

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP031821\  
 Data File : BP004998.D  
 Acq On : 18 Mar 2021 15:07  
 Operator : CG/JU  
 Sample : M1344-04  
 Misc : SFAM-MDL-MES-01  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-MED-SOIL-QT2-2021-03

Quant Time: Mar 18 15:37:22 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP031721.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 18 10:42:23 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 41911    | 20.00 | ng/ul | 0.00     |
| 20) Naphthalene-d8        | 10.52 | 136  | 163288   | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.37 | 164  | 107724   | 20.00 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 17.13 | 188  | 238514   | 20.00 | ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.23 | 240  | 258663   | 20.00 | ng/ul | 0.00     |
| 88) Perylene-d12          | 23.52 | 264  | 247556   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 4565   | 4.31  | ng/uL | 0.00 |
| 4) Pyridine-d5                 | 3.64  | 84  | 66141  | 25.56 | ng/ul | 0.00 |
| 7) Phenol-d5                   | 6.90  | 99  | 108299 | 31.82 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 58424  | 32.56 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4          | 7.26  | 132 | 94779  | 34.63 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8          | 8.43  | 113 | 85856  | 31.81 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5            | 8.88  | 128 | 45682  | 36.60 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4           | 9.60  | 143 | 52774  | 37.39 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3      | 10.14 | 165 | 91934  | 33.86 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4         | 10.66 | 131 | 119913 | 32.48 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6       | 13.79 | 166 | 290613 | 35.32 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8          | 14.07 | 160 | 353350 | 36.78 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4           | 14.59 | 143 | 45676  | 31.56 | ng/ul | 0.00 |
| 60) Fluorene-d10               | 15.37 | 176 | 254360 | 35.72 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 53129  | 31.91 | ng/ul | 0.00 |
| 73) Anthracene-d10             | 17.23 | 188 | 390106 | 34.77 | ng/ul | 0.00 |
| 81) Pyrene-d10                 | 19.48 | 212 | 448315 | 34.88 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12         | 23.37 | 264 | 507370 | 38.10 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |       | Ovalue    |
|--------------------------------|-------|-----|-------|-------|-----------|
| 2) 1,4-Dioxane                 | 3.26  | 88  | 1182  | 1.076 | ng/uL 97  |
| 5) Pyridine                    | 3.66  | 79  | 10218 | 3.827 | ng/ul# 41 |
| 6) Benzaldehyde                | 6.88  | 77  | 9231  | 5.218 | ng/ul# 88 |
| 8) Phenol                      | 6.92  | 94  | 15261 | 4.298 | ng/ul 96  |
| 10) Bis(2-Chloroethyl)ether    | 7.16  | 93  | 11766 | 4.360 | ng/ul# 94 |
| 12) 2-Chlorophenol             | 7.29  | 128 | 12892 | 4.505 | ng/ul 99  |
| 13) 2-Methylphenol             | 8.17  | 108 | 11403 | 4.217 | ng/ul 98  |
| 14) 2,2'-oxybis(1-Chloropropan | 8.26  | 45  | 11583 | 4.320 | ng/ul 95  |
| 16) Acetophenone               | 8.55  | 105 | 19392 | 4.372 | ng/ul 94  |
| 17) N-Nitroso-di-n-propylamine | 8.53  | 70  | 8783  | 4.266 | ng/ul# 86 |
| 18) 4-Methylphenol             | 8.50  | 108 | 13416 | 4.660 | ng/ul 96  |
| 19) Hexachloroethane           | 8.80  | 117 | 5486  | 4.434 | ng/ul 96  |
| 22) Nitrobenzene               | 8.92  | 77  | 14355 | 4.506 | ng/ul 98  |
| 23) Isophorone                 | 9.45  | 82  | 23091 | 4.095 | ng/ul# 93 |
| 25) 2-Nitrophenol              | 9.63  | 139 | 7570  | 4.922 | ng/ul 93  |
| 26) 2,4-Dimethylphenol         | 9.70  | 107 | 14746 | 4.576 | ng/ul 99  |
| 27) Bis(2-Chloroethoxy)methane | 9.93  | 93  | 14685 | 4.377 | ng/ul 99  |
| 29) 2,4-Dichlorophenol         | 10.16 | 162 | 12387 | 4.638 | ng/ul 93  |
| 30) Naphthalene                | 10.56 | 128 | 43371 | 4.821 | ng/ul 99  |
| 32) 4-Chloroaniline            | 10.68 | 127 | 16827 | 4.506 | ng/ul 98  |
| 33) Hexachlorobutadiene        | 10.85 | 225 | 9588  | 4.748 | ng/ul 96  |
| 34) Caprolactam                | 11.49 | 113 | 3153m | 3.575 | ng/ul     |

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 Misc : SFAM-MDL-MES-01  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
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 MDL-MED-SOIL-QT2-2021-03

Quant Time: Mar 18 15:37:22 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP031721.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 18 10:42:23 2021  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 4-Chloro-3-methylphenol    | 11.82 | 107  | 11687    | 4.119 | ng/ul# | 90       |
| 36) 2-Methylnaphthalene        | 12.19 | 142  | 29715    | 4.701 | ng/ul  | 100      |
| 37) 1-Methylnaphthalene        | 12.40 | 142  | 29322    | 4.603 | ng/ul  | 96       |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.56 | 216  | 18179    | 4.695 | ng/ul# | 97       |
| 40) Hexachlorocyclopentadiene  | 12.53 | 237  | 9478     | 3.856 | ng/ul  | 91       |
| 41) 2,4,6-Trichlorophenol      | 12.80 | 196  | 10719    | 4.465 | ng/ul  | 92       |
| 42) 2,4,5-Trichlorophenol      | 12.87 | 196  | 10423    | 4.027 | ng/ul  | 93       |
| 43) 1,1'-Biphenyl              | 13.20 | 154  | 39702    | 4.630 | ng/ul# | 97       |
| 44) 2-Chloronaphthalene        | 13.25 | 162  | 31124    | 4.614 | ng/ul  | 95       |
| 45) 2-Nitroaniline             | 13.46 | 65   | 6397     | 3.573 | ng/ul# | 69       |
| 47) Dimethylphthalate          | 13.84 | 163  | 39458    | 4.661 | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene         | 13.96 | 165  | 7505     | 4.376 | ng/ul# | 86       |
| 50) Acenaphthylene             | 14.10 | 152  | 45681    | 4.634 | ng/ul# | 96       |
| 51) 3-Nitroaniline             | 14.29 | 138  | 6330     | 3.974 | ng/ul# | 87       |
| 52) Acenaphthene               | 14.44 | 153  | 32162    | 4.550 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol          | 14.50 | 184  | 3725     | 3.313 | ng/ul# | 84       |
| 55) 4-Nitrophenol              | 14.60 | 109  | 6054     | 4.442 | ng/ul  | 88       |
| 56) Dibenzofuran               | 14.78 | 168  | 48297    | 4.744 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene         | 14.75 | 165  | 10709    | 4.418 | ng/ul# | 91       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.00 | 232  | 10606    | 4.592 | ng/ul# | 91       |
| 59) Diethylphthalate           | 15.21 | 149  | 36682    | 4.419 | ng/ul  | 97       |
| 61) Fluorene                   | 15.43 | 166  | 38992    | 4.633 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenylether | 15.43 | 204  | 21878    | 4.793 | ng/ul  | 100      |
| 63) 4-Nitroaniline             | 15.46 | 138  | 6398     | 4.088 | ng/ul# | 78       |
| 66) 4,6-Dinitro-2-methylphenol | 15.51 | 198  | 7507     | 4.481 | ng/ul# | 81       |
| 67) N-Nitrosodiphenylamine     | 15.65 | 169  | 34135    | 4.766 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether  | 16.33 | 248  | 13468    | 4.811 | ng/ul  | 98       |
| 69) Hexachlorobenzene          | 16.43 | 284  | 15705    | 5.000 | ng/ul# | 91       |
| 70) Atrazine                   | 16.60 | 200  | 11840    | 4.071 | ng/ul  | 97       |
| 71) Pentachlorophenol          | 16.78 | 266  | 7848     | 3.803 | ng/ul# | 89       |
| 72) Phenanthrene               | 17.17 | 178  | 62089    | 4.584 | ng/ul  | 99       |
| 74) Anthracene                 | 17.27 | 178  | 63426    | 4.635 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.17 | 216  | 18454    | 4.605 | ng/uL  | 92       |
| 76) Pentachlorobenzene         | 14.70 | 250  | 18106    | 4.505 | ng/uL  | 98       |
| 77) Carbazole                  | 17.55 | 167  | 50587    | 4.211 | ng/ul  | 94       |
| 78) Di-n-butylphthalate        | 18.10 | 149  | 55187    | 4.032 | ng/ul  | 98       |
| 80) Fluoranthene               | 19.16 | 202  | 73407    | 4.549 | ng/ul# | 95       |
| 82) Pyrene                     | 19.51 | 202  | 78014    | 4.675 | ng/ul  | 97       |
| 83) Butylbenzylphthalate       | 20.39 | 149  | 24170    | 4.026 | ng/ul  | 93       |
| 84) 3,3'-Dichlorobenzidine     | 21.15 | 252  | 20948    | 3.524 | ng/ul  | 93       |
| 85) Benzo(a)anthracene         | 21.22 | 228  | 77734    | 4.655 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phthalate | 21.15 | 149  | 36266    | 3.959 | ng/ul# | 99       |
| 87) Chrysene                   | 21.26 | 228  | 76585    | 4.676 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate       | 22.03 | 149  | 60370    | 3.802 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene       | 22.82 | 252  | 79737    | 4.804 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene       | 22.87 | 252  | 79079    | 4.803 | ng/ul  | 99       |
| 93) Benzo(a)pyrene             | 23.42 | 252  | 70059    | 4.802 | ng/ul  | 96       |
| 94) Indeno(1,2,3-cd)pyrene     | 25.86 | 276  | 85063    | 4.613 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene     | 25.87 | 278  | 73867    | 4.790 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene       | 26.57 | 276  | 76321    | 4.926 | ng/ul  | 99       |

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Sample : M1344-04  
Misc : SFAM-MDL-MES-01  
ALS Vial : 8 Sample Multiplier: 1

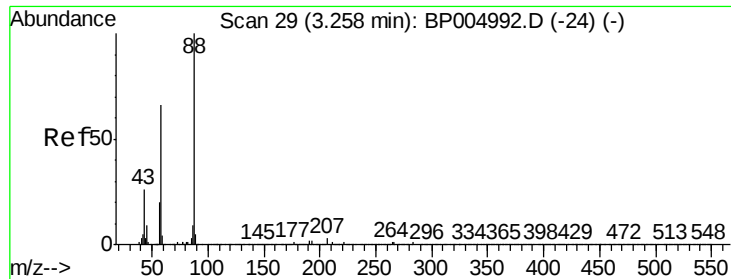
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

Quant Time: Mar 18 15:37:22 2021  
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QLast Update : Thu Mar 18 10:42:23 2021  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
| -----              |      |      |          |      |       |          |
| -----              |      |      |          |      |       |          |

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





#2

1,4-Dioxane

Concen: 1.076 ng/uL

RT: 3.26 min Scan# 30

Delta R.T. 0.01 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

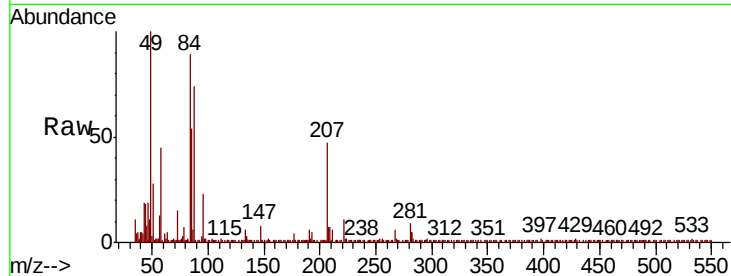
Tot Ion: 88 Resp: 1182

Ion Ratio Lower Upper

88 100

43 25.7 20.5 30.7

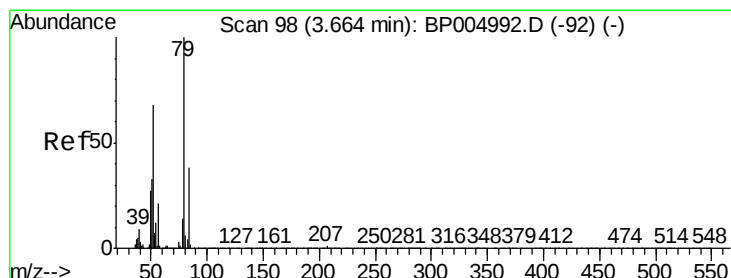
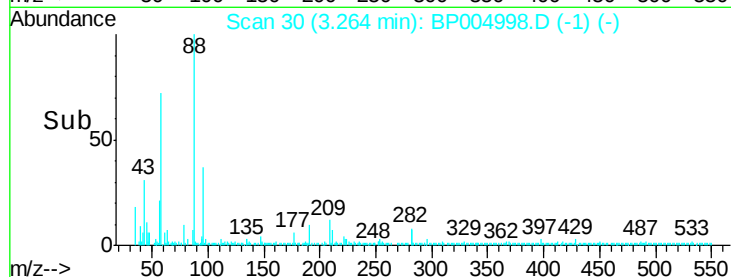
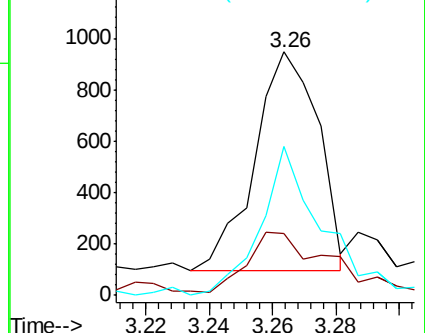
58 60.9 51.6 77.4



Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

Ion 58.00 (57.70 to 58.70): BP0



#5

Pyridine

Concen: 3.827 ng/uL

RT: 3.66 min Scan# 98

Delta R.T. -0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

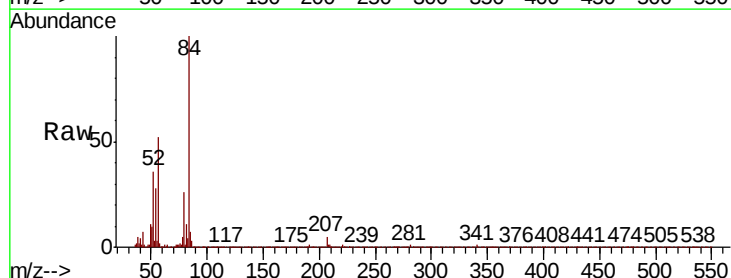
Tgt Ion: 79 Resp: 10218

Ion Ratio Lower Upper

79 100

52 138.2 57.2 85.8#

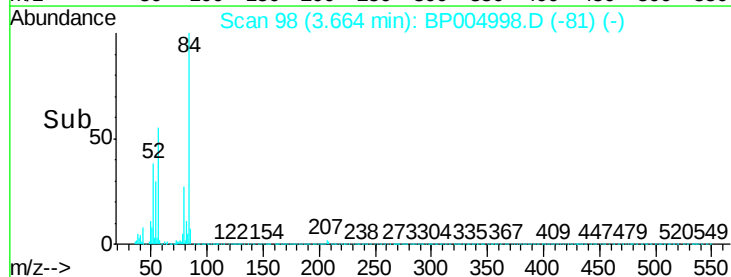
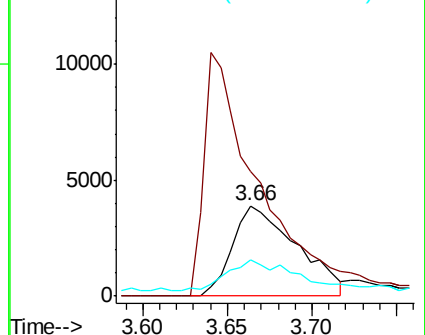
51 40.2 26.6 40.0#

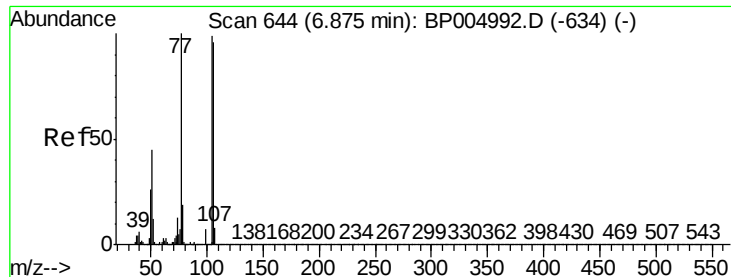


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0





#6

Benzaldehyde

Concen: 5.218 ng/ul

RT: 6.88 min Scan# 644

Delta R.T. -0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

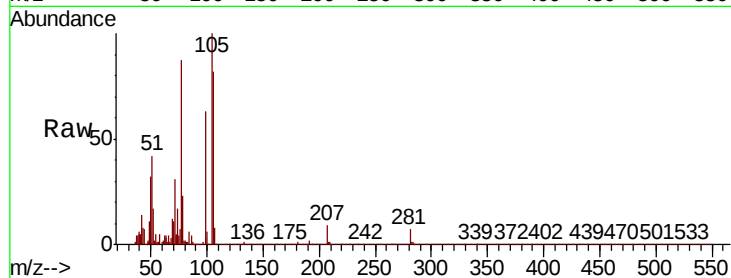
Tot Ion: 77 Resp: 9231

Ion Ratio Lower Upper

77 100

105 114.9 76.2 114.2#

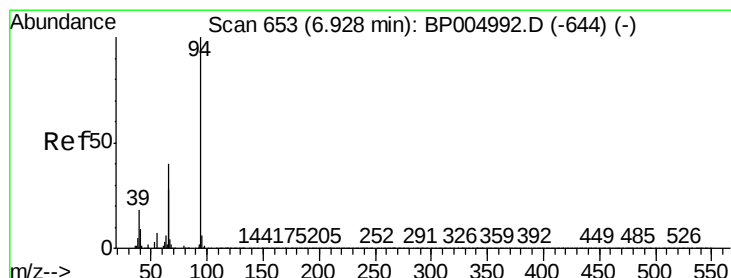
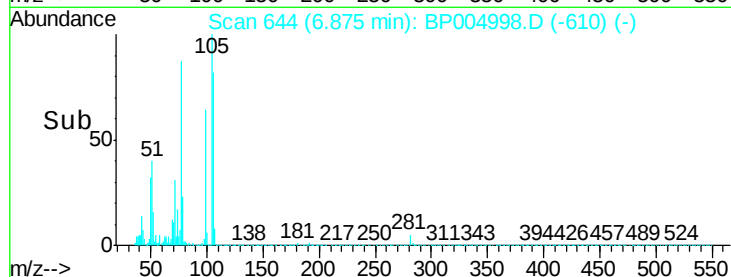
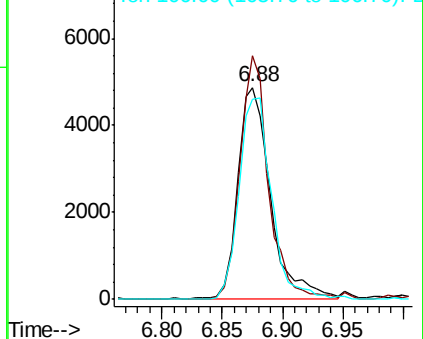
106 94.6 73.0 109.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#8

Phenol

Concen: 4.298 ng/ul

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

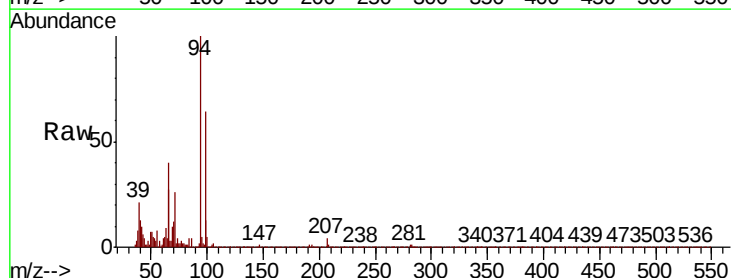
Tgt Ion: 94 Resp: 15261

Ion Ratio Lower Upper

94 100

65 27.3 23.9 35.9

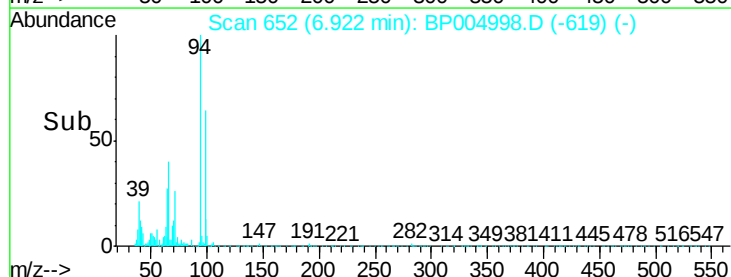
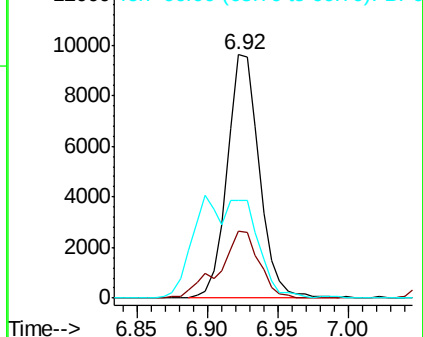
66 40.3 34.4 51.6

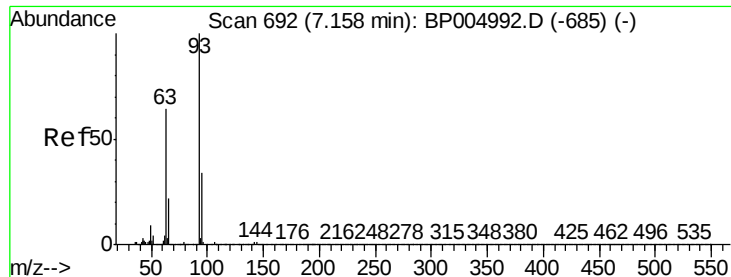


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

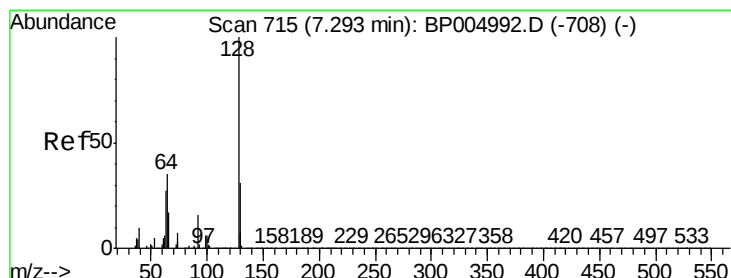
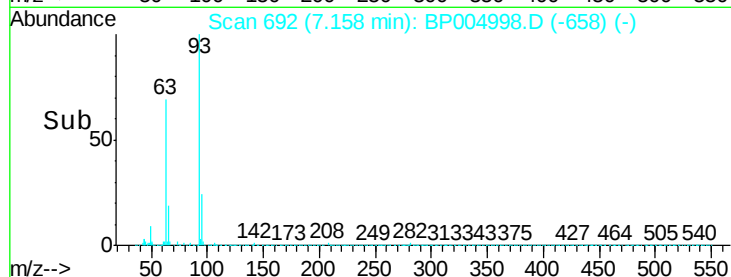
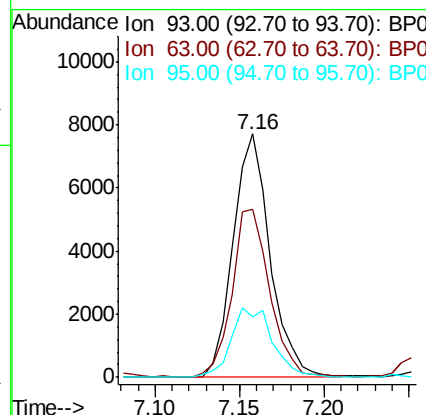
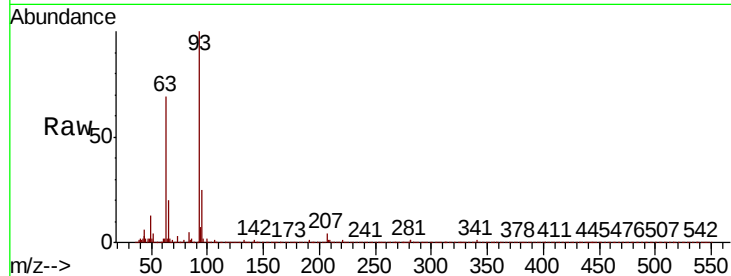




#10  
Bis(2-Chloroethyl)ether  
Concen: 4.360 ng/ul  
RT: 7.16 min Scan# 692  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

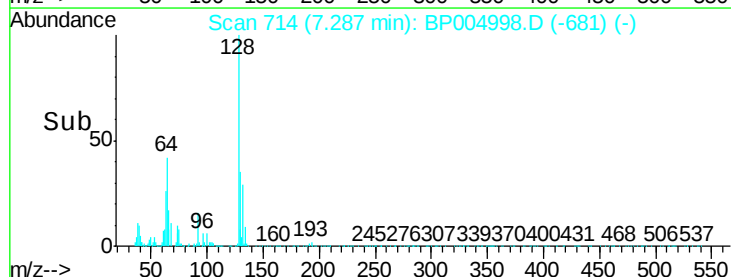
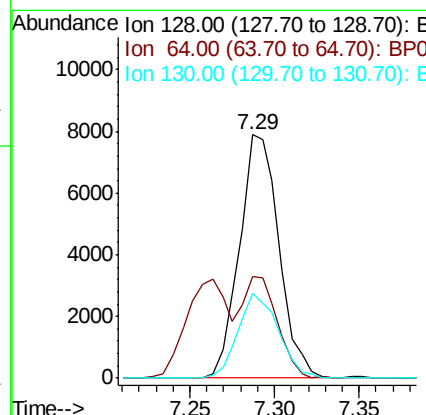
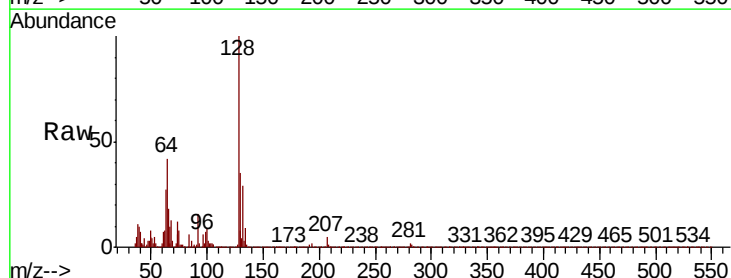
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

