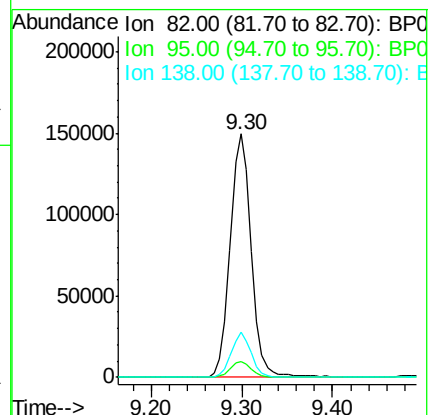
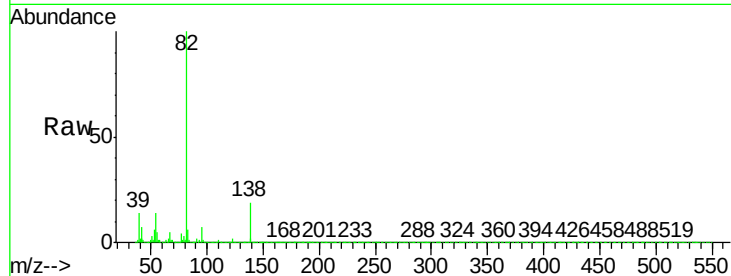
Tot Ion: 82 Resp: 239891

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 18.5 13.4 20.0



#26

2-Nitrophenol

Concen: 9.495 ng

RT: 9.49 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

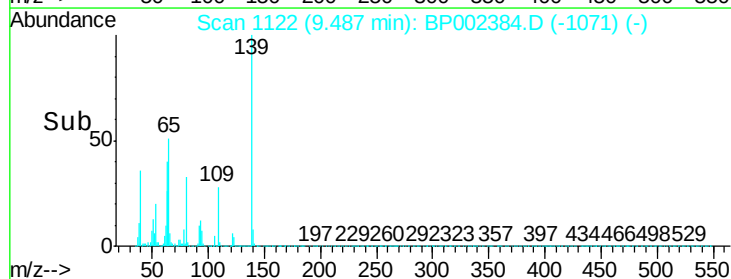
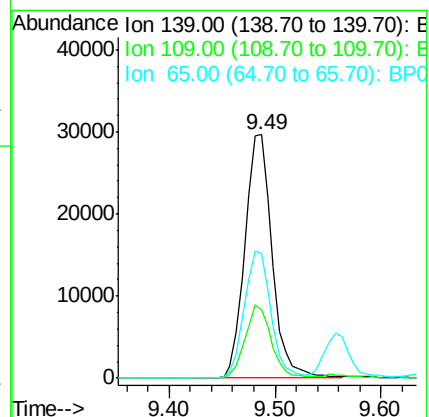
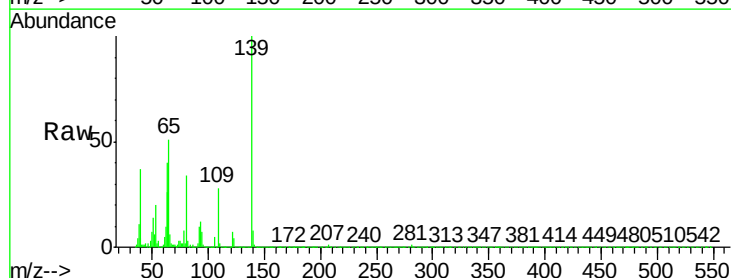
Tgt Ion: 139 Resp: 53015

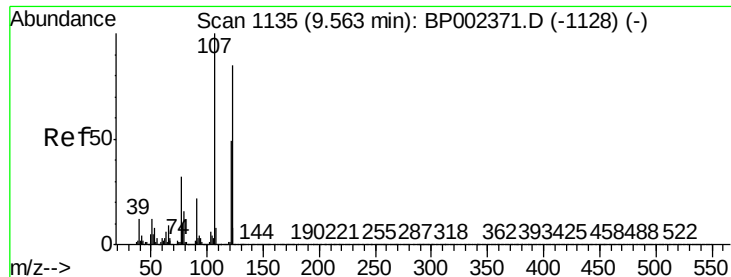
Ion Ratio Lower Upper

139 100

109 27.9 23.4 35.2

65 51.1 41.1 61.7

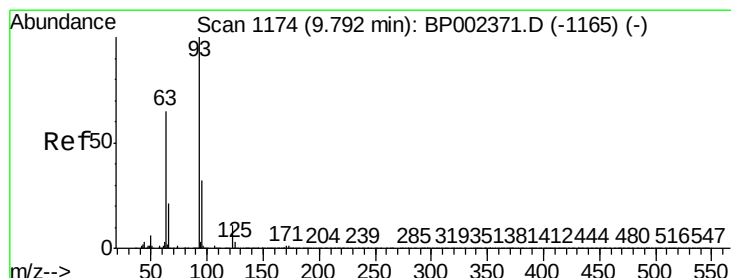
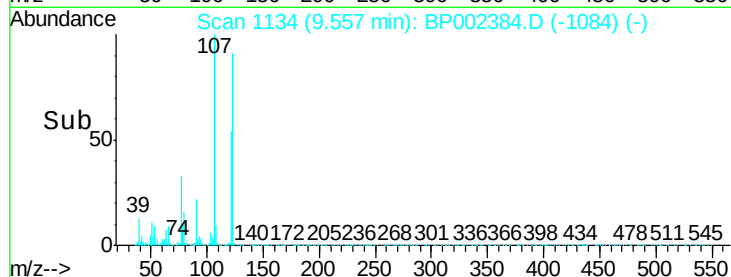
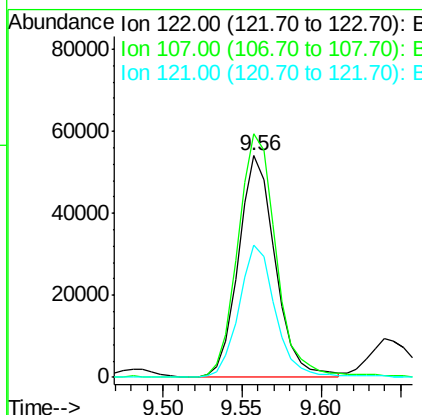
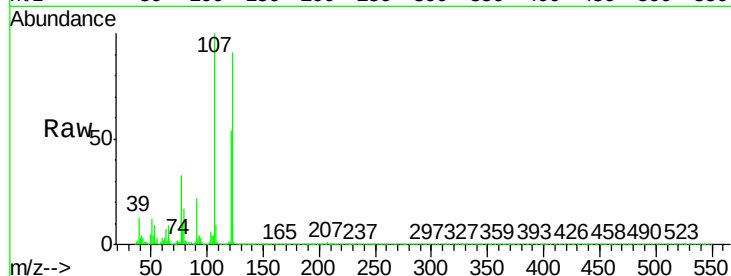




#27  
2,4-Dimethylphenol  
Concen: 9.935 ng  
RT: 9.56 min Scan# 1134  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

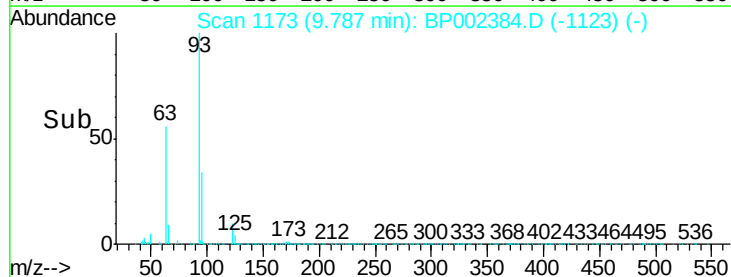
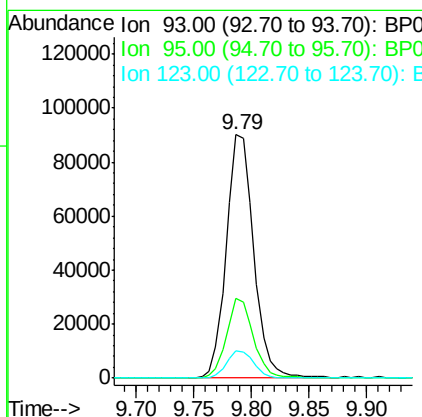
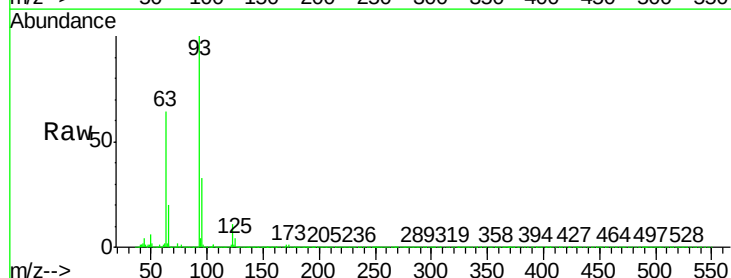
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

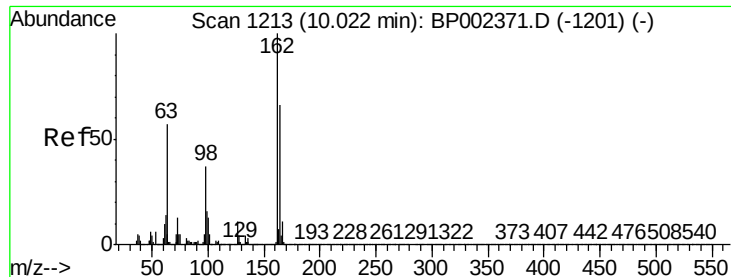
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.0 | 94.0  | 141.0 |
| 121     | 59.5  | 46.4  | 69.6  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 10.548 ng  
RT: 9.79 min Scan# 1173  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 25.8  | 38.8  |
| 123     | 11.0  | 8.7   | 13.1  |

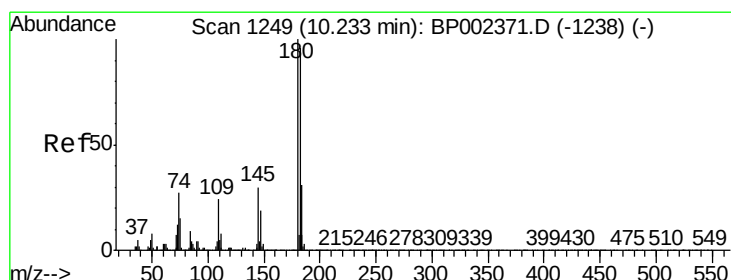
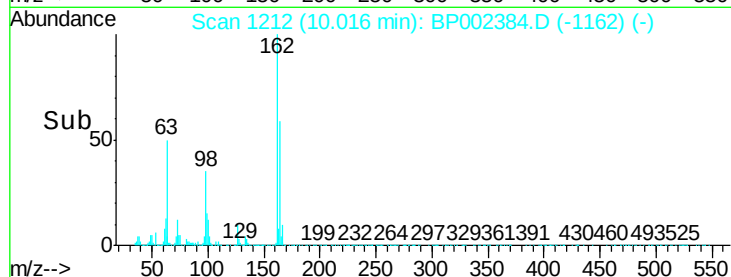
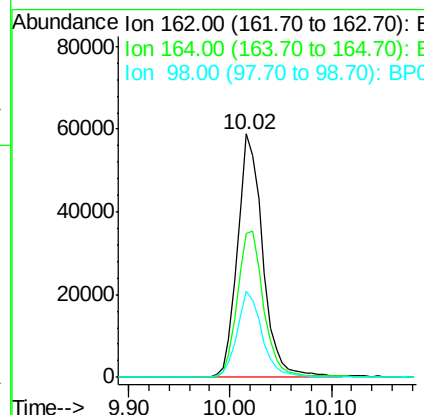
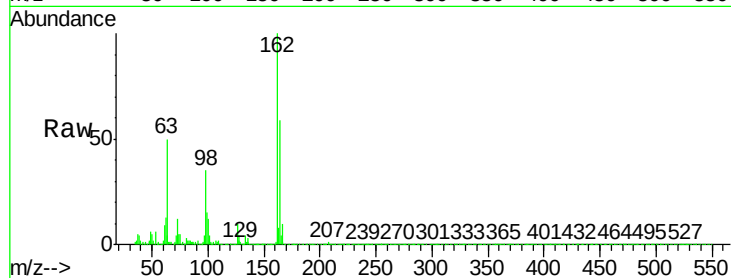




#29  
2,4-Dichlorophenol  
Concen: 10.351 ng  
RT: 10.02 min Scan# 1212  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

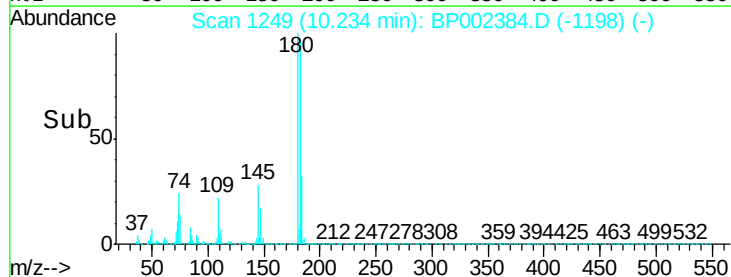
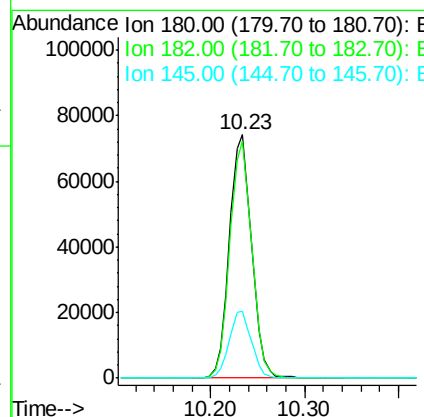
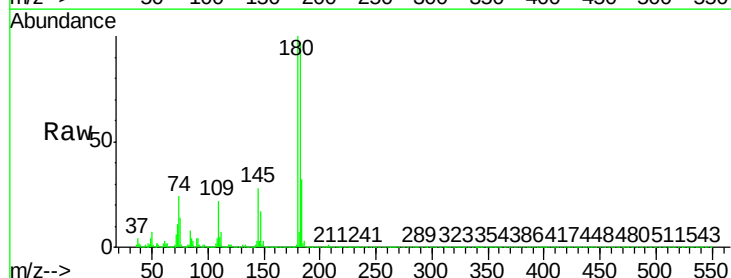
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

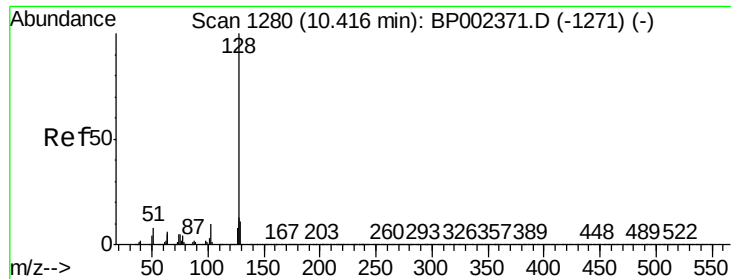
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 58.9  | 45.5  | 85.5  |
| 98      | 35.2  | 16.6  | 56.6  |



#30  
1,2,4-Trichlorobenzene  
Concen: 11.105 ng  
RT: 10.23 min Scan# 1249  
Delta R.T. 0.00 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.4  | 77.1  | 115.7 |
| 145     | 27.6  | 23.8  | 35.6  |

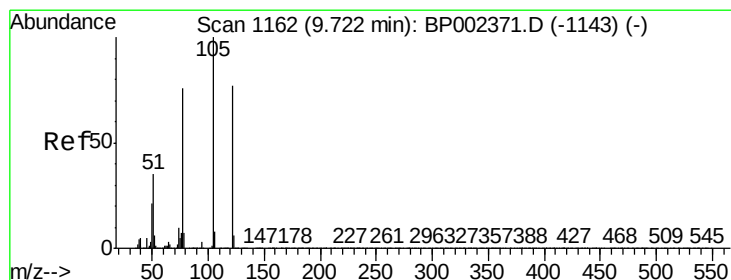
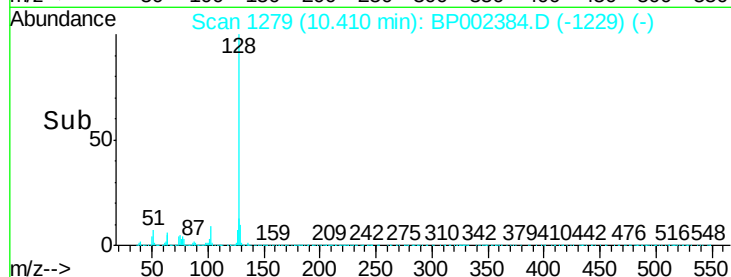
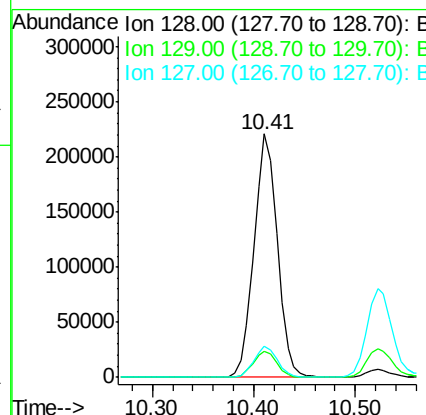
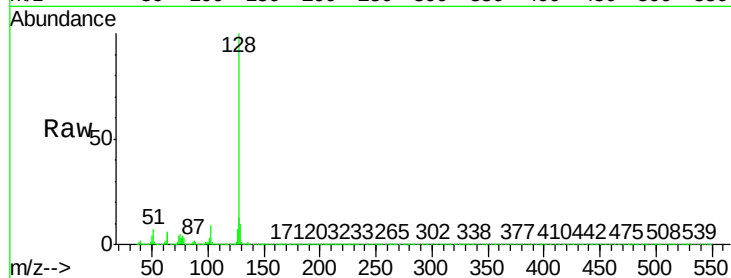




#31  
Naphthalene  
Concen: 10.973 ng  
RT: 10.41 min Scan# 1279  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

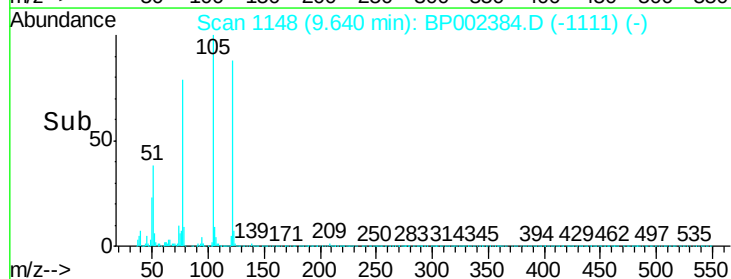
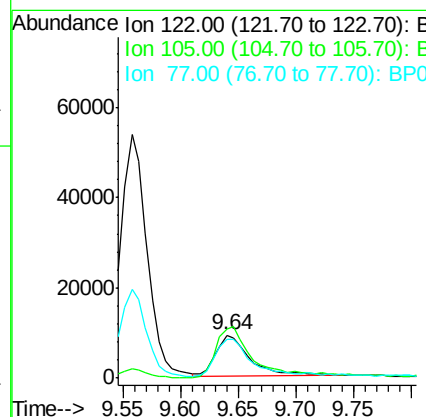
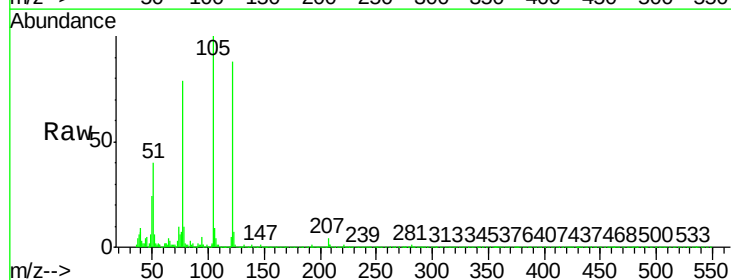
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

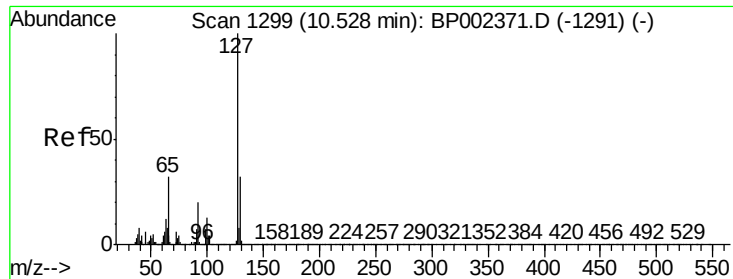
| Tot Ion: | 128   | Resp: | 354891 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 129      | 10.5  | 8.7   | 13.1   |
| 127      | 12.8  | 10.3  | 15.5   |



#32  
Benzoic acid  
Concen: 2.810 ng  
RT: 9.64 min Scan# 1148  
Delta R.T. -0.08 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

| Tgt Ion: | 122   | Resp: | 18724 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 105      | 114.2 | 106.3 | 146.3 |
| 77       | 90.4  | 77.5  | 117.5 |

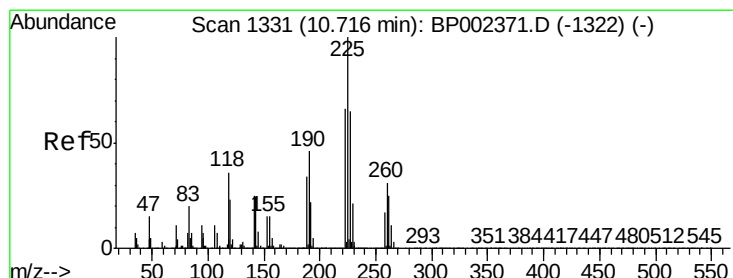
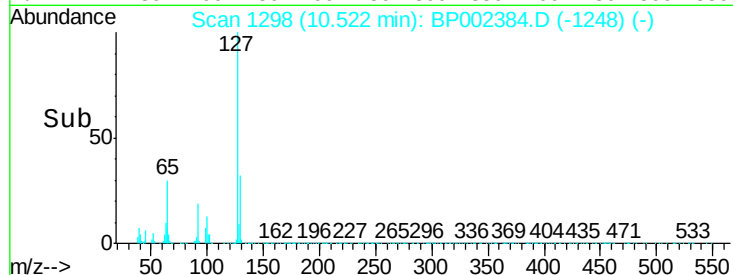
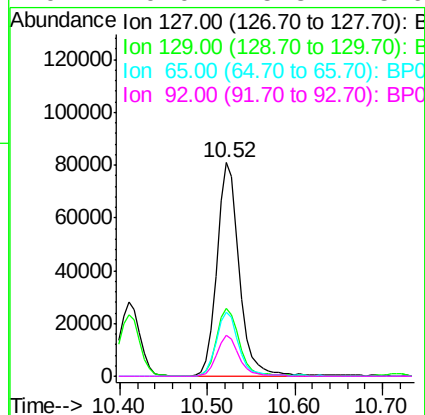
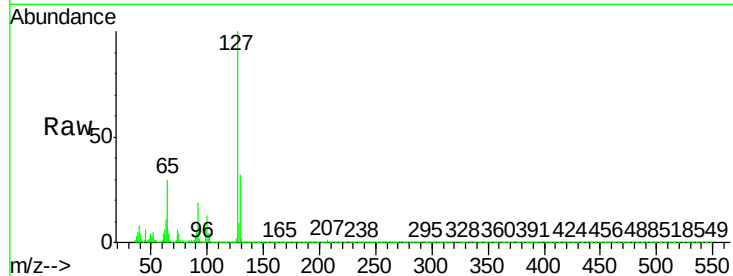




