

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031821\  
 Data File : BN013979.D  
 Acq On : 18 Mar 2021 12:57  
 Operator : CG/JU  
 Sample : M1344-06  
 Misc : SFAM-MDL-MES-02  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-MED-SOIL-QT2-2021-04

Quant Time: Mar 18 13:29:23 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN031721.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 18 10:04:56 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 141424   | 20.00 | ng/ul | 0.00     |
| 20) Naphthalene-d8        | 10.49 | 136  | 587483   | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.35 | 164  | 345550   | 20.00 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 17.09 | 188  | 713123   | 20.00 | ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.27 | 240  | 754719   | 20.00 | ng/ul | 0.00     |
| 88) Perylene-d12          | 23.50 | 264  | 739103   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.21  | 96  | 17992   | 5.01  | ng/uL | 0.00 |
| 4) Pyridine-d5                 | 3.61  | 84  | 288116  | 29.27 | ng/ul | 0.00 |
| 7) Phenol-d5                   | 6.87  | 99  | 409032  | 34.14 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d  | 7.05  | 67  | 268544  | 35.78 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4          | 7.24  | 132 | 334151  | 36.96 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8          | 8.40  | 113 | 312394  | 33.98 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5            | 8.86  | 128 | 150669  | 36.79 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4           | 9.58  | 143 | 150178  | 38.72 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3      | 10.10 | 165 | 291292  | 34.83 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4         | 10.62 | 131 | 426221  | 33.26 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6       | 13.76 | 166 | 890708  | 37.17 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8          | 14.04 | 160 | 1136534 | 38.88 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4           | 14.54 | 143 | 148446  | 31.94 | ng/ul | 0.00 |
| 60) Fluorene-d10               | 15.34 | 176 | 798446  | 37.43 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 102493  | 28.75 | ng/ul | 0.00 |
| 73) Anthracene-d10             | 17.19 | 188 | 1175343 | 35.77 | ng/ul | 0.00 |
| 81) Pyrene-d10                 | 19.49 | 212 | 1292513 | 33.90 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12         | 23.36 | 264 | 1461329 | 39.26 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue |    |
|--------------------------------|-------|-----|--------|-------|--------|----|
| 2) 1,4-Dioxane                 | 3.25  | 88  | 4661   | 1.264 | ng/uL# | 84 |
| 5) Pyridine                    | 3.63  | 79  | 47590  | 4.696 | ng/ul# | 52 |
| 6) Benzaldehyde                | 6.85  | 77  | 33001  | 5.558 | ng/ul  | 97 |
| 8) Phenol                      | 6.90  | 94  | 61038  | 4.685 | ng/ul  | 97 |
| 10) Bis(2-Chloroethyl)ether    | 7.13  | 93  | 48396  | 4.735 | ng/ul  | 99 |
| 12) 2-Chlorophenol             | 7.27  | 128 | 47097  | 4.800 | ng/ul  | 99 |
| 13) 2-Methylphenol             | 8.14  | 108 | 39486  | 4.195 | ng/ul  | 92 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.23  | 45  | 70780  | 4.609 | ng/ul  | 99 |
| 16) Acetophenone               | 8.52  | 105 | 68491  | 4.488 | ng/ul  | 95 |
| 17) N-Nitroso-di-n-propylamine | 8.50  | 70  | 31222  | 4.417 | ng/ul  | 97 |
| 18) 4-Methylphenol             | 8.46  | 108 | 45753  | 4.442 | ng/ul  | 96 |
| 19) Hexachloroethane           | 8.78  | 117 | 18944  | 4.667 | ng/ul  | 99 |
| 22) Nitrobenzene               | 8.90  | 77  | 53580  | 4.858 | ng/ul  | 92 |
| 23) Isophorone                 | 9.42  | 82  | 78990  | 4.233 | ng/ul  | 97 |
| 25) 2-Nitrophenol              | 9.60  | 139 | 23308  | 5.127 | ng/ul  | 97 |
| 26) 2,4-Dimethylphenol         | 9.66  | 107 | 49300  | 4.607 | ng/ul  | 97 |
| 27) Bis(2-Chloroethoxy)methane | 9.90  | 93  | 58310  | 4.508 | ng/ul  | 96 |
| 29) 2,4-Dichlorophenol         | 10.13 | 162 | 41750  | 4.764 | ng/ul  | 94 |
| 30) Naphthalene                | 10.54 | 128 | 154039 | 4.775 | ng/ul  | 99 |
| 32) 4-Chloroaniline            | 10.65 | 127 | 61721  | 4.650 | ng/ul  | 96 |
| 33) Hexachlorobutadiene        | 10.83 | 225 | 27582  | 4.955 | ng/ul  | 90 |
| 34) Caprolactam                | 11.41 | 113 | 7857   | 2.990 | ng/ul  | 90 |

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Quant Time: Mar 18 13:29:23 2021  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 18 10:04:56 2021  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 4-Chloro-3-methylphenol    | 11.77 | 107  | 35783    | 4.030 | ng/ul  | 94       |
| 36) 2-Methylnaphthalene        | 12.15 | 142  | 103607   | 4.725 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene        | 12.37 | 142  | 100014   | 4.599 | ng/ul  | 96       |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.53 | 216  | 51904    | 4.767 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene  | 12.50 | 237  | 23772    | 3.614 | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol      | 12.77 | 196  | 24188    | 3.981 | ng/ul  | 94       |
| 42) 2,4,5-Trichlorophenol      | 12.83 | 196  | 28787    | 4.233 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl              | 13.17 | 154  | 129547   | 4.678 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene        | 13.22 | 162  | 102877   | 4.769 | ng/ul  | 96       |
| 45) 2-Nitroaniline             | 13.42 | 65   | 19210    | 3.672 | ng/ul  | 96       |
| 47) Dimethylphthalate          | 13.80 | 163  | 122492   | 4.874 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene         | 13.92 | 165  | 16859    | 3.784 | ng/ul  | 98       |
| 50) Acenaphthylene             | 14.06 | 152  | 152202   | 4.848 | ng/ul  | 98       |
| 51) 3-Nitroaniline             | 14.25 | 138  | 17661    | 3.320 | ng/ul  | 93       |
| 52) Acenaphthene               | 14.41 | 153  | 109376   | 4.784 | ng/ul  | 95       |
| 53) 2,4-Dinitrophenol          | 14.45 | 184  | 5882     | 2.384 | ng/ul  | 90       |
| 55) 4-Nitrophenol              | 14.55 | 109  | 16836    | 4.450 | ng/ul  | 96       |
| 56) Dibenzofuran               | 14.75 | 168  | 155556   | 4.922 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene         | 14.70 | 165  | 26406    | 4.129 | ng/ul  | 92       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.97 | 232  | 21298    | 4.045 | ng/ul  | 92       |
| 59) Diethylphthalate           | 15.17 | 149  | 111580   | 4.547 | ng/ul  | 97       |
| 61) Fluorene                   | 15.39 | 166  | 123167   | 4.827 | ng/ul  | 97       |
| 62) 4-Chlorophenyl-phenylether | 15.39 | 204  | 59979    | 4.871 | ng/ul  | 98       |
| 63) 4-Nitroaniline             | 15.41 | 138  | 19728    | 3.745 | ng/ul  | 97       |
| 66) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 14989    | 3.984 | ng/ul# | 93       |
| 67) N-Nitrosodiphenylamine     | 15.60 | 169  | 99231    | 4.573 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether  | 16.29 | 248  | 33018    | 4.531 | ng/ul  | 96       |
| 69) Hexachlorobenzene          | 16.40 | 284  | 40803    | 4.831 | ng/ul  | 90       |
| 70) Atrazine                   | 16.55 | 200  | 27026    | 3.679 | ng/ul  | 97       |
| 71) Pentachlorophenol          | 16.74 | 266  | 12971    | 2.862 | ng/ul  | 93       |
| 72) Phenanthrene               | 17.13 | 178  | 196120   | 4.826 | ng/ul  | 100      |
| 74) Anthracene                 | 17.22 | 178  | 199209   | 4.797 | ng/ul  | 97       |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.13 | 216  | 50384    | 4.535 | ng/uL  | 97       |
| 76) Pentachlorobenzene         | 14.66 | 250  | 46601    | 4.203 | ng/uL  | 96       |
| 77) Carbazole                  | 17.49 | 167  | 165151   | 4.476 | ng/ul  | 97       |
| 78) Di-n-butylphthalate        | 18.06 | 149  | 149056   | 3.915 | ng/ul  | 99       |
| 80) Fluoranthene               | 19.15 | 202  | 211148   | 4.439 | ng/ul  | 99       |
| 82) Pyrene                     | 19.51 | 202  | 238978   | 4.684 | ng/ul  | 96       |
| 83) Butylbenzylphthalate       | 20.42 | 149  | 53020    | 3.269 | ng/ul  | 100      |
| 84) 3,3'-Dichlorobenzidine     | 21.19 | 252  | 40849    | 3.075 | ng/ul  | 90       |
| 85) Benzo(a)anthracene         | 21.26 | 228  | 217805   | 4.494 | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 84361    | 3.366 | ng/ul  | 98       |
| 87) Chrysene                   | 21.31 | 228  | 229370   | 4.821 | ng/ul  | 97       |
| 89) Di-n-octyl phthalate       | 22.07 | 149  | 140003   | 3.010 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene       | 22.83 | 252  | 227009   | 4.833 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene       | 22.87 | 252  | 217163   | 4.604 | ng/ul  | 97       |
| 93) Benzo(a)pyrene             | 23.40 | 252  | 212609   | 5.027 | ng/ul  | 93       |
| 94) Indeno(1,2,3-cd)pyrene     | 25.73 | 276  | 258120   | 4.844 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene     | 25.74 | 278  | 220979   | 4.921 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene       | 26.42 | 276  | 210111   | 4.766 | ng/ul  | 97       |

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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
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MDL-MED-SOIL-QT2-2021-04

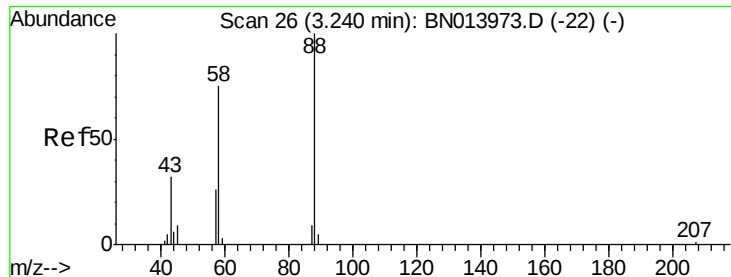
Quant Time: Mar 18 13:29:23 2021  
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Quant Title : SVOA CALIBRATION  
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

|       |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|
| ----- |  |  |  |  |  |  |
| ----- |  |  |  |  |  |  |

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





#2

1,4-Dioxane

Concen: 1.264 ng/uL

RT: 3.25 min Scan# 27

Delta R.T. 0.01 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04

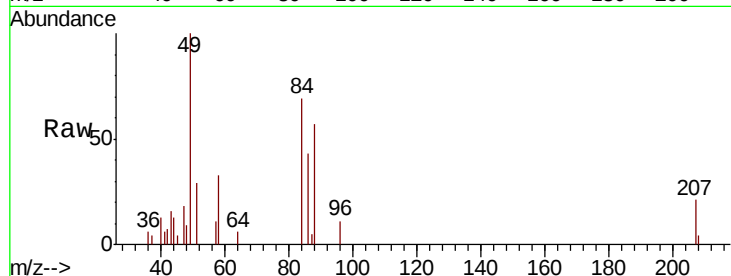
Tot Ion: 88 Resp: 4661

Ion Ratio Lower Upper

88 100

43 27.9 25.1 37.7

58 57.6 59.2 88.8#

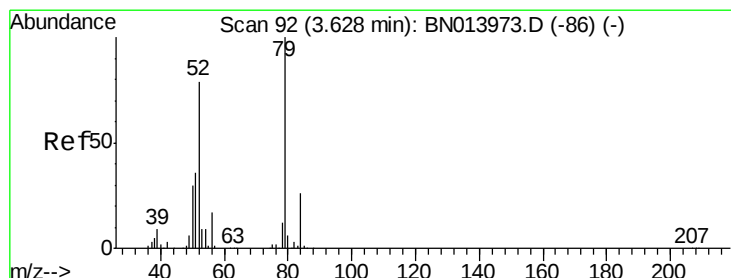
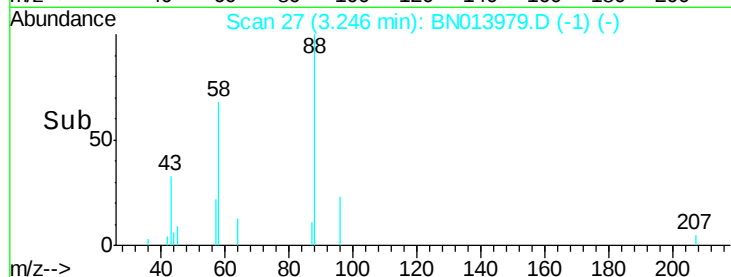


Abundance Ion 88.00 (87.70 to 88.70): BN013979.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BN013979.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BN013979.D (-1) (-)

Time-->



#5

Pyridine

Concen: 4.696 ng/uL

RT: 3.63 min Scan# 92

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

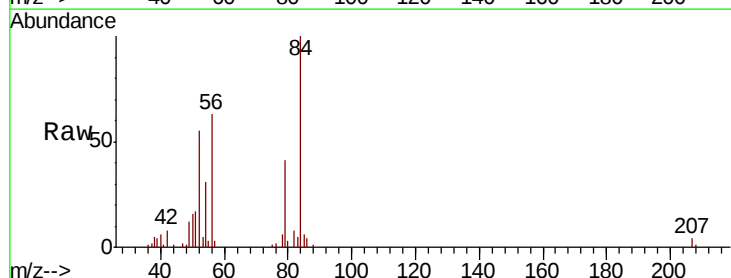
Tgt Ion: 79 Resp: 47590

Ion Ratio Lower Upper

79 100

52 133.4 61.8 92.8#

51 42.8 28.7 43.1

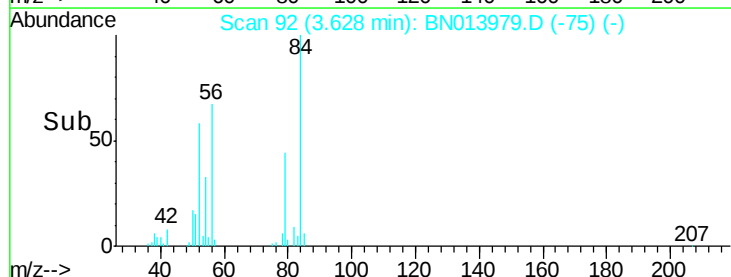


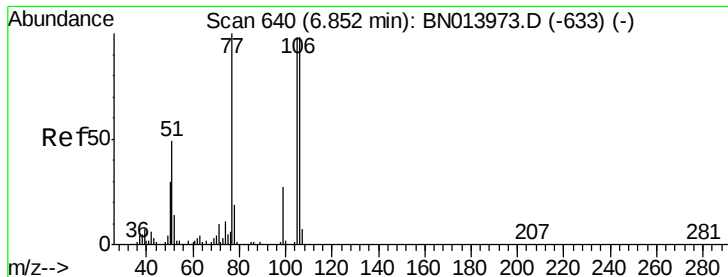
Abundance Ion 79.00 (78.70 to 79.70): BN013979.D (-75) (-)

Ion 52.00 (51.70 to 52.70): BN013979.D (-75) (-)

Ion 51.00 (50.70 to 51.70): BN013979.D (-75) (-)

Time-->





#6

Benzaldehyde

Concen: 5.558 ng/ul

RT: 6.85 min Scan# 640

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04

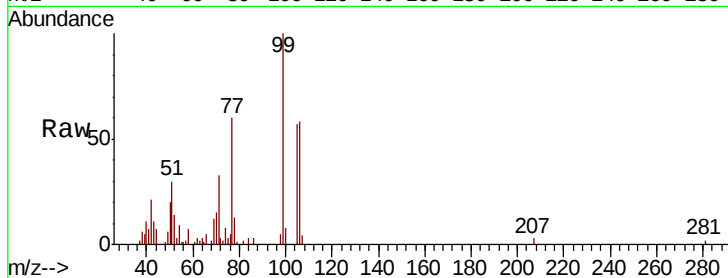
Tot Ion: 77 Resp: 33001

Ion Ratio Lower Upper

77 100

105 95.8 79.8 119.8

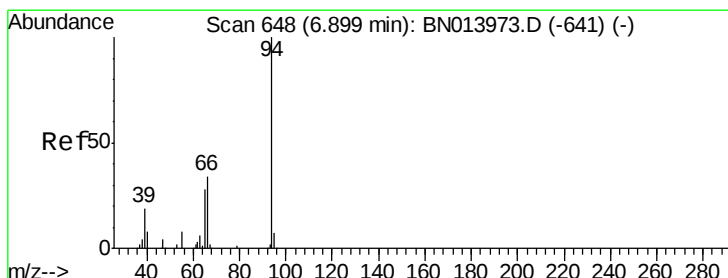
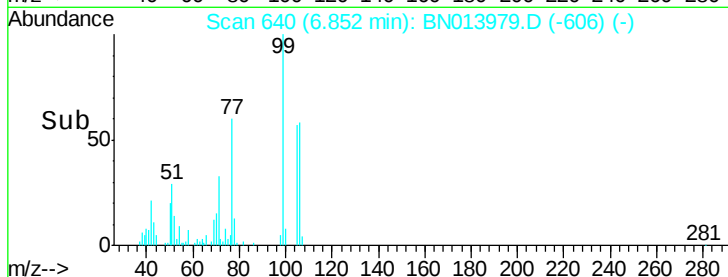
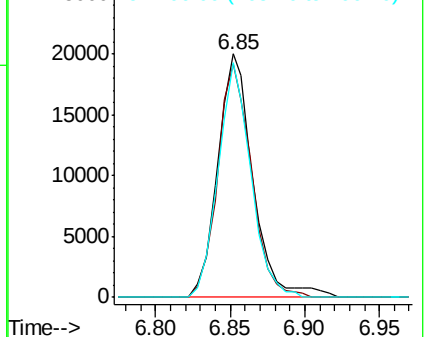
106 96.6 75.8 113.8



Abundance Ion 77.00 (76.70 to 77.70): BN013979.D (-606) (-)

Ion 105.00 (104.70 to 105.70): BN013979.D (-606) (-)

Ion 106.00 (105.70 to 106.70): BN013979.D (-606) (-)



#8

Phenol

Concen: 4.685 ng/ul

RT: 6.90 min Scan# 648

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

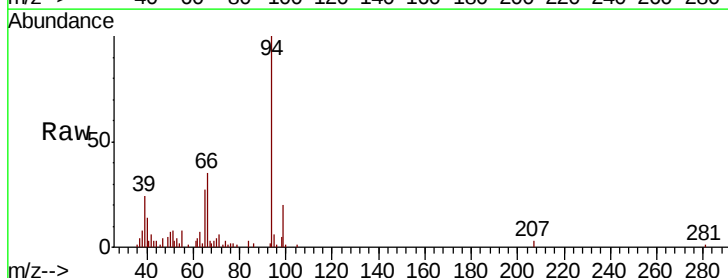
Tgt Ion: 94 Resp: 61038

Ion Ratio Lower Upper

94 100

65 26.8 23.0 34.6

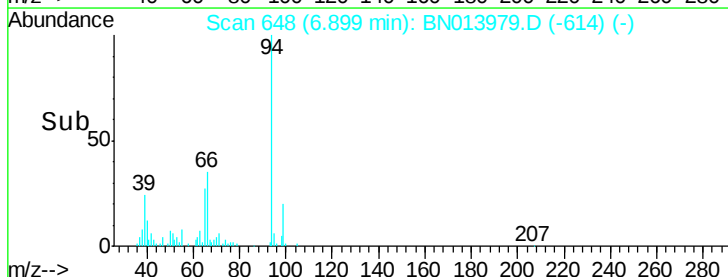
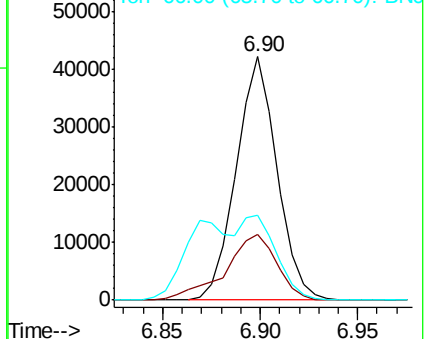
66 35.0 29.0 43.6

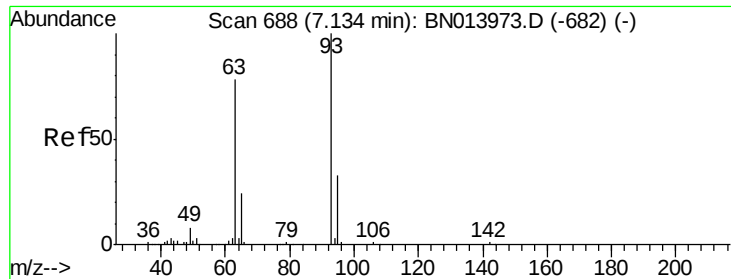


Abundance Ion 94.00 (93.70 to 94.70): BN013979.D (-614) (-)

Ion 65.00 (64.70 to 65.70): BN013979.D (-614) (-)

Ion 66.00 (65.70 to 66.70): BN013979.D (-614) (-)

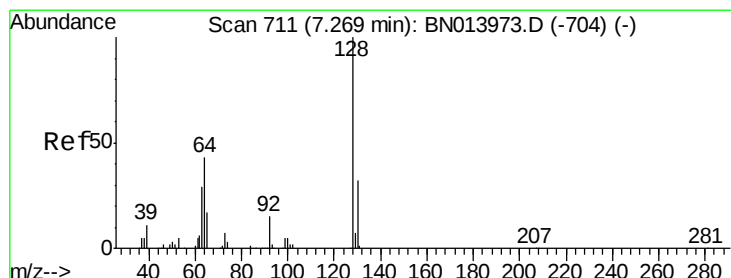
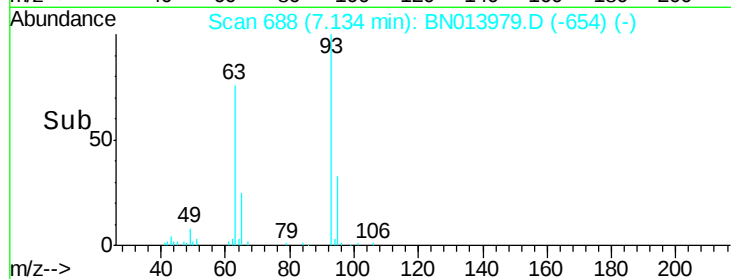
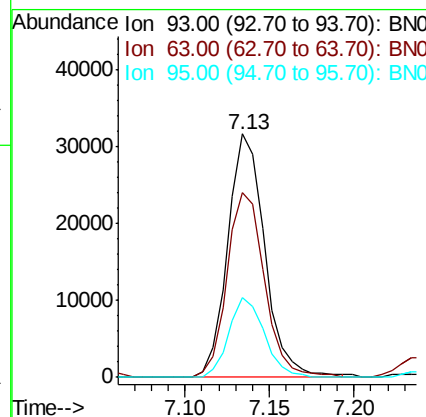
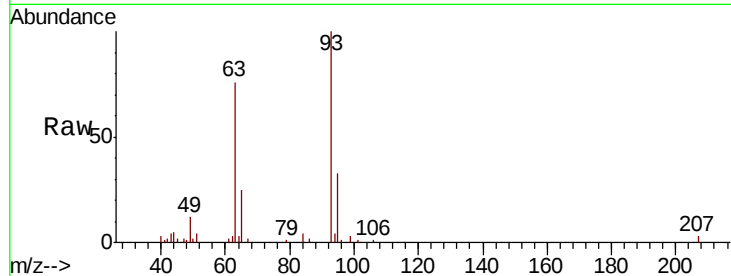




#10  
Bis(2-Chloroethyl)ether  
Concen: 4.735 ng/ul  
RT: 7.13 min Scan# 688  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

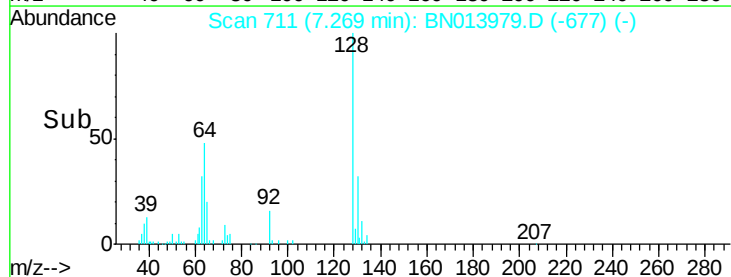
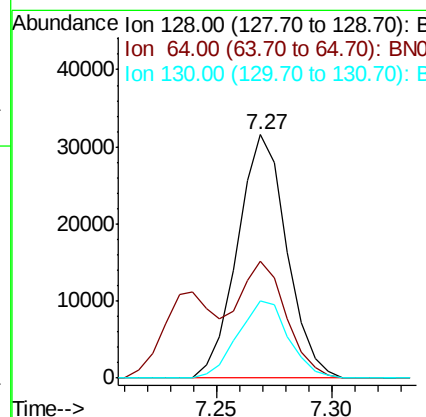
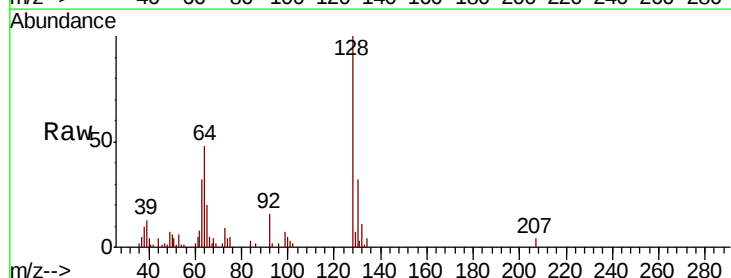
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

