

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\  
 Data File : BN004388.D  
 Acq On : 13 Feb 2019 12:20  
 Operator : JU/SJ  
 Sample : MDL-W-03  
 Misc : 1PPM/4PPM  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-W-03

Quant Time: Feb 13 14:47:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Feb 09 05:34:31 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 26809    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.53 | 136  | 125535   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.39 | 164  | 79926    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.13 | 188  | 197084   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.33 | 240  | 263945   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.60 | 264  | 306870   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 3090   | 6.93  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.90  | 99  | 59362  | 24.85 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.09  | 67  | 32563  | 27.16 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.28  | 132 | 53726  | 27.73 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.44  | 113 | 52167  | 25.40 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.91  | 128 | 24555  | 29.55 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.62  | 143 | 25702  | 29.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.15 | 165 | 53225  | 27.06 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.68 | 131 | 74093  | 34.06 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.80 | 166 | 199216 | 29.39 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.08 | 160 | 237863 | 29.62 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.58 | 143 | 31837  | 24.54 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.38 | 176 | 174452 | 29.24 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 26835  | 23.35 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.23 | 188 | 285158 | 30.19 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.53 | 212 | 347121 | 29.34 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.46 | 264 | 425076 | 26.39 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |       | Ovalue    |
|--------------------------------|-------|-----|-------|-------|-----------|
| 2) 1,4-Dioxane                 | 3.29  | 88  | 851   | 1.551 | ng/uL# 76 |
| 4) Benzaldehyde                | 6.90  | 77  | 3653  | 2.663 | ng/ul 95  |
| 6) Phenol                      | 6.93  | 94  | 8746  | 3.666 | ng/ul 97  |
| 8) Bis(2-Chloroethyl)ether     | 7.18  | 93  | 6459  | 3.785 | ng/ul 93  |
| 10) 2-Chlorophenol             | 7.30  | 128 | 7469  | 3.872 | ng/ul 98  |
| 11) 2-Methylphenol             | 8.18  | 108 | 6092  | 3.193 | ng/ul 98  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.27  | 45  | 7814  | 3.863 | ng/ul# 96 |
| 14) Acetophenone               | 8.57  | 105 | 10985 | 3.589 | ng/ul 99  |
| 15) N-Nitroso-di-n-propylamine | 8.55  | 70  | 4272  | 3.254 | ng/ul# 96 |
| 16) 4-Methylphenol             | 8.50  | 108 | 7200  | 3.409 | ng/ul 98  |
| 17) Hexachloroethane           | 8.82  | 117 | 2601  | 3.851 | ng/ul 91  |
| 20) Nitrobenzene               | 8.95  | 77  | 7743  | 4.259 | ng/ul 97  |
| 21) Isophorone                 | 9.46  | 82  | 12463 | 3.346 | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.65  | 139 | 3876  | 3.983 | ng/ul 98  |
| 24) 2,4-Dimethylphenol         | 9.70  | 107 | 8476  | 3.862 | ng/ul 96  |
| 25) Bis(2-Chloroethoxy)methane | 9.95  | 93  | 8886  | 3.677 | ng/ul 98  |
| 27) 2,4-Dichlorophenol         | 10.18 | 162 | 7717  | 3.974 | ng/ul 94  |
| 28) Naphthalene                | 10.58 | 128 | 27981 | 4.323 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.70 | 127 | 8250  | 3.789 | ng/ul 98  |
| 31) Hexachlorobutadiene        | 10.85 | 225 | 5437  | 4.331 | ng/ul 98  |
| 32) Caprolactam                | 11.48 | 113 | 1179  | 1.798 | ng/ul 99  |
| 33) 4-Chloro-3-methylphenol    | 11.81 | 107 | 6959  | 3.323 | ng/ul 96  |
| 34) 2-Methylnaphthalene        | 12.20 | 142 | 20748 | 4.179 | ng/ul 97  |

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 QLast Update : Sat Feb 09 05:34:31 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 35) 1-Methylnaphthalene        | 12.42 | 142  | 20299    | 4.146 | ng/ul  | 97       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.56 | 216  | 11442    | 4.300 | ng/ul  | 97       |
| 38) Hexachlorocyclopentadiene  | 12.53 | 237  | 5993     | 3.623 | ng/ul  | 98       |
| 39) 2,4,6-Trichlorophenol      | 12.80 | 196  | 5092     | 3.239 | ng/ul  | 97       |
| 40) 2,4,5-Trichlorophenol      | 12.87 | 196  | 6012     | 3.404 | ng/ul  | 97       |
| 41) 1,1'-Biphenyl              | 13.22 | 154  | 27585    | 4.271 | ng/ul  | 98       |
| 42) 2-Chloronaphthalene        | 13.26 | 162  | 20907    | 4.162 | ng/ul  | 97       |
| 43) 2-Nitroaniline             | 13.47 | 65   | 2952     | 2.879 | ng/ul  | 97       |
| 45) Dimethylphthalate          | 13.84 | 163  | 27761    | 4.143 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 13.97 | 165  | 3573     | 3.024 | ng/ul  | 94       |
| 48) Acenaphthylene             | 14.11 | 152  | 32489    | 4.261 | ng/ul  | 100      |
| 49) 3-Nitroaniline             | 14.30 | 138  | 2885     | 2.393 | ng/ul# | 96       |
| 50) Acenaphthene               | 14.45 | 153  | 23389    | 4.258 | ng/ul  | 99       |
| 51) 2,4-Dinitrophenol          | 14.50 | 184  | 1642     | 2.234 | ng/ul  | 99       |
| 53) 4-Nitrophenol              | 14.59 | 109  | 3616     | 3.748 | ng/ul  | 97       |
| 54) Dibenzofuran               | 14.79 | 168  | 34224    | 4.307 | ng/ul  | 99       |
| 55) 2,4-Dinitrotoluene         | 14.75 | 165  | 6272     | 3.384 | ng/ul# | 97       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.00 | 232  | 5649     | 3.506 | ng/ul# | 99       |
| 57) Diethylphthalate           | 15.21 | 149  | 24481    | 3.702 | ng/ul  | 99       |
| 59) Fluorene                   | 15.43 | 166  | 27847    | 4.325 | ng/ul  | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.43 | 204  | 14743    | 4.327 | ng/ul  | 97       |
| 61) 4-Nitroaniline             | 15.46 | 138  | 3797     | 2.420 | ng/ul  | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 15.51 | 198  | 4226     | 3.498 | ng/ul# | 86       |
| 65) N-Nitrosodiphenylamine     | 15.65 | 169  | 22941    | 4.065 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.33 | 248  | 9126     | 4.144 | ng/ul  | 100      |
| 67) Hexachlorobenzene          | 16.43 | 284  | 10908    | 4.229 | ng/ul  | 97       |
| 68) Atrazine                   | 16.60 | 200  | 6716     | 3.089 | ng/ul  | 99       |
| 69) Pentachlorophenol          | 16.77 | 266  | 3938     | 2.619 | ng/ul  | 97       |
| 70) Phenanthrene               | 17.17 | 178  | 46936    | 4.292 | ng/ul  | 98       |
| 72) Anthracene                 | 17.27 | 178  | 47520    | 4.316 | ng/ul  | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.17 | 216  | 11824    | 4.374 | ng/uL  | 99       |
| 74) Pentachlorobenzene         | 14.70 | 250  | 12655    | 4.380 | ng/uL  | 98       |
| 75) Carbazole                  | 17.54 | 167  | 38291    | 3.893 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.10 | 149  | 31837    | 2.948 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.20 | 202  | 53955    | 4.008 | ng/ul  | 98       |
| 80) Pvrene                     | 19.56 | 202  | 62069    | 4.252 | ng/ul  | 99       |
| 81) Butylbenzylphthalate       | 20.47 | 149  | 12659    | 2.524 | ng/ul  | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.26 | 252  | 12345    | 2.230 | ng/ul  | 100      |
| 83) Benzo(a)anthracene         | 21.32 | 228  | 65965    | 4.055 | ng/ul  | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.24 | 149  | 18808    | 2.502 | ng/ul  | 99       |
| 85) Chrysene                   | 21.37 | 228  | 65710    | 4.255 | ng/ul  | 98       |
| 87) Di-n-octyl phthalate       | 22.13 | 149  | 34629    | 2.357 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.92 | 252  | 72412    | 3.984 | ng/ul  | 99       |
| 89) Benzo(k)fluoranthene       | 22.96 | 252  | 70574    | 3.995 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 23.50 | 252  | 73856    | 4.165 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.90 | 276  | 91031    | 4.043 | ng/ul  | 98       |
| 93) Dibenzo(a,h)anthracene     | 25.91 | 278  | 76619    | 4.090 | ng/ul  | 99       |
| 94) Benzo(a,h,i)perylene       | 26.60 | 276  | 77336    | 4.098 | ng/ul  | 99       |
| -----                          |       |      |          |       |        |          |

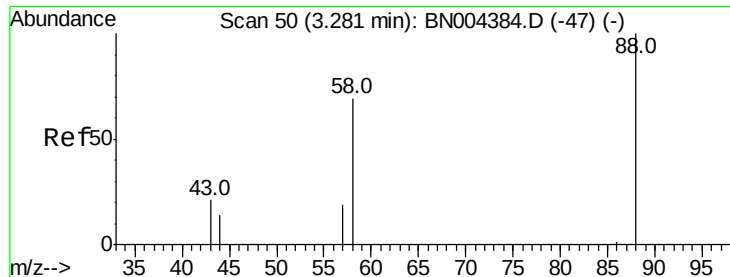
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN021319\  
Data File : BN004388.D  
Acq On : 13 Feb 2019 12:20  
Operator : JU/SJ  
Sample : MDL-W-03  
Misc : 1PPM/4PPM  
ALS Vial : 6 Sample Multiplier: 1

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QLast Update : Sat Feb 09 05:34:31 2019  
Response via : Initial Calibration

| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 1.551 ng/uL

RT: 3.29 min Scan# 51

Delta R.T. 0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampled :

MDL-W-03

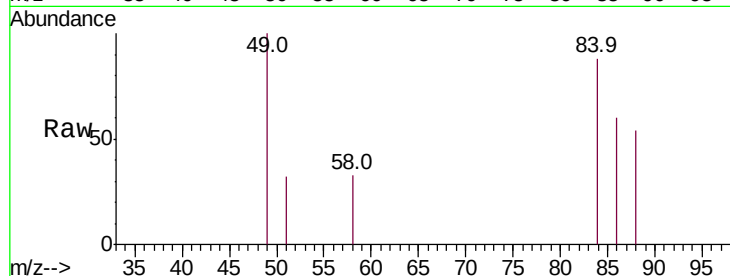
Tot Ion: 88 Resp: 851

Ion Ratio Lower Upper

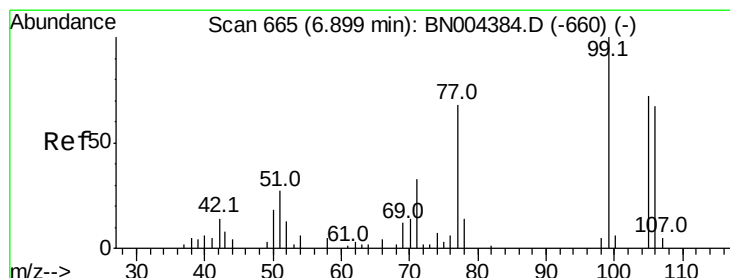
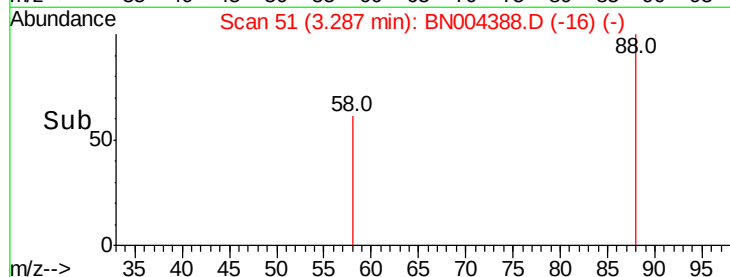
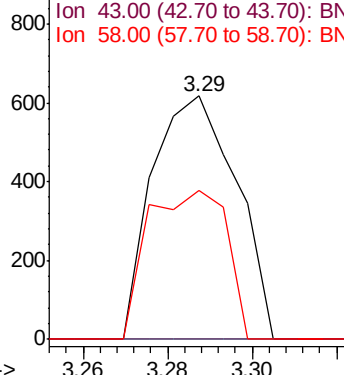
88 100

43 0.0 25.6 38.4#

58 61.3 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): BN0  
Ion 43.00 (42.70 to 43.70): BN0  
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 2.663 ng/uL

RT: 6.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

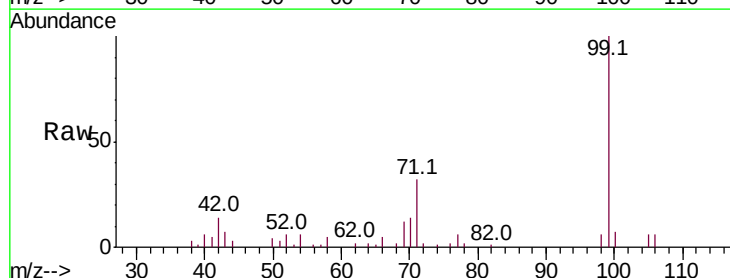
Tgt Ion: 77 Resp: 3653

Ion Ratio Lower Upper

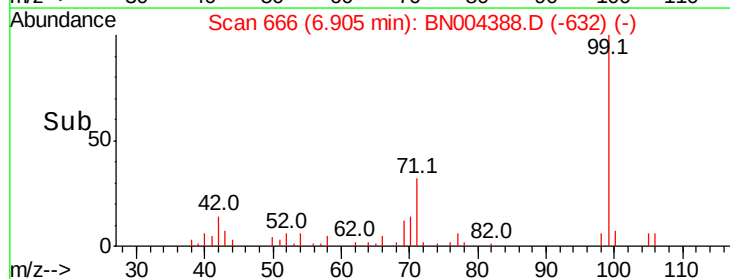
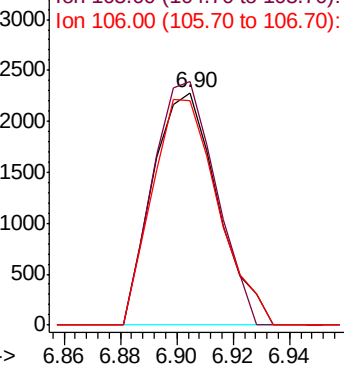
77 100