#33  
4-Chloroaniline  
Concen: 10.114 ng  
RT: 10.52 min Scan# 1298  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

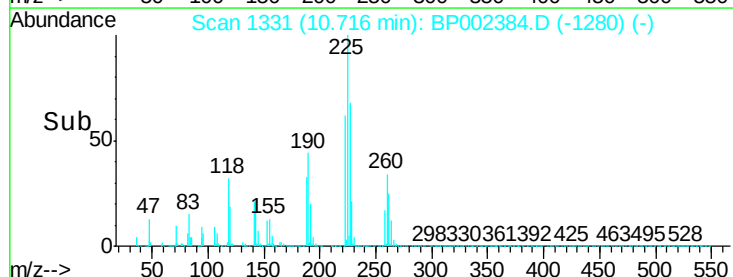
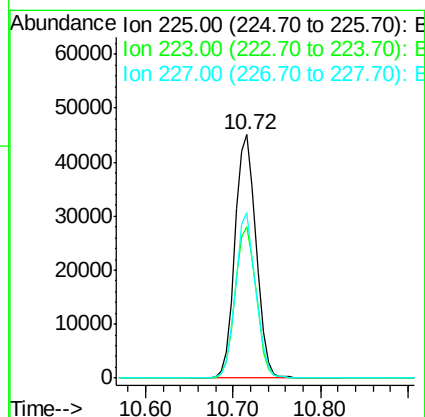
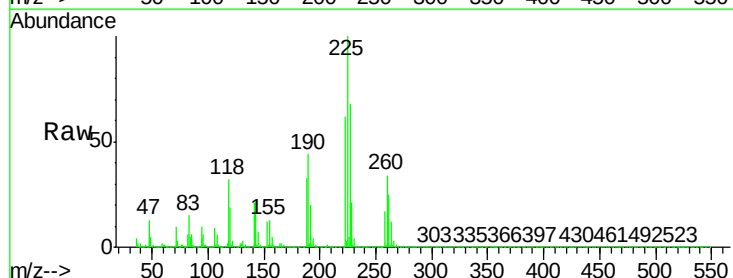
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

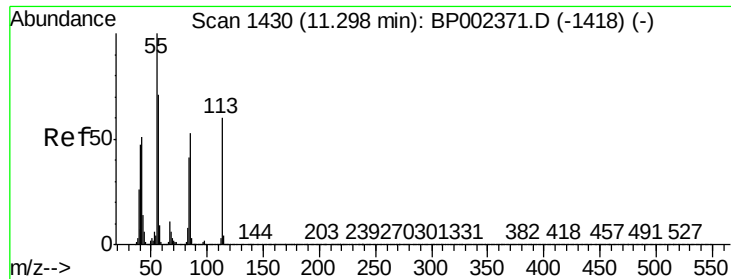
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 142797 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.7  | 25.4  | 38.2   |
| 65       | 29.9  | 25.3  | 37.9   |
| 92       | 19.0  | 15.8  | 23.6   |



#34  
Hexachlorobutadiene  
Concen: 11.449 ng  
RT: 10.72 min Scan# 1331  
Delta R.T. 0.00 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 73438 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.3  | 52.6  | 78.8  |
| 227      | 67.8  | 52.2  | 78.2  |

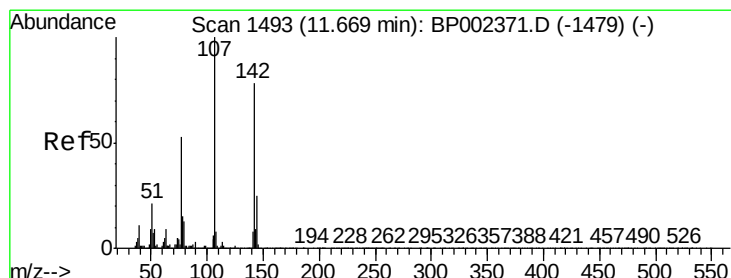
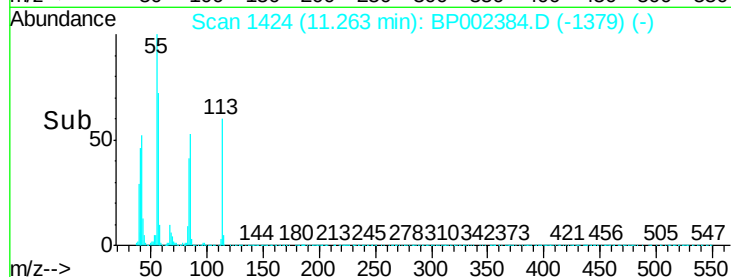
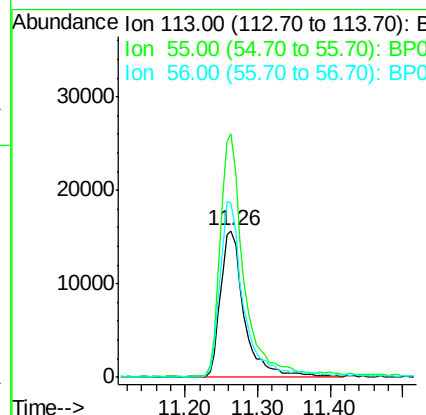
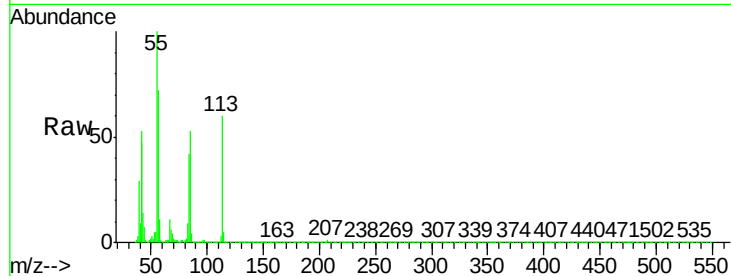




#35  
Caprolactam  
Concen: 10.361 ng  
RT: 11.26 min Scan# 1424  
Delta R.T. -0.03 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

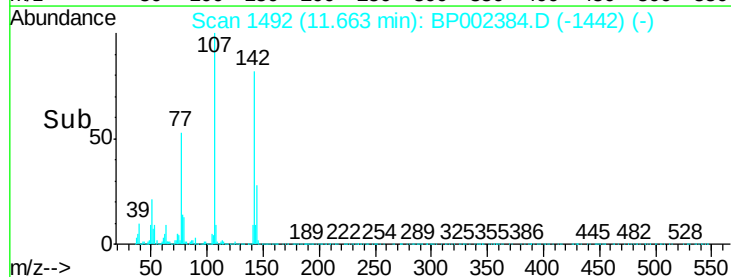
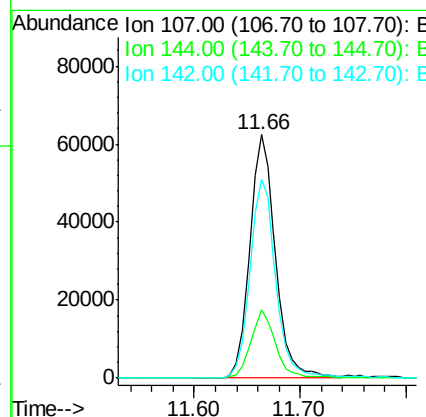
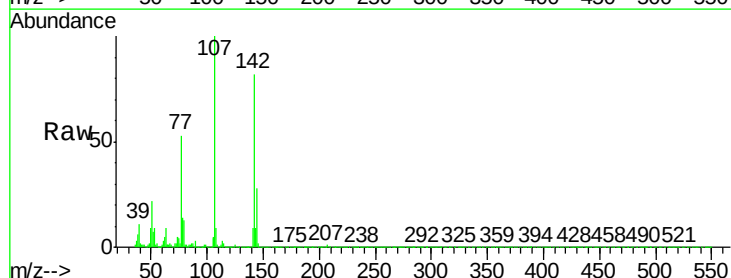
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

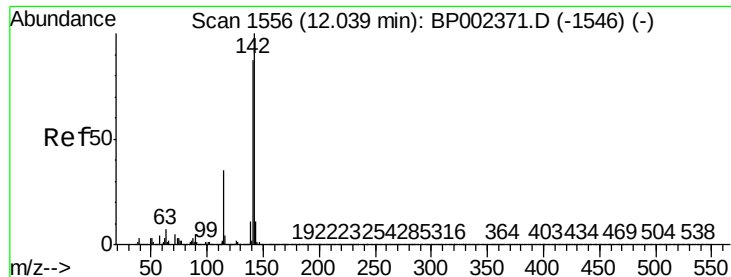
Tot Ion:113 Resp: 36033  
Ion Ratio Lower Upper  
113 100  
55 166.1 147.9 187.9  
56 119.1 99.9 139.9



#36  
4-Chloro-3-methylphenol  
Concen: 9.877 ng  
RT: 11.66 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion:107 Resp: 105376  
Ion Ratio Lower Upper  
107 100  
144 27.8 20.4 30.6  
142 81.7 62.2 93.4

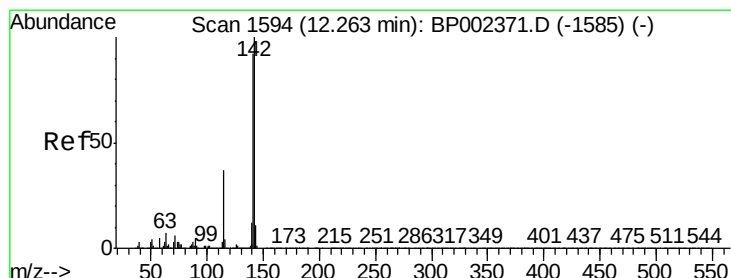
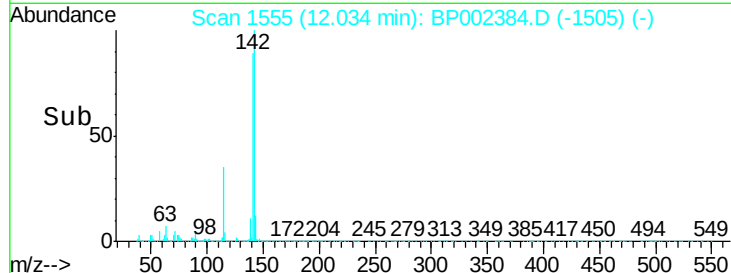
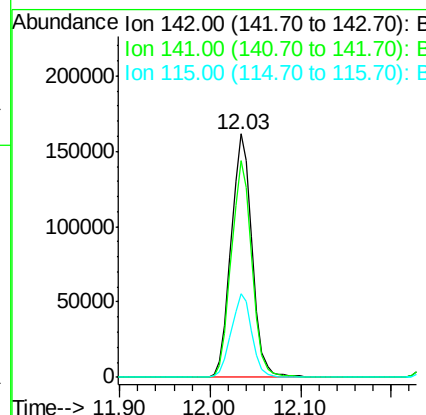
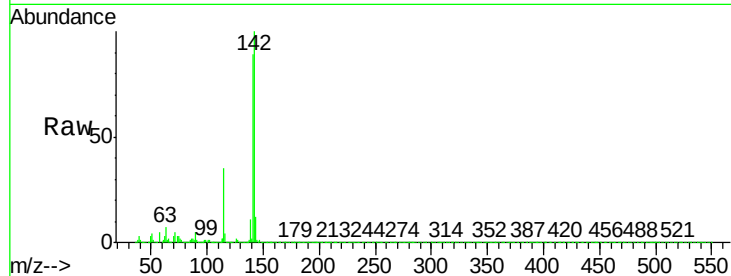




#37  
2-Methylnaphthalene  
Concen: 11.271 ng  
RT: 12.03 min Scan# 1555  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

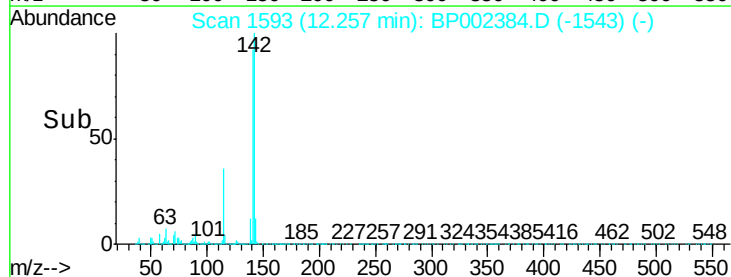
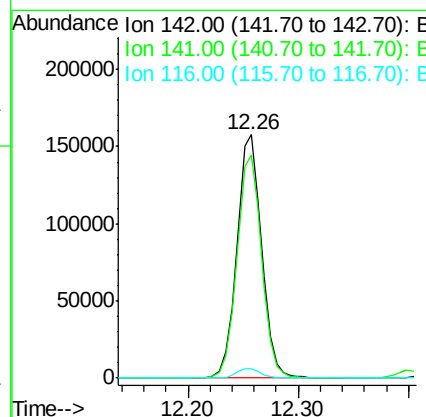
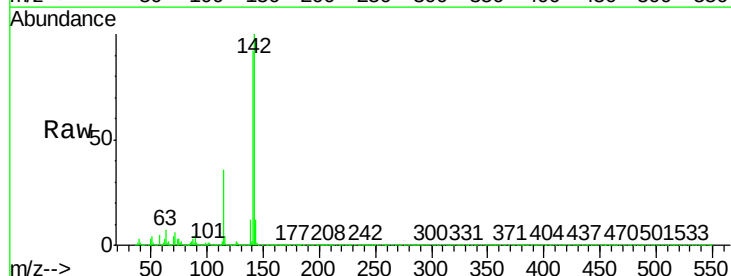
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

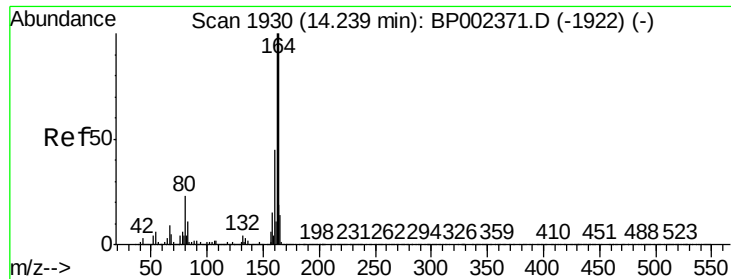
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.2  | 69.7  | 104.5 |
| 115     | 34.6  | 27.8  | 41.8  |



#38  
1-Methylnaphthalene  
Concen: 11.392 ng  
RT: 12.26 min Scan# 1593  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.7  | 73.6  | 110.4 |
| 116     | 4.0   | 3.1   | 4.7   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

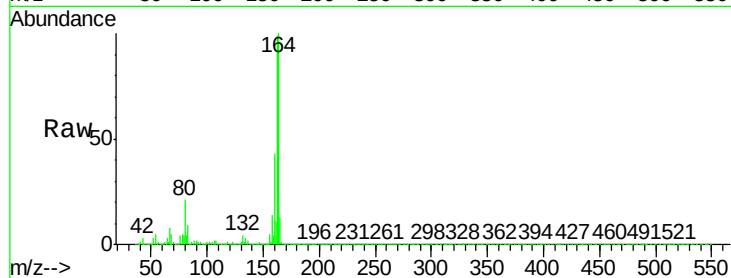
BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:164 Resp: 453660

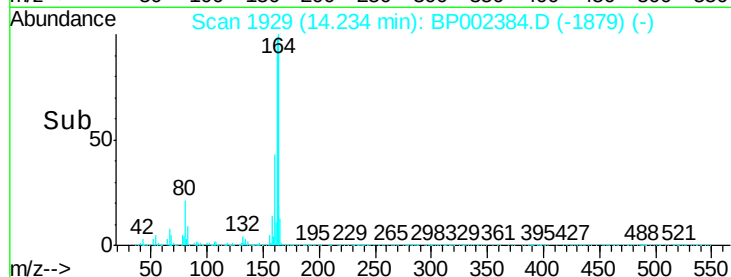
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.0  | 79.8  | 119.8 |
| 160 | 43.4  | 36.2  | 54.2  |



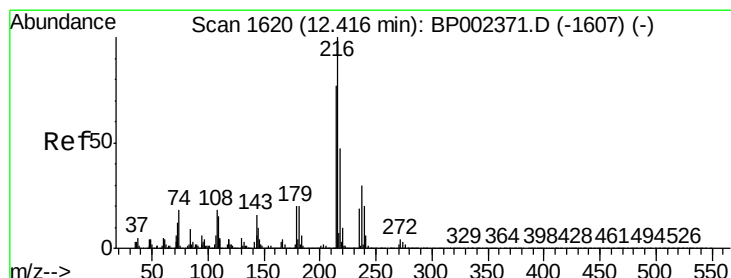
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 12.213 ng

RT: 12.41 min Scan# 1619

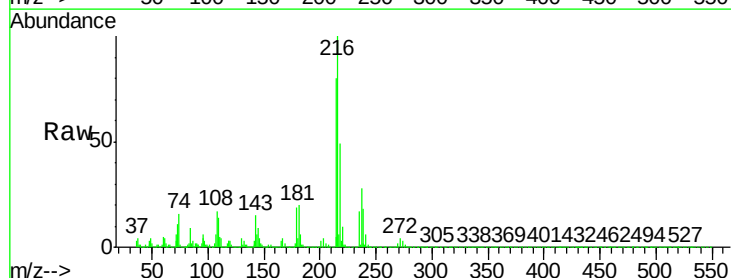
Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Tgt Ion:216 Resp: 146047

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 77.2  | 62.6  | 94.0  |
| 179 | 19.2  | 16.4  | 24.6  |
| 108 | 17.2  | 15.5  | 23.3  |

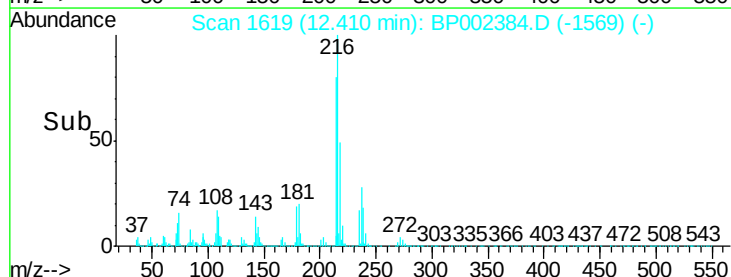


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

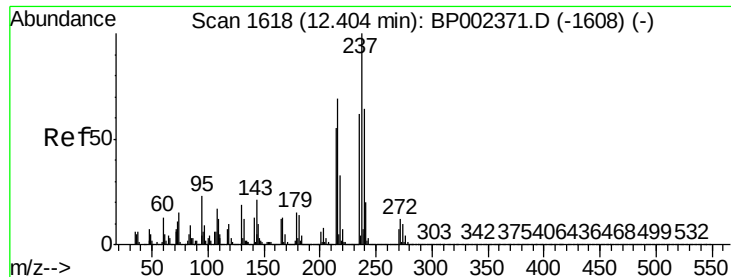
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->

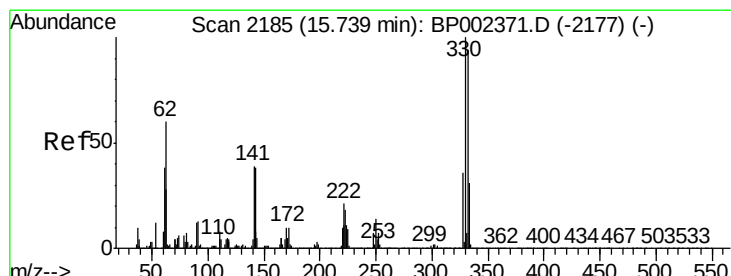
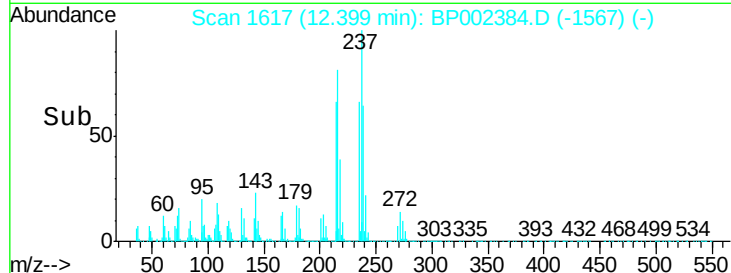
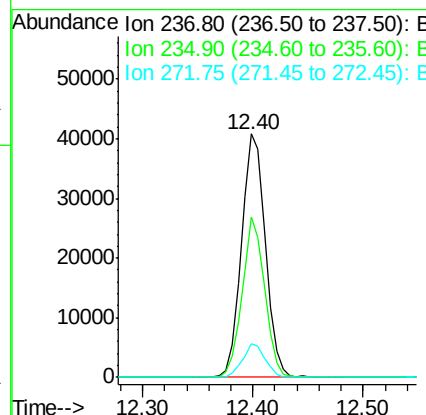
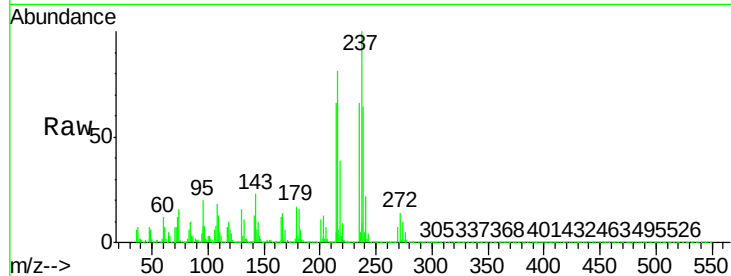




#41  
Hexachlorocyclopentadiene  
Concen: 9.754 ng  
RT: 12.40 min Scan# 1617  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