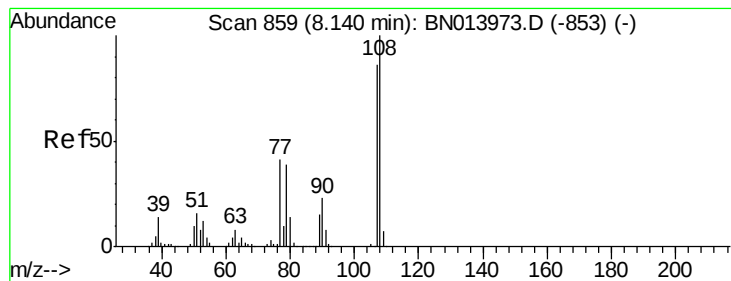
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.0  | 61.6  | 92.4  |
| 95      | 32.8  | 26.0  | 39.0  |



#12  
2-Chlorophenol  
Concen: 4.800 ng/ul  
RT: 7.27 min Scan# 711  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 48.0  | 39.0  | 58.4  |
| 130     | 31.6  | 25.5  | 38.3  |





#13

2-Methylphenol

Concen: 4.195 ng/ul

RT: 8.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

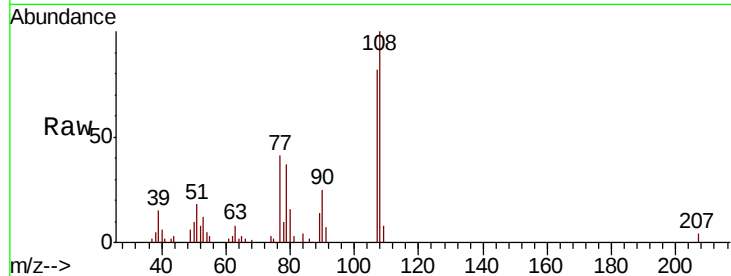
MDL-MED-SOIL-QT2-2021-04

Tot Ion:108 Resp: 39486

Ion Ratio Lower Upper

108 100

107 81.7 71.3 106.9

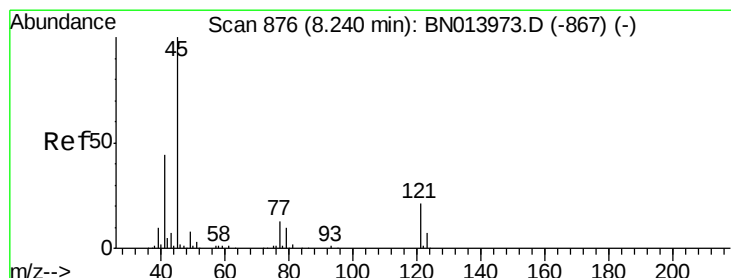
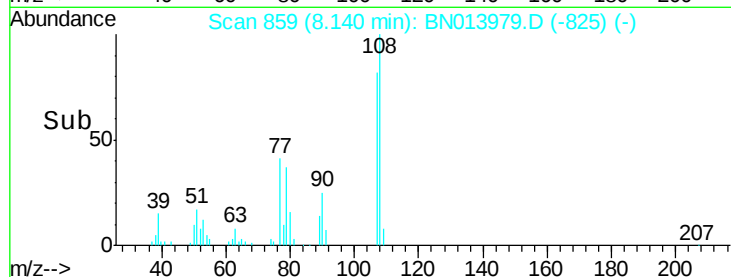


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.14

Time-->



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.609 ng/ul

RT: 8.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

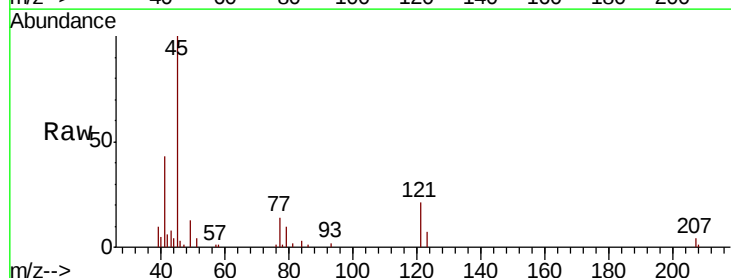
Tgt Ion: 45 Resp: 70780

Ion Ratio Lower Upper

45 100

77 13.6 10.3 15.5

79 10.4 8.1 12.1



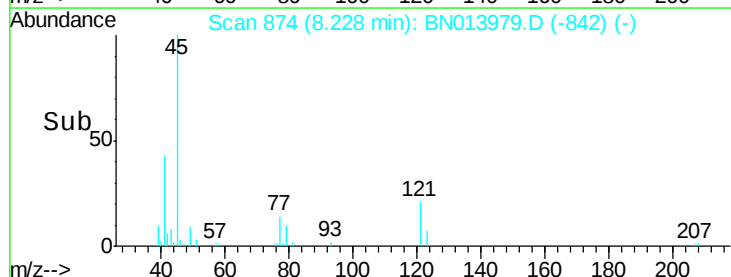
Abundance Ion 45.00 (44.70 to 45.70): BNC

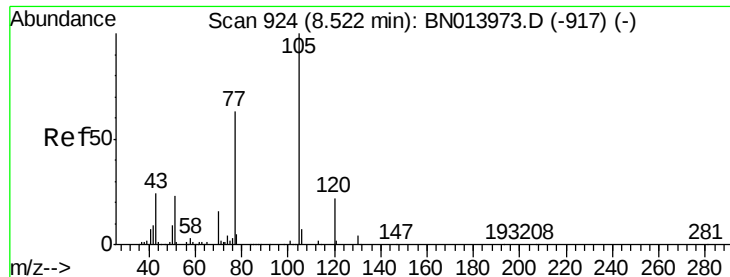
Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC

8.23

Time-->





#16

Acetophenone

Concen: 4.488 ng/ul

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04

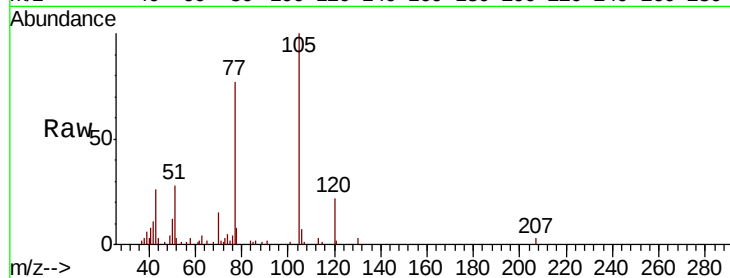
Tot Ion:105 Resp: 68491

Ion Ratio Lower Upper

105 100

77 76.9 65.1 97.7

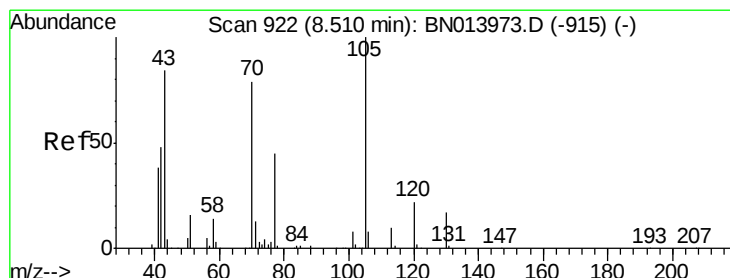
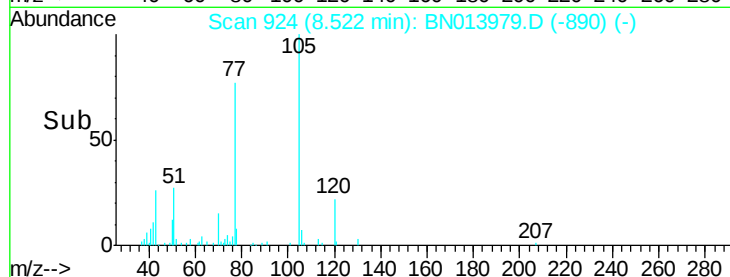
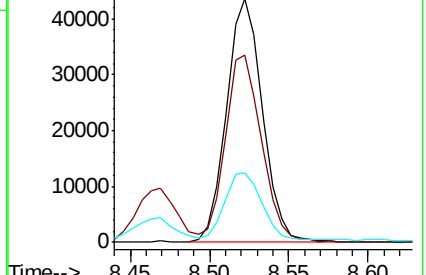
51 28.4 24.2 36.2



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#17

N-Nitroso-di-n-propylamine

Concen: 4.417 ng/ul

RT: 8.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Tgt Ion: 70 Resp: 31222

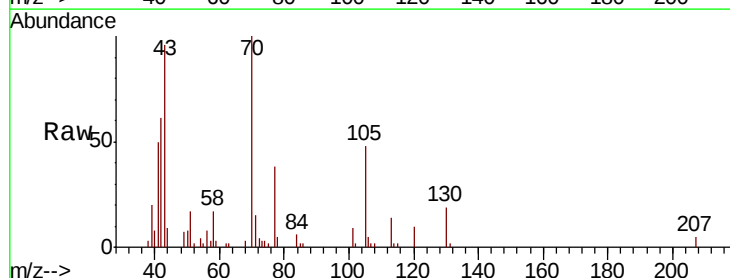
Ion Ratio Lower Upper

70 100

42 61.0 50.3 75.5

101 9.1 7.2 10.8

130 18.9 16.6 25.0

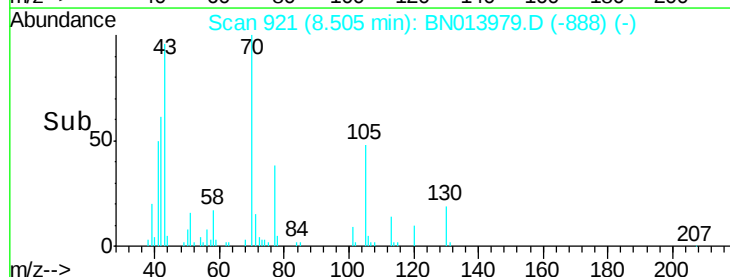
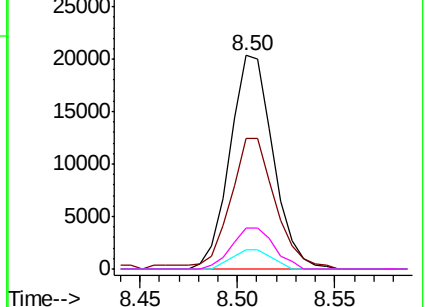


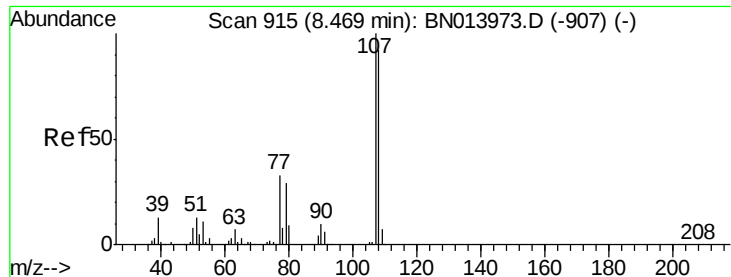
Abundance Ion 70.00 (69.70 to 70.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 101.00 (100.70 to 101.70): BNC

Ion 130.00 (129.70 to 130.70): BNC

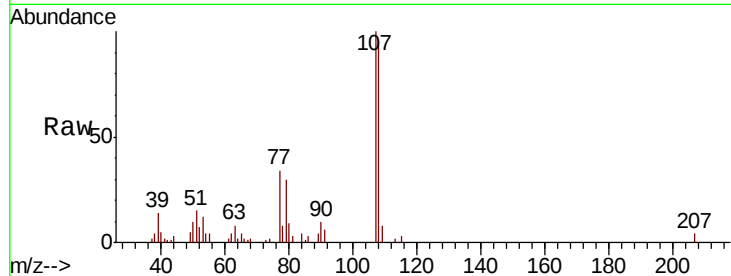




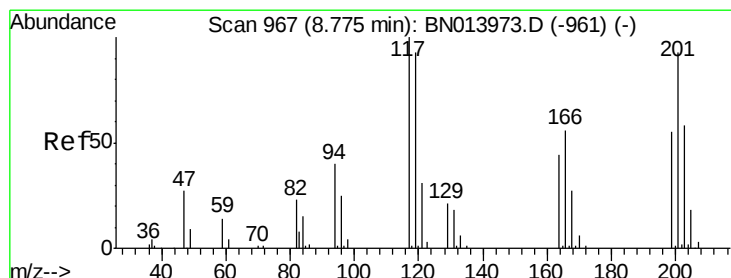
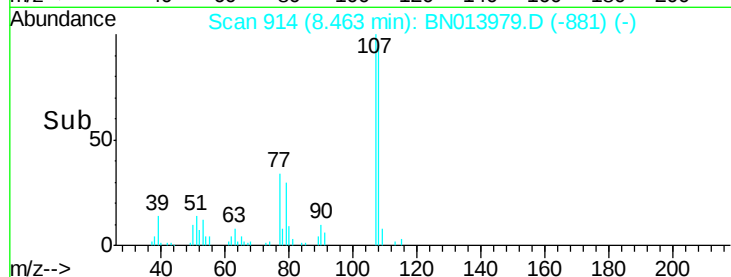
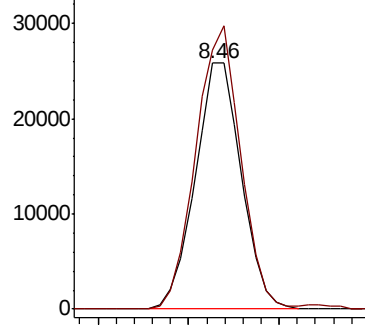
#18  
4-Methylphenol  
Concen: 4.442 ng/ul  
RT: 8.46 min Scan# 914  
Delta R.T. -0.01 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

Tot Ion:108 Resp: 45753  
Ion Ratio Lower Upper  
108 100  
107 105.5 88.2 132.4

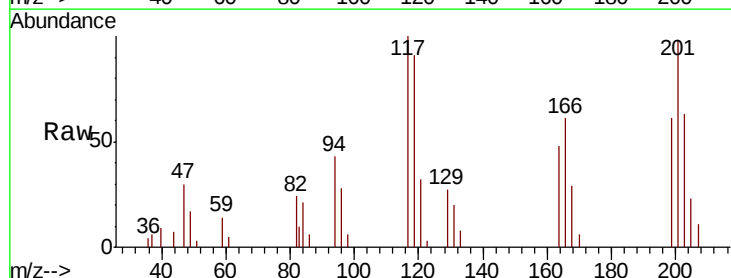


Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E

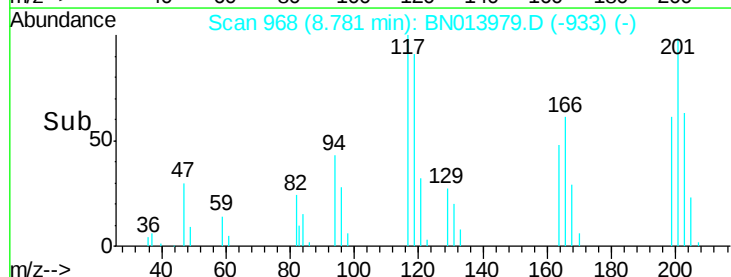
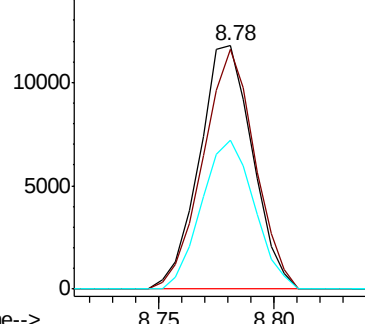


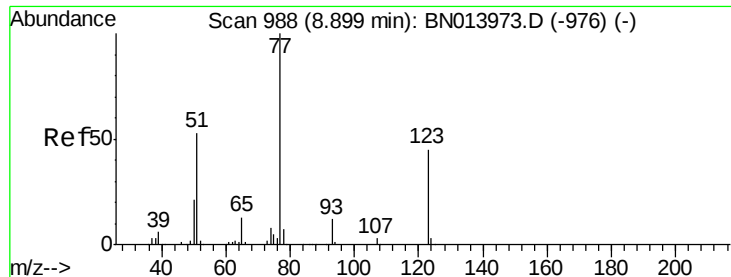
#19  
Hexachloroethane  
Concen: 4.667 ng/ul  
RT: 8.78 min Scan# 968  
Delta R.T. 0.01 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Tgt Ion:117 Resp: 18944  
Ion Ratio Lower Upper  
117 100  
201 98.4 78.9 118.3  
199 61.0 48.2 72.2



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

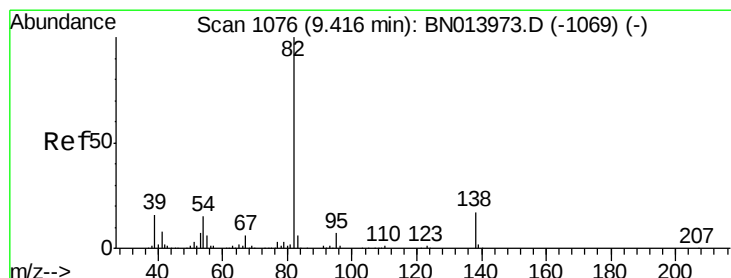
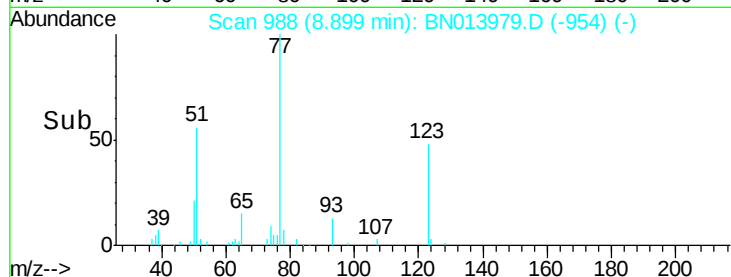
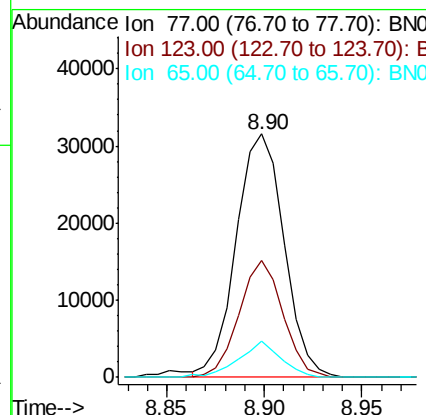
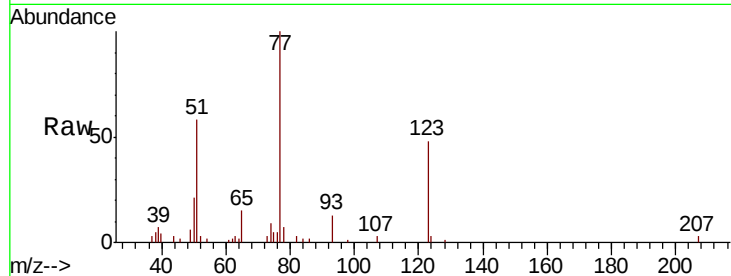




#22  
 Nitrobenzene  
 Concen: 4.858 ng/ul  
 RT: 8.90 min Scan# 988  
 Delta R.T. -0.00 min  
 Lab File: BN013979.D  
 Acq: 18 Mar 2021 12:57

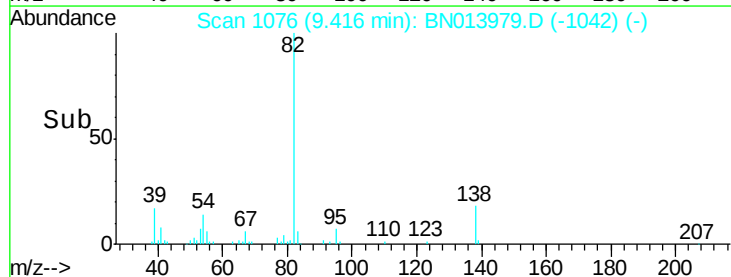
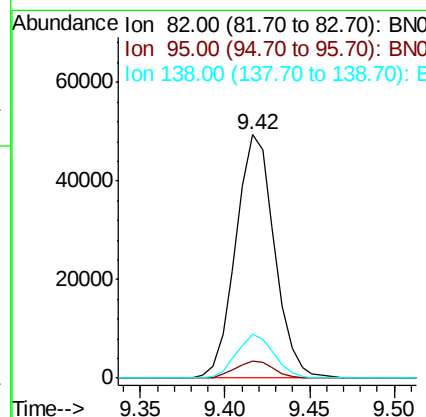
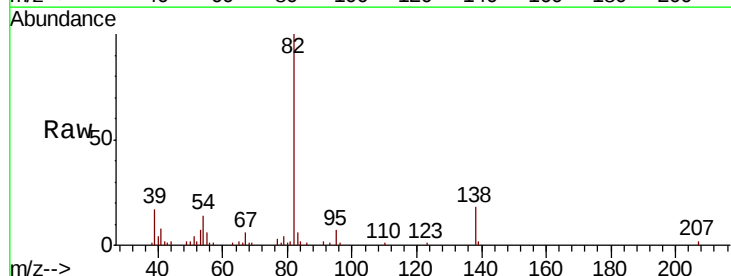
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-MED-SOIL-QT2-2021-04

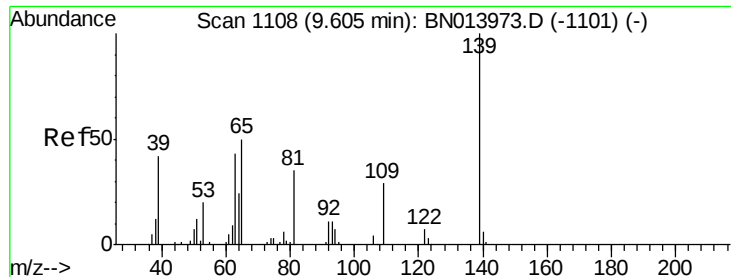
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 47.8  | 33.7  | 50.5  |
| 65      | 14.7  | 10.6  | 15.8  |



#23  
 Isophorone  
 Concen: 4.233 ng/ul  
 RT: 9.42 min Scan# 1076  
 Delta R.T. -0.00 min  
 Lab File: BN013979.D  
 Acq: 18 Mar 2021 12:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.1   | 5.4   | 8.0   |
| 138     | 18.2  | 13.4  | 20.2  |

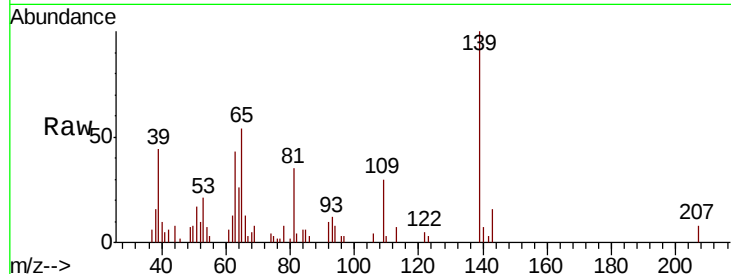




#25  
2-Nitrophenol  
Concen: 5.127 ng/ul  
RT: 9.60 min Scan# 1108  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 65      | 53.9  | 41.6  | 62.4  |
| 109     | 30.5  | 23.3  | 34.9  |

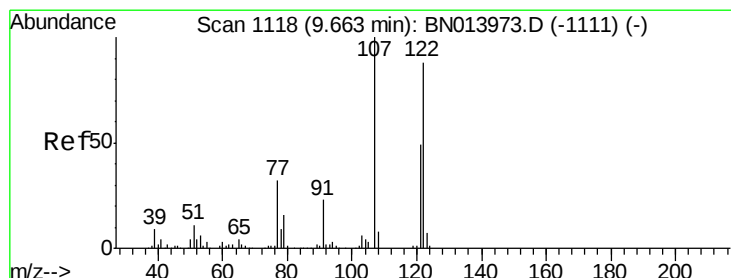
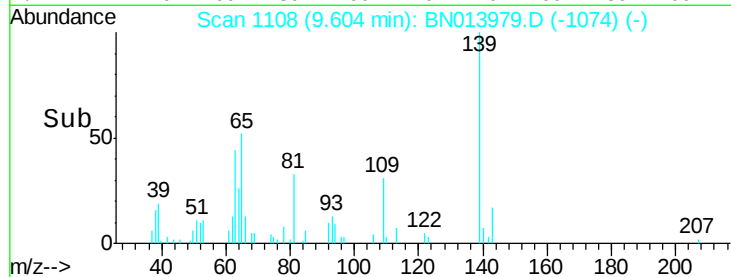
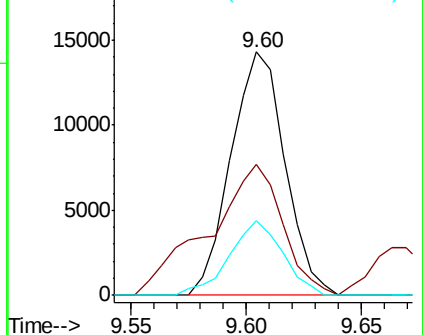


Abundance

Ion 139.00 (138.70 to 139.70): E

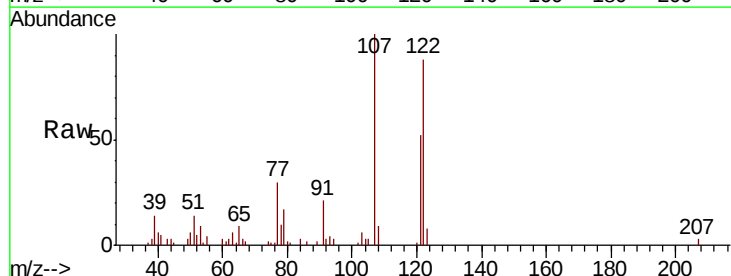
Ion 65.00 (64.70 to 65.70): B

Ion 109.00 (108.70 to 109.70): E



#26  
2,4-Dimethylphenol  
Concen: 4.607 ng/ul  
RT: 9.66 min Scan# 1118  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 52.3  | 40.5  | 60.7  |
| 122     | 88.1  | 67.7  | 101.5 |

