

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\  
 Data File : BN013371.D  
 Acq On : 08 Jan 2021 17:02  
 Operator : CG/JU  
 Sample : L4485-16  
 Misc : MDL-MESOIL-02  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-ME-SOIL-02

Quant Time: Jan 08 17:36:37 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN010521.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 08 12:05:50 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 350930   | 20.00 | ng/ul | 0.00     |
| 20) Naphthalene-d8        | 10.36 | 136  | 1452565  | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.23 | 164  | 886728   | 20.00 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 16.97 | 188  | 1807578  | 20.00 | ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.17 | 240  | 1807124  | 20.00 | ng/ul | 0.00     |
| 88) Perylene-d12          | 23.35 | 264  | 1826511  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 43316   | 4.70  | ng/uL | 0.00 |
| 4) Pyridine-d5                 | 3.59  | 84  | 546212  | 23.77 | ng/ul | 0.00 |
| 7) Phenol-d5                   | 6.78  | 99  | 964373  | 32.72 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 588393  | 35.85 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4          | 7.13  | 132 | 838758  | 32.67 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8          | 8.30  | 113 | 818896  | 34.40 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5            | 8.74  | 128 | 389409  | 33.66 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4           | 9.45  | 143 | 402005  | 33.70 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 764603  | 32.45 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4         | 10.50 | 131 | 1143653 | 35.47 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6       | 13.65 | 166 | 2367555 | 34.53 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8          | 13.92 | 160 | 3053927 | 36.09 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4           | 14.43 | 143 | 392699  | 31.35 | ng/ul | 0.00 |
| 60) Fluorene-d10               | 15.22 | 176 | 2038565 | 34.36 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 281371  | 31.63 | ng/ul | 0.00 |
| 73) Anthracene-d10             | 17.07 | 188 | 3078906 | 35.07 | ng/ul | 0.00 |
| 81) Pyrene-d10                 | 19.37 | 212 | 3333617 | 34.25 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12         | 23.22 | 264 | 3263971 | 34.22 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue |     |
|--------------------------------|-------|-----|--------|-------|--------|-----|
| 2) 1,4-Dioxane                 | 3.23  | 88  | 6322   | 0.691 | ng/uL  | 88  |
| 5) Pyridine                    | 3.61  | 79  | 66908  | 2.892 | ng/ul# | 74  |
| 6) Benzaldehyde                | 6.75  | 77  | 51416  | 4.647 | ng/ul  | 95  |
| 8) Phenol                      | 6.80  | 94  | 82853  | 2.779 | ng/ul  | 99  |
| 10) Bis(2-Chloroethyl)ether    | 7.03  | 93  | 74002  | 3.133 | ng/ul  | 96  |
| 12) 2-Chlorophenol             | 7.17  | 128 | 72856  | 2.785 | ng/ul  | 99  |
| 13) 2-Methylphenol             | 8.04  | 108 | 55386  | 2.412 | ng/ul  | 96  |
| 14) 2,2'-oxybis(1-Chloropropan | 8.12  | 45  | 99484  | 3.005 | ng/ul  | 98  |
| 16) Acetophenone               | 8.41  | 105 | 95689  | 2.739 | ng/ul  | 96  |
| 17) N-Nitroso-di-n-propylamine | 8.40  | 70  | 40838  | 2.356 | ng/ul# | 94  |
| 18) 4-Methylphenol             | 8.36  | 108 | 68513  | 2.779 | ng/ul  | 93  |
| 19) Hexachloroethane           | 8.66  | 117 | 28205  | 2.748 | ng/ul  | 99  |
| 22) Nitrobenzene               | 8.78  | 77  | 74846  | 2.886 | ng/ul  | 99  |
| 23) Isophorone                 | 9.30  | 82  | 108403 | 2.211 | ng/ul  | 99  |
| 25) 2-Nitrophenol              | 9.49  | 139 | 37866  | 2.852 | ng/ul  | 99  |
| 26) 2,4-Dimethylphenol         | 9.55  | 107 | 69646  | 2.597 | ng/ul  | 98  |
| 27) Bis(2-Chloroethoxy)methane | 9.79  | 93  | 87638  | 2.763 | ng/ul  | 96  |
| 29) 2,4-Dichlorophenol         | 10.01 | 162 | 64881  | 2.797 | ng/ul  | 90  |
| 30) Naphthalene                | 10.41 | 128 | 245431 | 3.011 | ng/ul  | 100 |
| 32) 4-Chloroaniline            | 10.52 | 127 | 96906  | 3.158 | ng/ul  | 93  |
| 33) Hexachlorobutadiene        | 10.70 | 225 | 42735  | 2.947 | ng/ul  | 97  |
| 34) Caprolactam                | 11.31 | 113 | 11959  | 1.672 | ng/ul  | 95  |

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 Sample : L4485-16  
 Misc : MDL-MESOIL-02  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-ME-SOIL-02

Quant Time: Jan 08 17:36:37 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN010521.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 08 12:05:50 2021  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 4-Chloro-3-methylphenol    | 11.65 | 107  | 56146    | 2.260 | ng/ul  | 94       |
| 36) 2-Methylnaphthalene        | 12.03 | 142  | 163296   | 2.914 | ng/ul  | 98       |
| 37) 1-Methylnaphthalene        | 12.25 | 142  | 158816   | 2.940 | ng/ul  | 96       |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.40 | 216  | 80651    | 3.022 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene  | 12.39 | 237  | 38538    | 2.772 | ng/ul# | 97       |
| 41) 2,4,6-Trichlorophenol      | 12.65 | 196  | 35481    | 2.016 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol      | 12.71 | 196  | 41300    | 2.205 | ng/ul  | 95       |
| 43) 1,1'-Biphenyl              | 13.06 | 154  | 216510   | 3.031 | ng/ul  | 96       |
| 44) 2-Chloronaphthalene        | 13.09 | 162  | 168158   | 2.989 | ng/ul  | 98       |
| 45) 2-Nitroaniline             | 13.30 | 65   | 26437    | 1.844 | ng/ul  | 97       |
| 47) Dimethylphthalate          | 13.69 | 163  | 205848   | 2.925 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene         | 13.80 | 165  | 26620    | 1.995 | ng/ul# | 94       |
| 50) Acenaphthylene             | 13.95 | 152  | 253699   | 2.966 | ng/ul  | 95       |
| 51) 3-Nitroaniline             | 14.13 | 138  | 28085    | 2.281 | ng/ul# | 92       |
| 52) Acenaphthene               | 14.29 | 153  | 179043   | 2.967 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol          | 14.33 | 184  | 8806     | 1.472 | ng/ul  | 96       |
| 55) 4-Nitrophenol              | 14.44 | 109  | 25911    | 2.747 | ng/ul  | 90       |
| 56) Dibenzofuran               | 14.63 | 168  | 251677   | 3.047 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene         | 14.59 | 165  | 42530    | 2.237 | ng/ul  | 93       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.86 | 232  | 34269    | 2.167 | ng/ul  | 97       |
| 59) Diethylphthalate           | 15.07 | 149  | 175407   | 2.452 | ng/ul  | 100      |
| 61) Fluorene                   | 15.28 | 166  | 205163   | 3.066 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenylether | 15.28 | 204  | 99323    | 3.079 | ng/ul  | 98       |
| 63) 4-Nitroaniline             | 15.29 | 138  | 29194    | 2.525 | ng/ul  | 95       |
| 66) 4,6-Dinitro-2-methylphenol | 15.35 | 198  | 28498    | 2.879 | ng/ul# | 67       |
| 67) N-Nitrosodiphenylamine     | 15.49 | 169  | 161329   | 2.833 | ng/ul  | 96       |
| 68) 4-Bromophenyl-phenylether  | 16.17 | 248  | 54728    | 2.751 | ng/ul  | 94       |
| 69) Hexachlorobenzene          | 16.28 | 284  | 67443    | 2.990 | ng/ul  | 98       |
| 70) Atrazine                   | 16.45 | 200  | 41595    | 2.138 | ng/ul  | 98       |
| 71) Pentachlorophenol          | 16.62 | 266  | 20913    | 1.663 | ng/ul  | 91       |
| 72) Phenanthrene               | 17.02 | 178  | 324800   | 3.097 | ng/ul  | 99       |
| 74) Anthracene                 | 17.10 | 178  | 329348   | 3.077 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.02 | 216  | 80835    | 3.085 | ng/uL  | 93       |
| 76) Pentachlorobenzene         | 14.55 | 250  | 79862    | 3.055 | ng/uL  | 98       |
| 77) Carbazole                  | 17.37 | 167  | 245981   | 2.831 | ng/ul  | 99       |
| 78) Di-n-butylphthalate        | 17.96 | 149  | 228498   | 1.930 | ng/ul  | 100      |
| 80) Fluoranthene               | 19.03 | 202  | 338694   | 2.720 | ng/ul  | 100      |
| 82) Pyrene                     | 19.40 | 202  | 390761   | 3.061 | ng/ul  | 98       |
| 83) Butylbenzylphthalate       | 20.33 | 149  | 80300    | 1.463 | ng/ul  | 92       |
| 84) 3,3'-Dichlorobenzidine     | 21.10 | 252  | 73208    | 2.142 | ng/ul  | 98       |
| 85) Benzo(a)anthracene         | 21.16 | 228  | 341259   | 2.861 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phthalate | 21.12 | 149  | 130125   | 1.601 | ng/ul  | 99       |
| 87) Chrysene                   | 21.21 | 228  | 348544   | 2.984 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate       | 21.99 | 149  | 207627   | 1.827 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene       | 22.70 | 252  | 336476   | 2.889 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene       | 22.75 | 252  | 354681   | 3.197 | ng/ul  | 99       |
| 93) Benzo(a)pyrene             | 23.26 | 252  | 331664   | 3.141 | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene     | 25.52 | 276  | 397996   | 3.009 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene     | 25.53 | 278  | 337201   | 3.042 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene       | 26.17 | 276  | 320225   | 2.857 | ng/ul  | 93       |

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Acq On : 08 Jan 2021 17:02  
Operator : CG/JU  
Sample : L4485-16  
Misc : MDL-MESOIL-02  
ALS Vial : 12 Sample Multiplier: 1

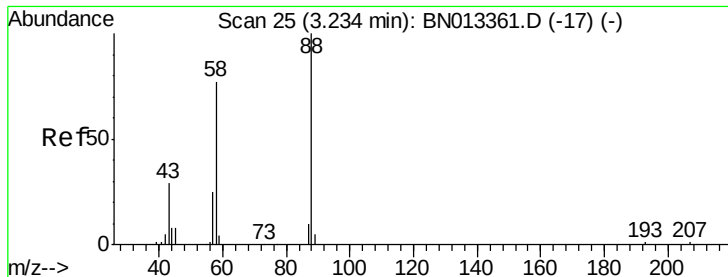
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-ME-SOIL-02

Quant Time: Jan 08 17:36:37 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN010521.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 08 12:05:50 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: 0.691 ng/uL

RT: 3.23 min Scan# 25

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

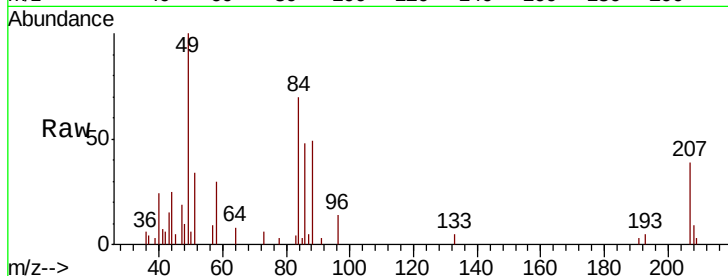
Tot Ion: 88 Resp: 6322

Ion Ratio Lower Upper

88 100

43 30.3 23.6 35.4

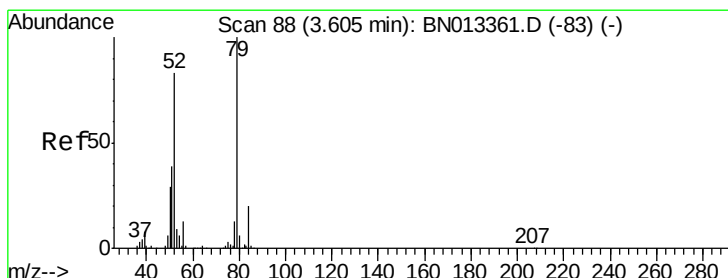
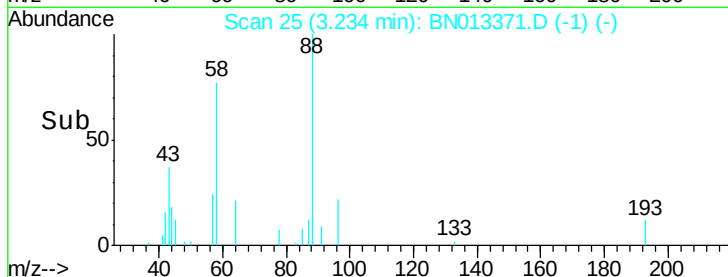
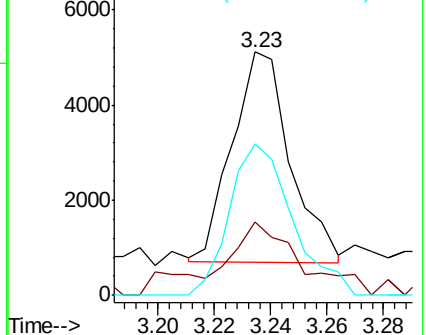
58 62.3 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): BN013371.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BN013371.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BN013371.D (-1) (-)



#5

Pyridine

Concen: 2.892 ng/uL

RT: 3.61 min Scan# 89

Delta R.T. 0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

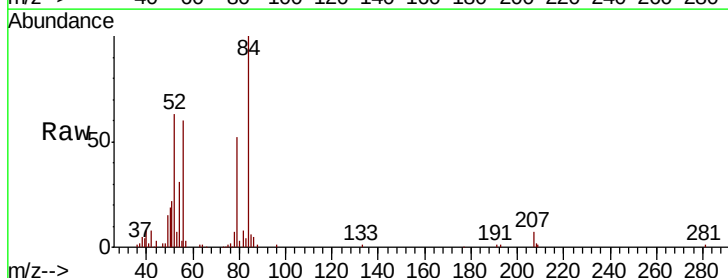
Tgt Ion: 79 Resp: 66908

Ion Ratio Lower Upper

79 100

52 119.2 69.4 104.2#

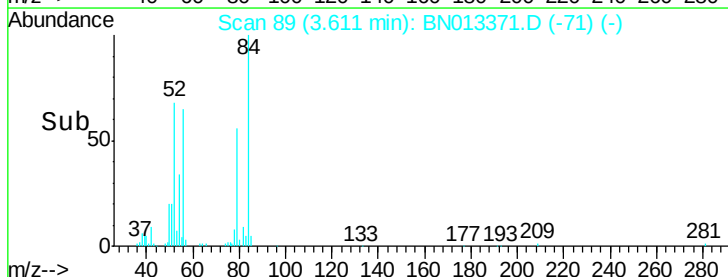
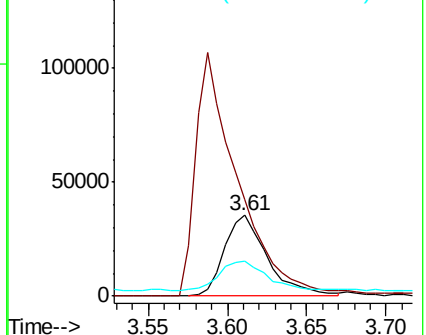
51 42.8 31.6 47.4

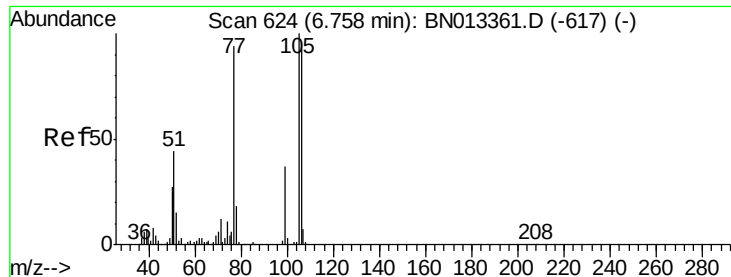


Abundance Ion 79.00 (78.70 to 79.70): BN013371.D (-71) (-)

Ion 52.00 (51.70 to 52.70): BN013371.D (-71) (-)

Ion 51.00 (50.70 to 51.70): BN013371.D (-71) (-)





#6

Benzaldehyde

Concen: 4.647 ng/ul

RT: 6.75 min Scan# 623

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

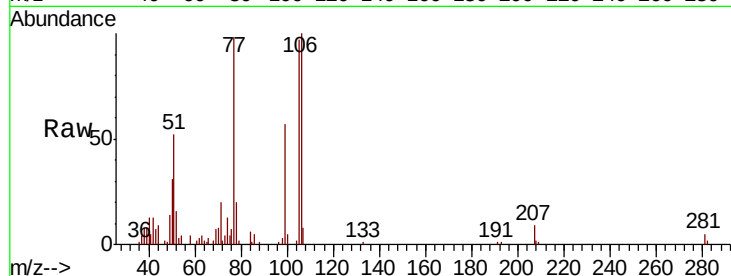
Tot Ion: 77 Resp: 51416

Ion Ratio Lower Upper

77 100

105 99.2 85.5 128.3

106 101.9 79.6 119.4



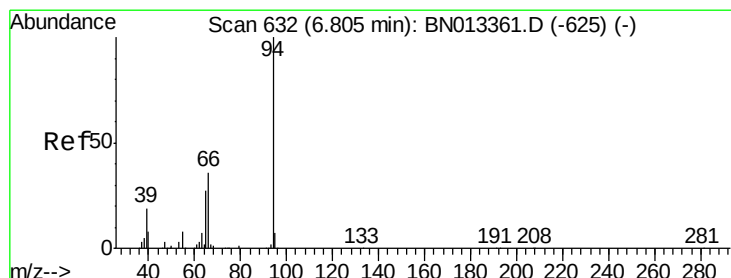
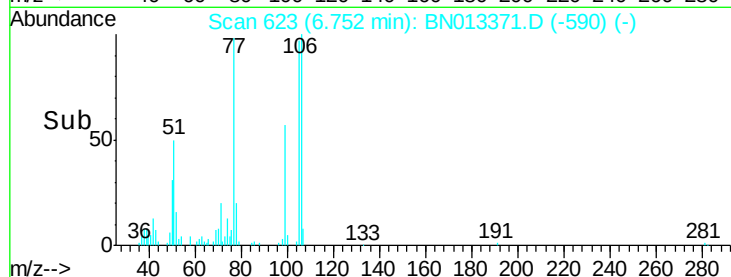
Abundance Ion 77.00 (76.70 to 77.70): BN013371.D (-590) (-)

Ion 105.00 (104.70 to 105.70): BN013371.D (-590) (-)

Ion 106.00 (105.70 to 106.70): BN013371.D (-590) (-)

6.75

Time-->



#8

Phenol

Concen: 2.779 ng/ul

RT: 6.80 min Scan# 632

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

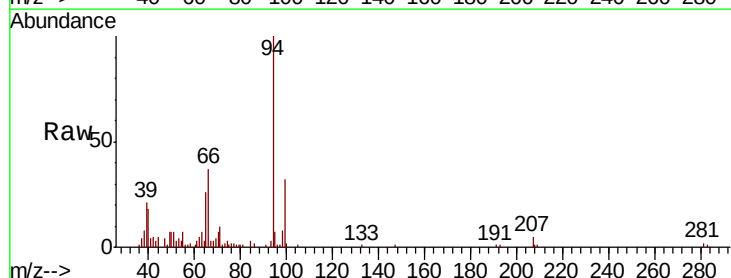
Tgt Ion: 94 Resp: 82853

Ion Ratio Lower Upper

94 100

65 26.4 21.8 32.8

66 36.8 29.8 44.6



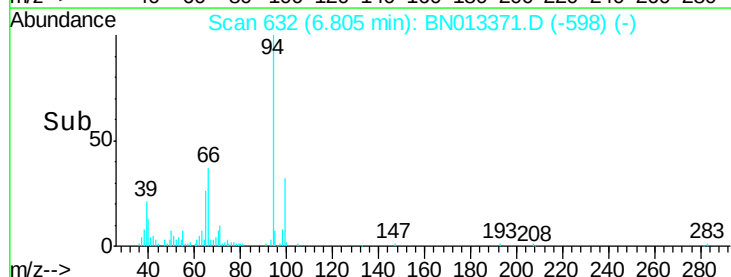
Abundance Ion 94.00 (93.70 to 94.70): BN013371.D (-598) (-)

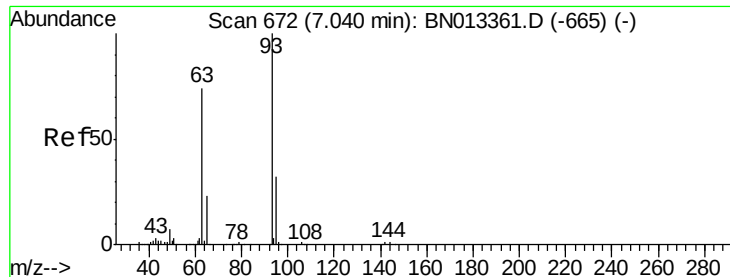
Ion 65.00 (64.70 to 65.70): BN013371.D (-598) (-)

Ion 66.00 (65.70 to 66.70): BN013371.D (-598) (-)

6.80

Time-->

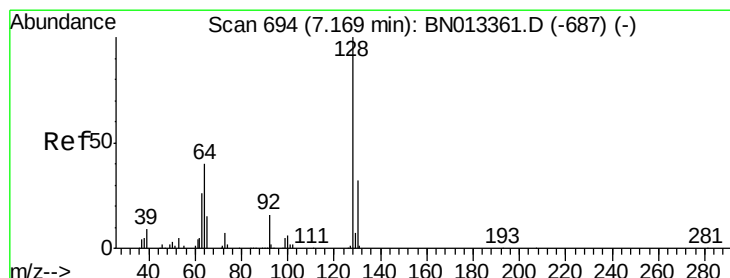
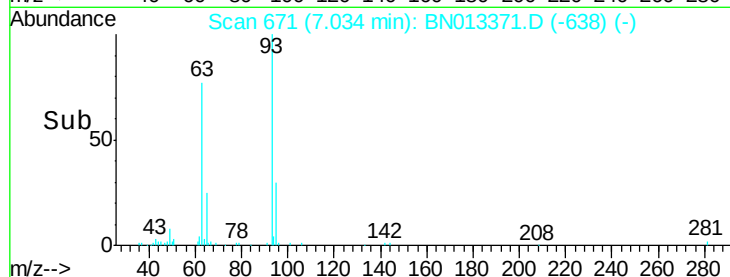
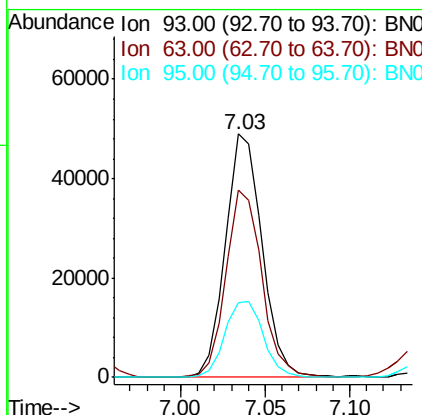
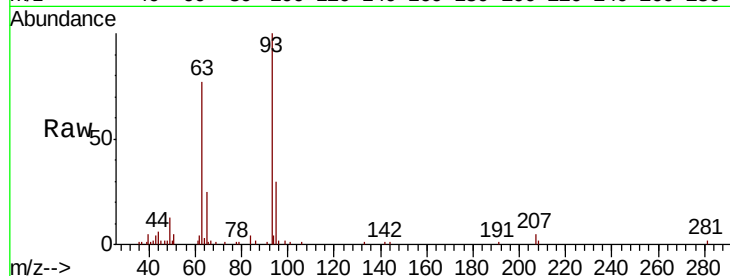




#10  
Bis(2-Chloroethyl)ether  
Concen: 3.133 ng/ul  
RT: 7.03 min Scan# 671  
Delta R.T. -0.01 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

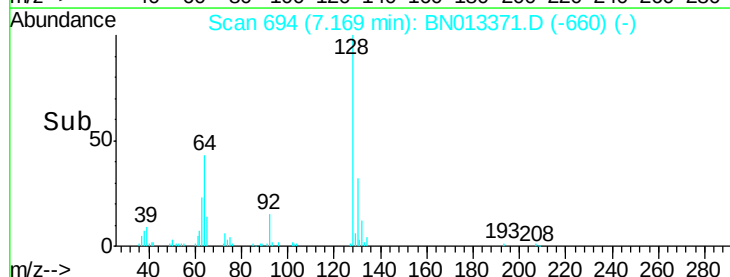
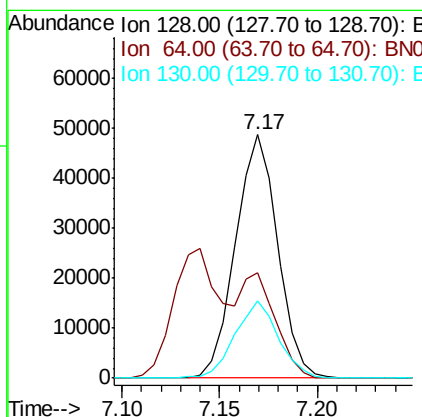
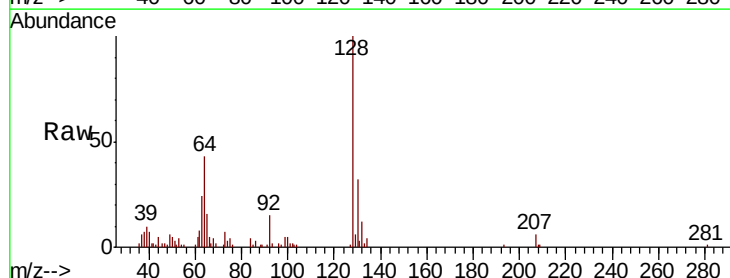
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-ME-SOIL-02