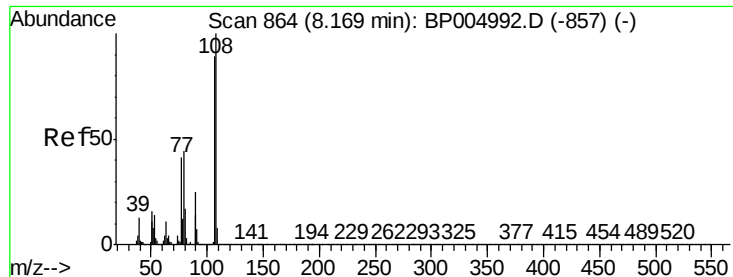
Tot Ion: 93 Resp: 11766  
Ion Ratio Lower Upper  
93 100  
63 68.9 56.1 84.1  
95 24.8 27.2 40.8#



#12  
2-Chlorophenol  
Concen: 4.505 ng/ul  
RT: 7.29 min Scan# 714  
Delta R.T. -0.01 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

Tgt Ion: 128 Resp: 12892  
Ion Ratio Lower Upper  
128 100  
64 41.7 33.9 50.9  
130 34.9 27.4 41.2

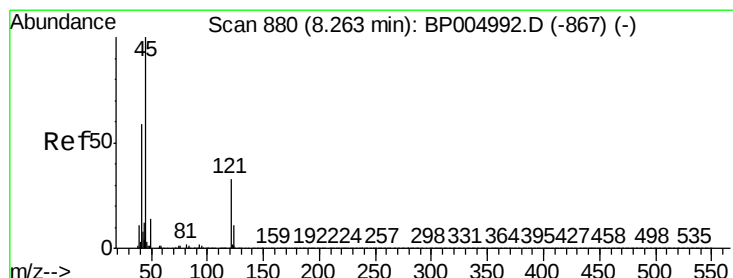
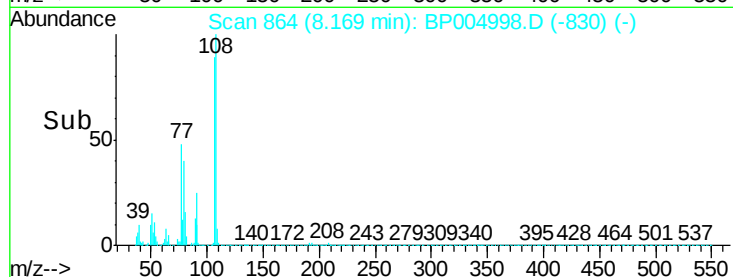
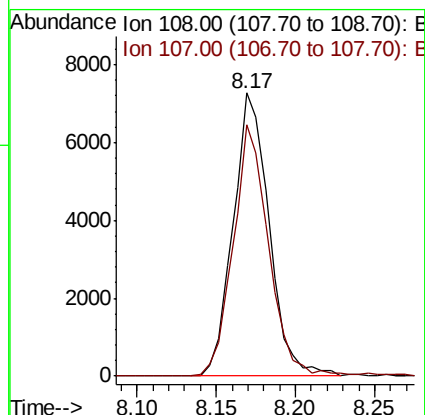
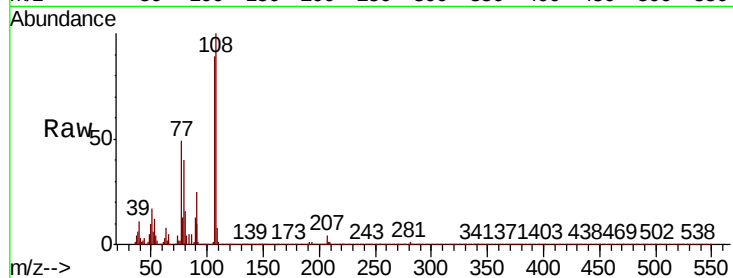




#13  
2-Methylphenol  
Concen: 4.217 ng/ul  
RT: 8.17 min Scan# 864  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

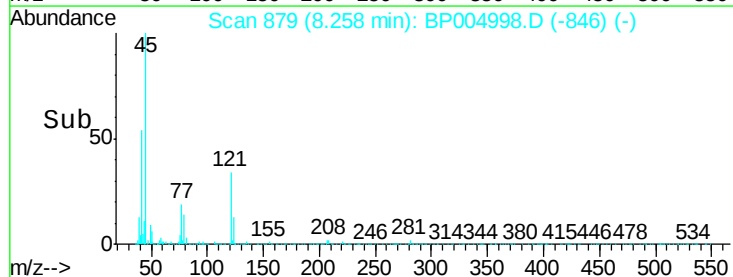
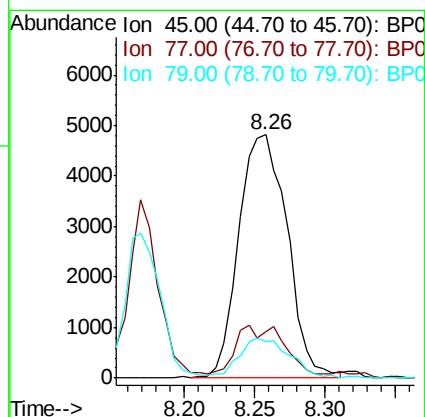
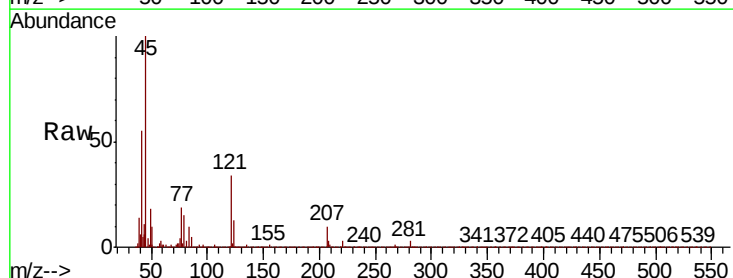
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

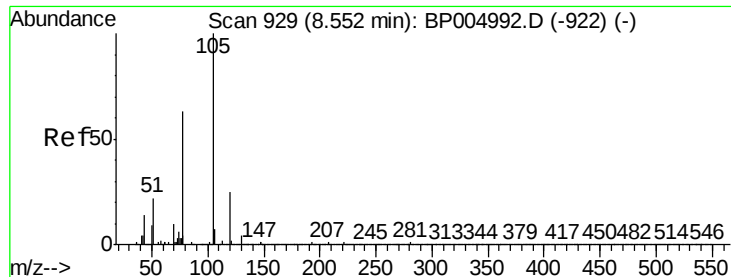
Tot Ion:108 Resp: 11403  
Ion Ratio Lower Upper  
108 100  
107 88.9 72.3 108.5



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.320 ng/ul  
RT: 8.26 min Scan# 879  
Delta R.T. -0.01 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

Tgt Ion: 45 Resp: 11583  
Ion Ratio Lower Upper  
45 100  
77 19.0 13.5 20.3  
79 14.7 10.0 15.0

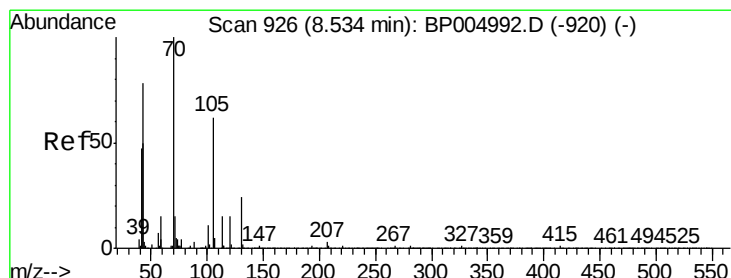
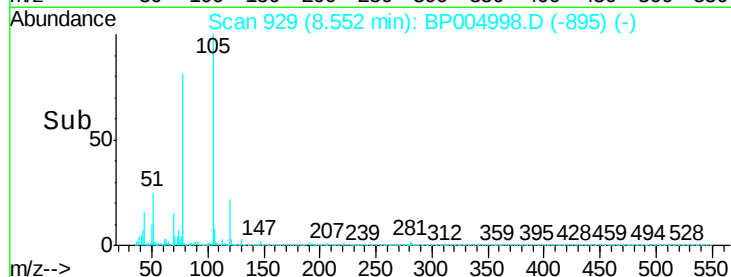
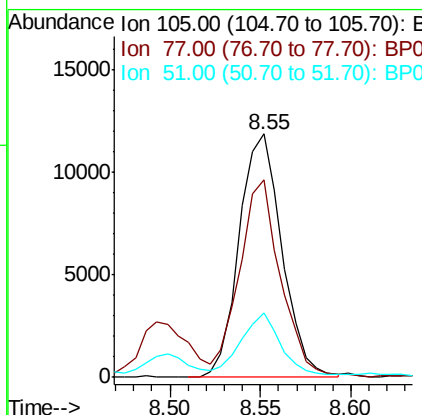
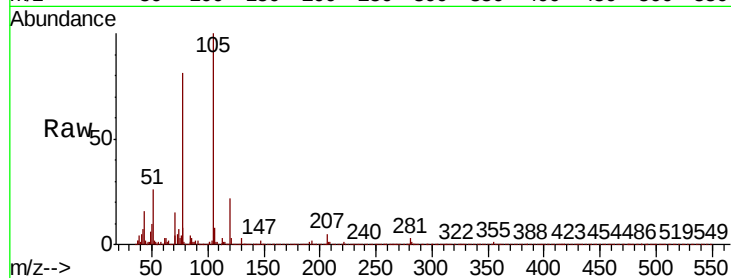




#16  
Acetophenone  
Concen: 4.372 ng/ul  
RT: 8.55 min Scan# 929  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

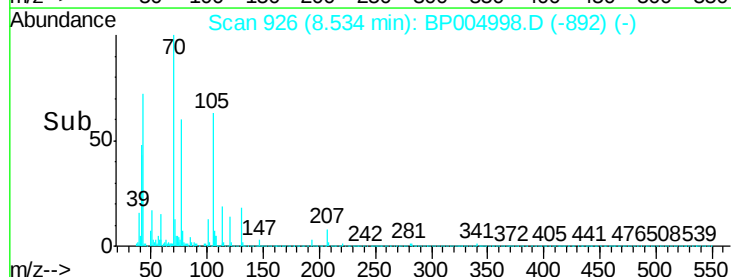
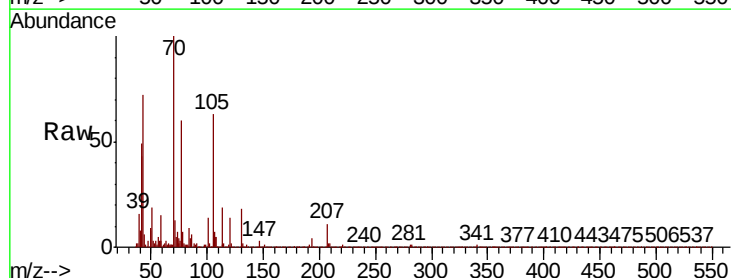
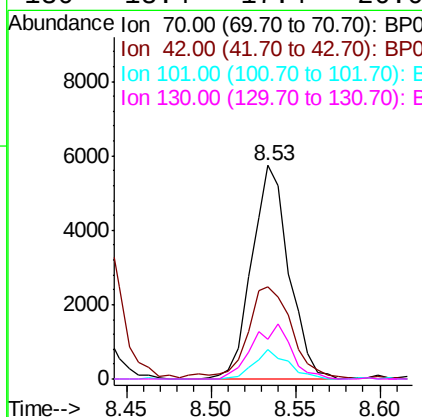
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

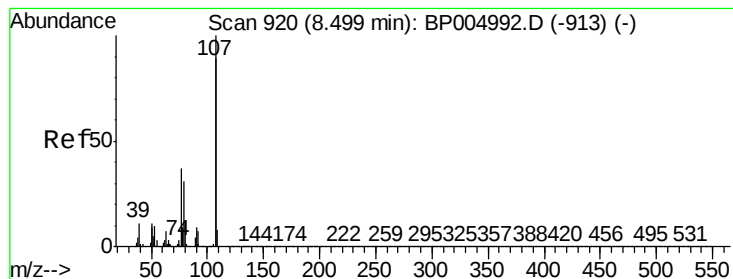
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 81.0  | 60.2  | 90.2  |
| 51      | 26.3  | 20.2  | 30.2  |



#17  
N-Nitroso-di-n-propylamine  
Concen: 4.266 ng/ul  
RT: 8.53 min Scan# 926  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 43.3  | 44.6  | 66.8# |
| 101     | 13.6  | 8.1   | 12.1# |
| 130     | 18.4  | 17.4  | 26.0  |





#18

4-Methylphenol

Concen: 4.660 ng/ul

RT: 8.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

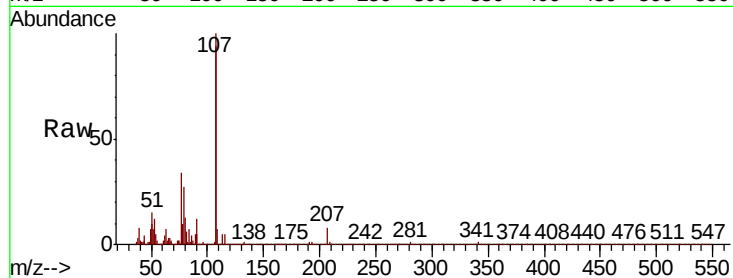
MDL-MED-SOIL-QT2-2021-03

Tot Ion:108 Resp: 13416

Ion Ratio Lower Upper

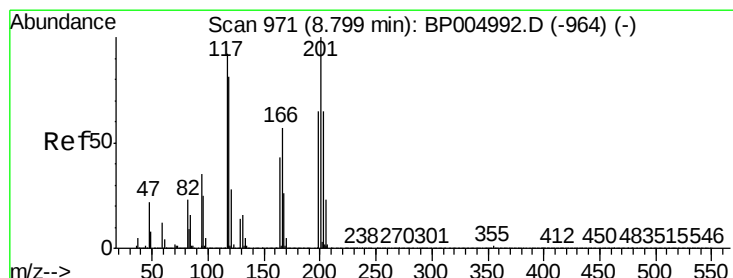
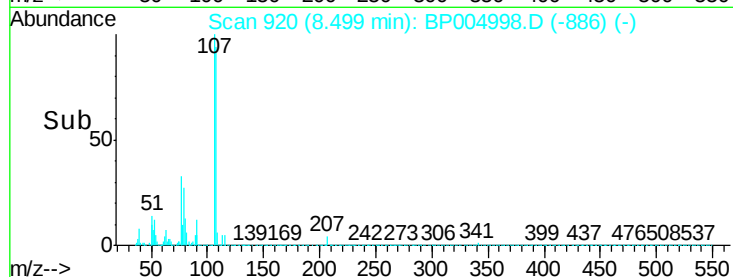
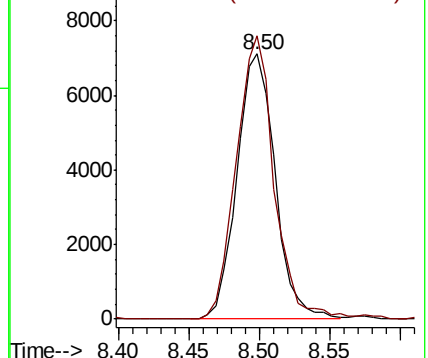
108 100

107 106.9 81.9 122.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#19

Hexachloroethane

Concen: 4.434 ng/ul

RT: 8.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

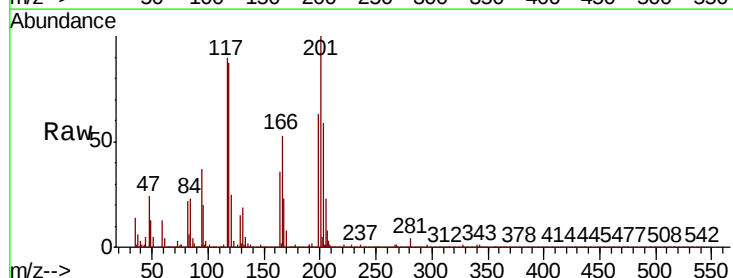
Tgt Ion:117 Resp: 5486

Ion Ratio Lower Upper

117 100

201 111.2 93.8 140.8

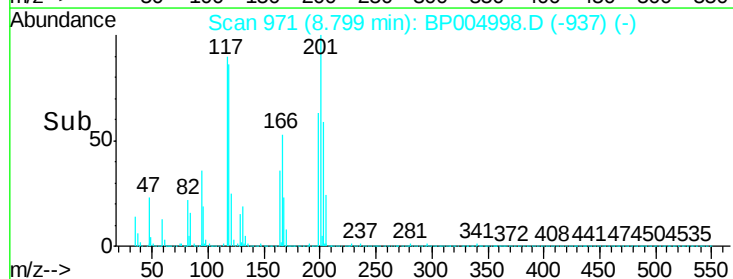
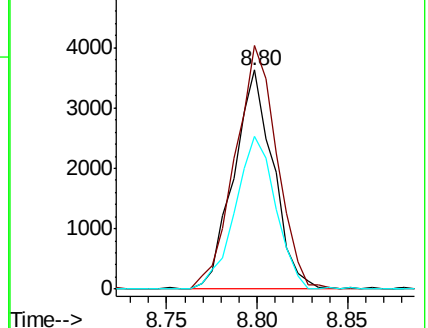
199 69.8 57.3 85.9

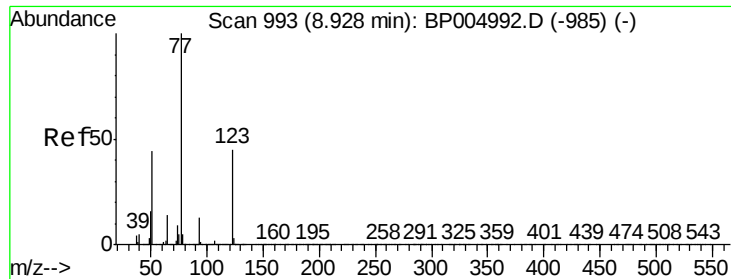


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

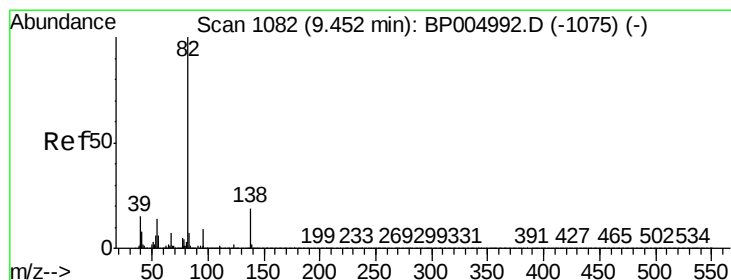
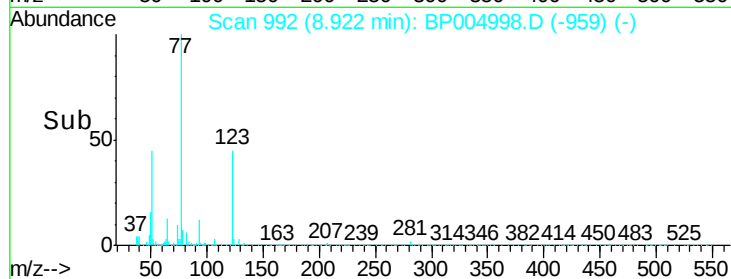
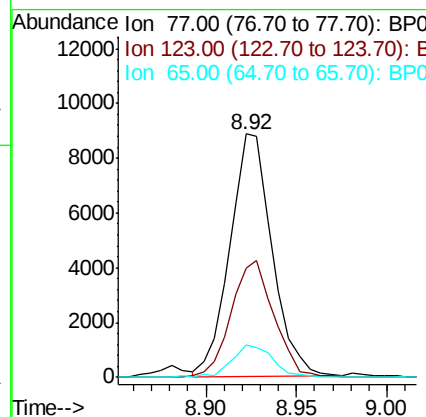
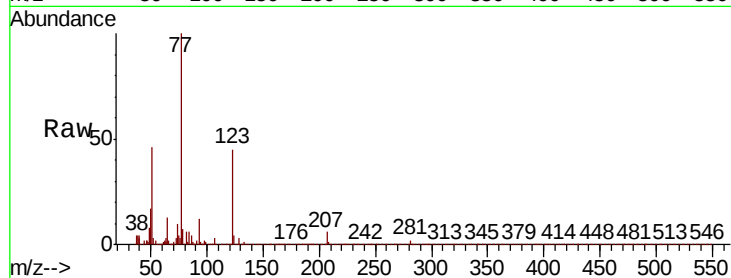




#22  
Nitrobenzene  
Concen: 4.506 ng/ul  
RT: 8.92 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

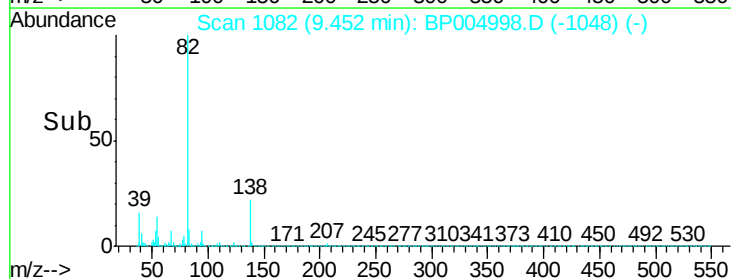
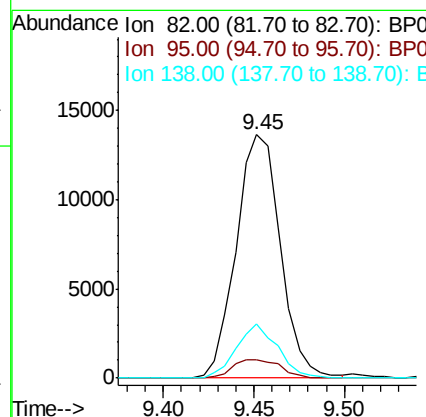
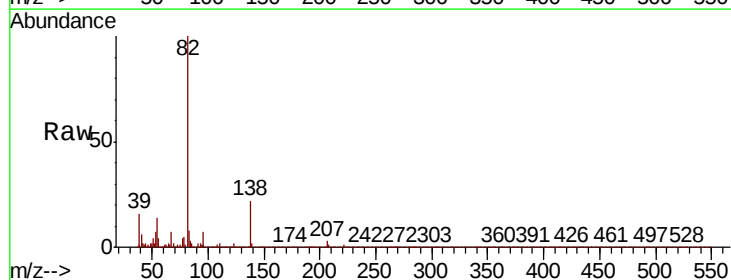
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

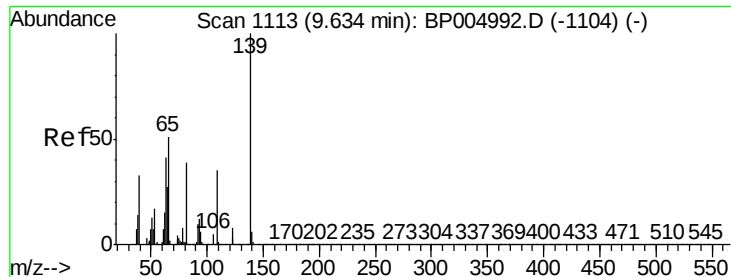
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 45.0  | 37.4  | 56.0  |
| 65      | 13.3  | 10.3  | 15.5  |



#23  
Isophorone  
Concen: 4.095 ng/ul  
RT: 9.45 min Scan# 1082  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.4   | 6.3   | 9.5   |
| 138     | 22.3  | 14.6  | 21.8# |





#25

2-Nitrophenol

Concen: 4.922 ng/ul

RT: 9.63 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

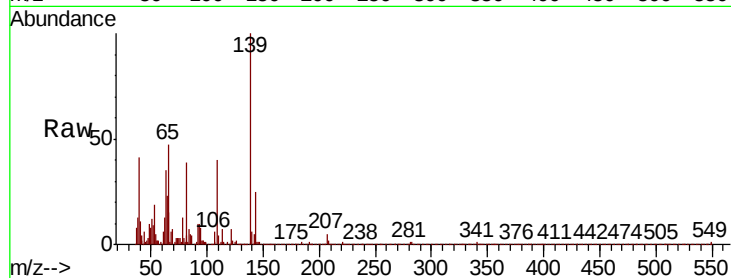
Tot Ion:139 Resp: 7570

Ion Ratio Lower Upper

139 100

65 47.5 41.0 61.4

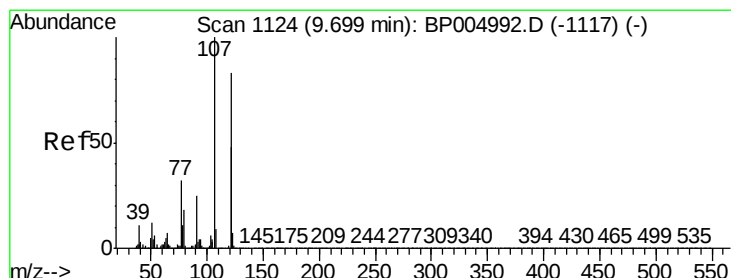
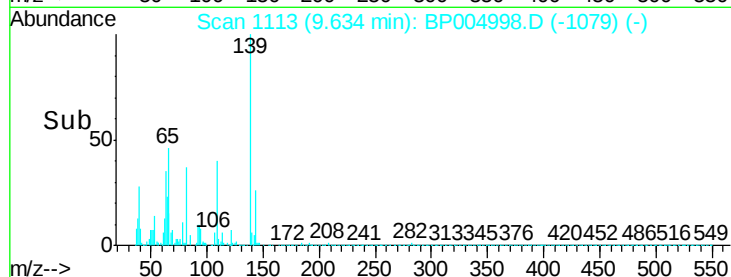
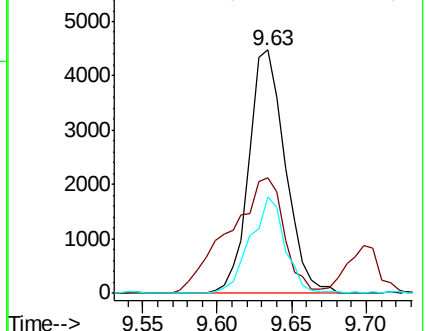
109 39.5 27.0 40.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BPO