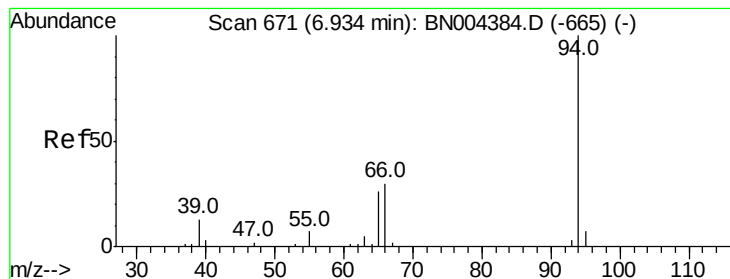
105 104.7 85.4 128.0

106 96.7 84.8 127.2



Abundance Ion 77.00 (76.70 to 77.70): BN0  
Ion 105.00 (104.70 to 105.70): E  
Ion 106.00 (105.70 to 106.70): E





#6

Phenol

Concen: 3.666 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

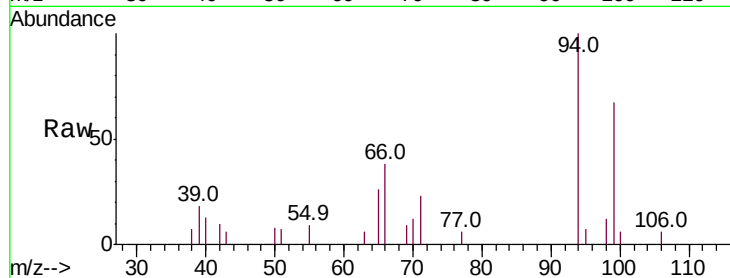
Tot Ion: 94 Resp: 8746

Ion Ratio Lower Upper

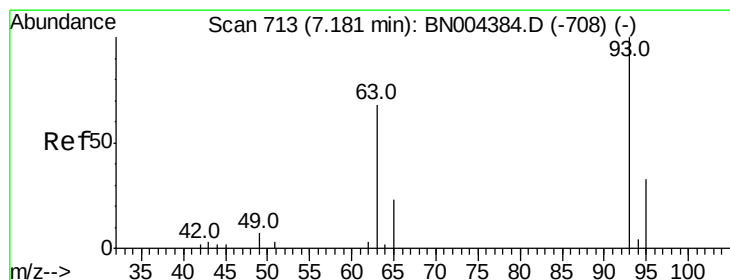
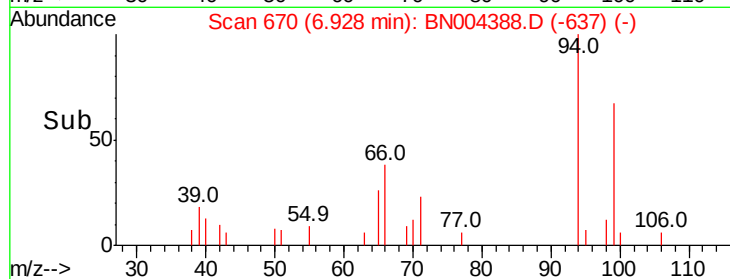
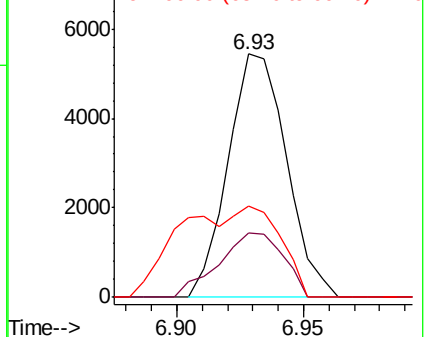
94 100

65 26.4 20.2 30.4

66 37.6 28.2 42.2



Abundance Ion 94.00 (93.70 to 94.70): BNC  
Ion 65.00 (64.70 to 65.70): BNC  
Ion 66.00 (65.70 to 66.70): BNC



#8

Bis(2-Chloroethyl)ether

Concen: 3.785 ng/ul

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

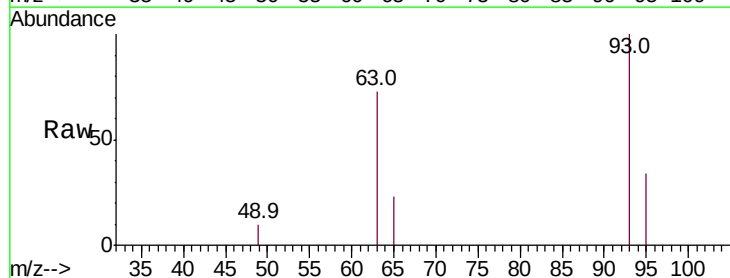
Tgt Ion: 93 Resp: 6459

Ion Ratio Lower Upper

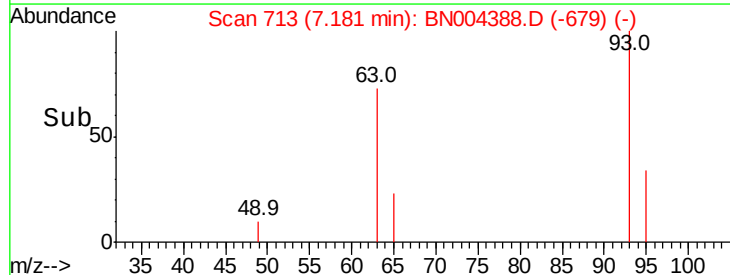
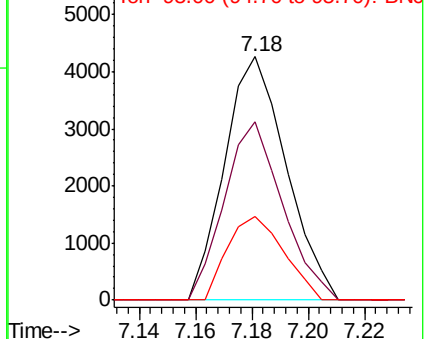
93 100

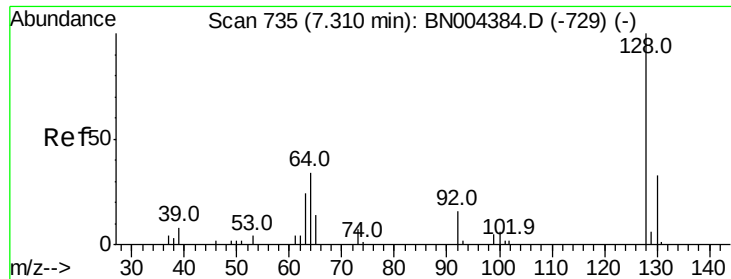
63 73.3 52.8 79.2

95 34.2 25.9 38.9



Abundance Ion 93.00 (92.70 to 93.70): BNC  
Ion 63.00 (62.70 to 63.70): BNC  
Ion 95.00 (94.70 to 95.70): BNC

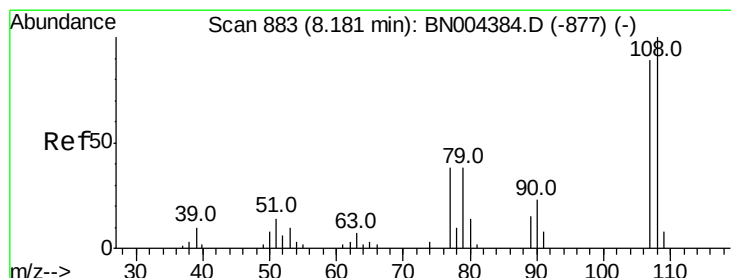
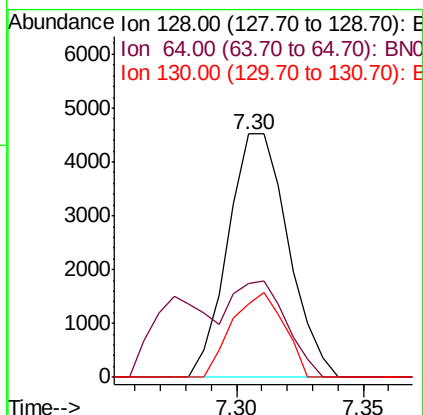
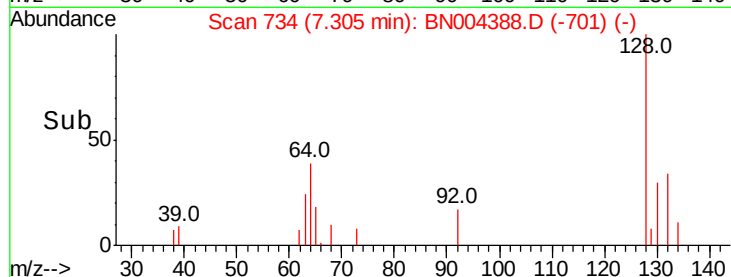
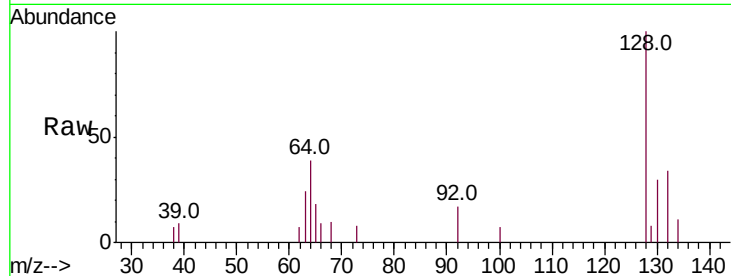




#10  
2-Chlorophenol  
Concen: 3.872 ng/ul  
RT: 7.30 min Scan# 734  
Delta R.T. -0.01 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

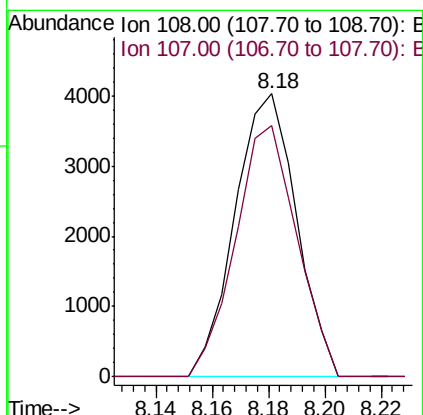
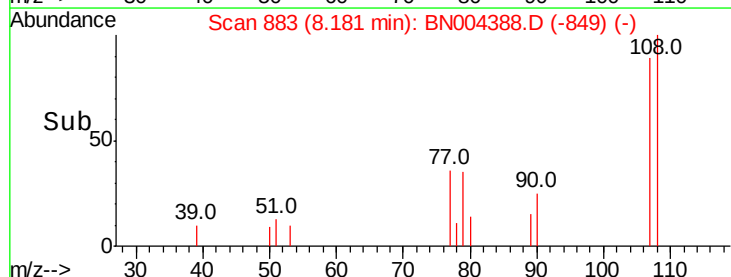
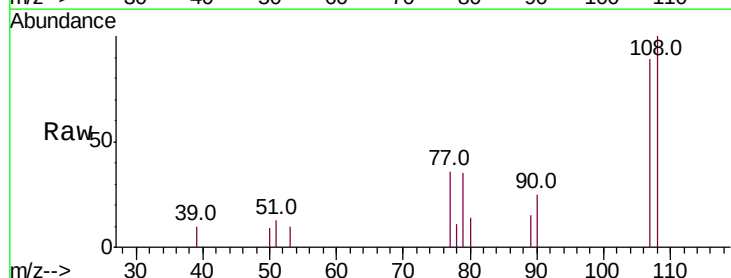
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-W-03

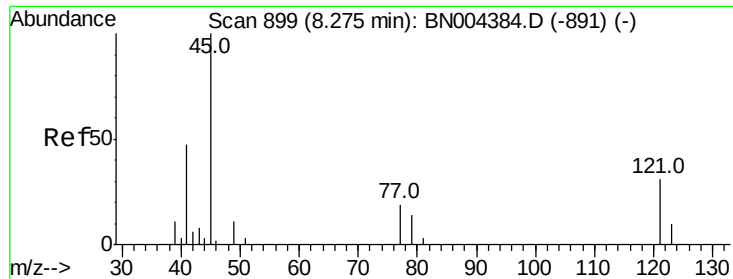
Tot Ion:128 Resp: 7469  
Ion Ratio Lower Upper  
128 100  
64 38.7 31.0 46.6  
130 30.3 26.1 39.1



#11  
2-Methylphenol  
Concen: 3.193 ng/ul  
RT: 8.18 min Scan# 883  
Delta R.T. 0.00 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