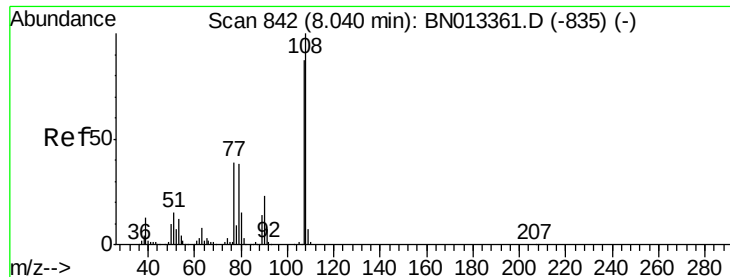
Tot Ion: 93 Resp: 74002  
Ion Ratio Lower Upper  
93 100  
63 76.8 58.8 88.2  
95 30.5 25.8 38.8



#12  
2-Chlorophenol  
Concen: 2.785 ng/ul  
RT: 7.17 min Scan# 694  
Delta R.T. 0.00 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

Tgt Ion: 128 Resp: 72856  
Ion Ratio Lower Upper  
128 100  
64 43.5 34.6 51.8  
130 31.7 25.8 38.6





#13

2-Methylphenol

Concen: 2.412 ng/ul

RT: 8.04 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

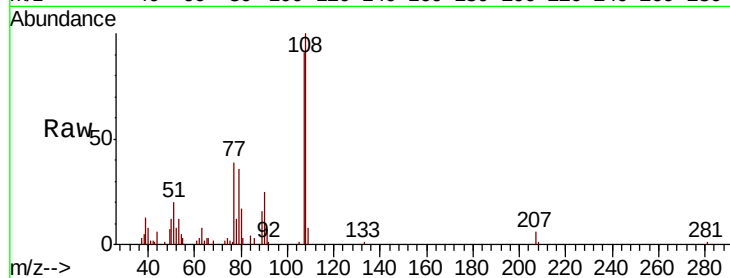
MDL-ME-SOIL-02

Tot Ion:108 Resp: 55386

Ion Ratio Lower Upper

108 100

107 90.7 69.7 104.5



Abundance Ion 108.00 (107.70 to 108.70): B

Ion 107.00 (106.70 to 107.70): B

8.04

40000

30000

20000

10000

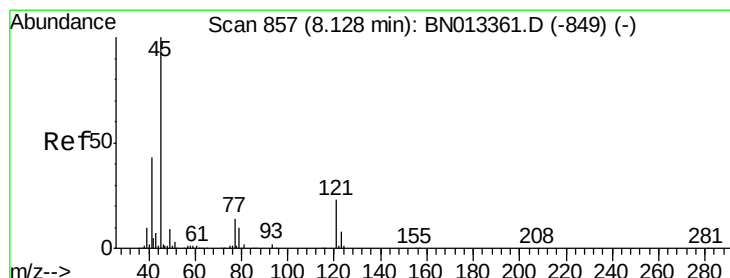
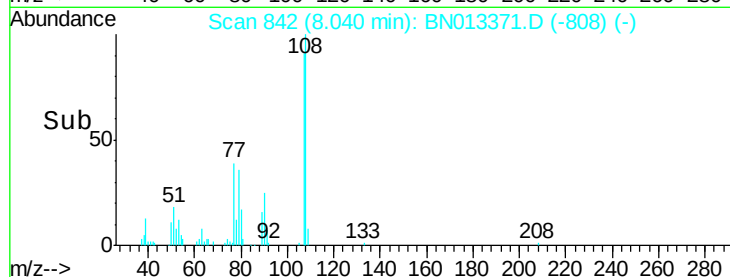
0

Time-->

8.00

8.05

8.10



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.005 ng/ul

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

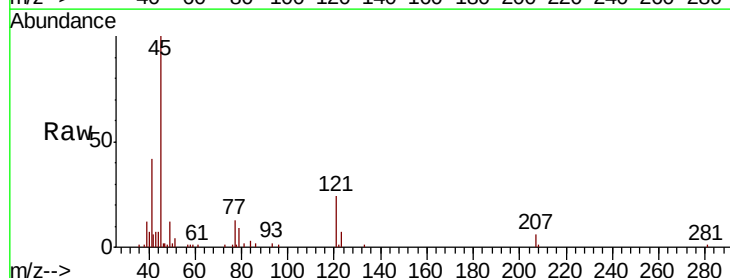
Tgt Ion: 45 Resp: 99484

Ion Ratio Lower Upper

45 100

77 13.4 11.0 16.6

79 9.4 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): BNO

Ion 77.00 (76.70 to 77.70): BNO

Ion 79.00 (78.70 to 79.70): BNO

8.12

50000

40000

30000

20000

10000

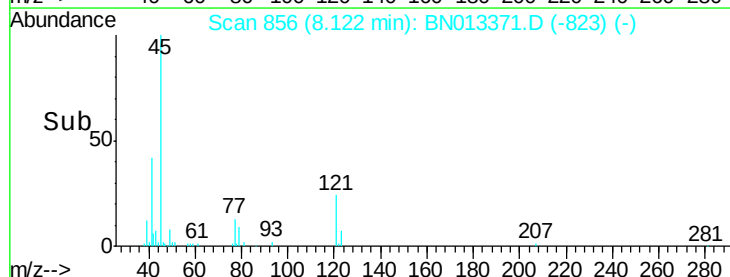
0

Time-->

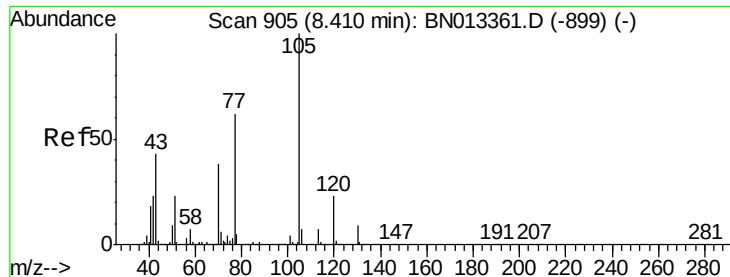
8.05

8.10

8.15







#16

Acetophenone

Concen: 2.739 ng/ul

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

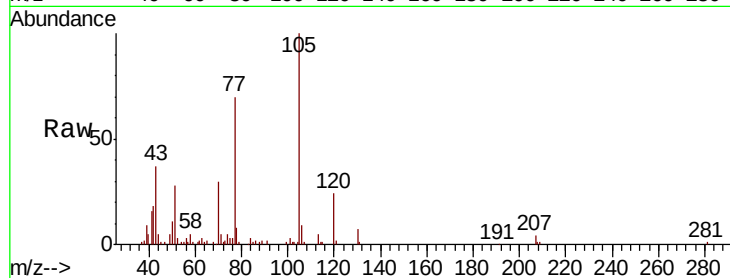
Tot Ion:105 Resp: 95689

Ion Ratio Lower Upper

105 100

77 70.0 58.7 88.1

51 28.0 21.4 32.2



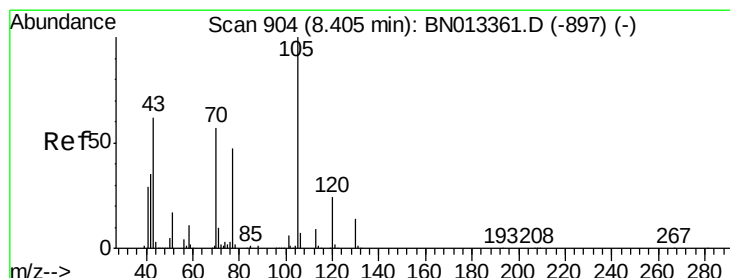
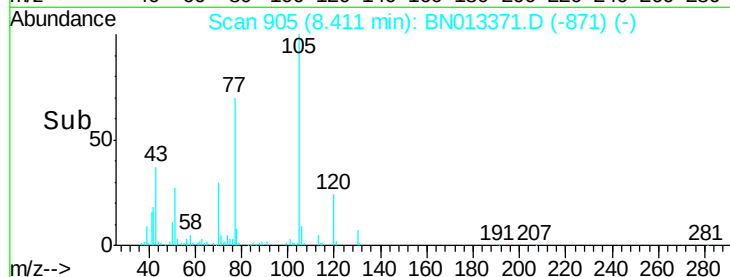
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

8.41

Time-->



#17

N-Nitroso-di-n-propylamine

Concen: 2.356 ng/ul

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Tgt Ion: 70 Resp: 40838

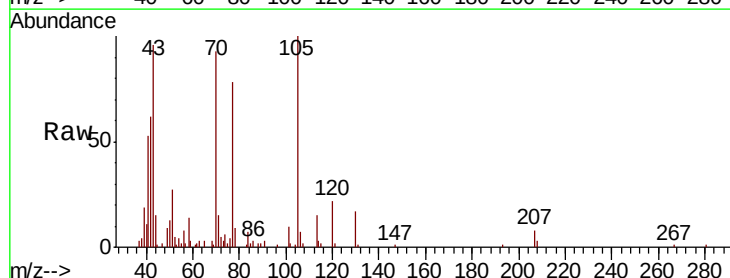
Ion Ratio Lower Upper

70 100

42 66.5 50.3 75.5

101 10.5 8.5 12.7

130 18.4 19.9 29.9#



Abundance Ion 70.00 (69.70 to 70.70): BNC

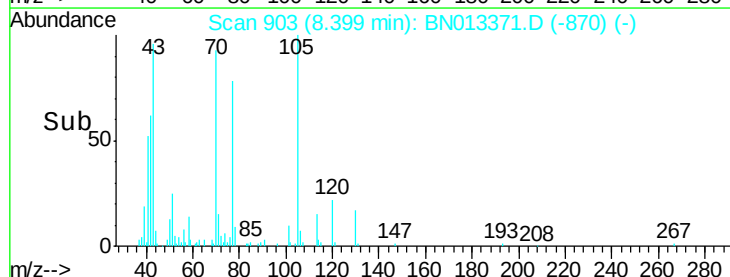
Ion 42.00 (41.70 to 42.70): BNC

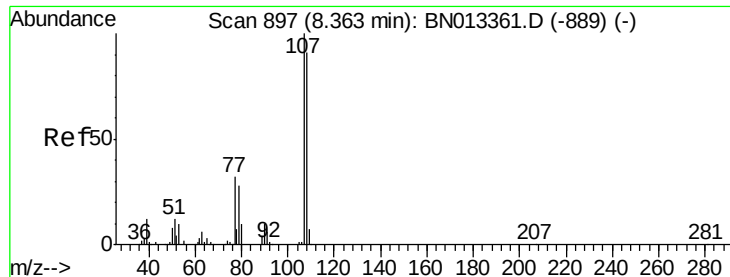
Ion 101.00 (100.70 to 101.70): BNC

Ion 130.00 (129.70 to 130.70): BNC

8.40

Time-->

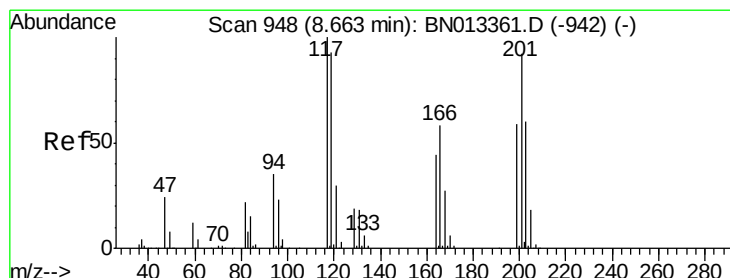
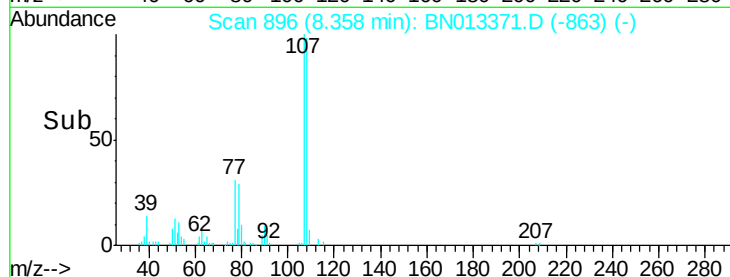
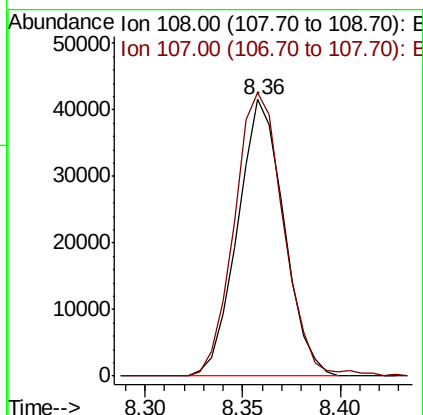
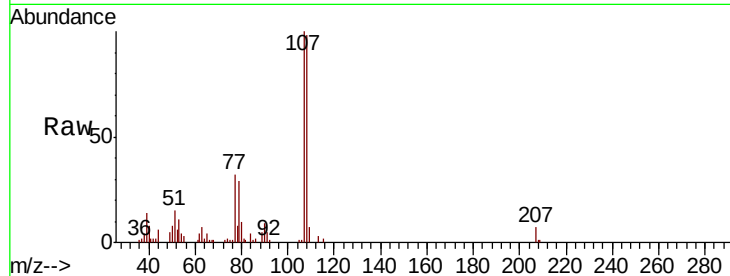




#18  
4-Methylphenol  
Concen: 2.779 ng/ul  
RT: 8.36 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

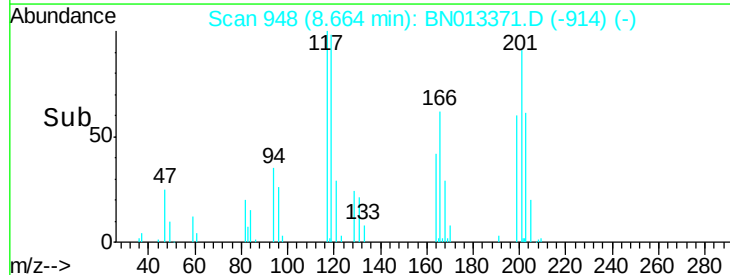
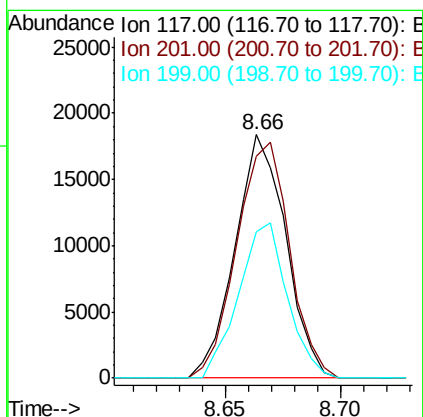
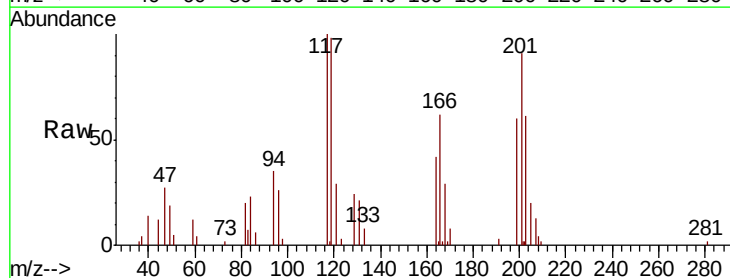
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-ME-SOIL-02

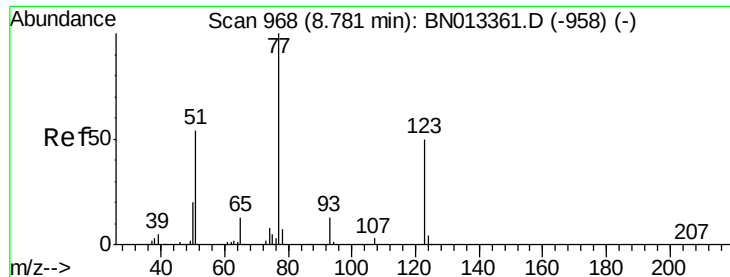
Tot Ion:108 Resp: 68513  
Ion Ratio Lower Upper  
108 100  
107 102.3 87.9 131.9



#19  
Hexachloroethane  
Concen: 2.748 ng/ul  
RT: 8.66 min Scan# 948  
Delta R.T. 0.00 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

Tgt Ion:117 Resp: 28205  
Ion Ratio Lower Upper  
117 100  
201 91.0 73.8 110.6  
199 59.9 47.1 70.7





#22

Nitrobenzene

Concen: 2.886 ng/ul

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

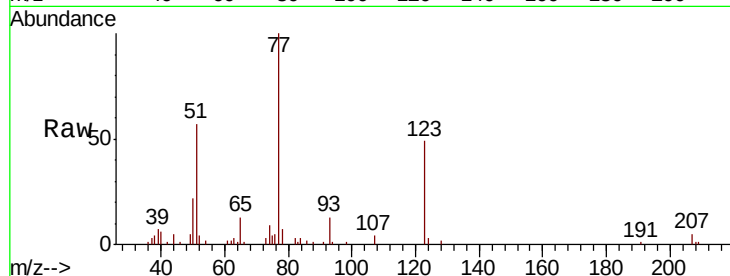
Tot Ion: 77 Resp: 74846

Ion Ratio Lower Upper

77 100

123 49.3 40.2 60.4

65 12.7 10.6 16.0

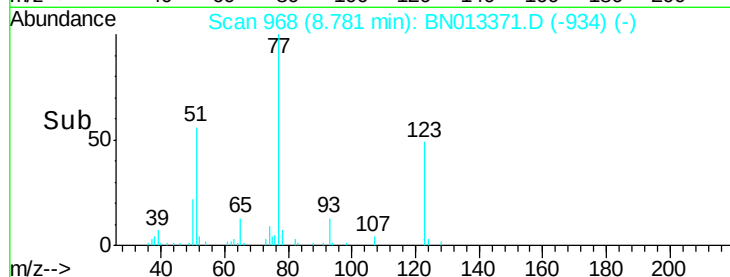


Abundance Ion 77.00 (76.70 to 77.70): BN013371.D (-934) (-)

Ion 123.00 (122.70 to 123.70): BN013371.D (-934) (-)

Ion 65.00 (64.70 to 65.70): BN013371.D (-934) (-)

Time-->

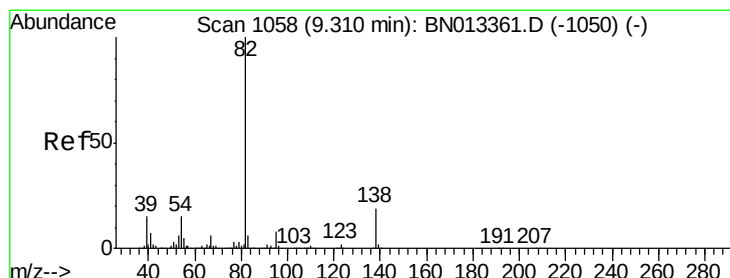


Abundance Ion 77.00 (76.70 to 77.70): BN013371.D (-934) (-)

Ion 123.00 (122.70 to 123.70): BN013371.D (-934) (-)

Ion 65.00 (64.70 to 65.70): BN013371.D (-934) (-)

Time-->



#23

Isophorone

Concen: 2.211 ng/ul

RT: 9.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

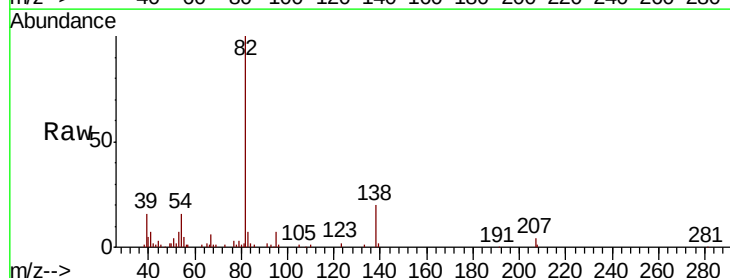
Tgt Ion: 82 Resp: 108403

Ion Ratio Lower Upper

82 100

95 6.7 6.1 9.1

138 19.6 15.6 23.4

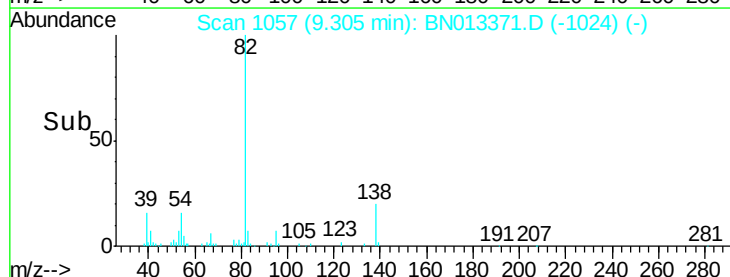


Abundance Ion 82.00 (81.70 to 82.70): BN013371.D (-1024) (-)

Ion 95.00 (94.70 to 95.70): BN013371.D (-1024) (-)

Ion 138.00 (137.70 to 138.70): BN013371.D (-1024) (-)

Time-->

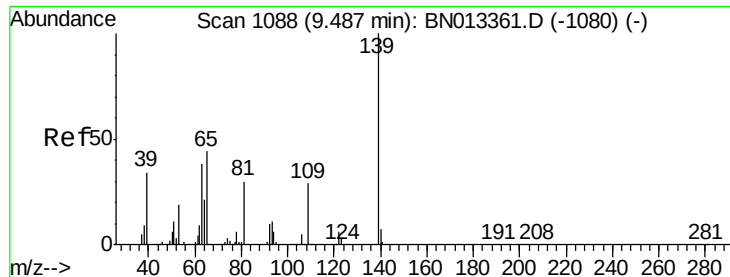


Abundance Ion 82.00 (81.70 to 82.70): BN013371.D (-1024) (-)

Ion 95.00 (94.70 to 95.70): BN013371.D (-1024) (-)

Ion 138.00 (137.70 to 138.70): BN013371.D (-1024) (-)

Time-->



#25

2-Nitrophenol

Concen: 2.852 ng/ul

RT: 9.49 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

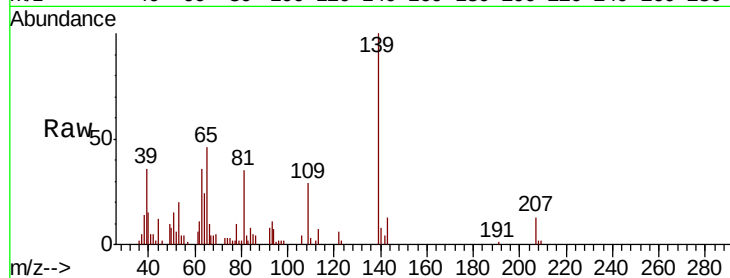
Tot Ion:139 Resp: 37866

Ion Ratio Lower Upper

139 100

65 45.8 35.9 53.9

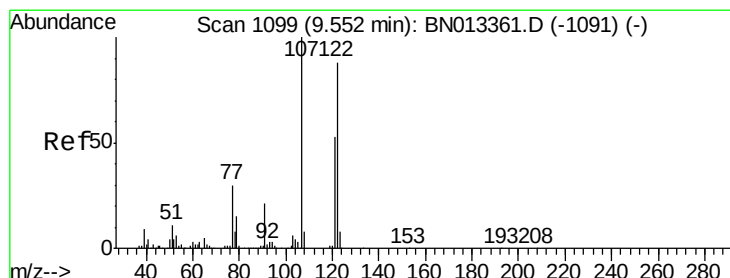
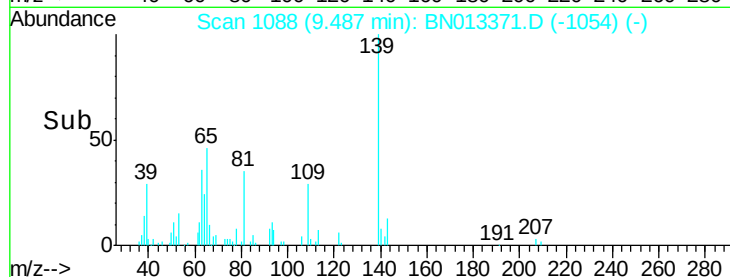
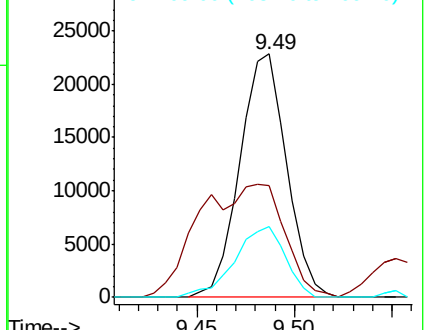
109 28.9 23.0 34.4