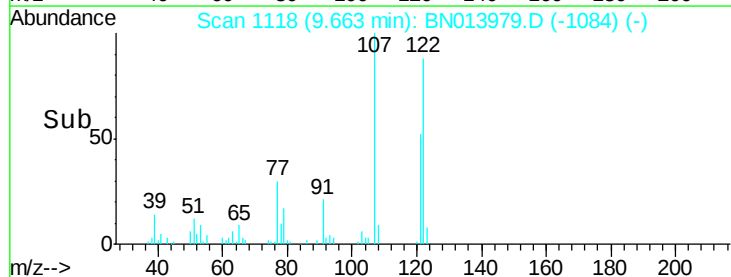
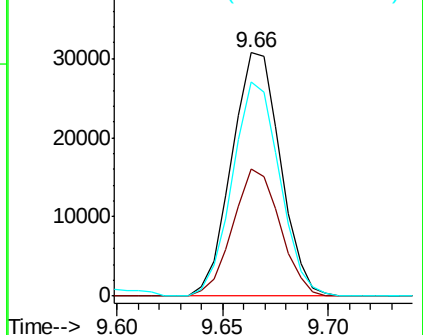


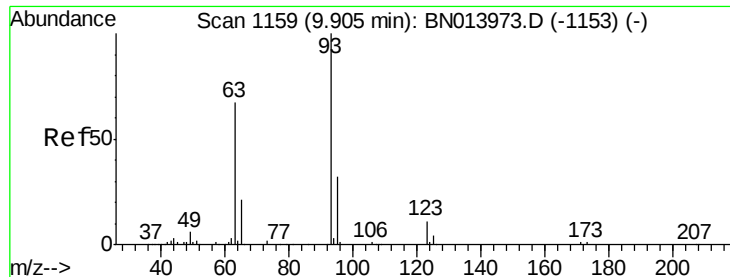
Abundance

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: 4.508 ng/ul

RT: 9.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04

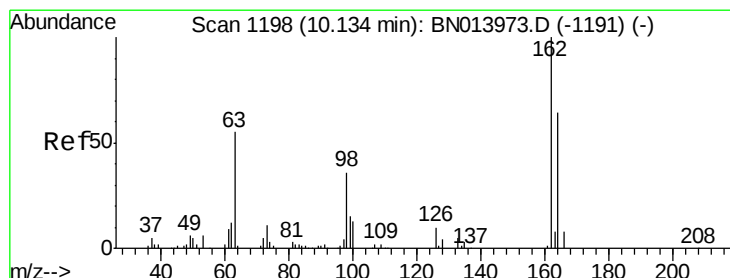
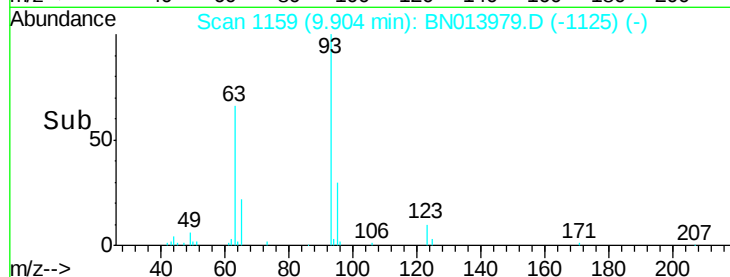
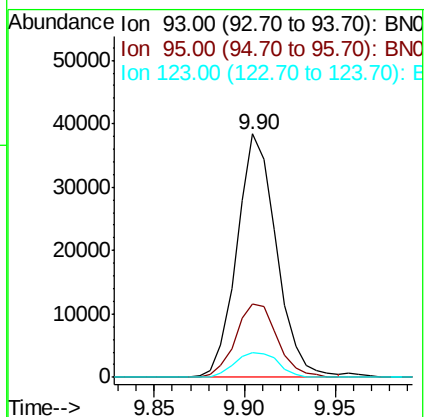
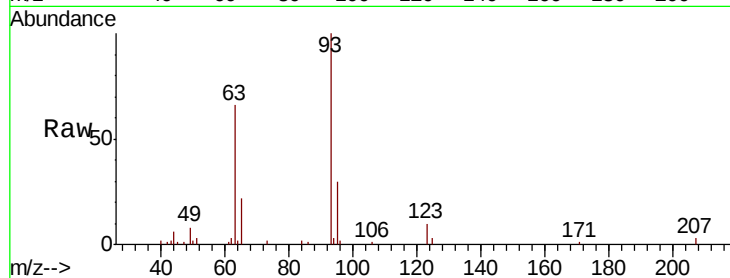
Tot Ion: 93 Resp: 58310

Ion Ratio Lower Upper

93 100

95 30.0 25.8 38.8

123 10.0 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 4.764 ng/ul

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

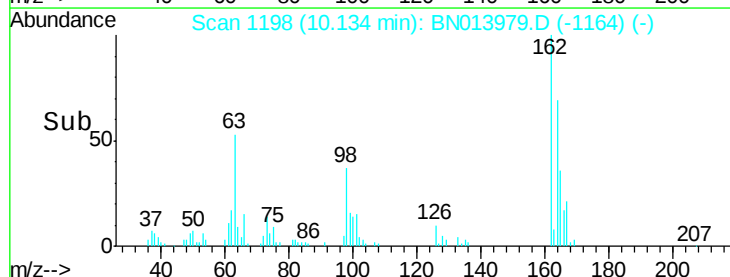
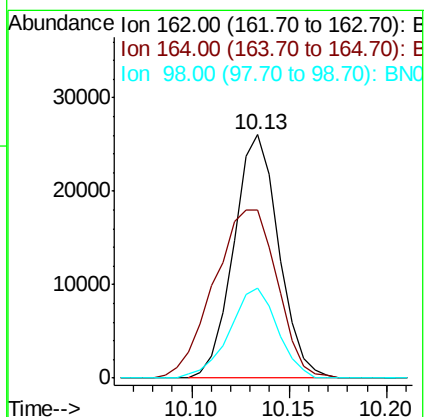
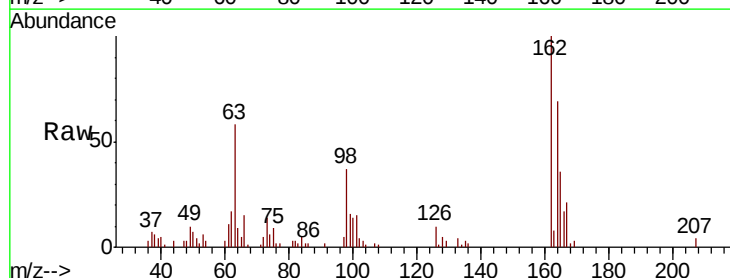
Tgt Ion: 162 Resp: 41750

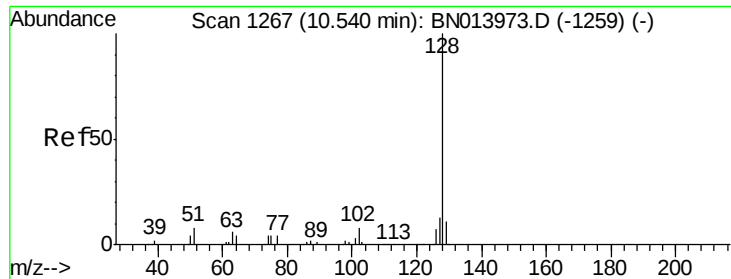
Ion Ratio Lower Upper

162 100

164 68.9 49.9 74.9

98 37.1 29.1 43.7

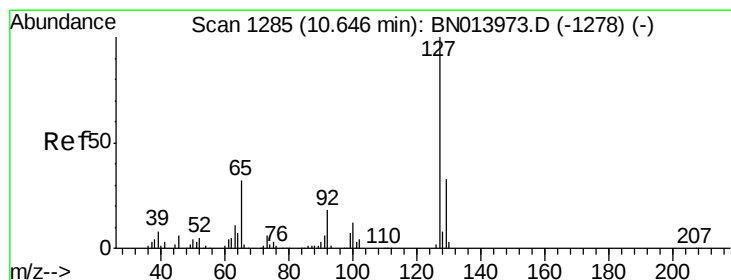
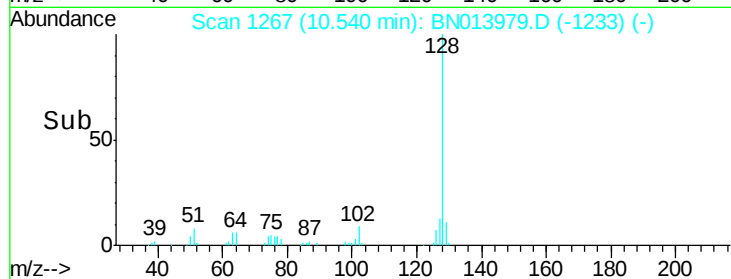
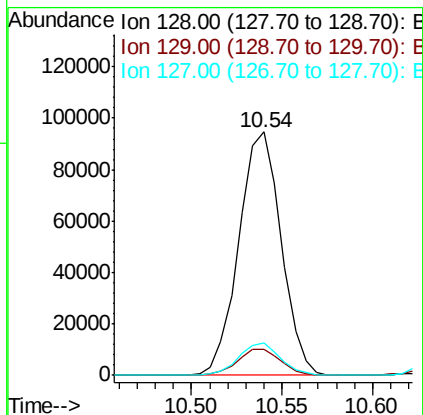
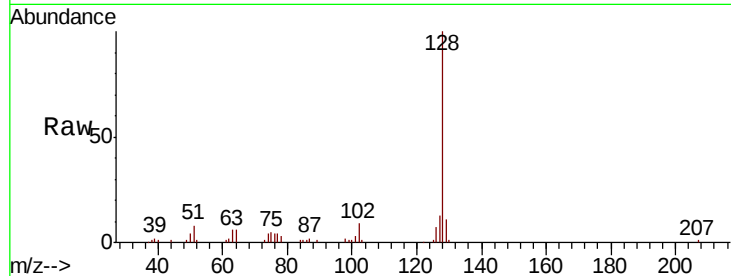




#30  
Naphthalene  
Concen: 4.775 ng/ul  
RT: 10.54 min Scan# 1267  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

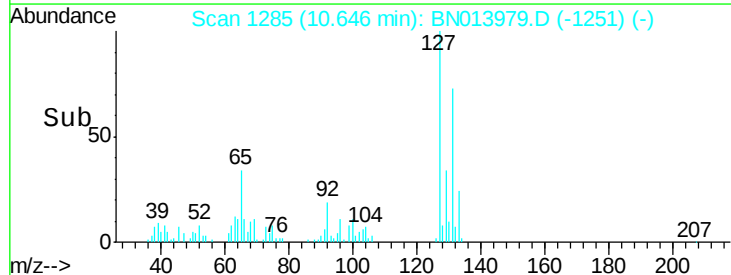
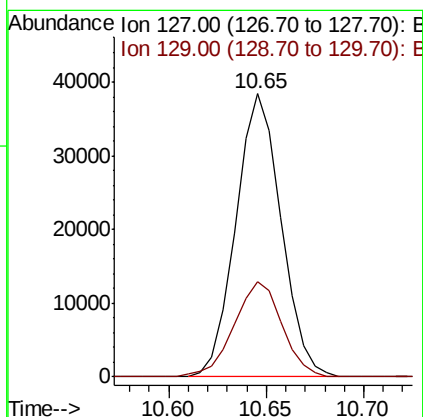
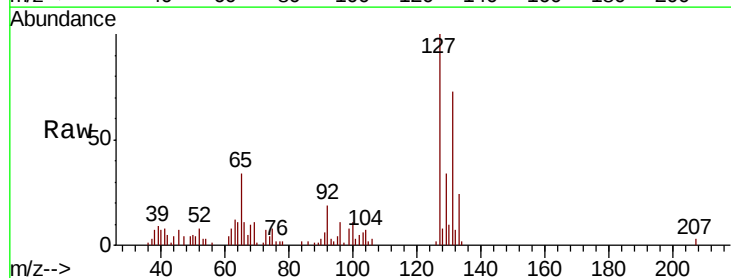
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

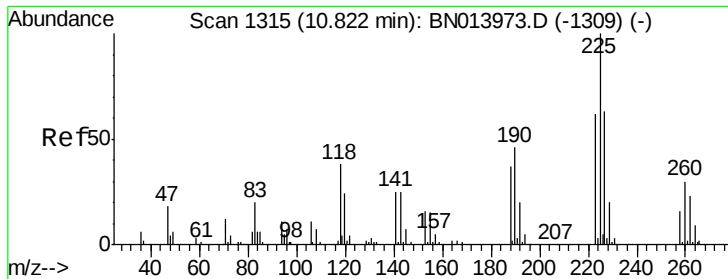
Tot Ion:128 Resp: 154039  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.6 12.8  
127 13.3 10.3 15.5



#32  
4-Chloroaniline  
Concen: 4.650 ng/ul  
RT: 10.65 min Scan# 1285  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Tgt Ion:127 Resp: 61721  
Ion Ratio Lower Upper  
127 100  
129 33.8 25.2 37.8

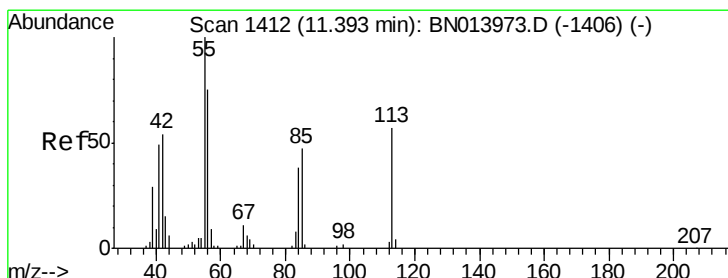
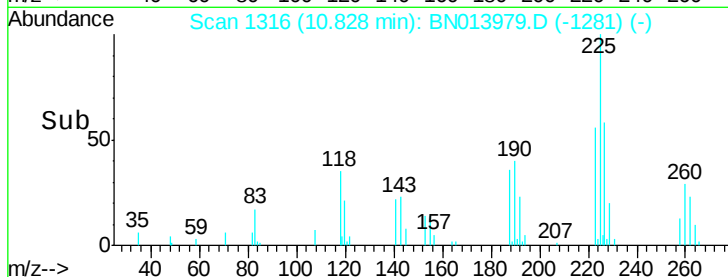
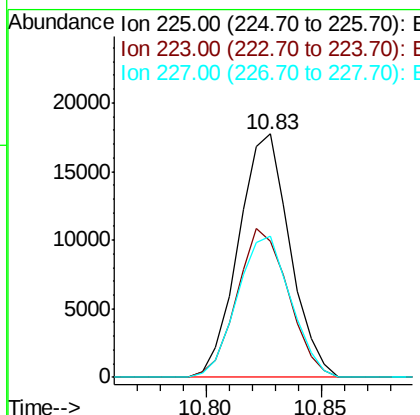
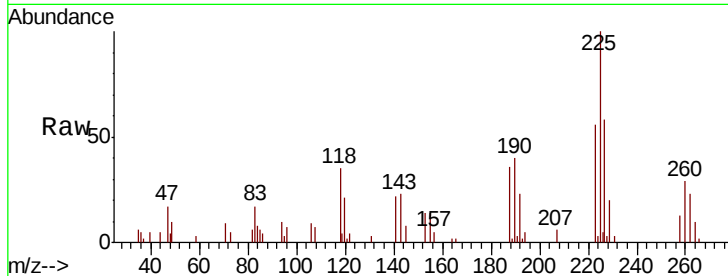




#33  
Hexachlorobutadiene  
Concen: 4.955 ng/ul  
RT: 10.83 min Scan# 1316  
Delta R.T. 0.01 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

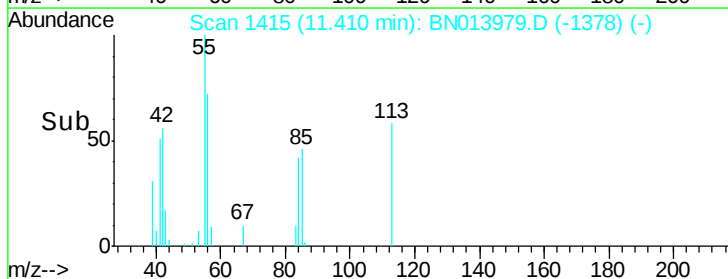
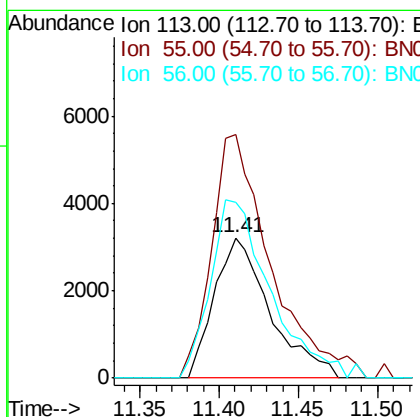
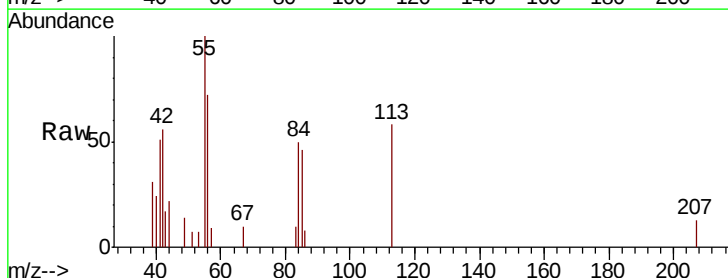
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

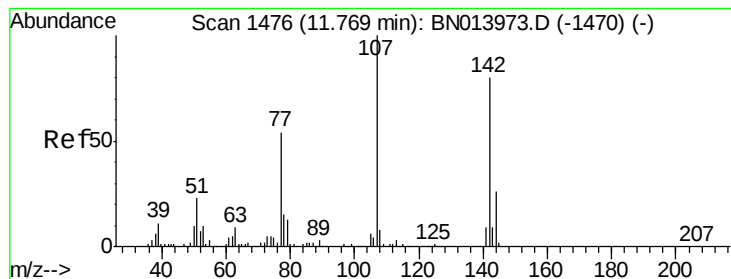
Tot Ion:225 Resp: 27582  
Ion Ratio Lower Upper  
225 100  
223 55.6 52.6 78.8  
227 58.2 51.0 76.4



#34  
Caprolactam  
Concen: 2.990 ng/ul  
RT: 11.41 min Scan# 1415  
Delta R.T. 0.02 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Tgt Ion:113 Resp: 7857  
Ion Ratio Lower Upper  
113 100  
55 173.4 150.2 225.4  
56 125.3 111.2 166.8





#35

4-Chloro-3-methylphenol

Concen: 4.030 ng/ul

RT: 11.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04

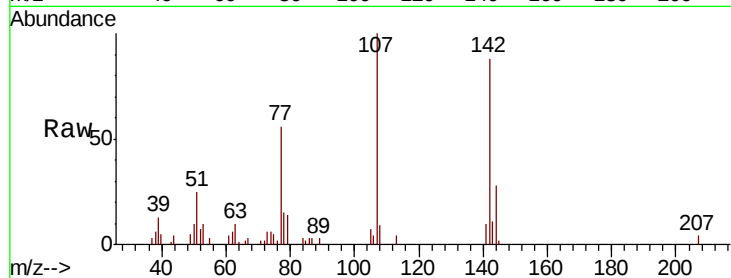
Tot Ion:107 Resp: 35783

Ion Ratio Lower Upper

107 100

144 27.7 21.0 31.4

142 88.1 65.9 98.9

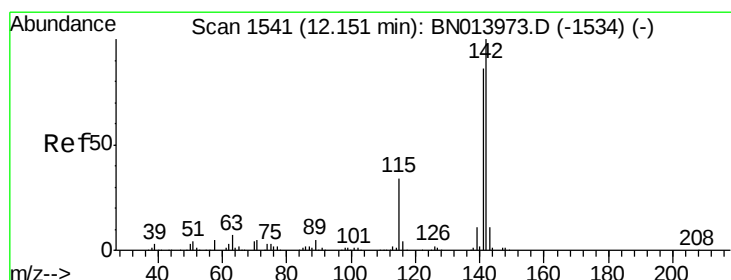
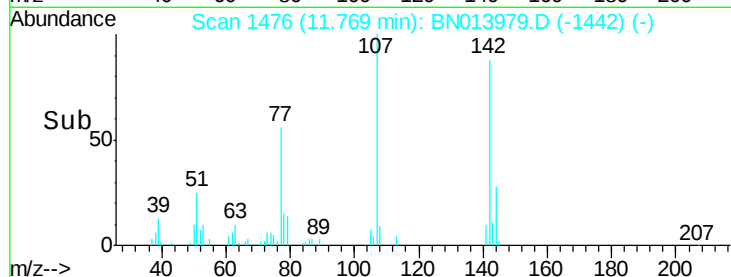
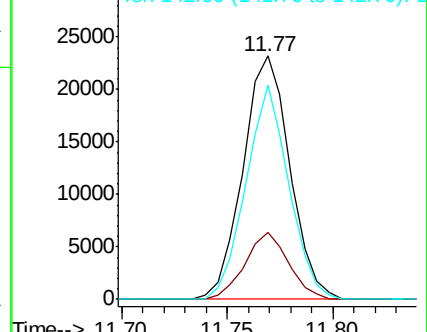


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#36

2-Methylnaphthalene

Concen: 4.725 ng/ul

RT: 12.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BN013979.D

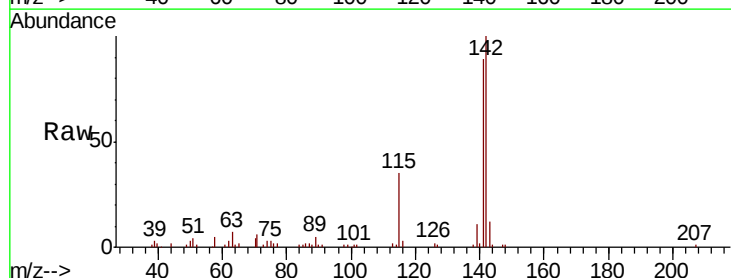
Acq: 18 Mar 2021 12:57

Tgt Ion:142 Resp: 103607

Ion Ratio Lower Upper

142 100

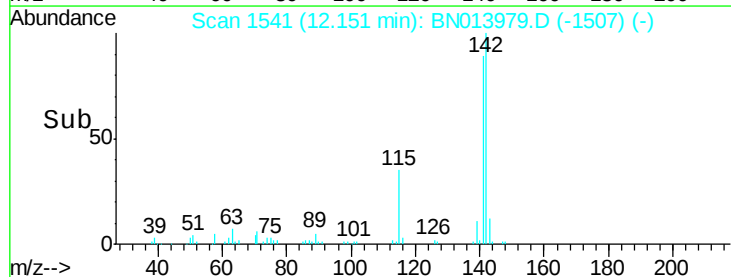
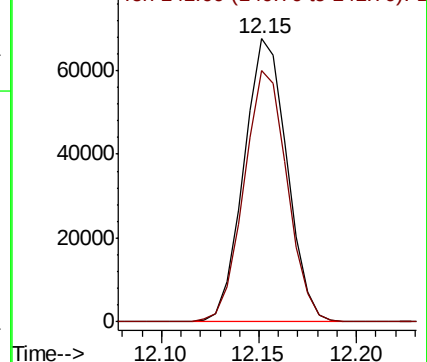
141 88.7 72.1 108.1

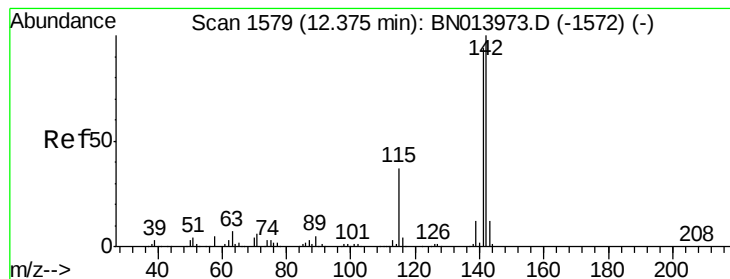


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#37

1-Methylnaphthalene

Concen: 4.599 ng/ul

RT: 12.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04

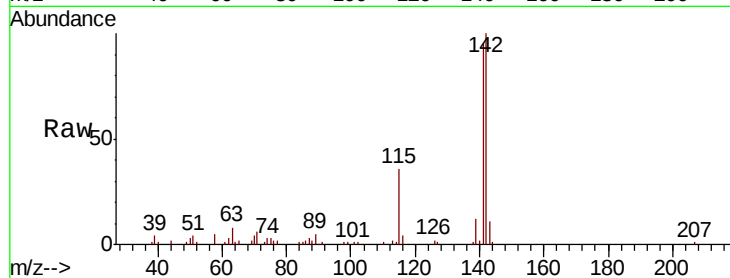
Tot Ion:142 Resp: 100014

Ion Ratio Lower Upper

142 100

141 95.4 73.1 109.7

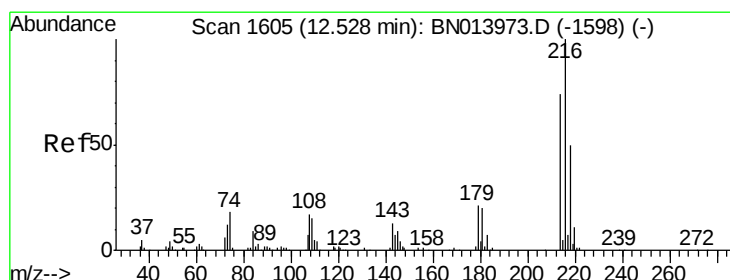
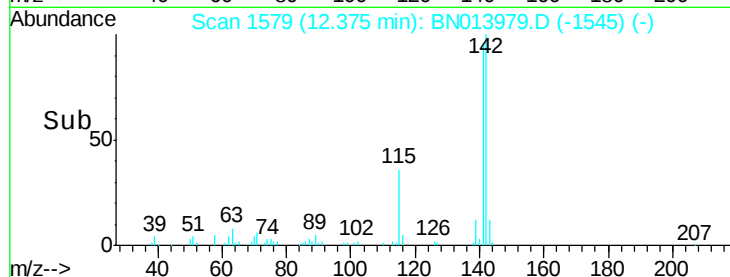
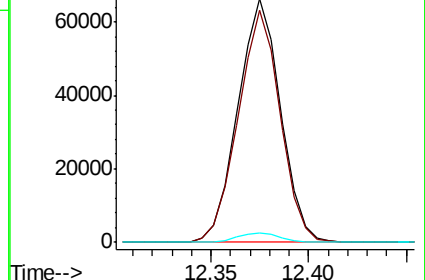
116 4.0 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.767 ng/ul