Ion 109.00 (108.70 to 109.70): E



#26

2,4-Dimethylphenol

Concen: 4.576 ng/ul

RT: 9.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

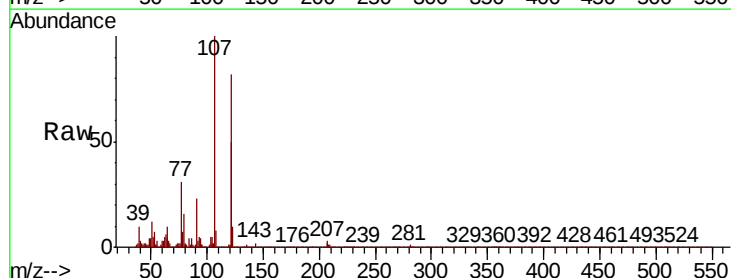
Tgt Ion:107 Resp: 14746

Ion Ratio Lower Upper

107 100

121 49.6 38.8 58.2

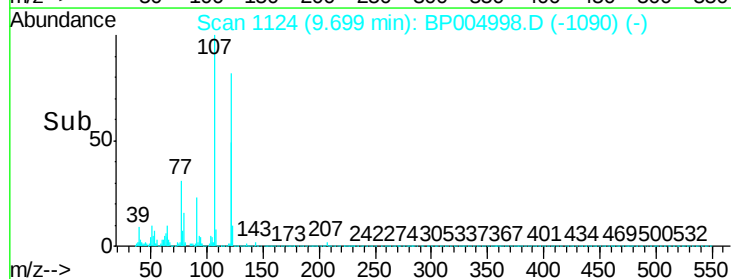
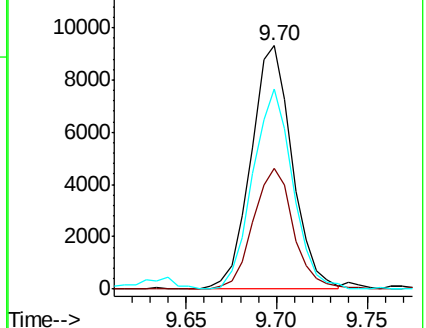
122 82.3 65.3 97.9

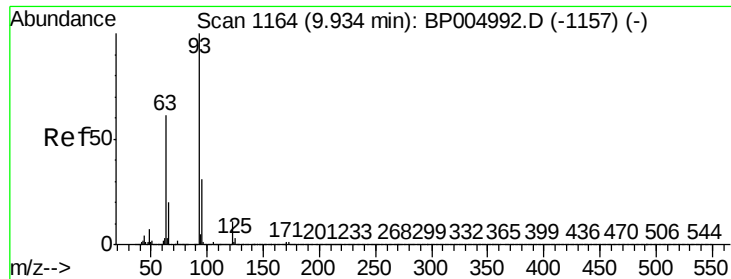


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Bis(2-Chloroethoxy)methane

Concen: 4.377 ng/ul

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

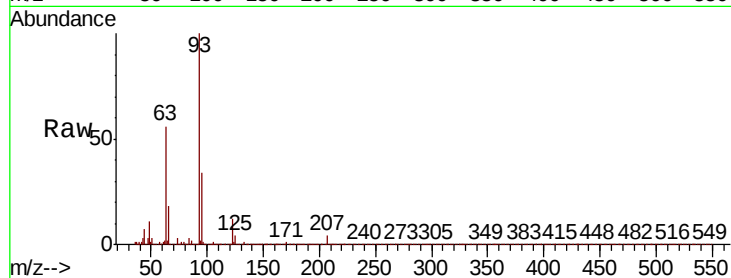
Tot Ion: 93 Resp: 14685

Ion Ratio Lower Upper

93 100

95 33.9 26.4 39.6

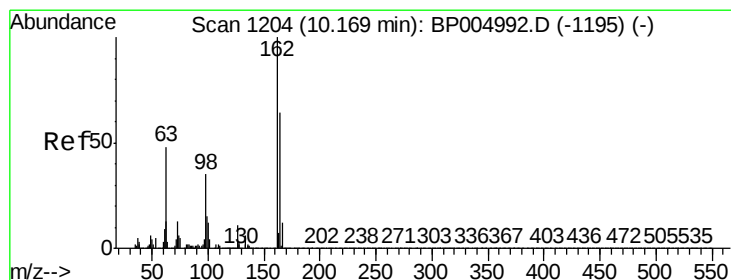
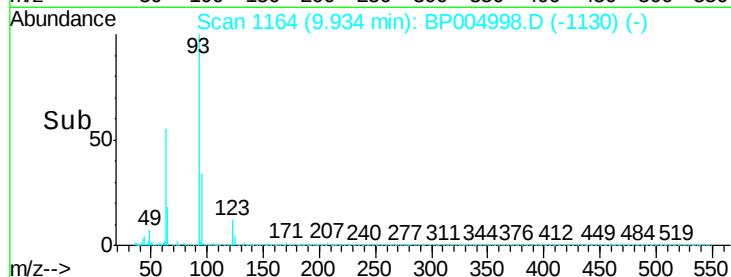
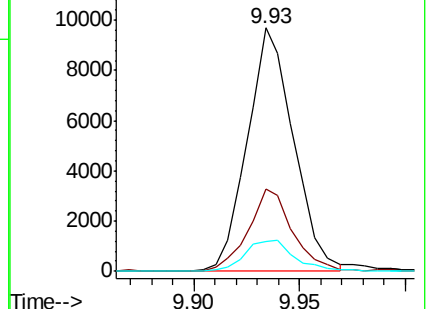
123 12.1 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): BP0



#29

2,4-Dichlorophenol

Concen: 4.638 ng/ul

RT: 10.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

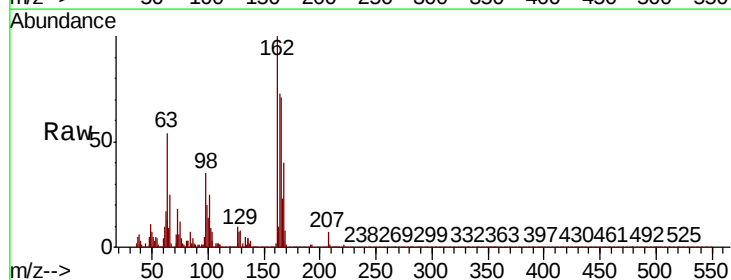
Tgt Ion: 162 Resp: 12387

Ion Ratio Lower Upper

162 100

164 73.3 52.6 79.0

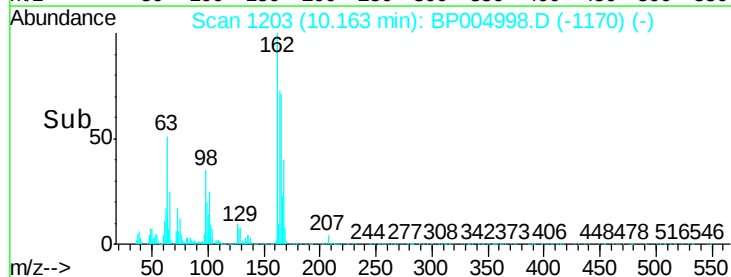
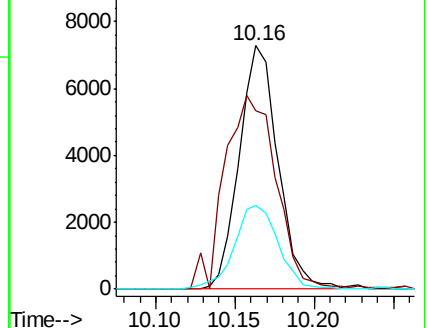
98 34.6 26.2 39.4

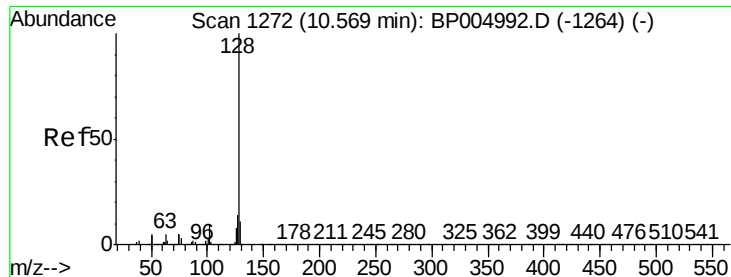


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0

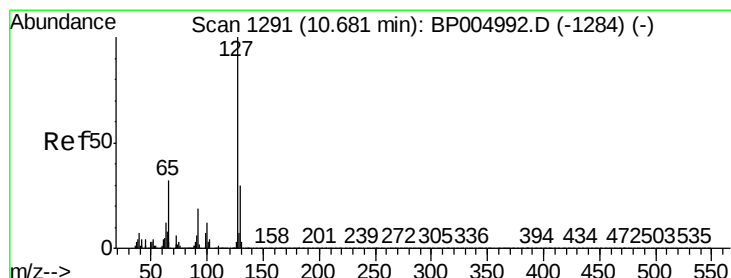
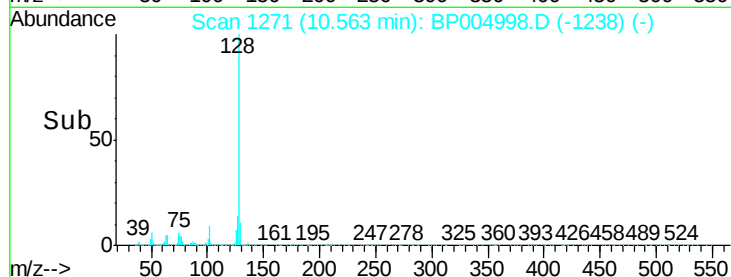
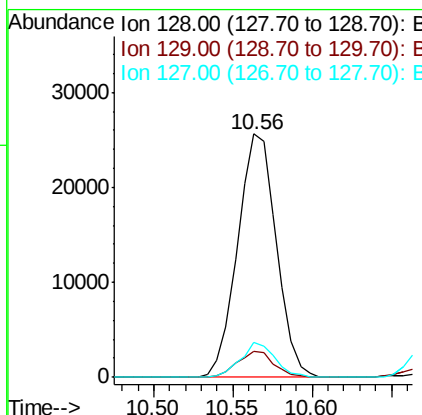
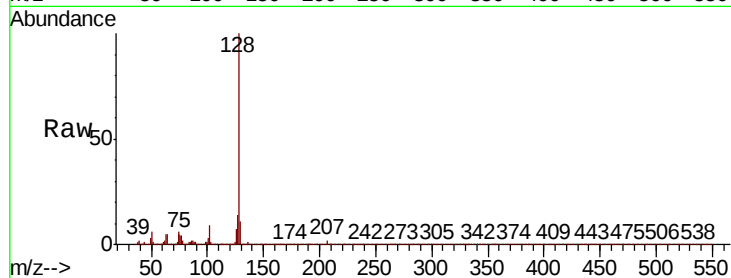




#30  
Naphthalene  
Concen: 4.821 ng/ul  
RT: 10.56 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

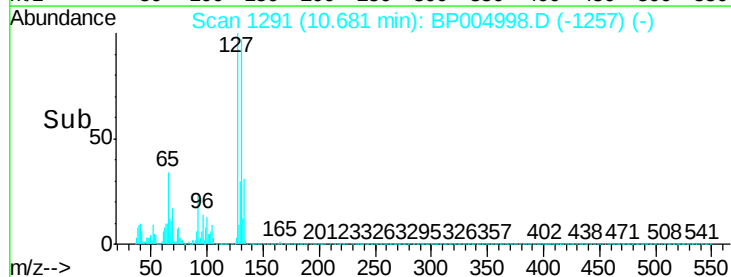
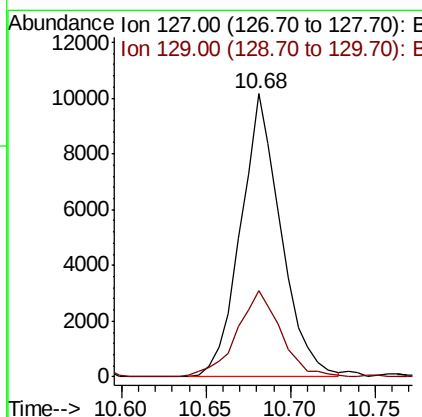
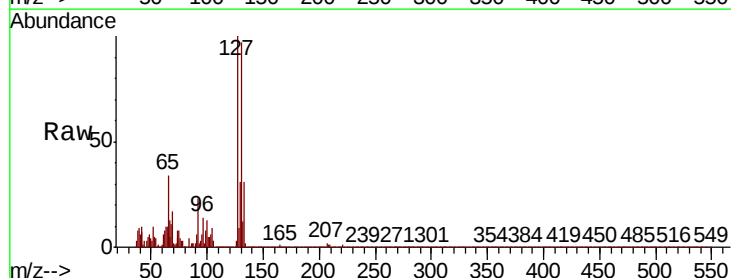
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

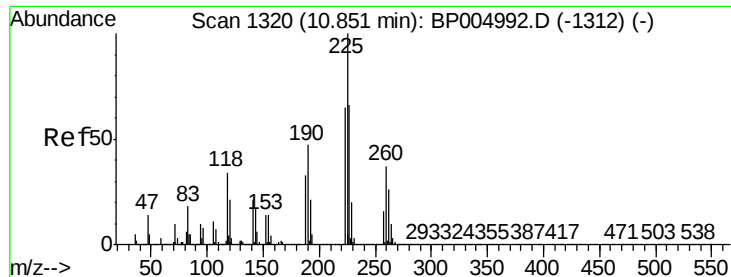
Tot Ion:128 Resp: 43371  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.9 13.3  
127 14.4 11.0 16.4



#32  
4-Chloroaniline  
Concen: 4.506 ng/ul  
RT: 10.68 min Scan# 1291  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

Tgt Ion:127 Resp: 16827  
Ion Ratio Lower Upper  
127 100  
129 30.5 25.3 37.9

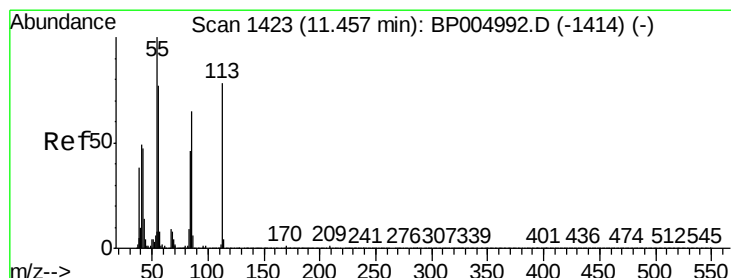
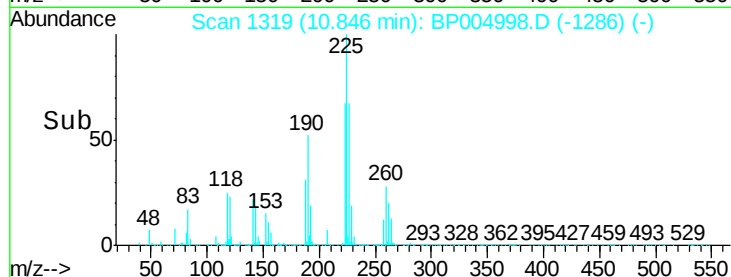
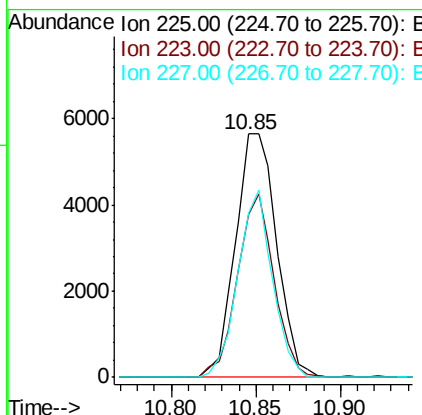
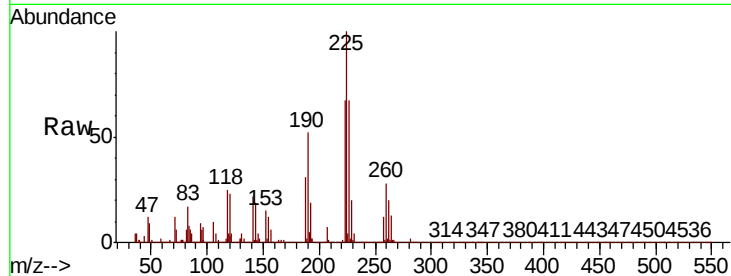




#33  
Hexachlorobutadiene  
Concen: 4.748 ng/ul  
RT: 10.85 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

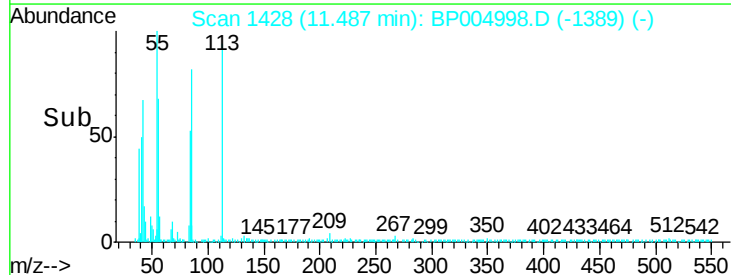
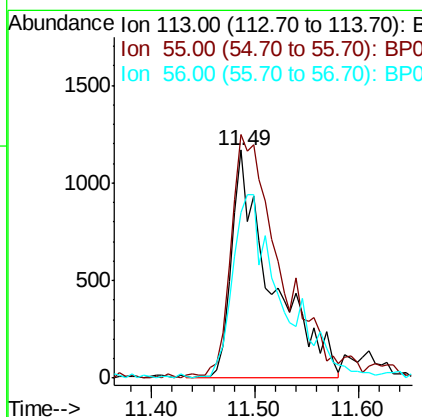
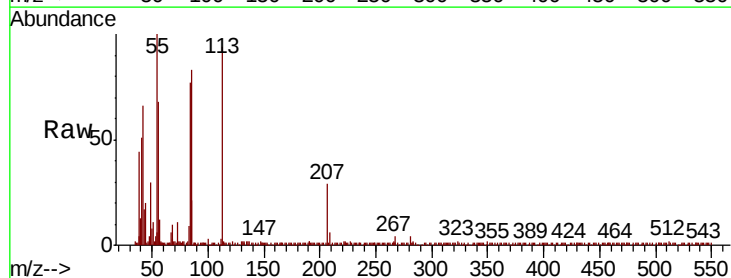
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

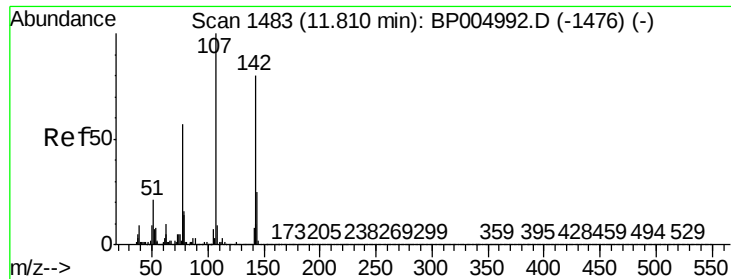
Tot Ion:225 Resp: 9588  
Ion Ratio Lower Upper  
225 100  
223 70.2 52.1 78.1  
227 67.5 52.8 79.2



#34  
Caprolactam  
Concen: 3.575 ng/ul m  
RT: 11.49 min Scan# 1428  
Delta R.T. 0.03 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

Tgt Ion:113 Resp: 3153  
Ion Ratio Lower Upper  
113 100  
55 106.8 88.6 132.8  
56 72.5 80.6 121.0#

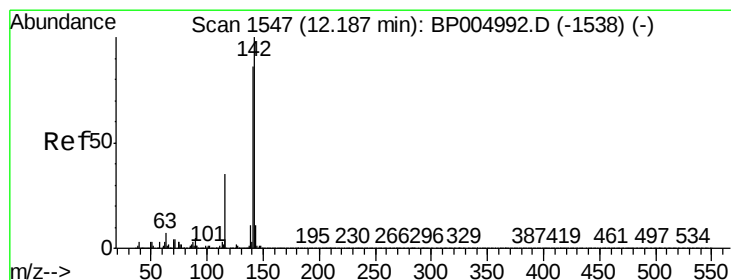
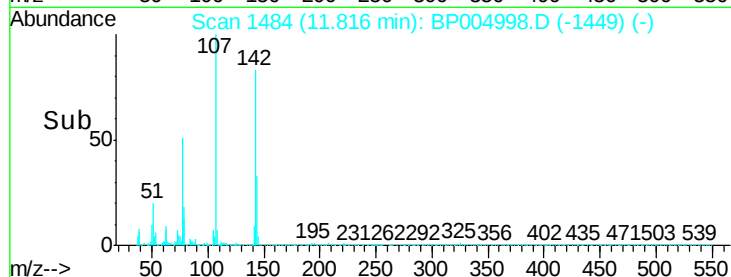
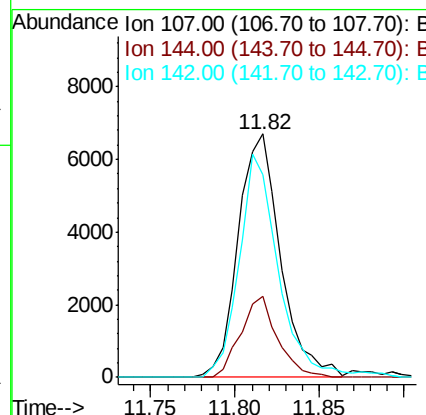
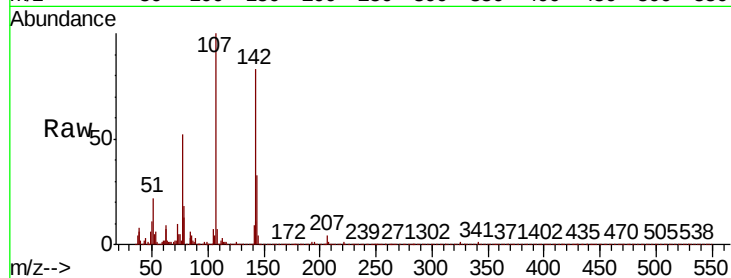




#35  
 4-Chloro-3-methylphenol  
 Concen: 4.119 ng/ul  
 RT: 11.82 min Scan# 1484  
 Delta R.T. 0.01 min  
 Lab File: BP004998.D  
 Acq: 18 Mar 2021 15:07

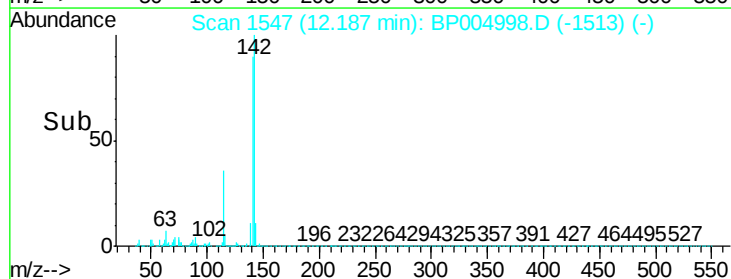
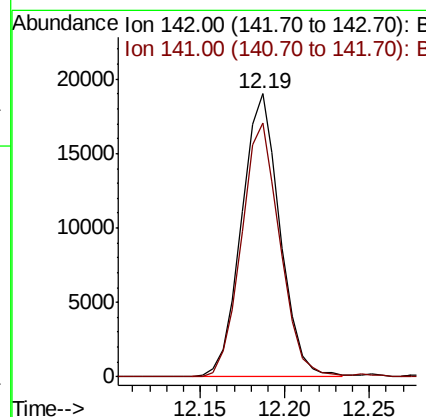
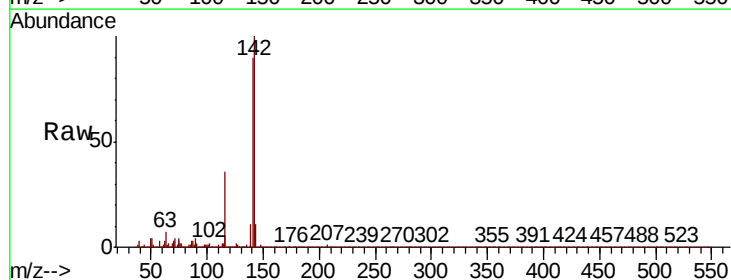
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-MED-SOIL-QT2-2021-03

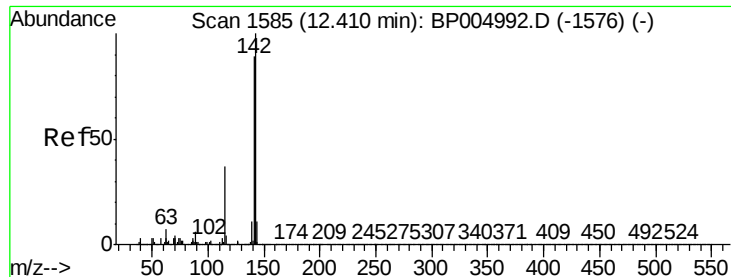
Tot Ion:107 Resp: 11687  
 Ion Ratio Lower Upper  
 107 100  
 144 33.3 19.0 28.6#  
 142 83.3 61.9 92.9



#36  
 2-Methylnaphthalene  
 Concen: 4.701 ng/ul  
 RT: 12.19 min Scan# 1547  
 Delta R.T. -0.00 min  
 Lab File: BP004998.D  
 Acq: 18 Mar 2021 15:07

Tgt Ion:142 Resp: 29715  
 Ion Ratio Lower Upper  
 142 100  
 141 89.7 72.0 108.0