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: 2.597 ng/ul

RT: 9.55 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

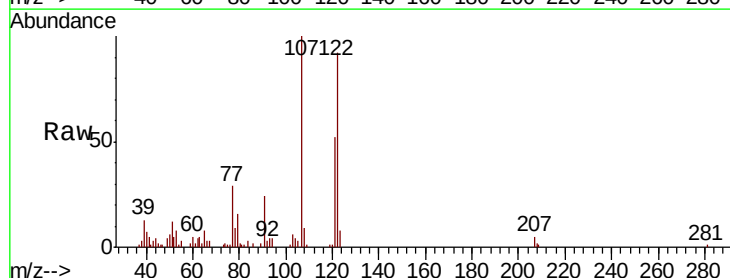
Tgt Ion:107 Resp: 69646

Ion Ratio Lower Upper

107 100

121 51.6 42.2 63.2

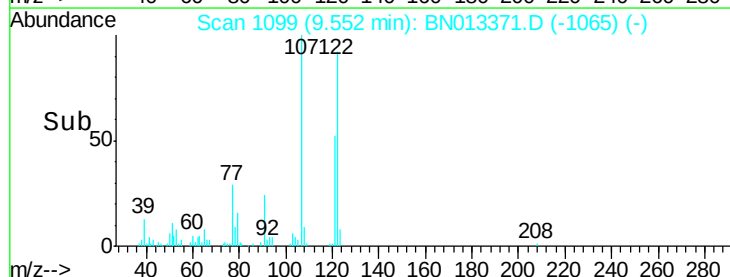
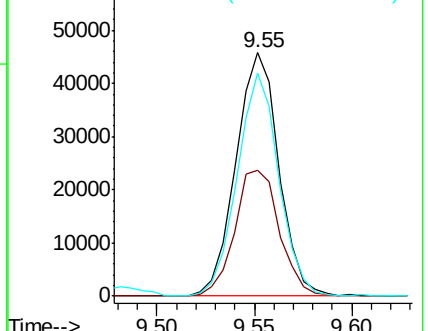
122 91.6 71.3 106.9

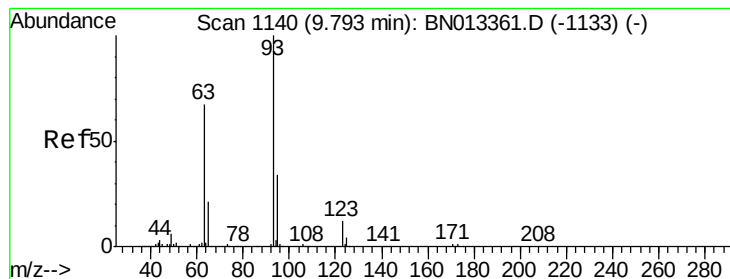


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Bis(2-Chloroethoxy)methane

Concen: 2.763 ng/ul

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

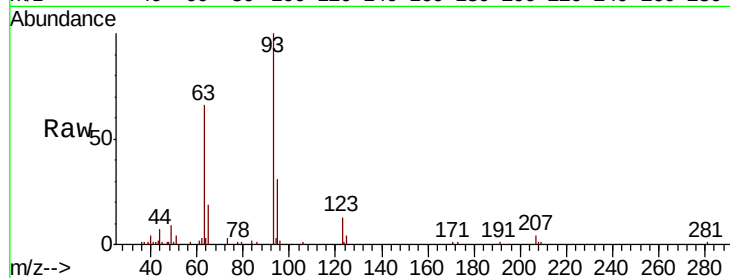
Tot Ion: 93 Resp: 87638

Ion Ratio Lower Upper

93 100

95 30.6 26.8 40.2

123 12.7 9.9 14.9

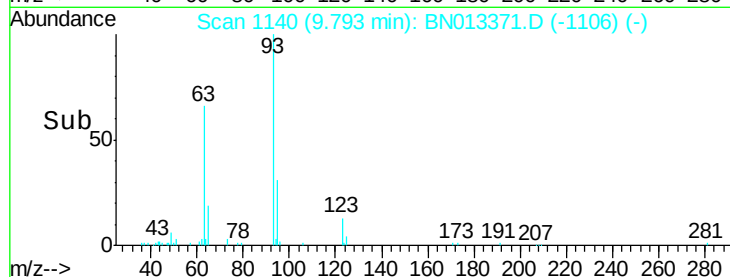


Abundance Ion 93.00 (92.70 to 93.70): BN013371.D (-1133) (-)

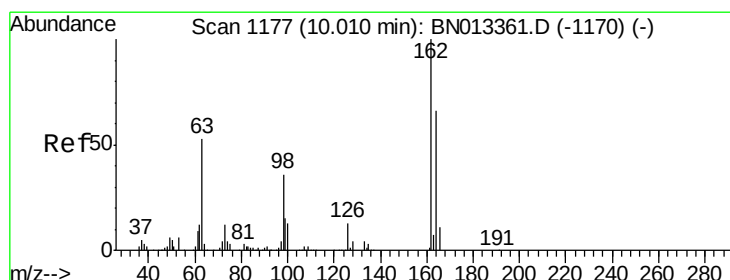
Ion 95.00 (94.70 to 95.70): BN013371.D (-1133) (-)

Ion 123.00 (122.70 to 123.70): BN013371.D (-1133) (-)

Time-->



Time-->



#29

2,4-Dichlorophenol

Concen: 2.797 ng/ul

RT: 10.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

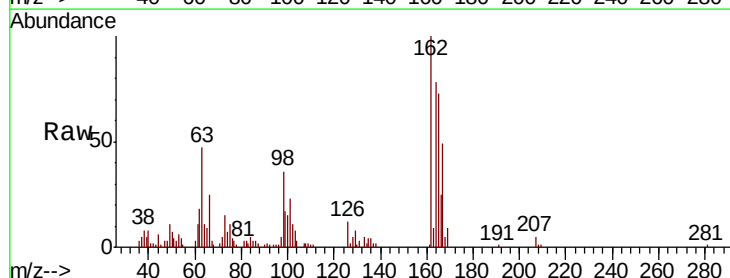
Tgt Ion: 162 Resp: 64881

Ion Ratio Lower Upper

162 100

164 78.4 53.3 79.9

98 35.7 29.0 43.6

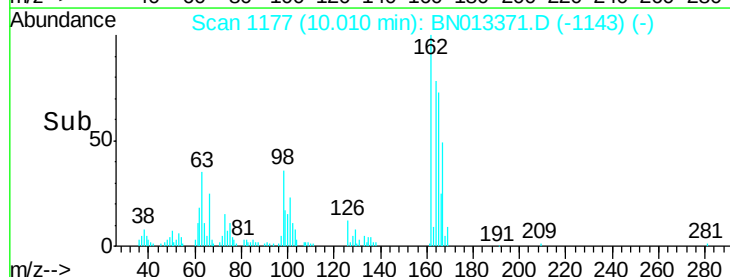


Abundance Ion 162.00 (161.70 to 162.70): BN013371.D (-1170) (-)

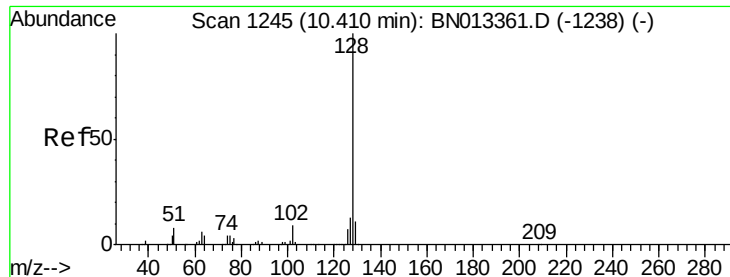
Ion 164.00 (163.70 to 164.70): BN013371.D (-1170) (-)

Ion 98.00 (97.70 to 98.70): BN013371.D (-1170) (-)

Time-->



Time-->



#30

Naphthalene

Concen: 3.011 ng/ul

RT: 10.41 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

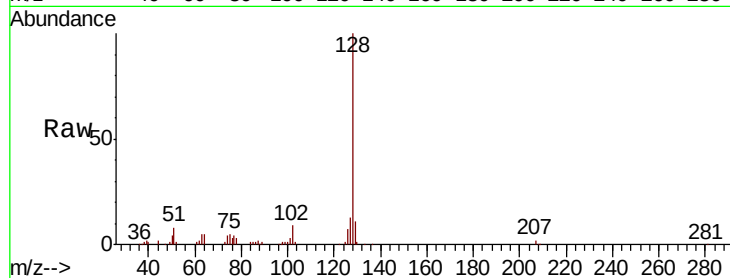
Tot Ion:128 Resp: 245431

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

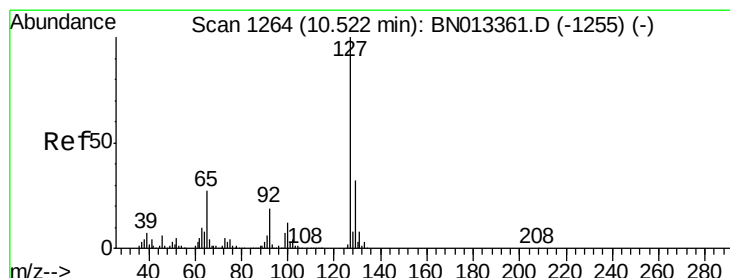
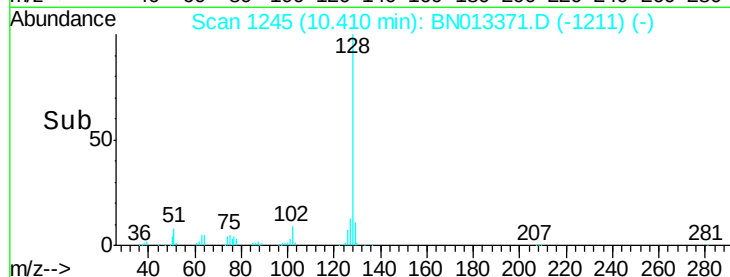
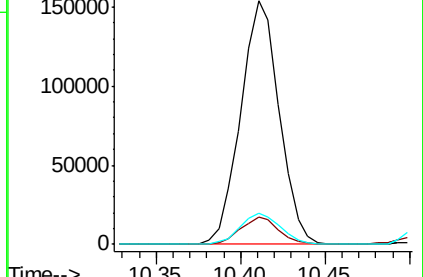
127 12.8 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

4-Chloroaniline

Concen: 3.158 ng/ul

RT: 10.52 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN013371.D

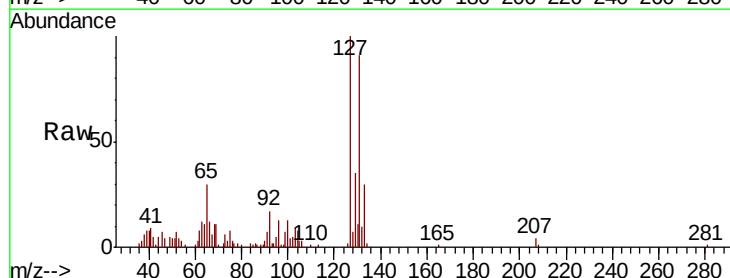
Acq: 08 Jan 2021 17:02

Tgt Ion:127 Resp: 96906

Ion Ratio Lower Upper

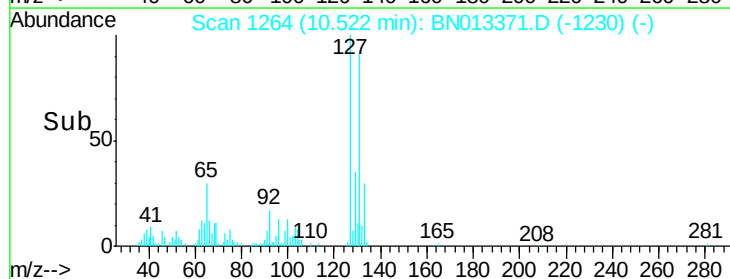
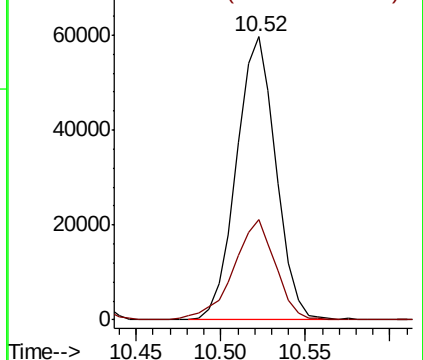
127 100

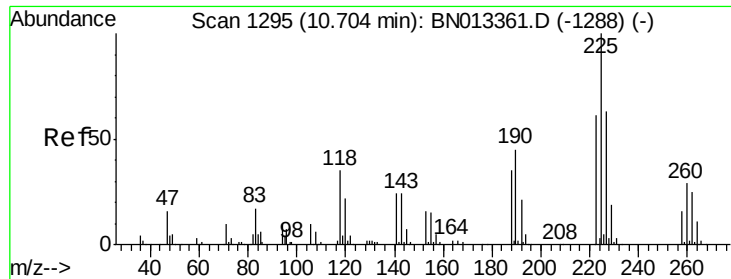
129 35.4 25.4 38.0



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#33

Hexachlorobutadiene

Concen: 2.947 ng/ul

RT: 10.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

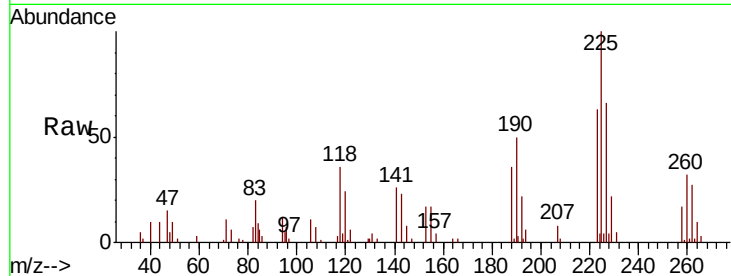
Tot Ion:225 Resp: 42735

Ion Ratio Lower Upper

225 100

223 63.2 48.7 73.1

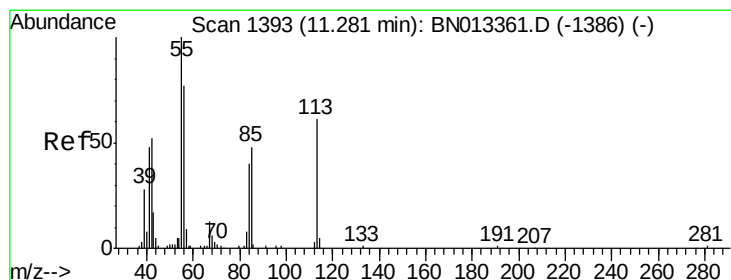
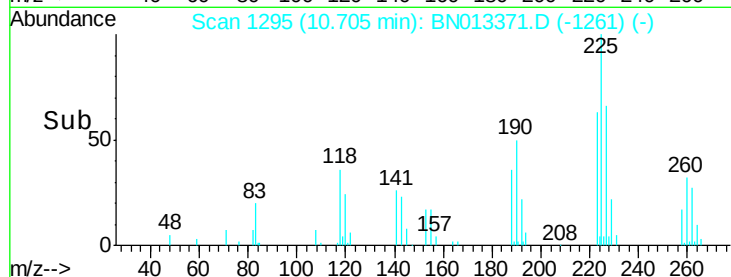
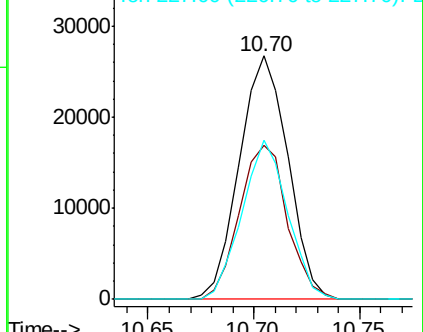
227 65.6 50.2 75.4



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#34

Caprolactam

Concen: 1.672 ng/ul

RT: 11.31 min Scan# 1398

Delta R.T. 0.03 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

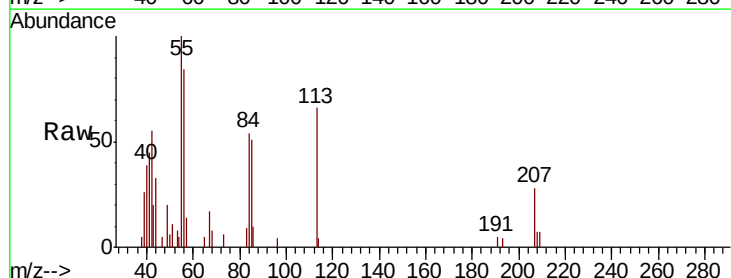
Tgt Ion:113 Resp: 11959

Ion Ratio Lower Upper

113 100

55 151.2 130.5 195.7

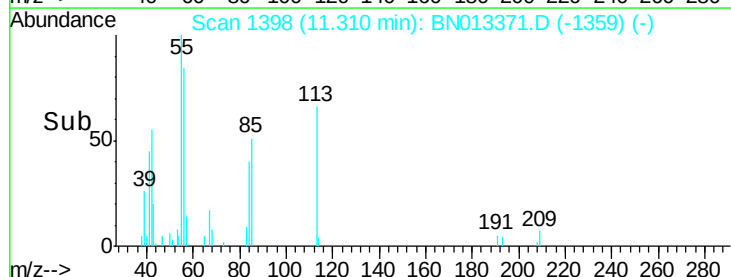
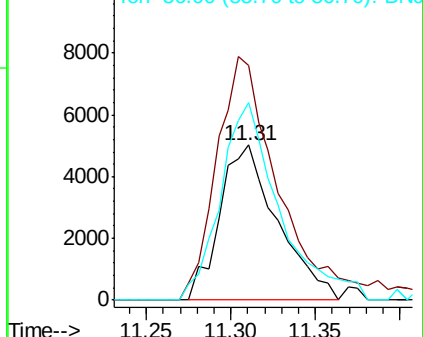
56 127.5 101.0 151.6

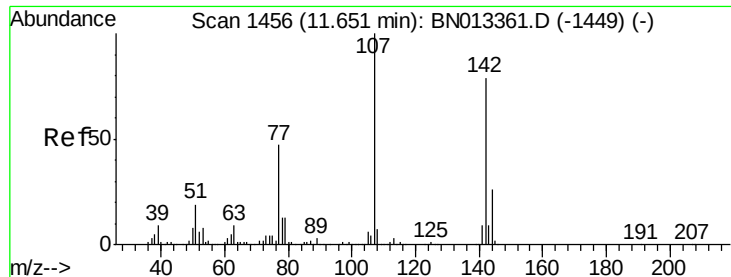


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC

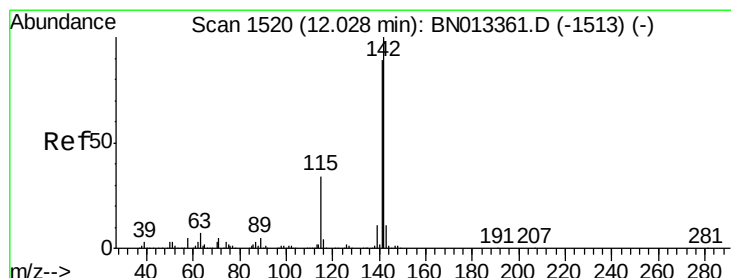
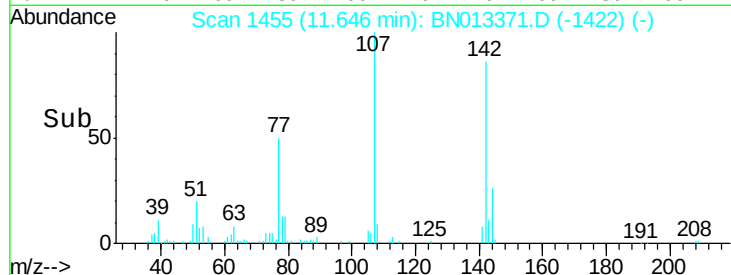
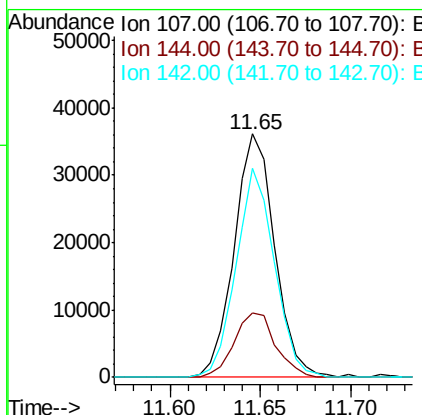
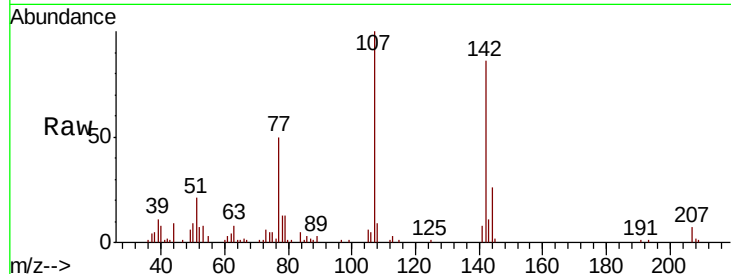




#35  
 4-Chloro-3-methylphenol  
 Concen: 2.260 ng/ul  
 RT: 11.65 min Scan# 1455  
 Delta R.T. -0.01 min  
 Lab File: BN013371.D  
 Acq: 08 Jan 2021 17:02

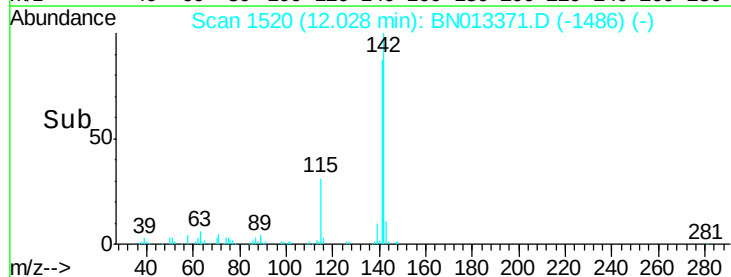
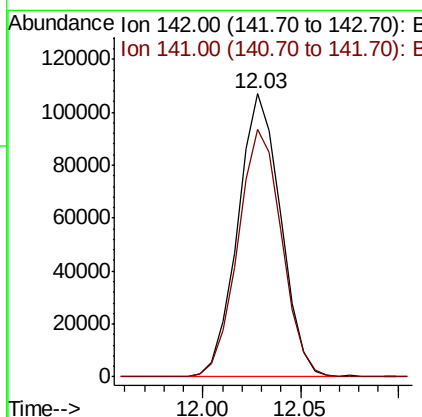
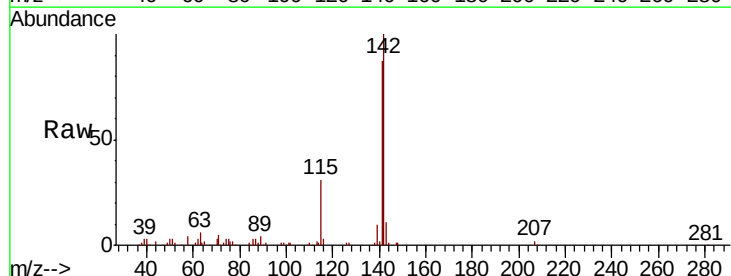
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-ME-SOIL-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.4  | 21.2  | 31.8  |
| 142     | 85.7  | 63.2  | 94.8  |

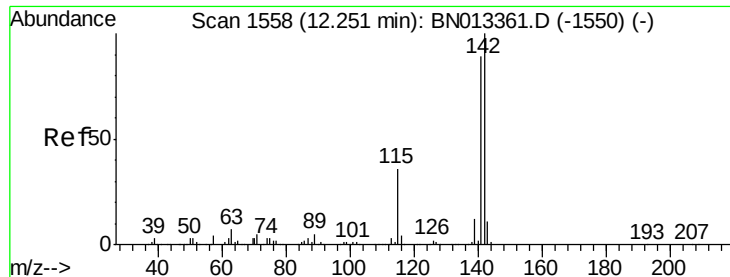


#36  
 2-Methylnaphthalene  
 Concen: 2.914 ng/ul  
 RT: 12.03 min Scan# 1520  
 Delta R.T. 0.00 min  
 Lab File: BN013371.D  
 Acq: 08 Jan 2021 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.5  | 71.5  | 107.3 |







#37

1-Methylnaphthalene

Concen: 2.940 ng/ul

RT: 12.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

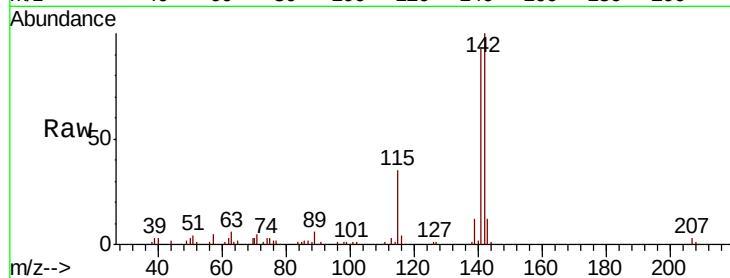
Tot Ion:142 Resp: 158816

Ion Ratio Lower Upper

142 100

141 92.7 71.4 107.2

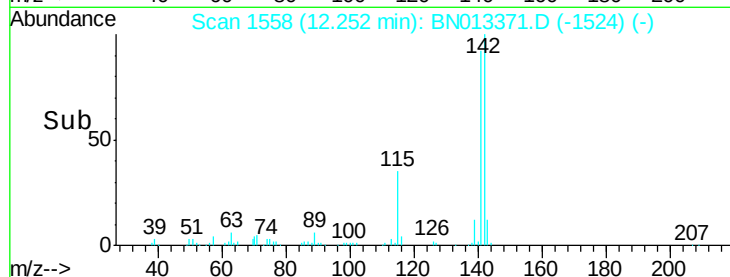
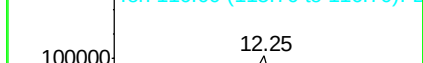
116 3.8 2.9 4.3