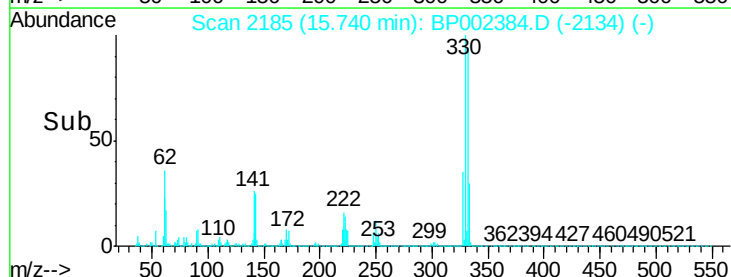
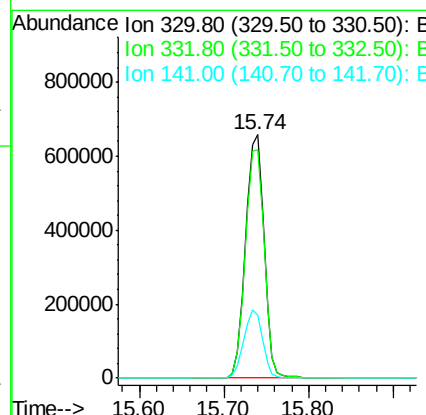
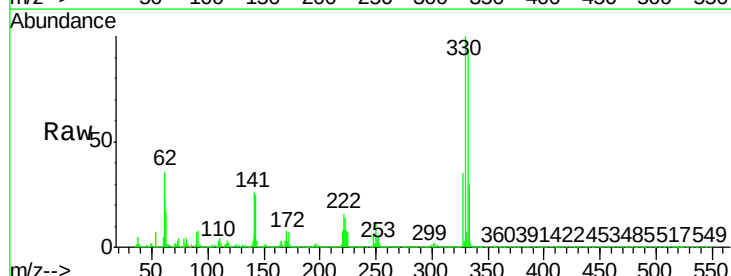
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

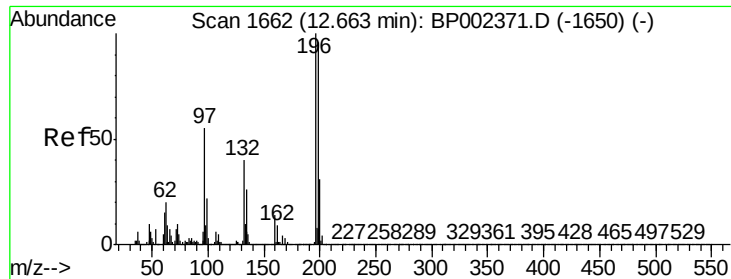
Tot Ion:237 Resp: 62014  
Ion Ratio Lower Upper  
237 100  
235 65.9 42.0 82.0  
272 13.9 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 227.950 ng  
RT: 15.74 min Scan# 2185  
Delta R.T. 0.00 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion:330 Resp: 990092  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.6 115.0  
141 28.4 30.3 45.5#

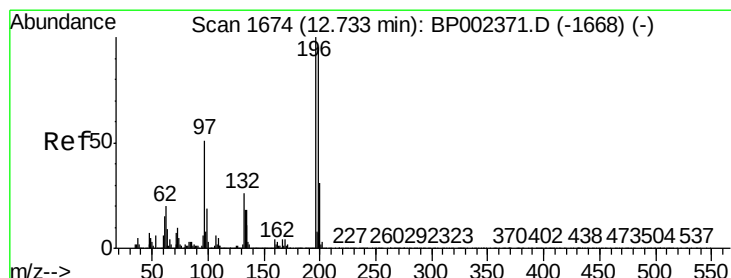
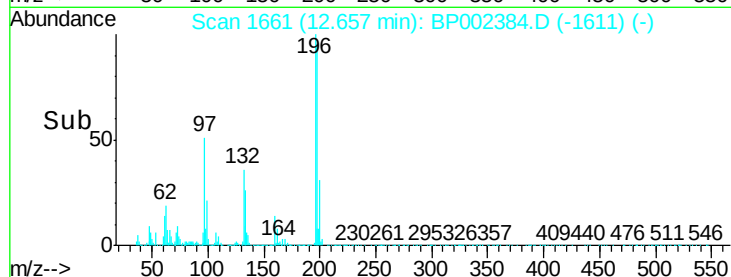
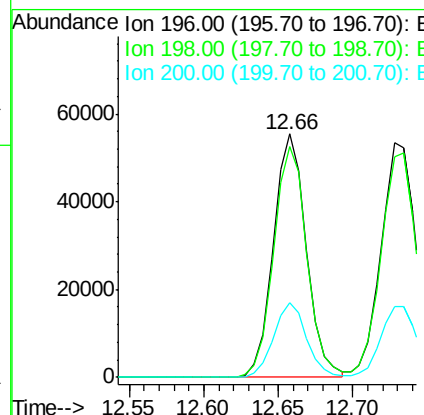
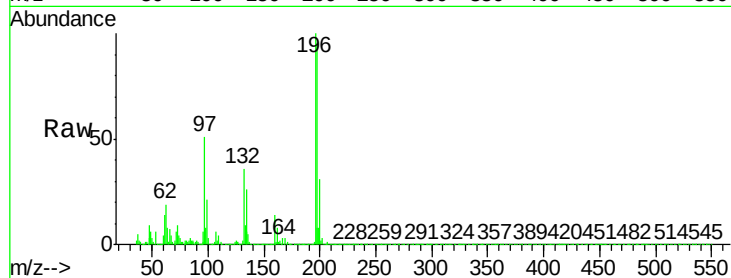




#43  
2,4,6-Trichlorophenol  
Concen: 10.018 ng  
RT: 12.66 min Scan# 1661  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

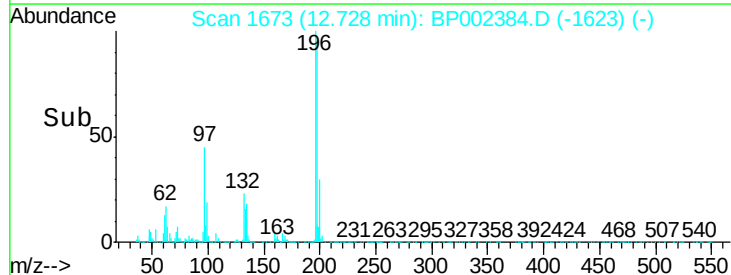
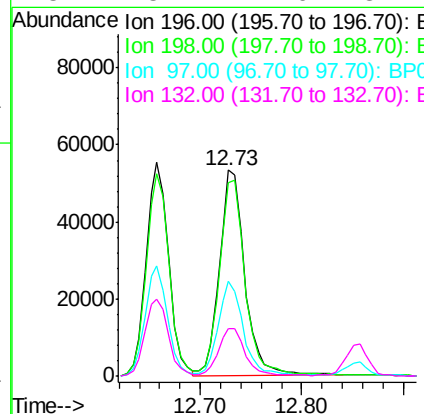
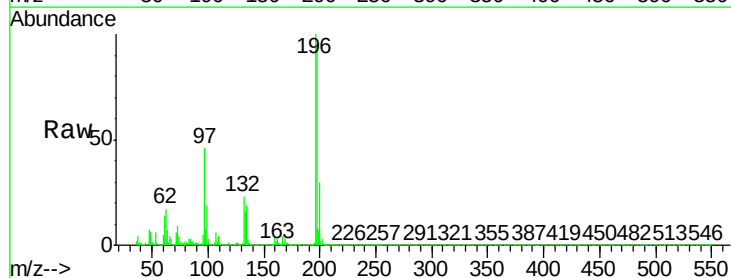
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

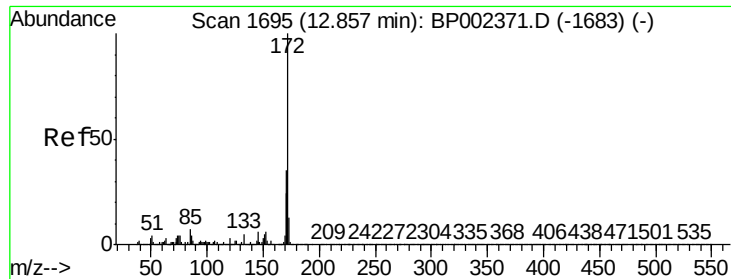
Tot Ion:196 Resp: 84789  
Ion Ratio Lower Upper  
196 100  
198 94.6 76.6 115.0  
200 30.9 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 9.522 ng  
RT: 12.73 min Scan# 1673  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion:196 Resp: 93316  
Ion Ratio Lower Upper  
196 100  
198 94.2 76.2 114.2  
97 45.9 40.6 61.0  
132 23.2 21.0 31.4

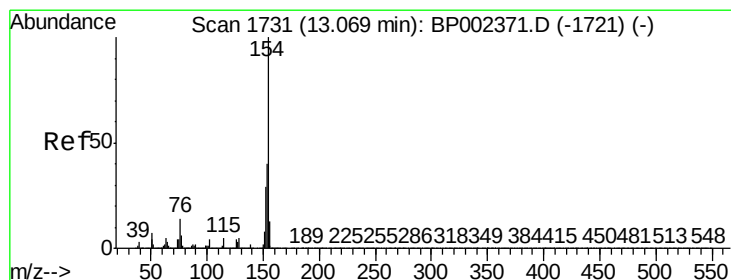
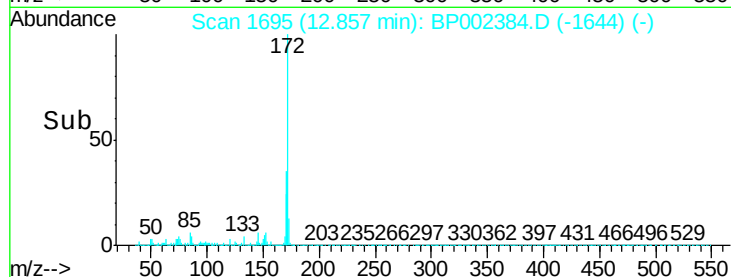
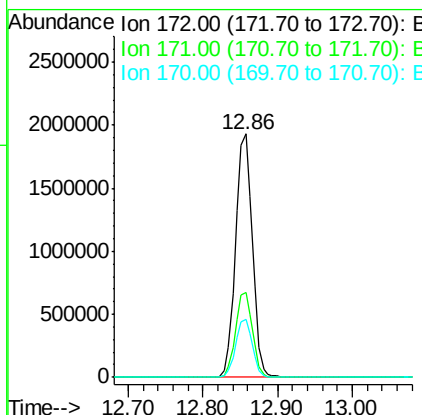
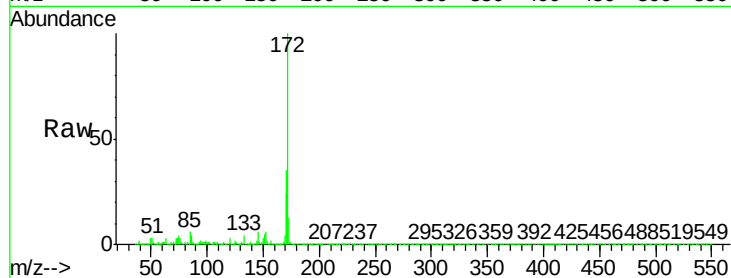




#45  
2-Fluorobiphenyl  
Concen: 112.506 ng  
RT: 12.86 min Scan# 1695  
Delta R.T. 0.00 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

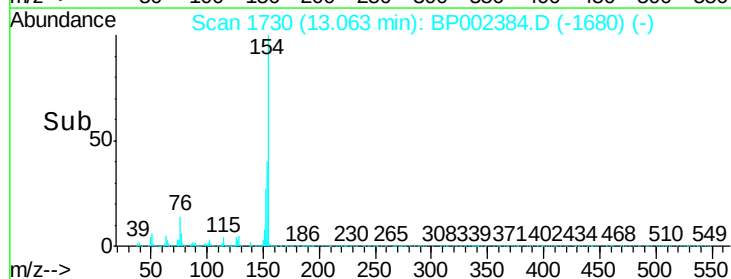
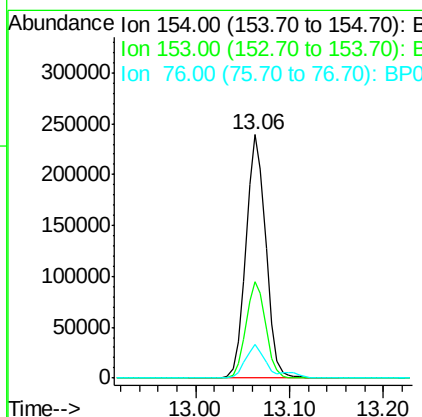
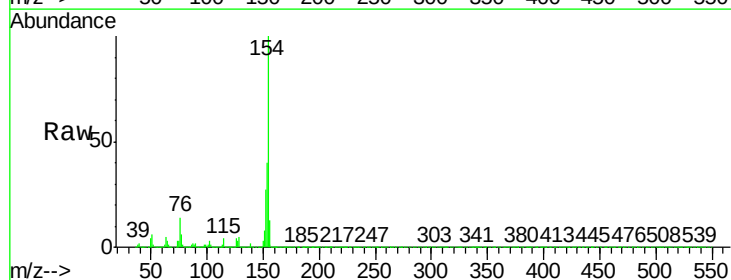
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

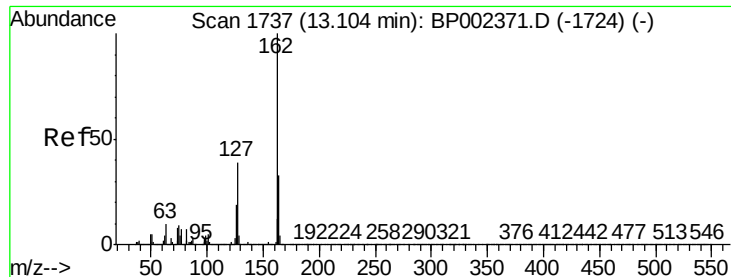
Tot Ion:172 Resp: 3035501  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.8 41.8  
170 23.7 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 11.740 ng  
RT: 13.06 min Scan# 1730  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion:154 Resp: 349046  
Ion Ratio Lower Upper  
154 100  
153 39.5 20.2 60.2  
76 13.6 0.0 34.2

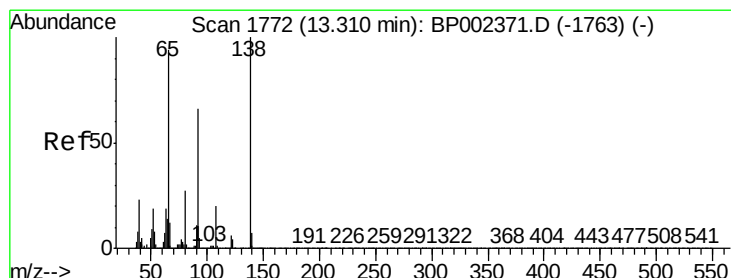
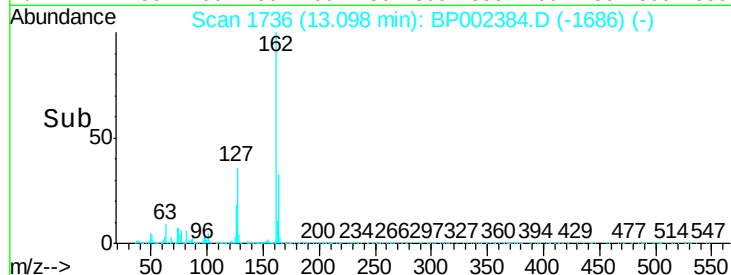
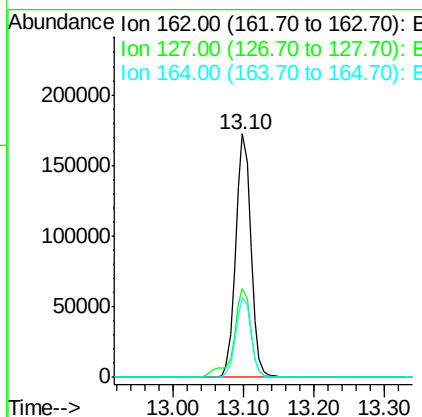
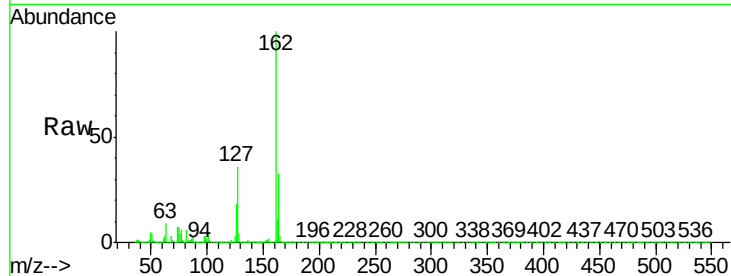




#47  
2-Chloronaphthalene  
Concen: 10.613 ng  
RT: 13.10 min Scan# 1736  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

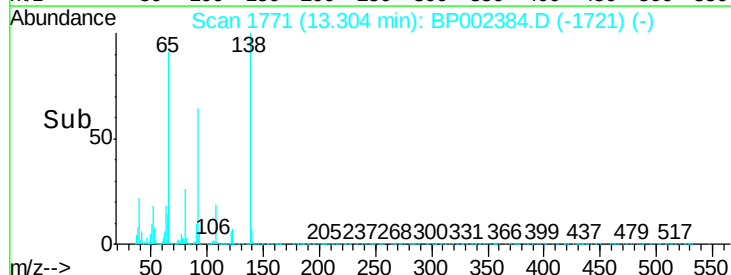
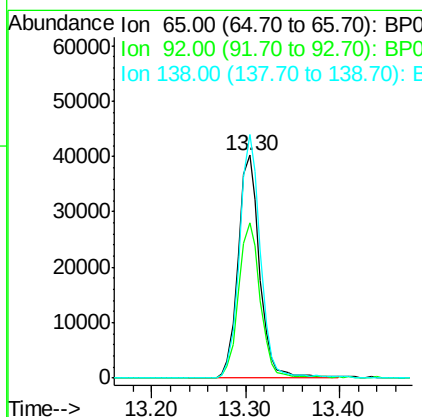
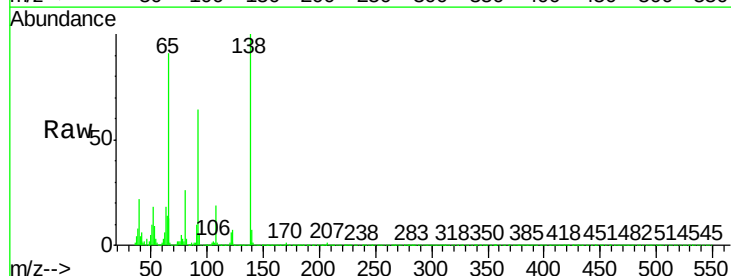
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

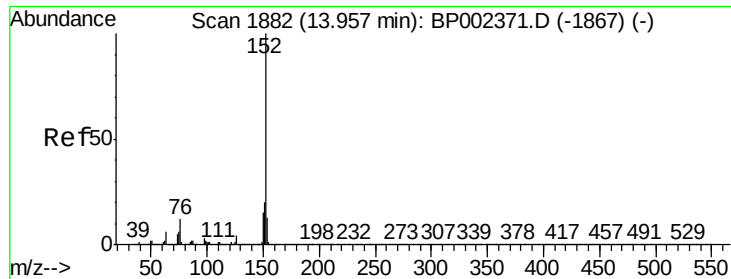
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.3  | 31.0  | 46.4  |
| 164     | 32.9  | 26.6  | 40.0  |



#48  
2-Nitroaniline  
Concen: 8.233 ng  
RT: 13.30 min Scan# 1771  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.1  | 56.3  | 84.5  |
| 138     | 109.4 | 85.0  | 127.6 |





#49

Acenaphthylene

Concen: 10.777 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

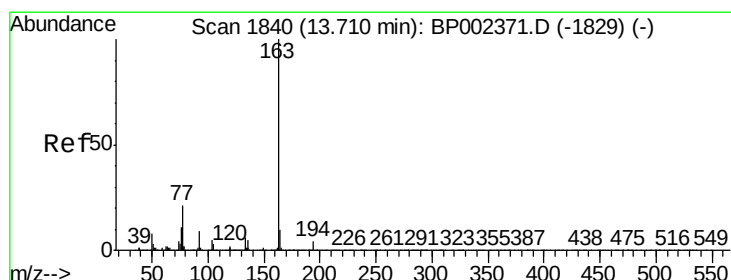
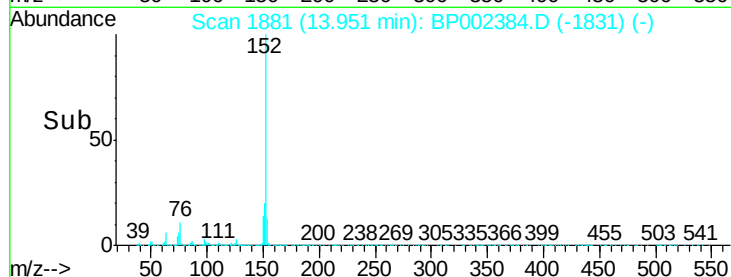
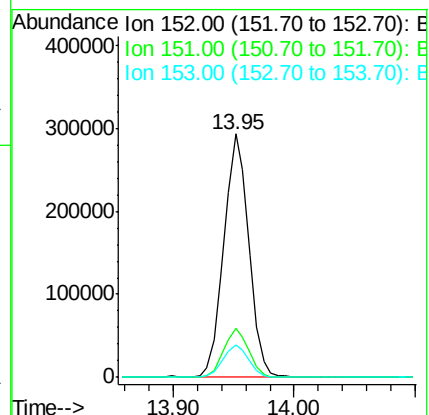
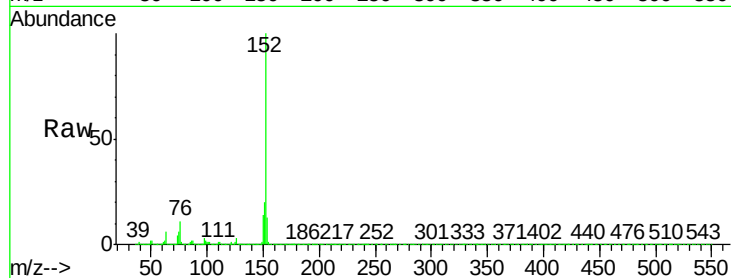
Tot Ion:152 Resp: 418342