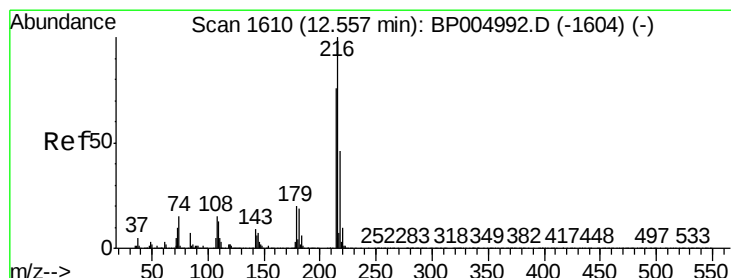
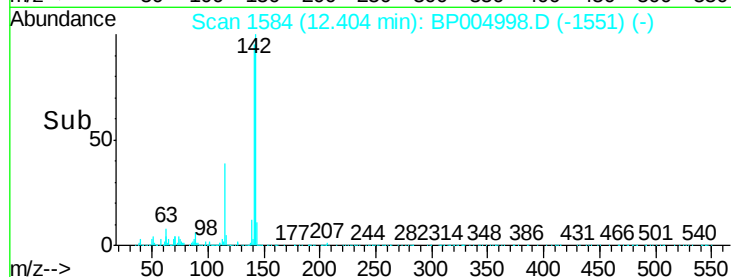
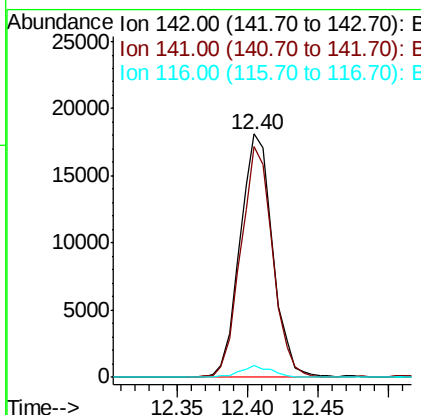
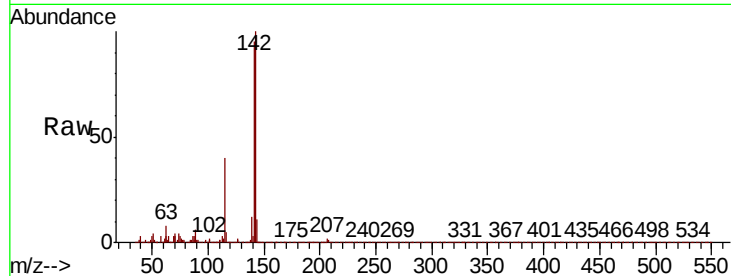




#37  
 1-Methylnaphthalene  
 Concen: 4.603 ng/ul  
 RT: 12.40 min Scan# 1584  
 Delta R.T. -0.01 min  
 Lab File: BP004998.D  
 Acq: 18 Mar 2021 15:07

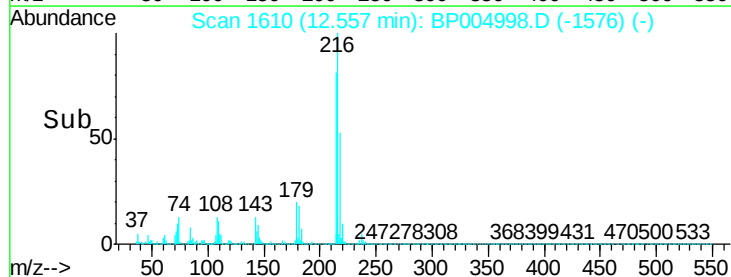
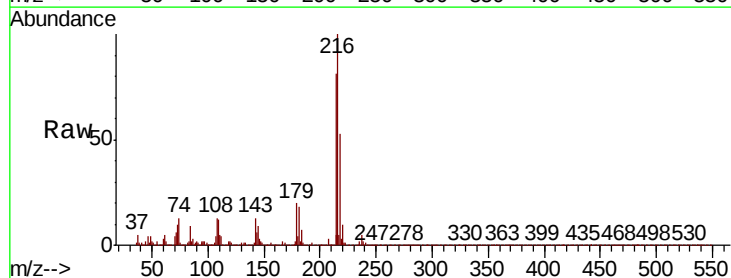
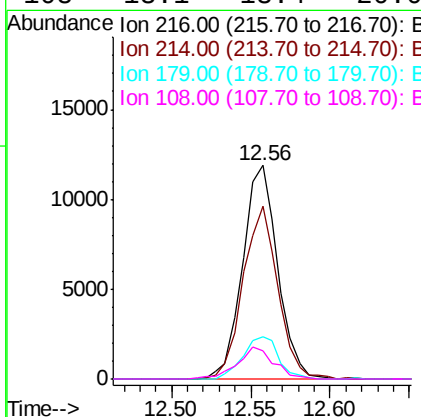
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-MED-SOIL-QT2-2021-03

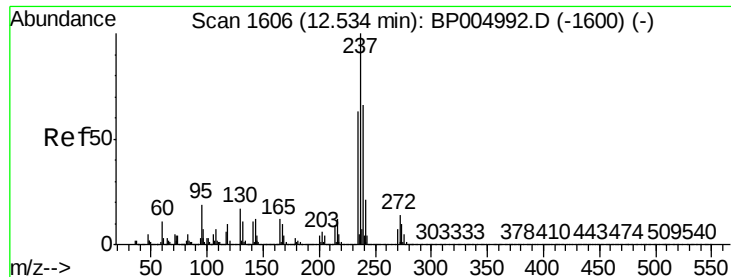
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.1  | 73.0  | 109.6 |
| 116     | 4.7   | 4.1   | 6.1   |



#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 4.695 ng/ul  
 RT: 12.56 min Scan# 1610  
 Delta R.T. -0.00 min  
 Lab File: BP004998.D  
 Acq: 18 Mar 2021 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 80.7  | 63.2  | 94.8  |
| 179     | 19.8  | 16.3  | 24.5  |
| 108     | 13.1  | 13.4  | 20.0  |





#40

Hexachlorocyclopentadiene

Concen: 3.856 ng/ul

RT: 12.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

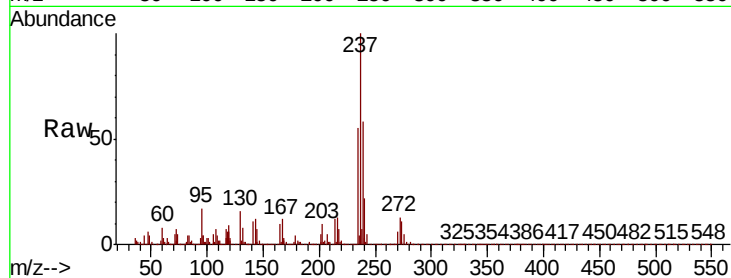
Tot Ion:237 Resp: 9478

Ion Ratio Lower Upper

237 100

235 54.5 49.8 74.8

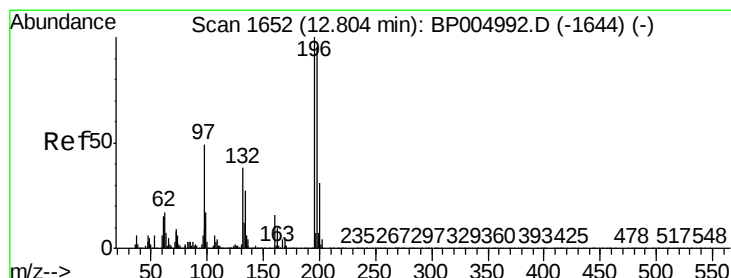
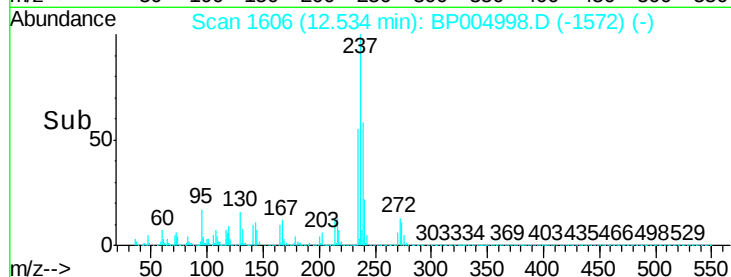
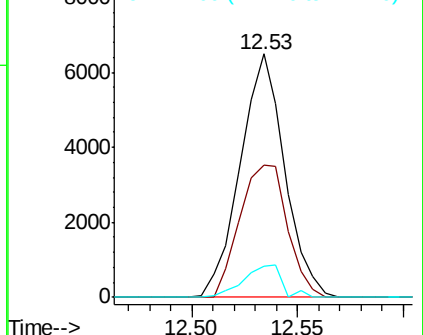
272 12.7 10.6 16.0



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#41

2,4,6-Trichlorophenol

Concen: 4.465 ng/ul

RT: 12.80 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

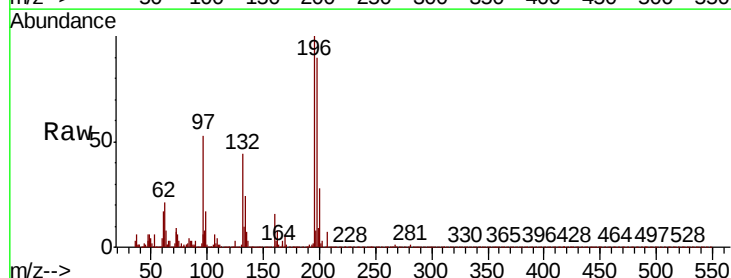
Tgt Ion:196 Resp: 10719

Ion Ratio Lower Upper

196 100

198 89.9 79.0 118.4

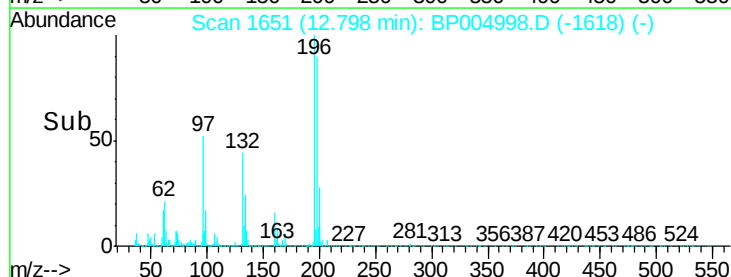
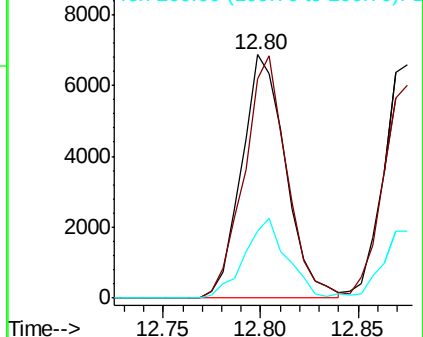
200 27.5 24.5 36.7

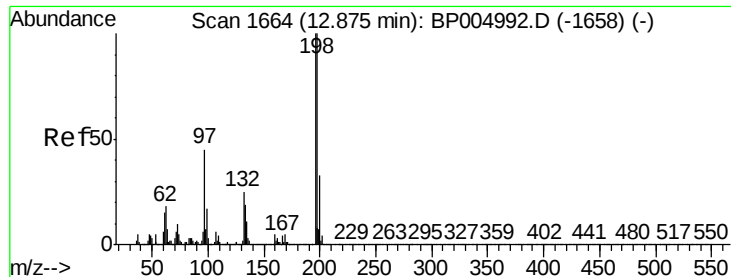


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#42

2,4,5-Trichlorophenol

Concen: 4.027 ng/ul

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

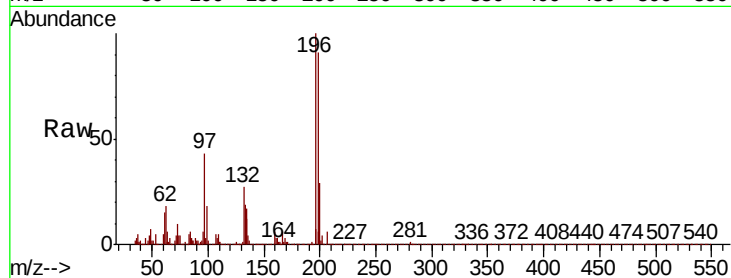
Tot Ion:196 Resp: 10423

Ion Ratio Lower Upper

196 100

198 91.3 78.3 117.5

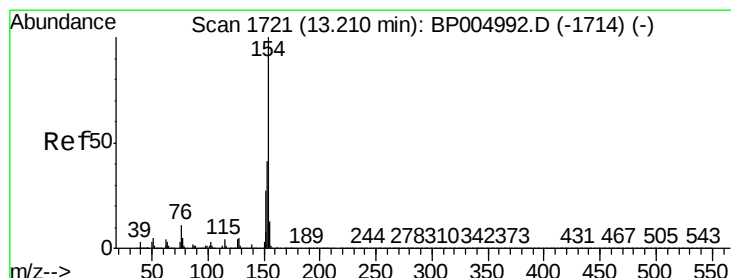
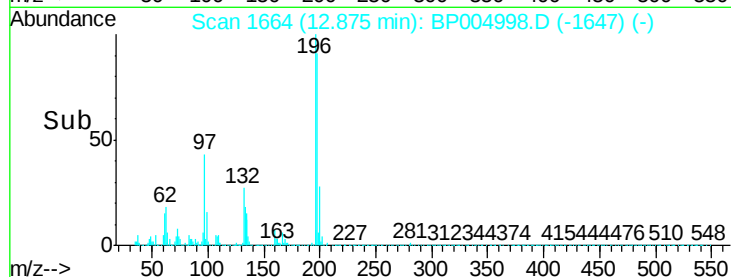
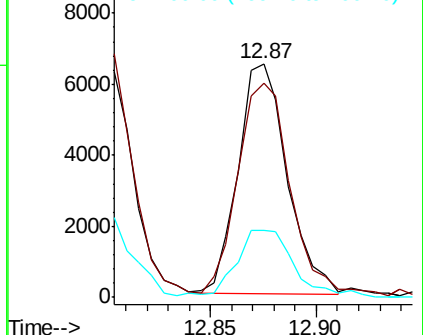
200 28.8 27.4 41.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

1,1'-Biphenyl

Concen: 4.630 ng/ul

RT: 13.20 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

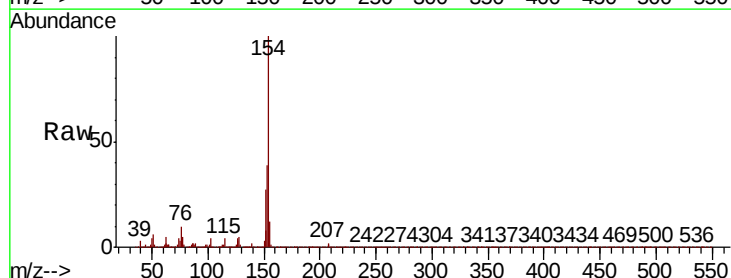
Tgt Ion:154 Resp: 39702

Ion Ratio Lower Upper

154 100

153 39.2 32.5 48.7

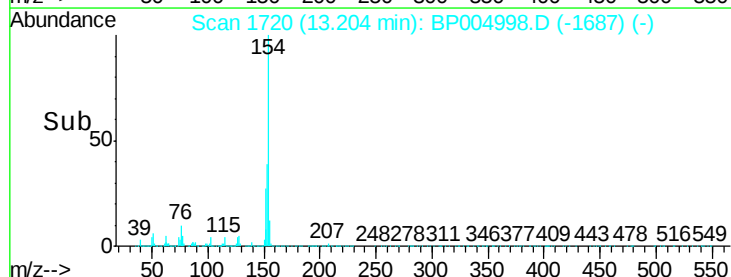
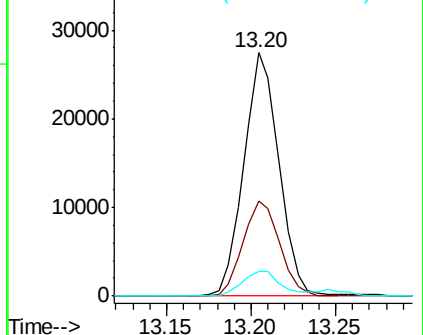
76 10.1 10.3 15.5#

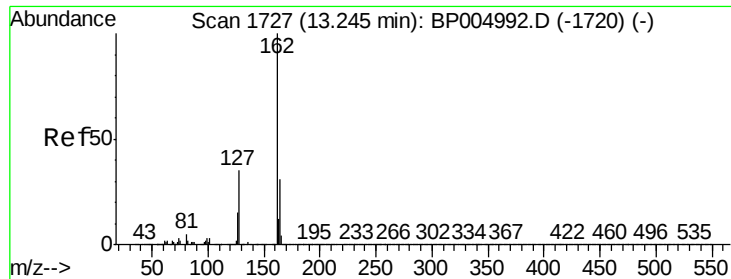


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BP0

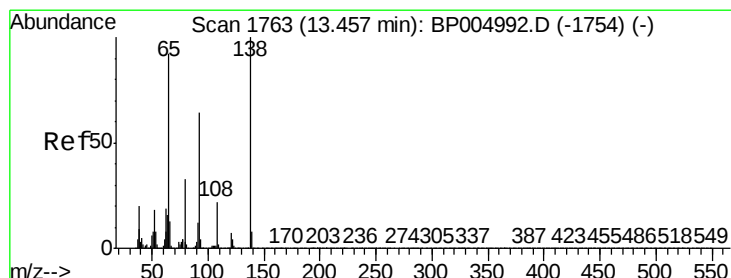
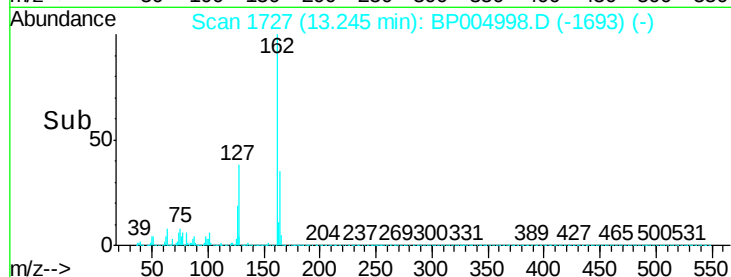
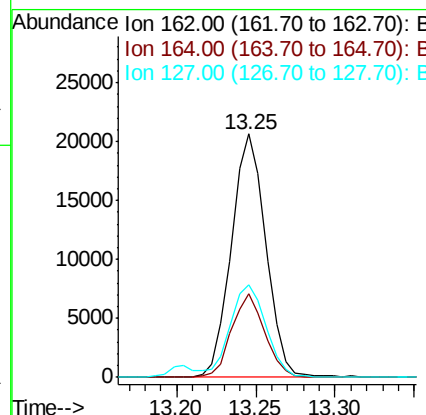
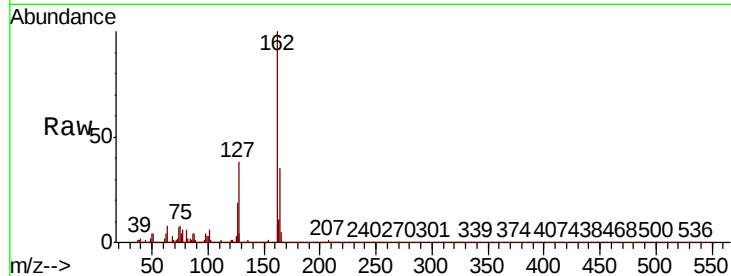




#44  
2-Chloronaphthalene  
Concen: 4.614 ng/ul  
RT: 13.25 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

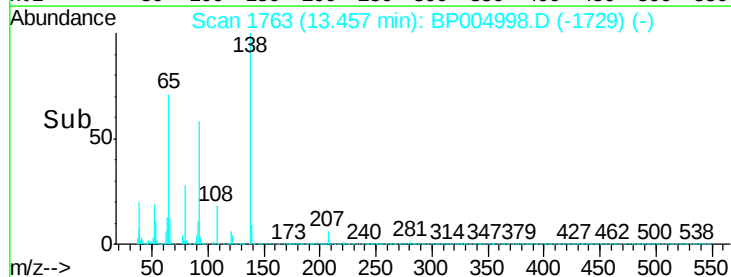
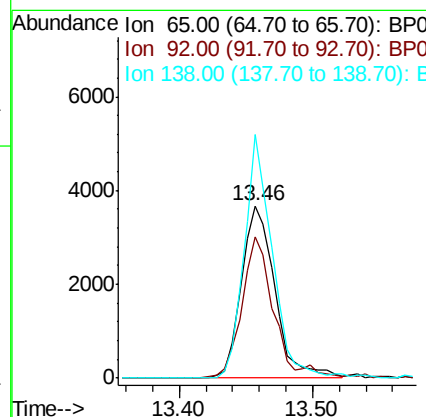
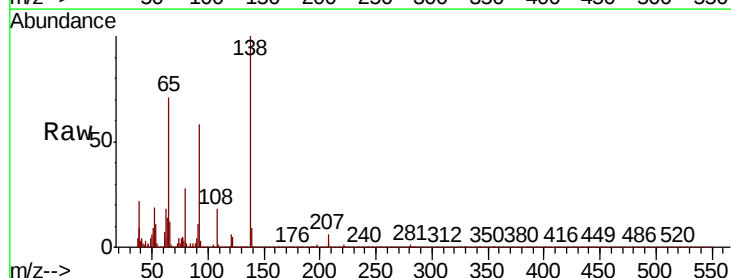
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

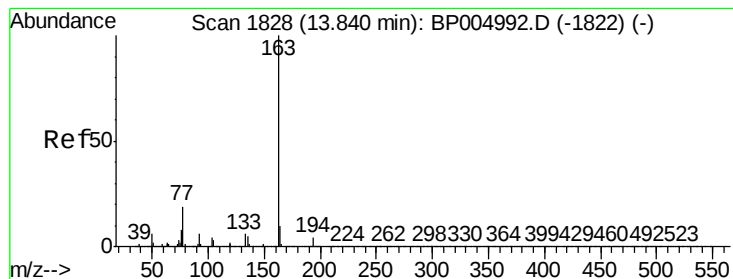
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 34.6  | 26.3  | 39.5  |
| 127     | 38.2  | 33.7  | 50.5  |



#45  
2-Nitroaniline  
Concen: 3.573 ng/ul  
RT: 13.46 min Scan# 1763  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 82.3  | 53.8  | 80.6#  |
| 138     | 141.4 | 81.2  | 121.8# |





#47

Dimethylphthalate

Concen: 4.661 ng/ul

RT: 13.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

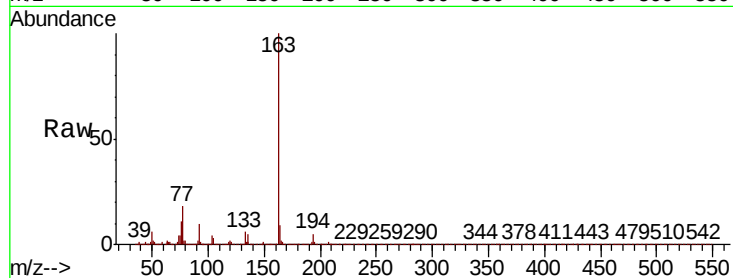
Tot Ion:163 Resp: 39458

Ion Ratio Lower Upper

163 100

194 5.3 4.1 6.1

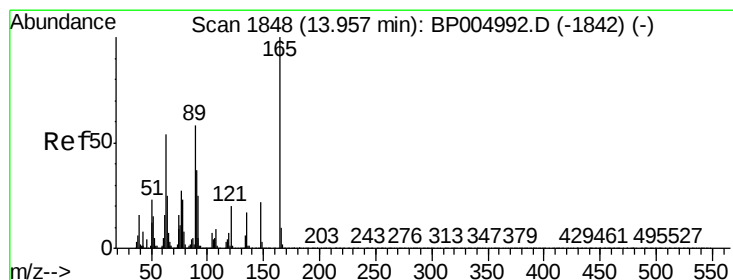
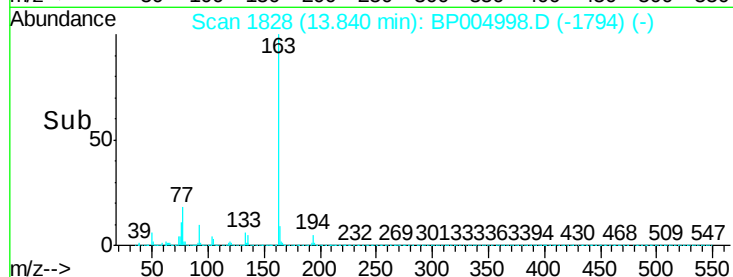
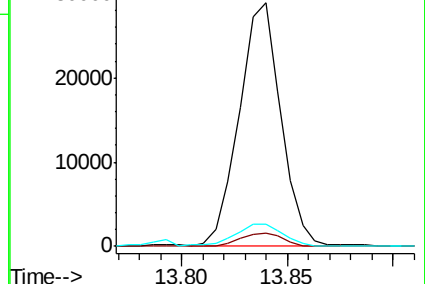
164 9.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2,6-Dinitrotoluene

Concen: 4.376 ng/ul

RT: 13.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

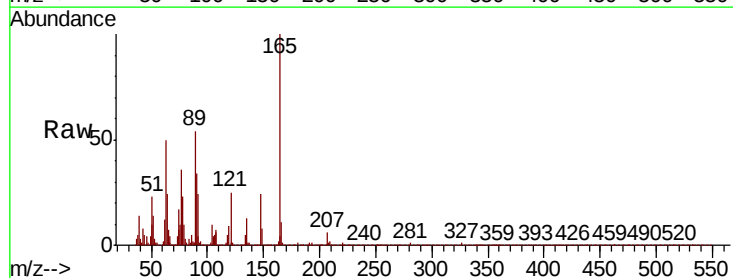
Tgt Ion:165 Resp: 7505

Ion Ratio Lower Upper

165 100

89 53.8 51.8 77.8

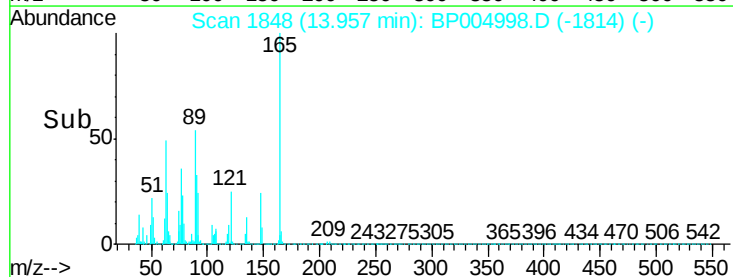
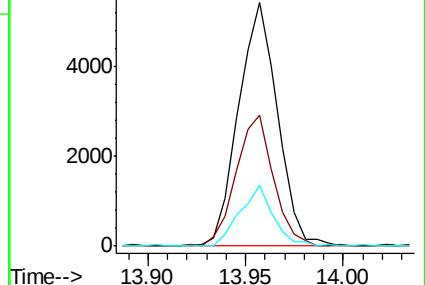
121 26.4 15.9 23.9#