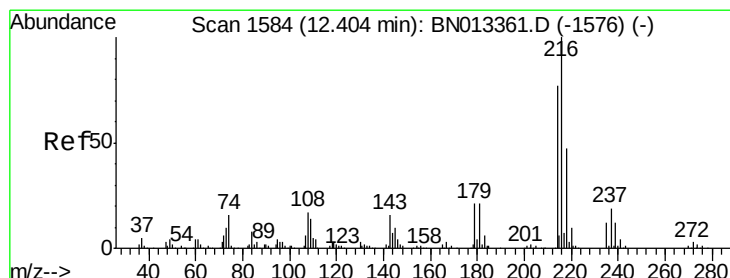
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.022 ng/ul

RT: 12.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Tgt Ion:216 Resp: 80651

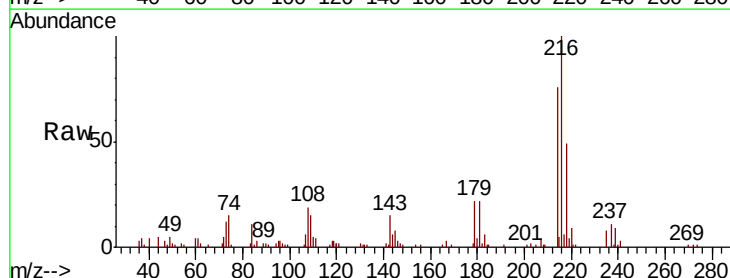
Ion Ratio Lower Upper

216 100

214 76.5 61.6 92.4

179 22.2 16.7 25.1

108 18.6 13.8 20.6

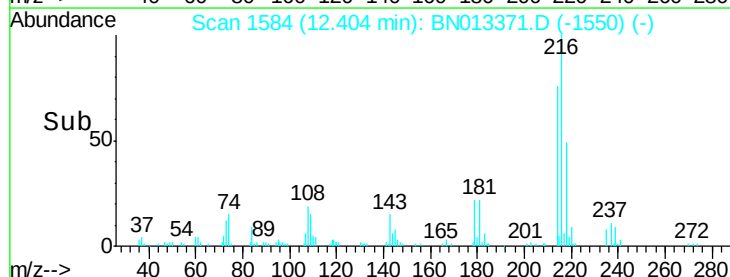
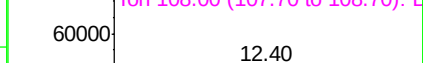


Abundance Ion 216.00 (215.70 to 216.70): E

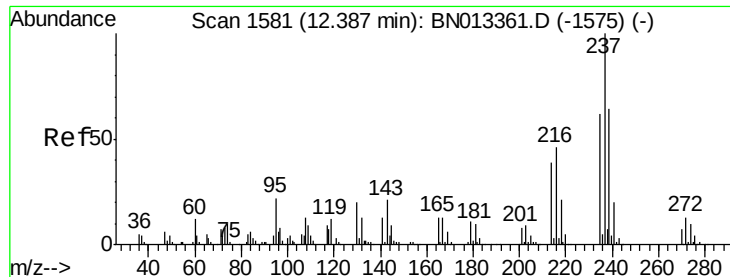
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 2.772 ng/ul

RT: 12.39 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

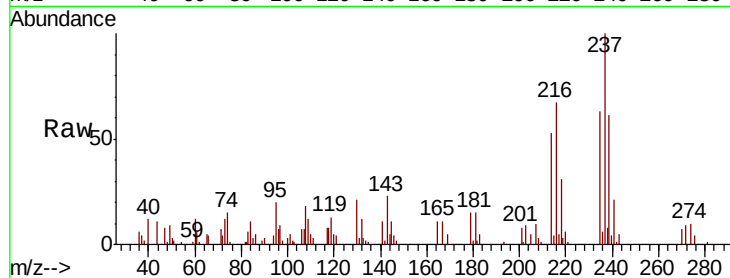
Tot Ion:237 Resp: 38538

Ion Ratio Lower Upper

237 100

235 63.5 49.9 74.9

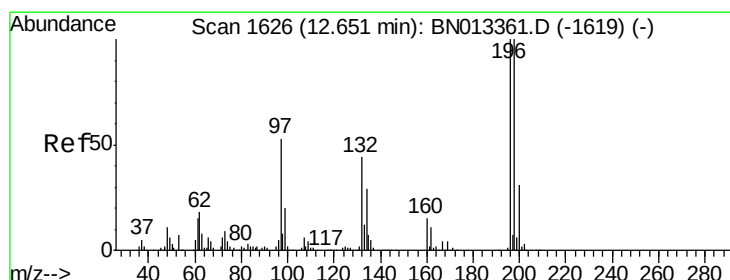
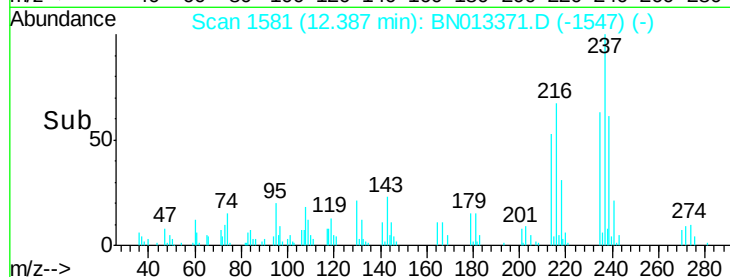
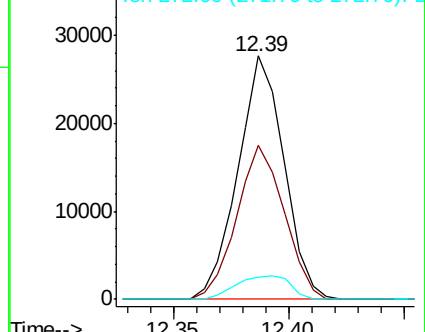
272 9.2 10.1 15.1#



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: 2.016 ng/ul

RT: 12.65 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

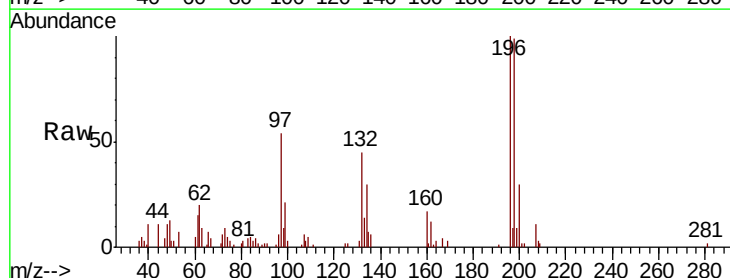
Tgt Ion:196 Resp: 35481

Ion Ratio Lower Upper

196 100

198 99.4 79.6 119.4

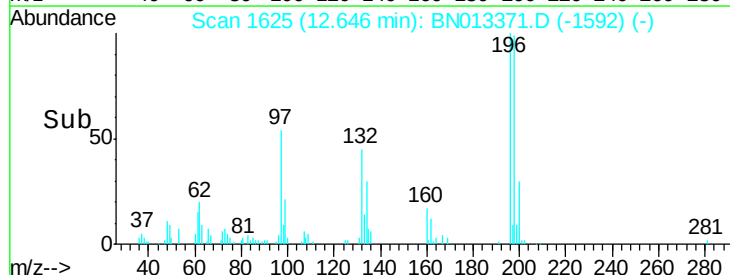
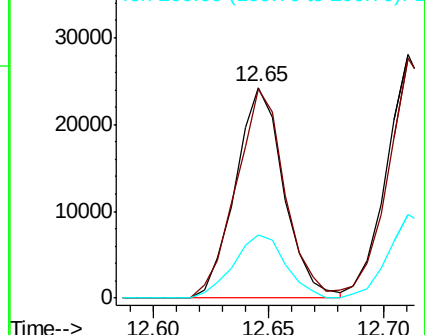
200 30.0 25.1 37.7

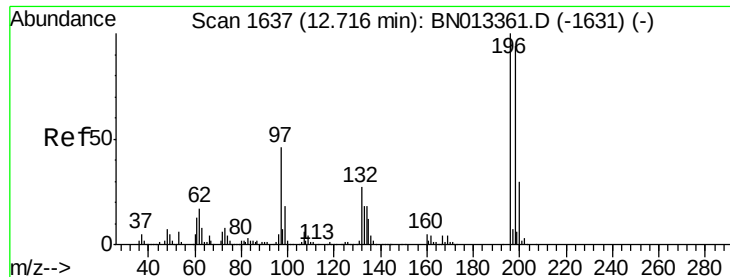


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#42

2,4,5-Trichlorophenol

Concen: 2.205 ng/ul

RT: 12.71 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

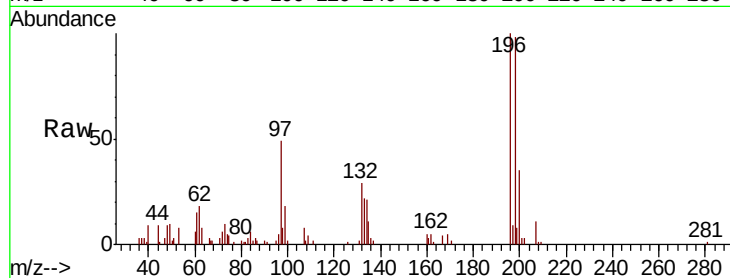
Tot Ion:196 Resp: 41300

Ion Ratio Lower Upper

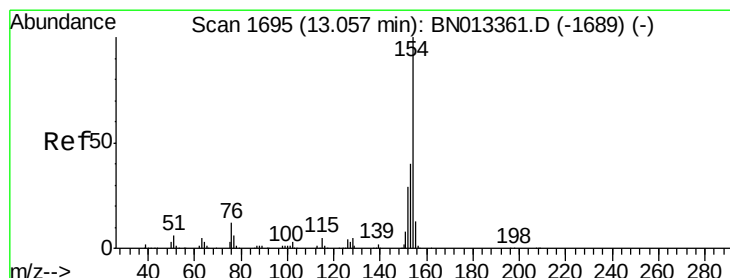
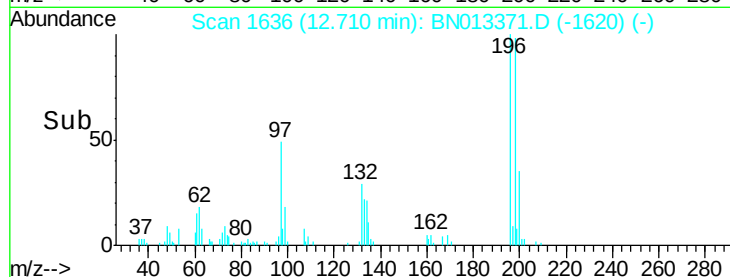
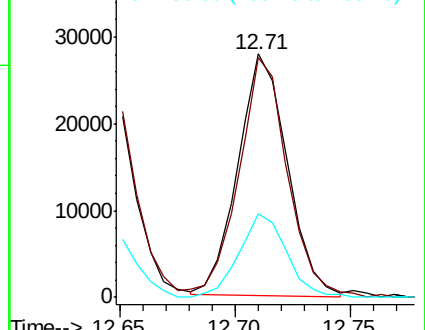
196 100

198 98.5 75.3 112.9

200 34.6 24.1 36.1



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: 3.031 ng/ul

RT: 13.06 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

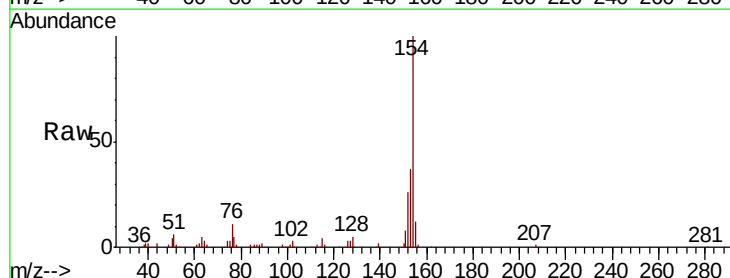
Tgt Ion:154 Resp: 216510

Ion Ratio Lower Upper

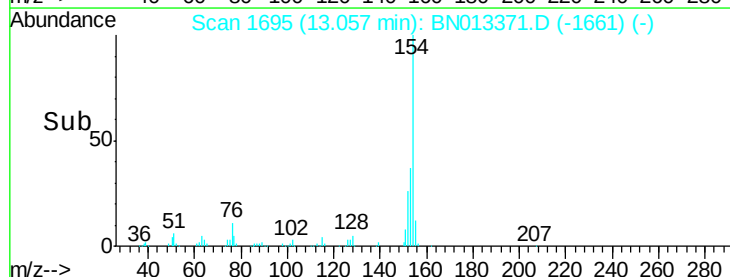
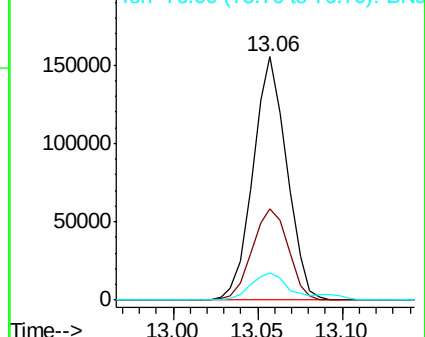
154 100

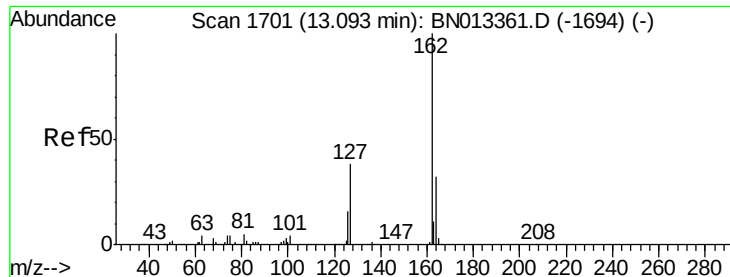
153 37.5 32.1 48.1

76 11.4 10.0 15.0



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): BNC

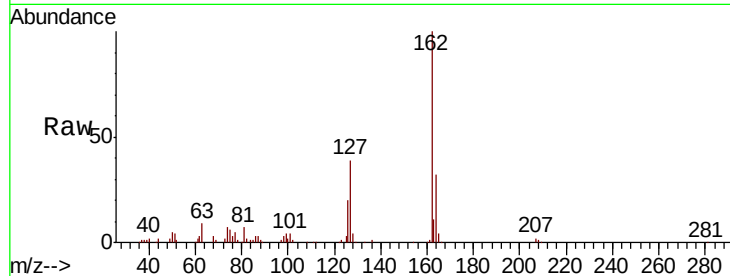




#44  
2-Chloronaphthalene  
Concen: 2.989 ng/ul  
RT: 13.09 min Scan# 1701  
Delta R.T. 0.00 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-ME-SOIL-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 31.7  | 25.8  | 38.6  |
| 127     | 39.4  | 32.6  | 49.0  |

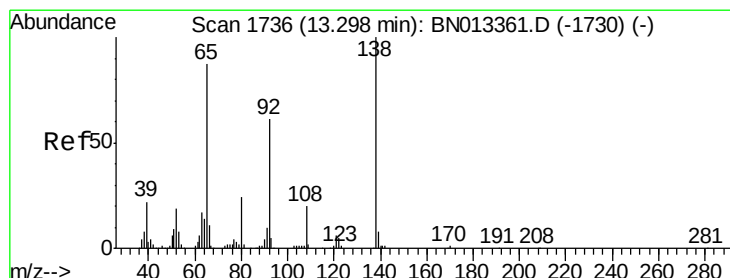
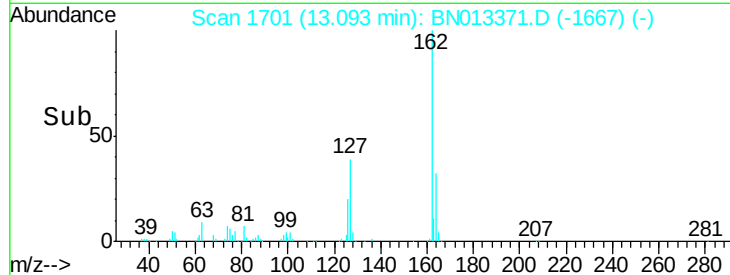
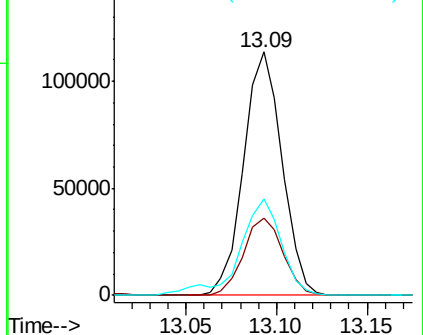


Abundance

Ion 162.00 (161.70 to 162.70): E

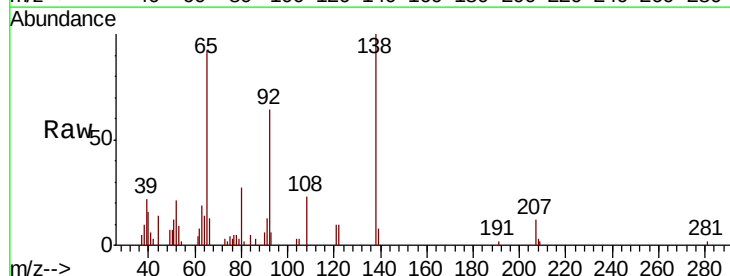
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#45  
2-Nitroaniline  
Concen: 1.844 ng/ul  
RT: 13.30 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.8  | 56.2  | 84.4  |
| 138     | 109.0 | 91.5  | 137.3 |

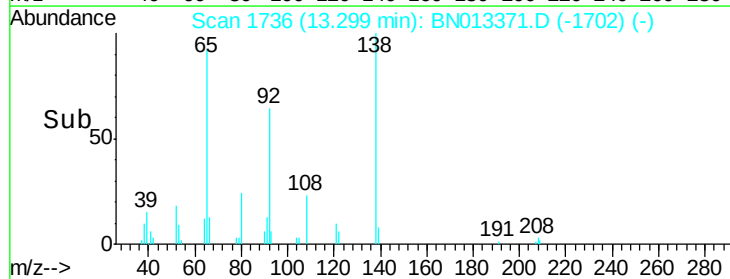
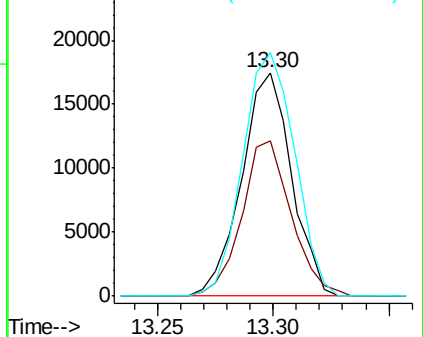


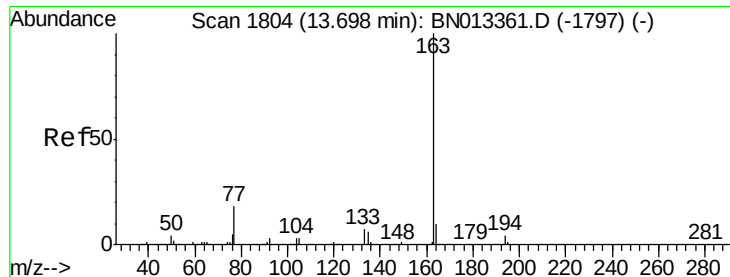
Abundance

Ion 65.00 (64.70 to 65.70): BNO

Ion 92.00 (91.70 to 92.70): BNO

Ion 138.00 (137.70 to 138.70): E

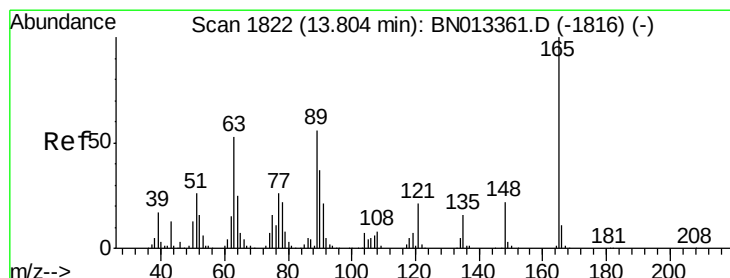
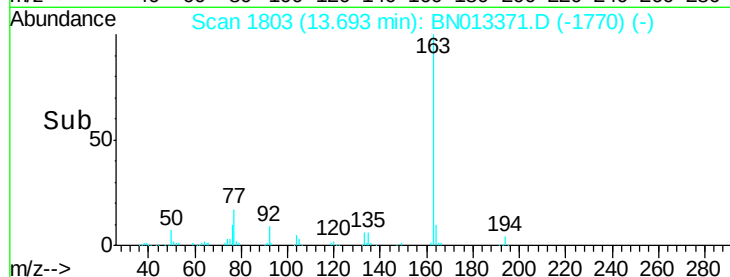
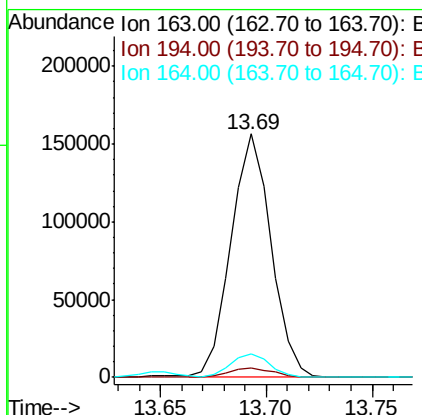
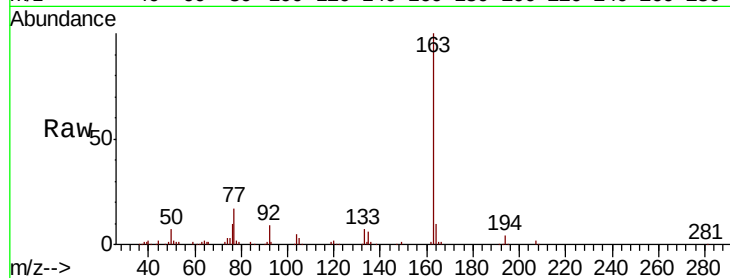




#47  
Dimethylphthalate  
Concen: 2.925 ng/ul  
RT: 13.69 min Scan# 1803  
Delta R.T. -0.01 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

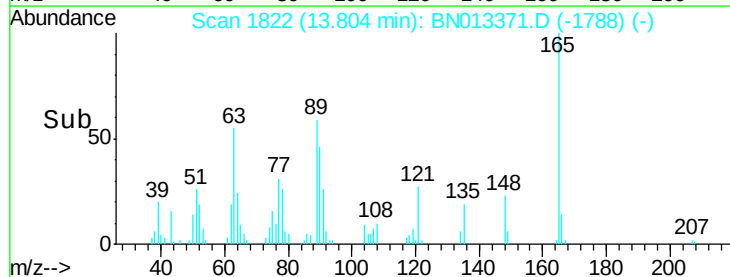
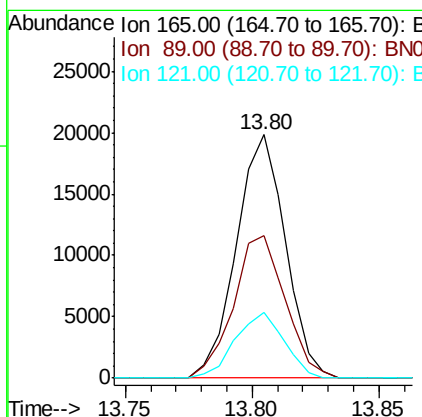
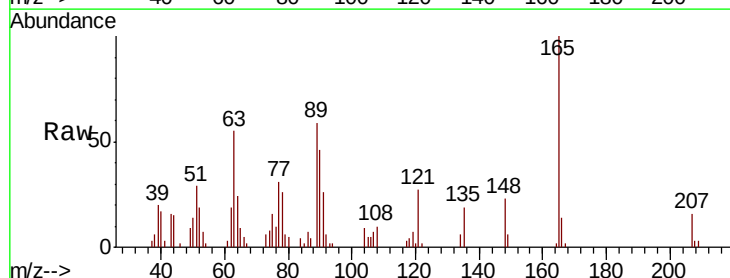
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-ME-SOIL-02

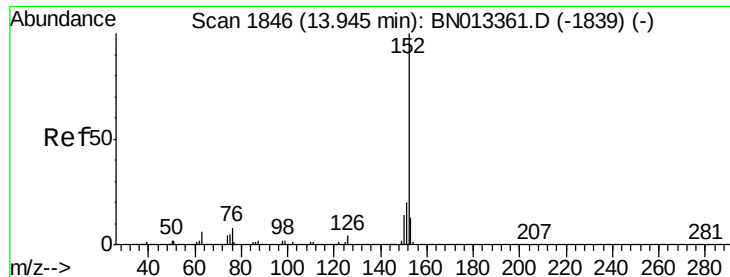
Tot Ion:163 Resp: 205848  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.0  
164 9.8 8.2 12.4



#48  
2,6-Dinitrotoluene  
Concen: 1.995 ng/ul  
RT: 13.80 min Scan# 1822  
Delta R.T. 0.00 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

Tgt Ion:165 Resp: 26620  
Ion Ratio Lower Upper  
165 100  
89 58.6 45.0 67.4  
121 26.8 17.0 25.6#