RT: 12.53 min Scan# 1605

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Tgt Ion:216 Resp: 51904

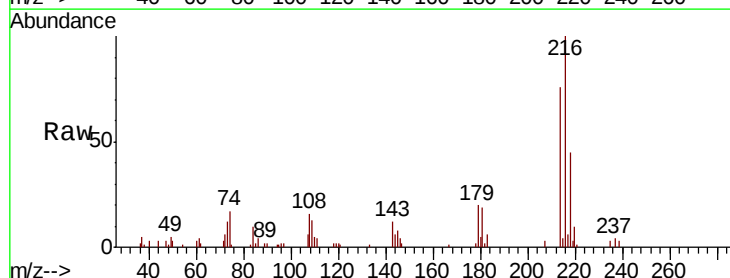
Ion Ratio Lower Upper

216 100

214 76.3 61.5 92.3

179 20.4 16.3 24.5

108 16.5 15.0 22.6

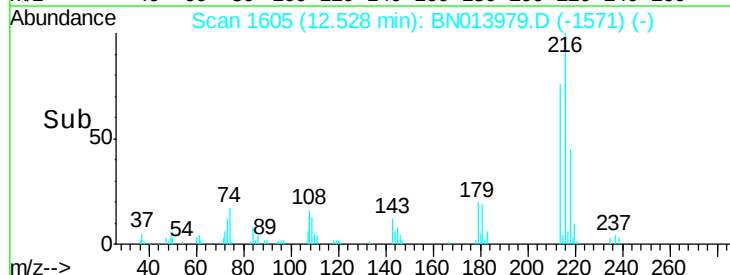
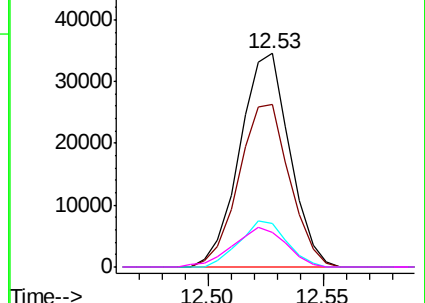


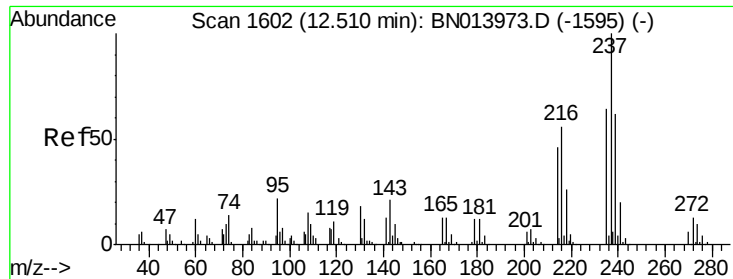
Abundance Ion 216.00 (215.70 to 216.70): E

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

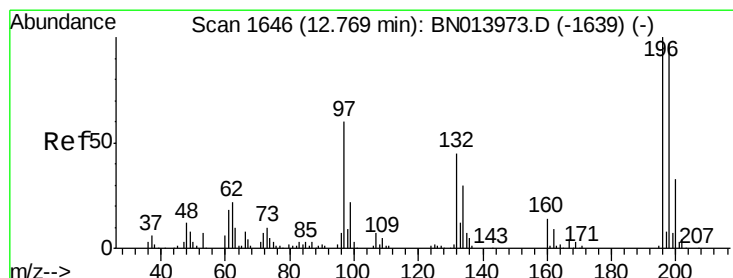
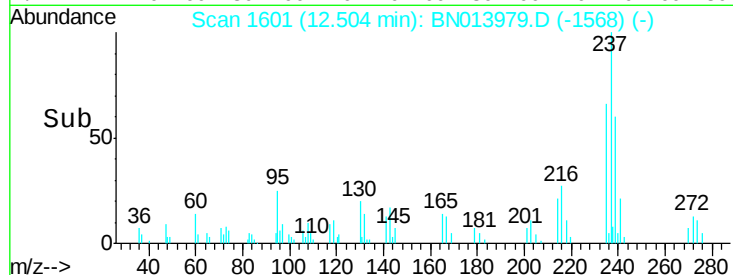
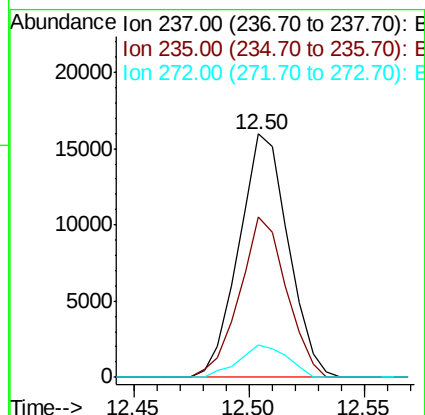
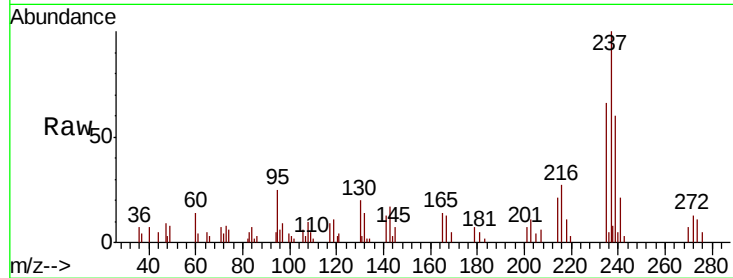




#40  
Hexachlorocyclopentadiene  
Concen: 3.614 ng/ul  
RT: 12.50 min Scan# 1601  
Delta R.T. -0.01 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

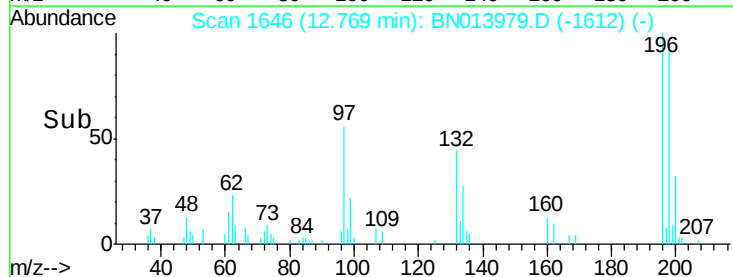
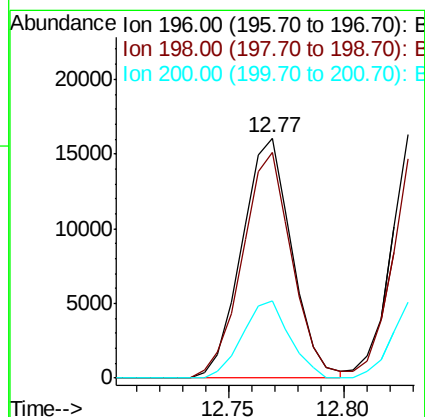
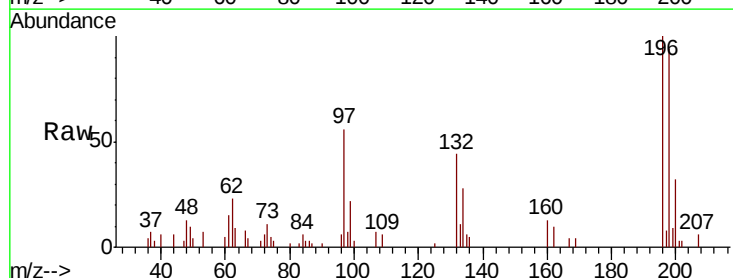
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

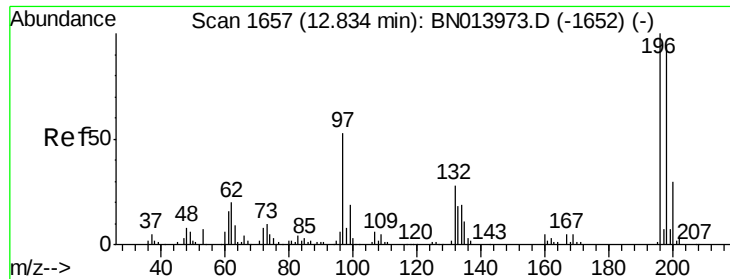
Tot Ion:237 Resp: 23772  
Ion Ratio Lower Upper  
237 100  
235 65.8 50.6 75.8  
272 13.1 10.4 15.6



#41  
2,4,6-Trichlorophenol  
Concen: 3.981 ng/ul  
RT: 12.77 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Tgt Ion:196 Resp: 24188  
Ion Ratio Lower Upper  
196 100  
198 93.6 79.8 119.6  
200 32.2 24.1 36.1

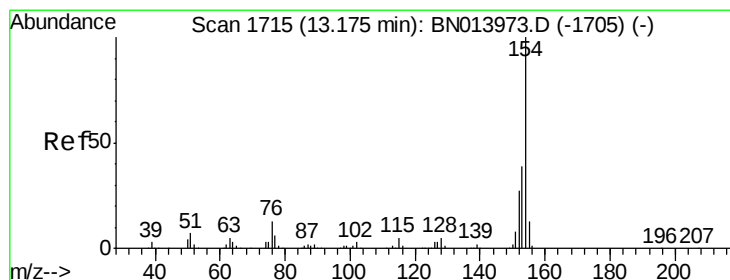
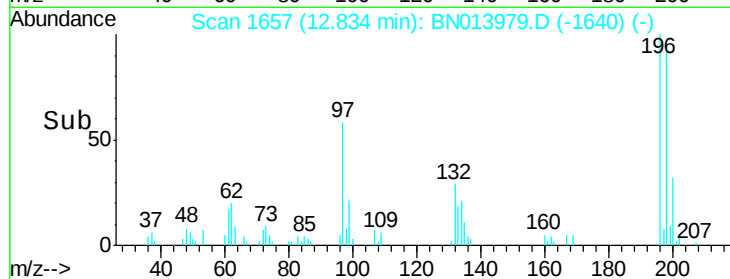
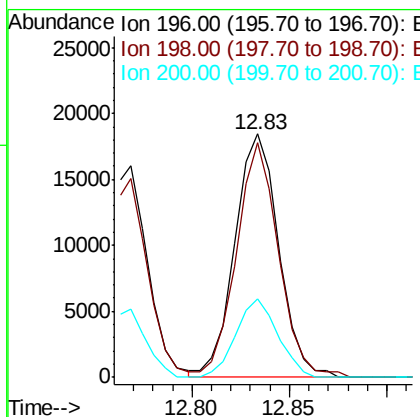
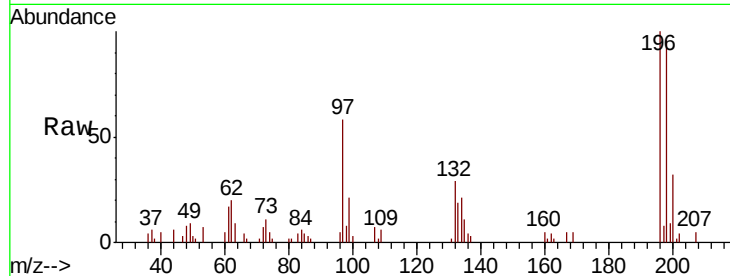




#42  
2,4,5-Trichlorophenol  
Concen: 4.233 ng/ul  
RT: 12.83 min Scan# 1657  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

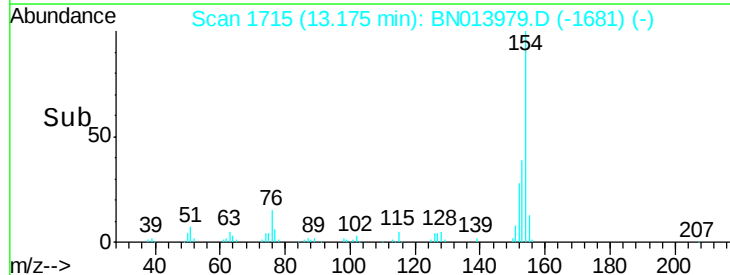
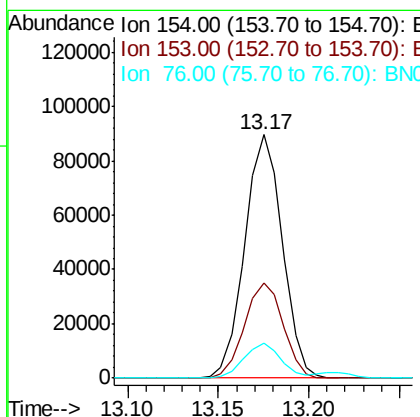
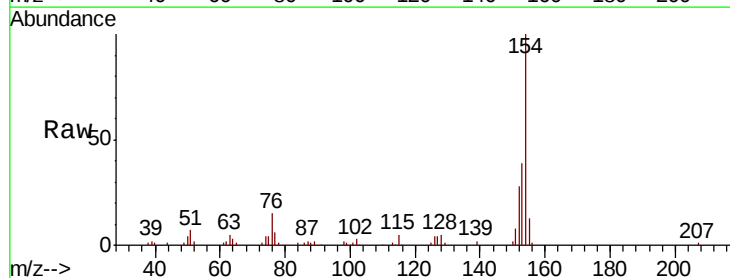
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

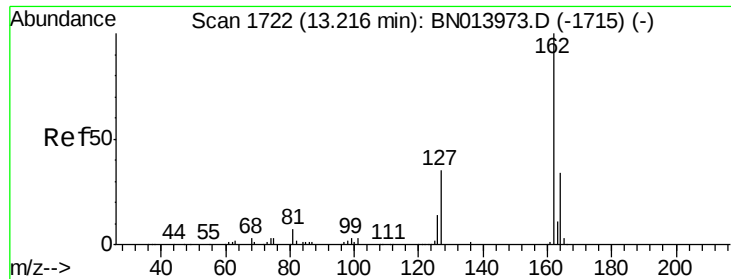
Tot Ion:196 Resp: 28787  
Ion Ratio Lower Upper  
196 100  
198 96.4 78.1 117.1  
200 32.2 25.8 38.8



#43  
1,1'-Biphenyl  
Concen: 4.678 ng/ul  
RT: 13.17 min Scan# 1715  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Tgt Ion:154 Resp: 129547  
Ion Ratio Lower Upper  
154 100  
153 39.3 31.8 47.8  
76 14.5 10.6 16.0

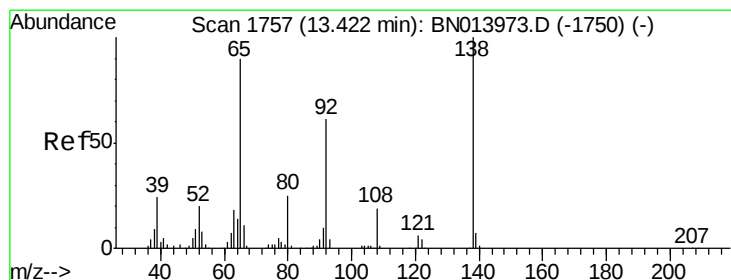
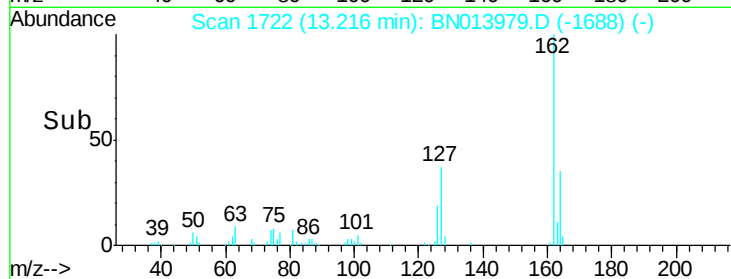
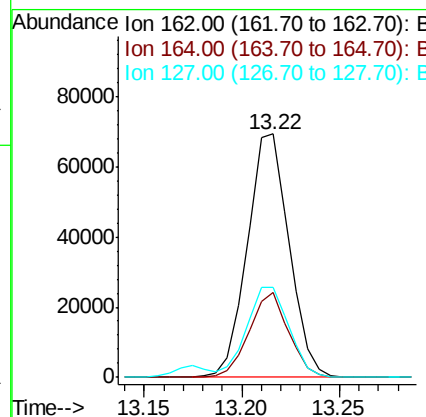
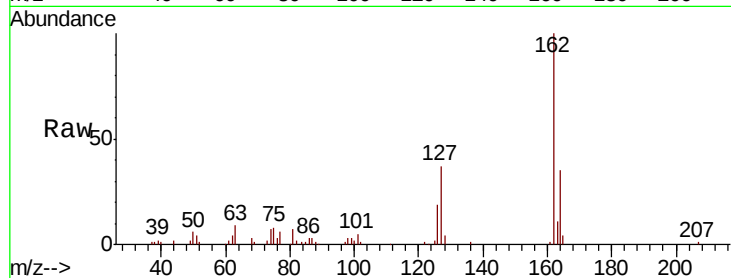




#44  
2-Chloronaphthalene  
Concen: 4.769 ng/ul  
RT: 13.22 min Scan# 1722  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

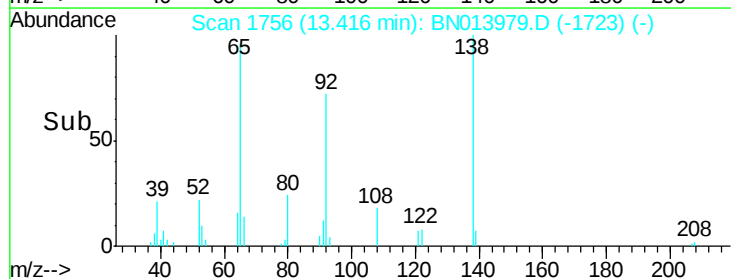
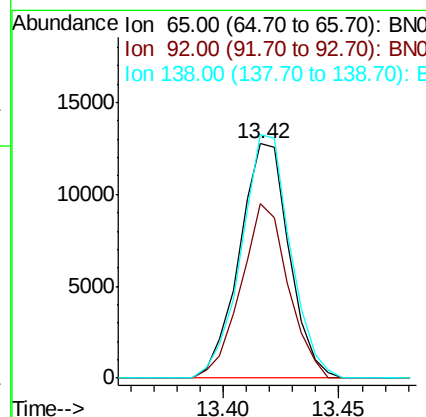
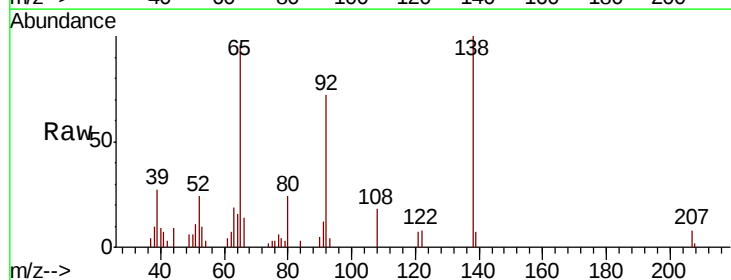
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

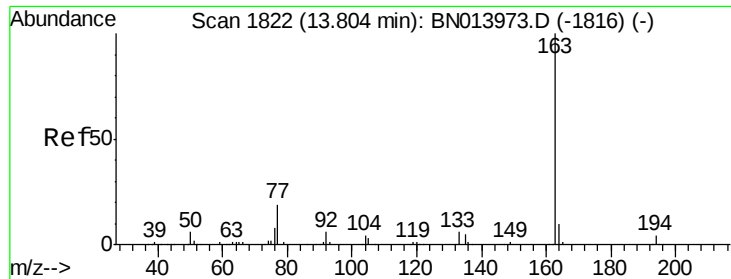
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 34.8  | 26.1  | 39.1  |
| 127     | 36.8  | 31.1  | 46.7  |



#45  
2-Nitroaniline  
Concen: 3.672 ng/ul  
RT: 13.42 min Scan# 1756  
Delta R.T. -0.01 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.3  | 55.4  | 83.2  |
| 138     | 103.8 | 84.6  | 126.8 |





#47

Dimethylphthalate

Concen: 4.874 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04

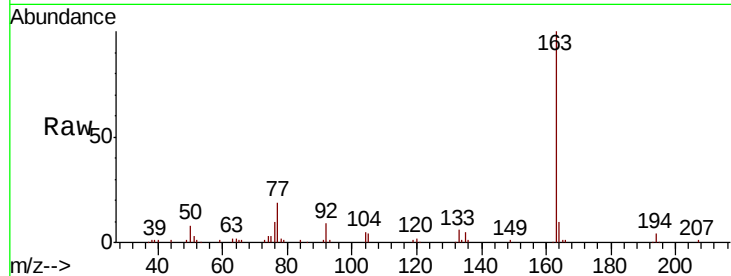
Tot Ion:163 Resp: 122492

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

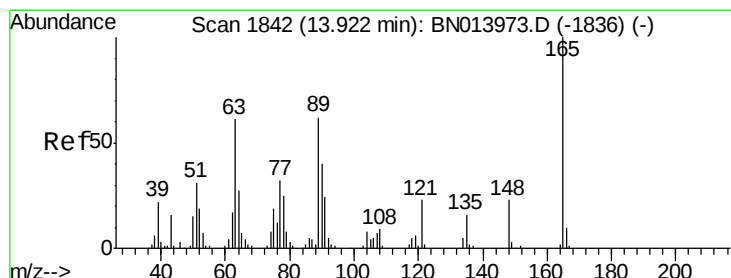
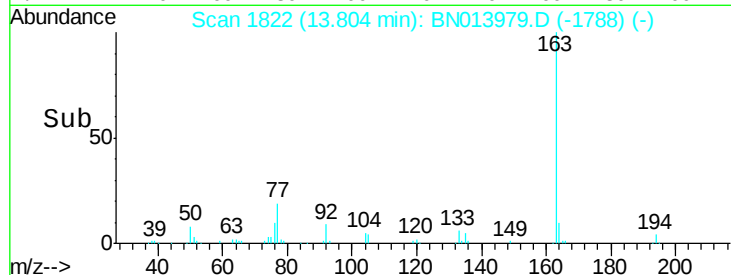
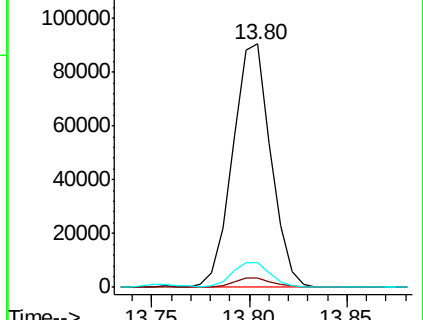
164 10.2 8.2 12.2



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: 3.784 ng/ul

RT: 13.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

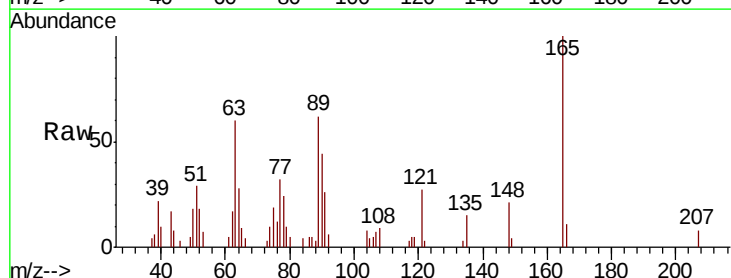
Tgt Ion:165 Resp: 16859

Ion Ratio Lower Upper

165 100

89 62.1 49.7 74.5

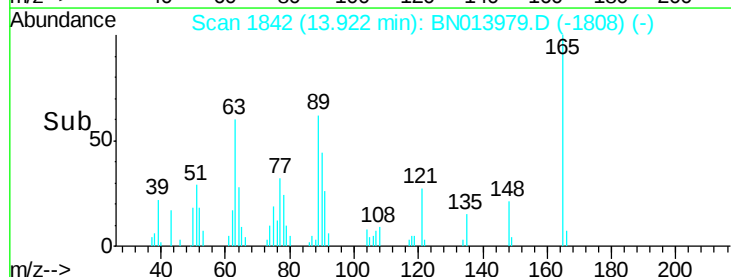
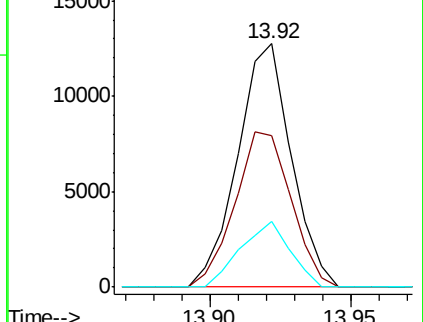
121 26.9 18.3 27.5