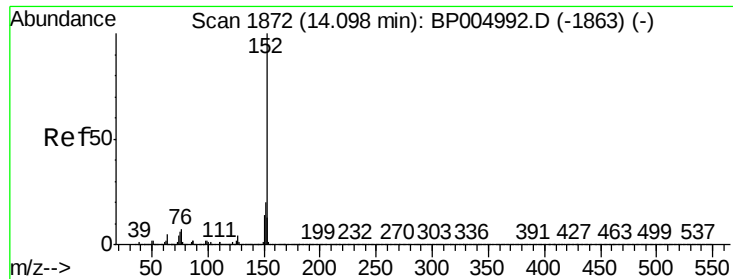


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BP0

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 4.634 ng/ul

RT: 14.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

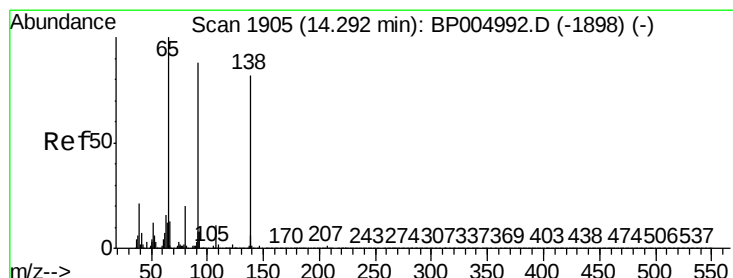
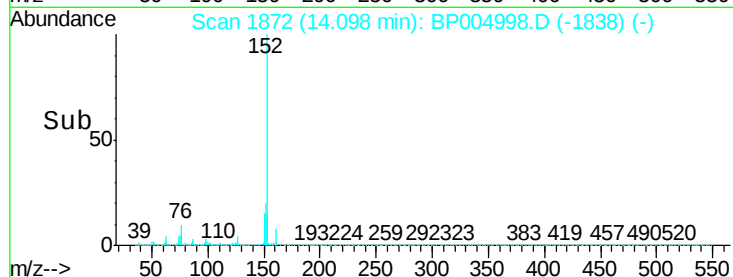
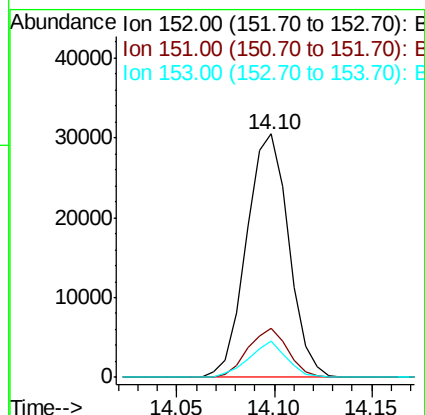
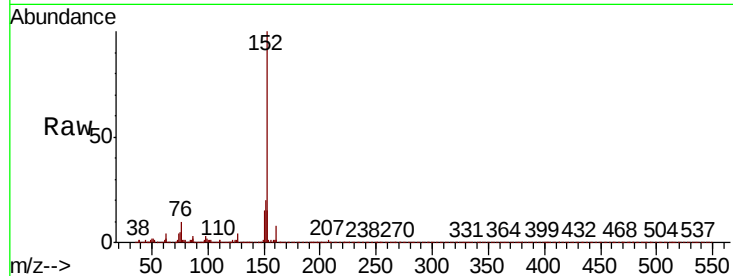
Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 152   | Resp: | 45681 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.0  | 16.7  | 25.1  |
| 153      | 14.7  | 9.6   | 14.4# |



#51

3-Nitroaniline

Concen: 3.974 ng/ul

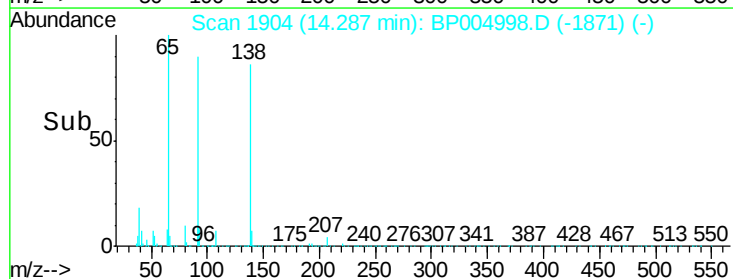
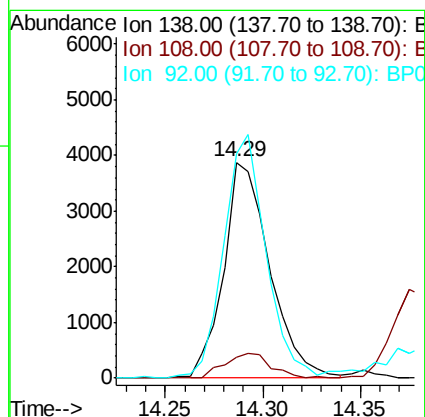
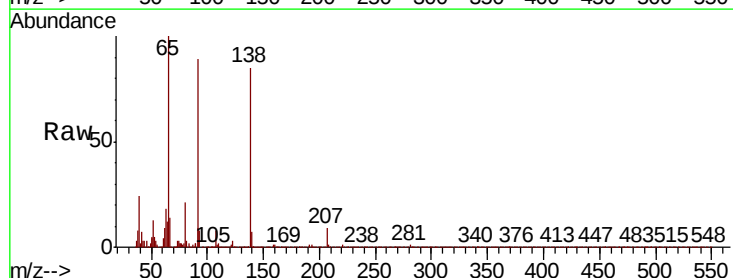
RT: 14.29 min Scan# 1904

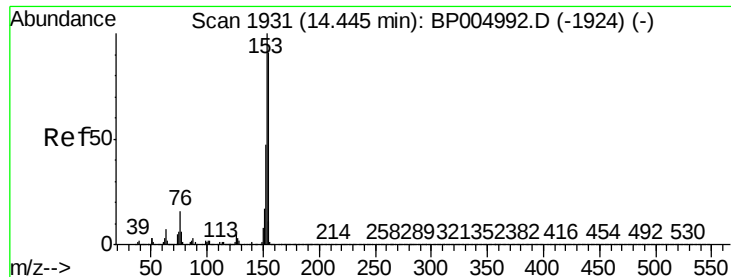
Delta R.T. -0.01 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 138   | Resp: | 6330  |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 108      | 9.5   | 10.0  | 15.0# |
| 92       | 104.1 | 95.8  | 143.6 |





#52

Acenaphthene

Concen: 4.550 ng/ul

RT: 14.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

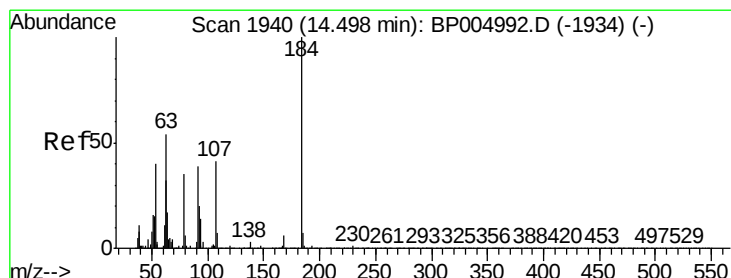
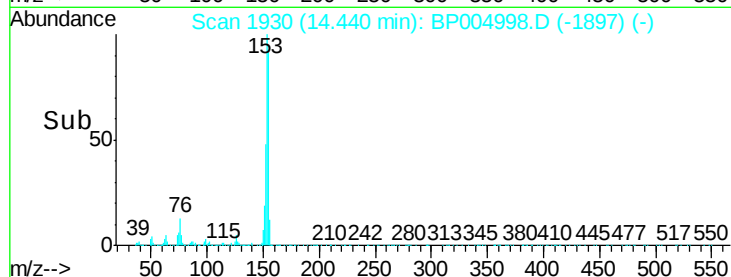
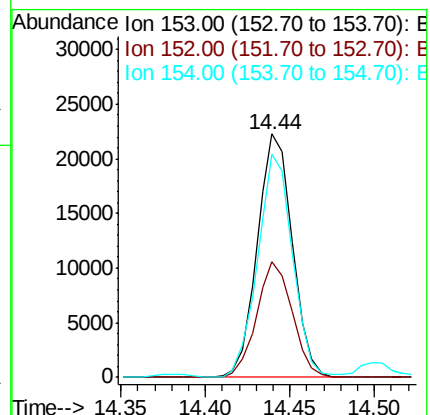
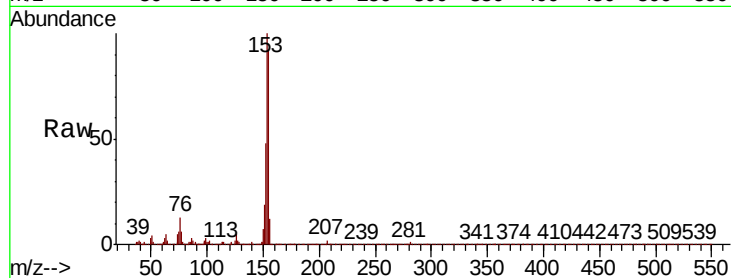
Tot Ion:153 Resp: 32162

Ion Ratio Lower Upper

153 100

152 47.6 39.3 58.9

154 91.8 75.0 112.6



#53

2,4-Dinitrophenol

Concen: 3.313 ng/ul

RT: 14.50 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

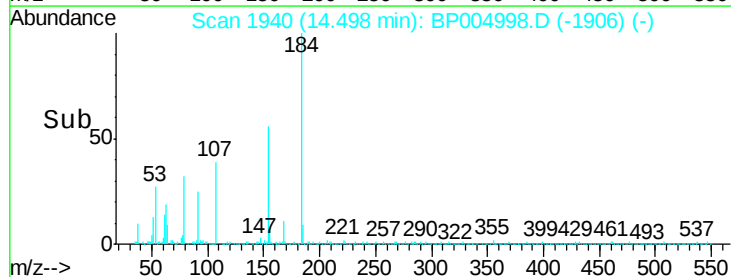
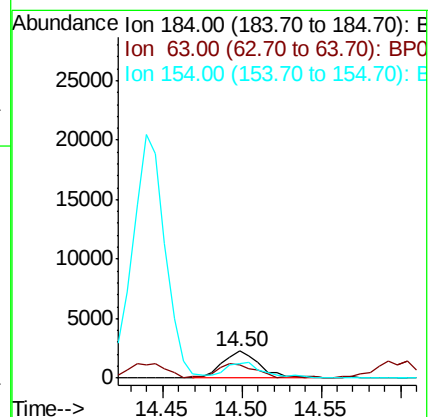
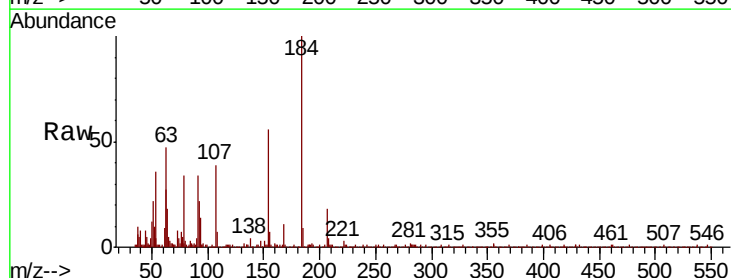
Tgt Ion:184 Resp: 3725

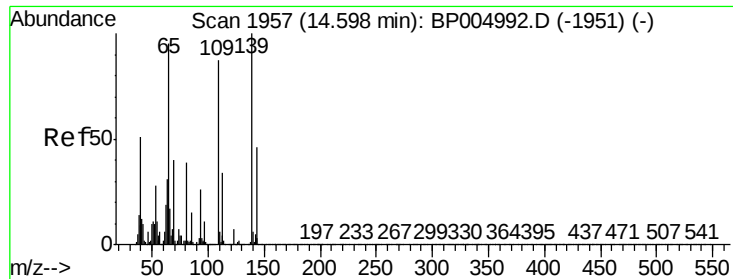
Ion Ratio Lower Upper

184 100

63 47.0 53.0 79.4#

154 55.6 49.0 73.4





#55

4-Nitrophenol

Concen: 4.442 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

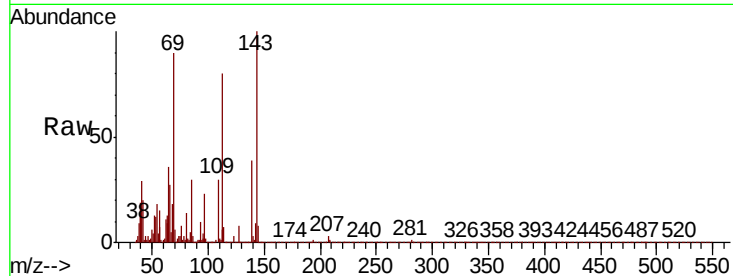
Tot Ion:109 Resp: 6054

Ion Ratio Lower Upper

109 100

139 131.3 91.4 137.2

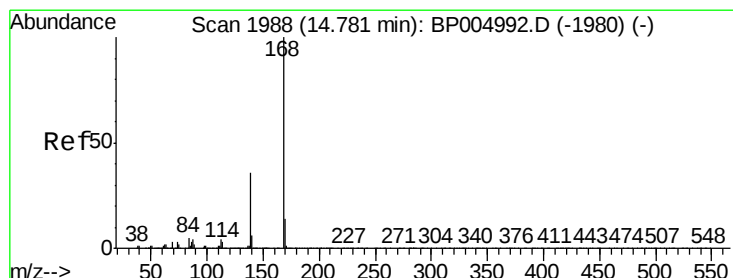
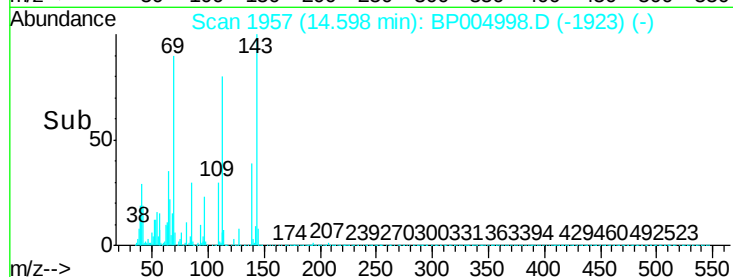
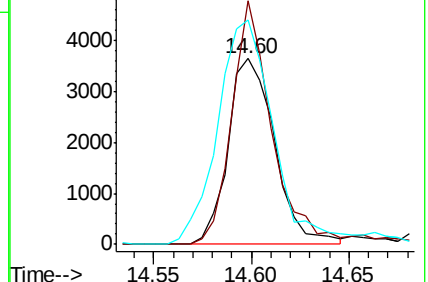
65 121.2 89.3 133.9



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BP0



#56

Dibenzofuran

Concen: 4.744 ng/ul

RT: 14.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BP004998.D

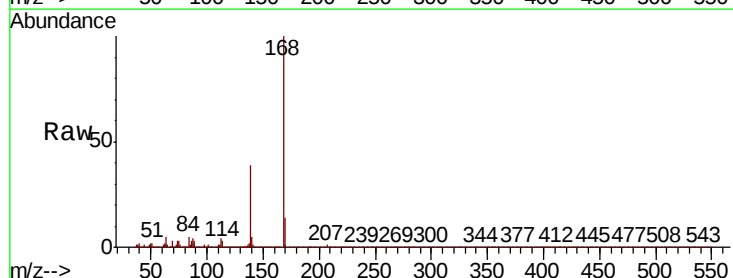
Acq: 18 Mar 2021 15:07

Tgt Ion:168 Resp: 48297

Ion Ratio Lower Upper

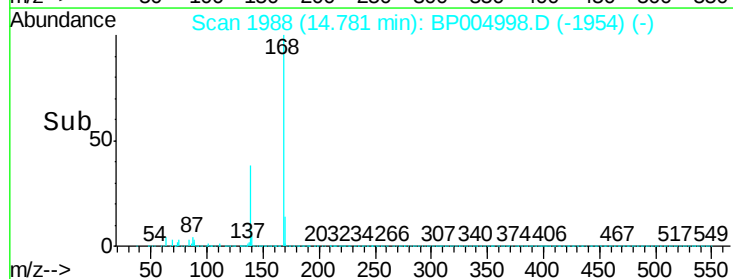
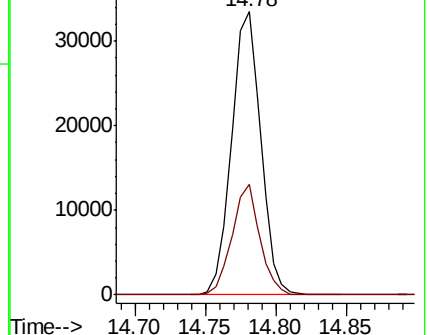
168 100

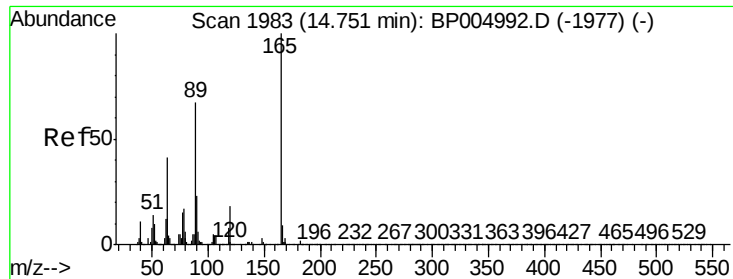
139 39.1 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

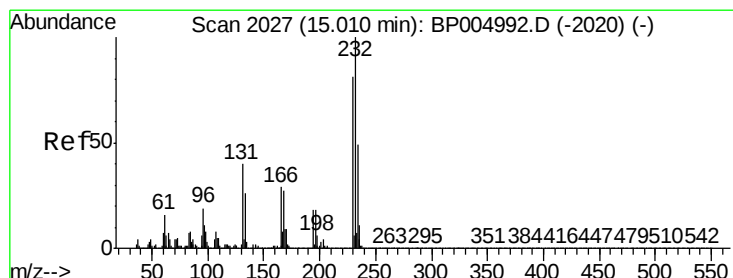
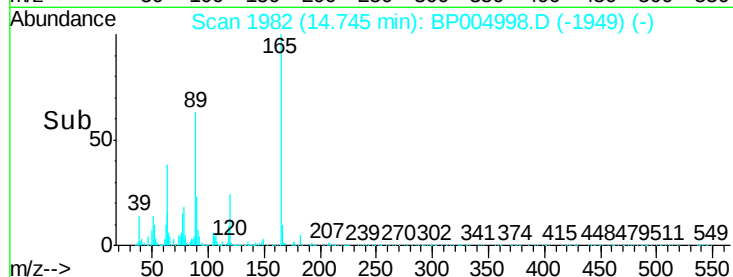
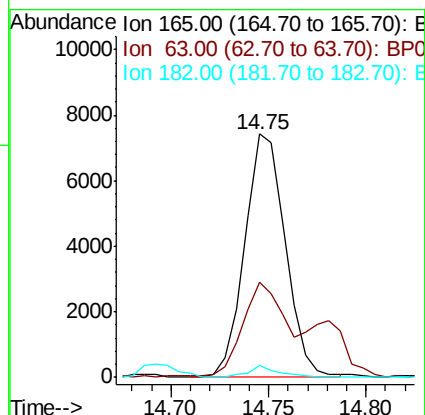
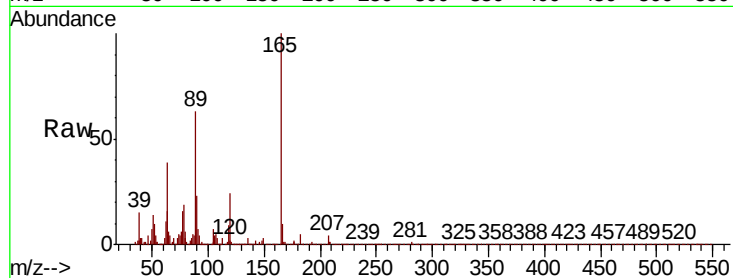




#57  
2,4-Dinitrotoluene  
Concen: 4.418 ng/ul  
RT: 14.75 min Scan# 1982  
Delta R.T. -0.01 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

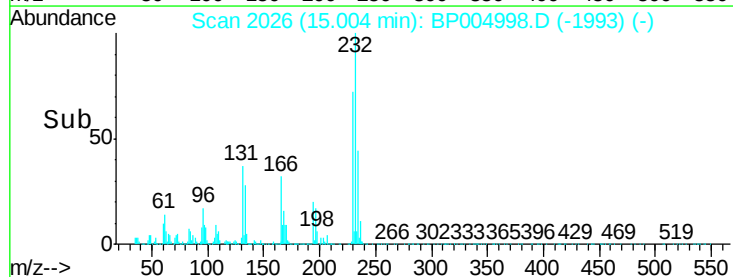
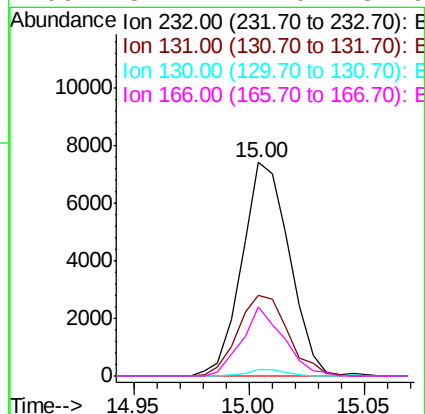
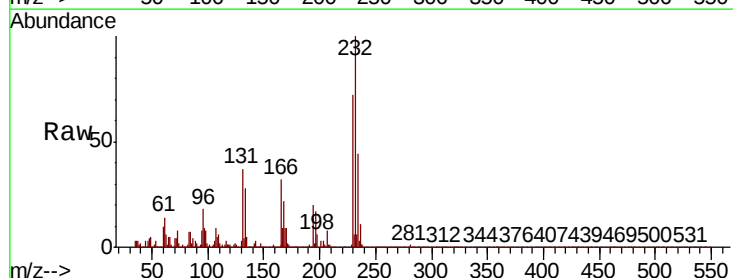
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

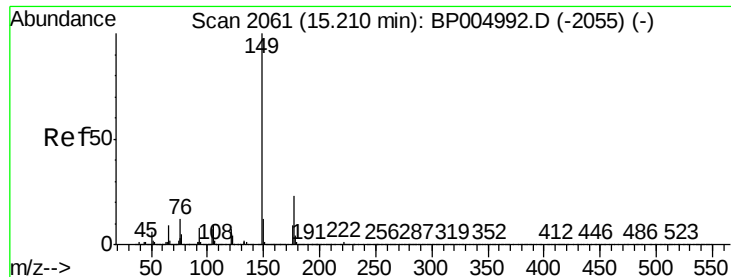
Tot Ion:165 Resp: 10709  
Ion Ratio Lower Upper  
165 100  
63 39.0 36.0 54.0  
182 4.7 2.2 3.2#



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 4.592 ng/ul  
RT: 15.00 min Scan# 2026  
Delta R.T. -0.01 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

Tgt Ion:232 Resp: 10606  
Ion Ratio Lower Upper  
232 100  
131 37.5 34.1 51.1  
130 3.1 2.1 3.1  
166 32.1 21.0 31.6#

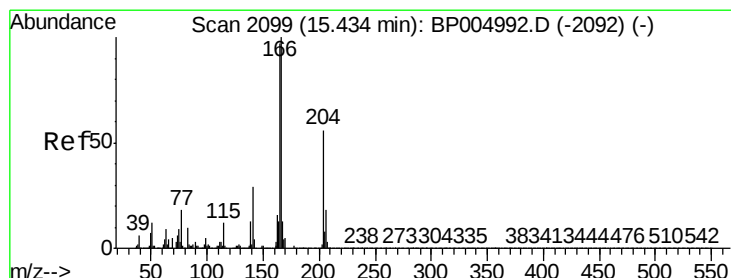
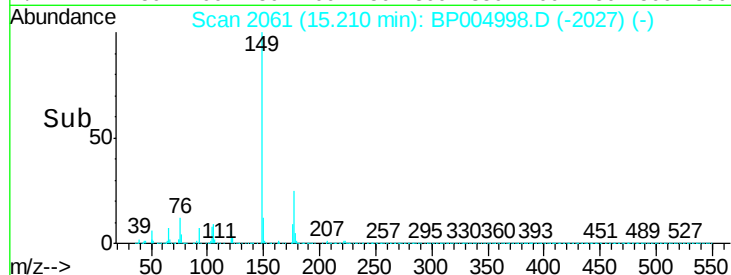
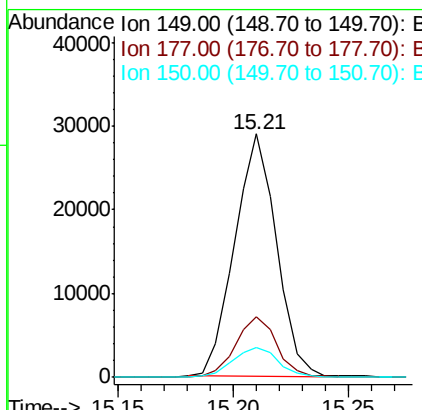
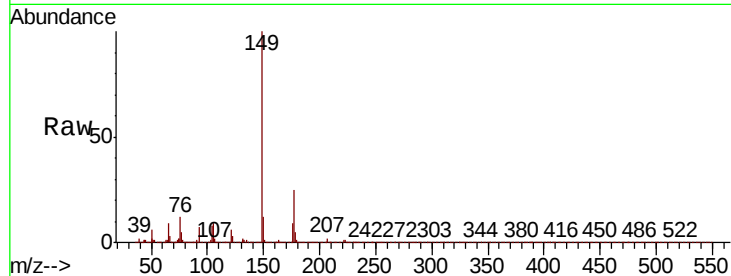




#59  
Diethylphthalate  
Concen: 4.419 ng/ul  
RT: 15.21 min Scan# 2061  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