#50

Acenaphthylene

Concen: 2.966 ng/ul

RT: 13.95 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

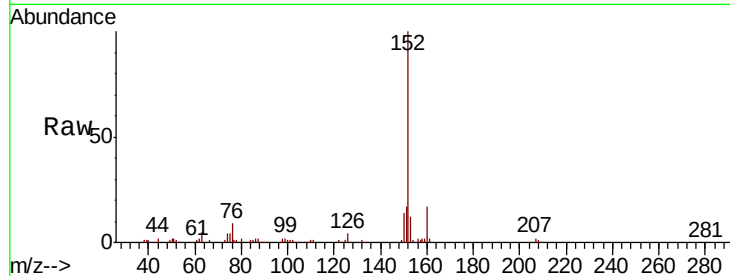
Tot Ion:152 Resp: 253699

Ion Ratio Lower Upper

152 100

151 17.5 15.8 23.6

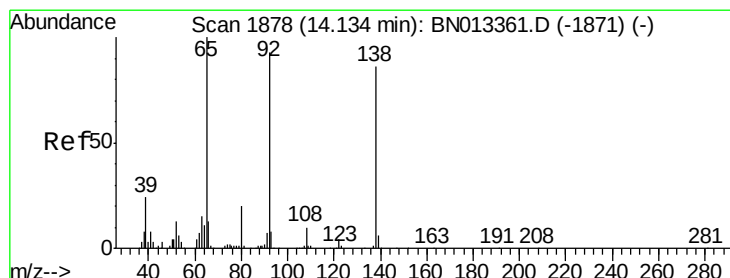
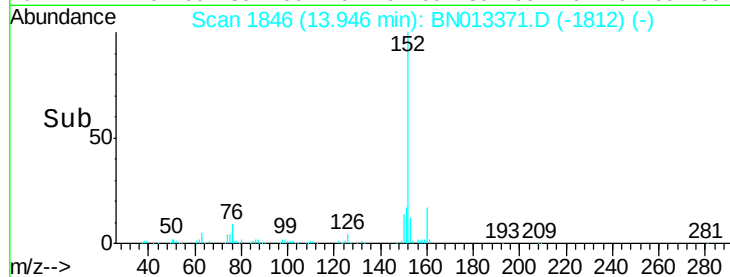
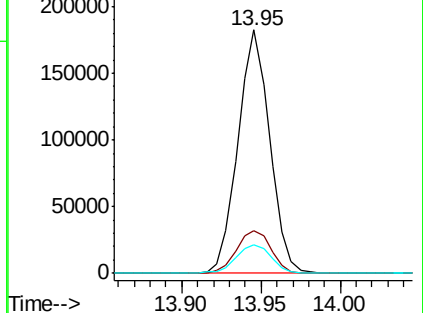
153 11.6 10.6 15.8



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: 2.281 ng/ul

RT: 14.13 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

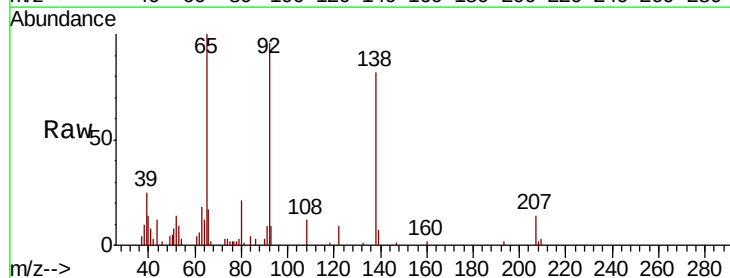
Tgt Ion:138 Resp: 28085

Ion Ratio Lower Upper

138 100

108 14.1 9.0 13.4#

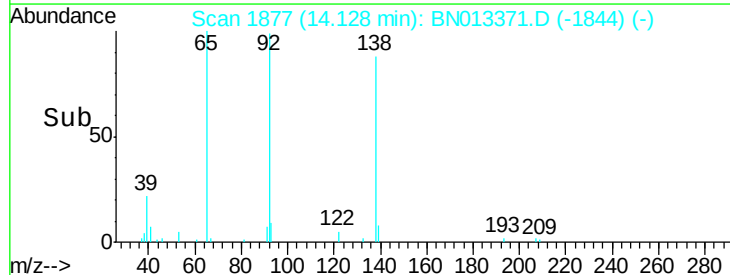
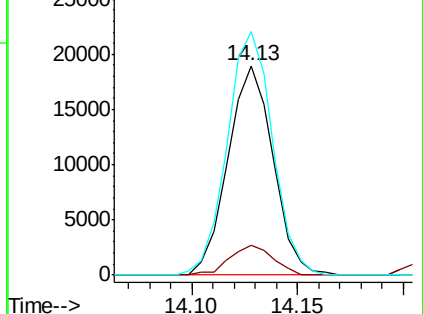
92 116.5 86.7 130.1

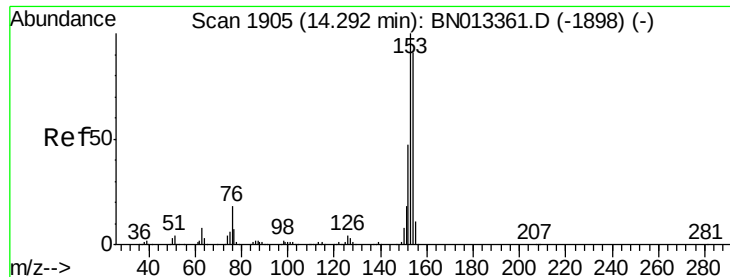


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO





#52

Acenaphthene

Concen: 2.967 ng/ul

RT: 14.29 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

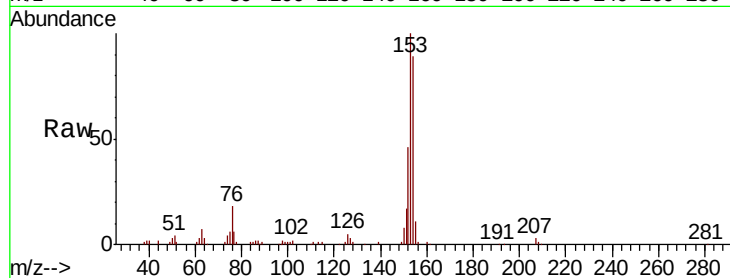
Tot Ion:153 Resp: 179043

Ion Ratio Lower Upper

153 100

152 46.3 37.4 56.2

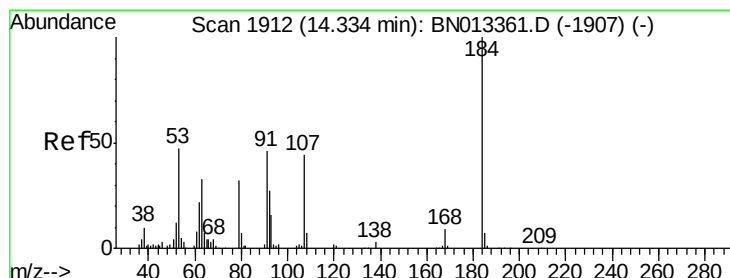
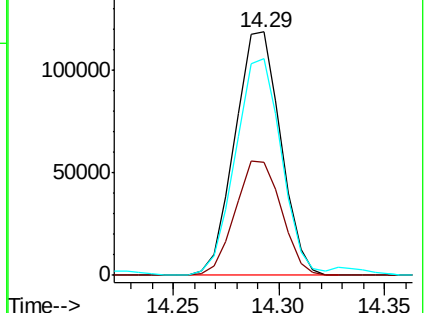
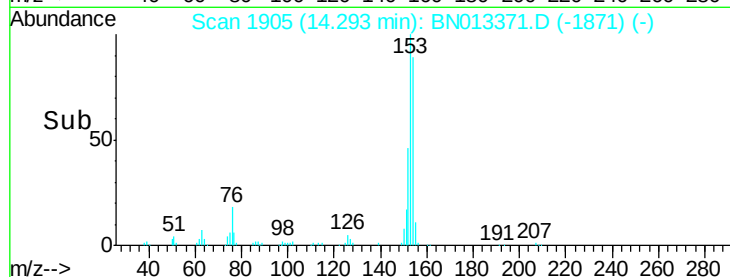
154 89.2 72.7 109.1



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: 1.472 ng/ul

RT: 14.33 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

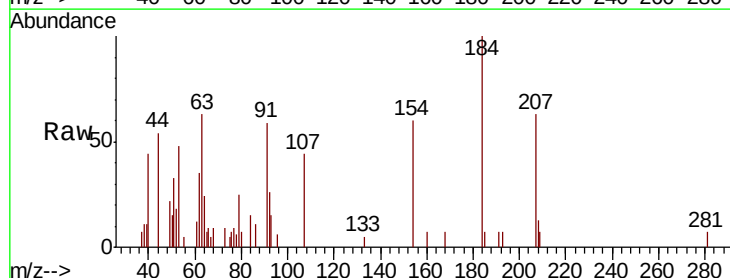
Tgt Ion:184 Resp: 8806

Ion Ratio Lower Upper

184 100

63 63.0 53.5 80.3

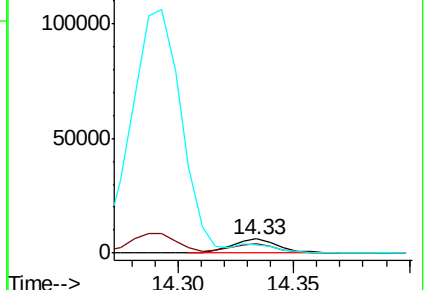
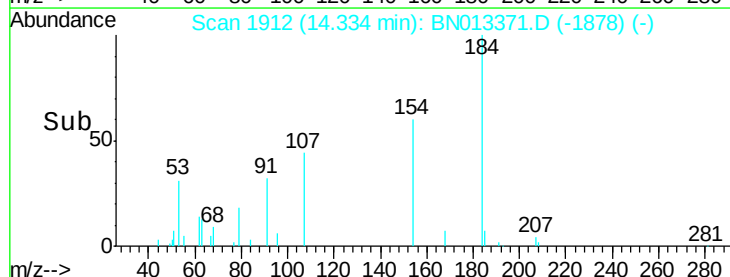
154 59.6 49.8 74.8

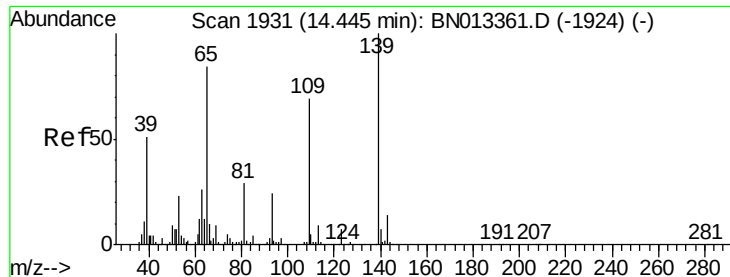


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E

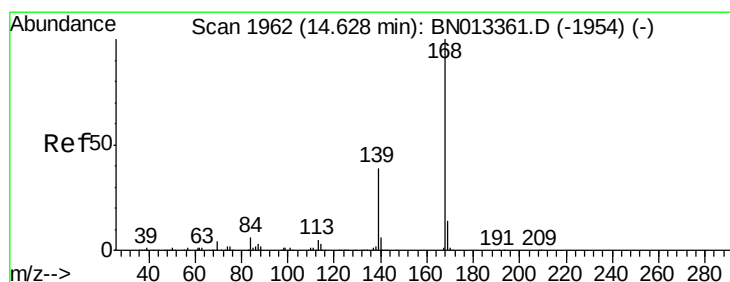
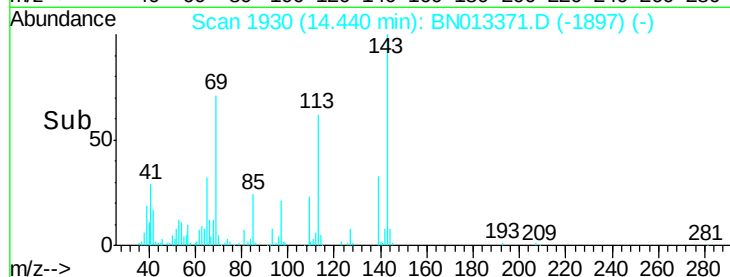
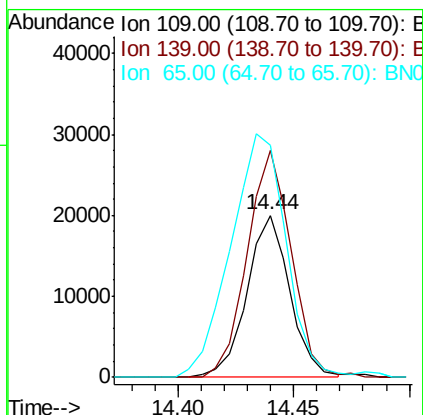
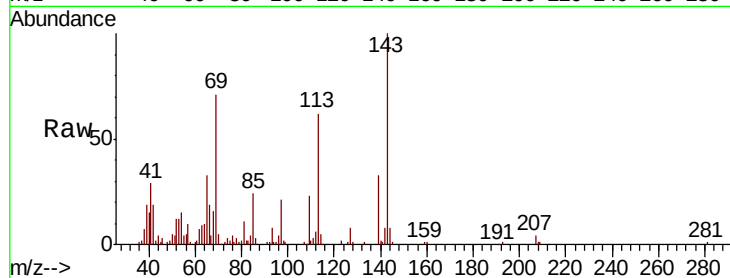




#55  
4-Nitrophenol  
Concen: 2.747 ng/ul  
RT: 14.44 min Scan# 1930  
Delta R.T. -0.01 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

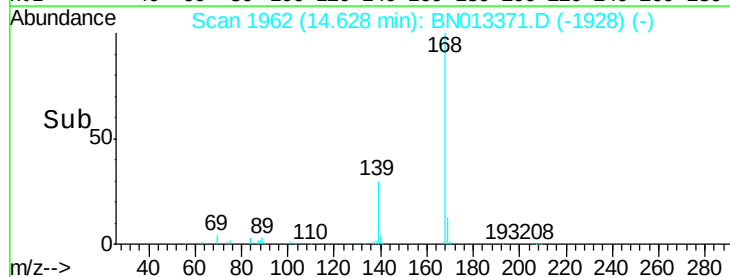
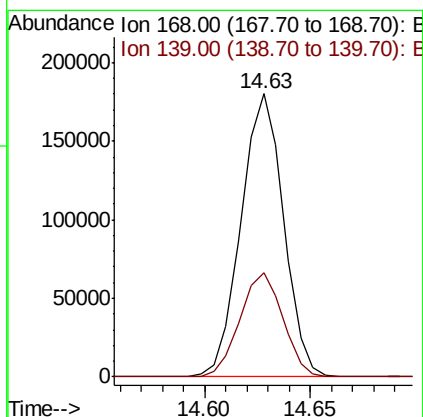
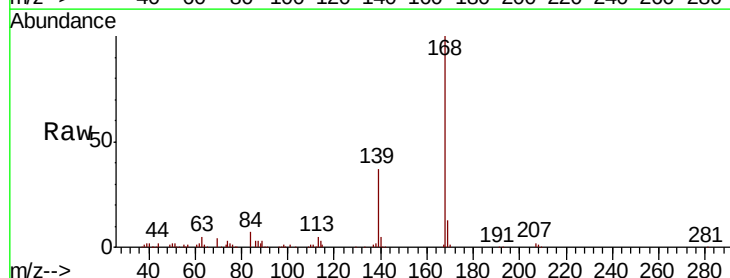
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-ME-SOIL-02

Tot Ion:109 Resp: 25911  
Ion Ratio Lower Upper  
109 100  
139 139.8 115.7 173.5  
65 142.7 97.9 146.9

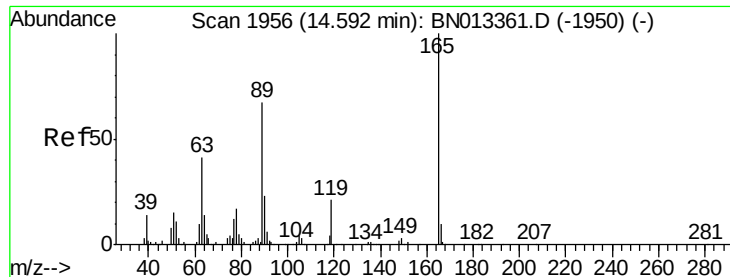


#56  
Dibenzofuran  
Concen: 3.047 ng/ul  
RT: 14.63 min Scan# 1962  
Delta R.T. 0.00 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

Tgt Ion:168 Resp: 251677  
Ion Ratio Lower Upper  
168 100  
139 37.0 31.5 47.3



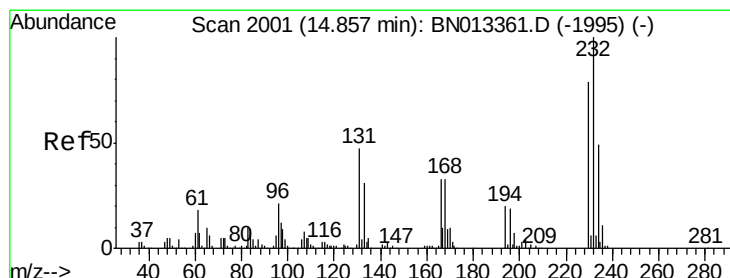
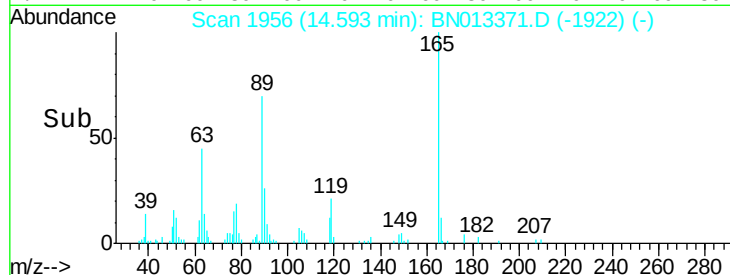
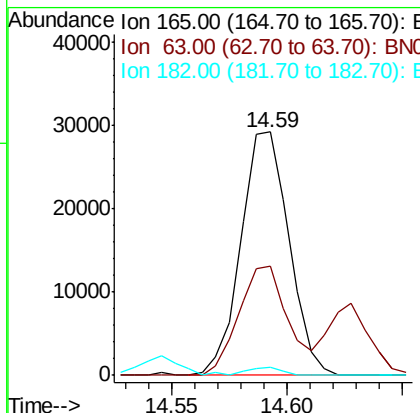
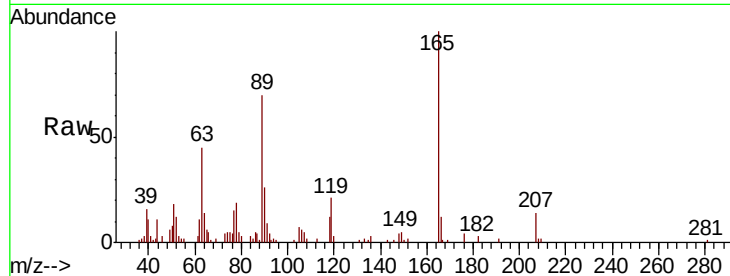




#57  
 2,4-Dinitrotoluene  
 Concen: 2.237 ng/ul  
 RT: 14.59 min Scan# 1956  
 Delta R.T. 0.00 min  
 Lab File: BN013371.D  
 Acq: 08 Jan 2021 17:02

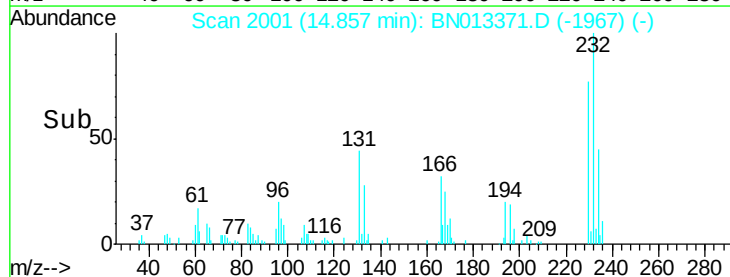
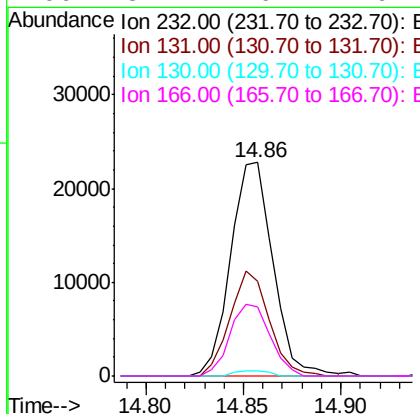
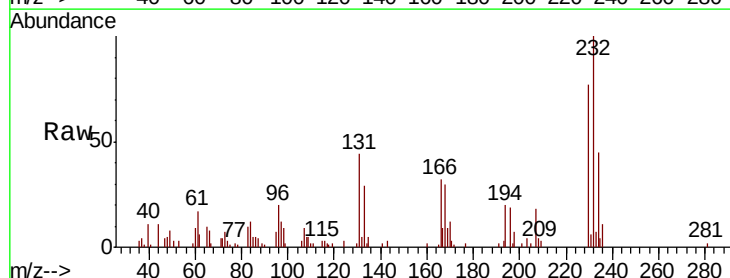
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-ME-SOIL-02

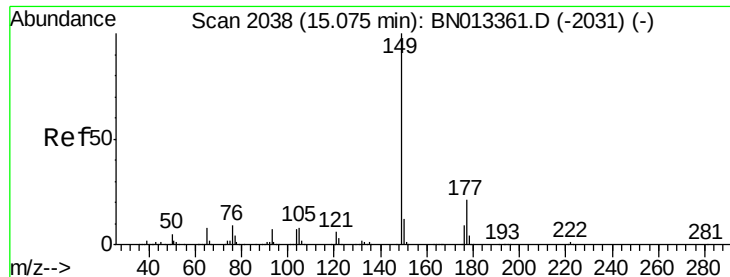
Tot Ion:165 Resp: 42530  
 Ion Ratio Lower Upper  
 165 100  
 63 45.1 32.6 48.8  
 182 3.1 2.4 3.6



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 2.167 ng/ul  
 RT: 14.86 min Scan# 2001  
 Delta R.T. 0.00 min  
 Lab File: BN013371.D  
 Acq: 08 Jan 2021 17:02

Tgt Ion:232 Resp: 34269  
 Ion Ratio Lower Upper  
 232 100  
 131 44.5 37.5 56.3  
 130 2.3 1.9 2.9  
 166 32.1 26.7 40.1

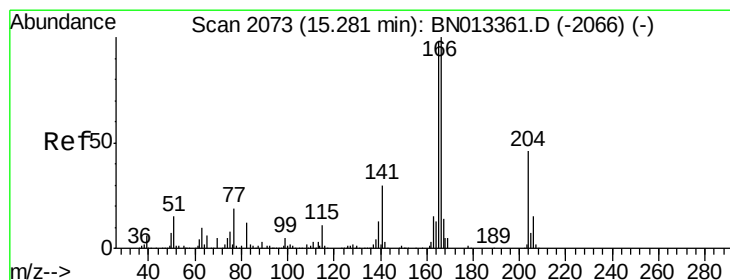
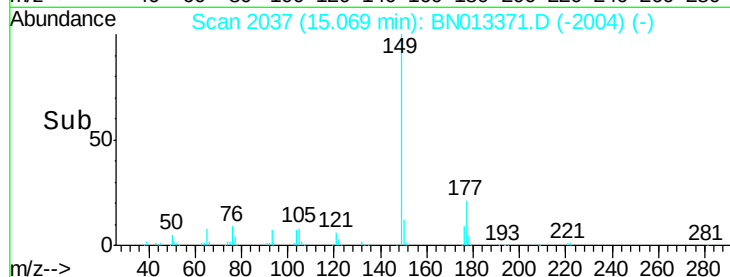
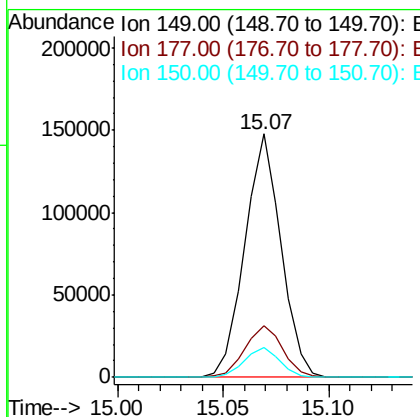
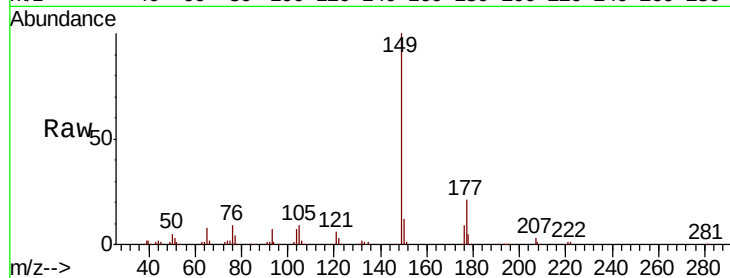




#59  
Diethylphthalate  
Concen: 2.452 ng/ul  
RT: 15.07 min Scan# 2037  
Delta R.T. -0.01 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