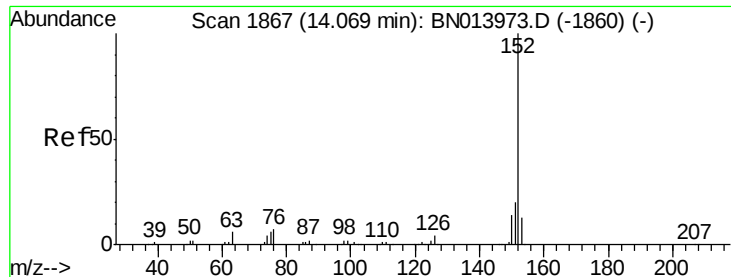


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNO

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 4.848 ng/ul

RT: 14.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04

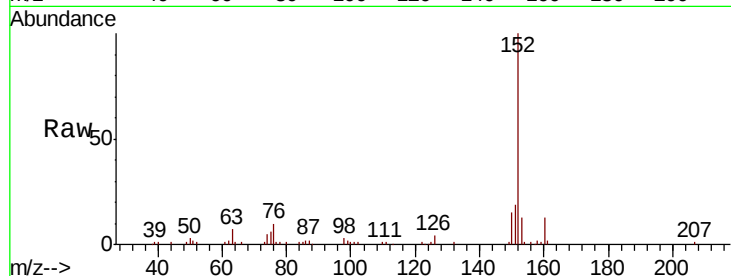
Tot Ion:152 Resp: 152202

Ion Ratio Lower Upper

152 100

151 19.0 16.1 24.1

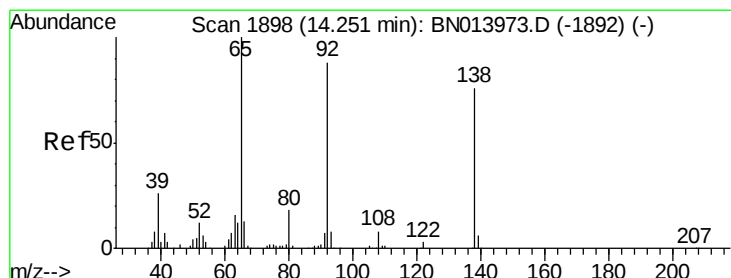
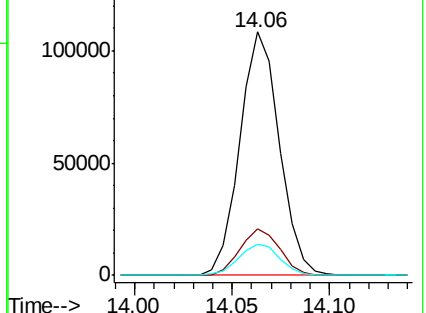
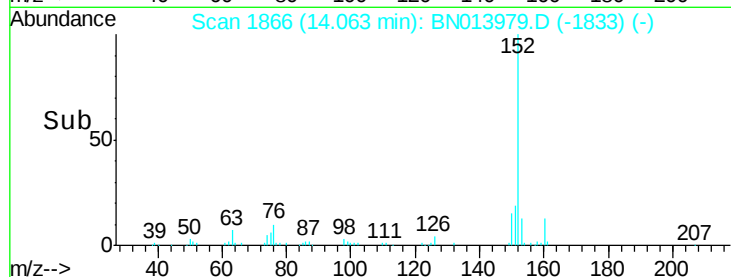
153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

3-Nitroaniline

Concen: 3.320 ng/ul

RT: 14.25 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

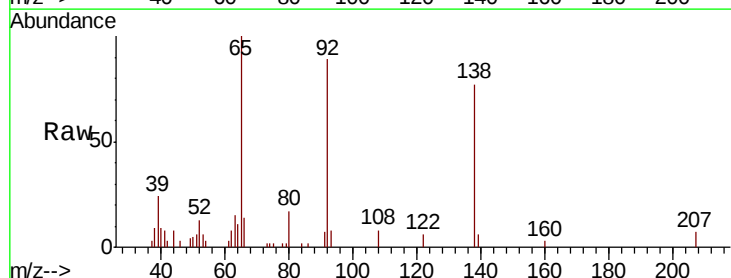
Tgt Ion:138 Resp: 17661

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

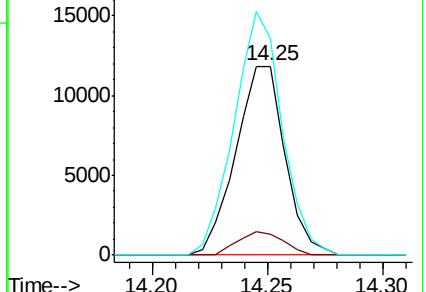
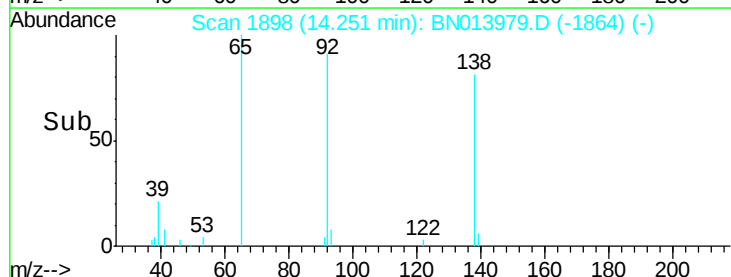
92 115.1 99.1 148.7

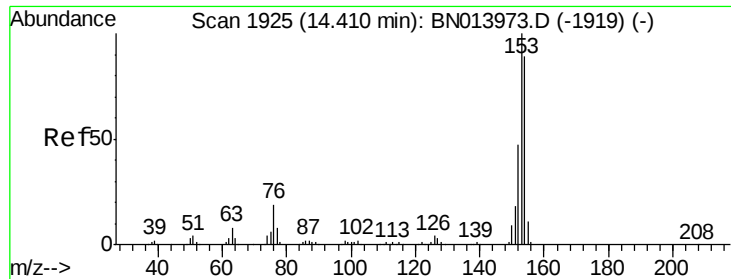


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#52

Acenaphthene

Concen: 4.784 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04

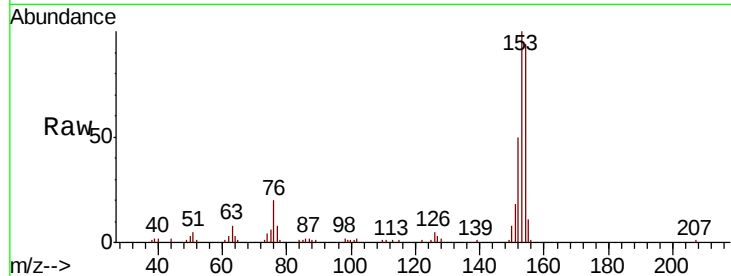
Tot Ion:153 Resp: 109376

Ion Ratio Lower Upper

153 100

152 50.1 38.6 57.8

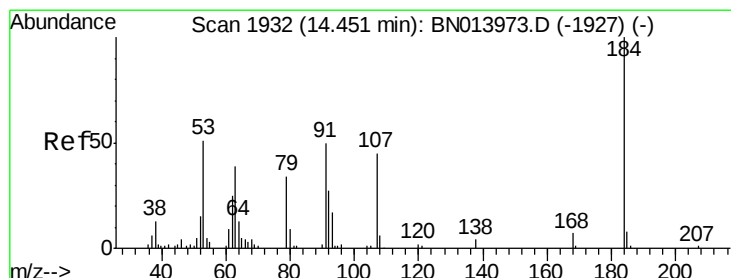
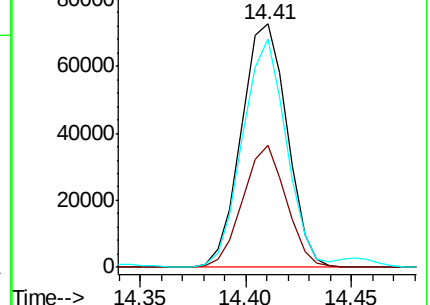
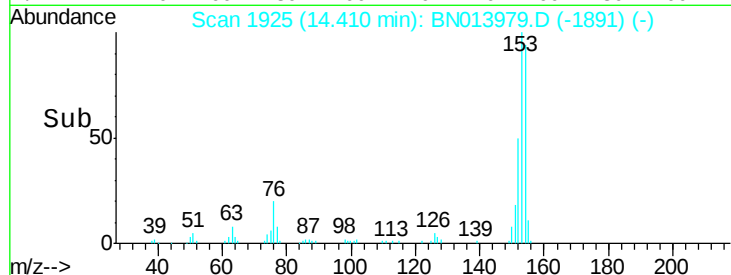
154 93.7 70.3 105.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

2,4-Dinitrophenol

Concen: 2.384 ng/ul

RT: 14.45 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

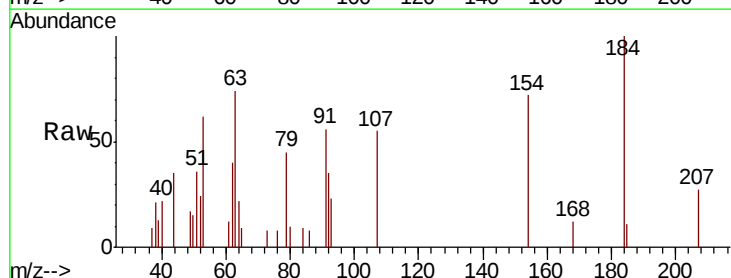
Tgt Ion:184 Resp: 5882

Ion Ratio Lower Upper

184 100

63 73.7 52.1 78.1

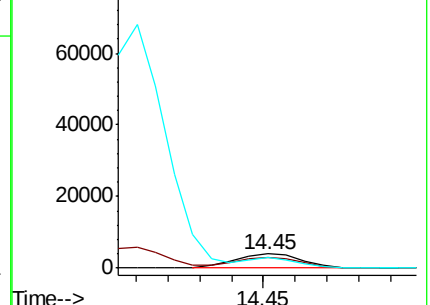
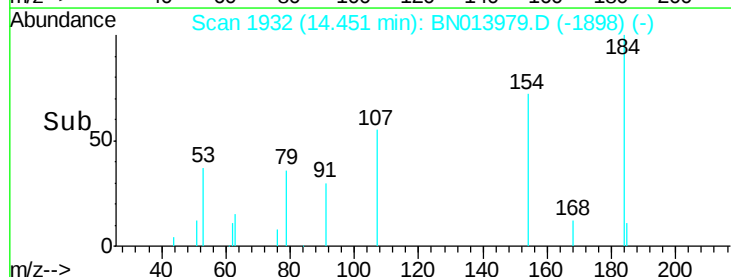
154 71.6 51.4 77.2

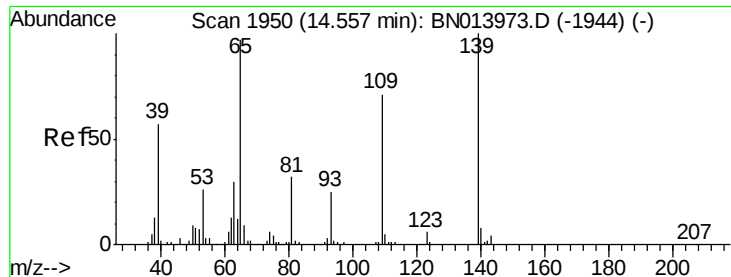


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E

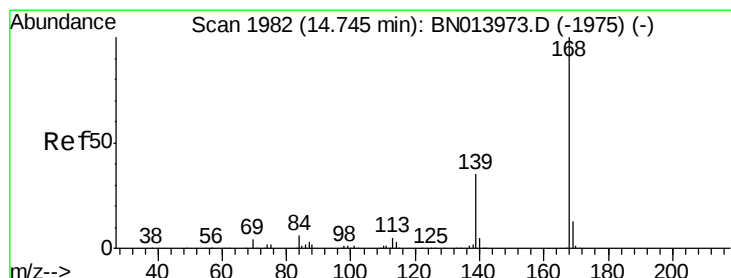
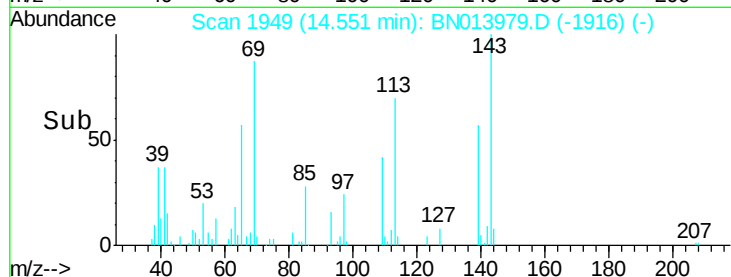
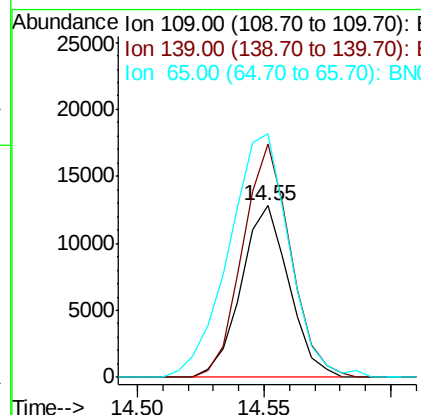
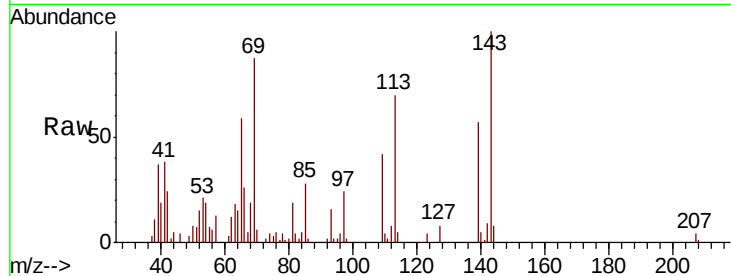




#55  
4-Nitrophenol  
Concen: 4.450 ng/ul  
RT: 14.55 min Scan# 1949  
Delta R.T. -0.01 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

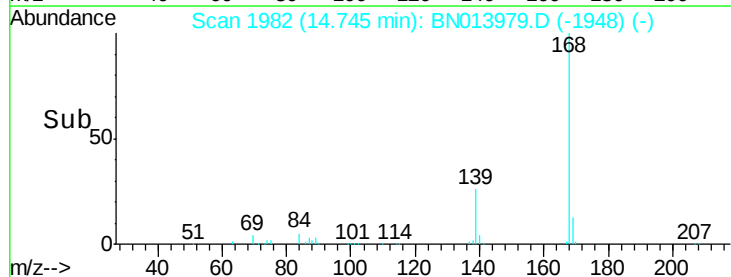
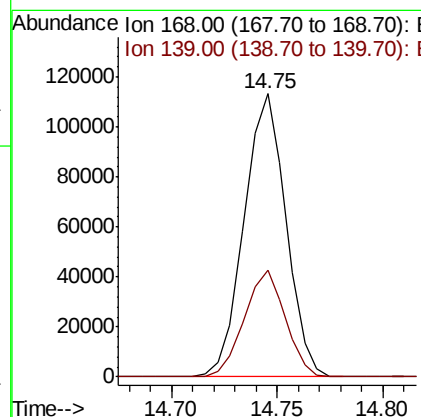
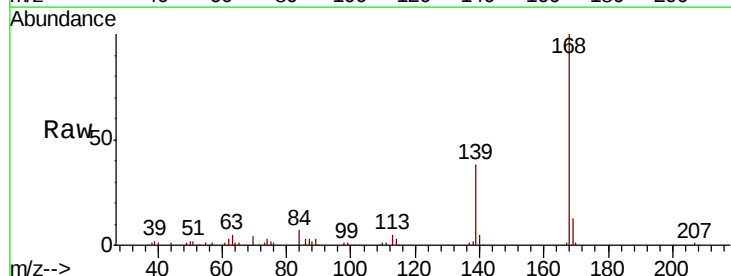
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

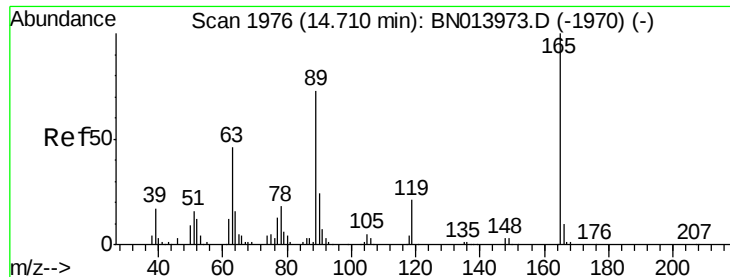
Tot Ion:109 Resp: 16836  
Ion Ratio Lower Upper  
109 100  
139 136.0 107.1 160.7  
65 141.8 107.1 160.7



#56  
Dibenzofuran  
Concen: 4.922 ng/ul  
RT: 14.75 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Tgt Ion:168 Resp: 155556  
Ion Ratio Lower Upper  
168 100  
139 37.8 29.4 44.2

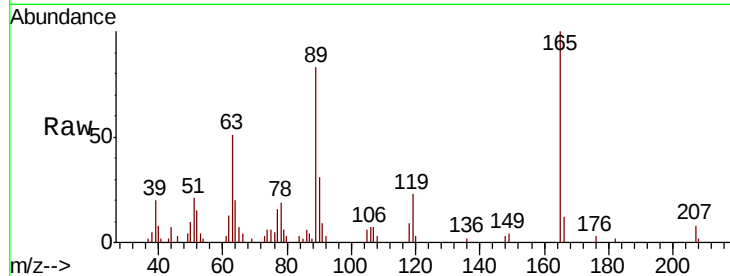




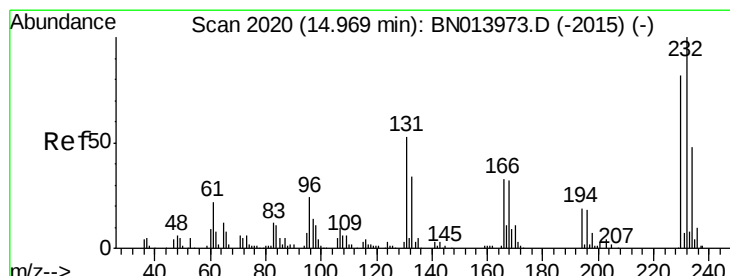
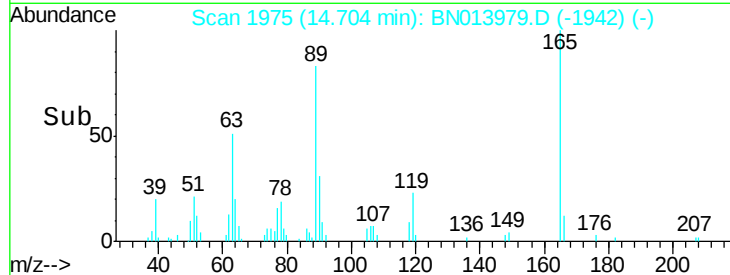
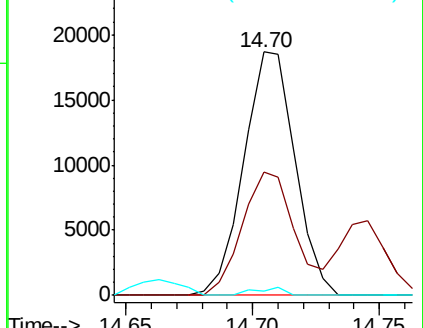
#57  
2,4-Dinitrotoluene  
Concen: 4.129 ng/ul  
RT: 14.70 min Scan# 1975  
Delta R.T. -0.01 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

Tot Ion:165 Resp: 26406  
Ion Ratio Lower Upper  
165 100  
63 50.7 36.2 54.2  
182 2.0 1.9 2.9

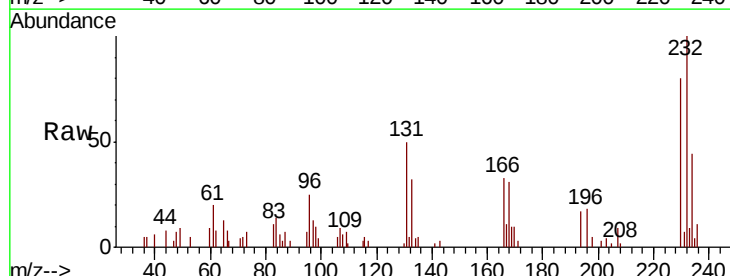


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BNO  
Ion 182.00 (181.70 to 182.70): E

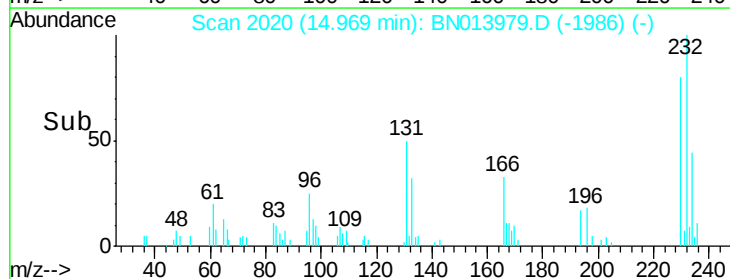
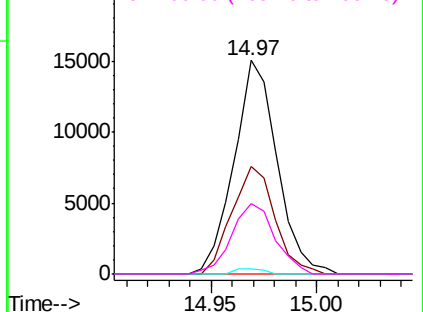


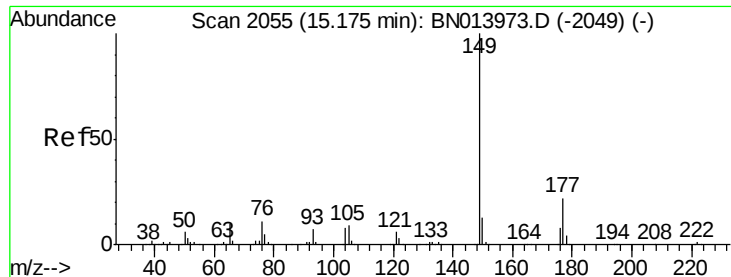
#58  
2,3,4,6-Tetrachlorophenol  
Concen: 4.045 ng/ul  
RT: 14.97 min Scan# 2020  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Tgt Ion:232 Resp: 21298  
Ion Ratio Lower Upper  
232 100  
131 50.1 35.6 53.4  
130 2.3 2.3 3.5  
166 33.2 23.6 35.4



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

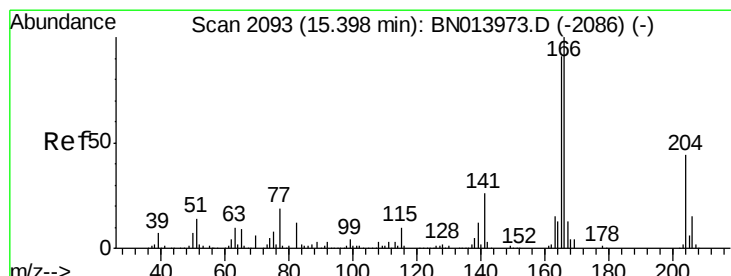
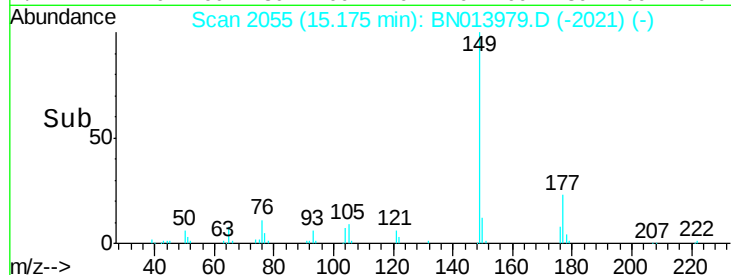
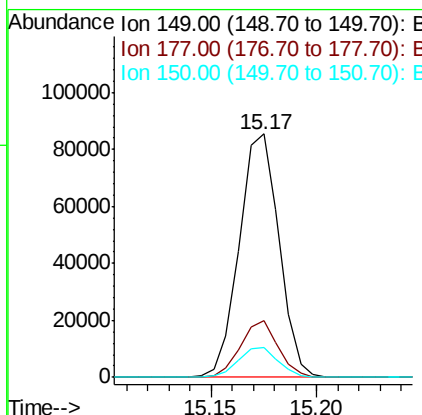
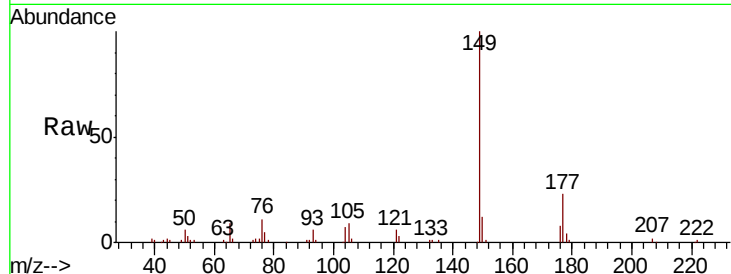




#59  
Diethylphthalate  
Concen: 4.547 ng/ul  
RT: 15.17 min Scan# 2055  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