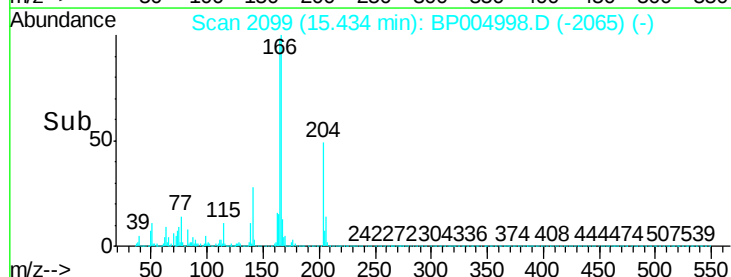
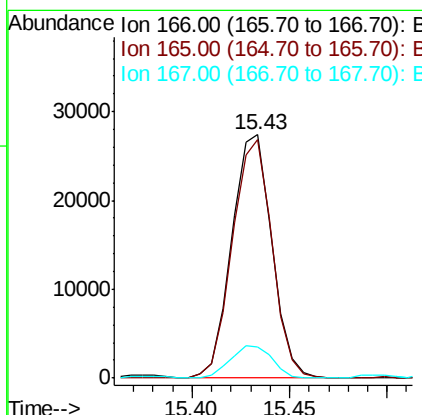
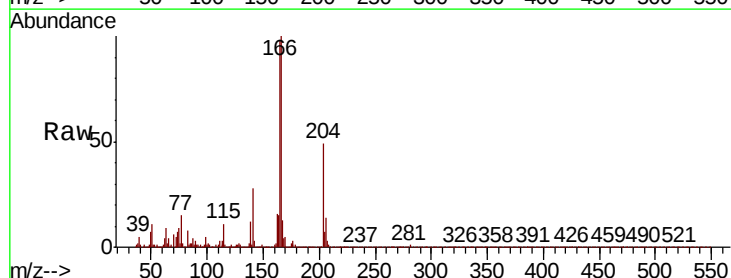
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

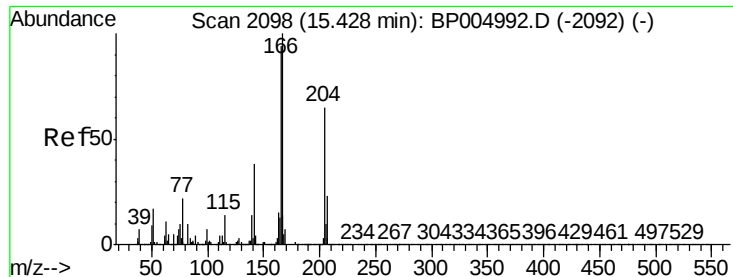
Tot Ion:149 Resp: 36682  
Ion Ratio Lower Upper  
149 100  
177 24.9 18.1 27.1  
150 12.4 9.8 14.8



#61  
Fluorene  
Concen: 4.633 ng/ul  
RT: 15.43 min Scan# 2099  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

Tgt Ion:166 Resp: 38992  
Ion Ratio Lower Upper  
166 100  
165 98.1 78.2 117.2  
167 12.8 10.2 15.2

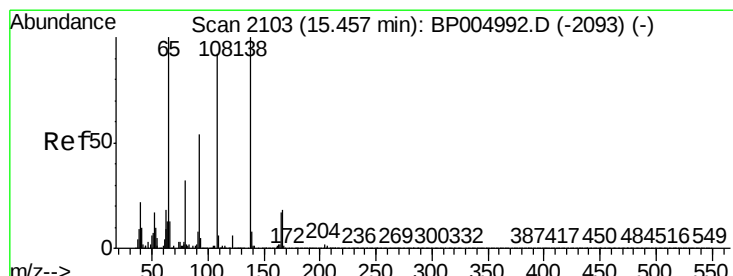
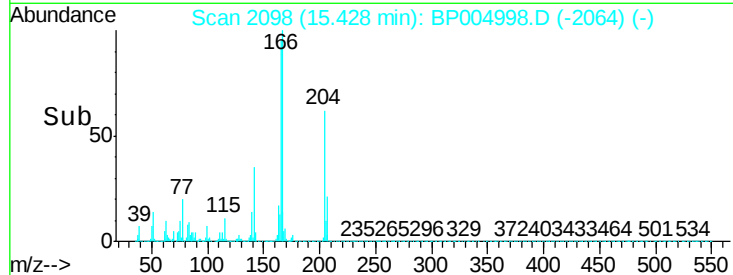
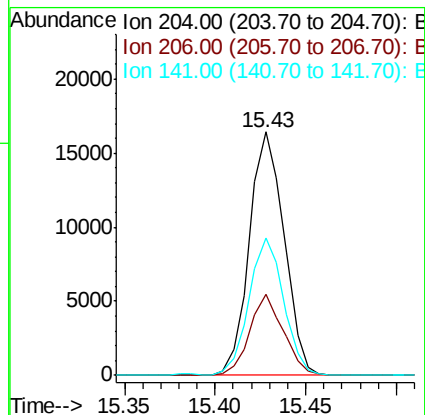
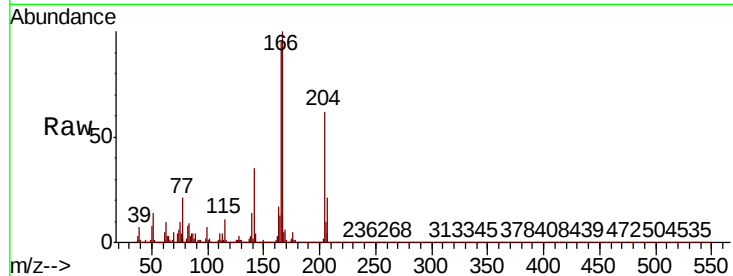




#62  
4-Chlorophenyl-phenylether  
Concen: 4.793 ng/ul  
RT: 15.43 min Scan# 2098  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

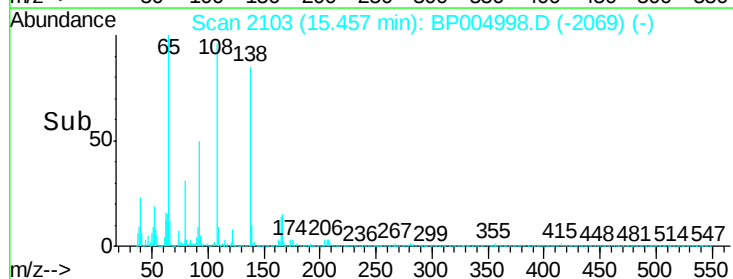
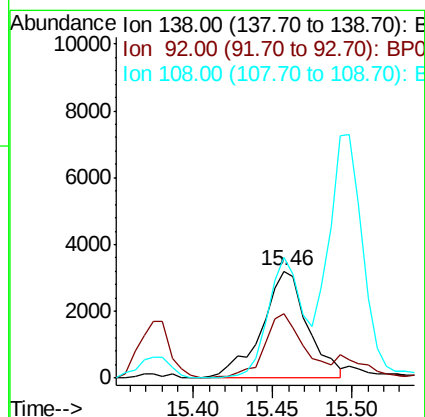
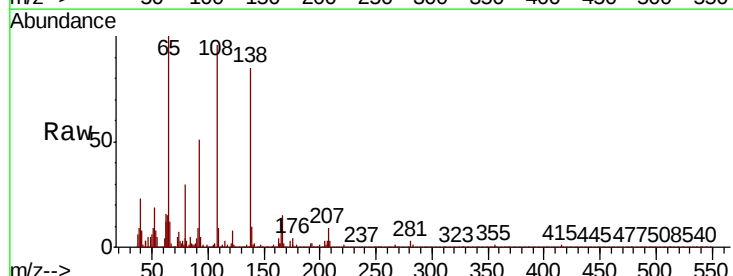
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

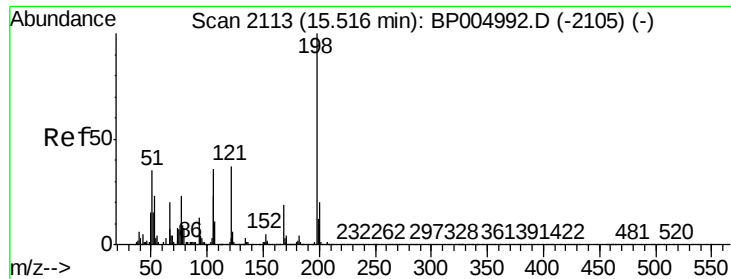
Tot Ion:204 Resp: 21878  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.8 40.2  
141 56.5 45.4 68.2



#63  
4-Nitroaniline  
Concen: 4.088 ng/ul  
RT: 15.46 min Scan# 2103  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

Tgt Ion:138 Resp: 6398  
Ion Ratio Lower Upper  
138 100  
92 60.3 39.3 58.9#  
108 112.9 71.0 106.6#

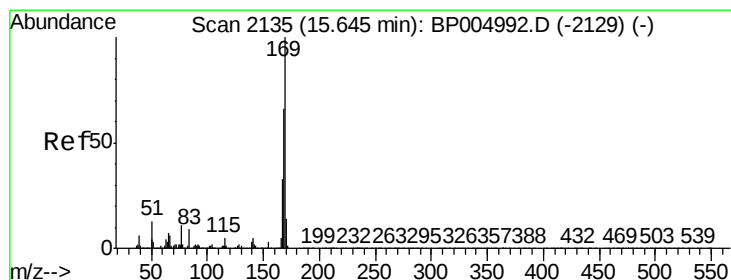
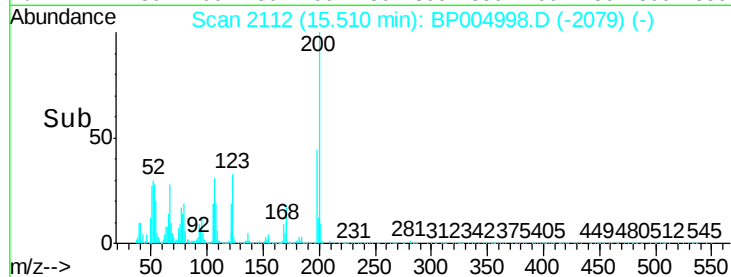
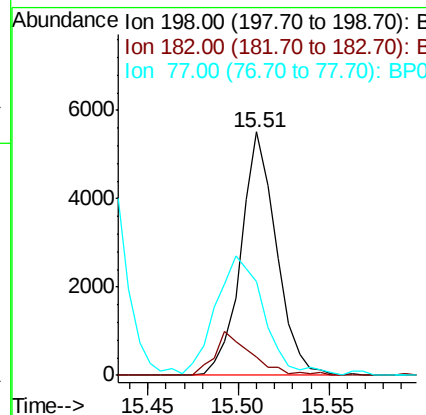
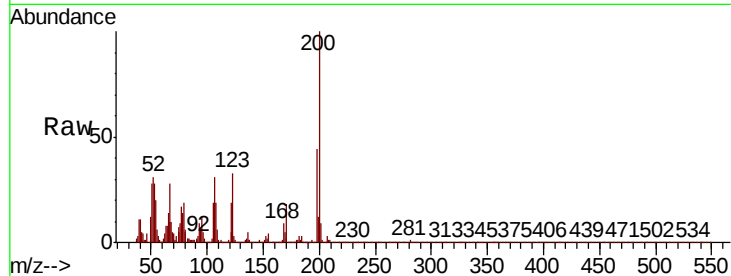




#66  
 4,6-Dinitro-2-methylphenol  
 Concen: 4.481 ng/ul  
 RT: 15.51 min Scan# 2112  
 Delta R.T. -0.01 min  
 Lab File: BP004998.D  
 Acq: 18 Mar 2021 15:07

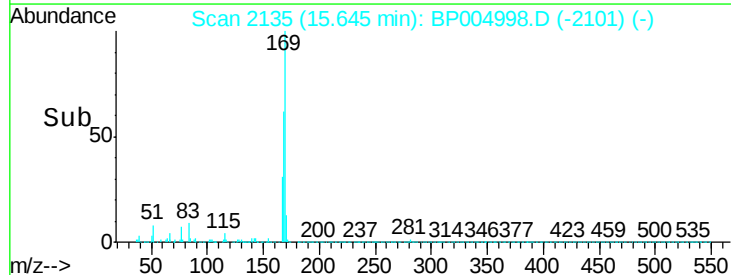
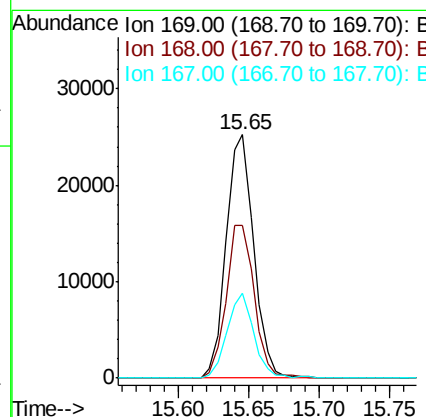
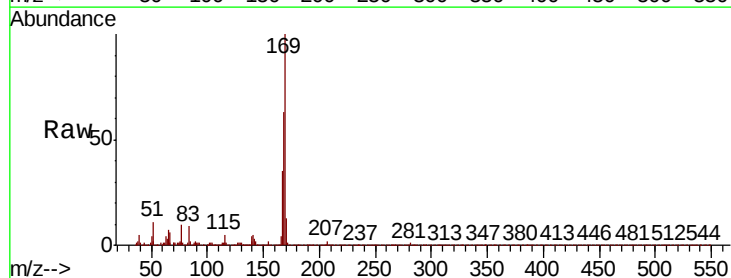
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-MED-SOIL-QT2-2021-03

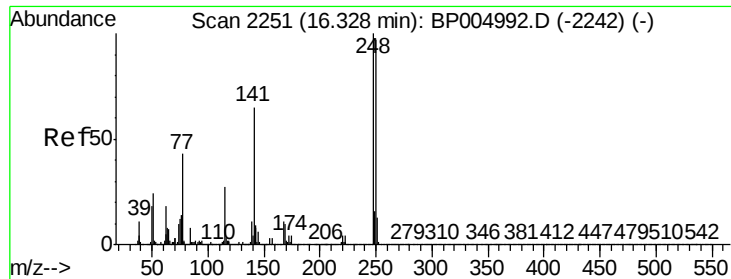
Tot Ion:198 Resp: 7507  
 Ion Ratio Lower Upper  
 198 100  
 182 7.4 3.7 5.5#  
 77 38.3 22.2 33.2#



#67  
 N-Nitrosodiphenylamine  
 Concen: 4.766 ng/ul  
 RT: 15.65 min Scan# 2135  
 Delta R.T. -0.00 min  
 Lab File: BP004998.D  
 Acq: 18 Mar 2021 15:07

Tgt Ion:169 Resp: 34135  
 Ion Ratio Lower Upper  
 169 100  
 168 62.5 52.4 78.6  
 167 34.9 27.1 40.7

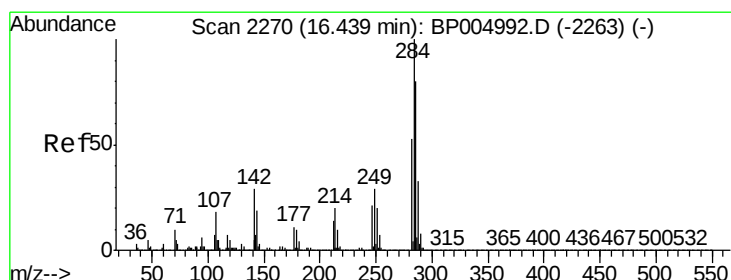
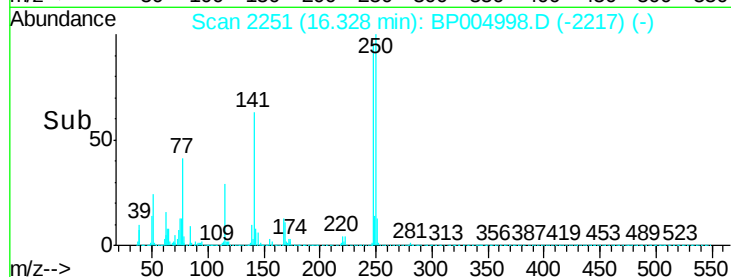
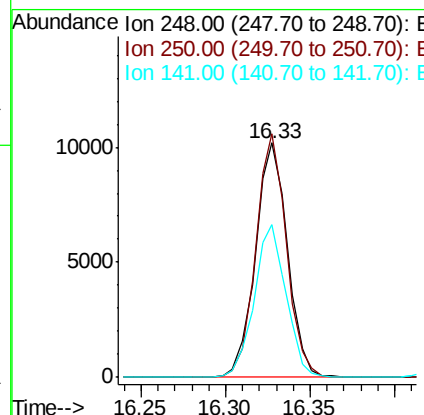
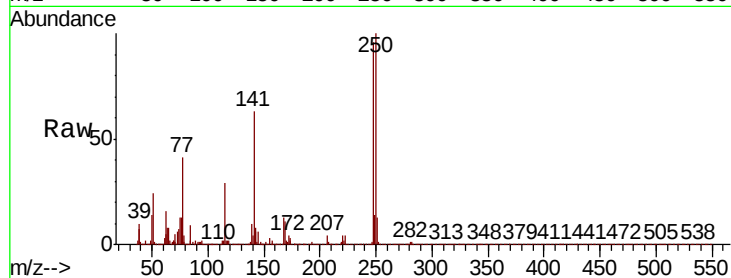




#68  
4-Bromophenyl-phenylether  
Concen: 4.811 ng/ul  
RT: 16.33 min Scan# 2251  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

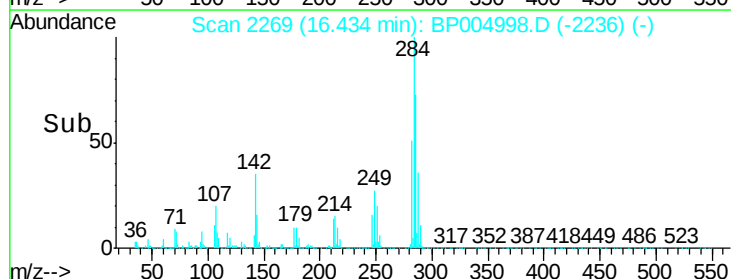
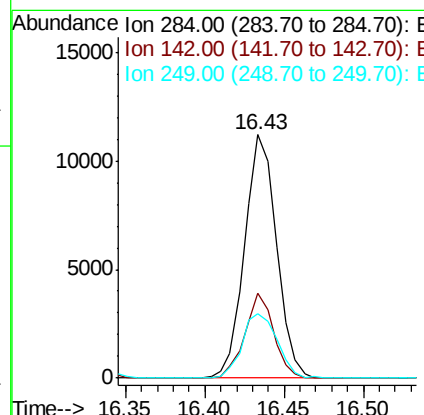
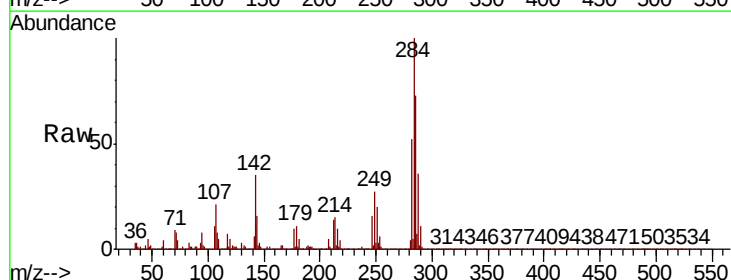
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

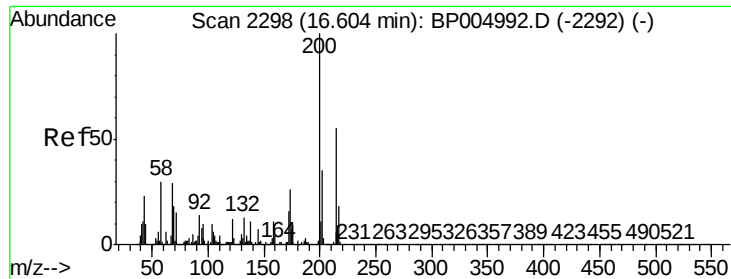
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 103.9 | 83.0  | 124.4 |
| 141     | 65.2  | 56.0  | 84.0  |



#69  
Hexachlorobenzene  
Concen: 5.000 ng/ul  
RT: 16.43 min Scan# 2269  
Delta R.T. -0.01 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.0  | 25.7  | 38.5  |
| 249     | 26.7  | 26.7  | 40.1# |

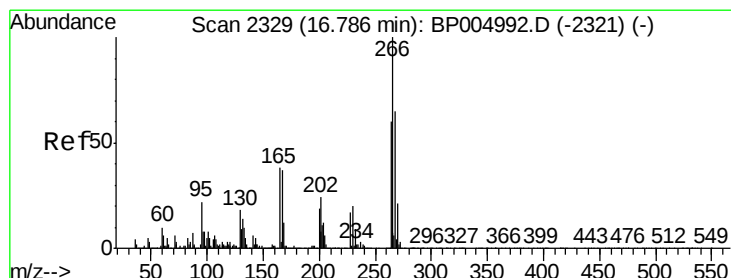
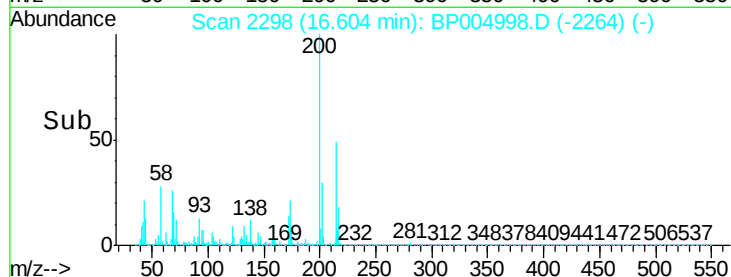
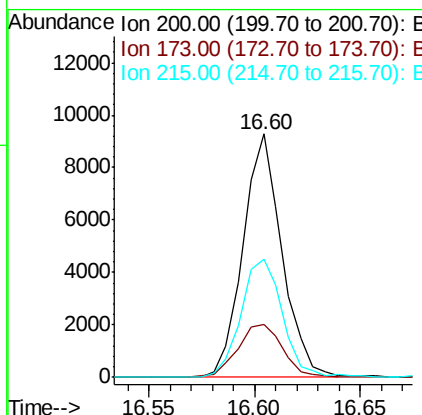
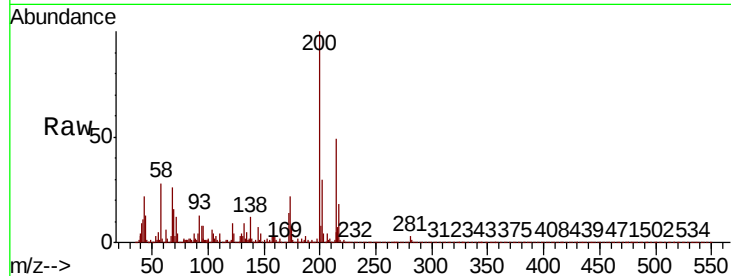




#70  
Atrazine  
Concen: 4.071 ng/ul  
RT: 16.60 min Scan# 2298  
Delta R.T. 0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

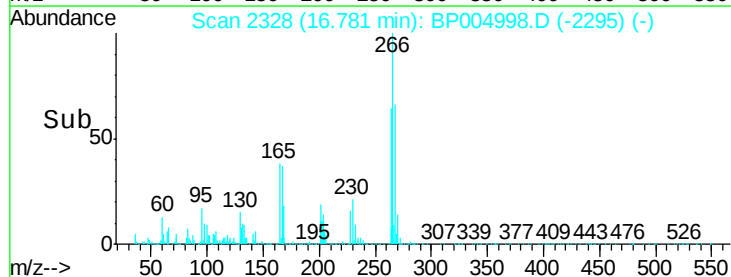
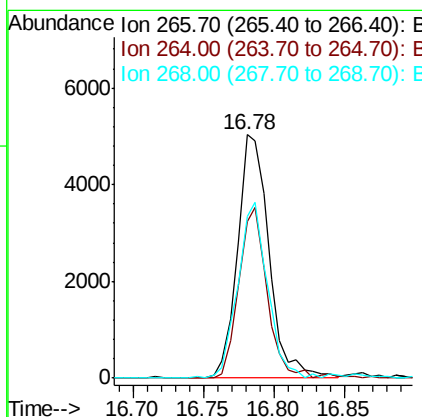
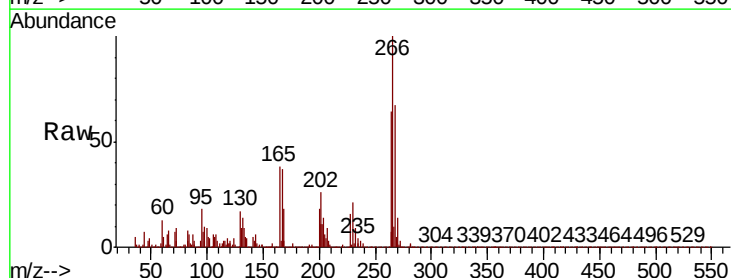
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

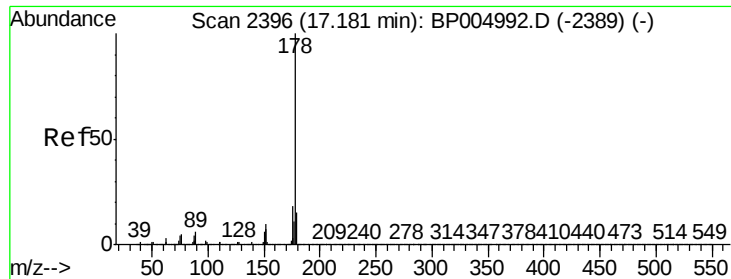
Tot Ion:200 Resp: 11840  
Ion Ratio Lower Upper  
200 100  
173 21.5 18.5 27.7  
215 48.6 40.2 60.2



#71  
Pentachlorophenol  
Concen: 3.803 ng/ul  
RT: 16.78 min Scan# 2328  
Delta R.T. -0.01 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

Tgt Ion:266 Resp: 7848  
Ion Ratio Lower Upper  
266 100  
264 71.5 46.2 69.2#  
268 66.6 50.8 76.2