Tgt Ion:108 Resp: 6092  
Ion Ratio Lower Upper  
108 100  
107 88.6 72.7 109.1

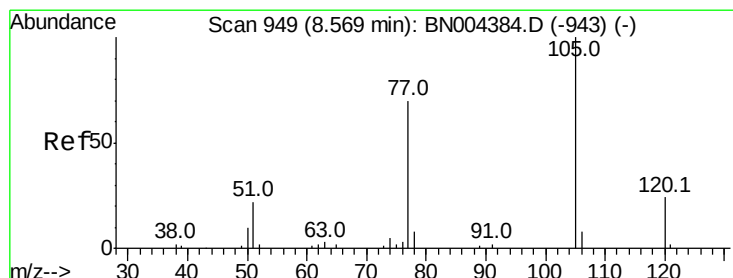
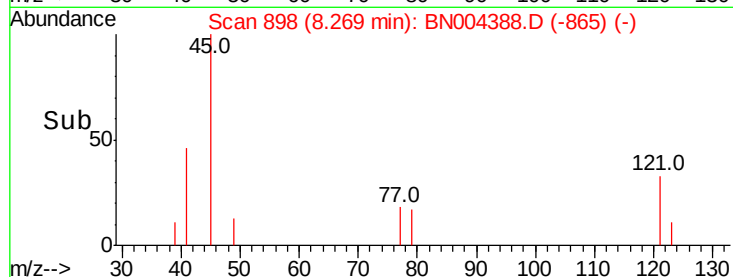
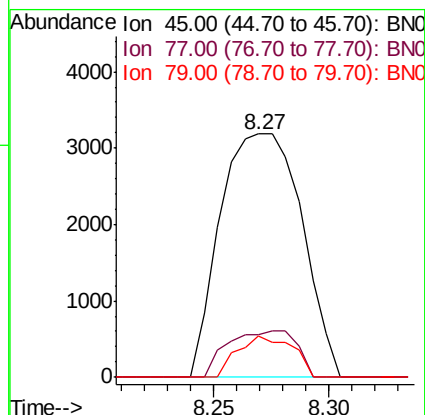
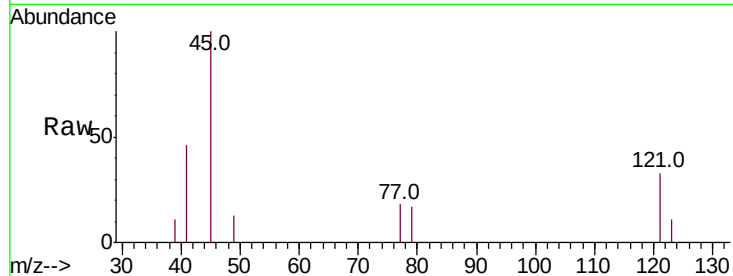




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 3.863 ng/ul  
RT: 8.27 min Scan# 898  
Delta R.T. -0.01 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

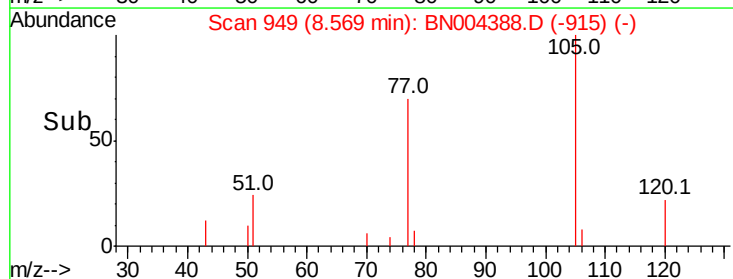
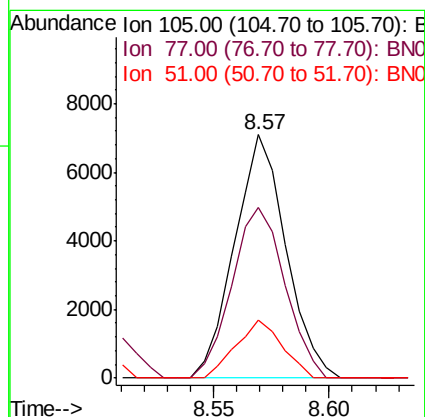
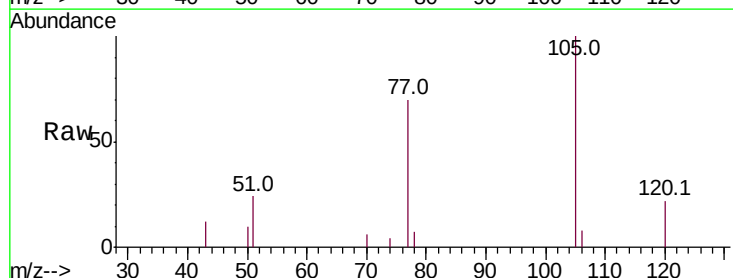
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-W-03

Tot Ion: 45 Resp: 7814  
Ion Ratio Lower Upper  
45 100  
77 17.8 14.1 21.1  
79 17.1 10.8 16.2#

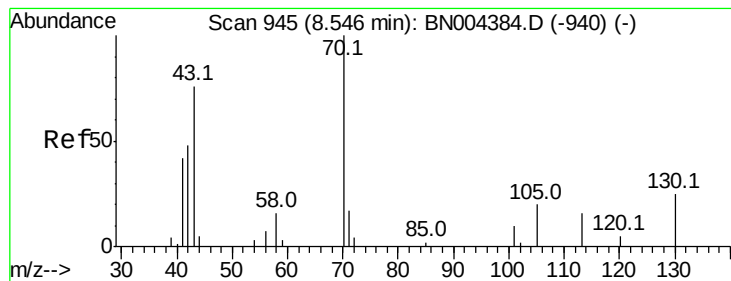


#14  
Acetophenone  
Concen: 3.589 ng/ul  
RT: 8.57 min Scan# 949  
Delta R.T. 0.00 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

Tgt Ion: 105 Resp: 10985  
Ion Ratio Lower Upper  
105 100  
77 69.8 56.1 84.1  
51 24.0 17.2 25.8







#15

N-Nitroso-di-n-propylamine

Concen: 3.254 ng/ul

RT: 8.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

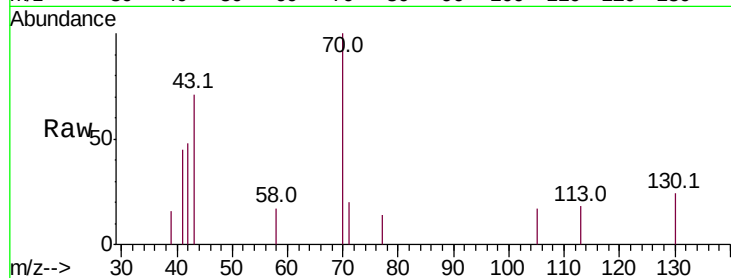
ClientSampleId :

MDL-W-03

Tot Ion: 70 Resp: 4272

Ion Ratio Lower Upper

|     |      |      |       |
|-----|------|------|-------|
| 70  | 100  |      |       |
| 42  | 48.3 | 38.6 | 58.0  |
| 101 | 0.0  | 8.4  | 12.6# |
| 130 | 24.0 | 19.9 | 29.9  |

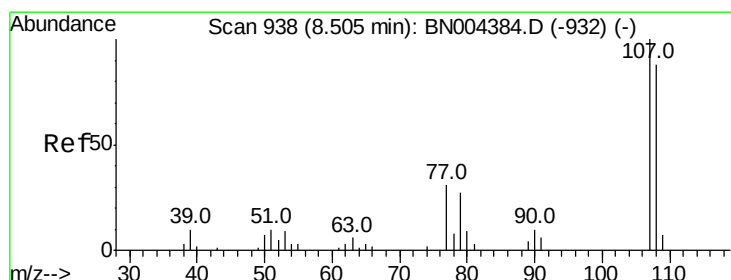
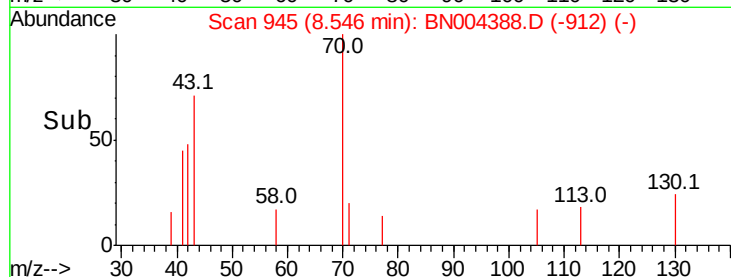
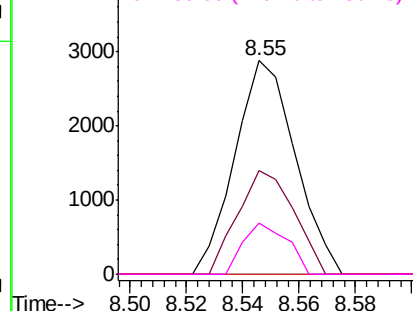


Abundance Ion 70.00 (69.70 to 70.70): BN004388.D (-940) (-)

Ion 42.00 (41.70 to 42.70): BN004388.D (-940) (-)

Ion 101.00 (100.70 to 101.70): BN004388.D (-940) (-)

Ion 130.00 (129.70 to 130.70): BN004388.D (-940) (-)



#16

4-Methylphenol

Concen: 3.409 ng/ul

RT: 8.50 min Scan# 938

Delta R.T. 0.00 min

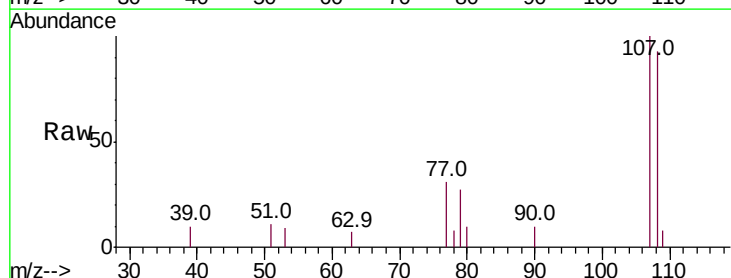
Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Tgt Ion: 108 Resp: 7200

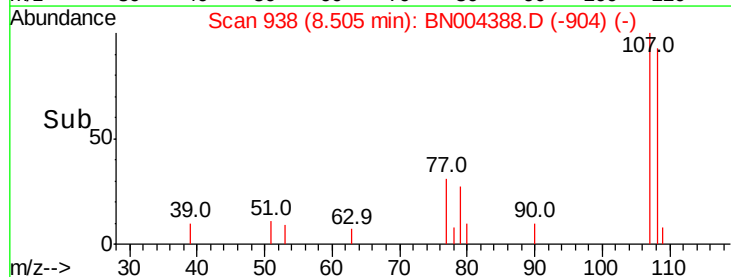
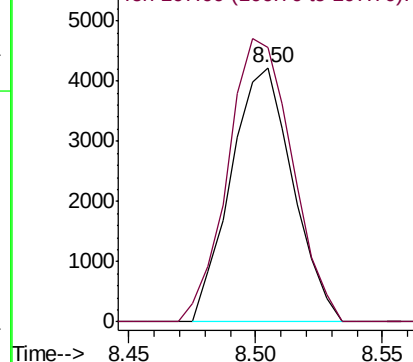
Ion Ratio Lower Upper

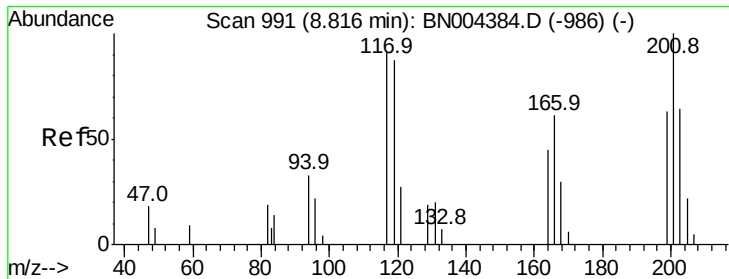
|     |       |      |       |
|-----|-------|------|-------|
| 108 | 100   |      |       |
| 107 | 107.9 | 87.8 | 131.6 |



Abundance Ion 108.00 (107.70 to 108.70): BN004388.D (-932) (-)

Ion 107.00 (106.70 to 107.70): BN004388.D (-932) (-)





#17

Hexachloroethane

Concen: 3.851 ng/ul

RT: 8.82 min Scan# 991

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

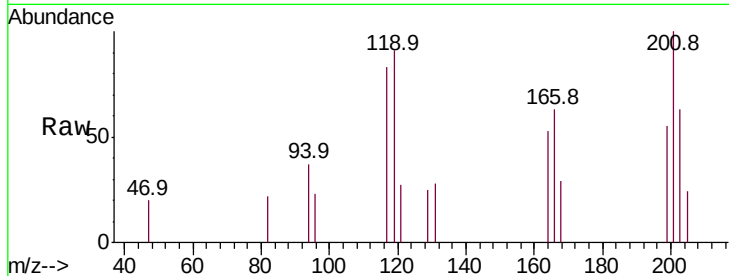
Tot Ion:117 Resp: 2601

Ion Ratio Lower Upper

117 100

201 120.3 85.0 127.6

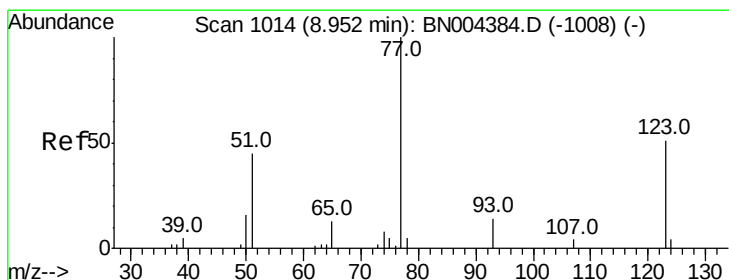
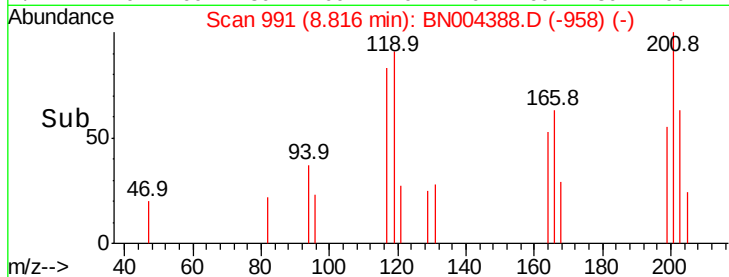
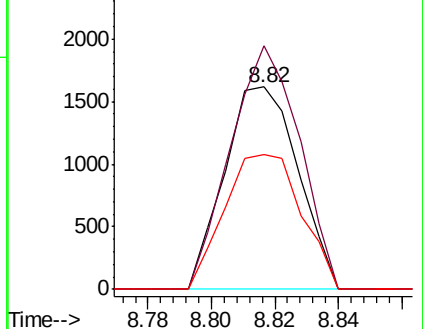
199 66.7 53.8 80.8