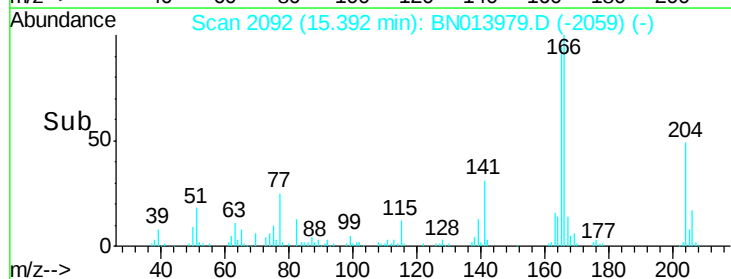
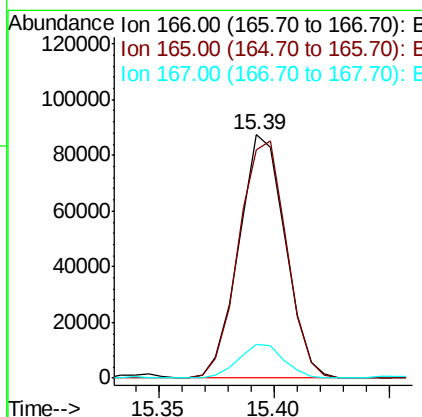
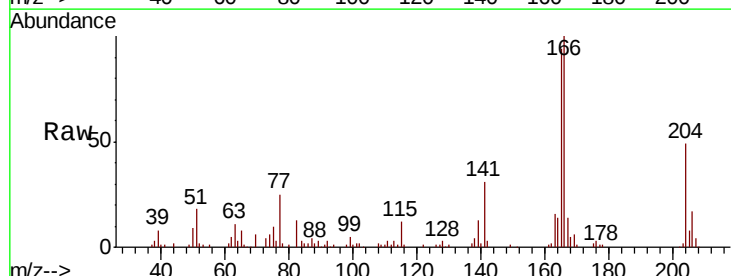
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

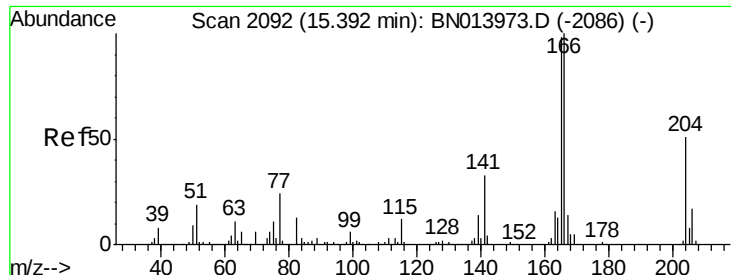
Tot Ion:149 Resp: 111580  
Ion Ratio Lower Upper  
149 100  
177 23.1 17.0 25.6  
150 12.1 10.1 15.1



#61  
Fluorene  
Concen: 4.827 ng/ul  
RT: 15.39 min Scan# 2092  
Delta R.T. -0.01 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Tgt Ion:166 Resp: 123167  
Ion Ratio Lower Upper  
166 100  
165 93.5 76.9 115.3  
167 14.1 10.3 15.5

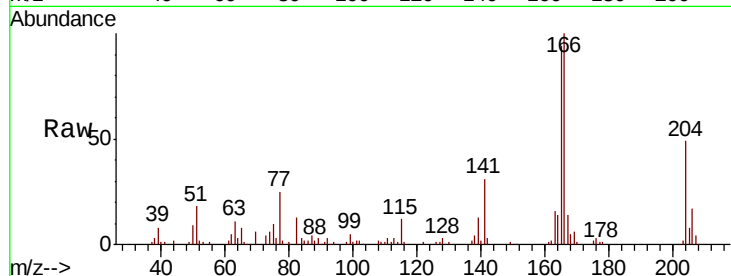




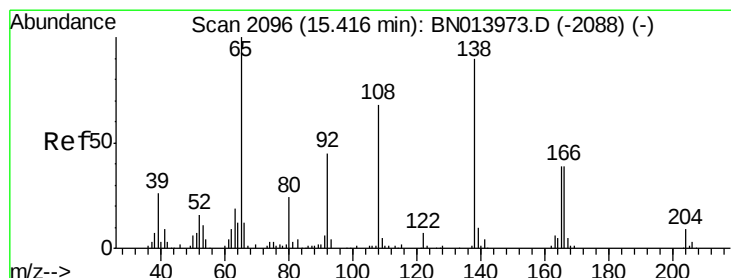
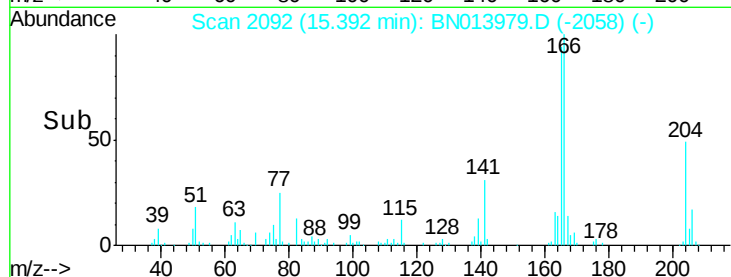
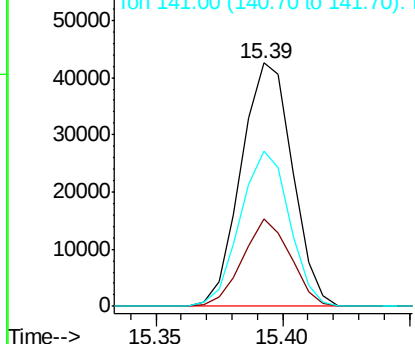
#62  
4-Chlorophenyl-phenylether  
Concen: 4.871 ng/ul  
RT: 15.39 min Scan# 2092  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

Tot Ion:204 Resp: 59979  
Ion Ratio Lower Upper  
204 100  
206 35.7 28.6 43.0  
141 63.8 49.0 73.6

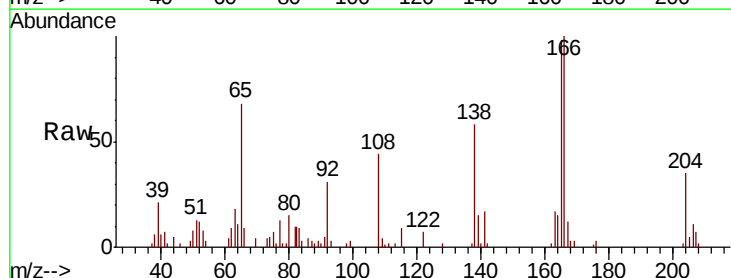


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

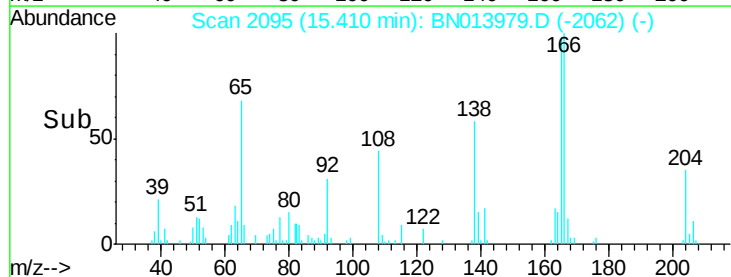
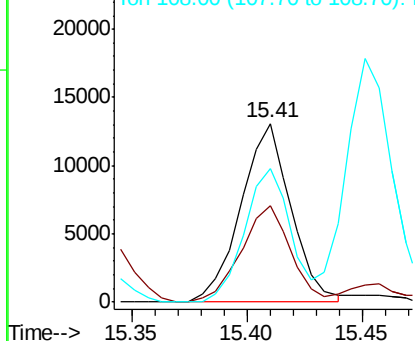


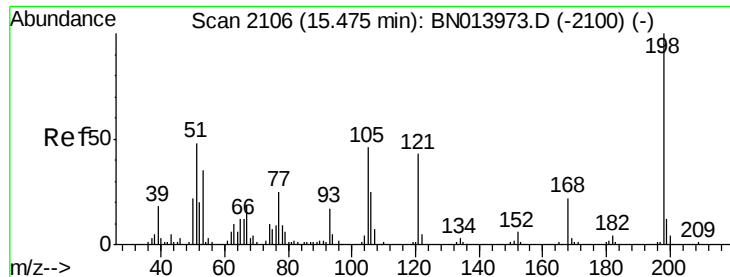
#63  
4-Nitroaniline  
Concen: 3.745 ng/ul  
RT: 15.41 min Scan# 2095  
Delta R.T. -0.01 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Tgt Ion:138 Resp: 19728  
Ion Ratio Lower Upper  
138 100  
92 53.8 41.8 62.6  
108 74.8 62.1 93.1



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BNO  
Ion 108.00 (107.70 to 108.70): E

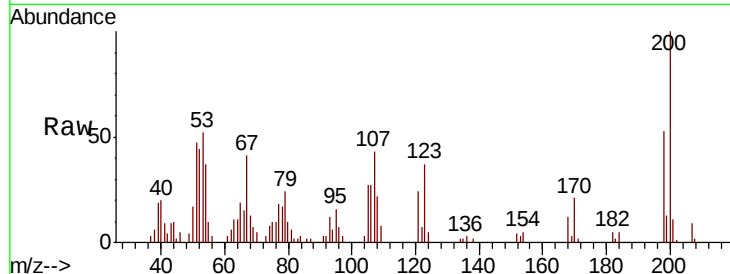




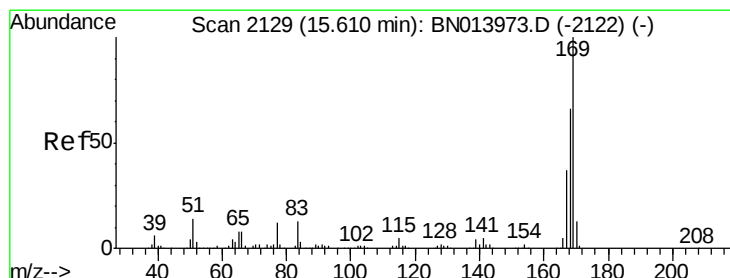
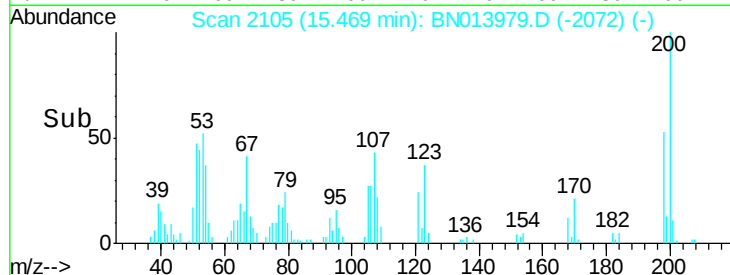
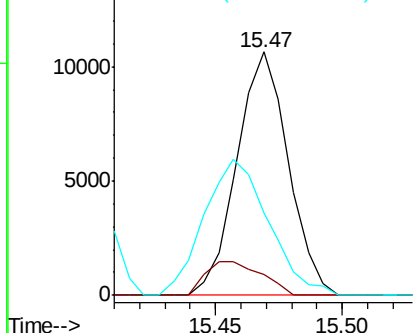
#66  
 4,6-Dinitro-2-methylphenol  
 Concen: 3.984 ng/ul  
 RT: 15.47 min Scan# 2105  
 Delta R.T. -0.01 min  
 Lab File: BN013979.D  
 Acq: 18 Mar 2021 12:57

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-MED-SOIL-QT2-2021-04

Tot Ion:198 Resp: 14989  
 Ion Ratio Lower Upper  
 198 100  
 182 8.6 4.6 7.0#  
 77 34.0 24.4 36.6

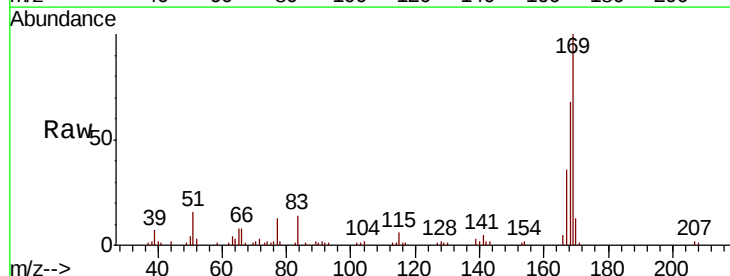


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): BNC

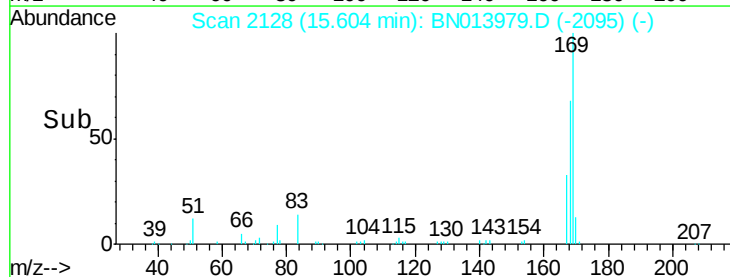
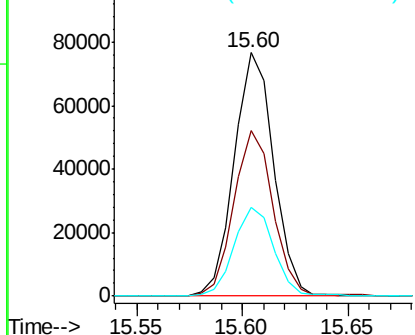


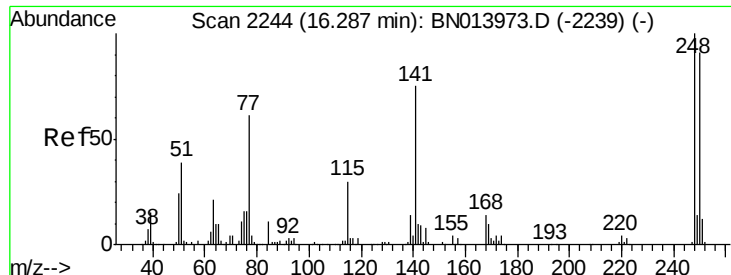
#67  
 N-Nitrosodiphenylamine  
 Concen: 4.573 ng/ul  
 RT: 15.60 min Scan# 2128  
 Delta R.T. -0.01 min  
 Lab File: BN013979.D  
 Acq: 18 Mar 2021 12:57

Tgt Ion:169 Resp: 99231  
 Ion Ratio Lower Upper  
 169 100  
 168 68.0 53.8 80.6  
 167 36.4 28.4 42.6



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

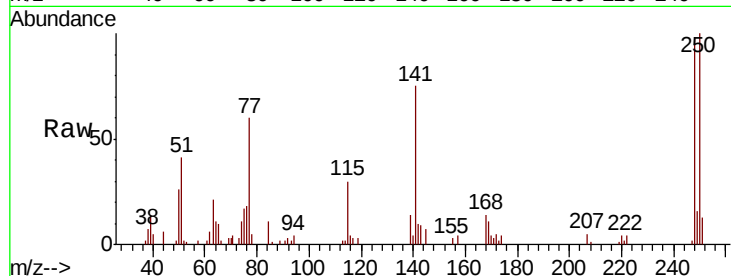




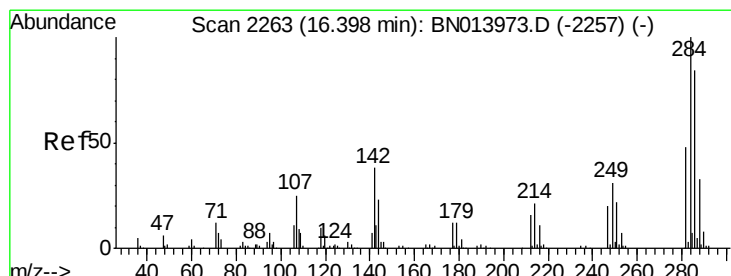
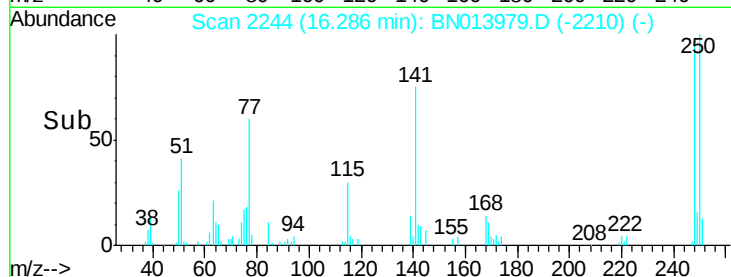
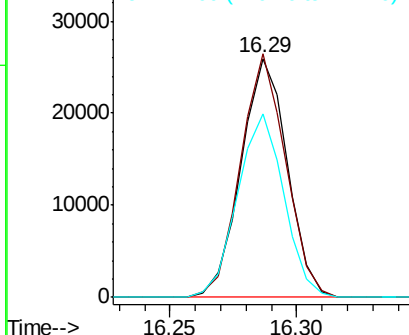
#68  
4-Bromophenyl-phenylether  
Concen: 4.531 ng/ul  
RT: 16.29 min Scan# 2244  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

Tot Ion:248 Resp: 33018  
Ion Ratio Lower Upper  
248 100  
250 101.9 76.5 114.7  
141 76.8 62.9 94.3

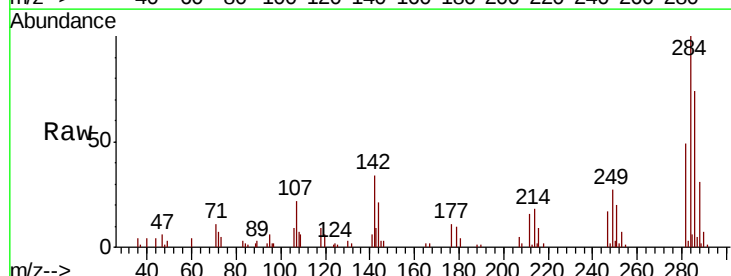


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

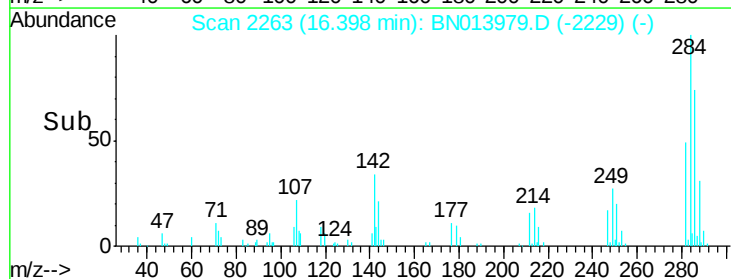
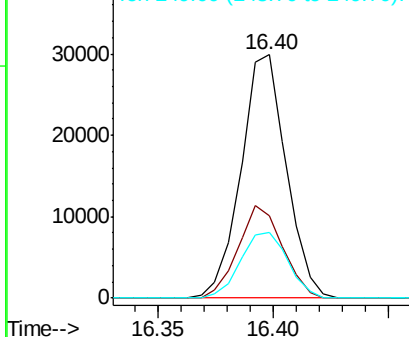


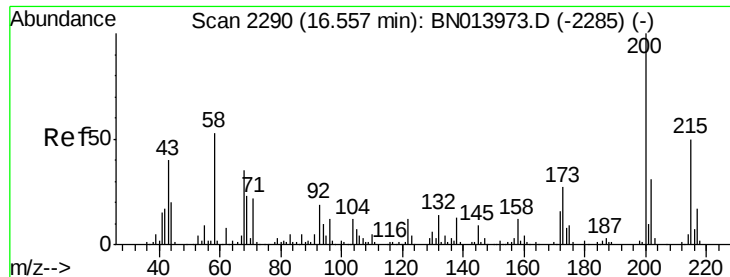
#69  
Hexachlorobenzene  
Concen: 4.831 ng/ul  
RT: 16.40 min Scan# 2263  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Tgt Ion:284 Resp: 40803  
Ion Ratio Lower Upper  
284 100  
142 33.7 31.7 47.5  
249 26.9 26.1 39.1



Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





#70

Atrazine

Concen: 3.679 ng/ul

RT: 16.55 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04

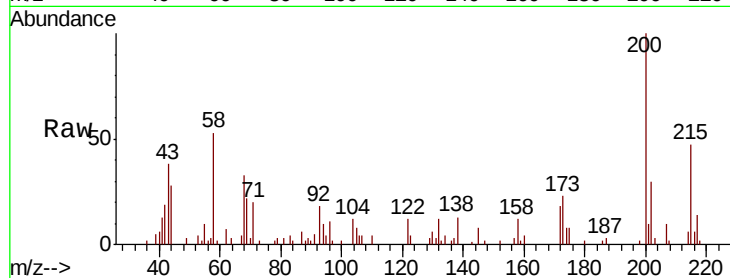
Tot Ion:200 Resp: 27026

Ion Ratio Lower Upper

200 100

173 23.3 21.1 31.7

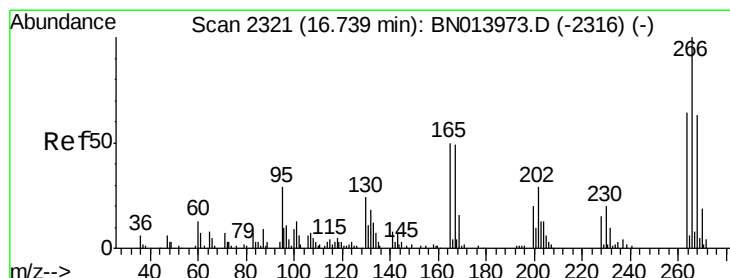
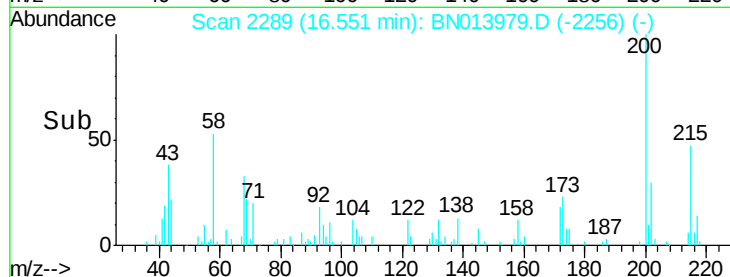
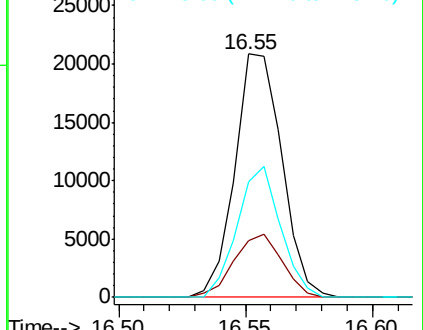
215 47.2 38.2 57.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#71

Pentachlorophenol

Concen: 2.862 ng/ul

RT: 16.74 min Scan# 2321

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

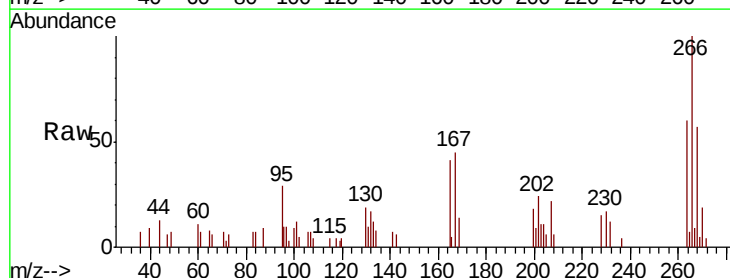
Tgt Ion:266 Resp: 12971

Ion Ratio Lower Upper

266 100

264 60.1 50.1 75.1

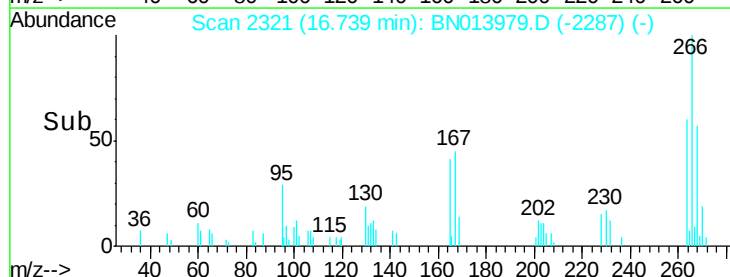
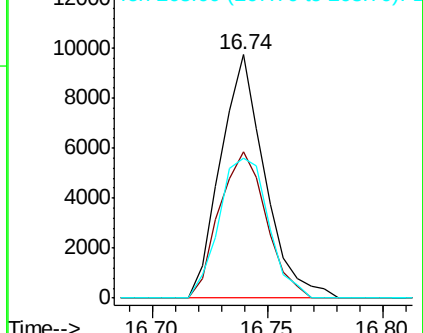
268 57.5 52.7 79.1

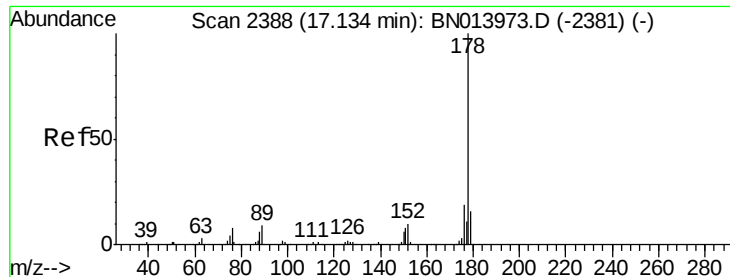


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 4.826 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04