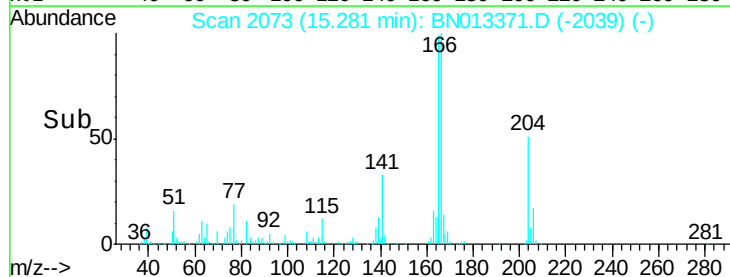
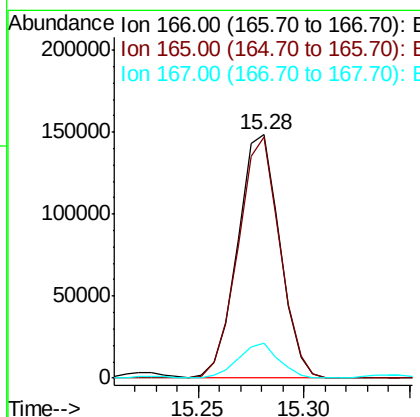
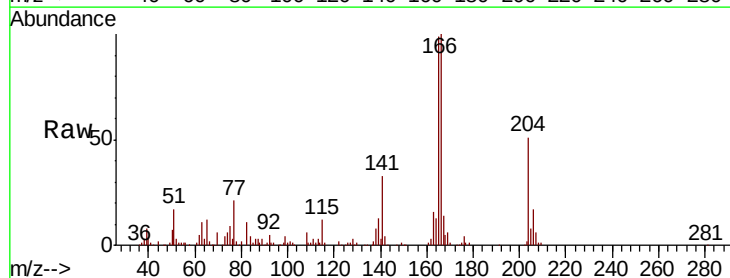
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-ME-SOIL-02

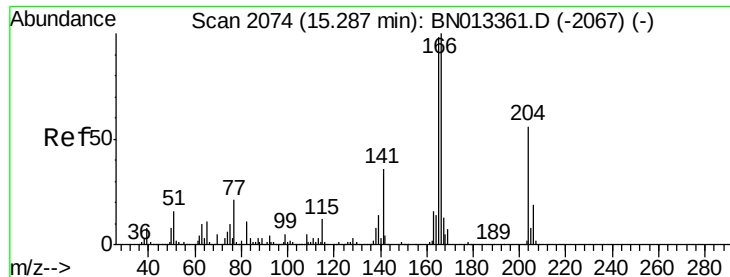
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.1  | 17.1  | 25.7  |
| 150     | 12.4  | 10.0  | 15.0  |



#61  
Fluorene  
Concen: 3.066 ng/ul  
RT: 15.28 min Scan# 2073  
Delta R.T. 0.00 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.8  | 78.3  | 117.5 |
| 167     | 14.2  | 10.8  | 16.2  |

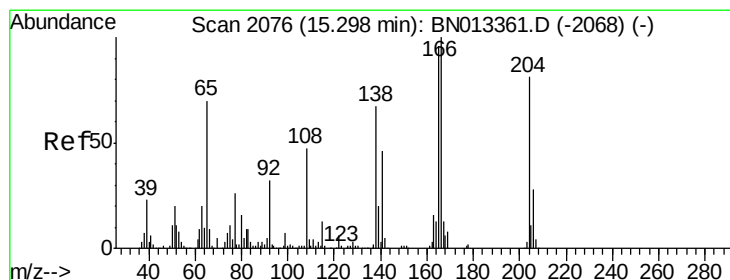
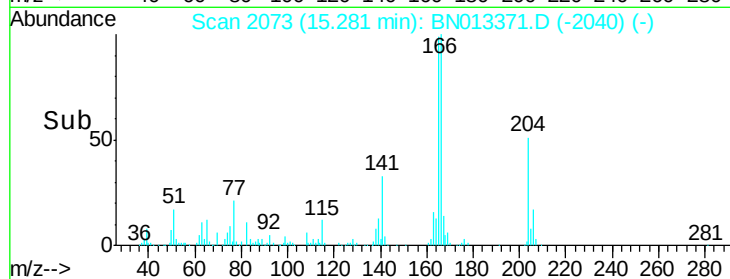
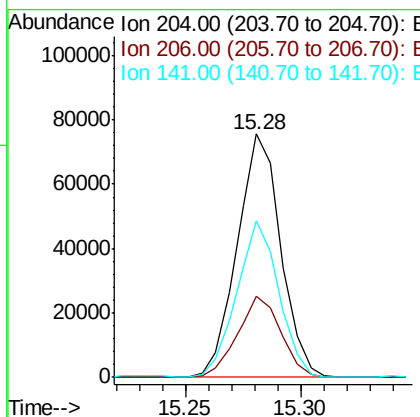
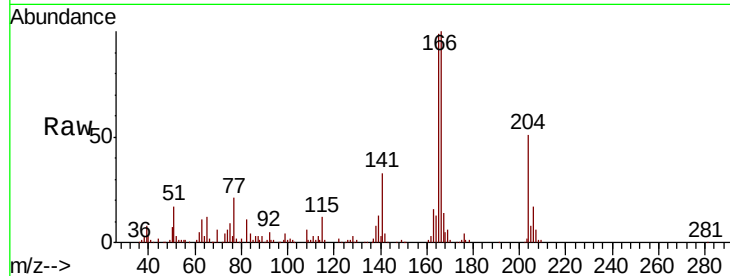




#62  
4-Chlorophenyl-phenylether  
Concen: 3.079 ng/ul  
RT: 15.28 min Scan# 2073  
Delta R.T. -0.01 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

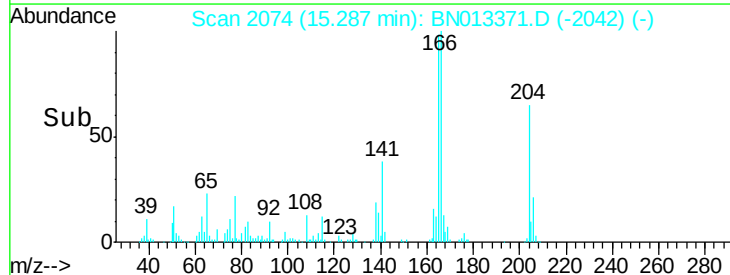
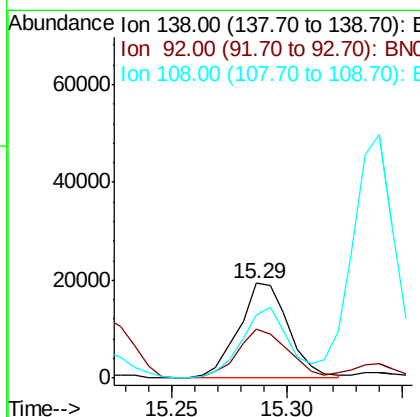
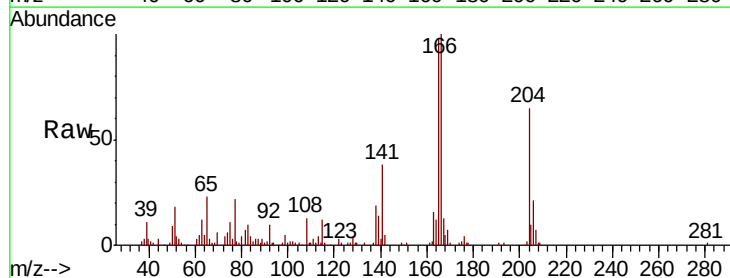
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-ME-SOIL-02

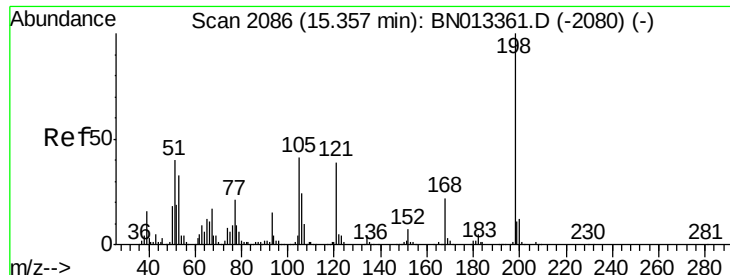
Tot Ion:204 Resp: 99323  
Ion Ratio Lower Upper  
204 100  
206 33.4 27.6 41.4  
141 64.4 50.6 76.0



#63  
4-Nitroaniline  
Concen: 2.525 ng/ul  
RT: 15.29 min Scan# 2074  
Delta R.T. -0.01 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

Tgt Ion:138 Resp: 29194  
Ion Ratio Lower Upper  
138 100  
92 51.4 38.1 57.1  
108 67.3 56.5 84.7





#66

4,6-Dinitro-2-methylphenol

Concen: 2.879 ng/ul

RT: 15.35 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

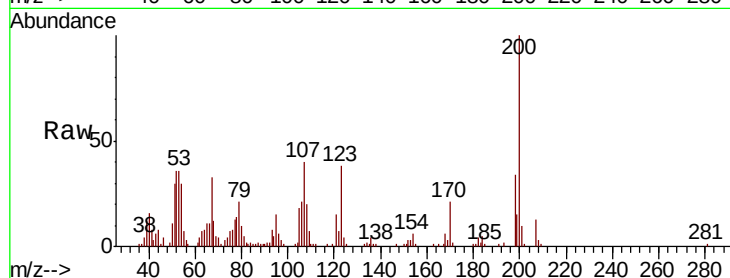
Tot Ion:198 Resp: 28498

Ion Ratio Lower Upper

198 100

182 11.9 3.8 5.6#

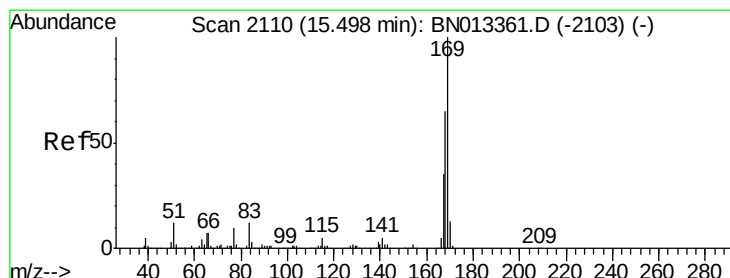
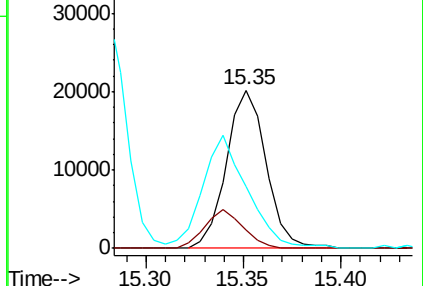
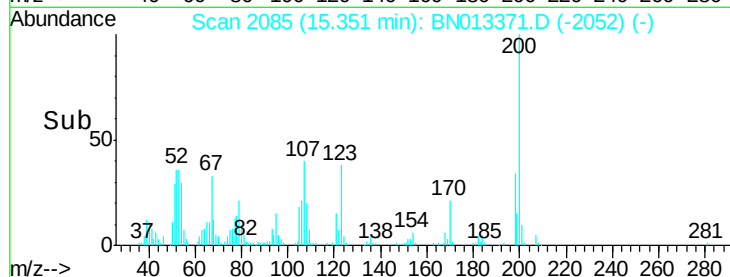
77 39.0 17.6 26.4#



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: 2.833 ng/ul

RT: 15.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

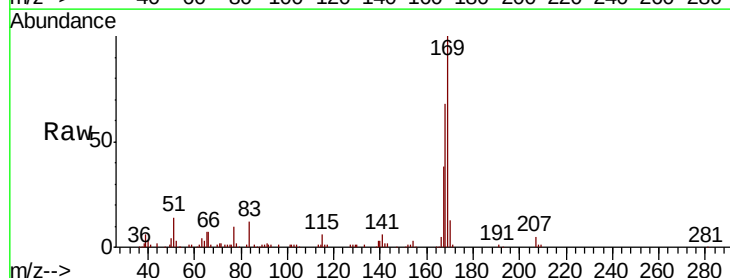
Tgt Ion:169 Resp: 161329

Ion Ratio Lower Upper

169 100

168 67.6 51.7 77.5

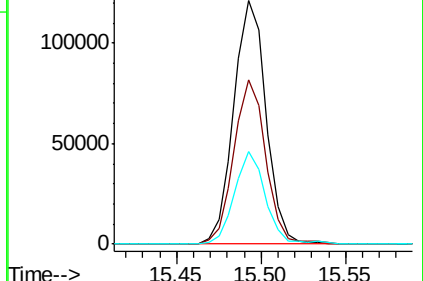
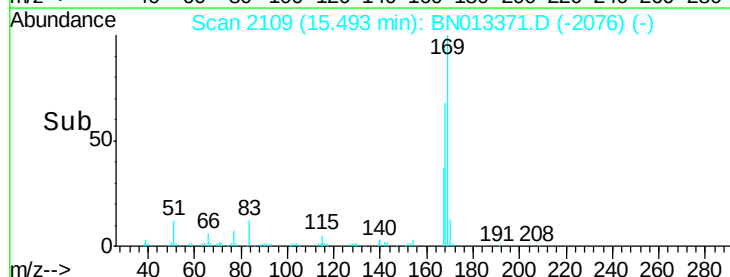
167 37.9 27.8 41.6

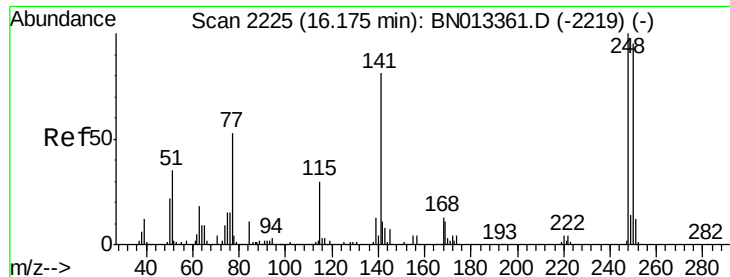


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

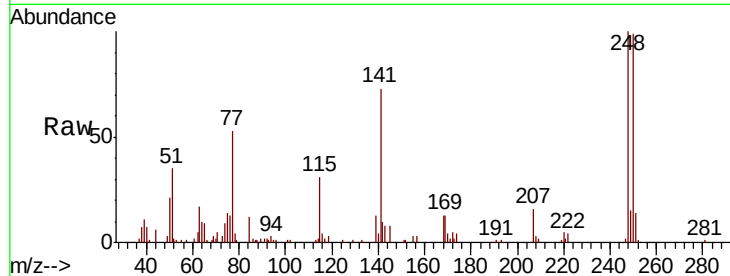




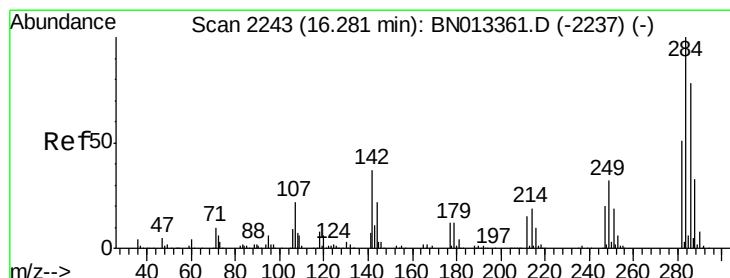
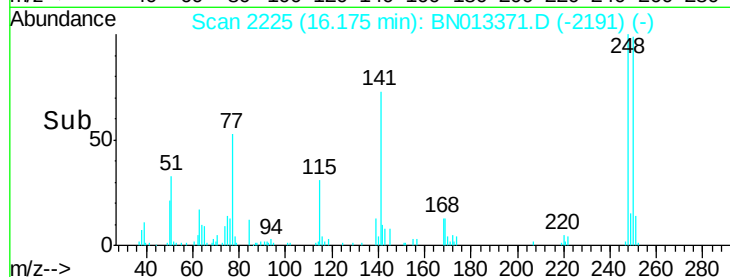
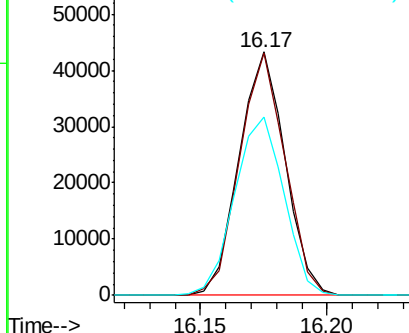
#68  
4-Bromophenyl-phenylether  
Concen: 2.751 ng/ul  
RT: 16.17 min Scan# 2225  
Delta R.T. 0.00 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-ME-SOIL-02

Tot Ion:248 Resp: 54728  
Ion Ratio Lower Upper  
248 100  
250 99.3 75.8 113.6  
141 73.2 64.4 96.6

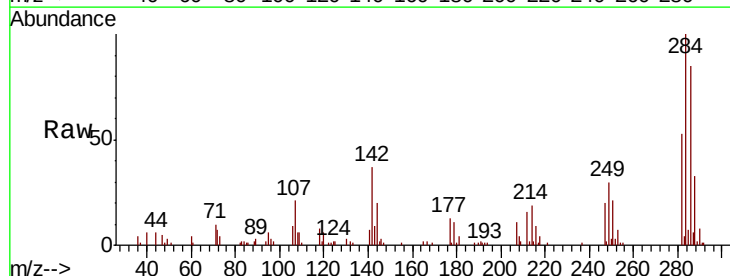


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

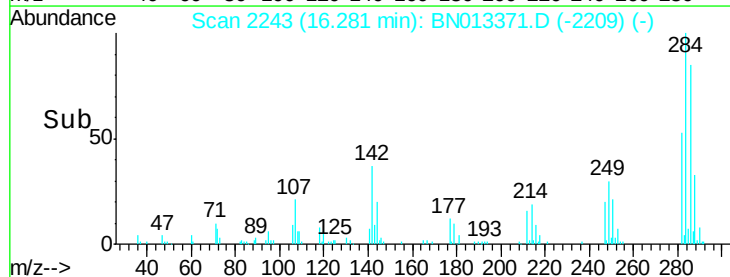
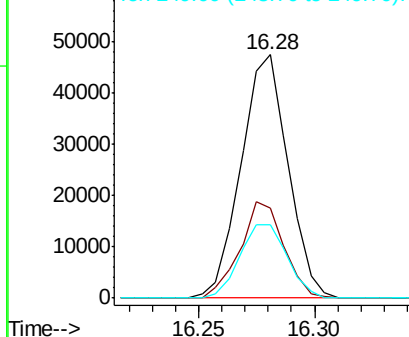


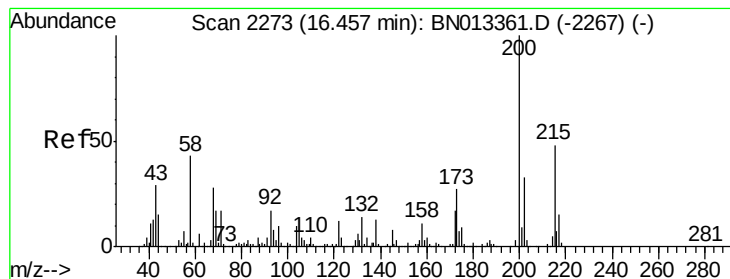
#69  
Hexachlorobenzene  
Concen: 2.990 ng/ul  
RT: 16.28 min Scan# 2243  
Delta R.T. 0.00 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

Tgt Ion:284 Resp: 67443  
Ion Ratio Lower Upper  
284 100  
142 36.9 29.3 43.9  
249 30.2 25.8 38.6



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: 2.138 ng/ul

RT: 16.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

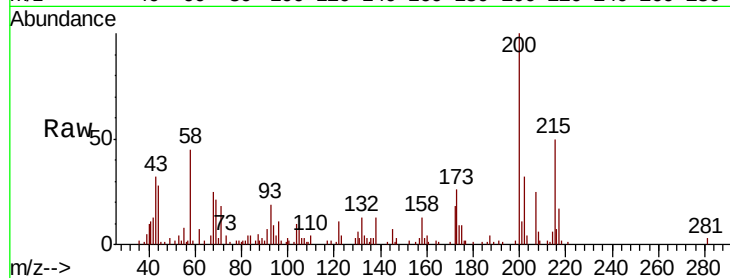
Tot Ion:200 Resp: 41595

Ion Ratio Lower Upper

200 100

173 26.1 21.8 32.6

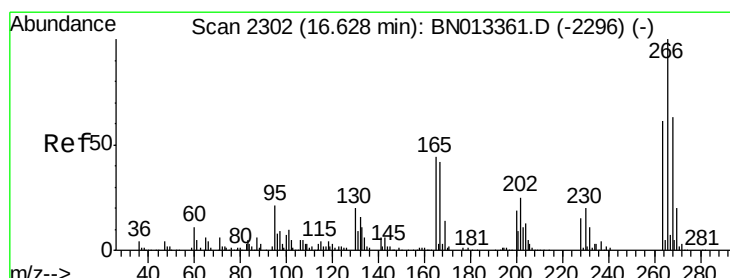
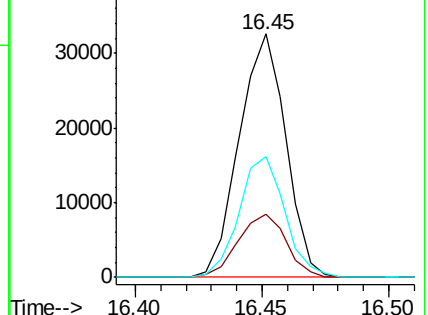
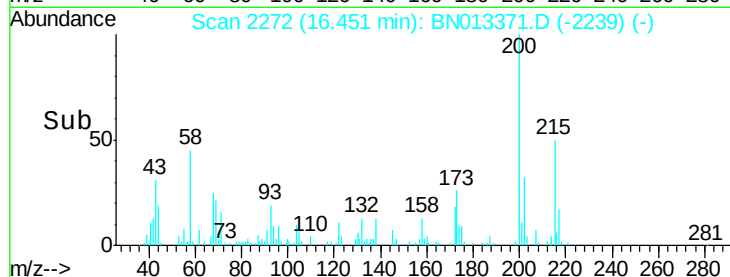
215 49.6 38.8 58.2



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: 1.663 ng/ul

RT: 16.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

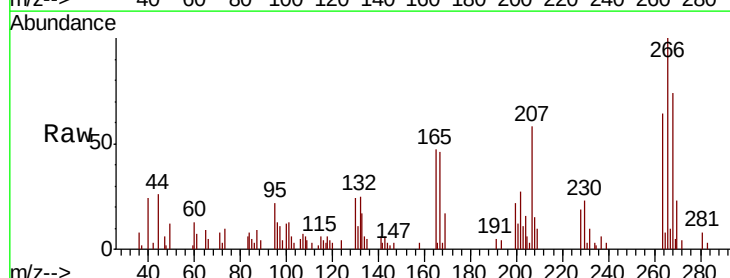
Tgt Ion:266 Resp: 20913

Ion Ratio Lower Upper

266 100

264 64.1 48.6 72.8

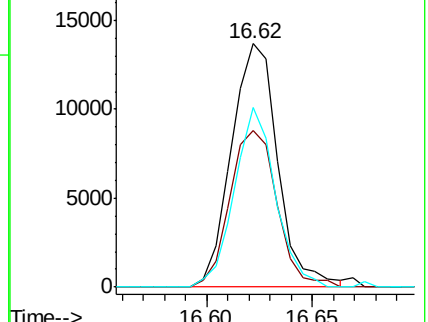
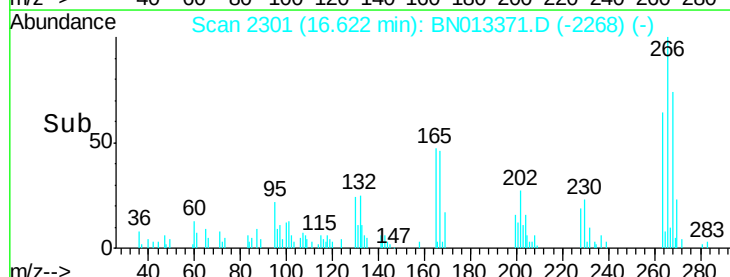
268 73.7 50.2 75.2

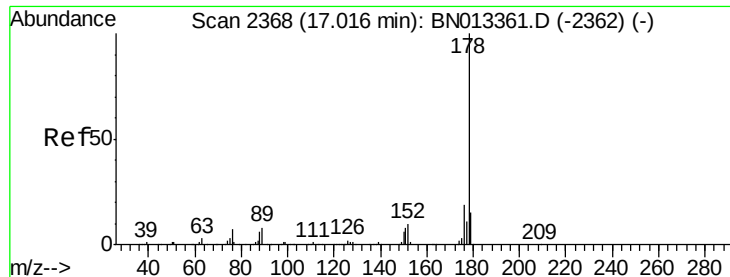


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 3.097 ng/ul

RT: 17.02 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

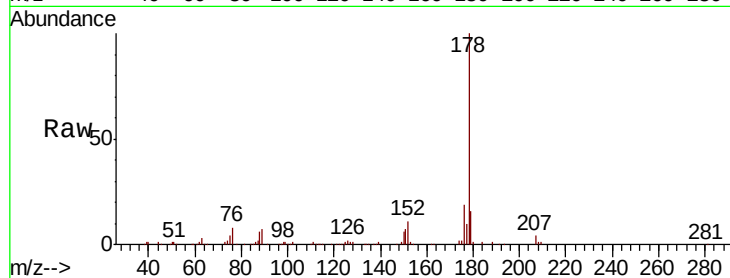
Tot Ion:178 Resp: 324800

Ion Ratio Lower Upper

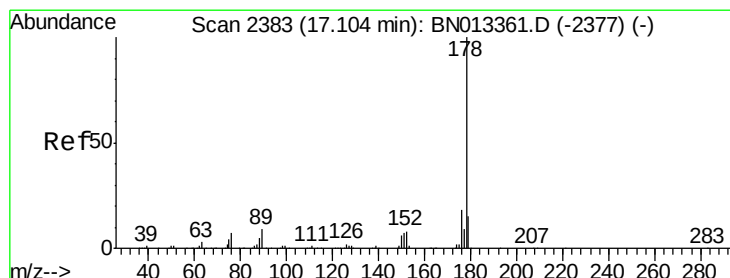
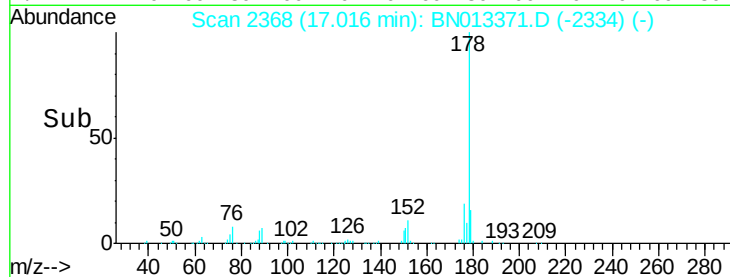
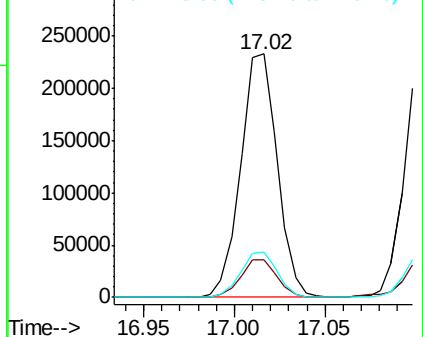
178 100