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



#20

Nitrobenzene

Concen: 4.259 ng/ul

RT: 8.95 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

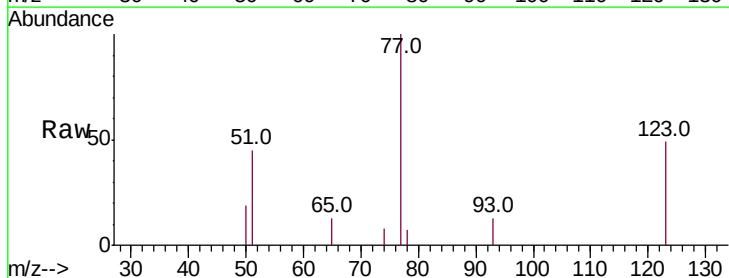
Tgt Ion: 77 Resp: 7743

Ion Ratio Lower Upper

77 100

123 49.4 41.6 62.4

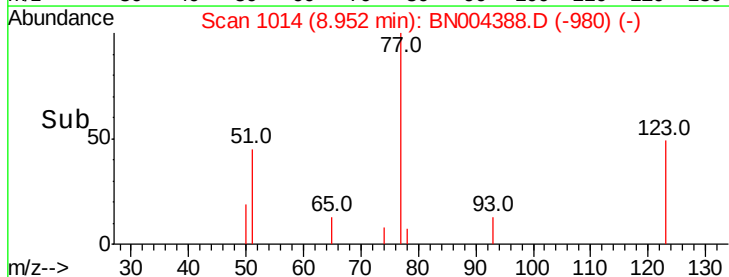
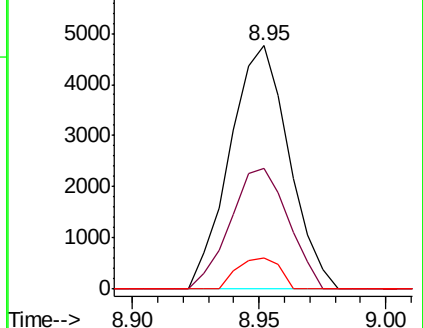
65 12.5 10.2 15.4

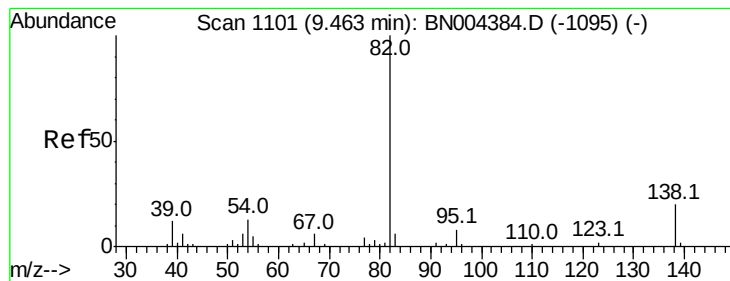


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 3.346 ng/ul

RT: 9.46 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

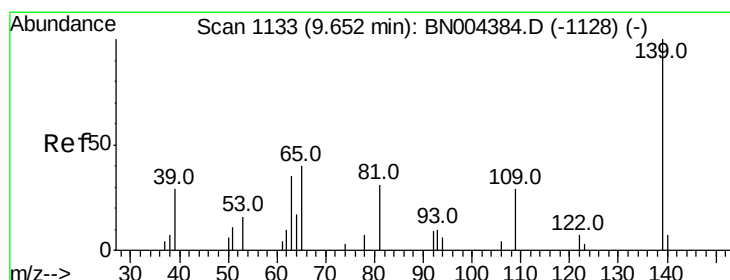
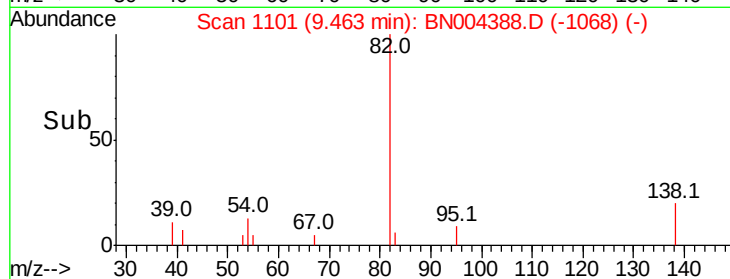
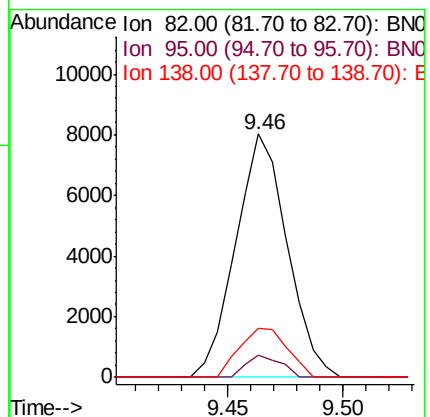
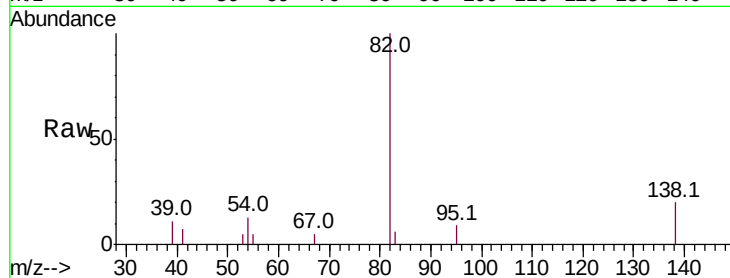
Tot Ion: 82 Resp: 12463

Ion Ratio Lower Upper

82 100

95 9.1 6.2 9.4

138 20.4 16.5 24.7



#23

2-Nitrophenol

Concen: 3.983 ng/ul

RT: 9.65 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

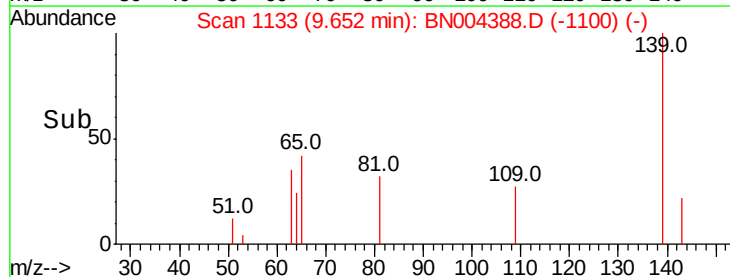
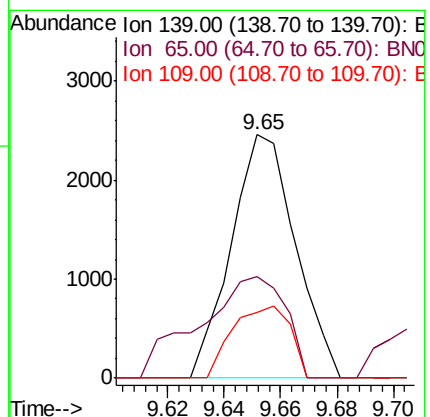
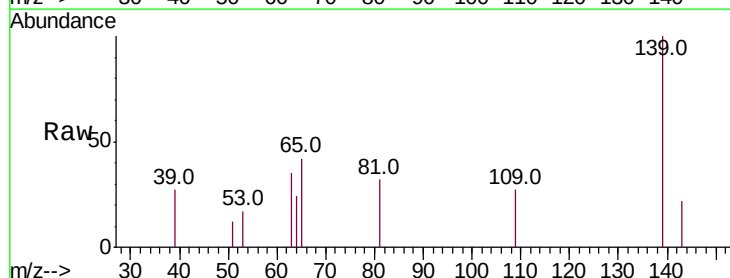
Tgt Ion: 139 Resp: 3876

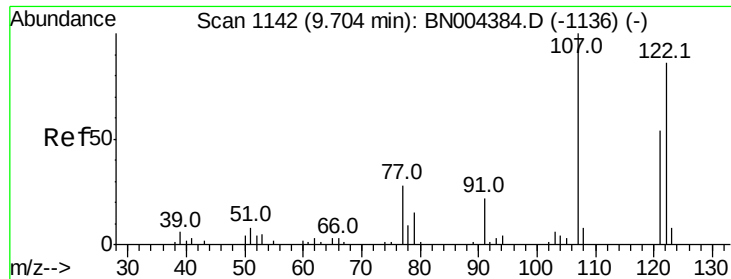
Ion Ratio Lower Upper

139 100

65 41.7 32.7 49.1

109 26.8 22.8 34.2

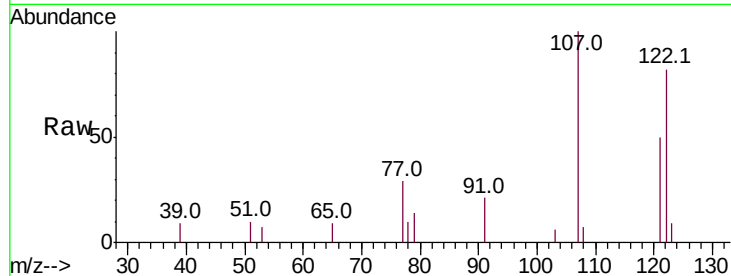




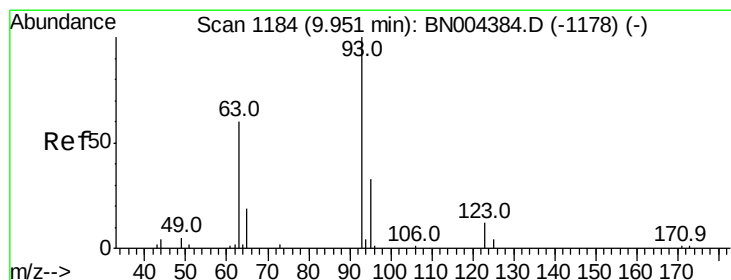
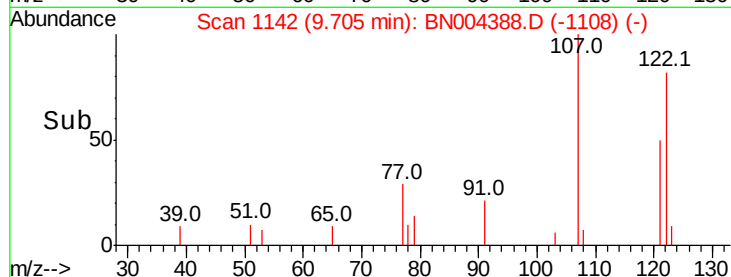
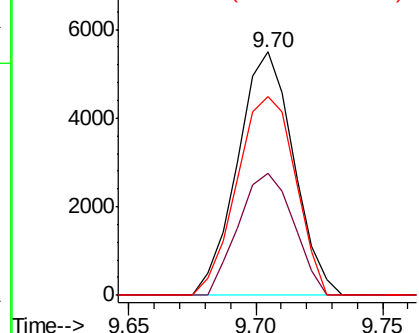
#24  
 2,4-Dimethylphenol  
 Concen: 3.862 ng/ul  
 RT: 9.70 min Scan# 1142  
 Delta R.T. 0.00 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-W-03

Tot Ion:107 Resp: 8476  
 Ion Ratio Lower Upper  
 107 100  
 121 50.1 41.5 62.3  
 122 81.8 69.0 103.4

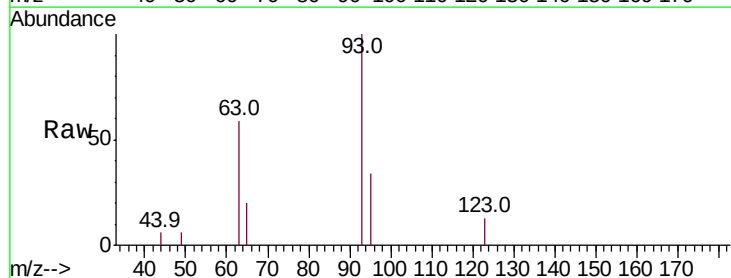


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E  
 Ion 122.00 (121.70 to 122.70): E

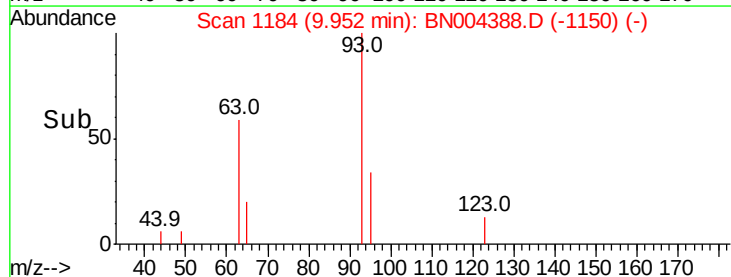
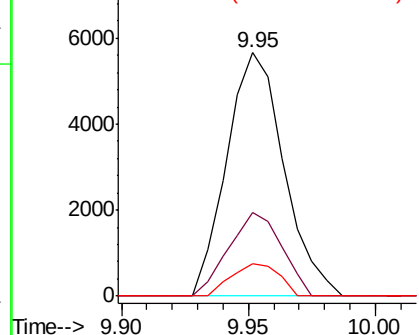