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 10.471 ng

RT: 13.70 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

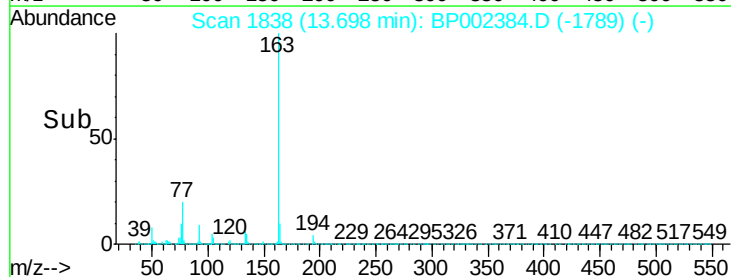
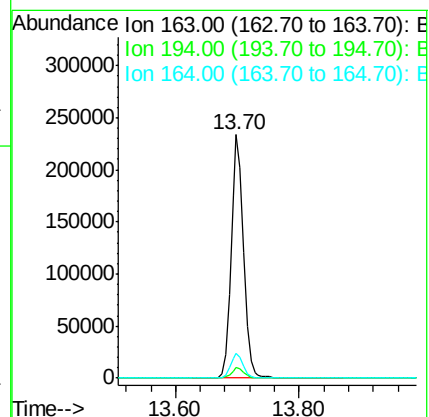
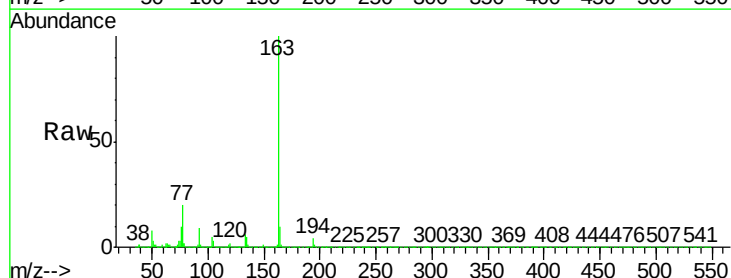
Tgt Ion:163 Resp: 325484

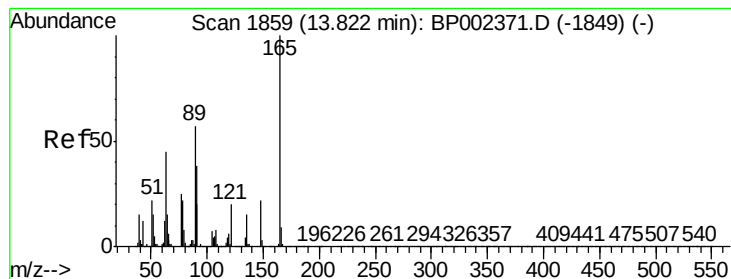
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 9.752 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

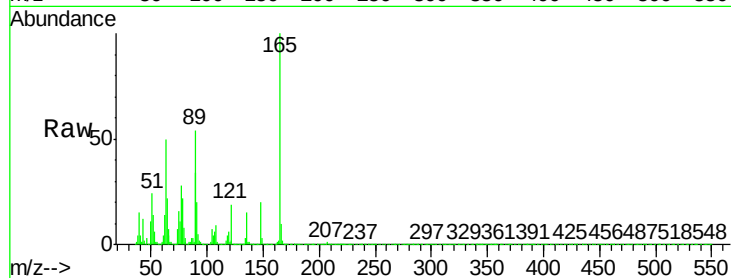
Tot Ion:165 Resp: 65831

Ion Ratio Lower Upper

165 100

63 50.3 43.1 64.7

89 53.9 45.3 67.9

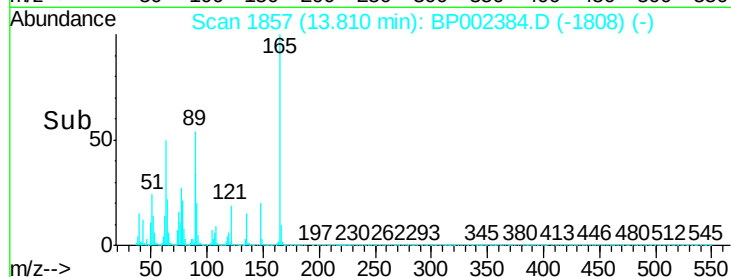


Abundance Ion 165.00 (164.70 to 165.70): E

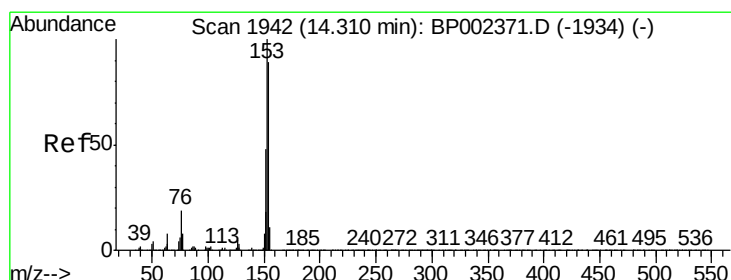
Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Time-->



Time-->



#52

Acenaphthene

Concen: 10.910 ng

RT: 14.30 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

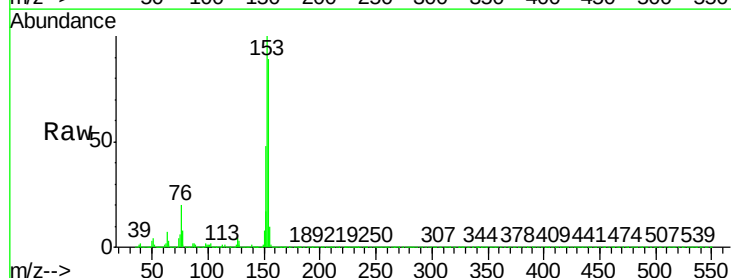
Tgt Ion:154 Resp: 248097

Ion Ratio Lower Upper

154 100

153 112.0 89.5 134.3

152 53.6 43.3 64.9

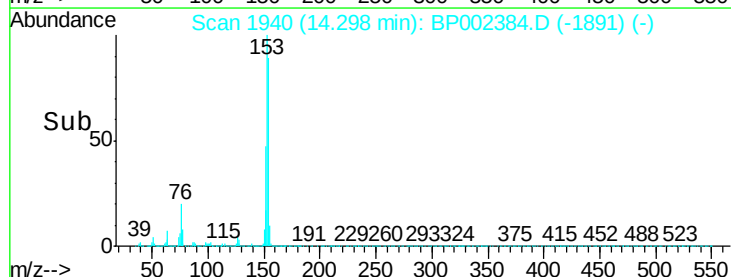


Abundance Ion 154.00 (153.70 to 154.70): E

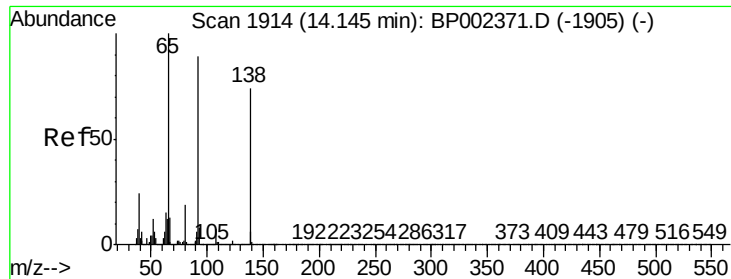
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



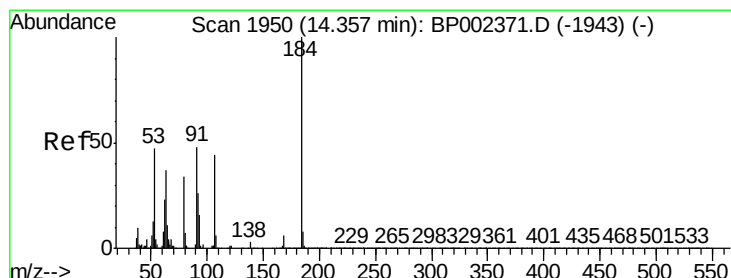
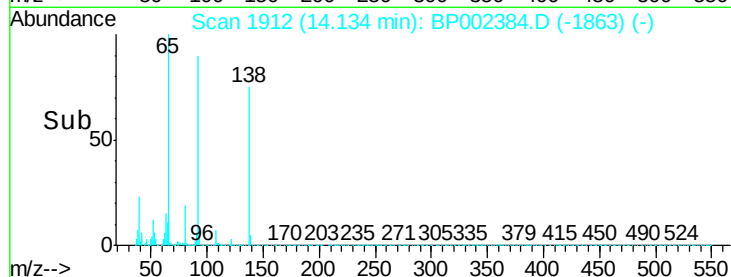
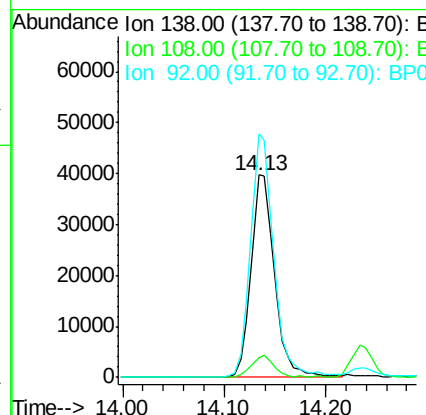
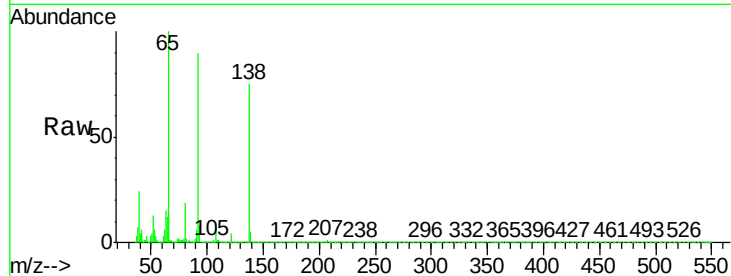
Time-->



#53  
3-Nitroaniline  
Concen: 8.314 ng  
RT: 14.13 min Scan# 1912  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

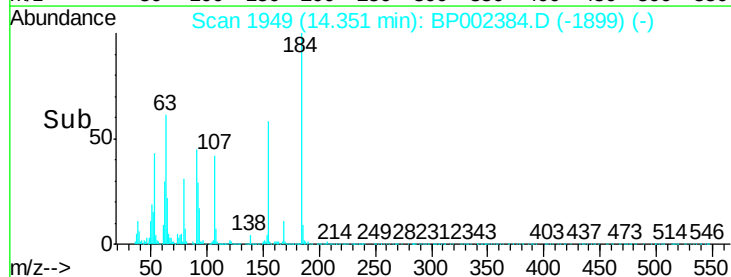
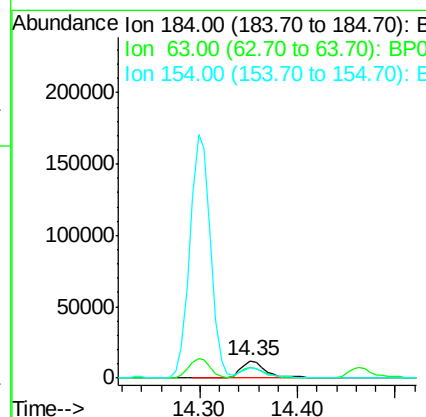
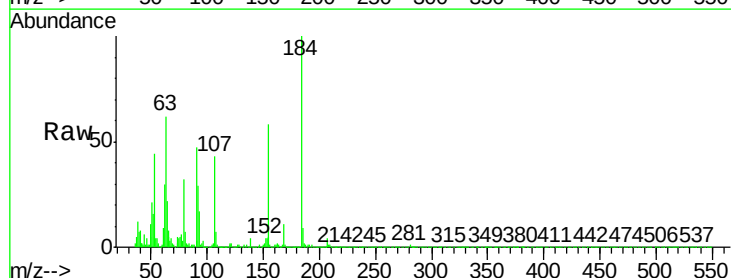
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

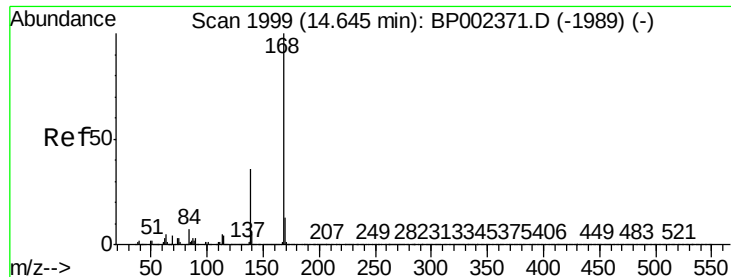
Tot Ion:138 Resp: 64085  
Ion Ratio Lower Upper  
138 100  
108 9.7 8.0 12.0  
92 120.4 96.2 144.2



#54  
2,4-Dinitrophenol  
Concen: 6.055 ng  
RT: 14.35 min Scan# 1949  
Delta R.T. -0.00 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion:184 Resp: 22418  
Ion Ratio Lower Upper  
184 100  
63 61.7 52.3 78.5  
154 58.3 48.6 72.8





#55

Dibenzenofuran

Concen: 11.302 ng

RT: 14.64 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

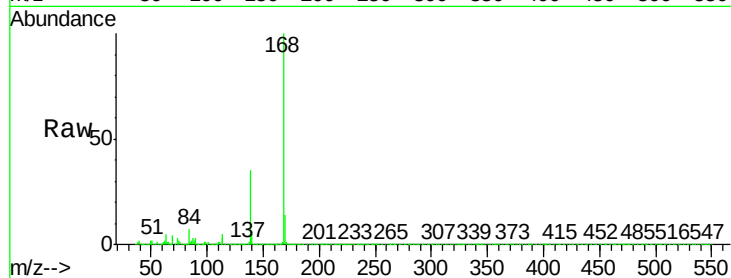
Tot Ion:168 Resp: 413779

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 35.5  | 28.9  | 43.3  |
| 169 | 13.6  | 10.6  | 15.8  |

168 100

139 35.5 28.9 43.3

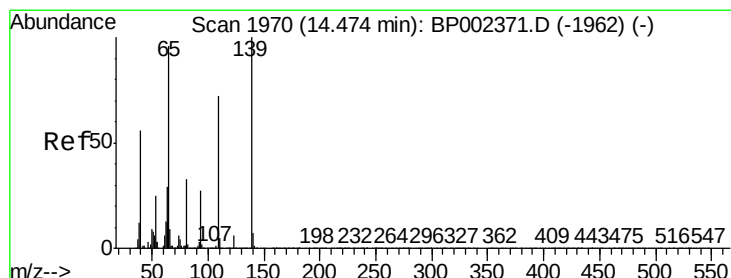
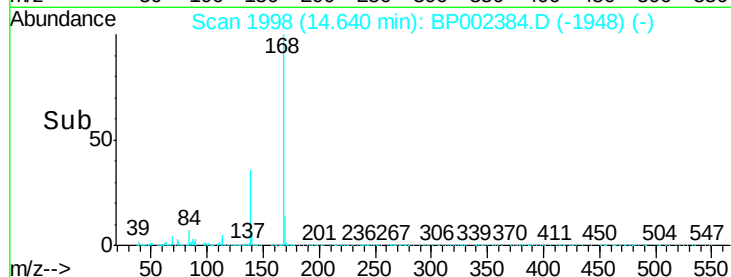
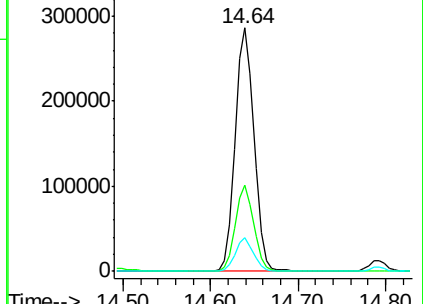
169 13.6 10.6 15.8



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: 7.952 ng

RT: 14.46 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

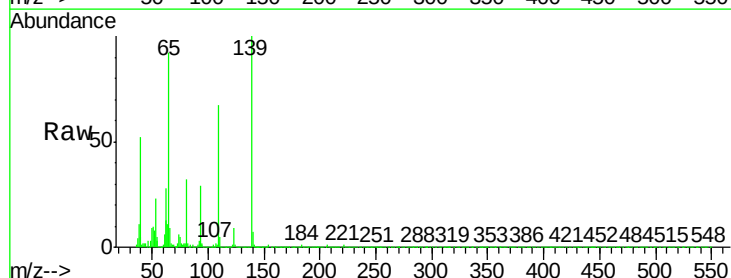
Tgt Ion:139 Resp: 48667

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 67.4  | 52.0  | 92.0  |
| 65  | 92.1  | 76.3  | 116.3 |

139 100

109 67.4 52.0 92.0

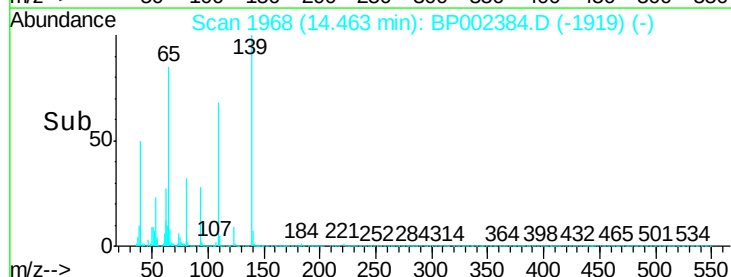
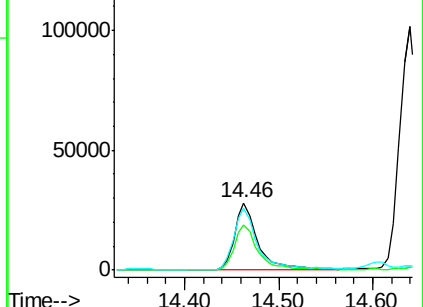
65 92.1 76.3 116.3



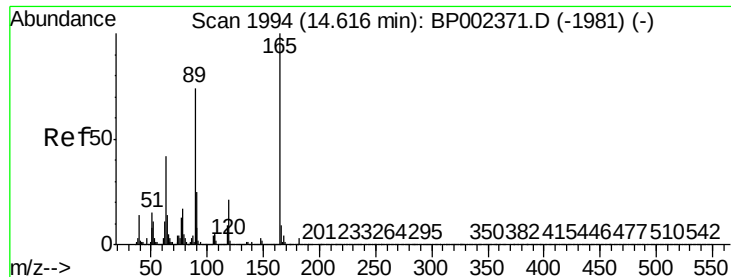
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0



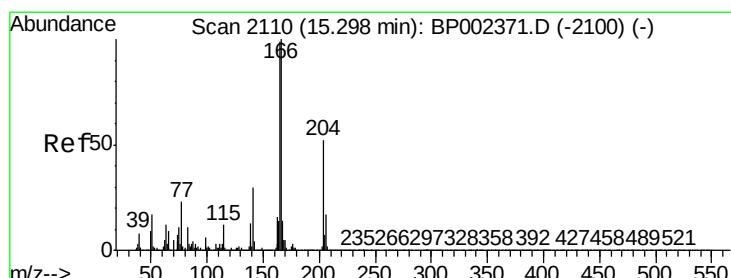
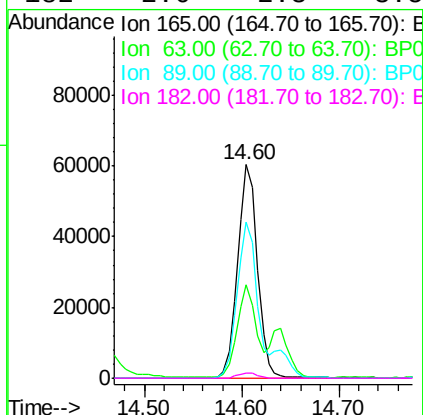
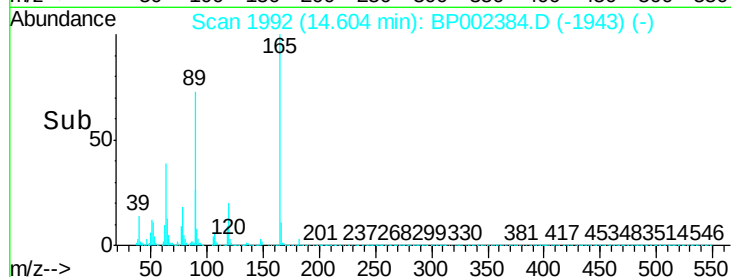
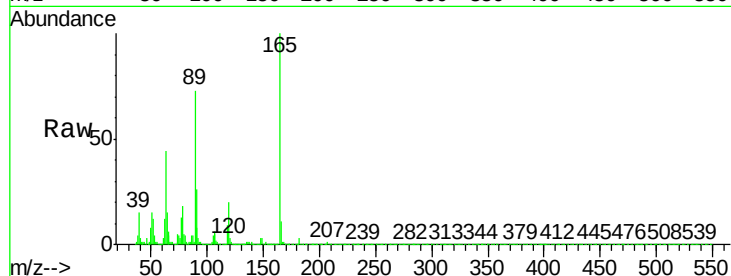




#57  
2,4-Dinitrotoluene  
Concen: 9.286 ng  
RT: 14.60 min Scan# 1992  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

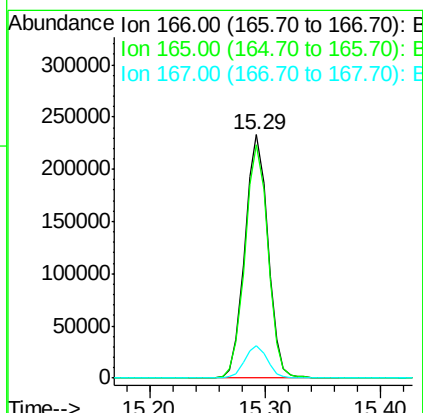
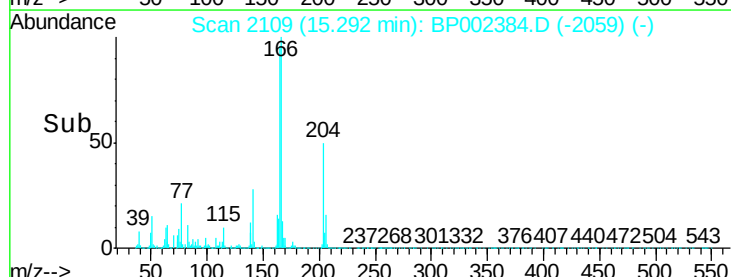
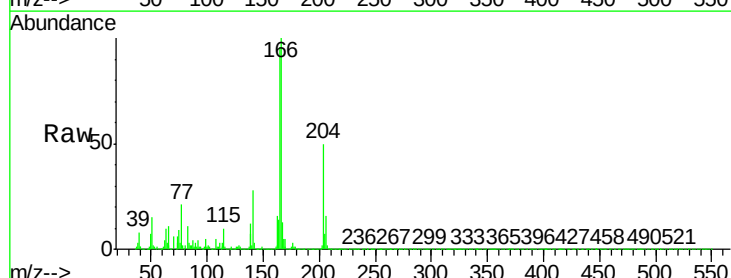
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