#72

Phenanthrene

Concen: 4.584 ng/ul

RT: 17.17 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

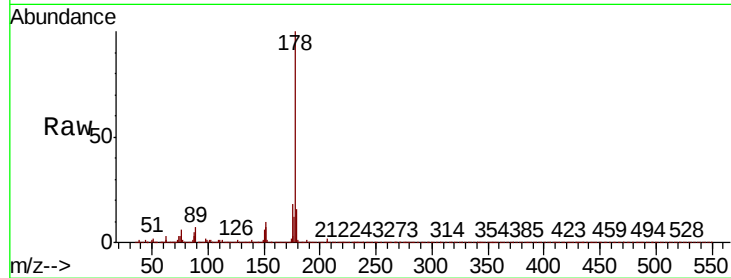
BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

Tot Ion:178 Resp: 62089

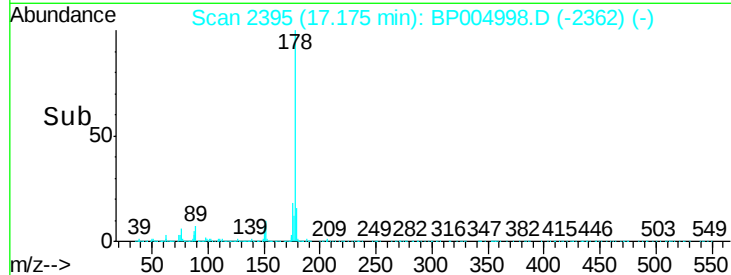
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 16.0  | 12.4  | 18.6  |
| 176 | 17.9  | 14.4  | 21.6  |



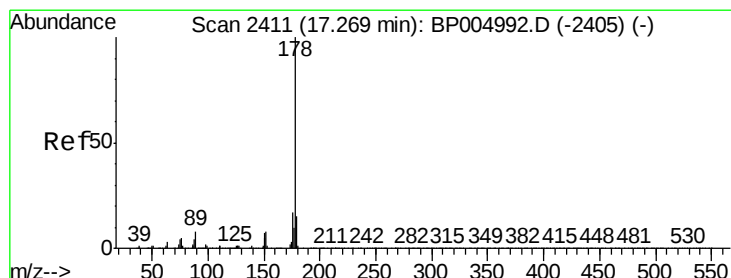
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.10 17.15 17.20 17.25



#74

Anthracene

Concen: 4.635 ng/ul

RT: 17.27 min Scan# 2411

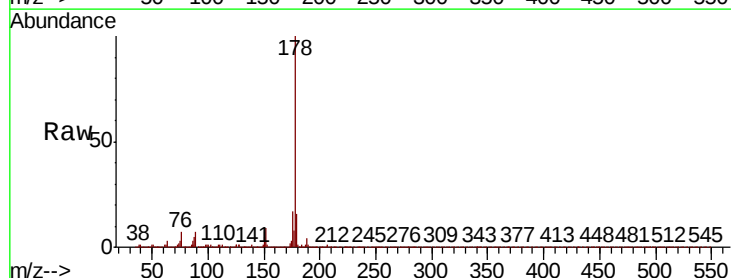
Delta R.T. -0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Tgt Ion:178 Resp: 63426

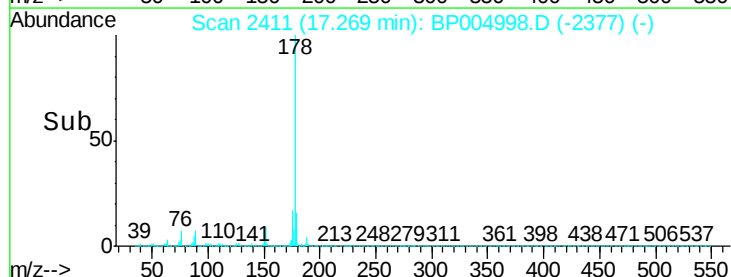
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.5  | 12.1  | 18.1  |
| 176 | 16.9  | 14.4  | 21.6  |



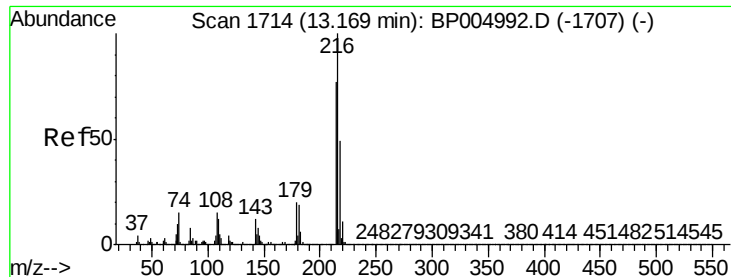
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.20 17.30



#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.605 ng/uL

RT: 13.17 min Scan# 1714

Delta R.T. -0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

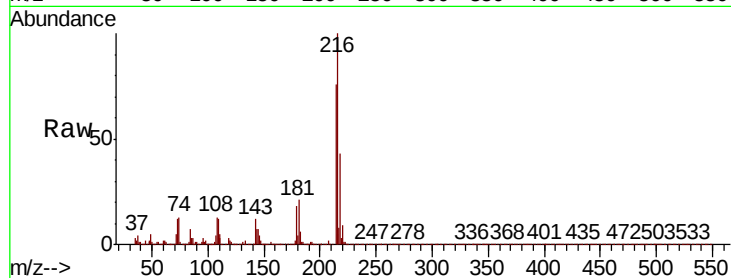
Tot Ion:216 Resp: 18454

Ion Ratio Lower Upper

216 100

214 76.2 66.3 99.5

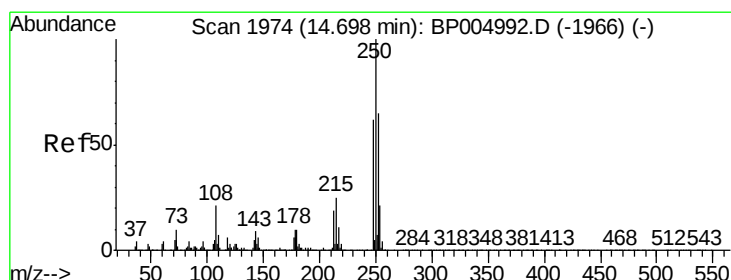
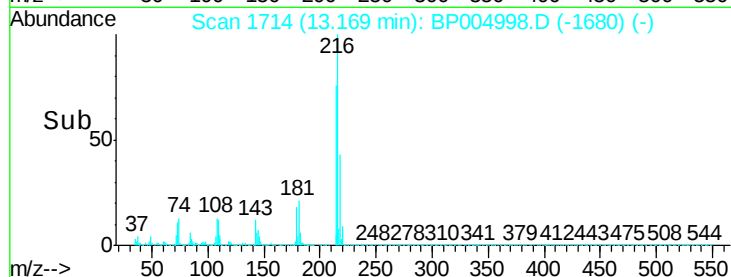
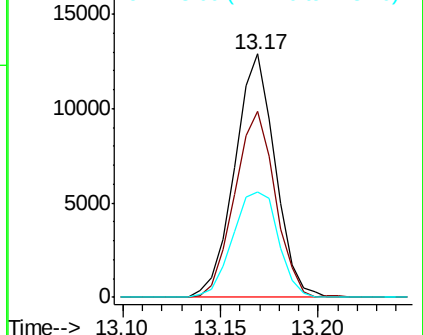
218 43.3 40.0 60.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#76

Pentachlorobenzene

Concen: 4.505 ng/uL

RT: 14.70 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

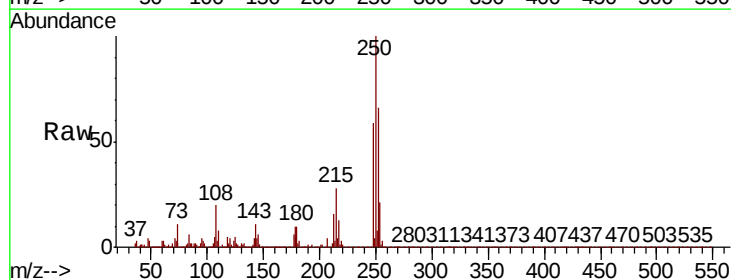
Tgt Ion:250 Resp: 18106

Ion Ratio Lower Upper

250 100

248 59.2 49.3 73.9

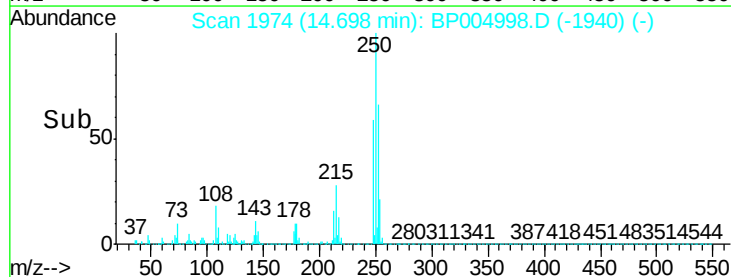
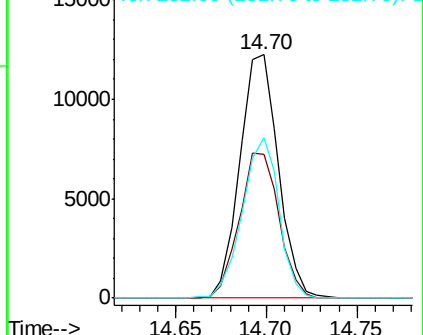
252 66.1 53.5 80.3

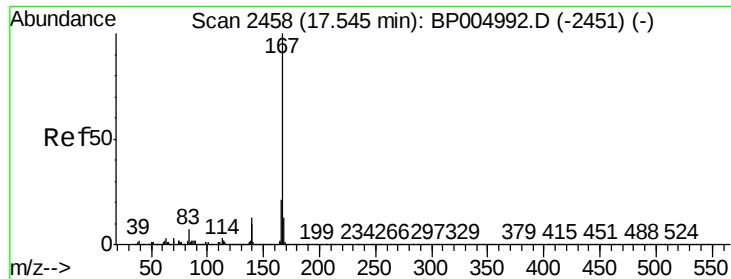


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

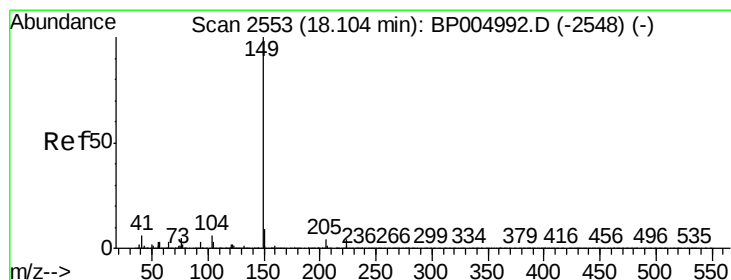
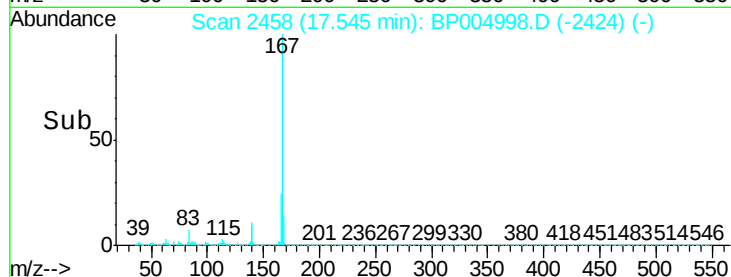
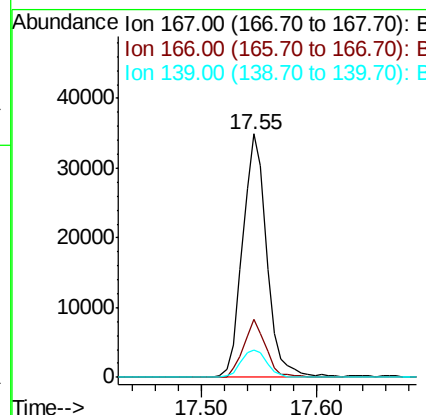
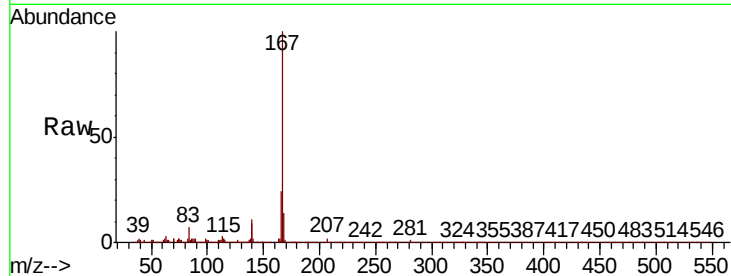




#77  
 Carbazole  
 Concen: 4.211 ng/ul  
 RT: 17.55 min Scan# 2458  
 Delta R.T. -0.00 min  
 Lab File: BP004998.D  
 Acq: 18 Mar 2021 15:07

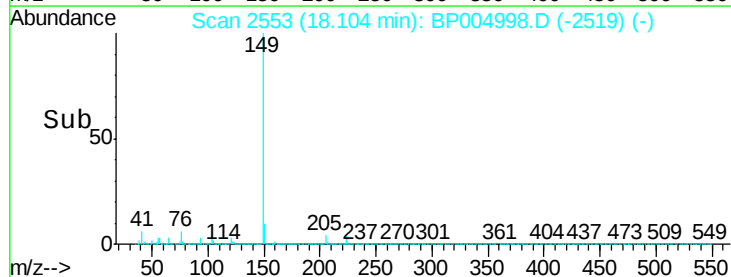
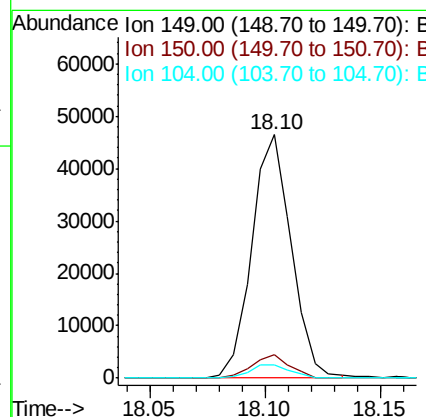
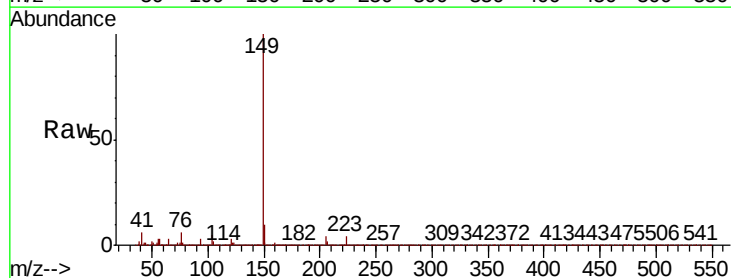
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-MED-SOIL-QT2-2021-03

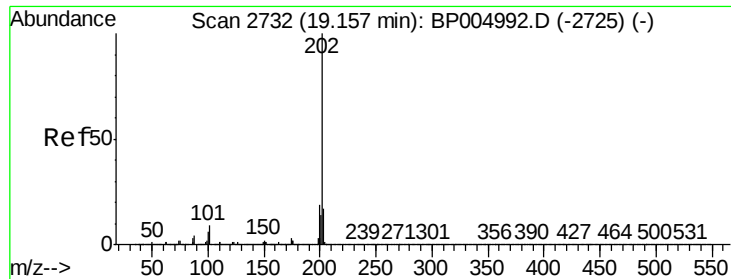
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:167 | Resp: | 50587     |
| Ion Ratio   | Lower | Upper     |
| 167         | 100   |           |
| 166         | 23.9  | 16.4 24.6 |
| 139         | 11.3  | 10.0 15.0 |



#78  
 Di-n-butylphthalate  
 Concen: 4.032 ng/ul  
 RT: 18.10 min Scan# 2553  
 Delta R.T. -0.00 min  
 Lab File: BP004998.D  
 Acq: 18 Mar 2021 15:07

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:149 | Resp: | 55187    |
| Ion Ratio   | Lower | Upper    |
| 149         | 100   |          |
| 150         | 9.7   | 7.0 10.6 |
| 104         | 5.2   | 4.5 6.7  |





#80

Fluoranthene

Concen: 4.549 ng/ul

RT: 19.16 min Scan# 2732

Delta R.T. -0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

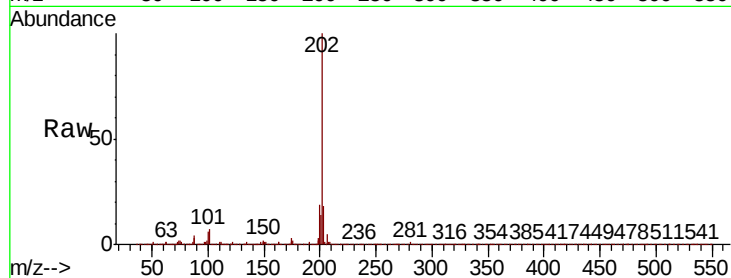
Tot Ion:202 Resp: 73407

Ion Ratio Lower Upper

202 100

101 7.1 7.5 11.3#

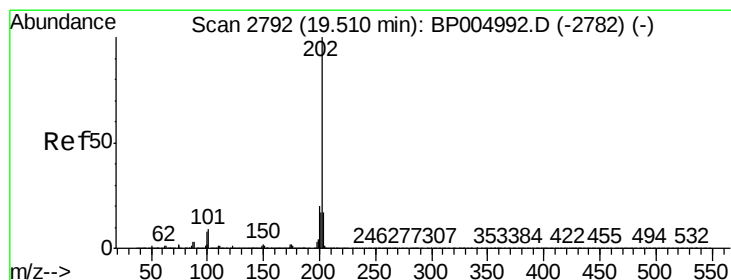
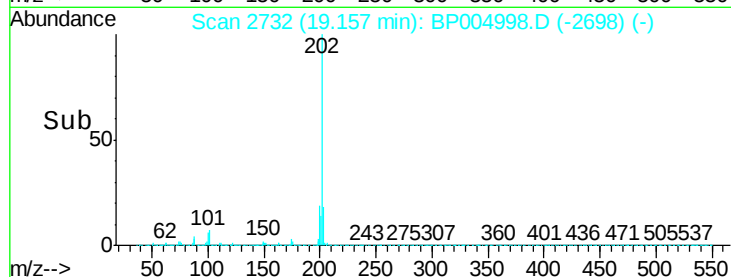
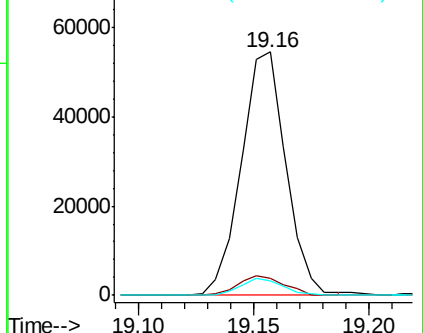
100 5.9 5.9 8.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Pyrene

Concen: 4.675 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

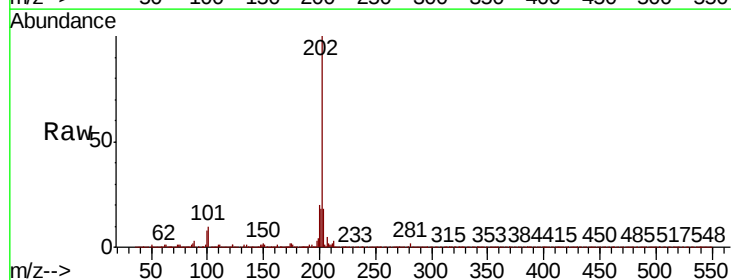
Tgt Ion:202 Resp: 78014

Ion Ratio Lower Upper

202 100

101 9.8 8.5 12.7

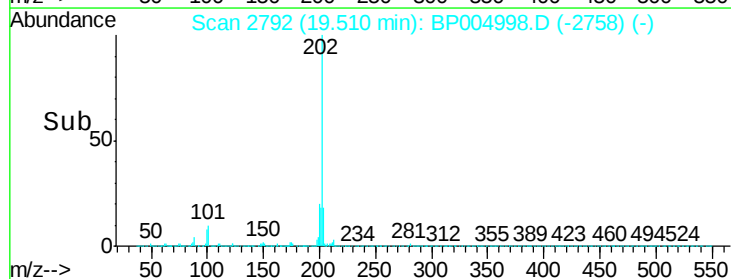
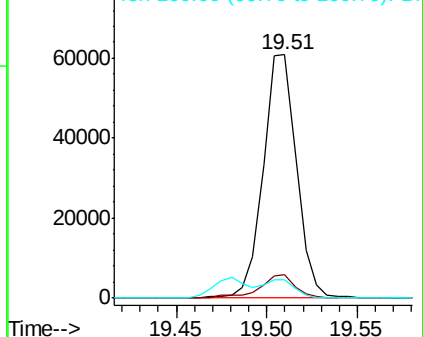
100 7.7 7.0 10.6

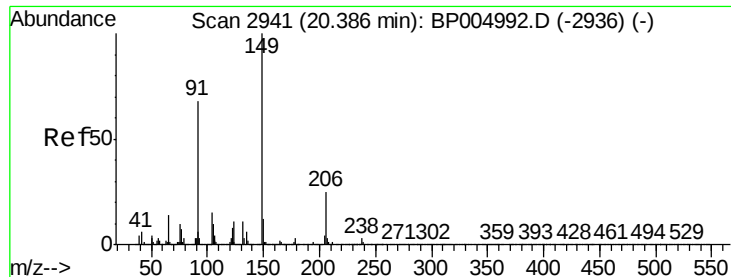


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

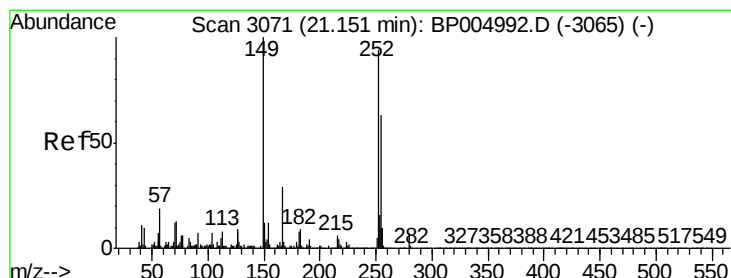
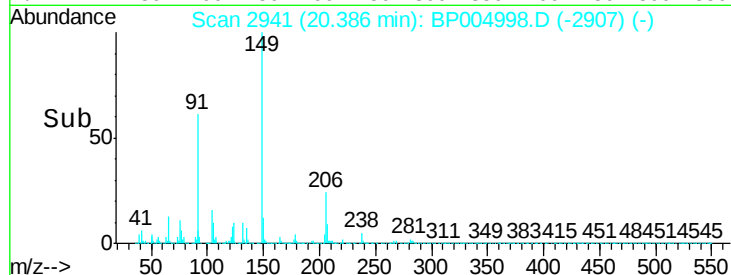
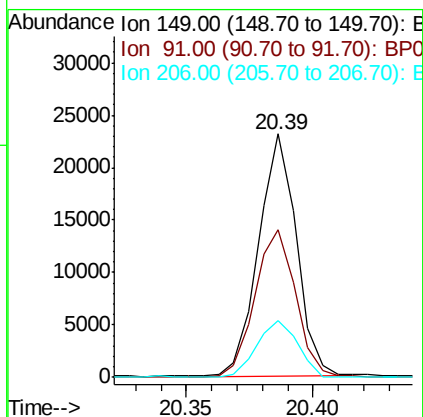
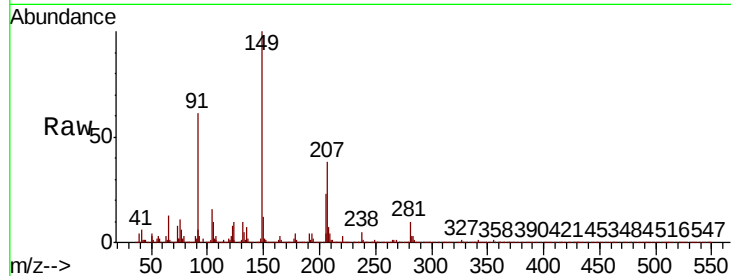




#83  
Butylbenzylphthalate  
Concen: 4.026 ng/ul  
RT: 20.39 min Scan# 2941  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

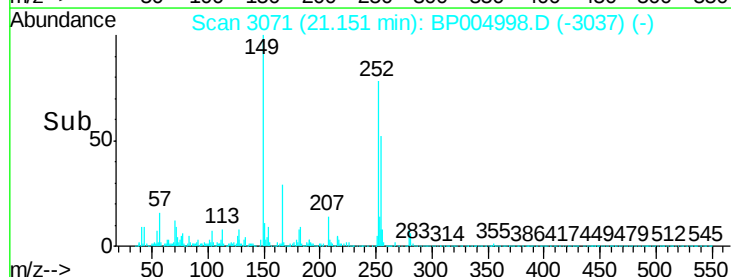
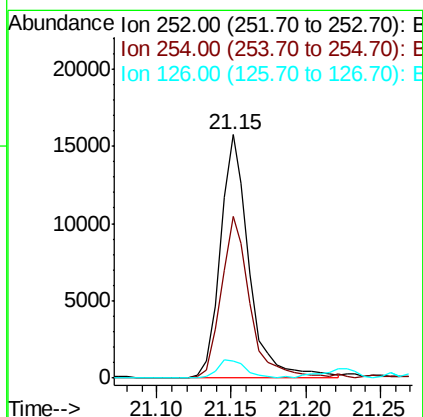
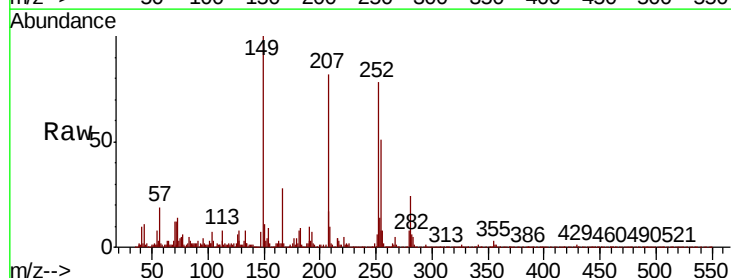
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