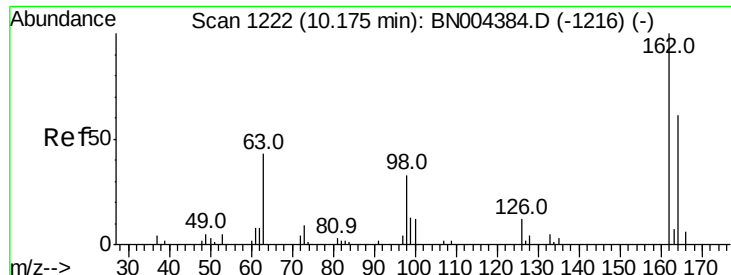
#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 3.677 ng/ul  
 RT: 9.95 min Scan# 1184  
 Delta R.T. 0.00 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Tgt Ion: 93 Resp: 8886  
 Ion Ratio Lower Upper  
 93 100  
 95 34.2 26.2 39.4  
 123 13.4 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BNC  
 Ion 95.00 (94.70 to 95.70): BNC  
 Ion 123.00 (122.70 to 123.70): E

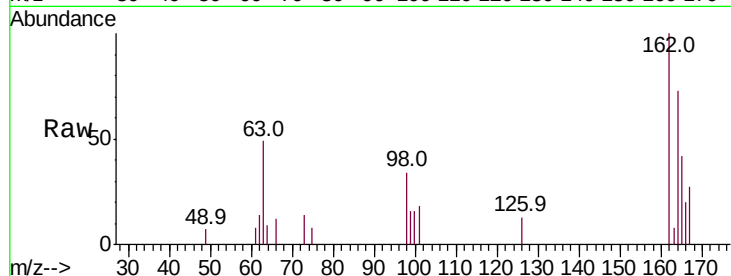




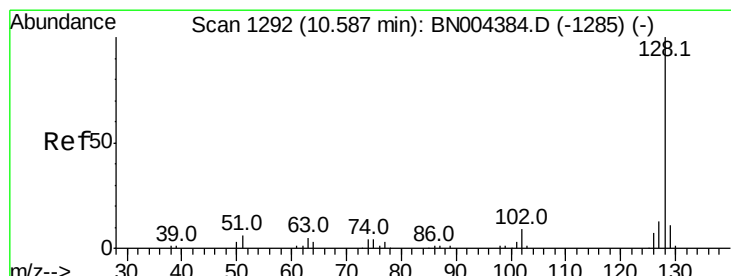
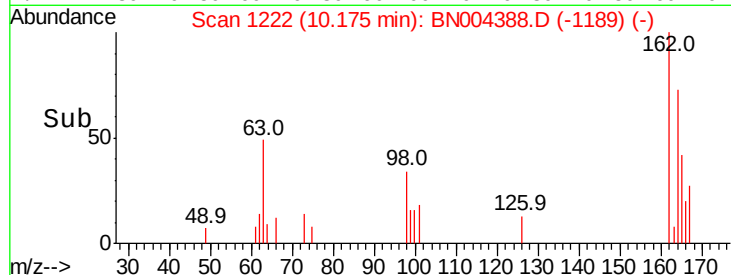
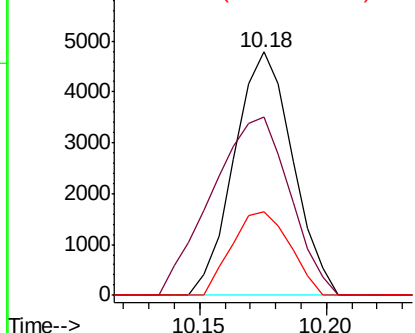
#27  
 2,4-Dichlorophenol  
 Concen: 3.974 ng/ul  
 RT: 10.18 min Scan# 1222  
 Delta R.T. -0.01 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-W-03

Tot Ion:162 Resp: 7717  
 Ion Ratio Lower Upper  
 162 100  
 164 73.4 53.0 79.4  
 98 34.2 27.0 40.4

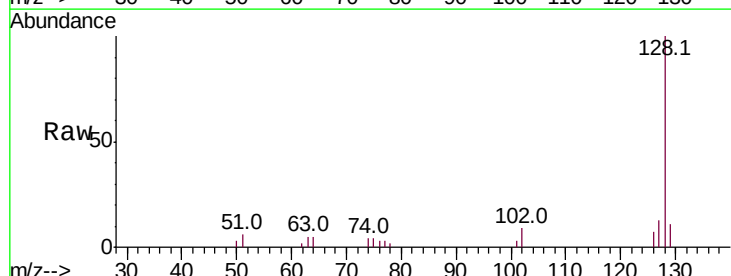


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

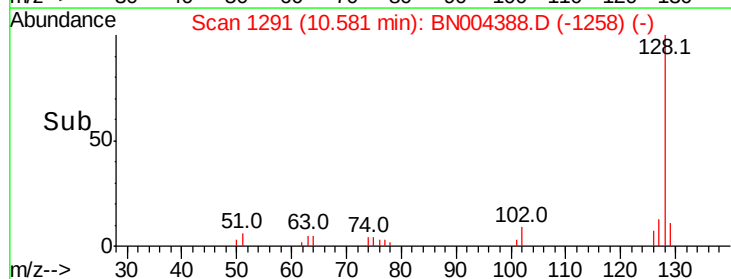
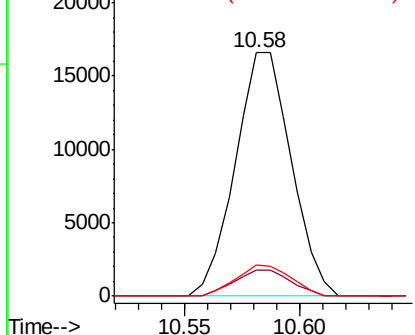


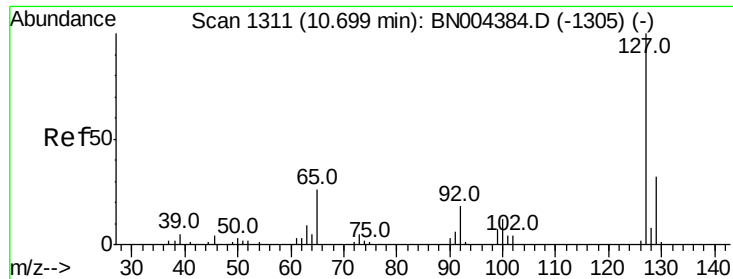
#28  
 Naphthalene  
 Concen: 4.323 ng/ul  
 RT: 10.58 min Scan# 1291  
 Delta R.T. -0.01 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Tgt Ion:128 Resp: 27981  
 Ion Ratio Lower Upper  
 128 100  
 129 10.8 8.7 13.1  
 127 12.6 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

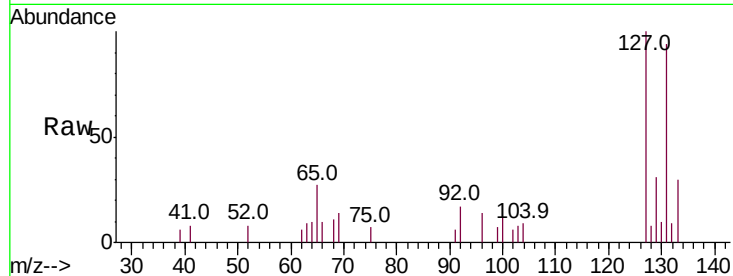




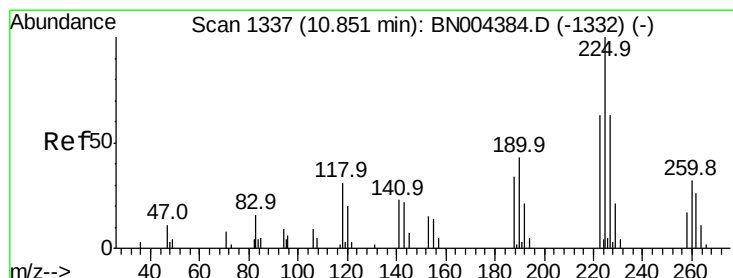
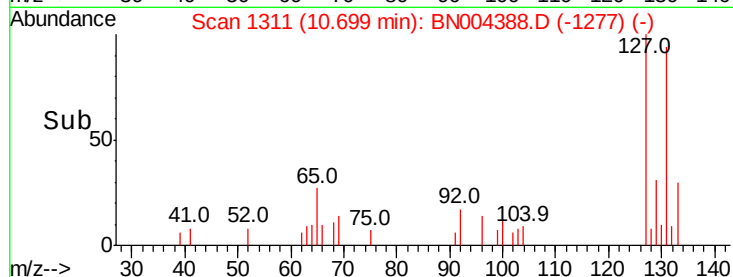
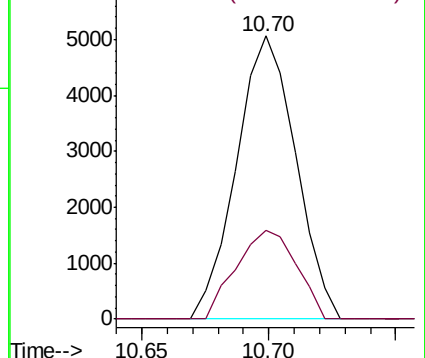
#30  
4-Chloroaniline  
Concen: 3.789 ng/ul  
RT: 10.70 min Scan# 1311  
Delta R.T. 0.00 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-W-03

Tot Ion:127 Resp: 8250  
Ion Ratio Lower Upper  
127 100  
129 31.4 26.1 39.1

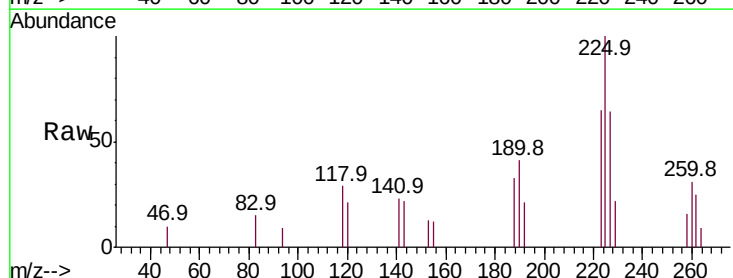


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

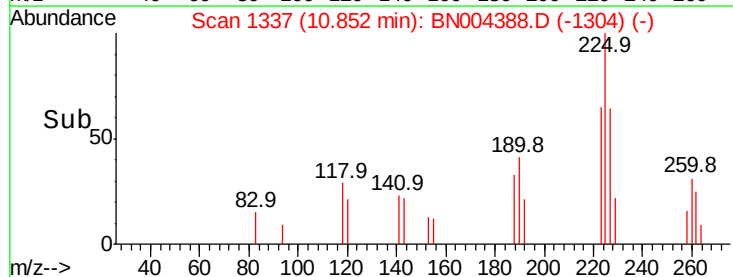
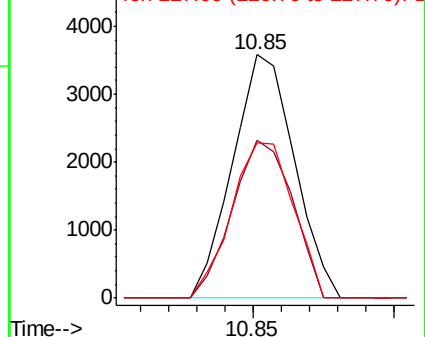


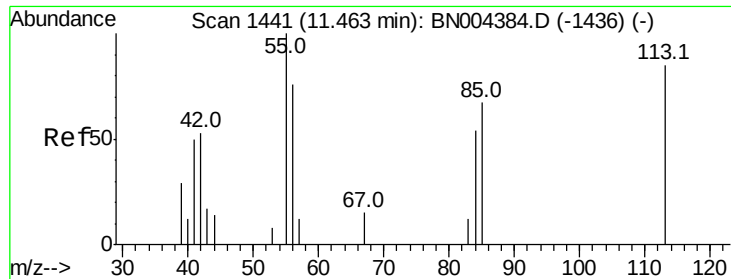
#31  
Hexachlorobutadiene  
Concen: 4.331 ng/ul  
RT: 10.85 min Scan# 1337  
Delta R.T. -0.01 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

Tgt Ion:225 Resp: 5437  
Ion Ratio Lower Upper  
225 100  
223 64.7 49.8 74.6  
227 63.8 50.2 75.2



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





#32

Caprolactam

Concen: 1.798 ng/ul

RT: 11.48 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

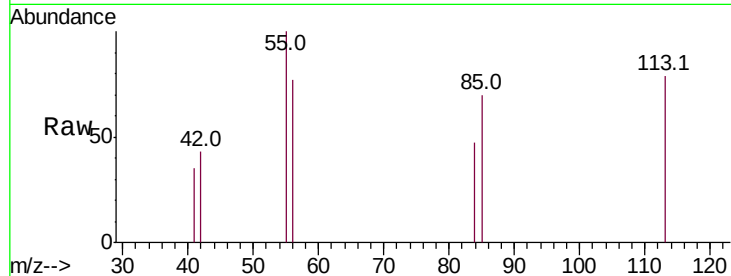
Tot Ion:113 Resp: 1179

Ion Ratio Lower Upper

113 100

55 126.7 100.7 151.1

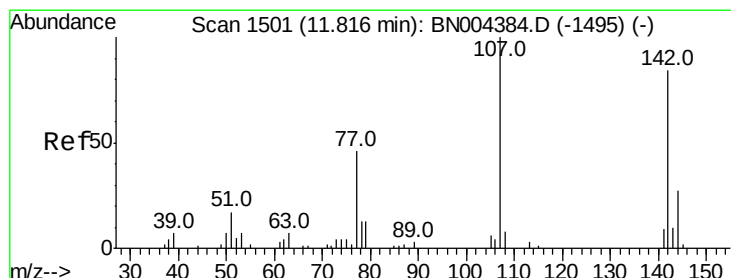
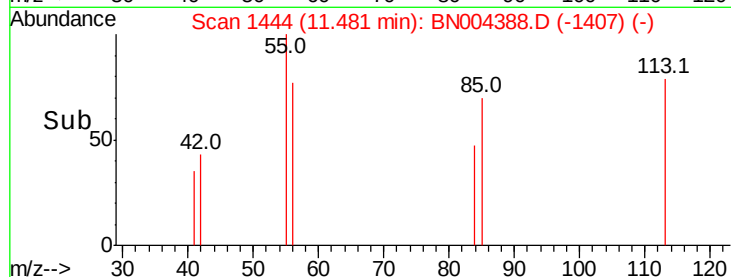
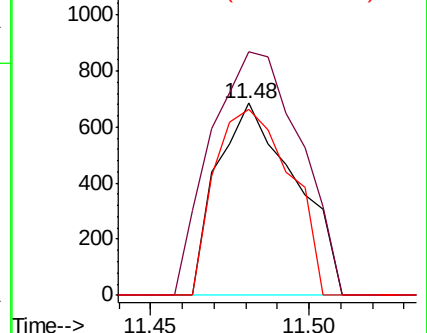
56 97.1 76.1 114.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 3.323 ng/ul