179 15.6 12.2 18.4

176 18.6 15.3 22.9



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: 3.077 ng/ul

RT: 17.10 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

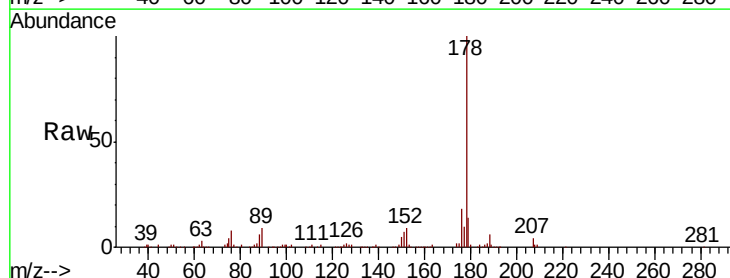
Tgt Ion:178 Resp: 329348

Ion Ratio Lower Upper

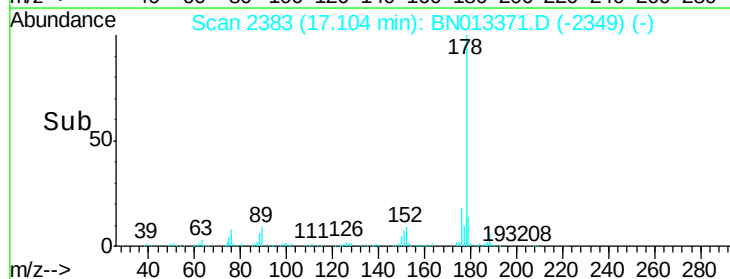
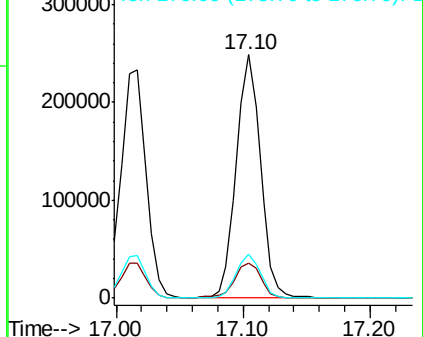
178 100

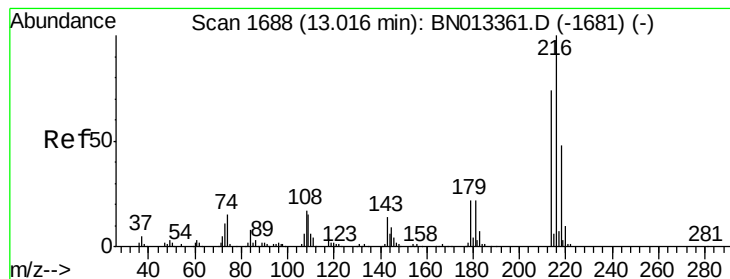
179 14.4 12.1 18.1

176 18.1 14.6 21.8



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: 3.085 ng/uL

RT: 13.02 min Scan# 1688

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

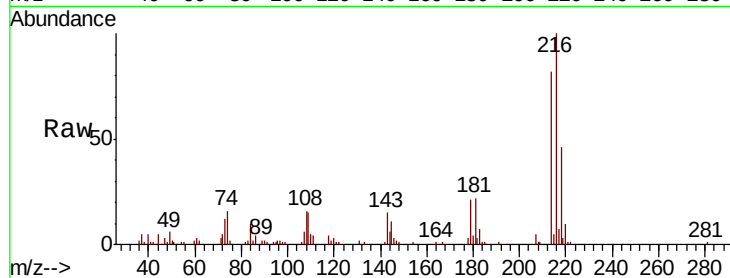
Tot Ion:216 Resp: 80835

Ion Ratio Lower Upper

216 100

214 82.4 59.4 89.0

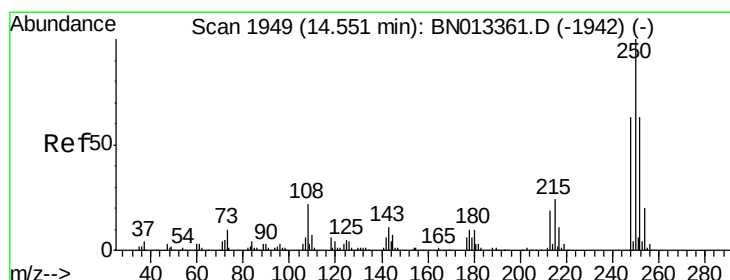
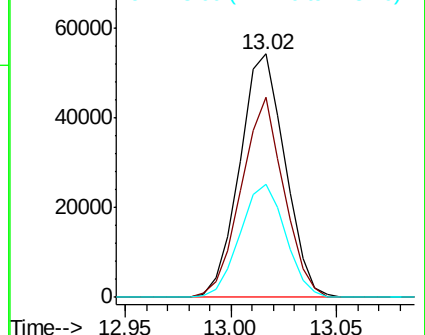
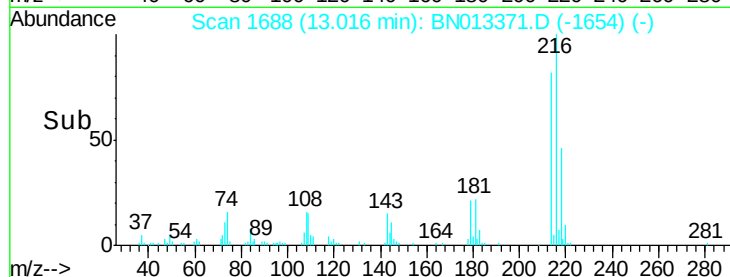
218 46.4 38.1 57.1



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: 3.055 ng/uL

RT: 14.55 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

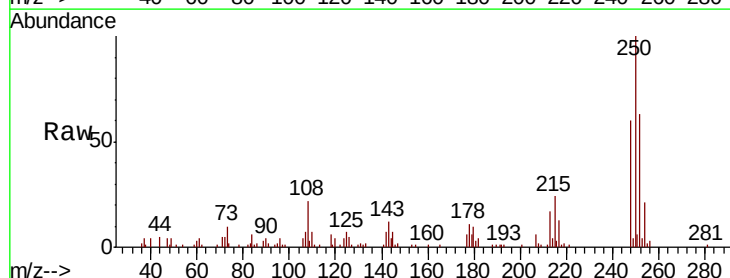
Tgt Ion:250 Resp: 79862

Ion Ratio Lower Upper

250 100

248 60.3 50.6 75.8

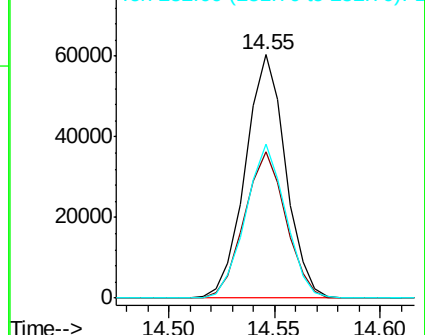
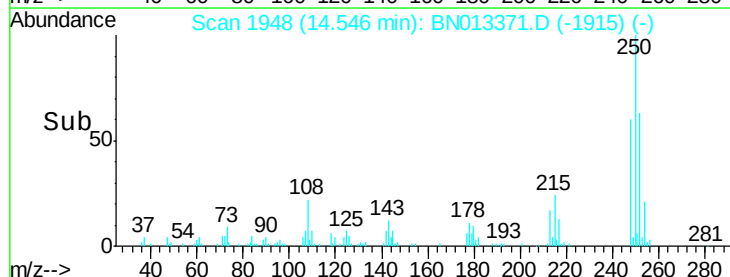
252 63.1 50.8 76.2



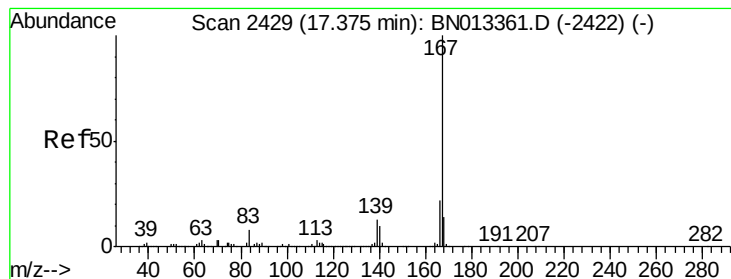
Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E







#77

Carbazole

Concen: 2.831 ng/ul

RT: 17.37 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

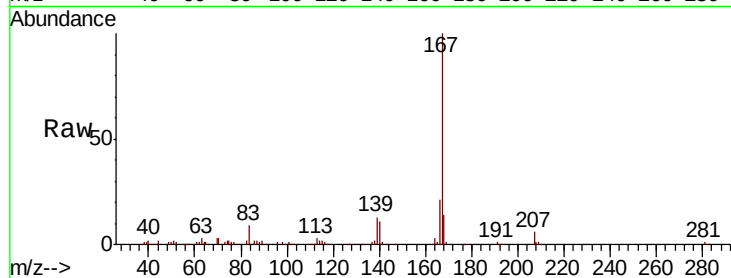
Tot Ion:167 Resp: 245981

Ion Ratio Lower Upper

167 100

166 21.2 17.6 26.4

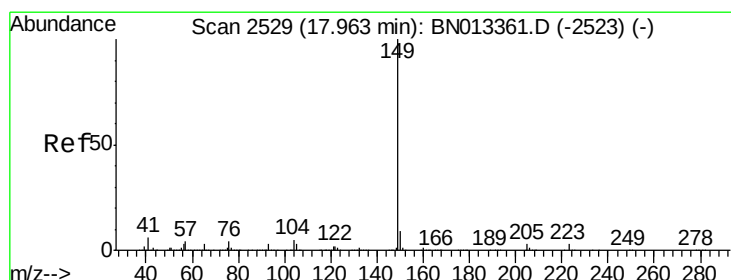
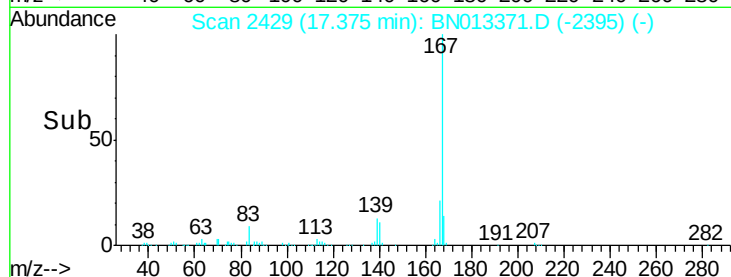
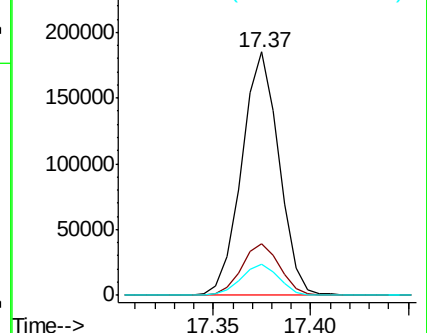
139 12.8 10.3 15.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#78

Di-n-butylphthalate

Concen: 1.930 ng/ul

RT: 17.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

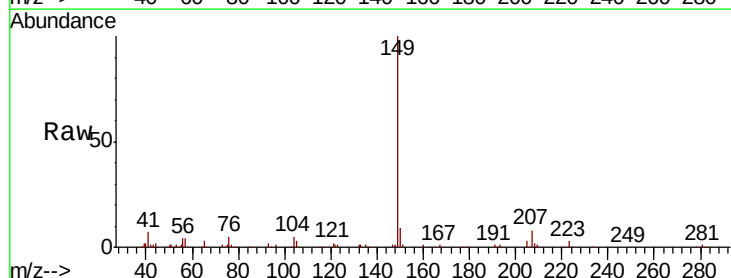
Tgt Ion:149 Resp: 228498

Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

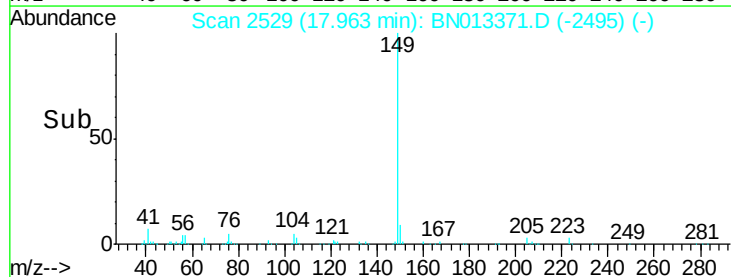
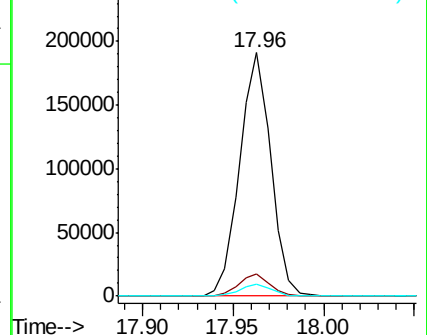
104 4.8 3.8 5.6

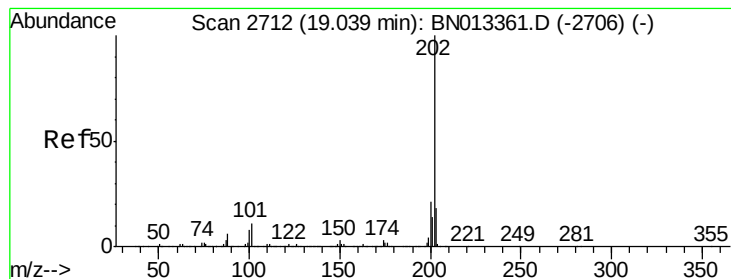


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#80

Fluoranthene

Concen: 2.720 ng/ul

RT: 19.03 min Scan# 2711

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

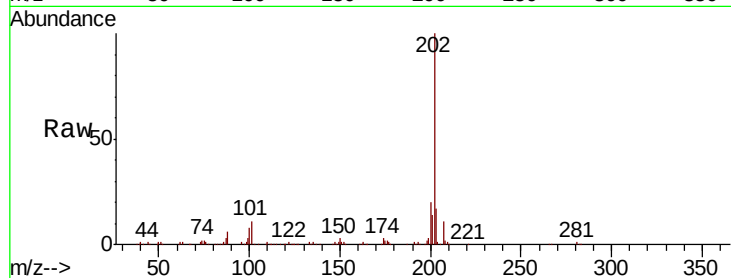
Tot Ion:202 Resp: 338694

Ion Ratio Lower Upper

202 100

101 11.5 9.0 13.6

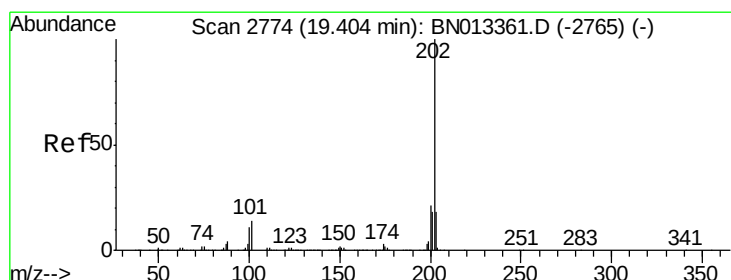
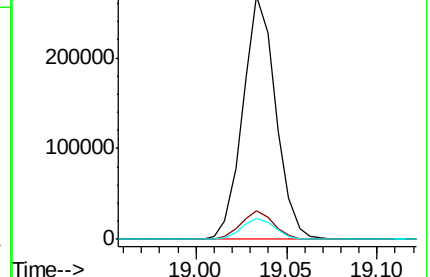
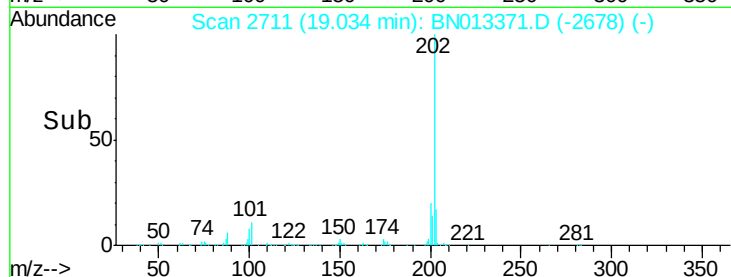
100 8.4 6.8 10.2



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: 3.061 ng/ul

RT: 19.40 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

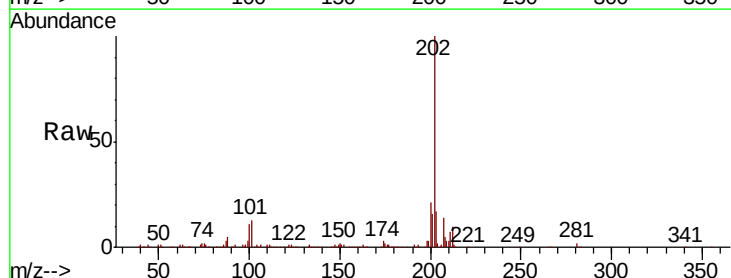
Tgt Ion:202 Resp: 390761

Ion Ratio Lower Upper

202 100

101 13.1 10.9 16.3

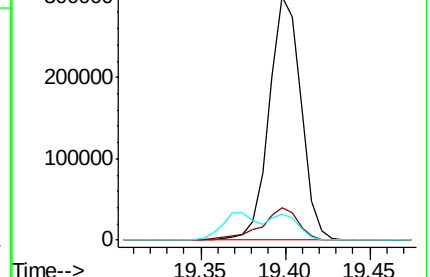
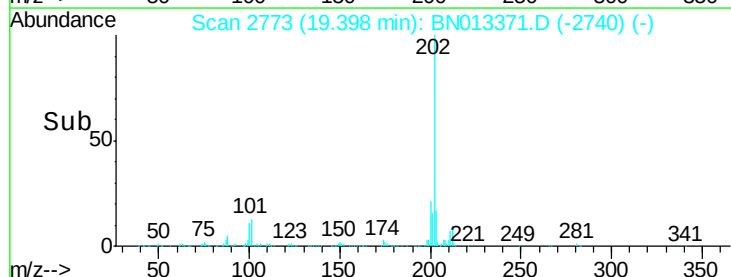
100 10.5 9.2 13.8

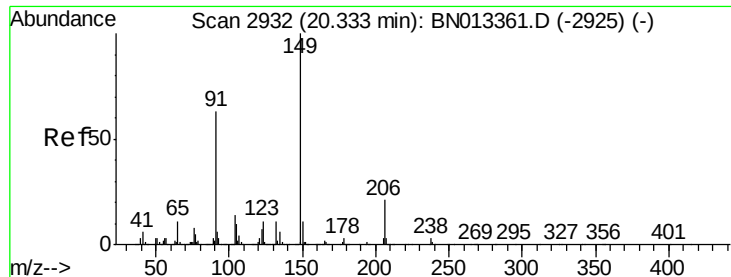


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

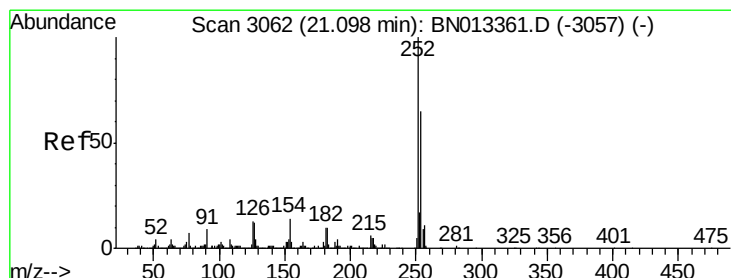
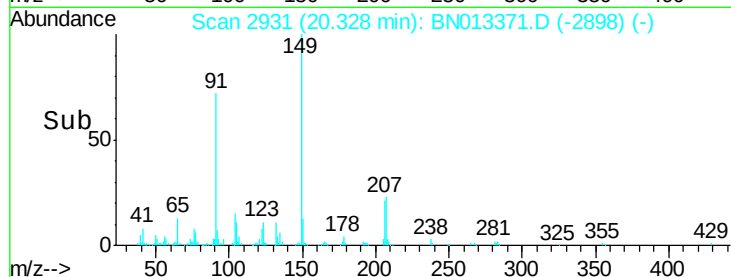
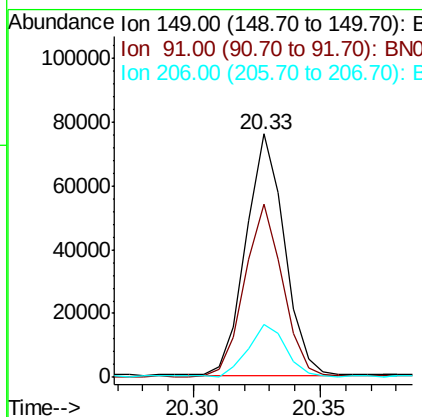
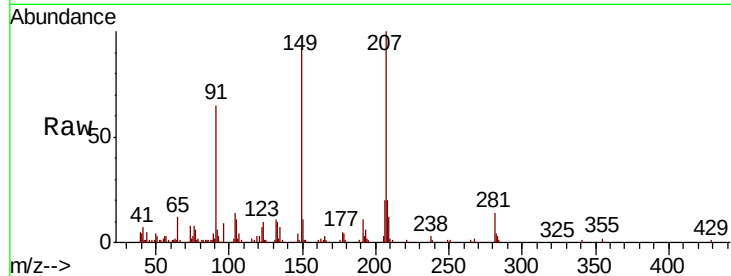




#83  
 Butylbenzylphthalate  
 Concen: 1.463 ng/ul  
 RT: 20.33 min Scan# 2931  
 Delta R.T. -0.01 min  
 Lab File: BN013371.D  
 Acq: 08 Jan 2021 17:02

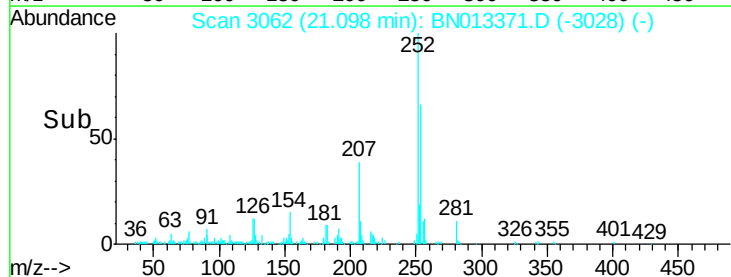
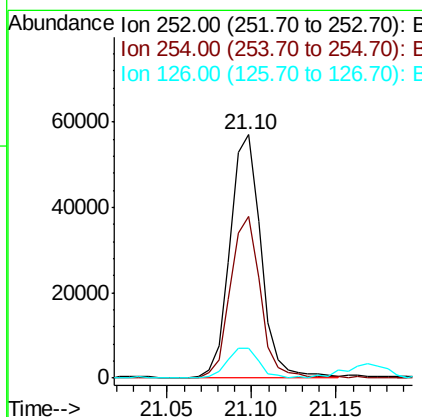
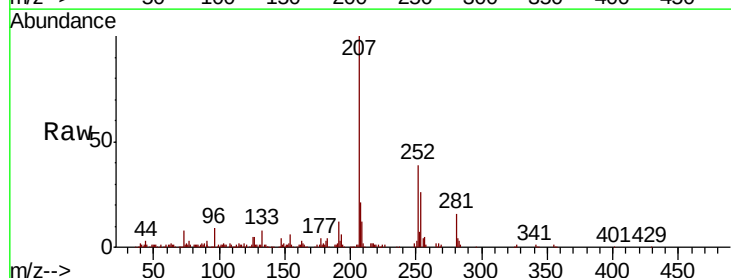
Instrument :  
 BNA\_N  
 ClientSampleID :  
 MDL-ME-SOIL-02

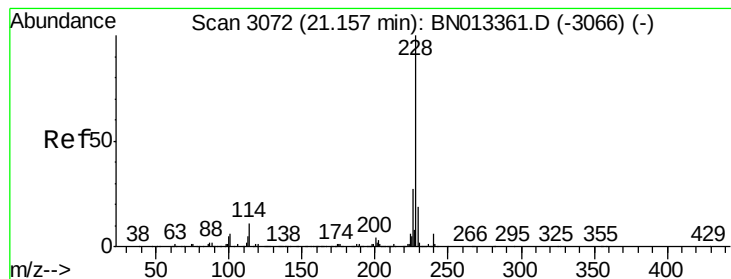
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.1  | 50.2  | 75.4  |
| 206     | 21.6  | 17.0  | 25.6  |