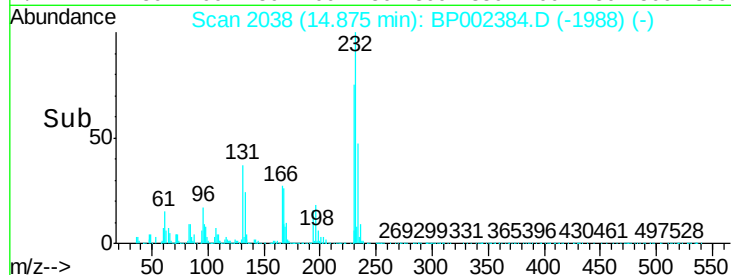
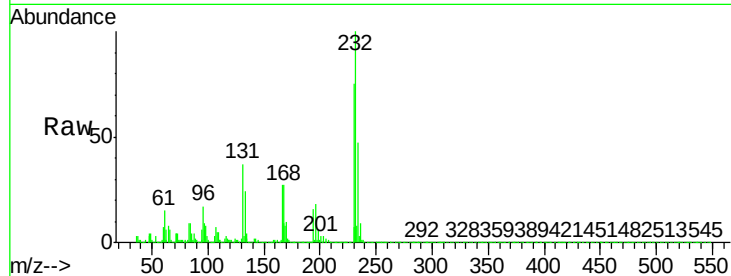
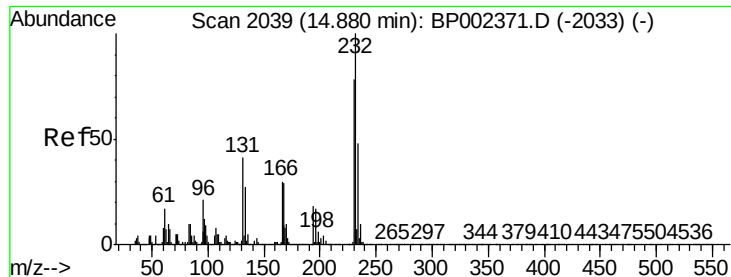
|             |             |
|-------------|-------------|
| Tot Ion:165 | Resp: 85329 |
| Ion Ratio   | Lower Upper |
| 165 100     |             |
| 63 43.8     | 34.2 51.2   |
| 89 72.9     | 59.3 88.9   |
| 182 2.6     | 2.3 3.5     |



#58  
Fluorene  
Concen: 11.266 ng  
RT: 15.29 min Scan# 2109  
Delta R.T. -0.00 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:166 | Resp: | 324416 |
| Ion | Ratio   | Lower | Upper  |
| 166 | 100     |       |        |
| 165 | 96.0    | 79.1  | 118.7  |
| 167 | 13.3    | 11.0  | 16.4   |

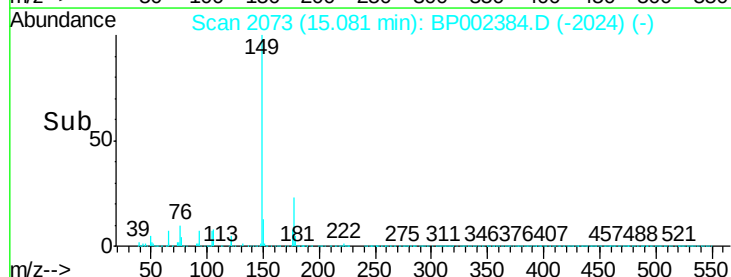
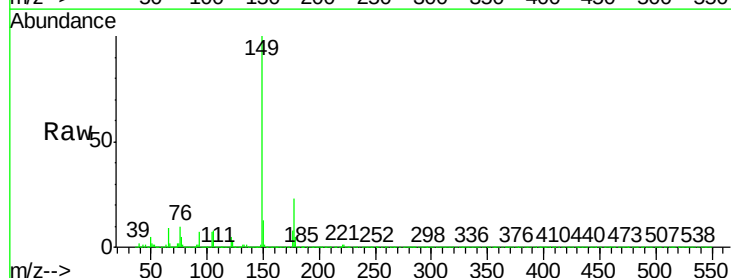
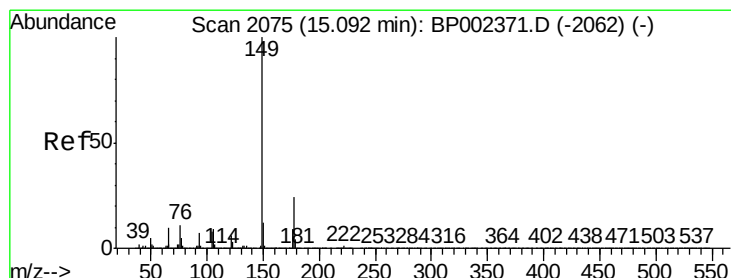
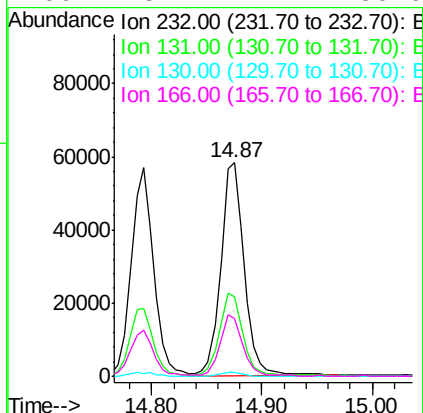




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 11.015 ng  
RT: 14.87 min Scan# 2038  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

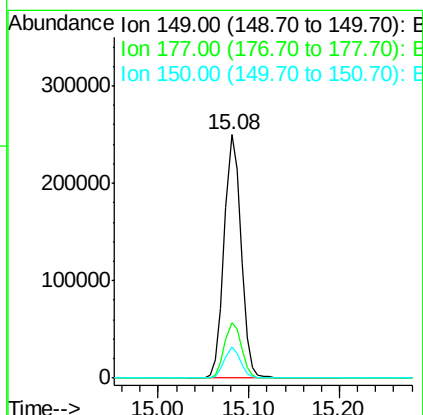
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

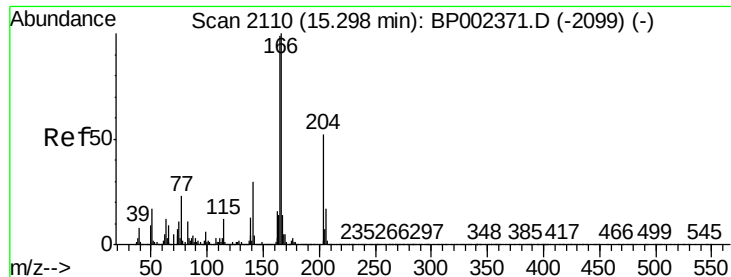
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 39.3  | 35.1  | 52.7  |
| 130     | 2.0   | 1.8   | 2.8   |
| 166     | 28.1  | 24.4  | 36.6  |



#60  
Diethylphthalate  
Concen: 10.363 ng  
RT: 15.08 min Scan# 2073  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.9  | 18.9  | 28.3  |
| 150     | 12.7  | 9.9   | 14.9  |

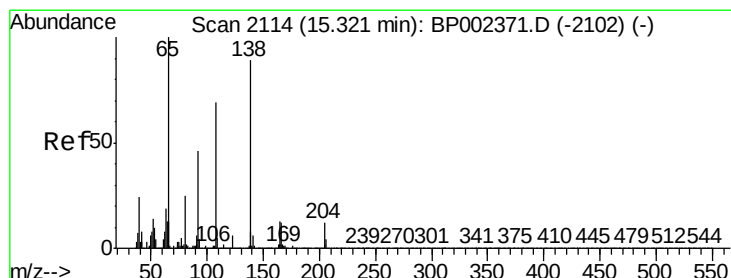
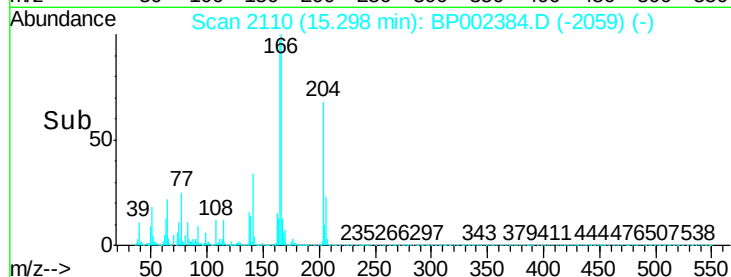
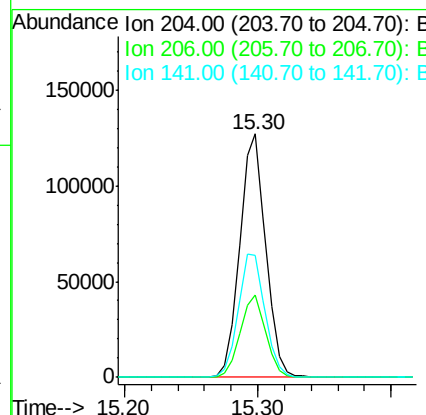
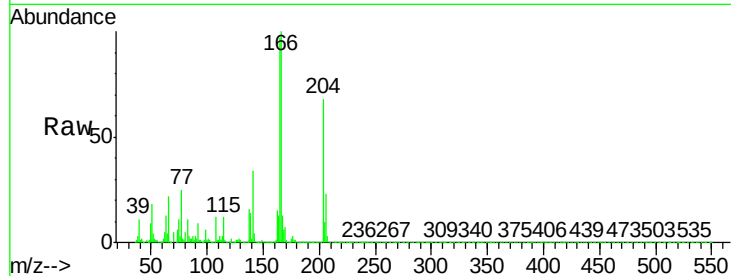




#61  
4-Chlorophenyl-phenylether  
Concen: 12.272 ng  
RT: 15.30 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

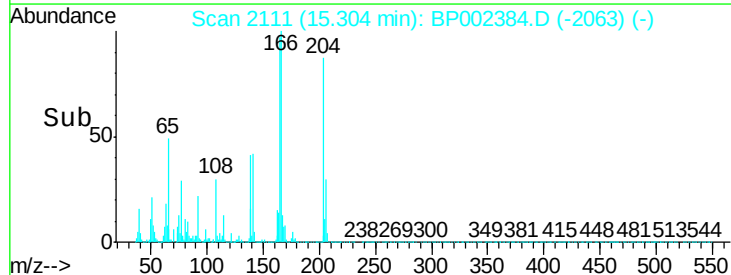
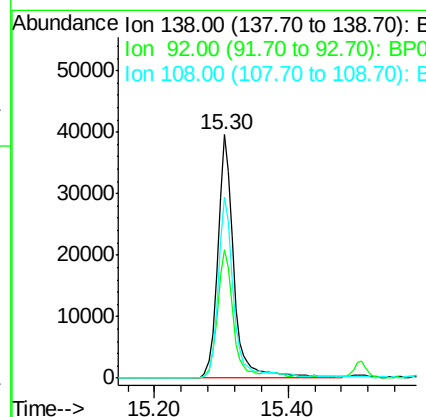
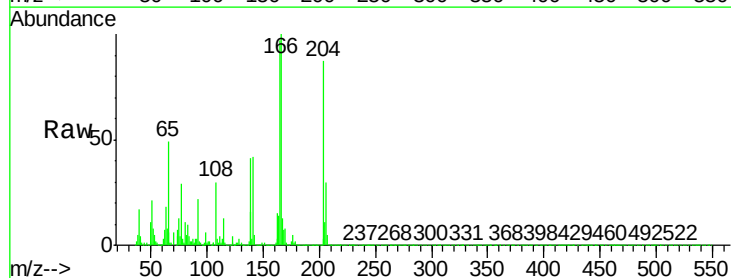
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

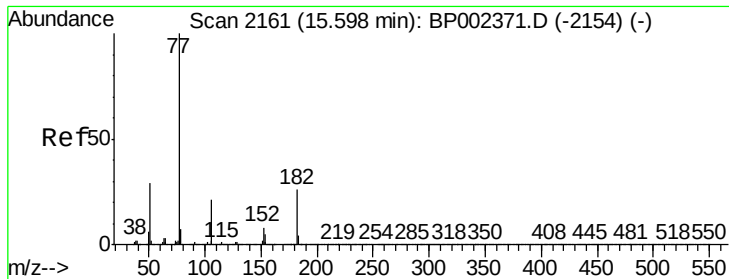
Tot Ion:204 Resp: 171310  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.8 40.2  
141 50.1 46.6 69.8



#62  
4-Nitroaniline  
Concen: 9.136 ng  
RT: 15.30 min Scan# 2111  
Delta R.T. -0.02 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion:138 Resp: 67669  
Ion Ratio Lower Upper  
138 100  
92 52.7 31.7 71.7  
108 74.1 57.5 97.5





#63

Azobenzene

Concen: 10.138 ng

RT: 15.59 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion: 77 Resp: 314312

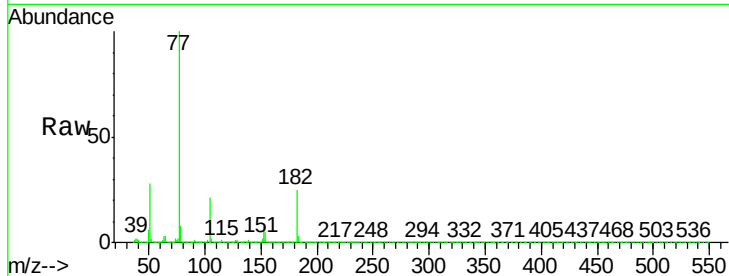
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.1  | 6.0   | 46.0  |
| 105 | 20.7  | 1.3   | 41.3  |
| 51  | 28.0  | 8.7   | 48.7  |

77 100

182 25.1 6.0 46.0

105 20.7 1.3 41.3

51 28.0 8.7 48.7

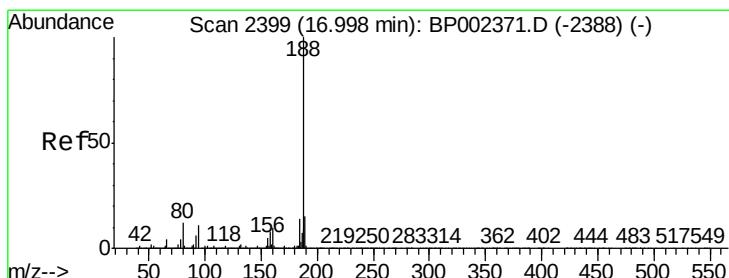
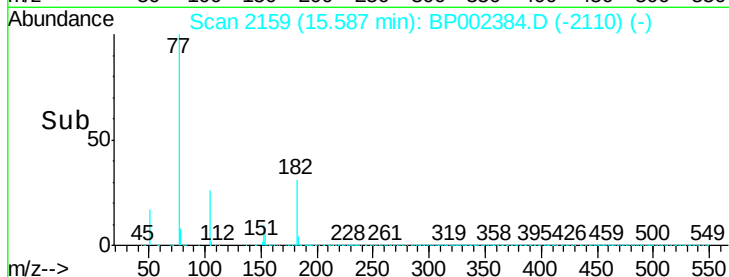
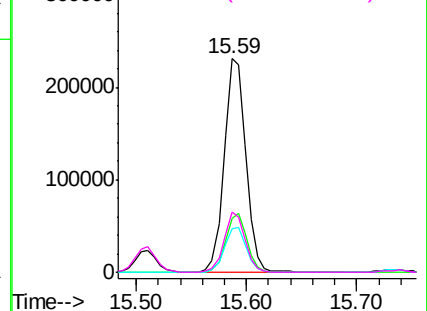


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

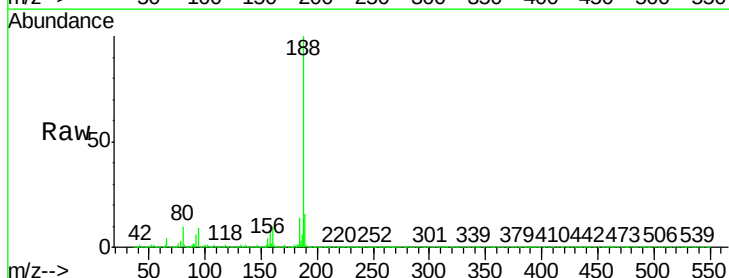
Tgt Ion: 188 Resp: 1005322

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.5   | 8.5   | 12.7  |
| 80  | 10.4  | 9.4   | 14.0  |

188 100

94 9.5 8.5 12.7

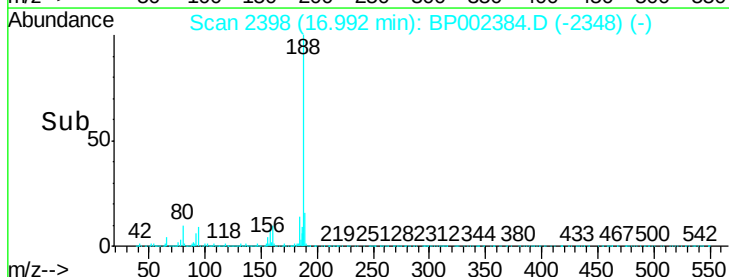
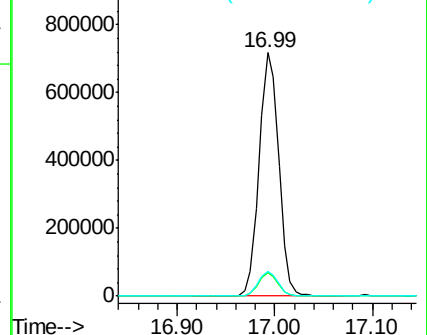
80 10.4 9.4 14.0

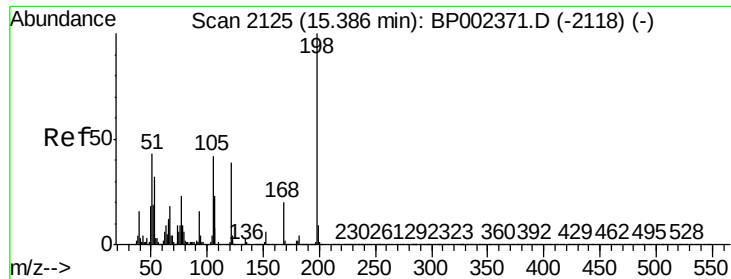


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

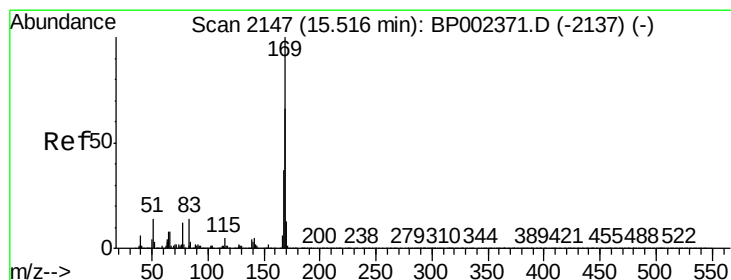
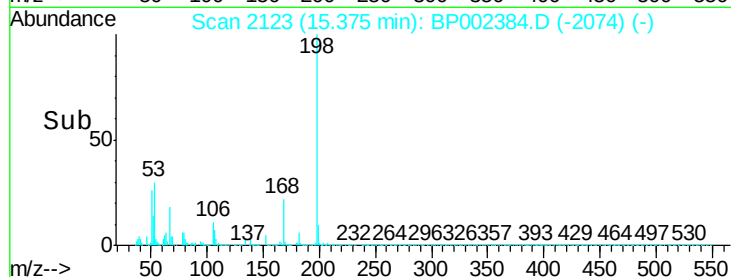
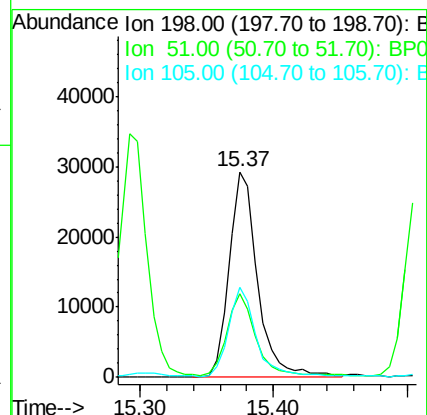
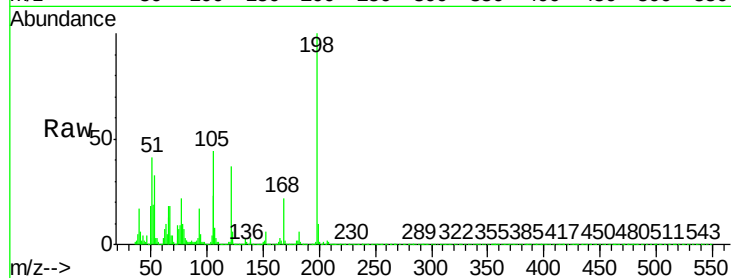




#65  
4,6-Dinitro-2-methylphenol  
Concen: 8.258 ng  
RT: 15.37 min Scan# 2123  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

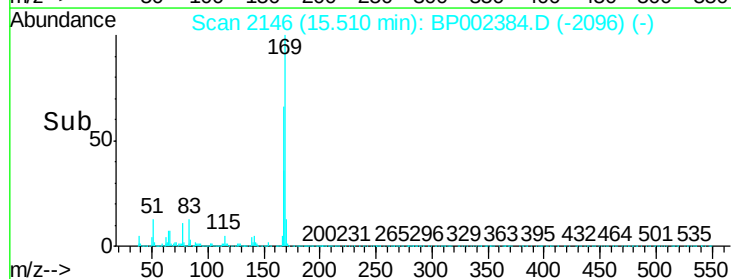
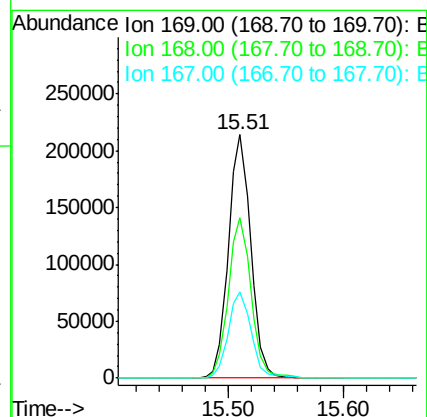
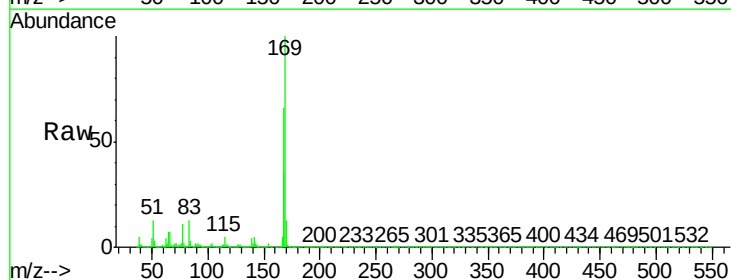
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

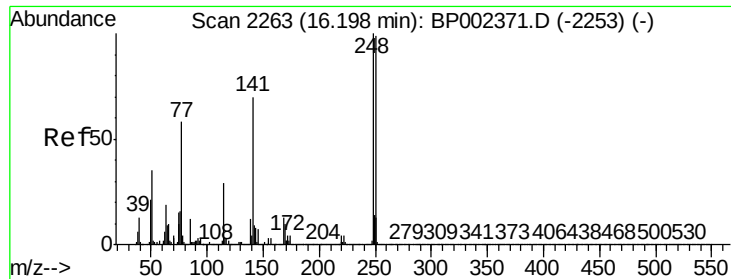
Tot Ion:198 Resp: 43806  
Ion Ratio Lower Upper  
198 100  
51 41.0 23.4 63.4  
105 43.6 22.5 62.5