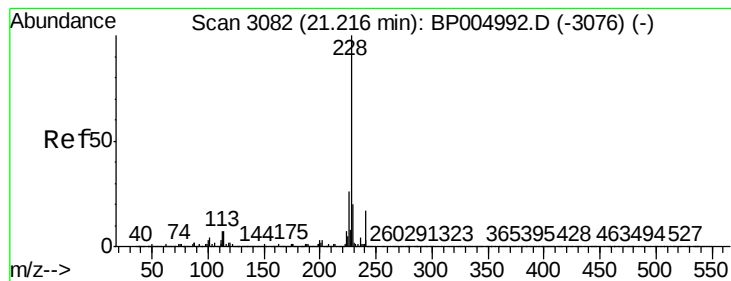
Tot Ion:149 Resp: 24170  
Ion Ratio Lower Upper  
149 100  
91 60.6 54.1 81.1  
206 23.5 20.5 30.7



#84  
3,3'-Dichlorobenzidine  
Concen: 3.524 ng/ul  
RT: 21.15 min Scan# 3071  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

Tgt Ion:252 Resp: 20948  
Ion Ratio Lower Upper  
252 100  
254 66.4 48.6 73.0  
126 7.1 7.0 10.6





#85

Benzo(a)anthracene

Concen: 4.655 ng/uL

RT: 21.22 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

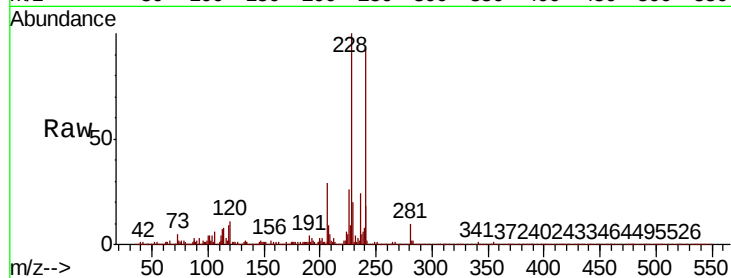
Tot Ion:228 Resp: 77734

Ion Ratio Lower Upper

228 100

229 19.9 15.3 22.9

226 26.0 21.1 31.7

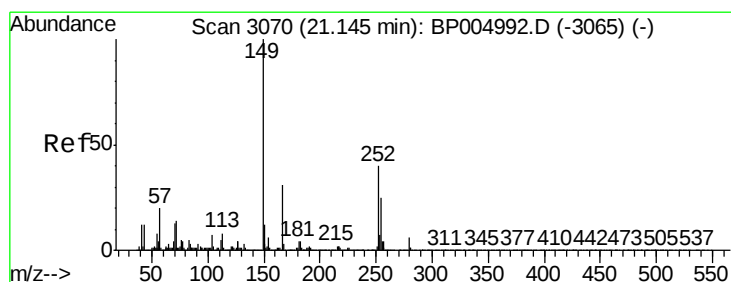
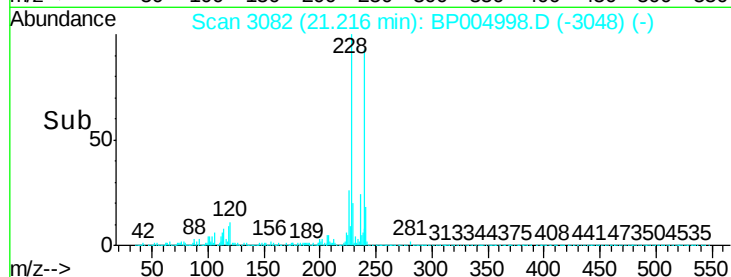
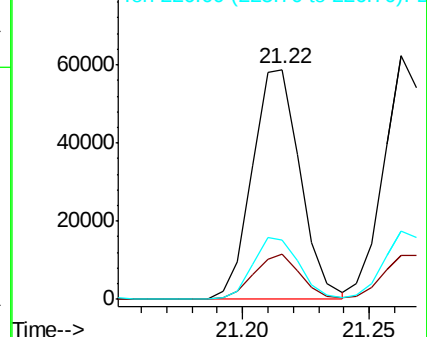


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.959 ng/uL

RT: 21.15 min Scan# 3070

Delta R.T. -0.00 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

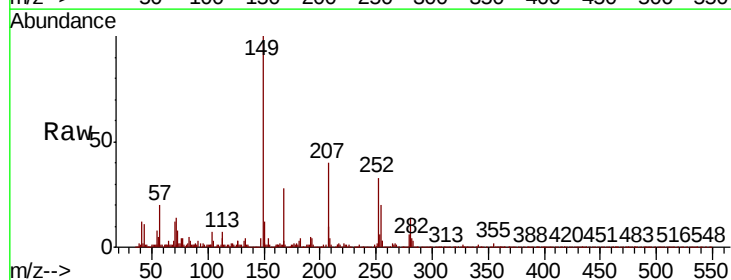
Tgt Ion:149 Resp: 36266

Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

279 6.2 3.8 5.8#

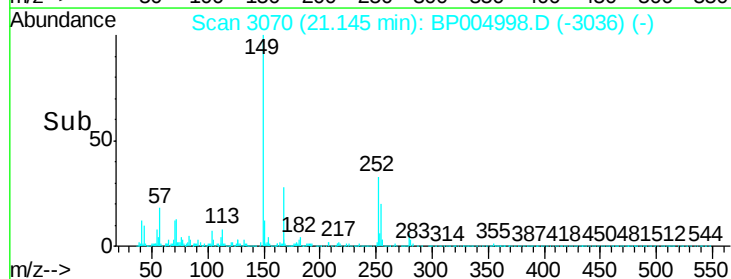
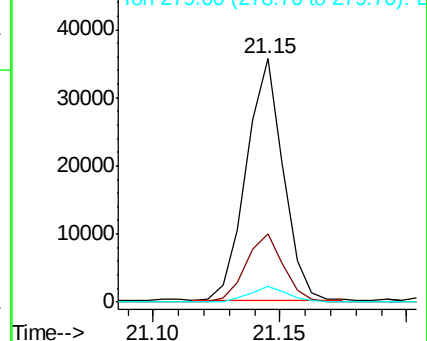


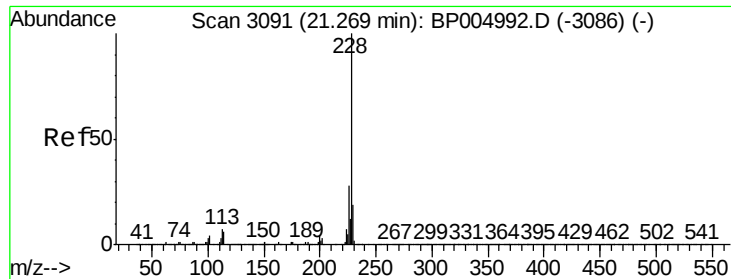
Abundance

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





#87

Chrysene

Concen: 4.676 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

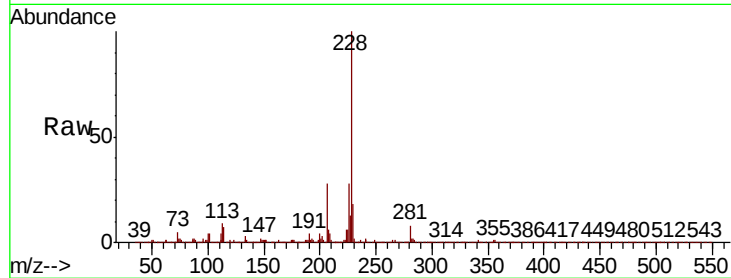
Tot Ion:228 Resp: 76585

Ion Ratio Lower Upper

228 100

226 28.2 23.3 34.9

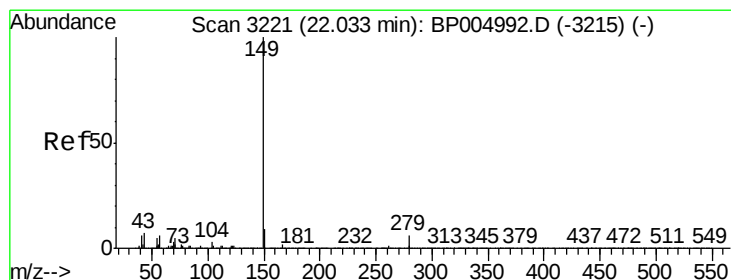
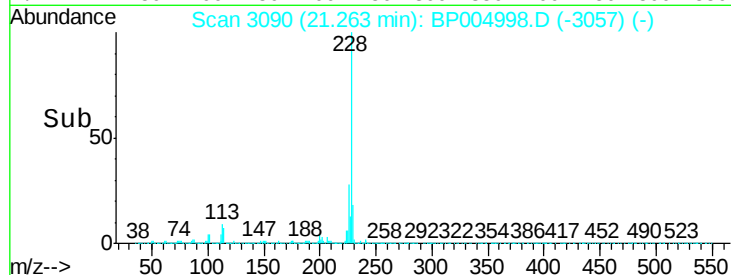
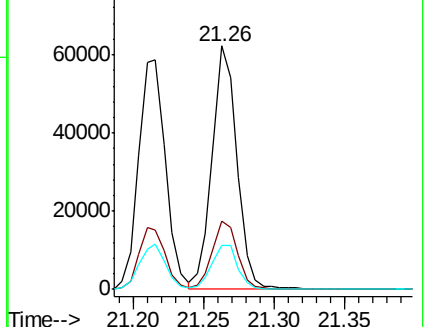
229 18.2 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#89

Di-n-octyl phthalate

Concen: 3.802 ng/ul

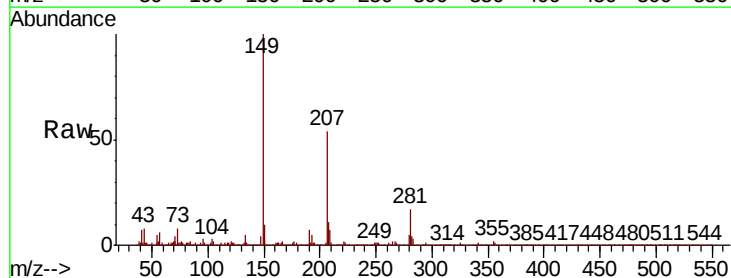
RT: 22.03 min Scan# 3220

Delta R.T. -0.01 min

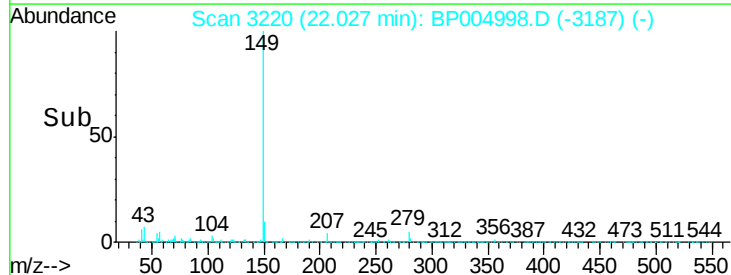
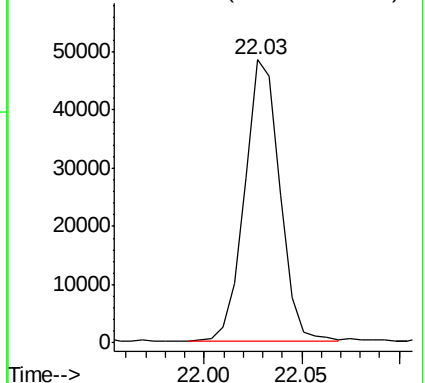
Lab File: BP004998.D

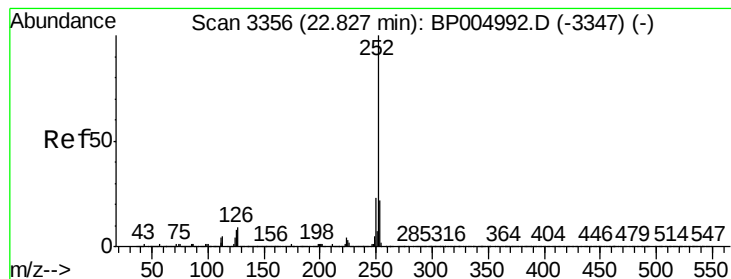
Acq: 18 Mar 2021 15:07

Tgt Ion:149 Resp: 60370



Abundance Ion 149.00 (148.70 to 149.70): E

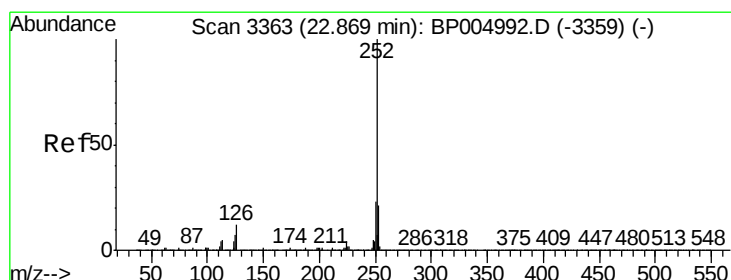
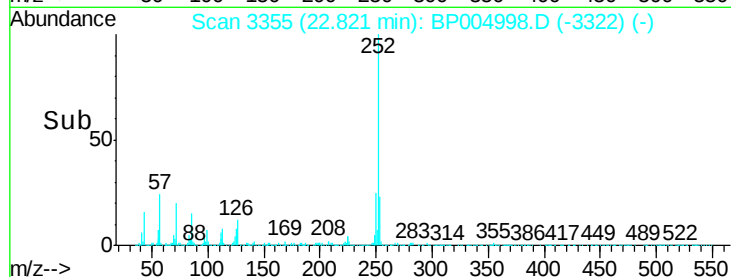
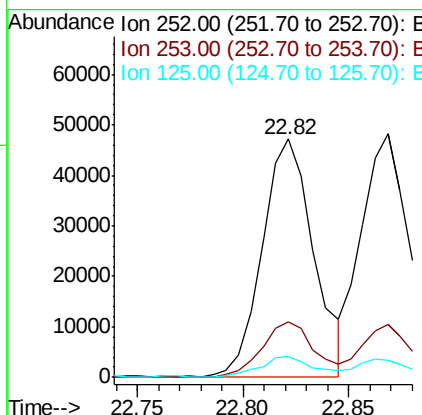
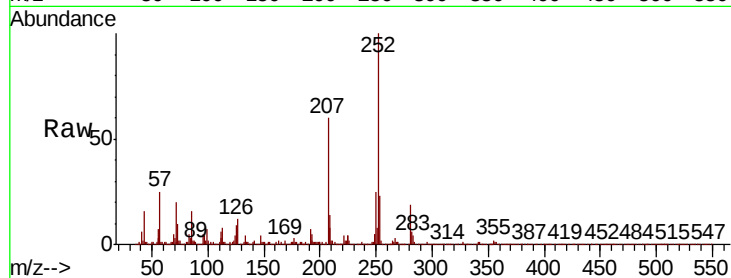




#90  
Benzo(b)fluoranthene  
Concen: 4.804 ng/u1  
RT: 22.82 min Scan# 3355  
Delta R.T. -0.01 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

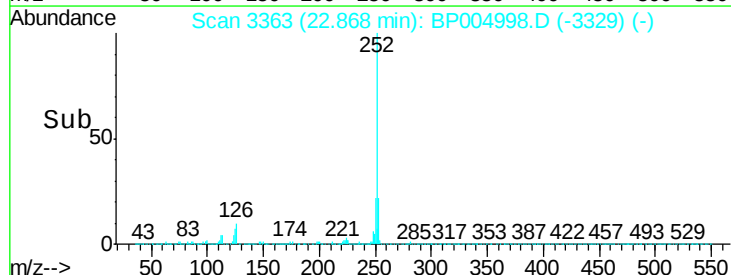
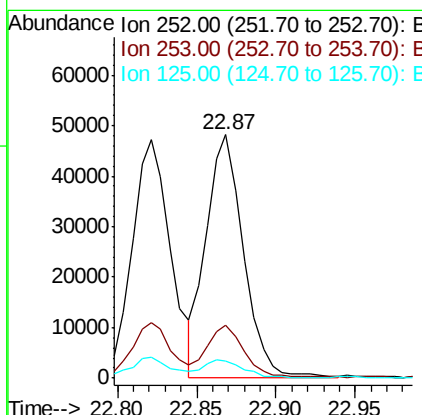
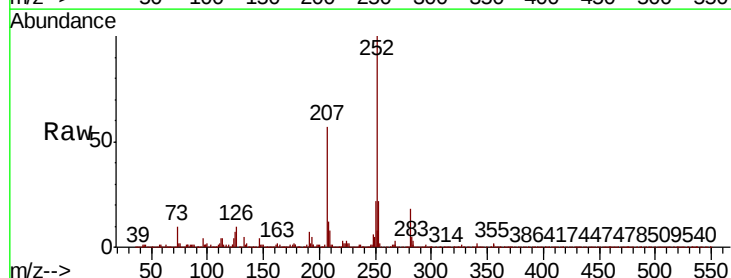
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

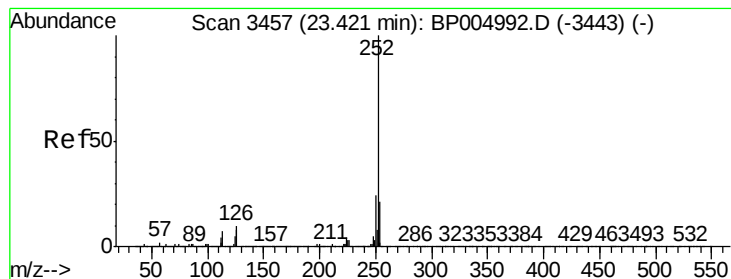
Tot Ion:252 Resp: 79737  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.2 27.4  
125 8.9 6.2 9.4



#91  
Benzo(k)fluoranthene  
Concen: 4.803 ng/u1  
RT: 22.87 min Scan# 3363  
Delta R.T. -0.00 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

Tgt Ion:252 Resp: 79079  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.3 25.9  
125 7.2 6.2 9.4





#93

Benzo(a)pyrene

Concen: 4.802 ng/ul

RT: 23.42 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

Instrument :

BNA\_P

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

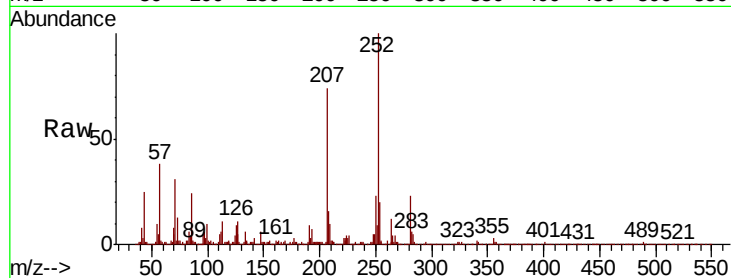
Tot Ion:252 Resp: 70059

Ion Ratio Lower Upper

252 100

253 20.2 18.0 27.0

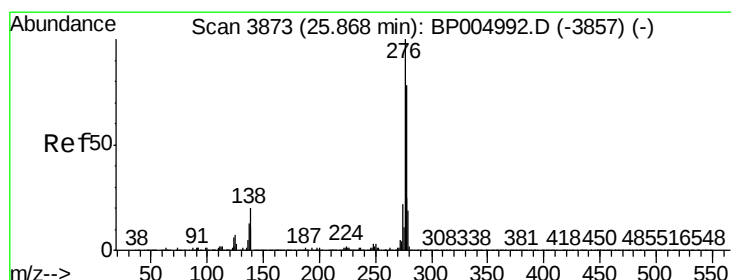
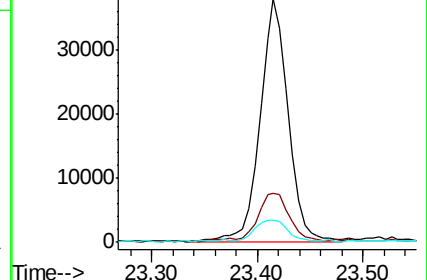
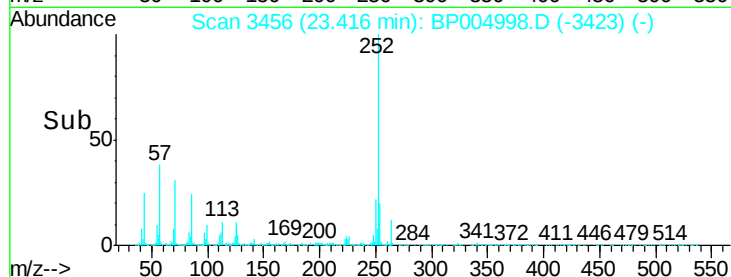
125 9.1 6.9 10.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.613 ng/ul

RT: 25.86 min Scan# 3872

Delta R.T. -0.01 min

Lab File: BP004998.D

Acq: 18 Mar 2021 15:07

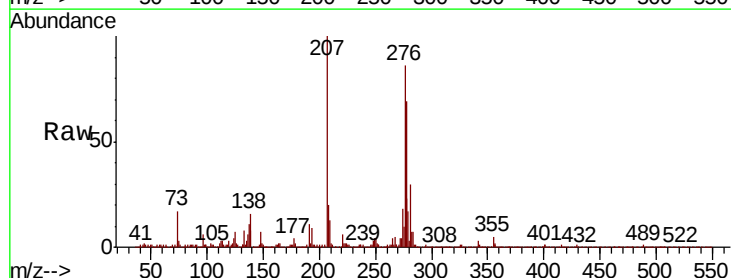
Tgt Ion:276 Resp: 85063

Ion Ratio Lower Upper

276 100

138 18.3 14.7 22.1

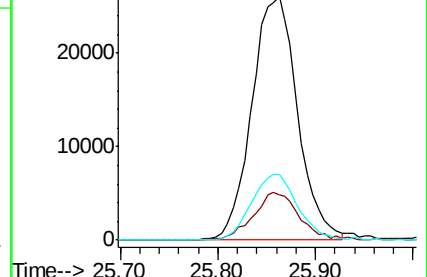
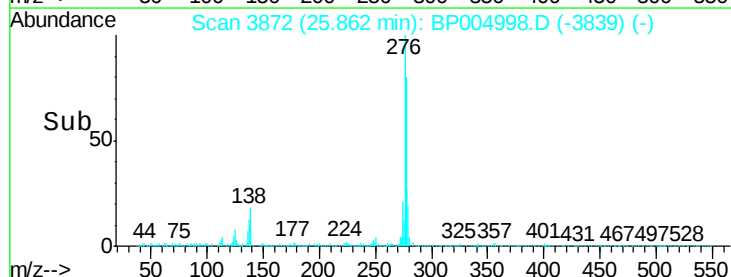
277 27.0 19.8 29.8

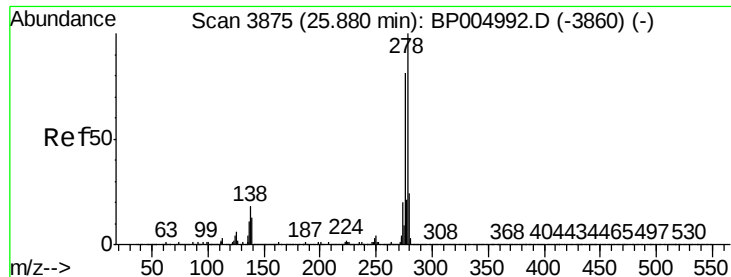


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

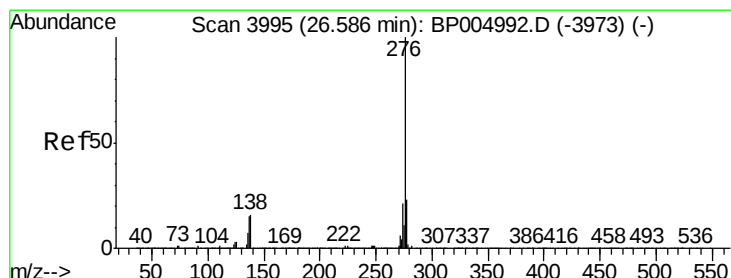
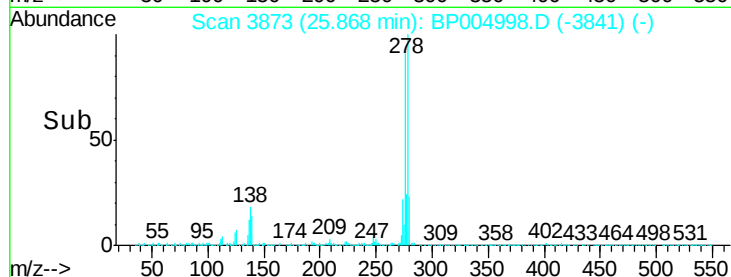
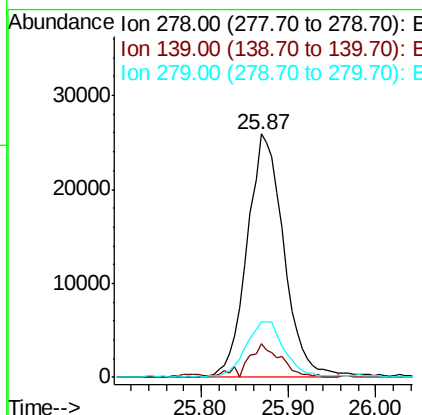
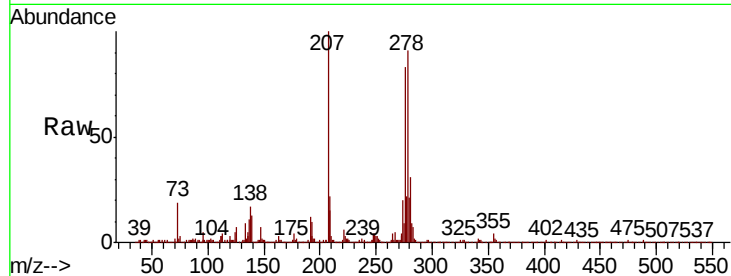




#95  
Dibenzo(a,h)anthracene  
Concen: 4.790 ng/ul  
RT: 25.87 min Scan# 3873  
Delta R.T. -0.01 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-03

Tot Ion:278 Resp: 73867  
Ion Ratio Lower Upper  
278 100  
139 13.8 9.4 14.0  
279 22.8 18.5 27.7



#96  
Benzo(g,h,i)perylene  
Concen: 4.926 ng/ul  
RT: 26.57 min Scan# 3992  
Delta R.T. -0.02 min  
Lab File: BP004998.D  
Acq: 18 Mar 2021 15:07

Tgt Ion:276 Resp: 76321  
Ion Ratio Lower Upper  
276 100  
138 18.3 14.3 21.5  
277 22.5 18.6 27.8