RT: 11.81 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

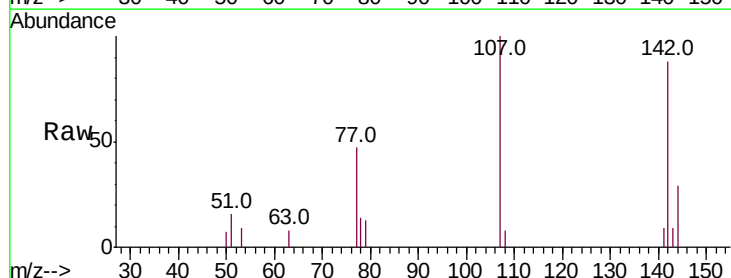
Tgt Ion:107 Resp: 6959

Ion Ratio Lower Upper

107 100

144 28.9 22.2 33.4

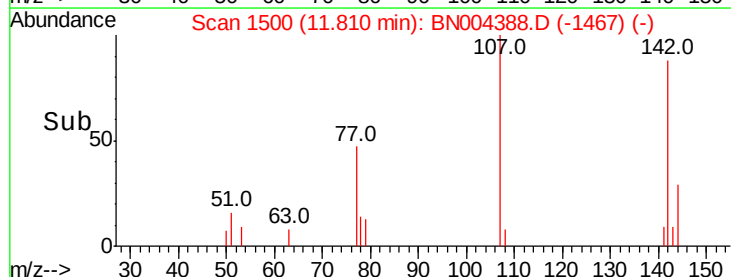
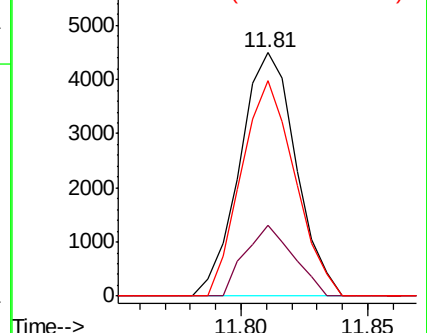
142 88.4 67.4 101.0

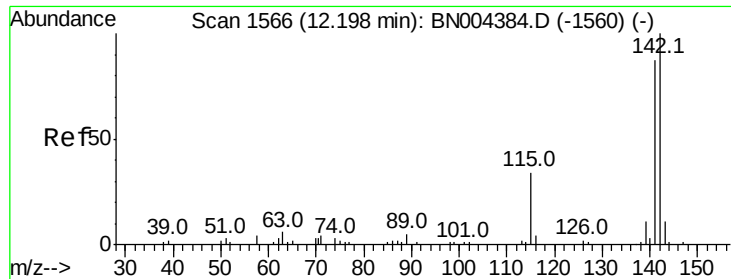


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

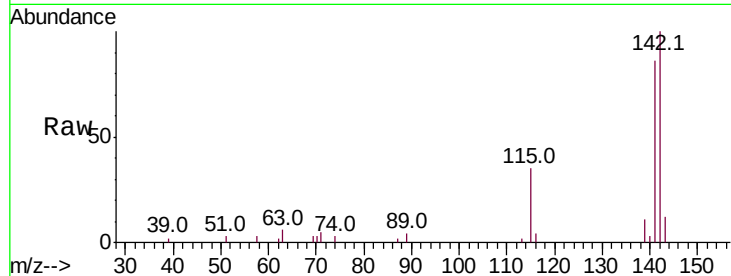




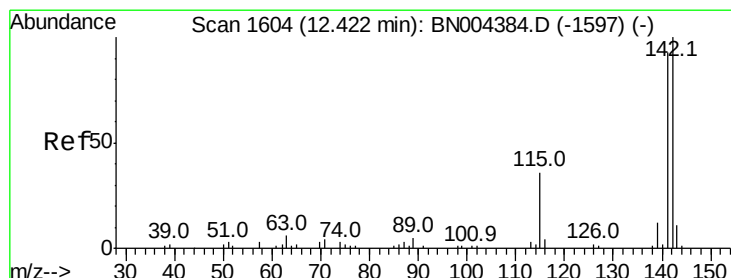
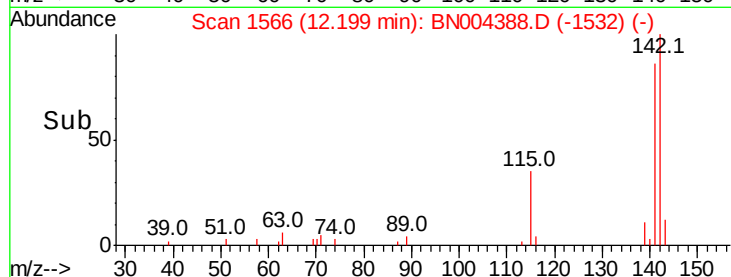
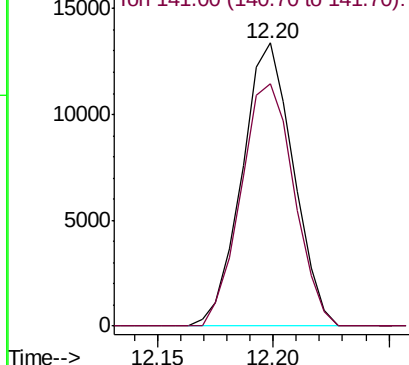
#34  
 2-Methylnaphthalene  
 Concen: 4.179 ng/ul  
 RT: 12.20 min Scan# 1566  
 Delta R.T. 0.00 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-W-03

Tot Ion:142 Resp: 20748  
 Ion Ratio Lower Upper  
 142 100  
 141 85.8 71.0 106.6

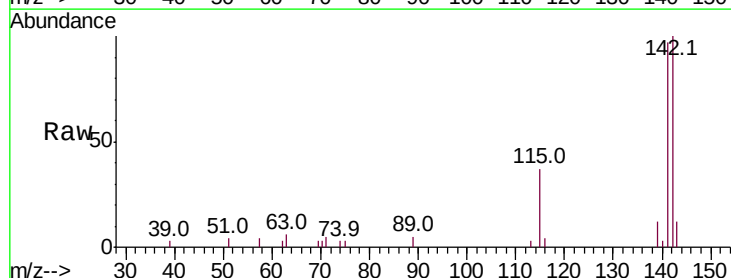


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E

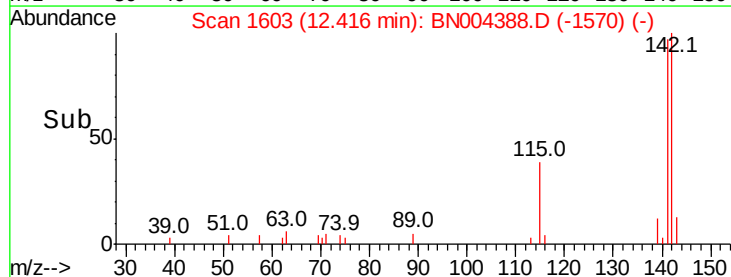
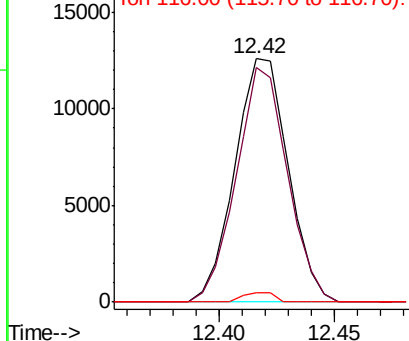


#35  
 1-Methylnaphthalene  
 Concen: 4.146 ng/ul  
 RT: 12.42 min Scan# 1603  
 Delta R.T. -0.01 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

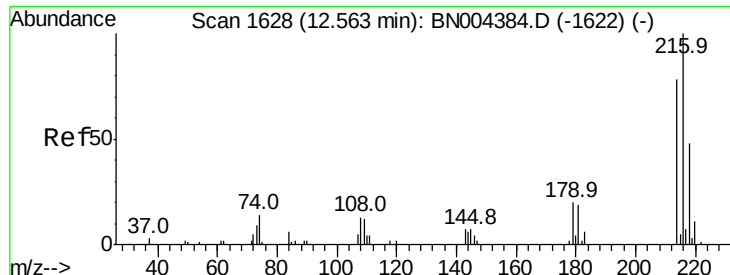
Tgt Ion:142 Resp: 20299  
 Ion Ratio Lower Upper  
 142 100  
 141 96.6 74.9 112.3  
 116 3.7 3.1 4.7



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



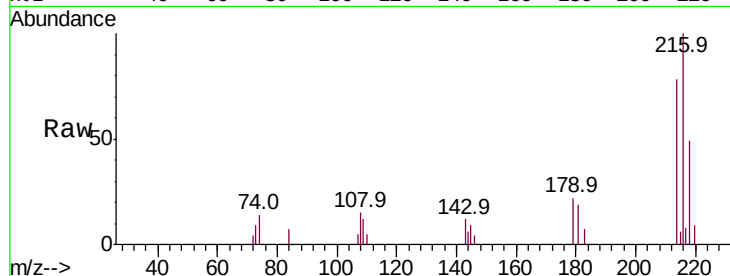




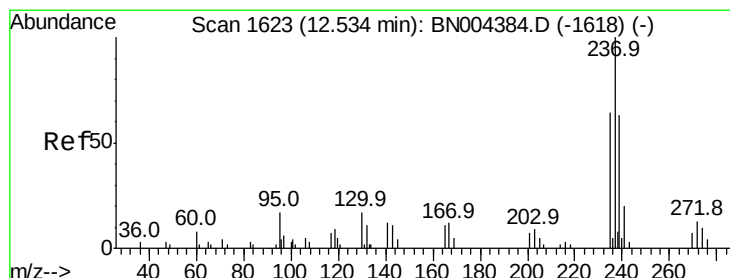
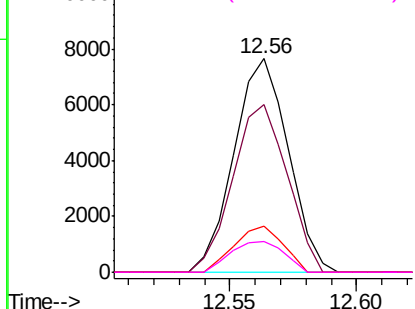
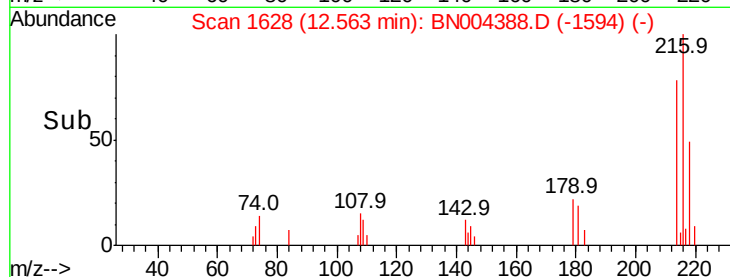
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 4.300 ng/ul  
 RT: 12.56 min Scan# 1628  
 Delta R.T. 0.00 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-W-03

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 11442 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 78.4  | 60.9  | 91.3  |
| 179      | 21.8  | 16.2  | 24.4  |
| 108      | 14.6  | 11.5  | 17.3  |

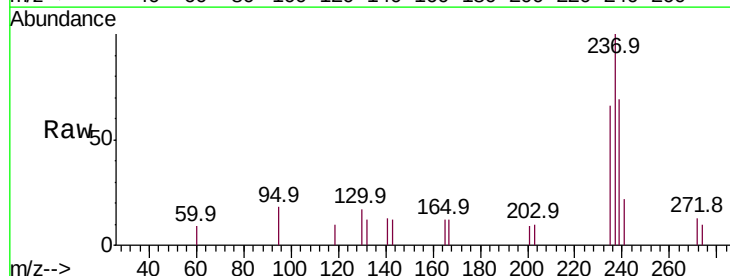


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

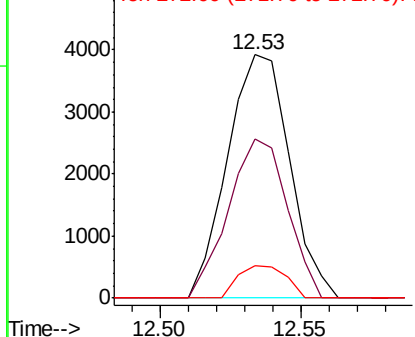
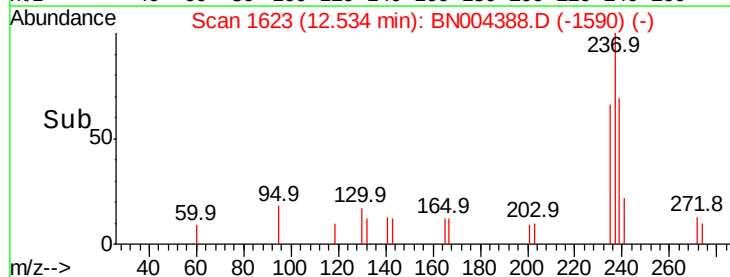