#66  
n-Nitrosodiphenylamine  
Concen: 11.160 ng  
RT: 15.51 min Scan# 2146  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion:169 Resp: 286603  
Ion Ratio Lower Upper  
169 100  
168 66.1 52.8 79.2  
167 35.6 29.4 44.0

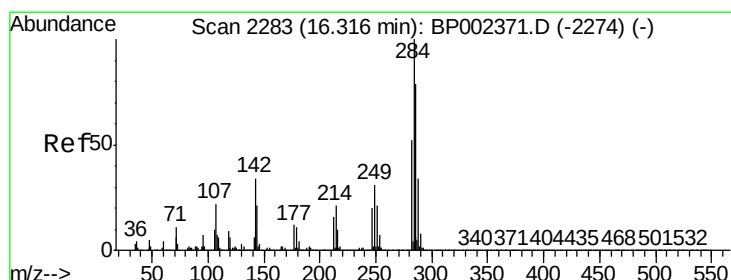
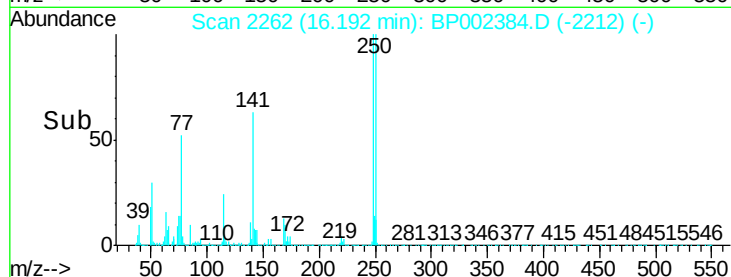
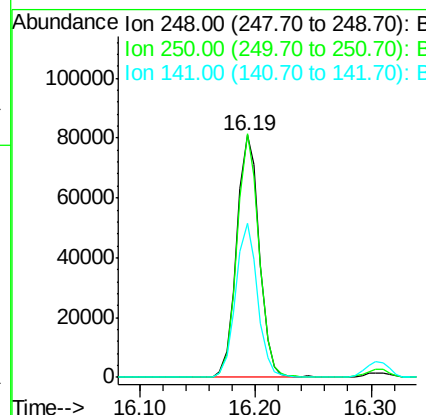
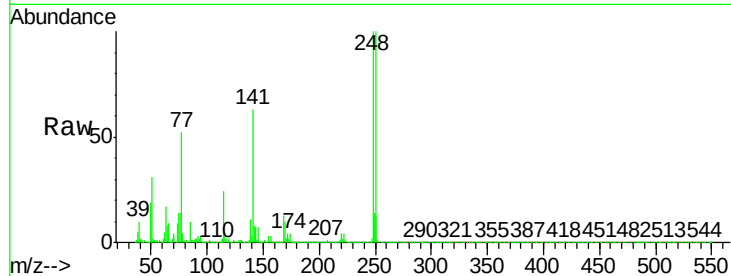




#67  
4-Bromophenyl-phenylether  
Concen: 11.528 ng  
RT: 16.19 min Scan# 2262  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

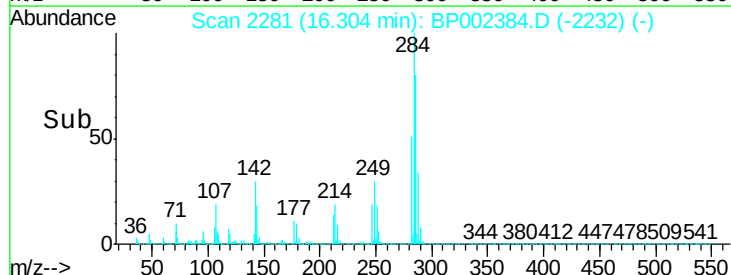
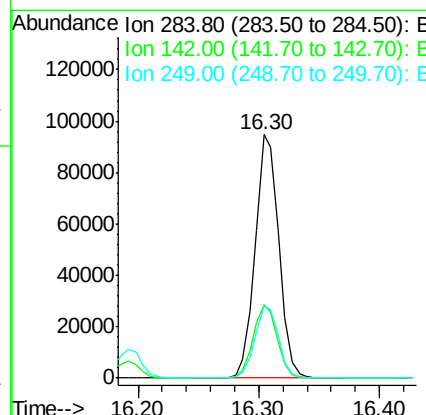
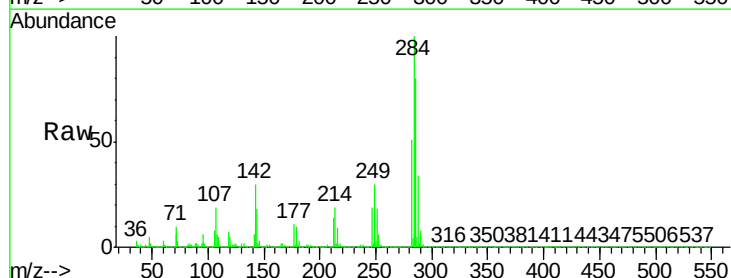
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

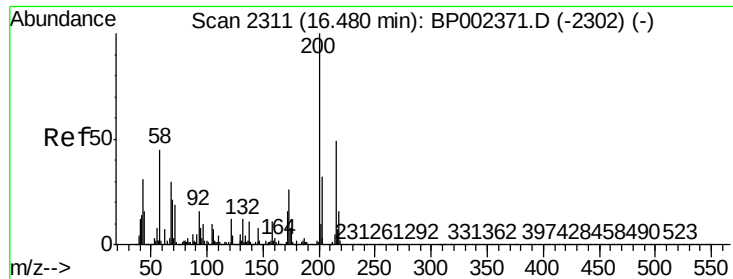
Tot Ion:248 Resp: 109784  
Ion Ratio Lower Upper  
248 100  
250 100.5 79.3 118.9  
141 63.6 55.7 83.5



#68  
Hexachlorobenzene  
Concen: 12.802 ng  
RT: 16.30 min Scan# 2281  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion:284 Resp: 129379  
Ion Ratio Lower Upper  
284 100  
142 30.3 27.4 41.0  
249 29.6 24.9 37.3

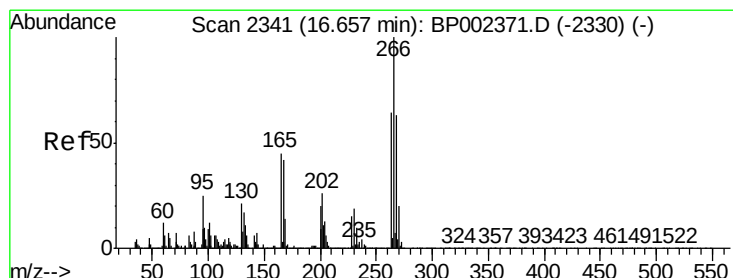
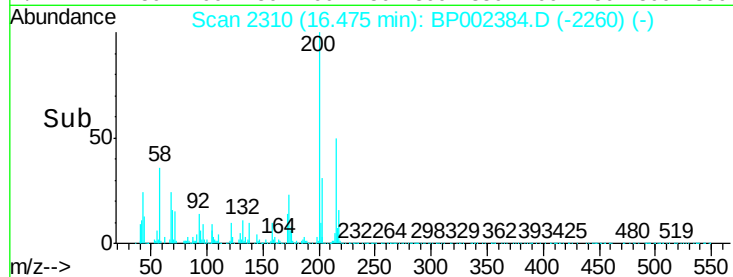
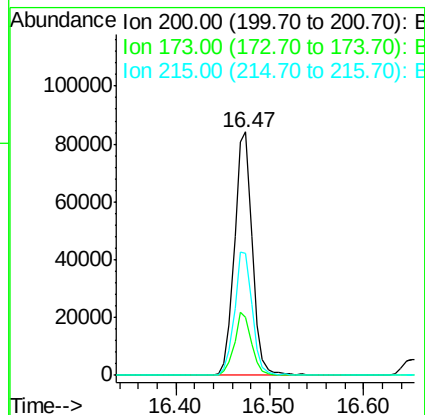
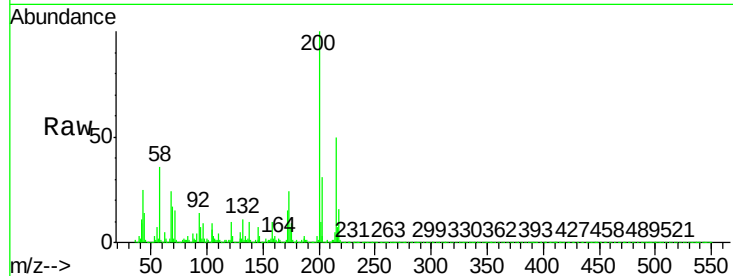




#69  
Atrazine  
Concen: 13.155 ng  
RT: 16.47 min Scan# 2310  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

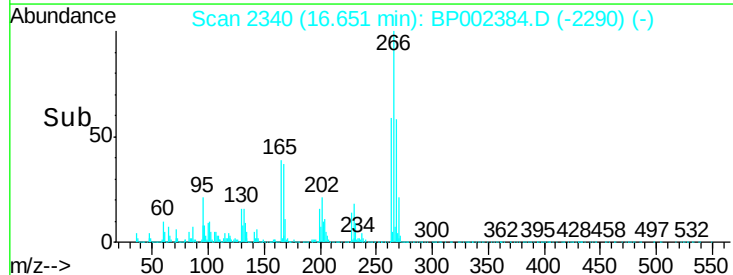
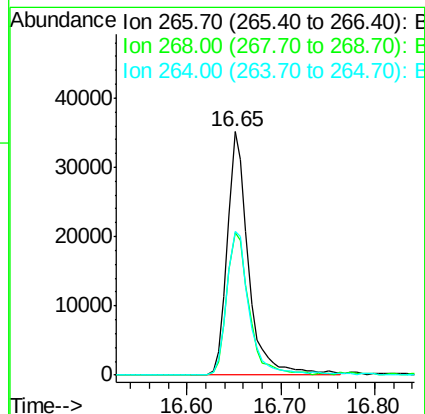
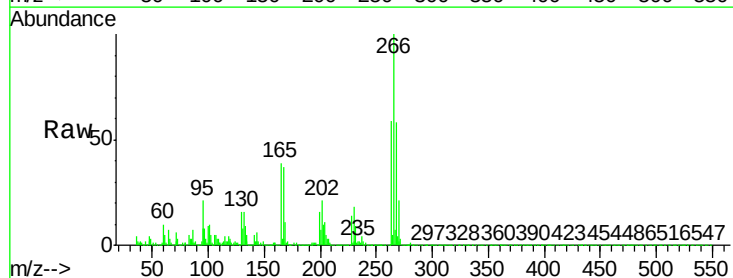
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

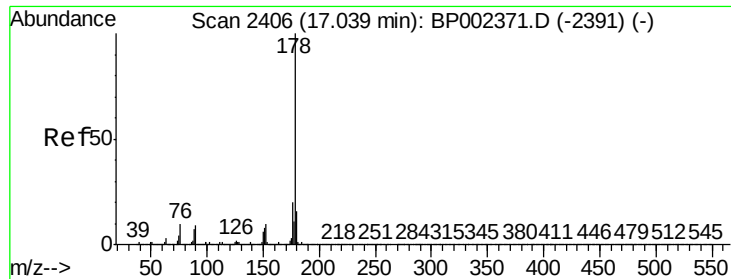
Tot Ion:200 Resp: 110206  
Ion Ratio Lower Upper  
200 100  
173 24.0 6.4 46.4  
215 50.2 29.3 69.3



#70  
Pentachlorophenol  
Concen: 9.107 ng  
RT: 16.65 min Scan# 2340  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion:266 Resp: 55060  
Ion Ratio Lower Upper  
266 100  
268 58.5 50.5 75.7  
264 59.1 51.4 77.0

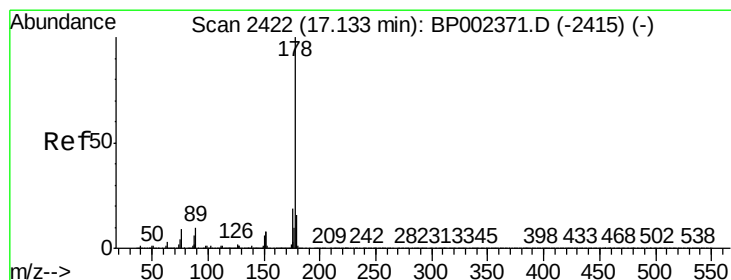
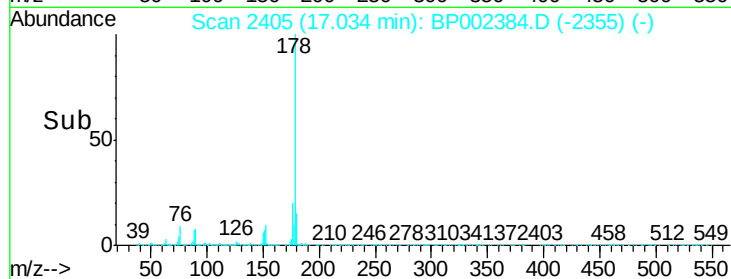
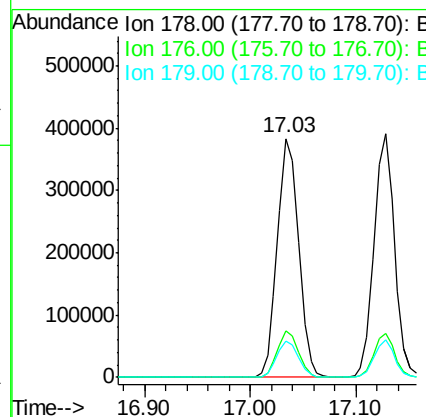
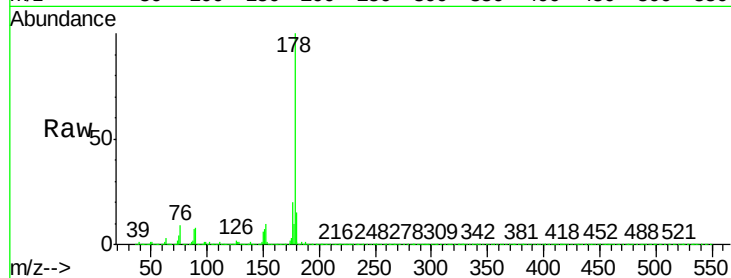




#71  
Phenanthrene  
Concen: 11.372 ng  
RT: 17.03 min Scan# 2405  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

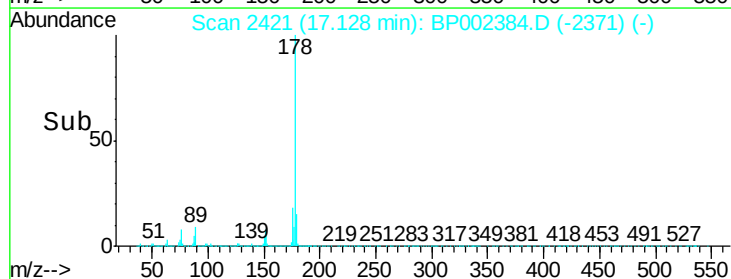
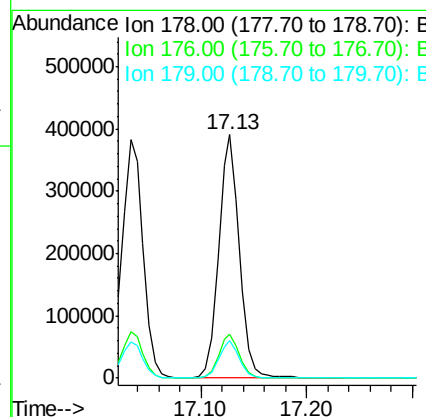
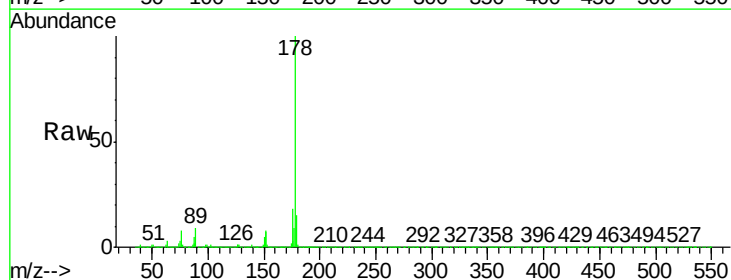
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

Tot Ion:178 Resp: 534807  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.8 23.6  
179 15.3 12.5 18.7

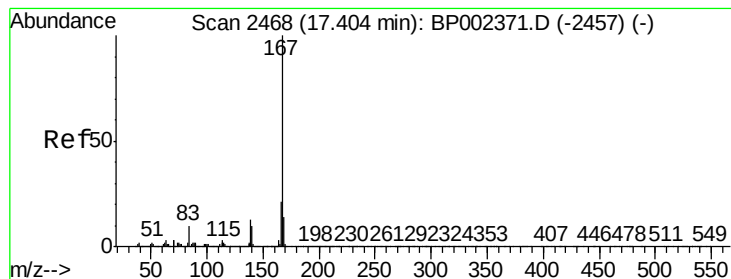


#72  
Anthracene  
Concen: 11.422 ng  
RT: 17.13 min Scan# 2421  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion:178 Resp: 533602  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.5 23.3  
179 15.5 13.0 19.4







#73

Carbazole

Concen: 10.491 ng

RT: 17.40 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

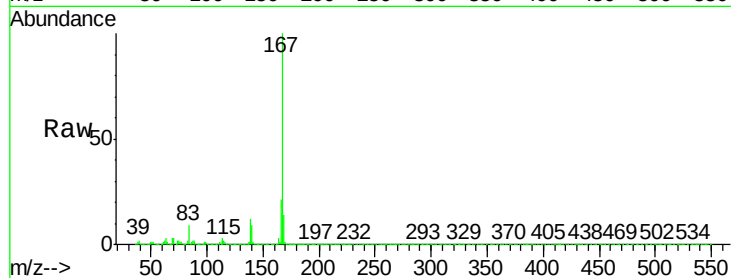
Tot Ion:167 Resp: 482115

Ion Ratio Lower Upper

167 100

166 20.9 17.1 25.7

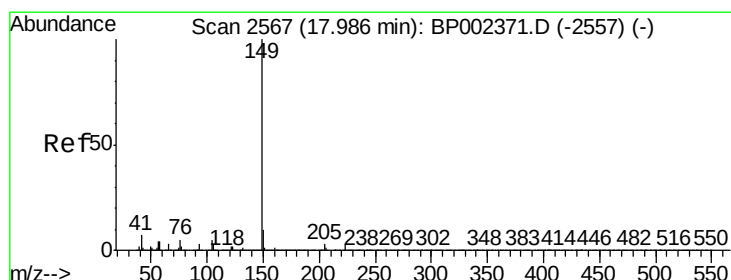
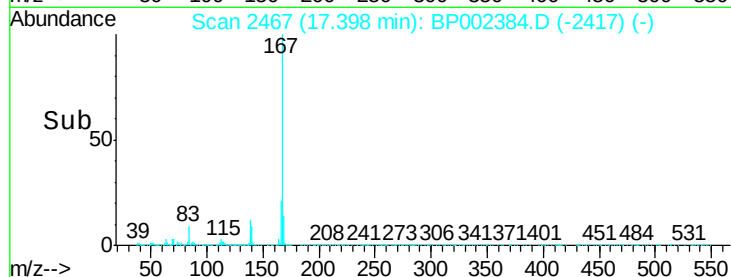
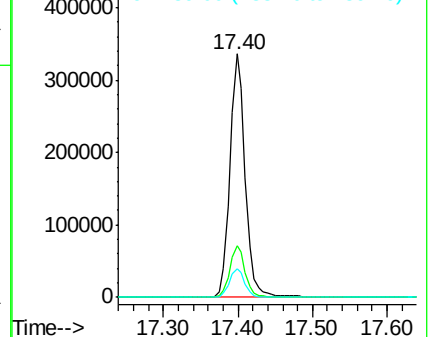
139 11.8 10.3 15.5



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: 9.642 ng

RT: 17.99 min Scan# 2567

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

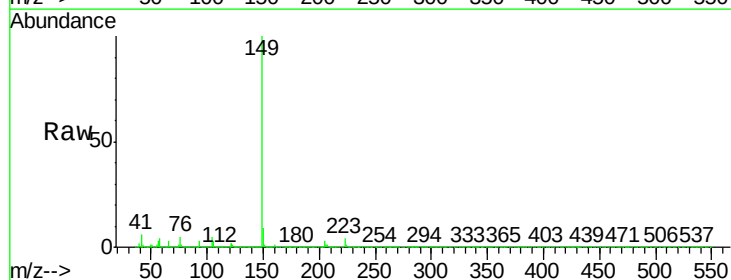
Tgt Ion:149 Resp: 524374

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

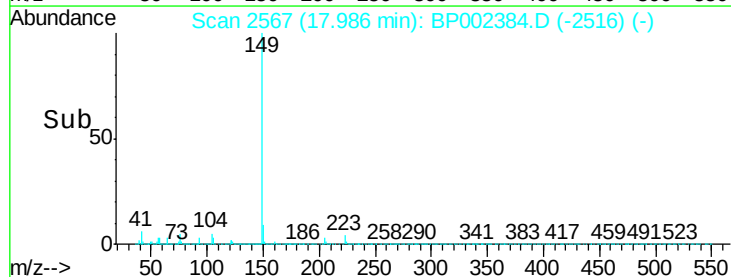
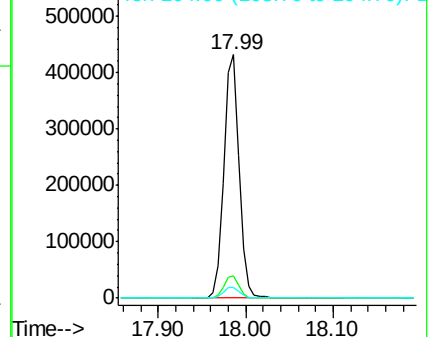
104 4.6 4.3 6.5

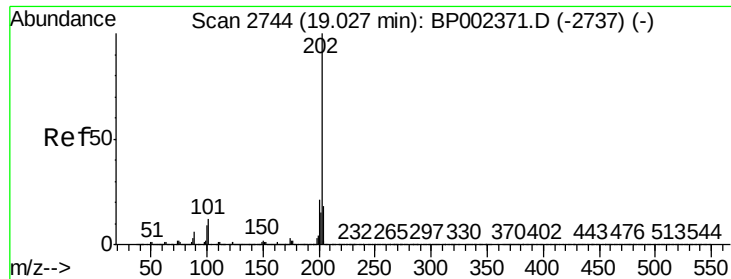


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 11.424 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