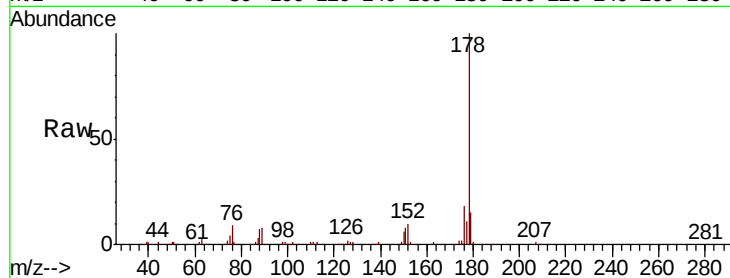
Tot Ion:178 Resp: 196120

Ion Ratio Lower Upper

178 100

179 14.9 11.9 17.9

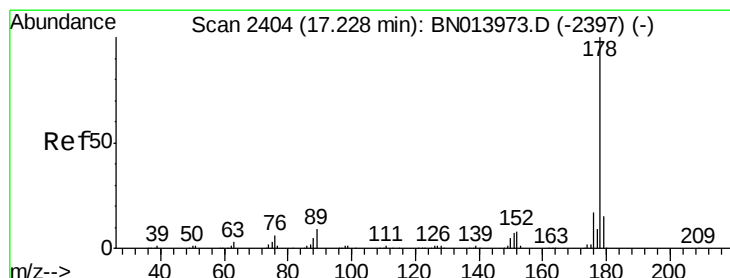
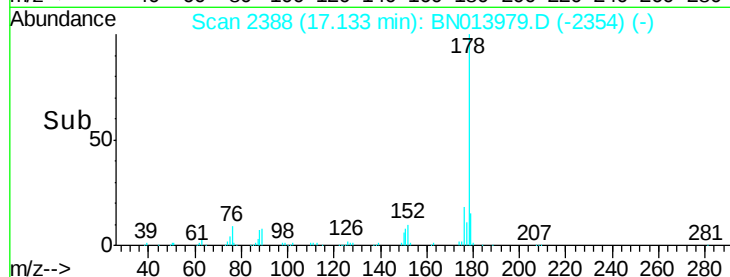
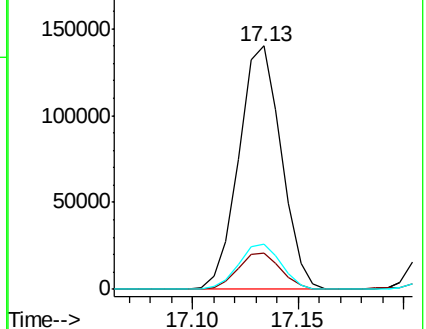
176 18.4 15.0 22.4



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



#74

Anthracene

Concen: 4.797 ng/ul

RT: 17.22 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

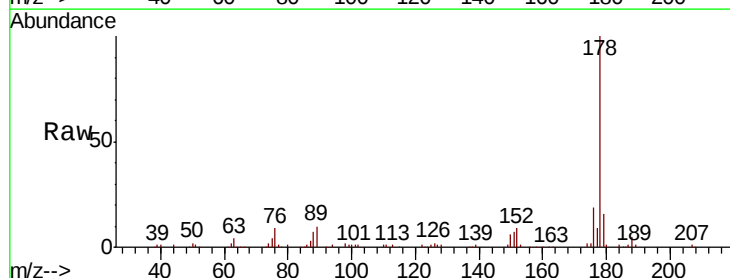
Tgt Ion:178 Resp: 199209

Ion Ratio Lower Upper

178 100

179 16.2 11.8 17.6

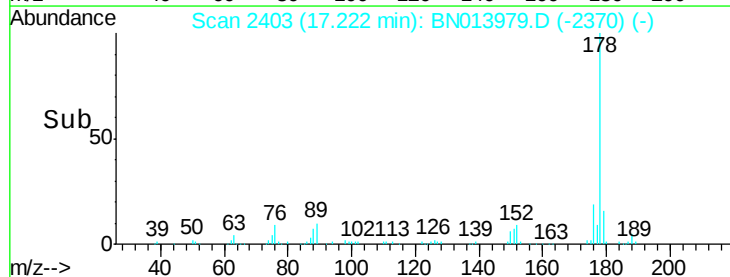
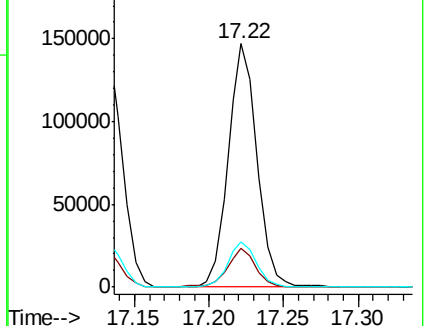
176 18.5 14.2 21.2

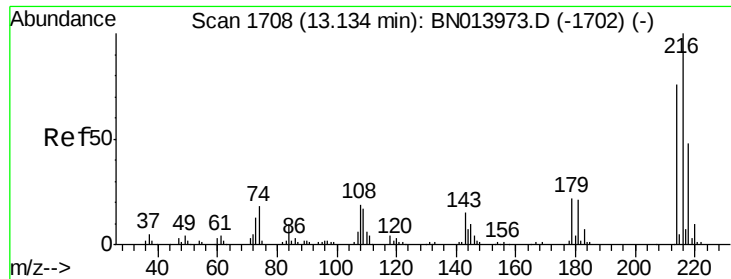


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

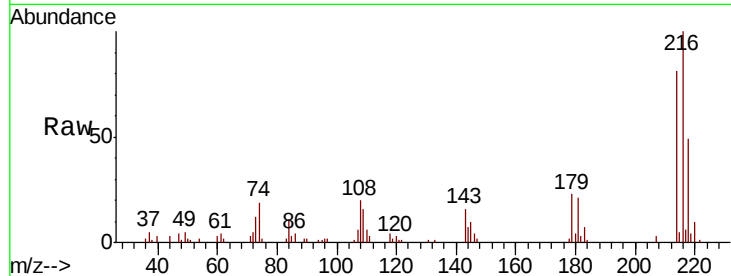




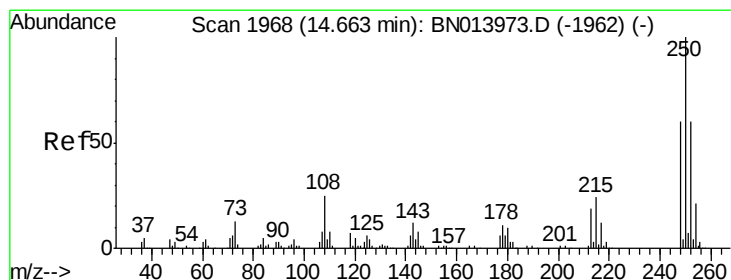
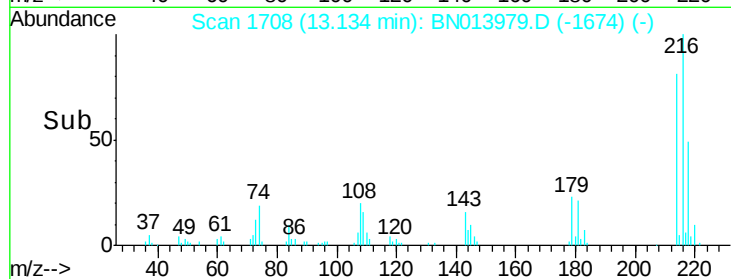
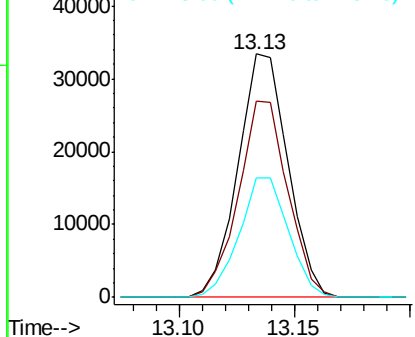
#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 4.535 ng/uL  
RT: 13.13 min Scan# 1708  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

Tot Ion:216 Resp: 50384  
Ion Ratio Lower Upper  
216 100  
214 80.6 62.3 93.5  
218 49.1 40.2 60.2

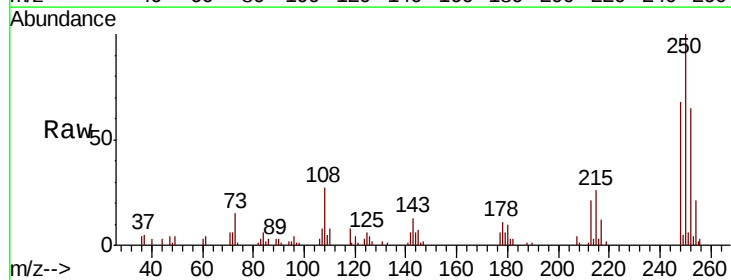


Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 218.00 (217.70 to 218.70): E

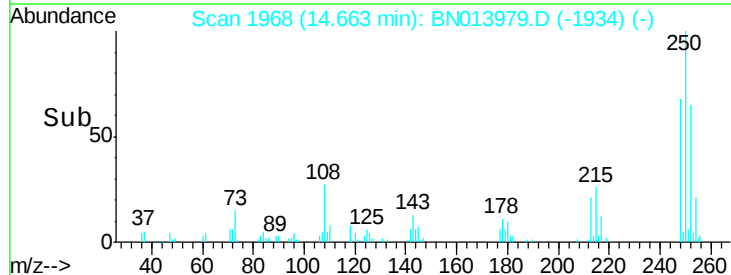
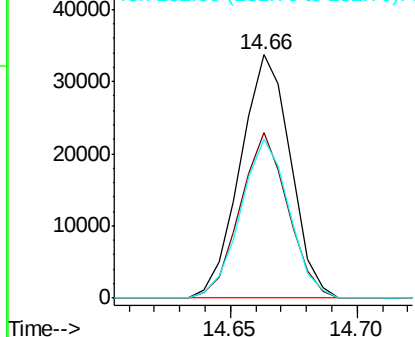


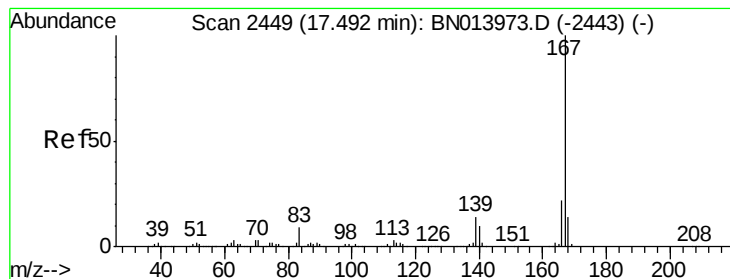
#76  
Pentachlorobenzene  
Concen: 4.203 ng/uL  
RT: 14.66 min Scan# 1968  
Delta R.T. -0.00 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Tgt Ion:250 Resp: 46601  
Ion Ratio Lower Upper  
250 100  
248 68.2 50.6 76.0  
252 65.2 51.4 77.2



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: 4.476 ng/ul

RT: 17.49 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

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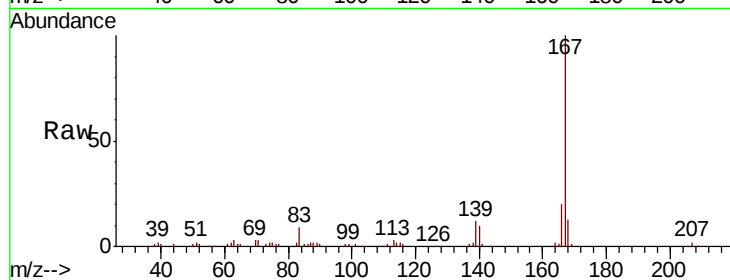
Tot Ion:167 Resp: 165151

Ion Ratio Lower Upper

167 100

166 19.8 17.2 25.8

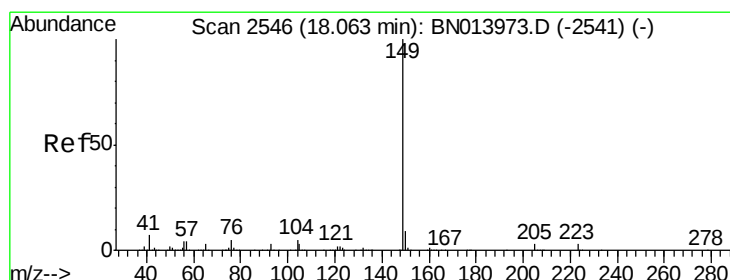
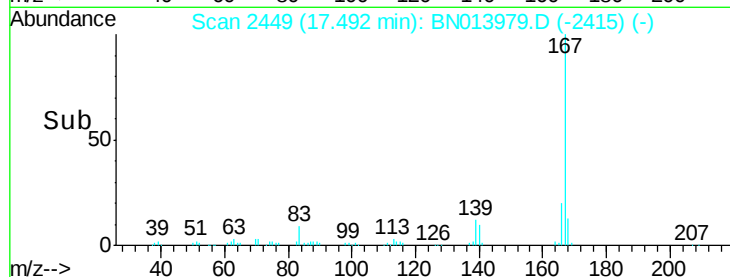
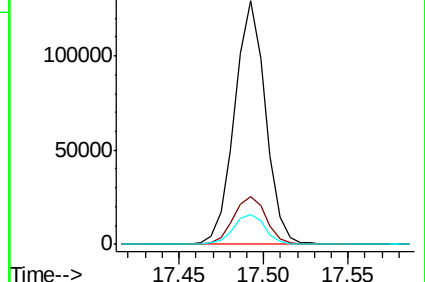
139 12.4 10.1 15.1



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



#78

Di-n-butylphthalate

Concen: 3.915 ng/ul

RT: 18.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

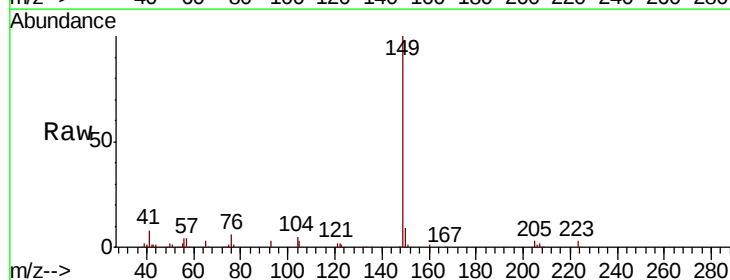
Tgt Ion:149 Resp: 149056

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

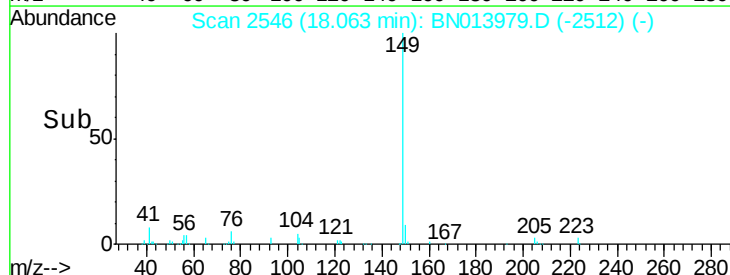
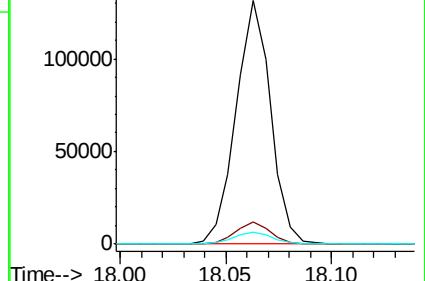
104 5.1 4.4 6.6

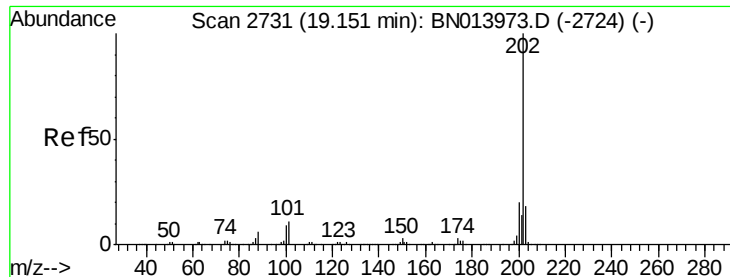


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

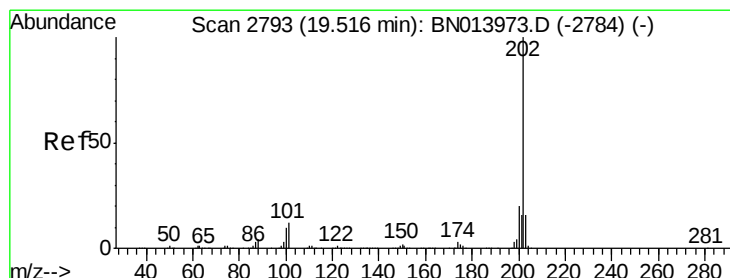
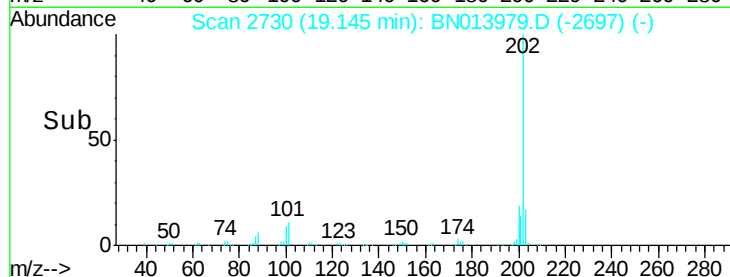
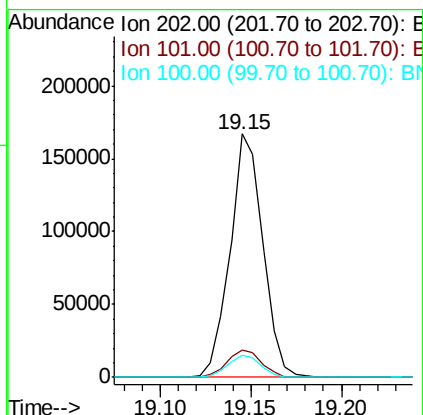
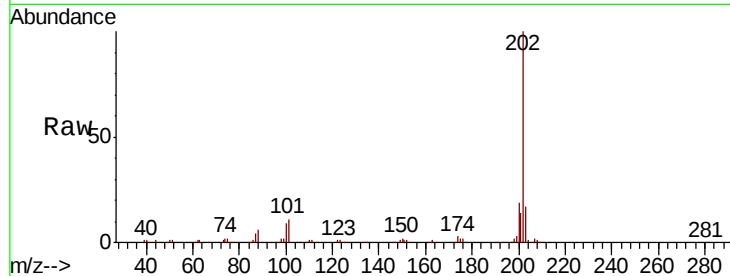




#80  
Fluoranthene  
Concen: 4.439 ng/ul  
RT: 19.15 min Scan# 2730  
Delta R.T. -0.01 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

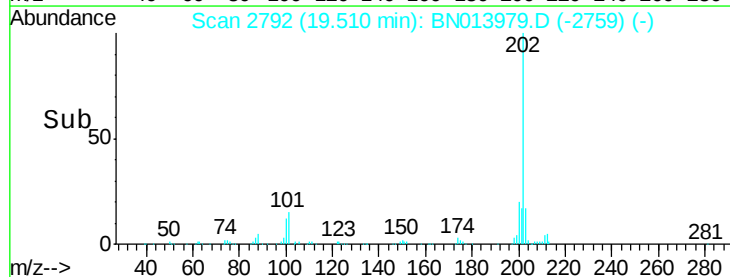
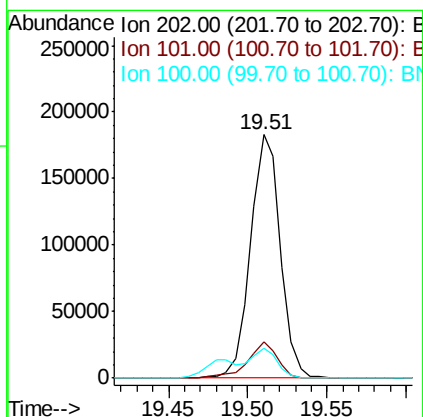
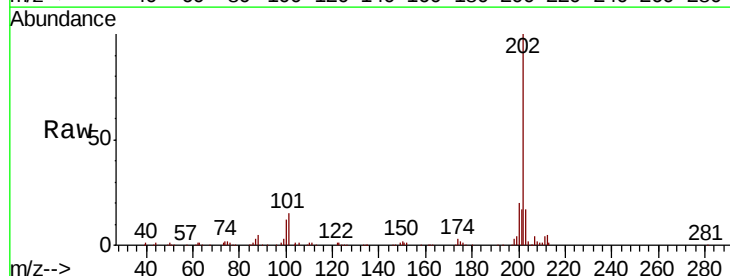
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

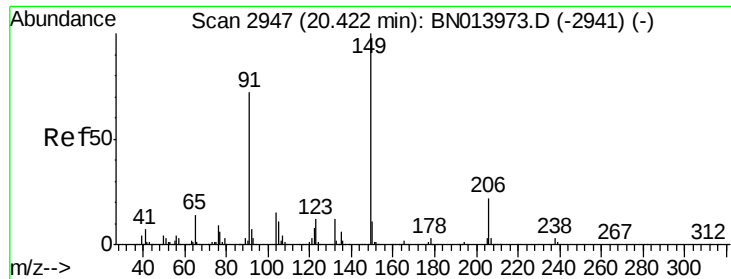
Tot Ion:202 Resp: 211148  
Ion Ratio Lower Upper  
202 100  
101 11.4 9.0 13.6  
100 9.0 7.5 11.3



#82  
Pyrene  
Concen: 4.684 ng/ul  
RT: 19.51 min Scan# 2792  
Delta R.T. -0.01 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Tgt Ion:202 Resp: 238978  
Ion Ratio Lower Upper  
202 100  
101 14.7 10.4 15.6  
100 12.0 8.8 13.2

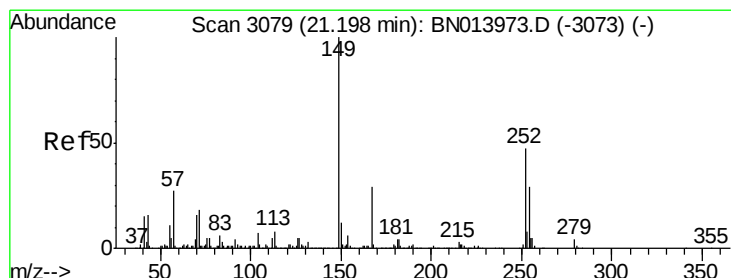
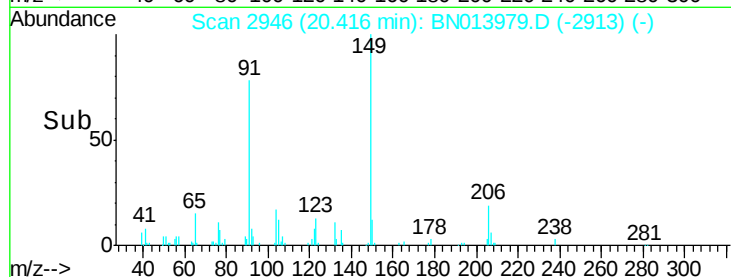
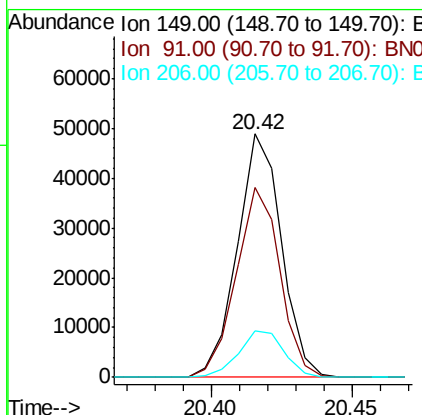
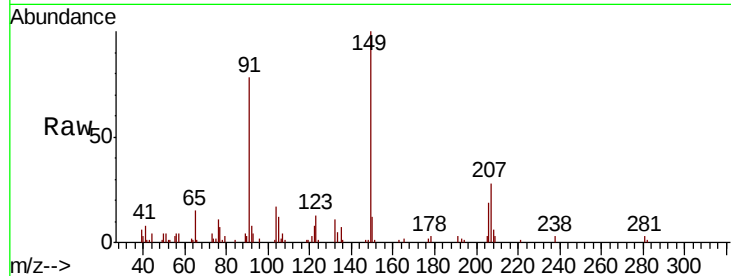




#83  
Butylbenzylphthalate  
Concen: 3.269 ng/ul  
RT: 20.42 min Scan# 2946  
Delta R.T. -0.01 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

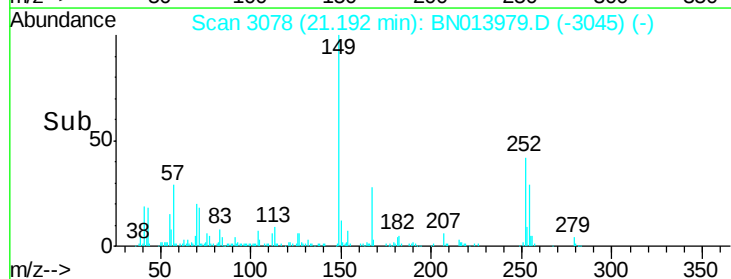
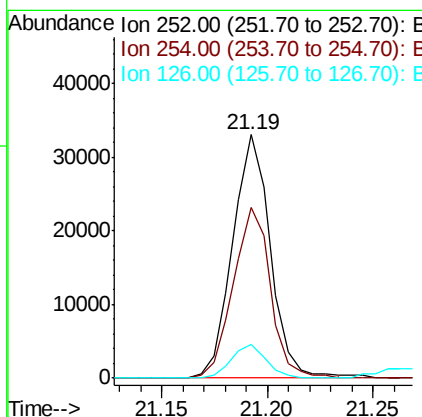
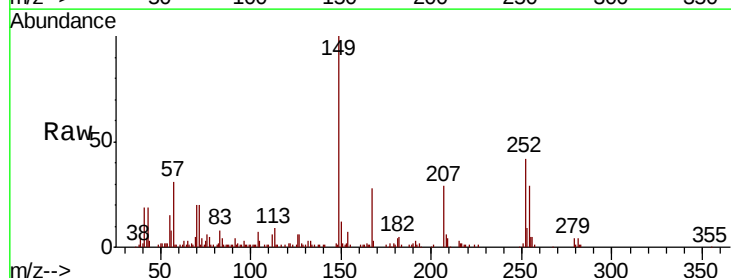
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT2-2021-04

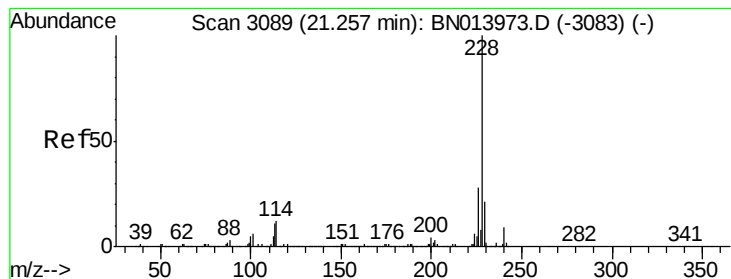
Tot Ion:149 Resp: 53020  
Ion Ratio Lower Upper  
149 100  
91 78.1 62.4 93.6  
206 19.1 15.3 22.9