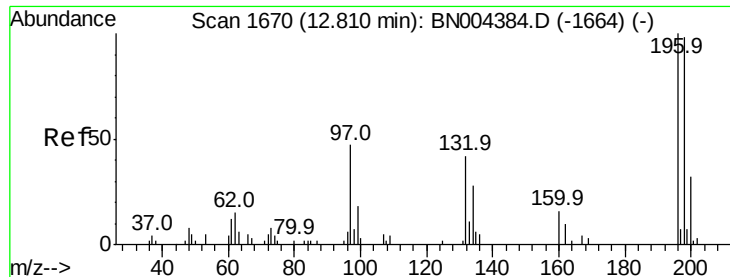
#38  
 Hexachlorocyclopentadiene  
 Concen: 3.623 ng/ul  
 RT: 12.53 min Scan# 1623  
 Delta R.T. -0.01 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 5993  |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 65.6  | 50.8  | 76.2  |
| 272      | 13.3  | 10.4  | 15.6  |



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

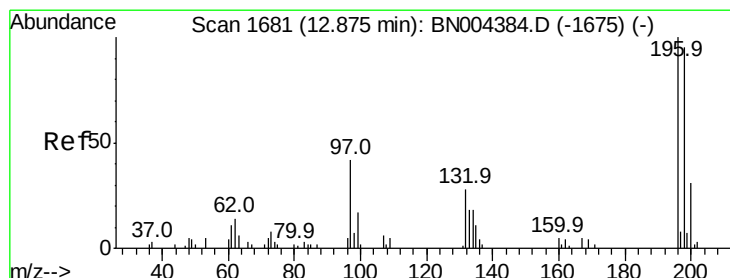
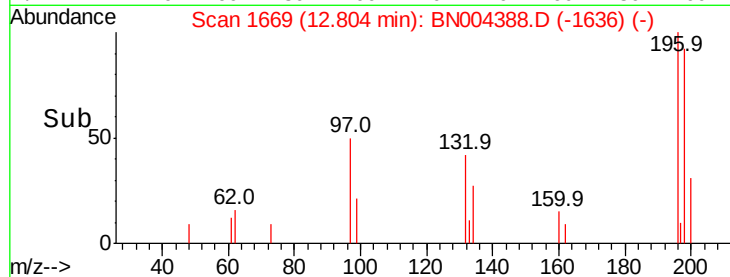
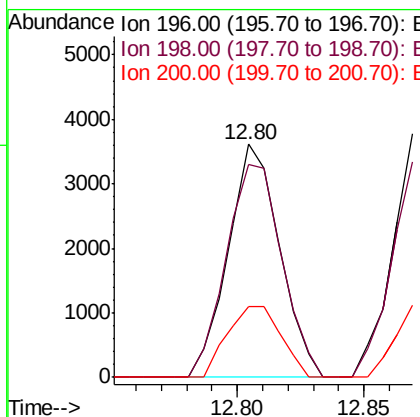
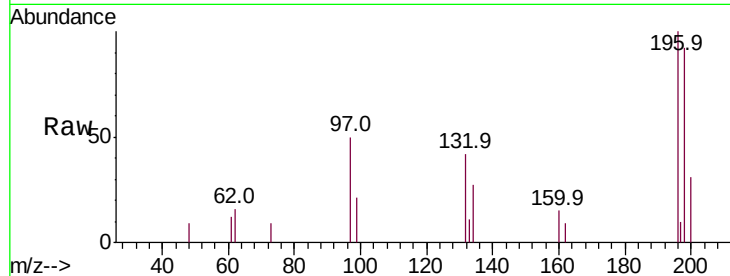




#39  
 2,4,6-Trichlorophenol  
 Concen: 3.239 ng/ul  
 RT: 12.80 min Scan# 1669  
 Delta R.T. -0.01 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

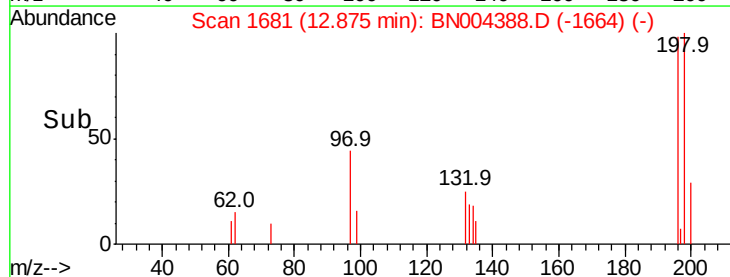
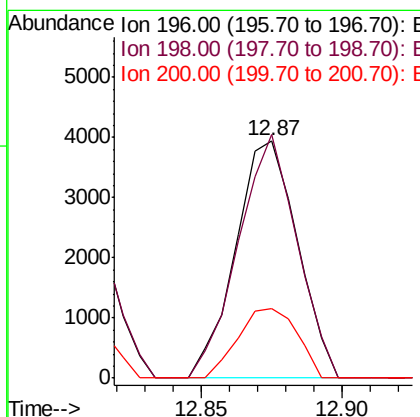
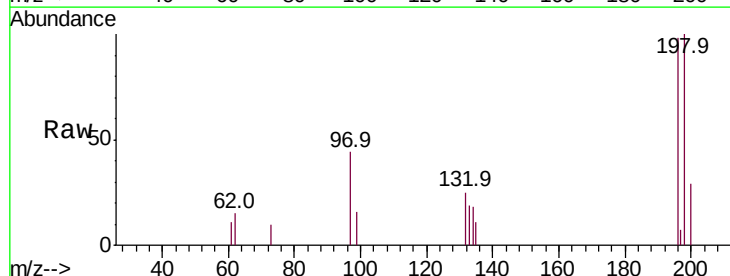
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-W-03

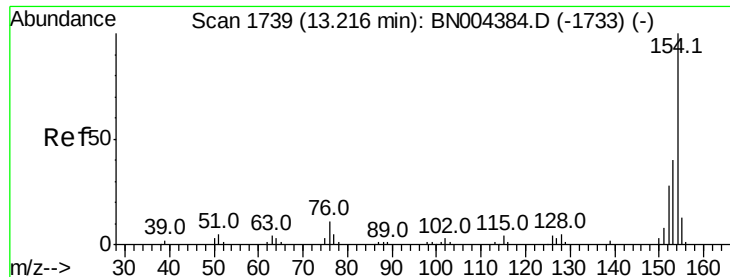
Tot Ion:196 Resp: 5092  
 Ion Ratio Lower Upper  
 196 100  
 198 91.5 76.6 115.0  
 200 30.7 24.5 36.7



#40  
 2,4,5-Trichlorophenol  
 Concen: 3.404 ng/ul  
 RT: 12.87 min Scan# 1681  
 Delta R.T. 0.00 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Tgt Ion:196 Resp: 6012  
 Ion Ratio Lower Upper  
 196 100  
 198 102.5 79.9 119.9  
 200 29.5 25.9 38.9

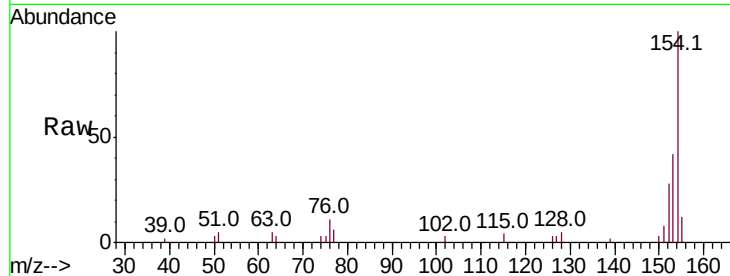




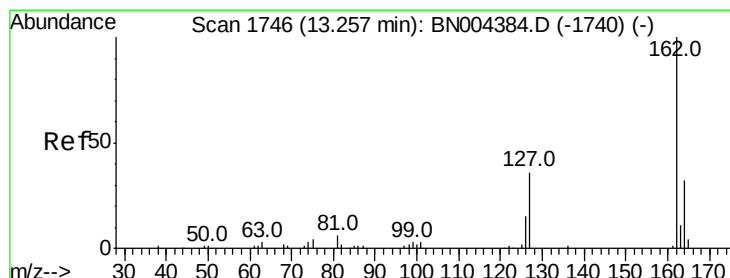
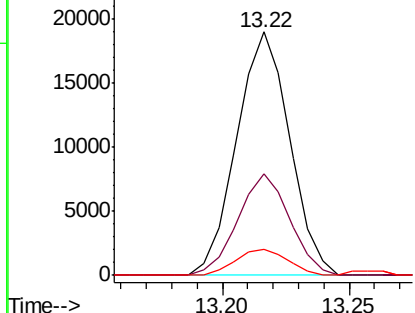
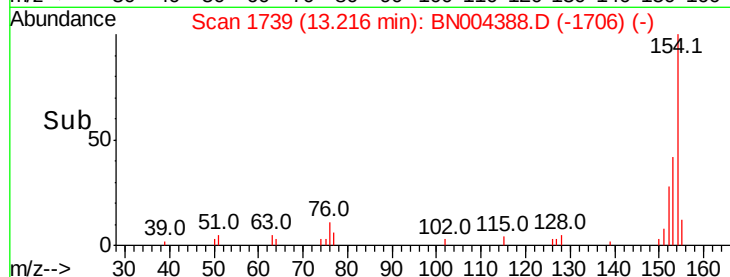
#41  
 1,1'-Biphenyl  
 Concen: 4.271 ng/ul  
 RT: 13.22 min Scan# 1739  
 Delta R.T. -0.01 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-W-03

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 154   | Resp: | 27585 |
| Ion      | Ratio | Lower | Upper |
| 154      | 100   |       |       |
| 153      | 41.8  | 32.6  | 48.8  |
| 76       | 10.7  | 9.2   | 13.8  |

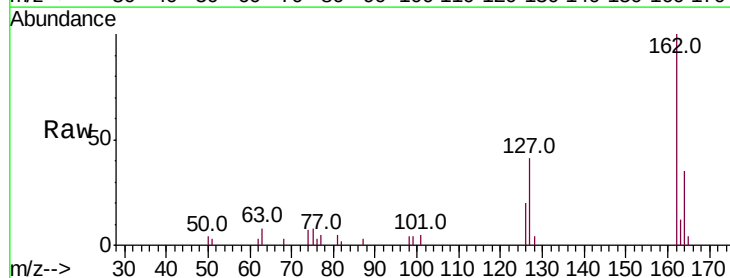


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BNO

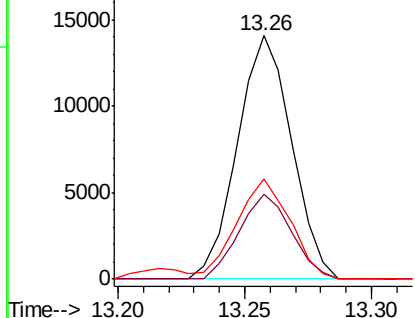
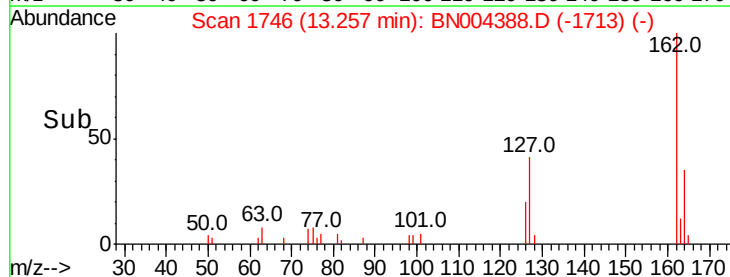


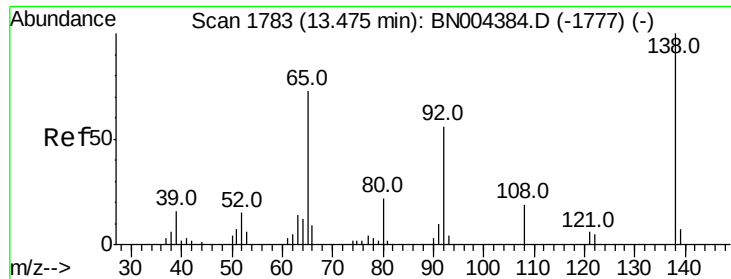
#42  
 2-Chloronaphthalene  
 Concen: 4.162 ng/ul  
 RT: 13.26 min Scan# 1746  
 Delta R.T. -0.01 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 162   | Resp: | 20907 |
| Ion      | Ratio | Lower | Upper |
| 162      | 100   |       |       |
| 164      | 34.6  | 26.4  | 39.6  |
| 127      | 41.1  | 31.8  | 47.6  |



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





#43

2-Nitroaniline

Concen: 2.879 ng/ul

RT: 13.47 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

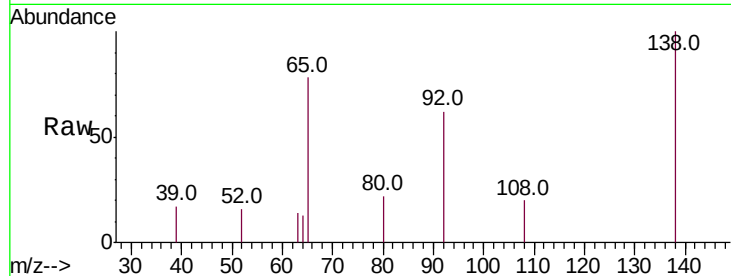
Tot Ion: 65 Resp: 2952

Ion Ratio Lower Upper

65 100

92 80.6 62.1 93.1

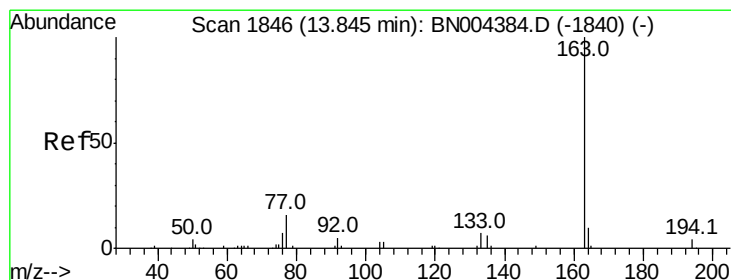
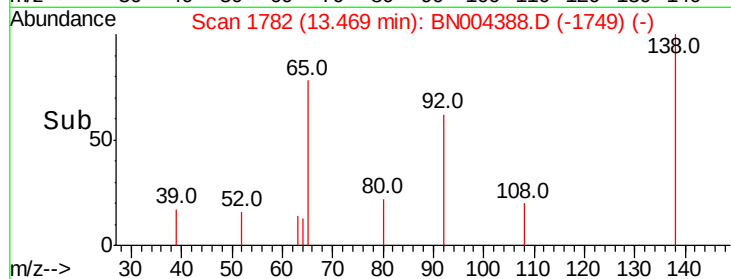
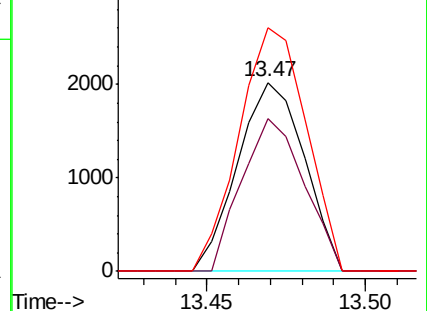
138 128.9 105.0 157.6