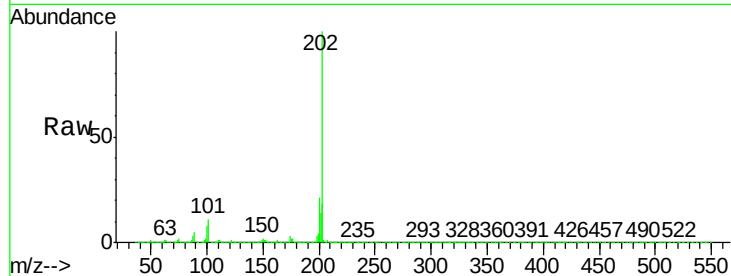
Tot Ion:202 Resp: 641254

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.8

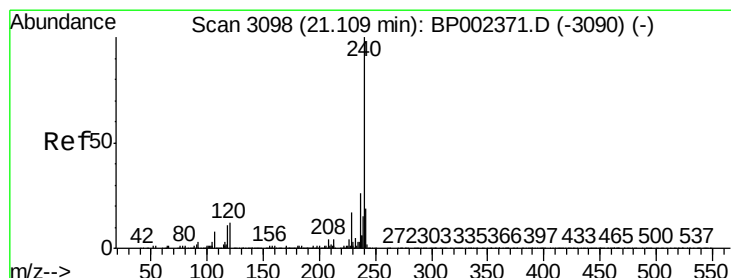
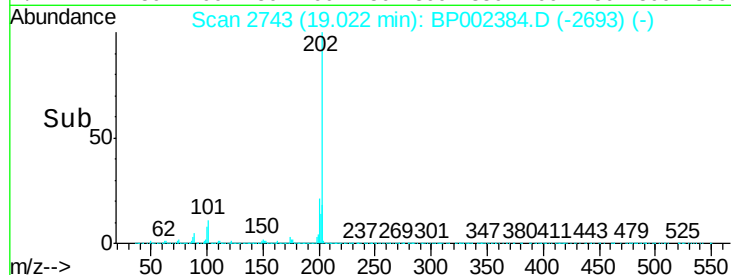
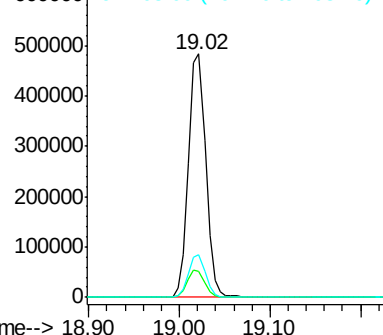
203 17.7 0.0 38.0



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: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

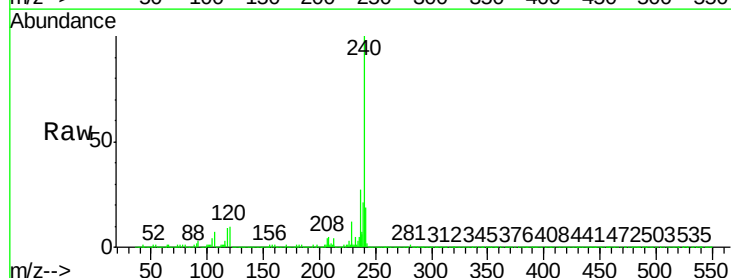
Tgt Ion:240 Resp: 1011610

Ion Ratio Lower Upper

240 100

120 10.4 9.3 13.9

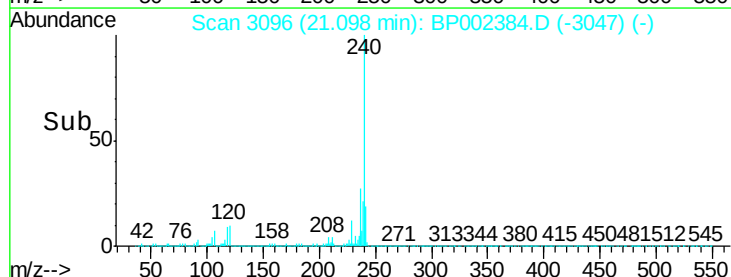
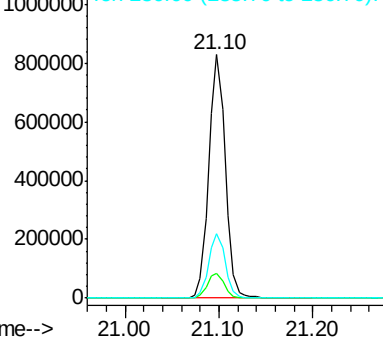
236 26.6 21.0 31.6

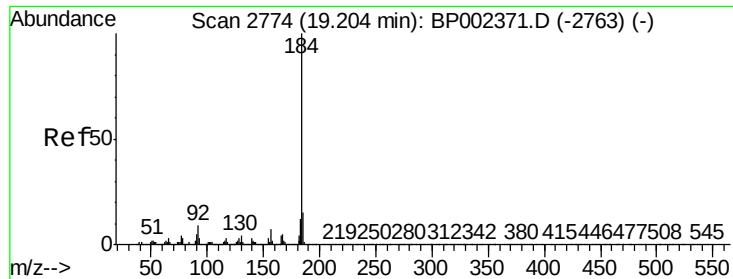


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.697 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

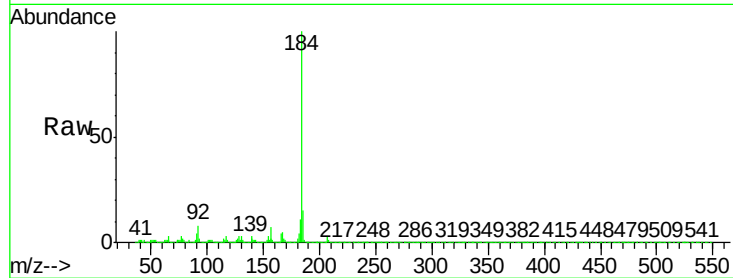
Tot Ion:184 Resp: 309610

Ion Ratio Lower Upper

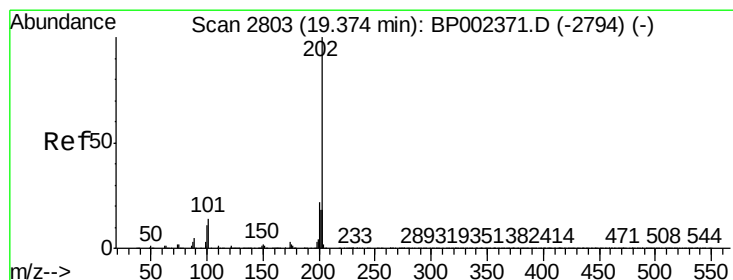
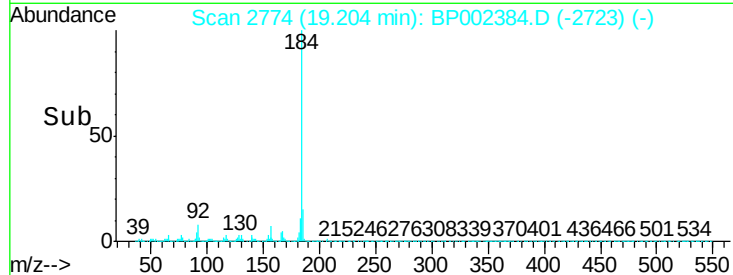
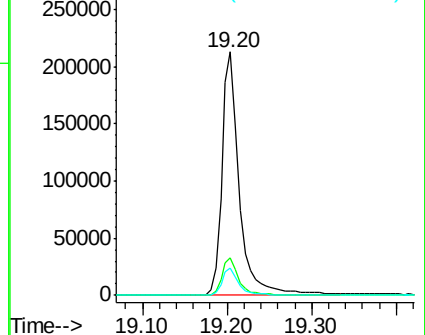
184 100

185 15.2 11.8 17.8

183 11.0 9.2 13.8



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: 10.883 ng

RT: 19.37 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

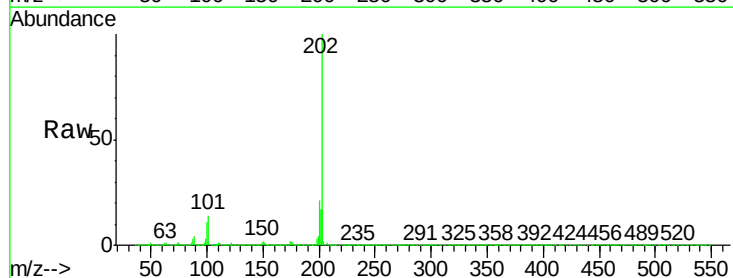
Tgt Ion:202 Resp: 674382

Ion Ratio Lower Upper

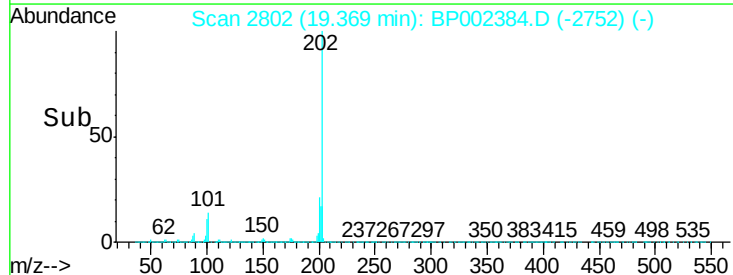
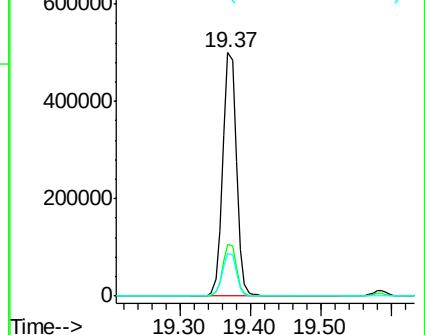
202 100

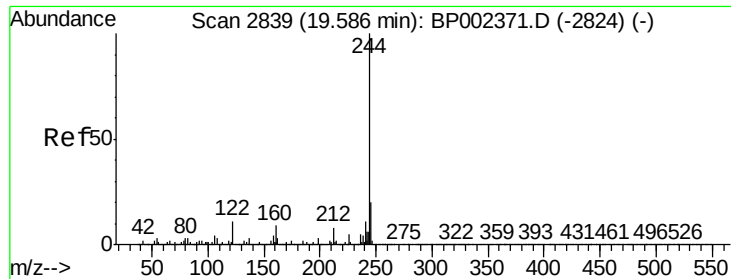
200 21.2 17.7 26.5

203 17.3 14.6 22.0



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: 118.152 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

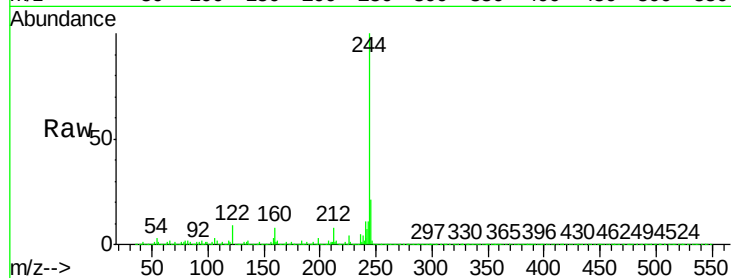
Tot Ion:244 Resp: 4561604

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

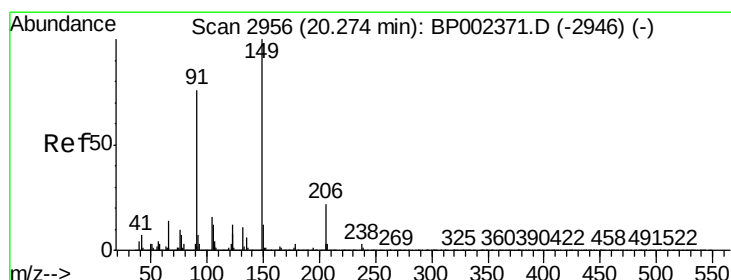
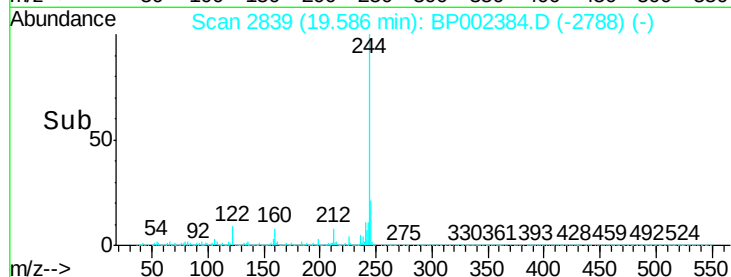
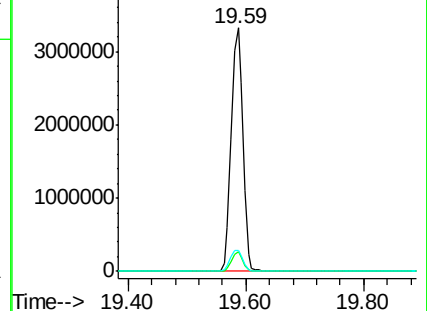
122 8.7 8.8 13.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 8.082 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

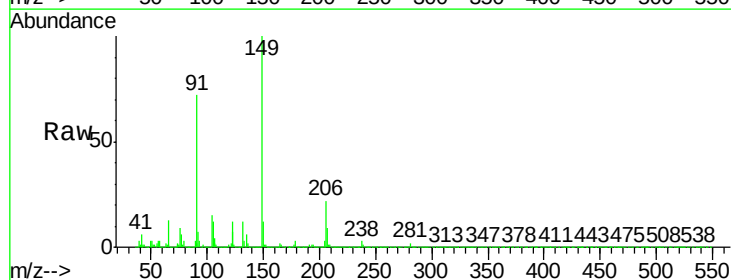
Tgt Ion:149 Resp: 222617

Ion Ratio Lower Upper

149 100

91 72.0 61.2 91.8

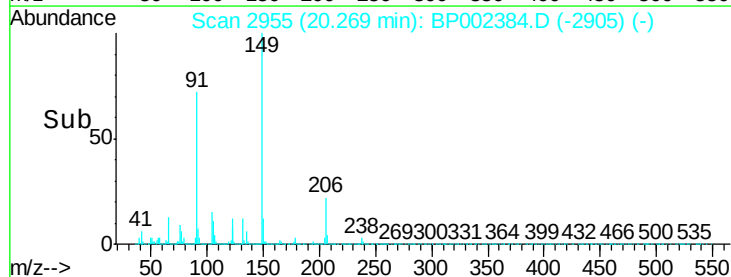
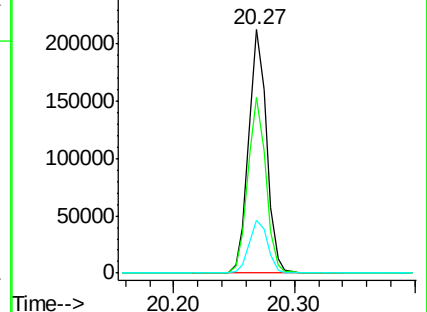
206 21.8 17.8 26.6

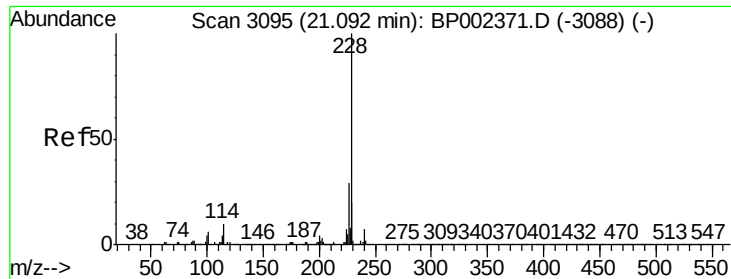


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

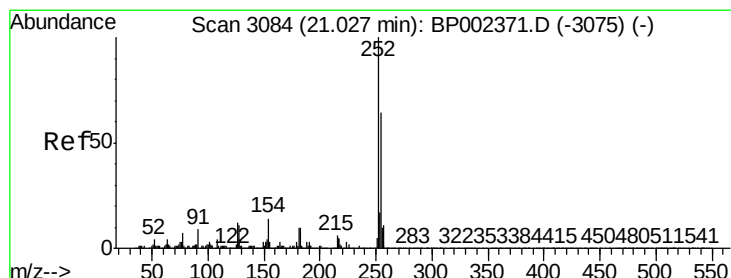
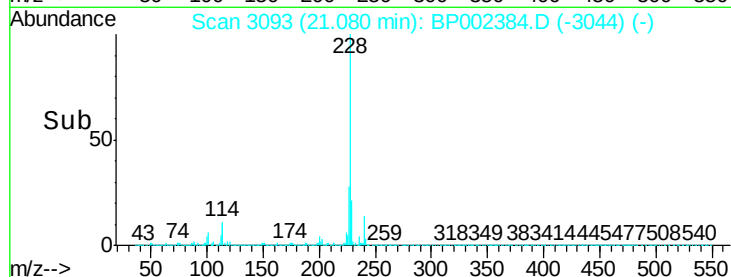
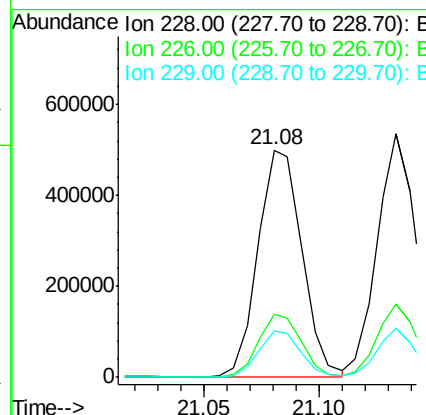
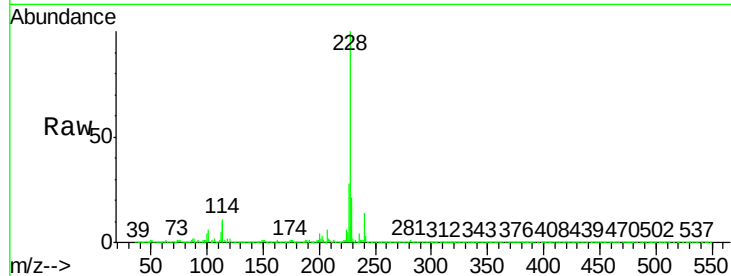




#81  
Benzo(a)anthracene  
Concen: 11.509 ng  
RT: 21.08 min Scan# 3093  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

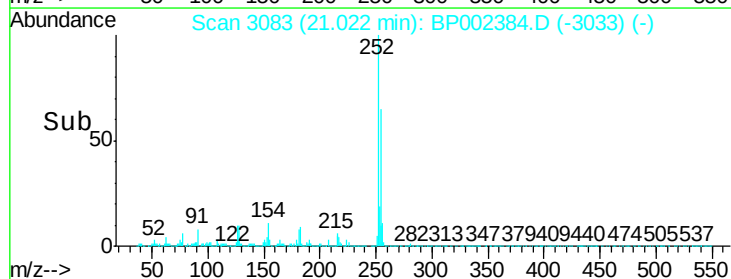
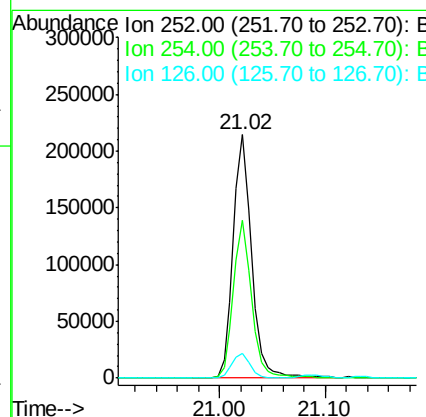
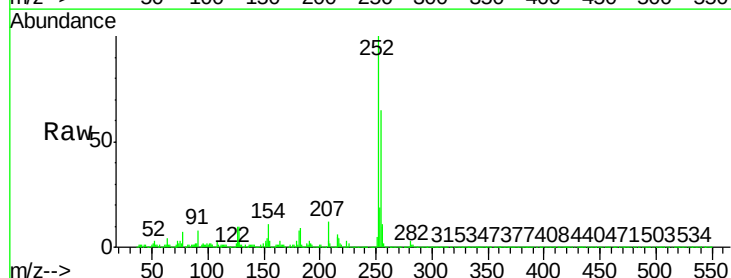
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

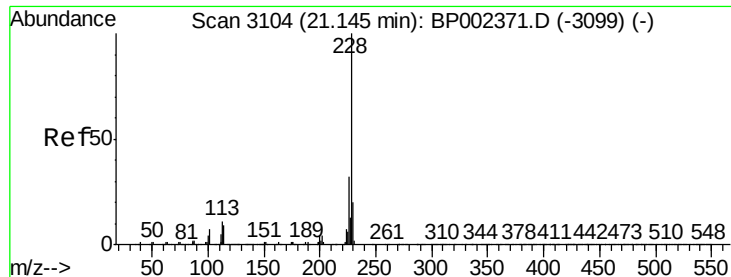
Tot Ion:228 Resp: 664583  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.8 34.2  
229 20.5 16.2 24.2



#82  
3,3'-Dichlorobenzidine  
Concen: 12.037 ng  
RT: 21.02 min Scan# 3083  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion:252 Resp: 258301  
Ion Ratio Lower Upper  
252 100  
254 65.1 51.4 77.2  
126 10.3 9.2 13.8





#83

Chrysene

Concen: 11.805 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

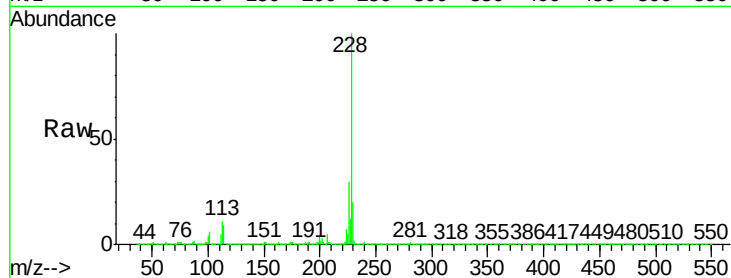
Tot Ion:228 Resp: 645804

Ion Ratio Lower Upper

228 100

226 30.2 25.2 37.8

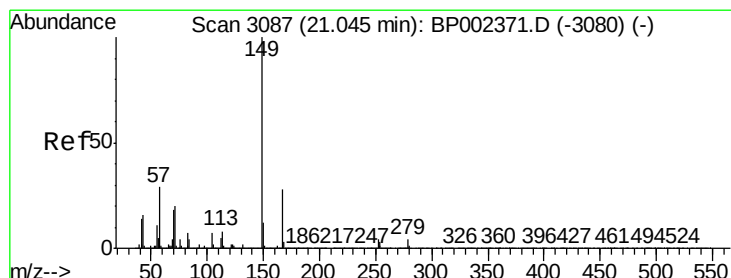
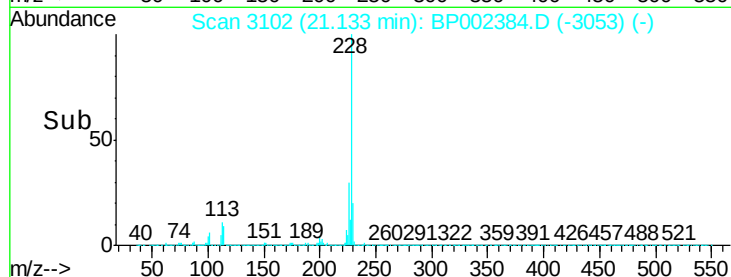
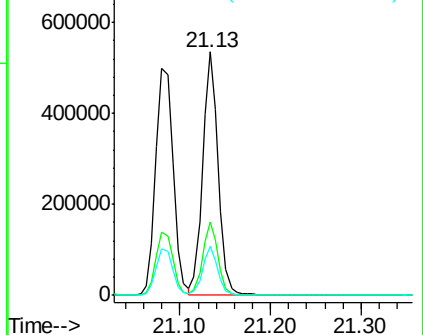
229 20.1 16.1 24.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.097 ng