#84  
3,3'-Dichlorobenzidine  
Concen: 3.075 ng/ul  
RT: 21.19 min Scan# 3078  
Delta R.T. -0.01 min  
Lab File: BN013979.D  
Acq: 18 Mar 2021 12:57

Tgt Ion:252 Resp: 40849  
Ion Ratio Lower Upper  
252 100  
254 69.9 49.4 74.0  
126 14.0 9.4 14.0





#85

Benzo(a)anthracene

Concen: 4.494 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

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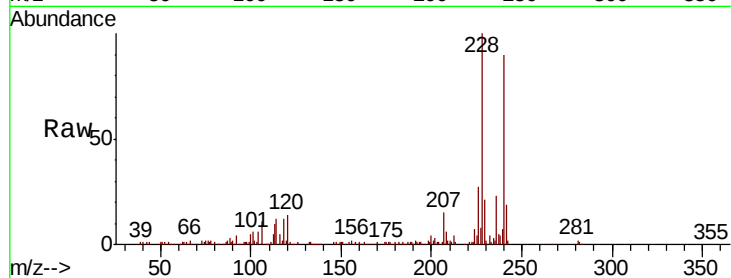
Tot Ion:228 Resp: 217805

Ion Ratio Lower Upper

228 100

229 20.7 14.6 22.0

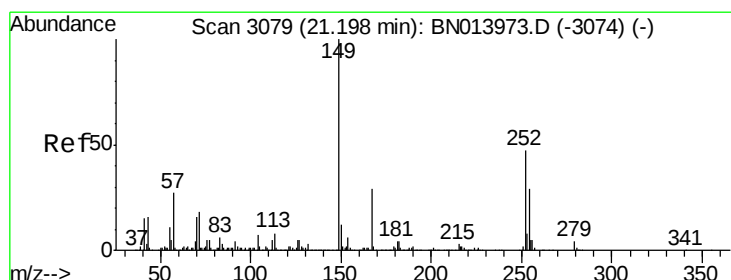
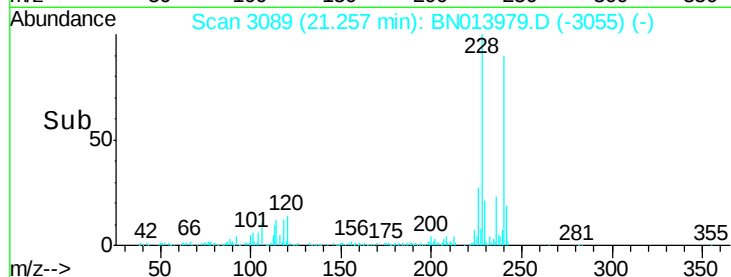
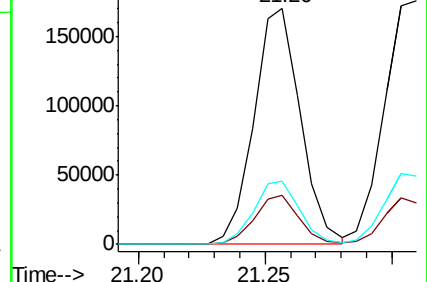
226 26.7 21.0 31.6



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: 3.366 ng/ul

RT: 21.19 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

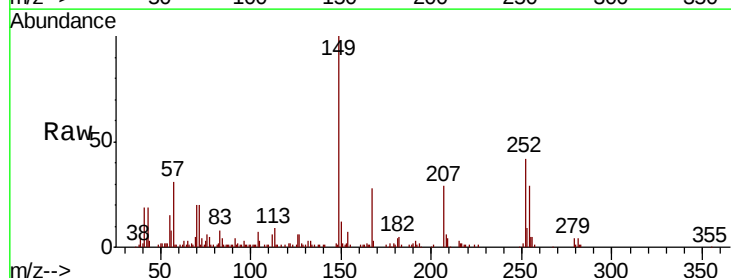
Tgt Ion:149 Resp: 84361

Ion Ratio Lower Upper

149 100

167 27.9 21.4 32.0

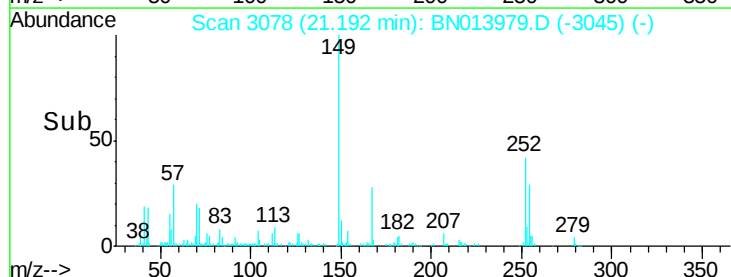
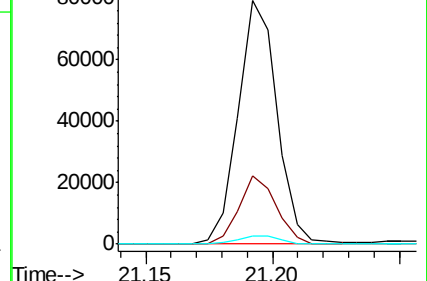
279 3.5 3.0 4.4

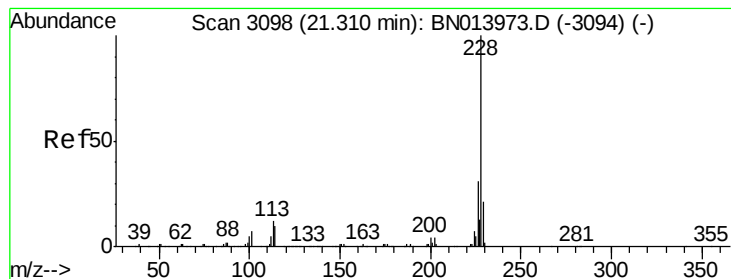


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Chrysene

Concen: 4.821 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

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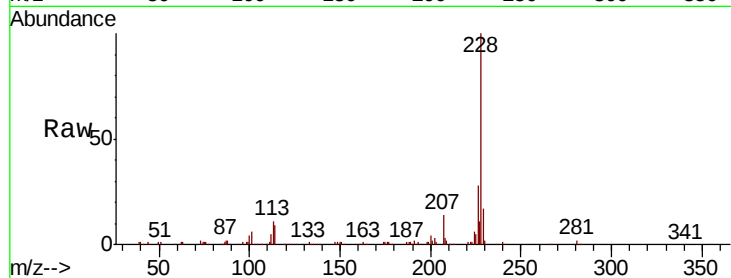
Tot Ion:228 Resp: 229370

Ion Ratio Lower Upper

228 100

226 28.2 23.8 35.6

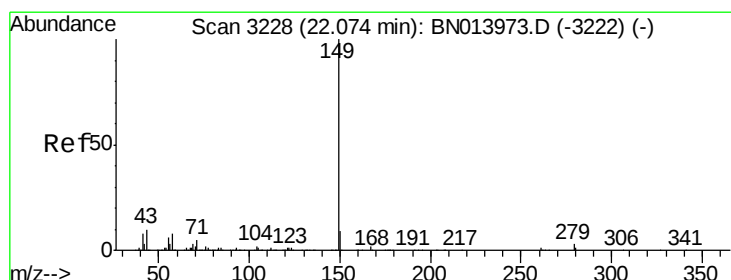
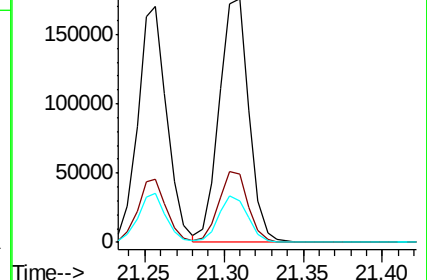
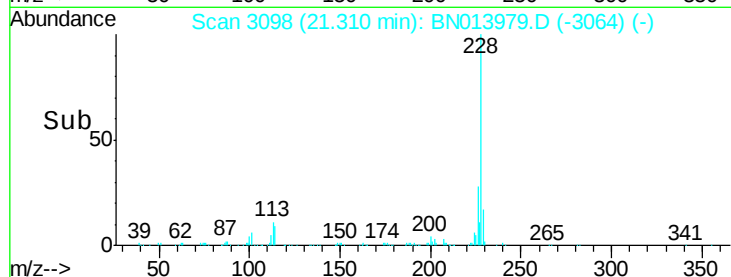
229 17.3 15.0 22.6



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: 3.010 ng/ul

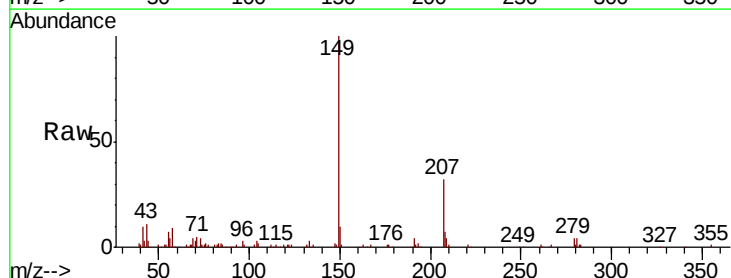
RT: 22.07 min Scan# 3227

Delta R.T. -0.01 min

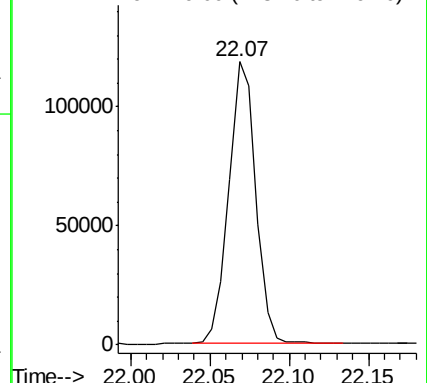
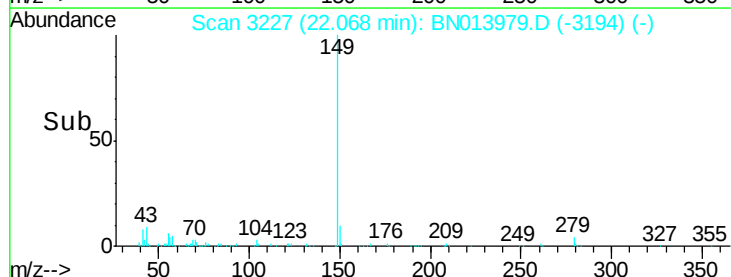
Lab File: BN013979.D

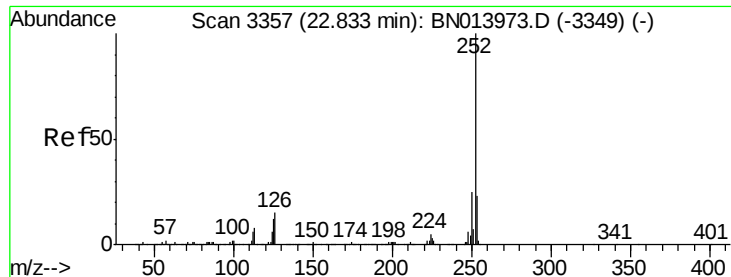
Acq: 18 Mar 2021 12:57

Tgt Ion:149 Resp: 140003



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 4.833 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

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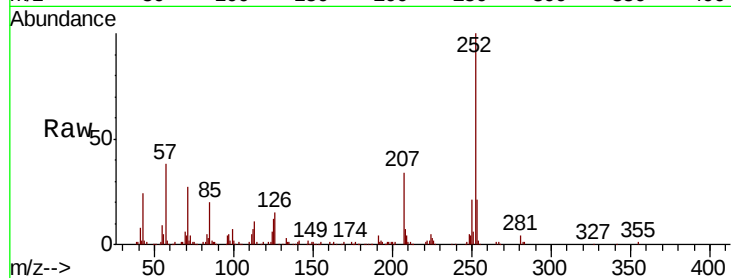
Tot Ion:252 Resp: 227009

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

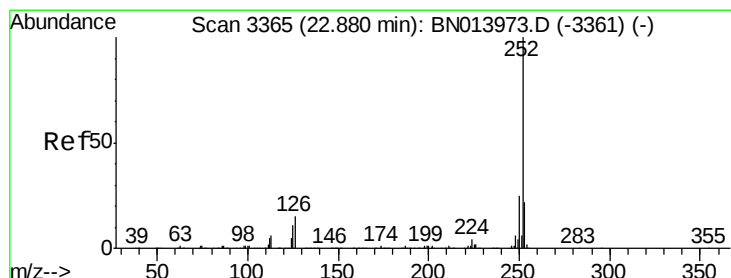
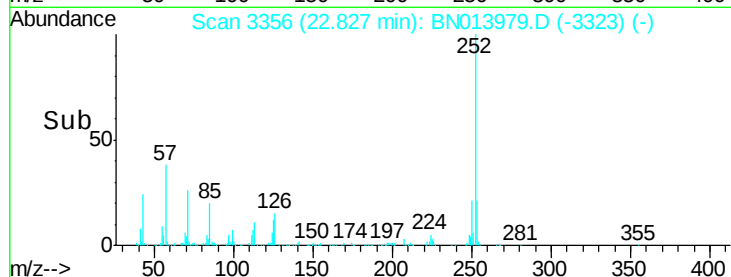
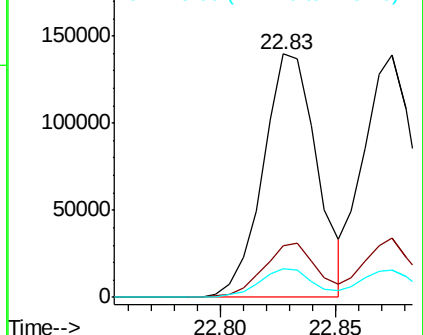
125 11.7 8.7 13.1



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



#91

Benzo(k)fluoranthene

Concen: 4.604 ng/ul

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

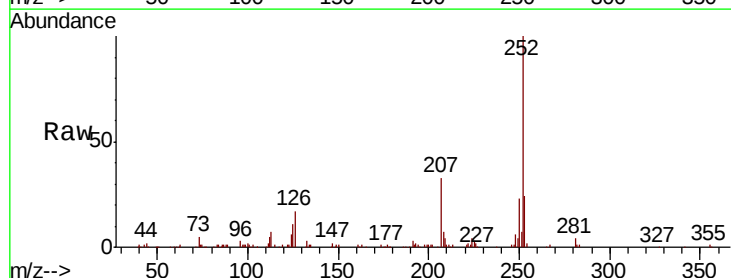
Tgt Ion:252 Resp: 217163

Ion Ratio Lower Upper

252 100

253 24.2 17.8 26.6

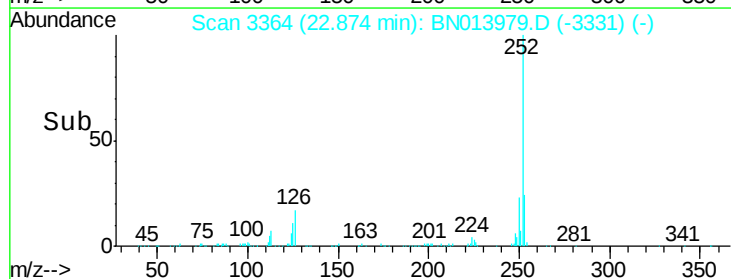
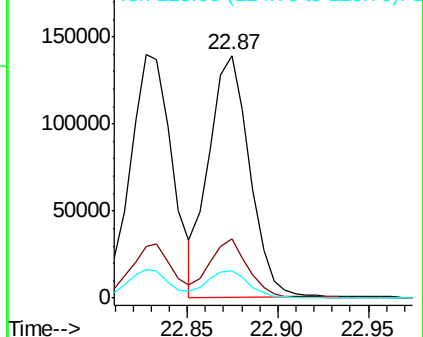
125 11.2 9.1 13.7

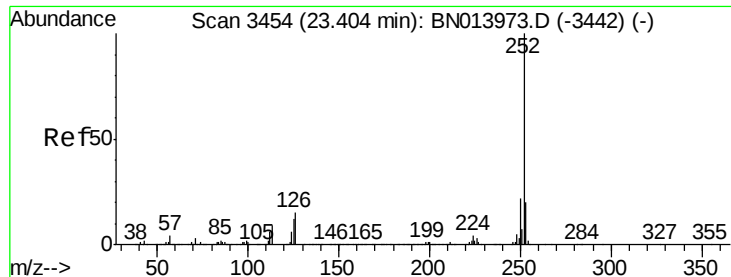


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 5.027 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. -0.00 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

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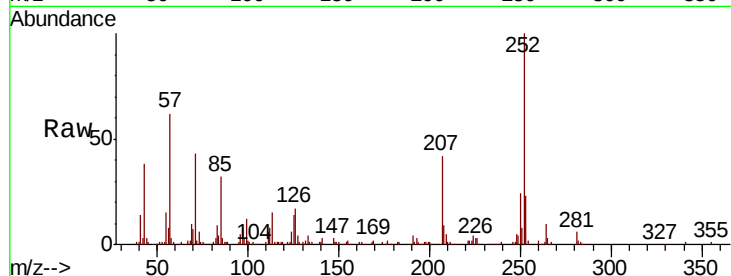
Tot Ion:252 Resp: 212609

Ion Ratio Lower Upper

252 100

253 23.3 15.6 23.4

125 13.7 9.5 14.3

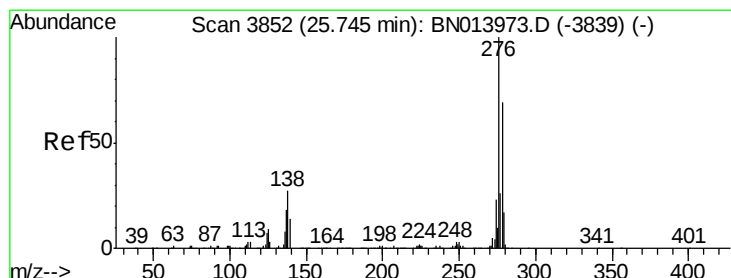
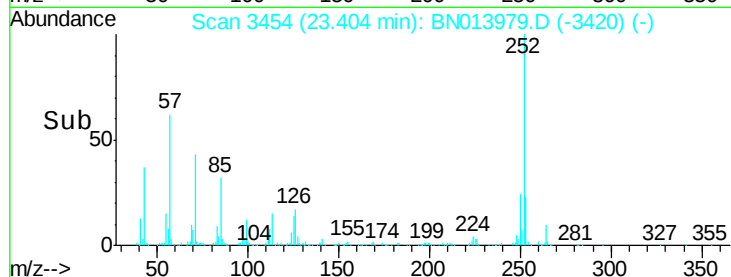
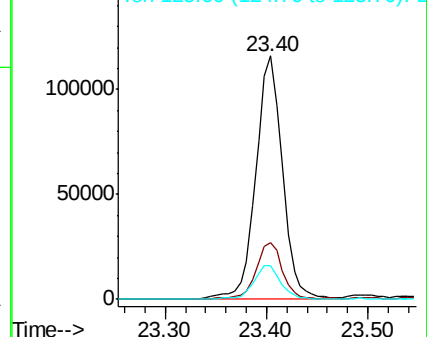


Abundance

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: 4.844 ng/ul

RT: 25.73 min Scan# 3850

Delta R.T. -0.01 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

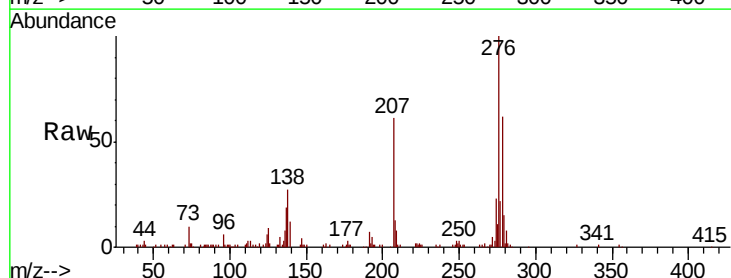
Tgt Ion:276 Resp: 258120

Ion Ratio Lower Upper

276 100

138 27.2 22.7 34.1

277 22.3 19.4 29.0

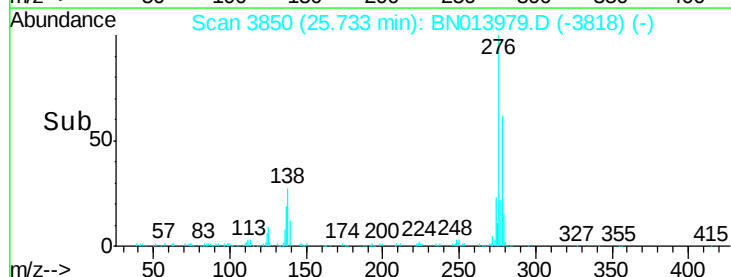
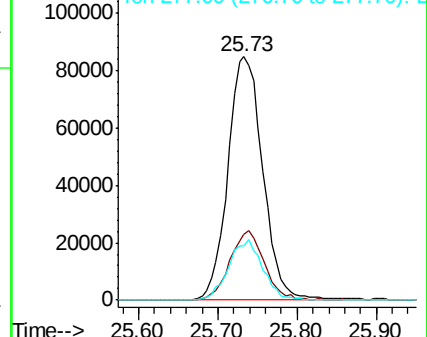


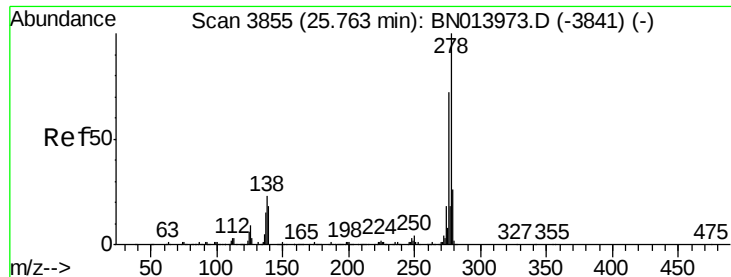
Abundance

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: 4.921 ng/ul

RT: 25.74 min Scan# 3852

Delta R.T. -0.02 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-04

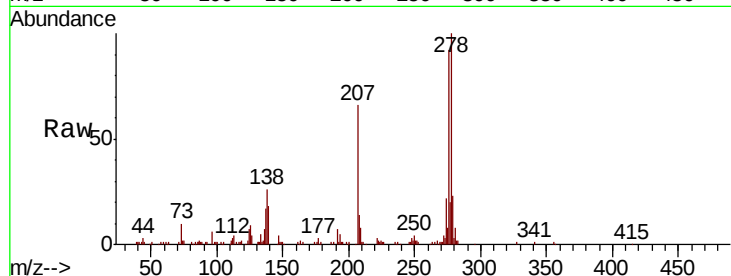
Tot Ion:278 Resp: 220979

Ion Ratio Lower Upper

278 100

139 17.6 13.8 20.8

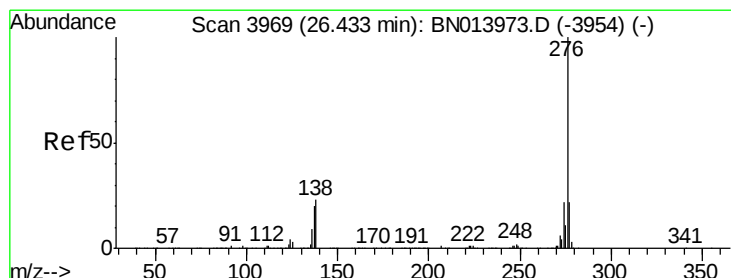
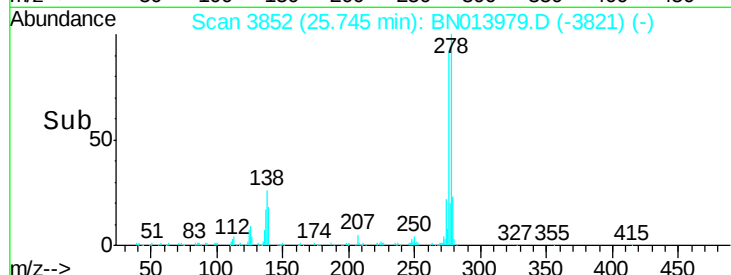
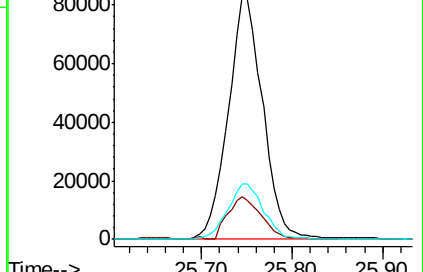
279 22.7 17.5 26.3



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



#96

Benzo(g,h,i)perylene

Concen: 4.766 ng/ul

RT: 26.42 min Scan# 3967

Delta R.T. -0.01 min

Lab File: BN013979.D

Acq: 18 Mar 2021 12:57

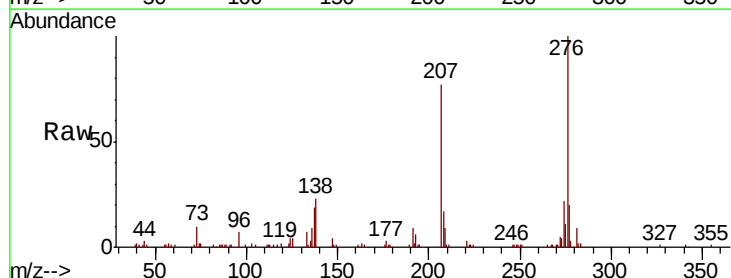
Tgt Ion:276 Resp: 210111

Ion Ratio Lower Upper

276 100

138 23.3 18.9 28.3

277 20.2 17.9 26.9



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