#84  
 3,3'-Dichlorobenzidine  
 Concen: 2.142 ng/ul  
 RT: 21.10 min Scan# 3062  
 Delta R.T. 0.00 min  
 Lab File: BN013371.D  
 Acq: 08 Jan 2021 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.4  | 51.7  | 77.5  |
| 126     | 12.4  | 10.2  | 15.2  |





#85

Benzo(a)anthracene

Concen: 2.861 ng/ul

RT: 21.16 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

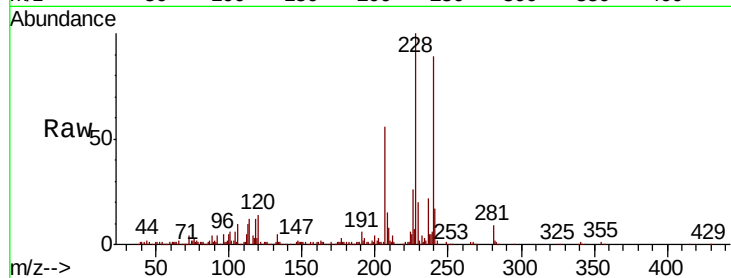
BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:228 Resp: 341259

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.5  | 15.5  | 23.3  |
| 226 | 26.1  | 21.4  | 32.0  |

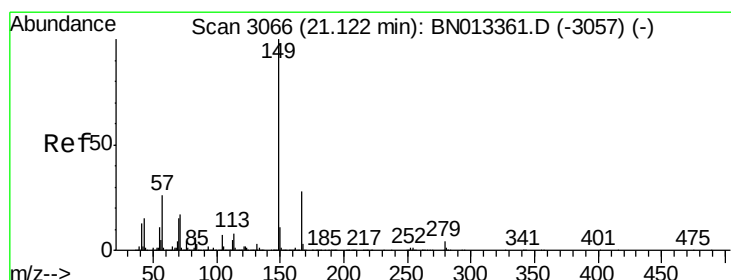
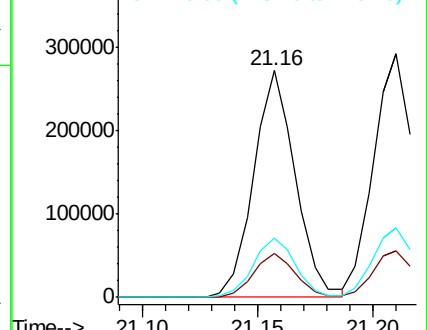
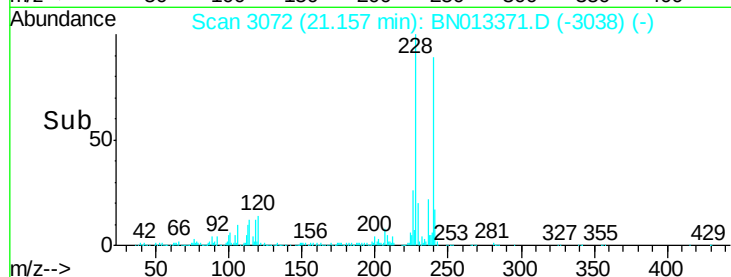


Abundance

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: 1.601 ng/ul

RT: 21.12 min Scan# 3066

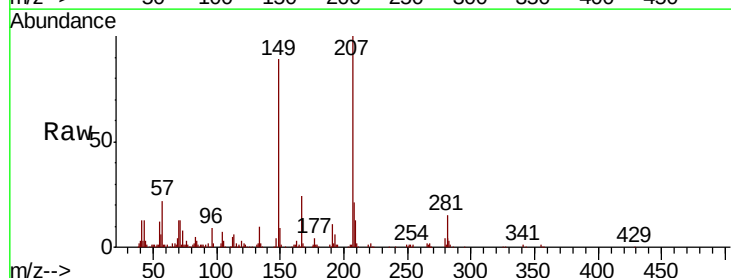
Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Tgt Ion:149 Resp: 130125

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.2  | 22.0  | 33.0  |
| 279 | 4.5   | 3.2   | 4.8   |

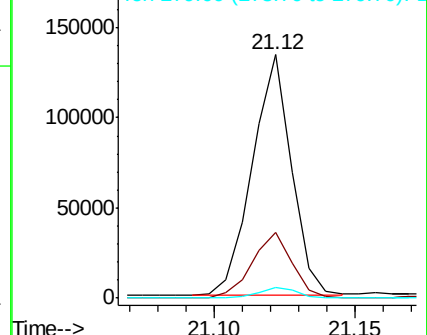
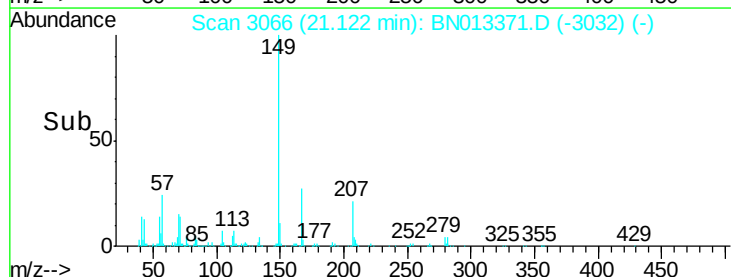


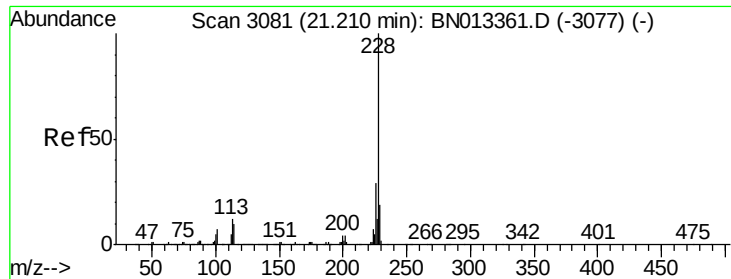
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Chrysene

Concen: 2.984 ng/ul

RT: 21.21 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

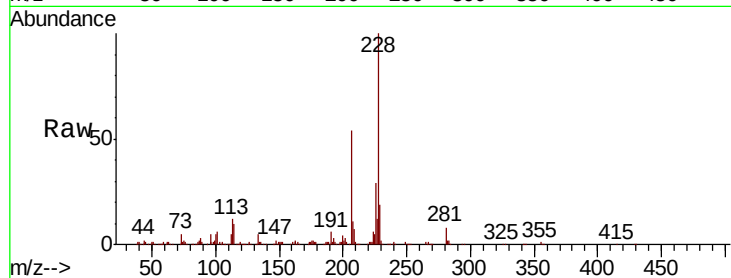
Tot Ion:228 Resp: 348544

Ion Ratio Lower Upper

228 100

226 28.6 23.1 34.7

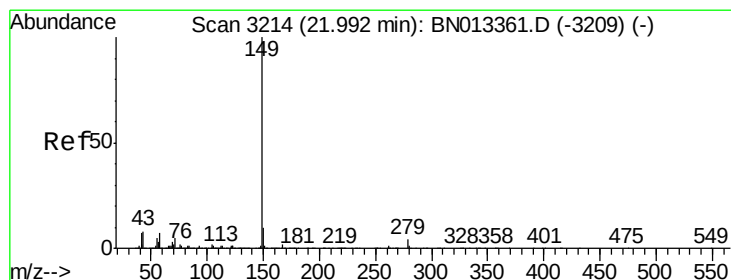
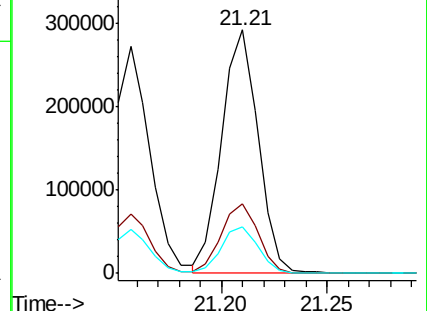
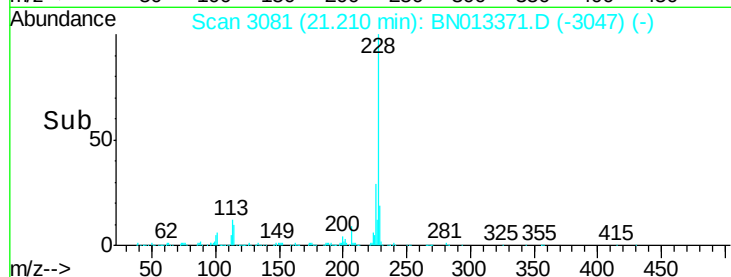
229 19.1 15.4 23.0



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: 1.827 ng/ul

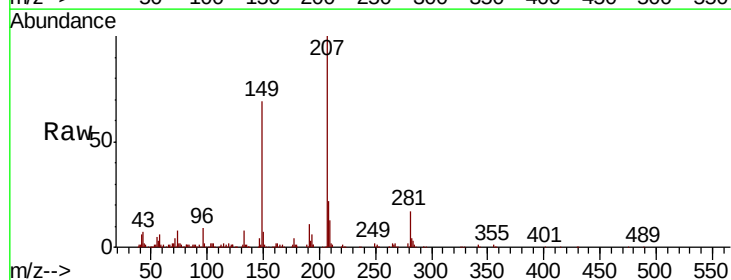
RT: 21.99 min Scan# 3213

Delta R.T. -0.01 min

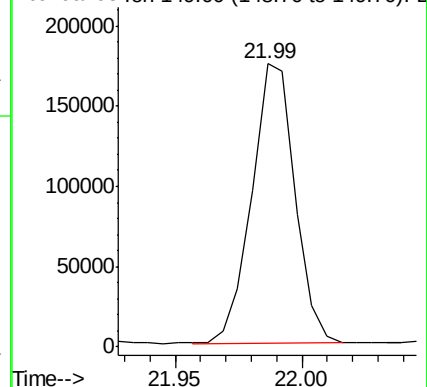
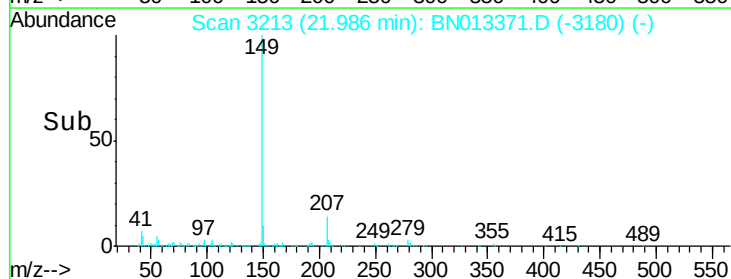
Lab File: BN013371.D

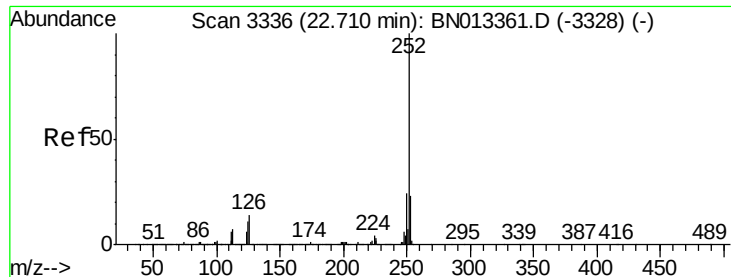
Acq: 08 Jan 2021 17:02

Tgt Ion:149 Resp: 207627



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 2.889 ng/ul

RT: 22.70 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

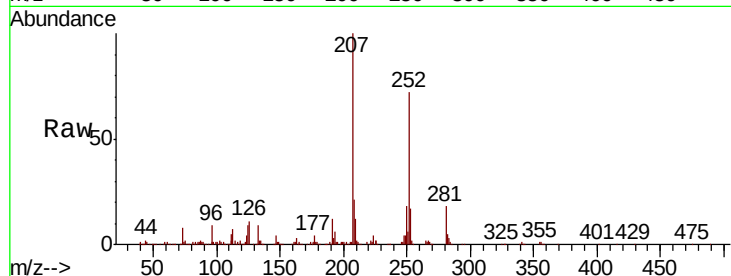
Tot Ion:252 Resp: 336476

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

125 12.1 8.9 13.3

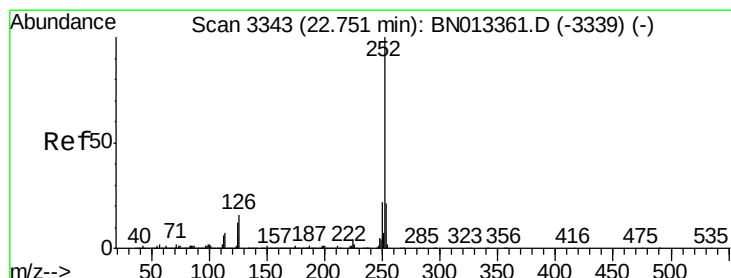
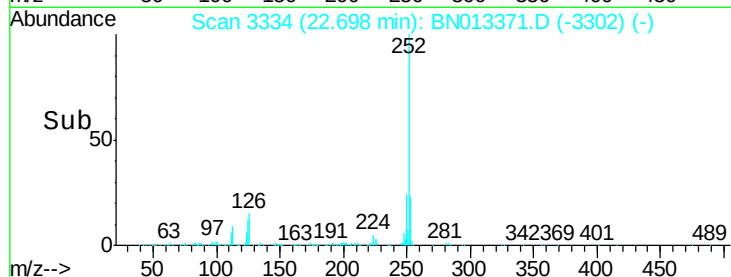
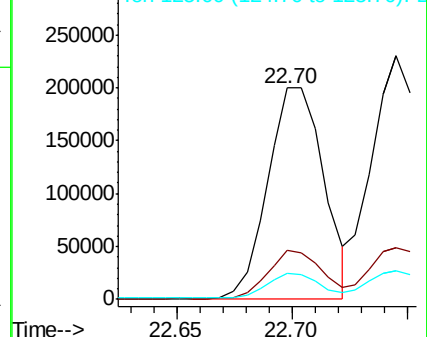


Abundance

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



#91

Benzo(k)fluoranthene

Concen: 3.197 ng/ul

RT: 22.75 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

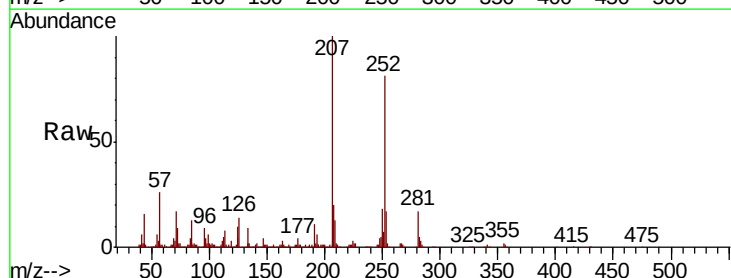
Tgt Ion:252 Resp: 354681

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 11.9 9.0 13.6

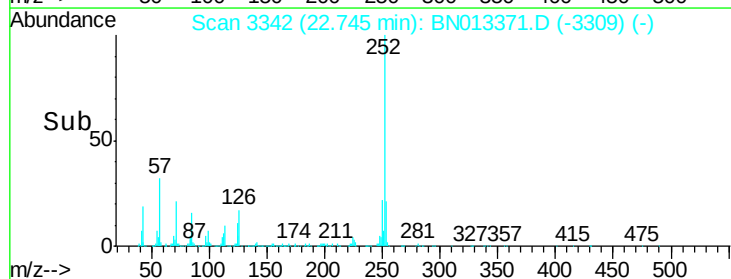
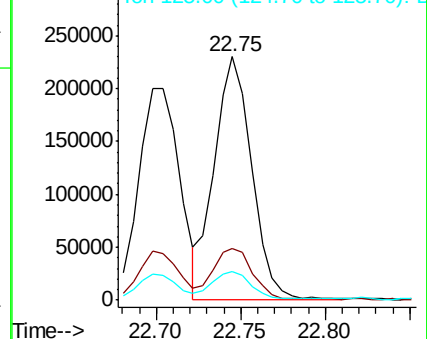


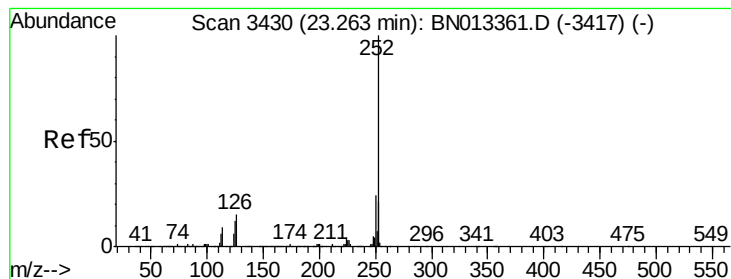
Abundance

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: 3.141 ng/ul

RT: 23.26 min Scan# 3429

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

Instrument :

BNA\_N

ClientSampleId :

MDL-ME-SOIL-02

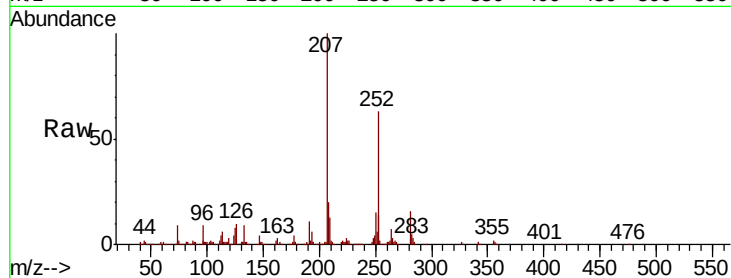
Tot Ion:252 Resp: 331664

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 13.5 9.6 14.4

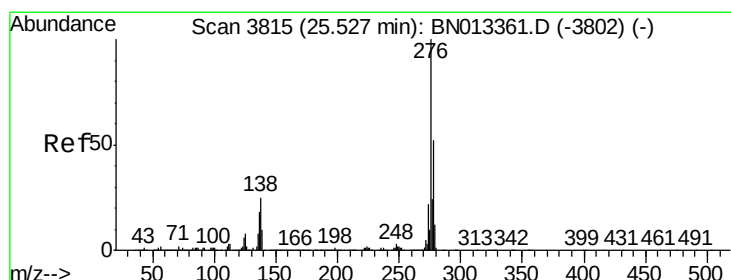
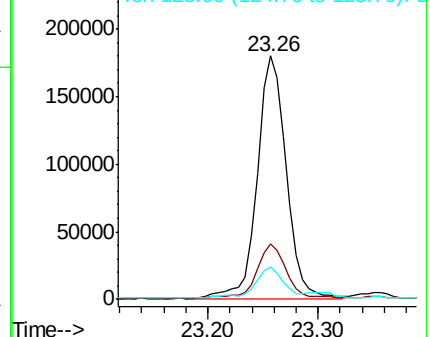
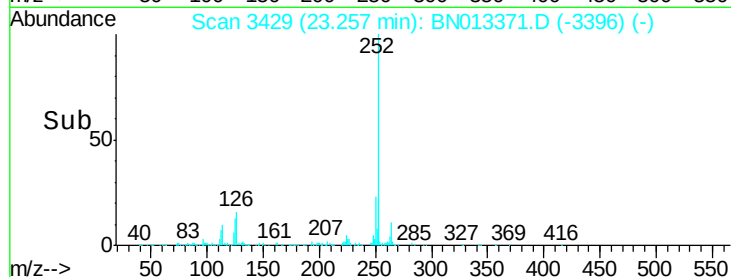


Abundance

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: 3.009 ng/ul

RT: 25.52 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BN013371.D

Acq: 08 Jan 2021 17:02

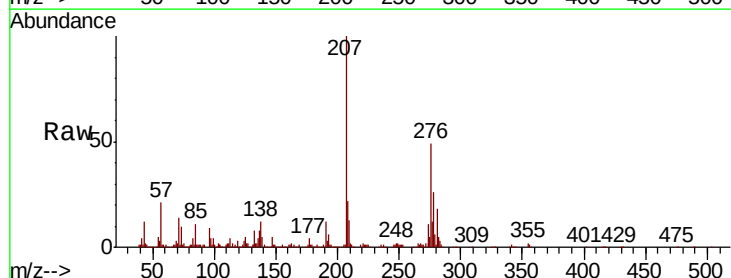
Tgt Ion:276 Resp: 397996

Ion Ratio Lower Upper

276 100

138 24.6 20.2 30.2

277 24.3 19.0 28.4

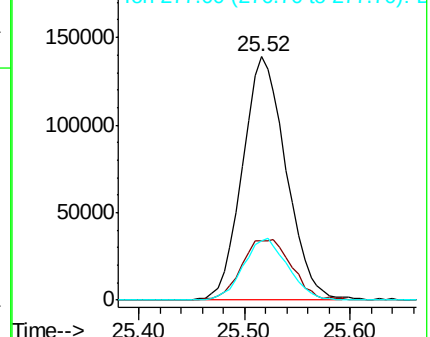
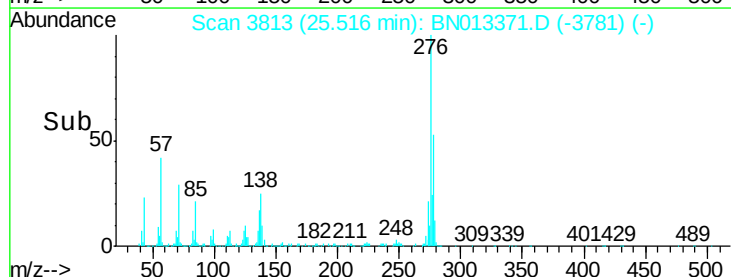


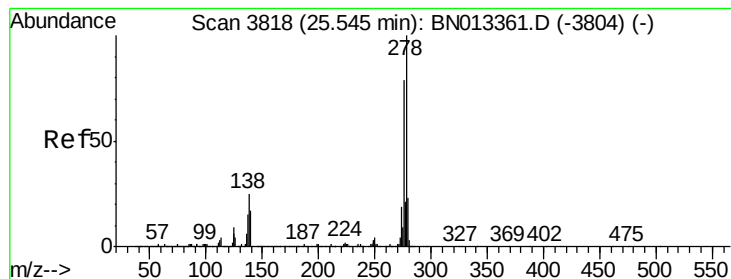
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



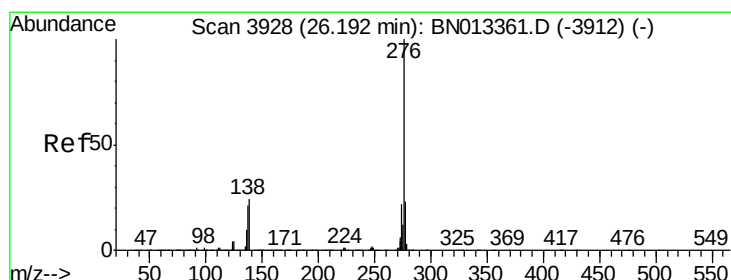
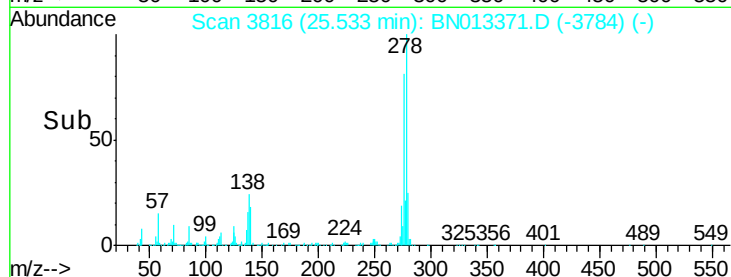
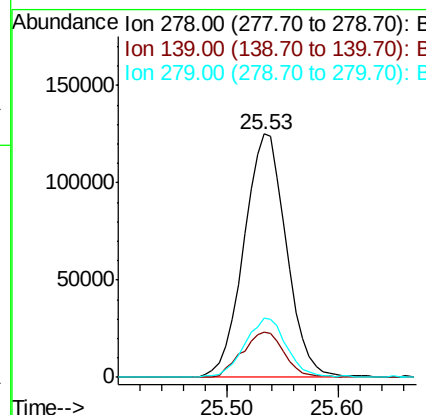
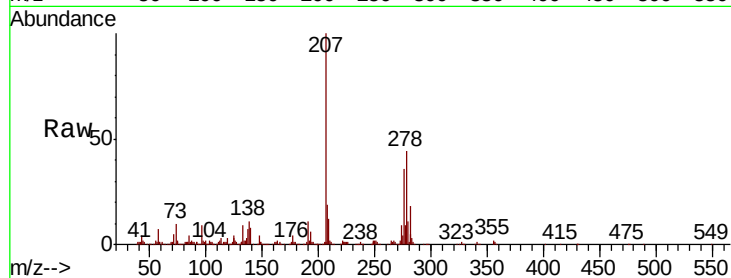


#95

Dibenzo(a,h)anthracene  
Concen: 3.042 ng/ul  
RT: 25.53 min Scan# 3816  
Delta R.T. -0.01 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-ME-SOIL-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.5  | 13.8  | 20.6  |
| 279     | 24.6  | 18.4  | 27.6  |



#96

Benzo(g,h,i)perylene  
Concen: 2.857 ng/ul  
RT: 26.17 min Scan# 3925  
Delta R.T. -0.02 min  
Lab File: BN013371.D  
Acq: 08 Jan 2021 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 28.1  | 19.4  | 29.0  |
| 277     | 25.7  | 18.2  | 27.4  |