RT: 21.05 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

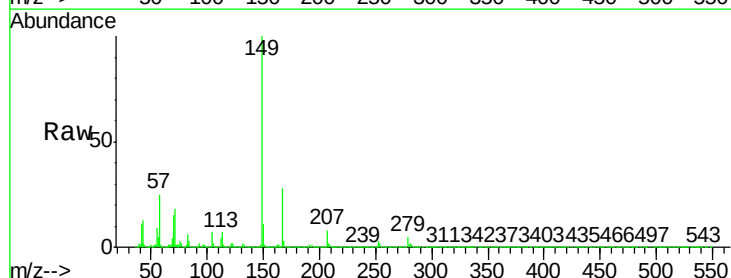
Tgt Ion:149 Resp: 364503

Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

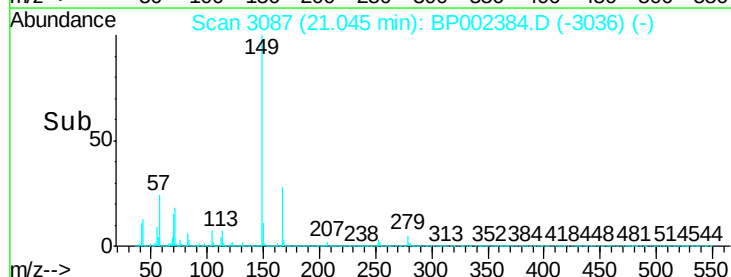
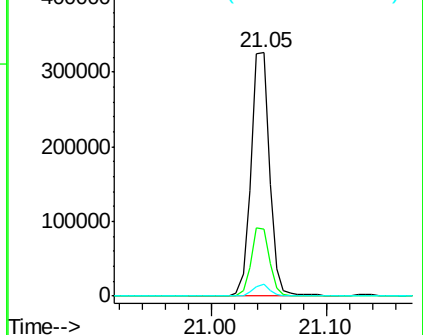
279 5.2 3.2 4.8

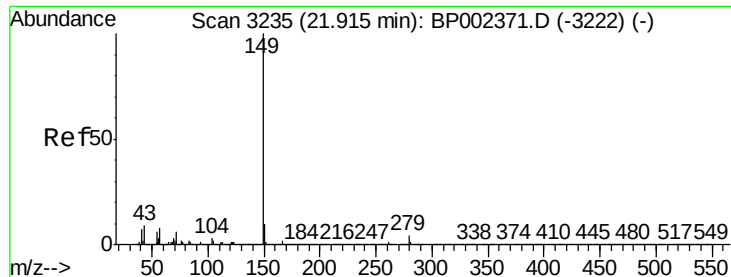


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

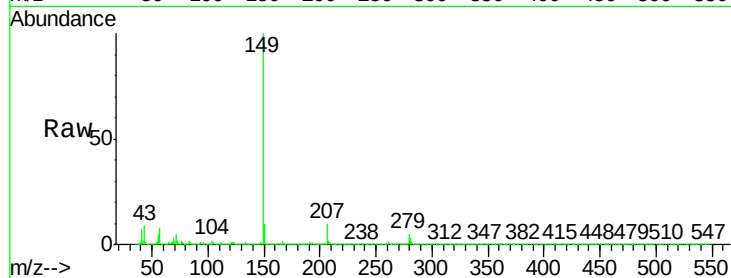




#85  
Di-n-octyl phthalate  
Concen: 8.517 ng  
RT: 21.91 min Scan# 3234  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

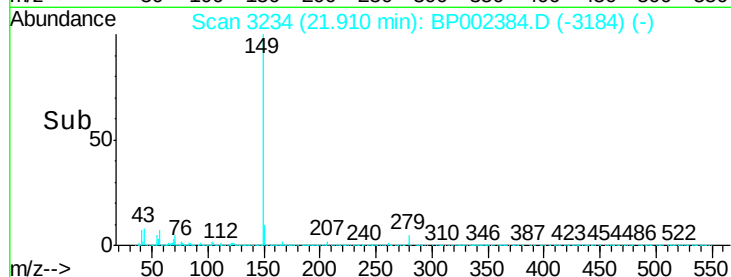
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

Tot Ion:149 Resp: 598572  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 9.1 7.8 11.6

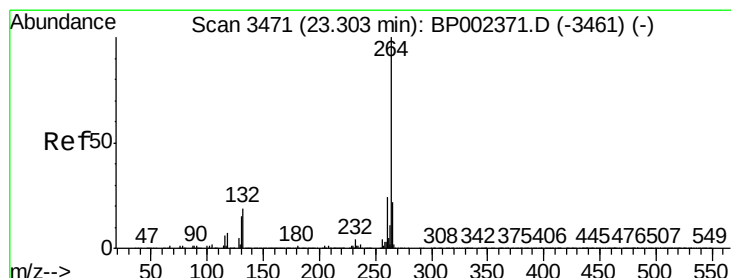


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BP0

21.91

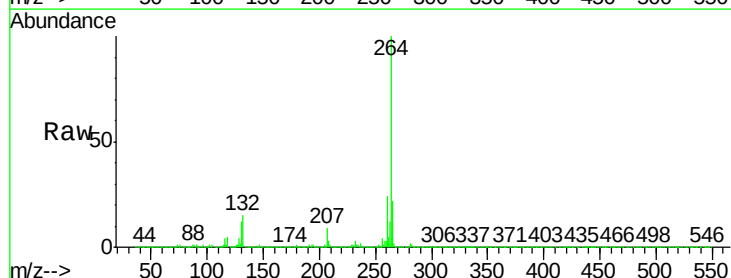


Time-->



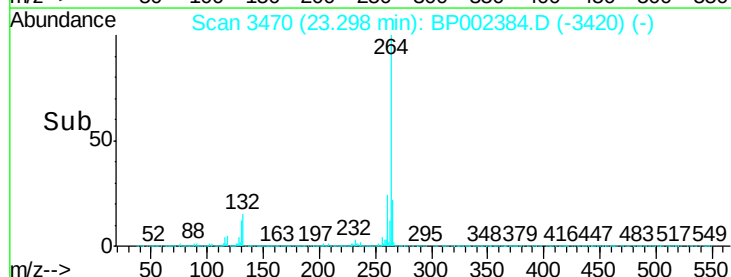
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.30 min Scan# 3470  
Delta R.T. -0.01 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion:264 Resp: 1182310  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.4 29.0  
265 21.8 17.4 26.2

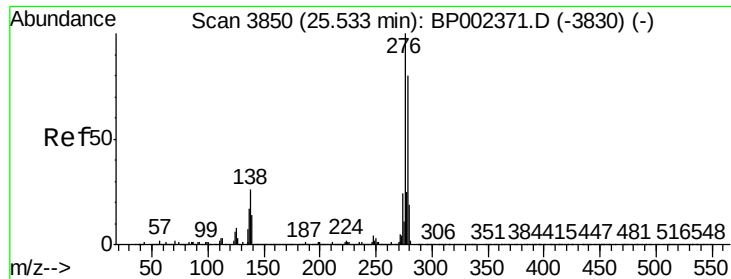


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

23.30



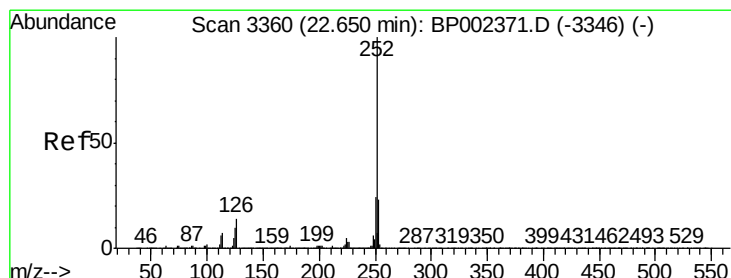
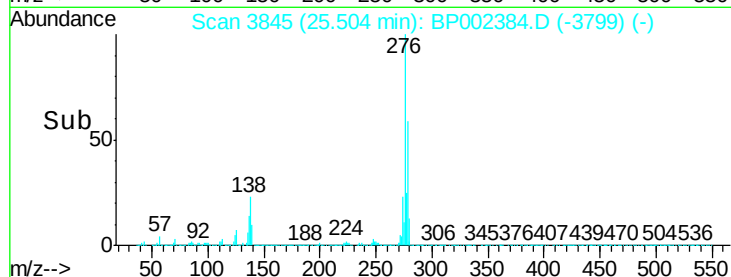
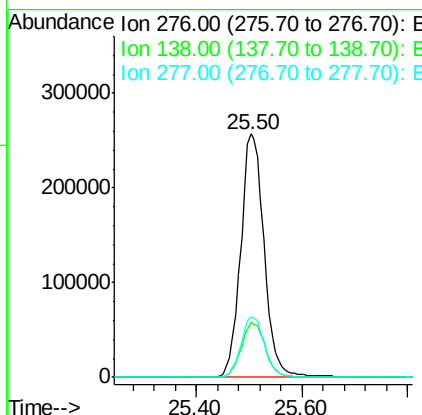
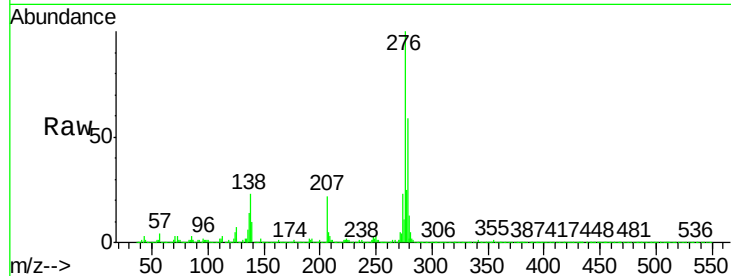
Time-->



#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 10.666 ng  
 RT: 25.50 min Scan# 3845  
 Delta R.T. -0.03 min  
 Lab File: BP002384.D  
 Acq: 10 Jun 2020 20:33

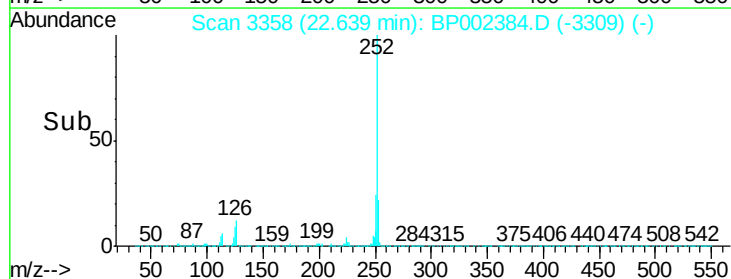
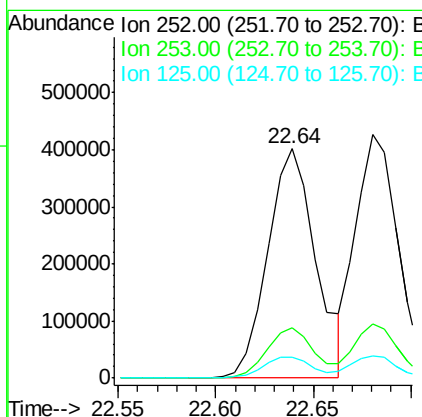
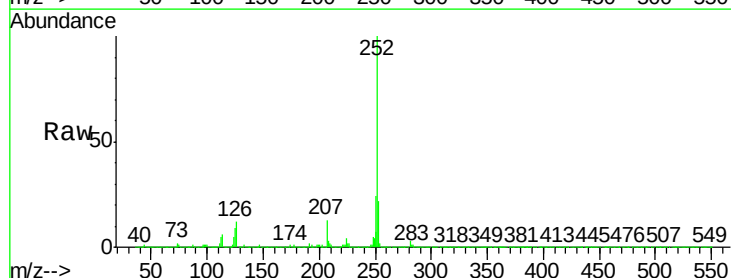
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.5  | 21.2  | 31.8  |
| 277     | 25.0  | 20.3  | 30.5  |

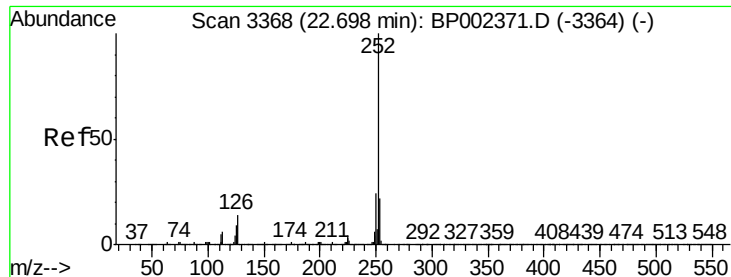


#88  
 Benzo(b)fluoranthene  
 Concen: 10.734 ng  
 RT: 22.64 min Scan# 3358  
 Delta R.T. -0.01 min  
 Lab File: BP002384.D  
 Acq: 10 Jun 2020 20:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 18.1  | 27.1  |
| 125     | 9.1   | 8.2   | 12.2  |



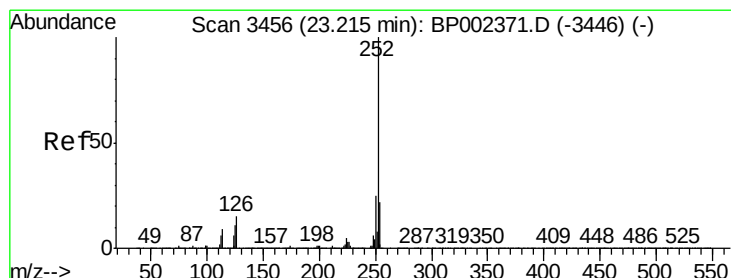
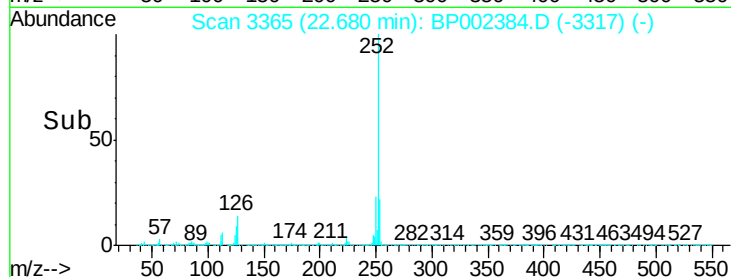
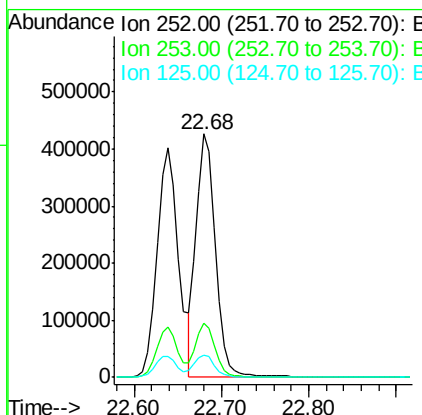
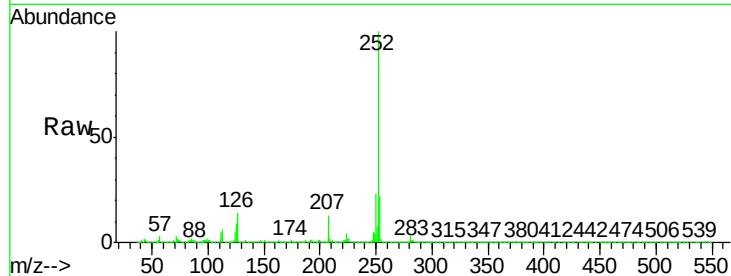




#89  
Benzo(k)fluoranthene  
Concen: 10.855 ng  
RT: 22.68 min Scan# 3365  
Delta R.T. -0.02 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

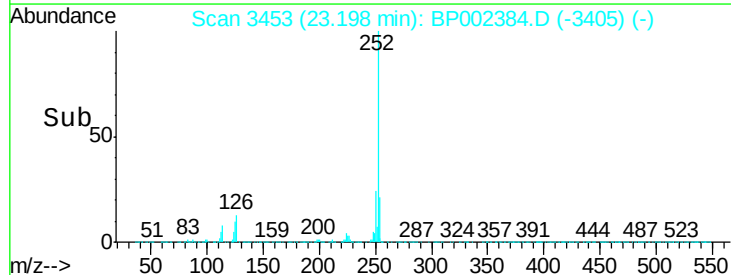
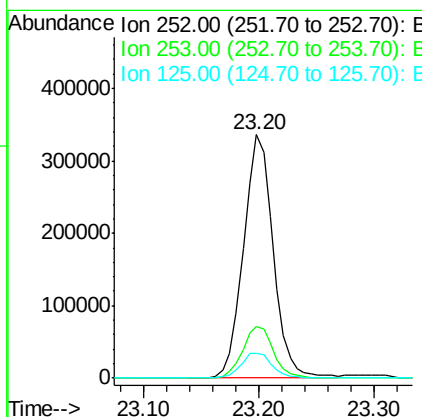
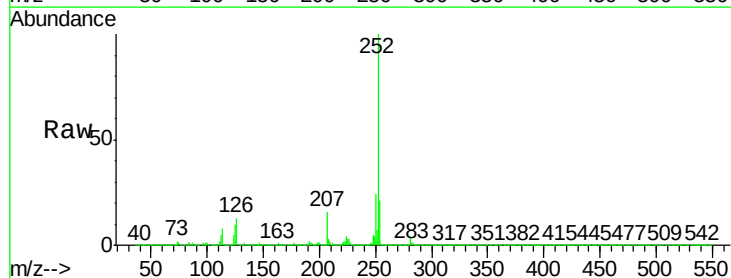
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2020

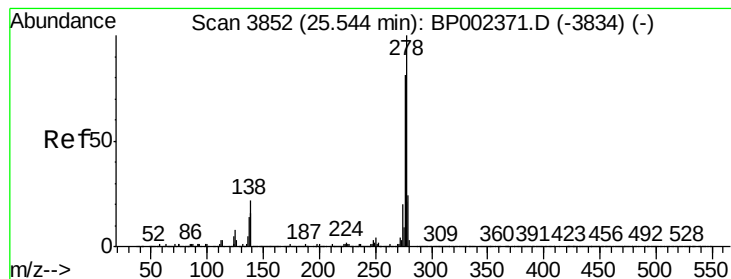
Tot Ion:252 Resp: 657577  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.6  
125 9.3 7.8 11.8



#90  
Benzo(a)pyrene  
Concen: 10.065 ng  
RT: 23.20 min Scan# 3453  
Delta R.T. -0.02 min  
Lab File: BP002384.D  
Acq: 10 Jun 2020 20:33

Tgt Ion:252 Resp: 601372  
Ion Ratio Lower Upper  
252 100  
253 21.1 17.8 26.8  
125 10.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 11.176 ng

RT: 25.52 min Scan# 3848

Delta R.T. -0.02 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

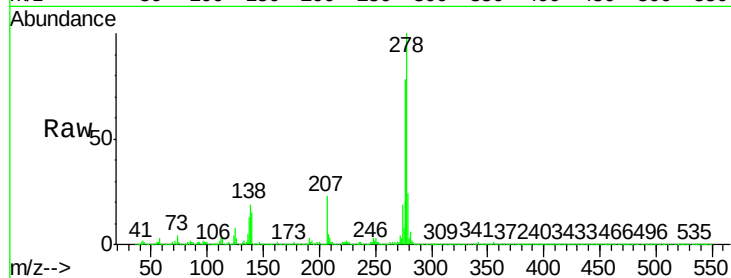
Tot Ion:278 Resp: 662975

Ion Ratio Lower Upper

278 100

139 14.9 13.1 19.7

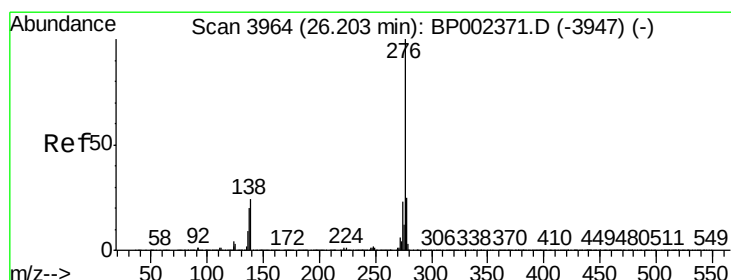
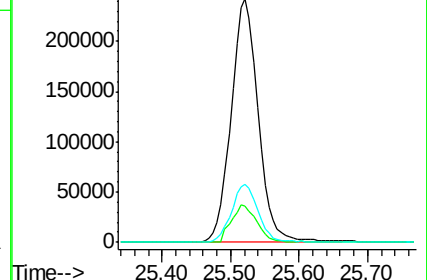
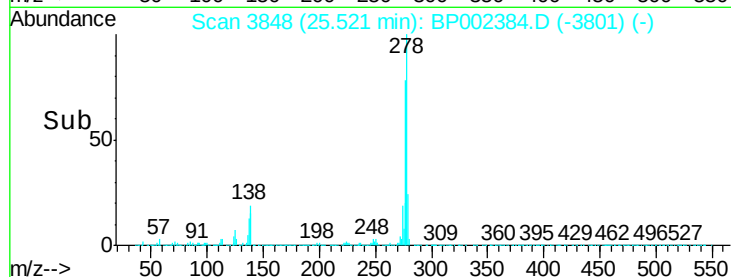
279 23.9 18.9 28.3



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



#92

Benzo(g,h,i)perylene

Concen: 10.735 ng

RT: 26.17 min Scan# 3959

Delta R.T. -0.03 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

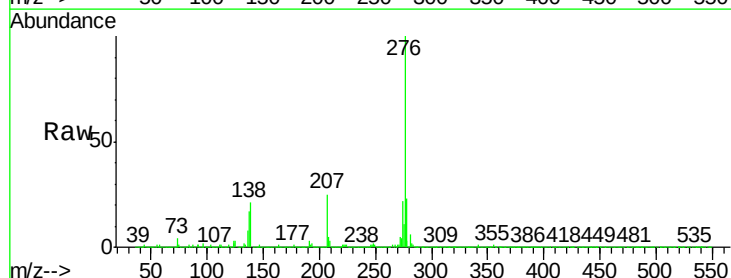
Tgt Ion:276 Resp: 659525

Ion Ratio Lower Upper

276 100

277 23.1 19.8 29.6

138 20.9 19.2 28.8



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