Abundance Ion 65.00 (64.70 to 65.70): BN004384.D (-1777) (-)

Ion 92.00 (91.70 to 92.70): BN004384.D (-1777) (-)

Ion 138.00 (137.70 to 138.70): BN004384.D (-1777) (-)



#45

Dimethylphthalate

Concen: 4.143 ng/ul

RT: 13.84 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

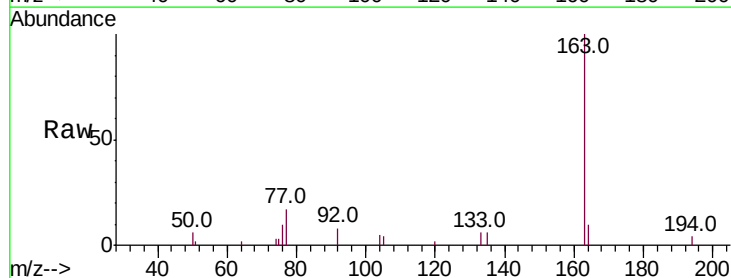
Tgt Ion: 163 Resp: 27761

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

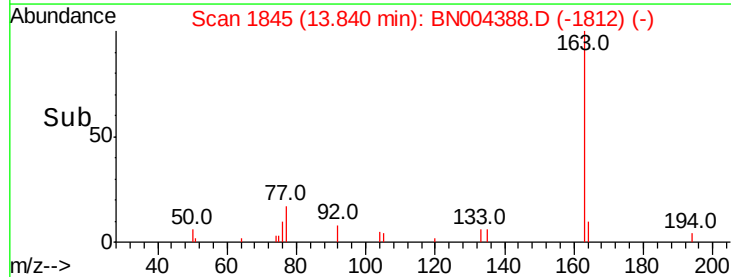
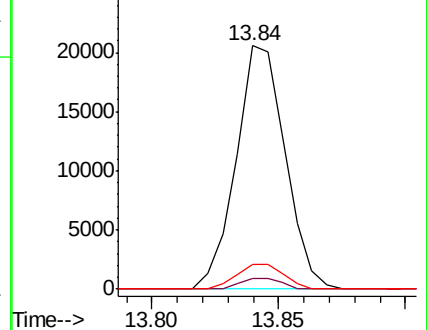
164 10.3 7.9 11.9

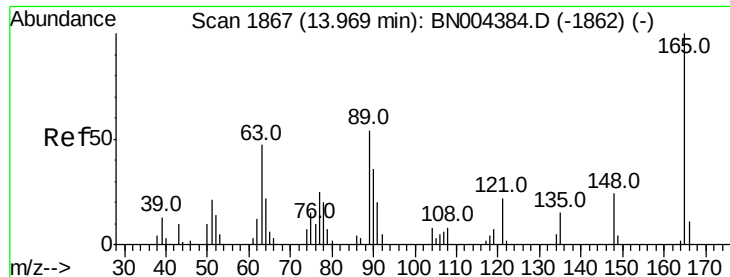


Abundance Ion 163.00 (162.70 to 163.70): BN004384.D (-1840) (-)

Ion 194.00 (193.70 to 194.70): BN004384.D (-1840) (-)

Ion 164.00 (163.70 to 164.70): BN004384.D (-1840) (-)

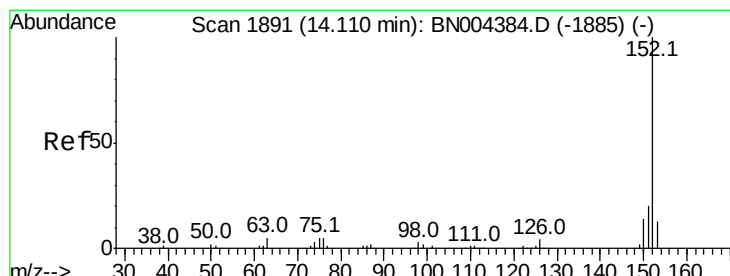
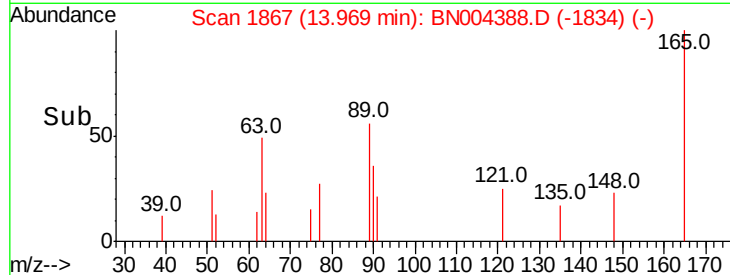
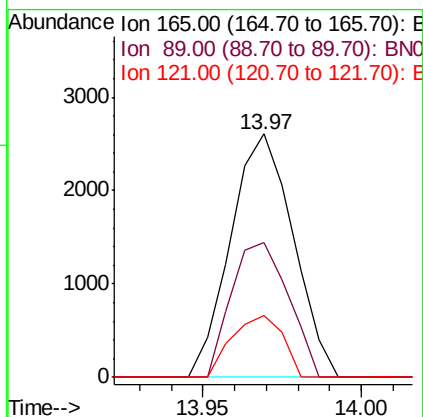
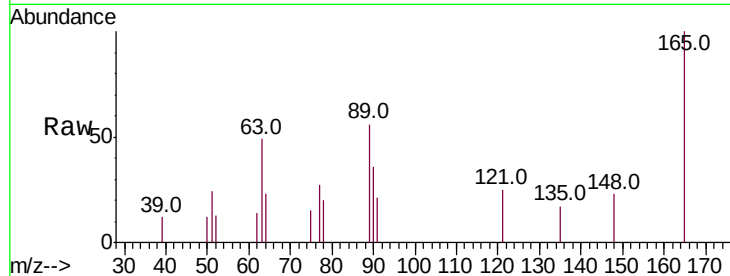




#46  
 2,6-Dinitrotoluene  
 Concen: 3.024 ng/ul  
 RT: 13.97 min Scan# 1867  
 Delta R.T. -0.01 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

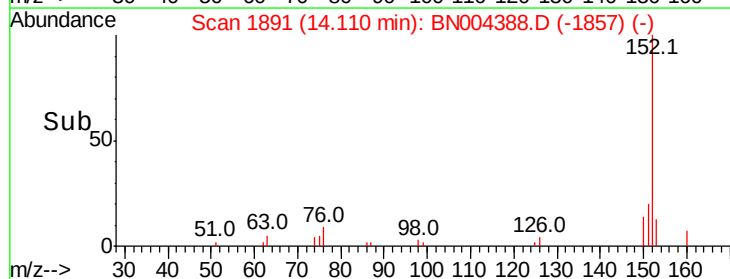
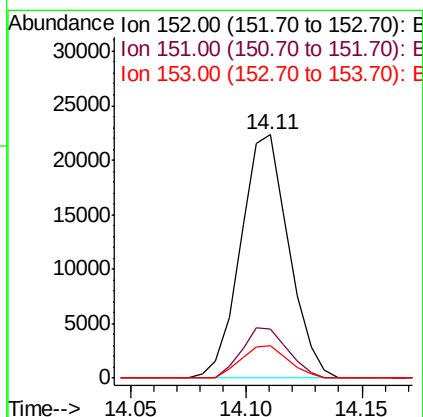
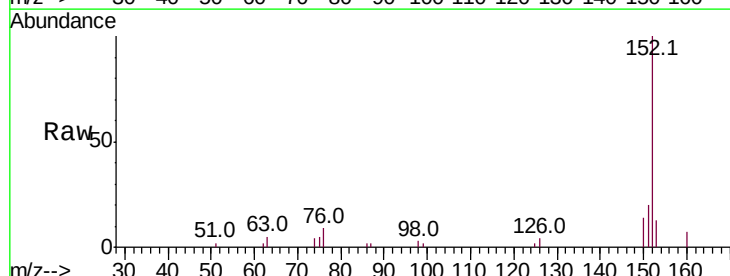
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-W-03

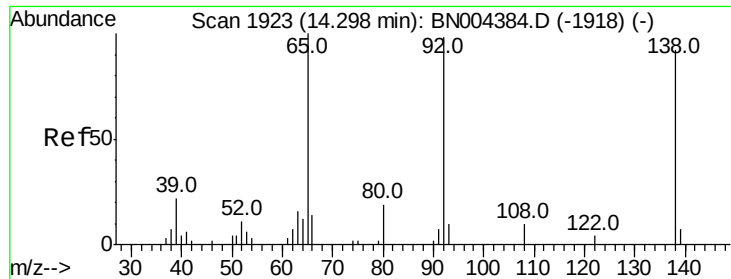
Tot Ion:165 Resp: 3573  
 Ion Ratio Lower Upper  
 165 100  
 89 55.6 42.0 63.0  
 121 25.3 17.0 25.6



#48  
 Acenaphthylene  
 Concen: 4.261 ng/ul  
 RT: 14.11 min Scan# 1891  
 Delta R.T. 0.00 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Tgt Ion:152 Resp: 32489  
 Ion Ratio Lower Upper  
 152 100  
 151 20.0 16.1 24.1  
 153 13.3 10.6 16.0





#49

3-Nitroaniline

Concen: 2.393 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

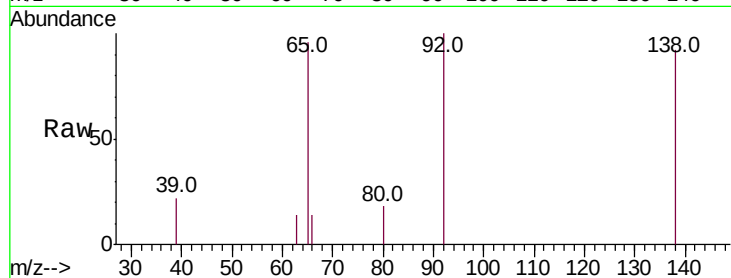
Tot Ion:138 Resp: 2885

Ion Ratio Lower Upper

138 100

108 0.0 9.0 13.4#

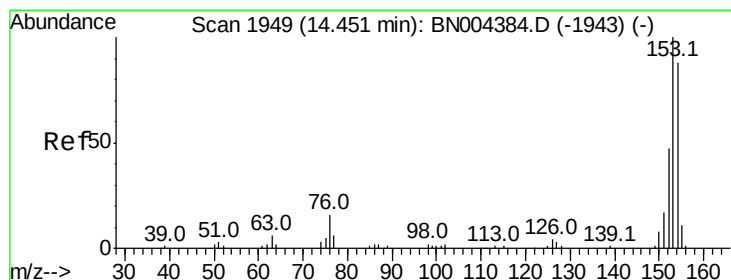
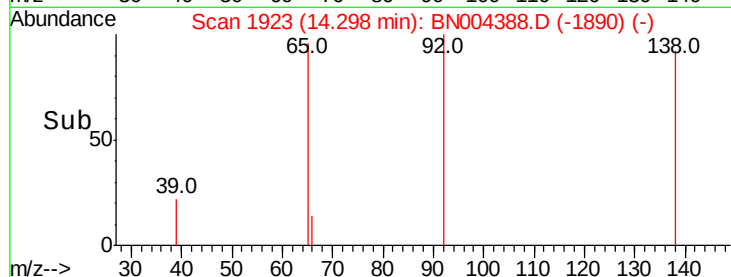
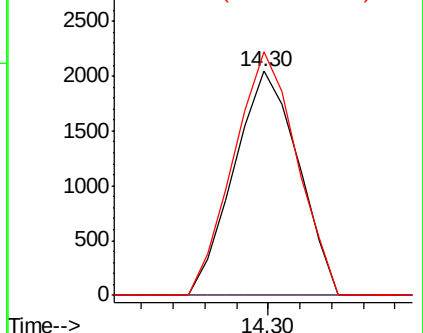
92 108.6 85.8 128.6



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



#50

Acenaphthene

Concen: 4.258 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

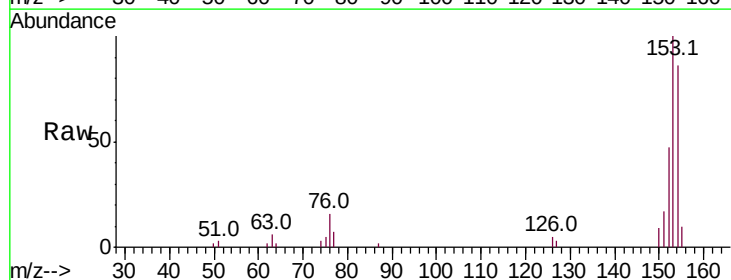
Tgt Ion:153 Resp: 23389

Ion Ratio Lower Upper

153 100

152 46.9 37.8 56.6

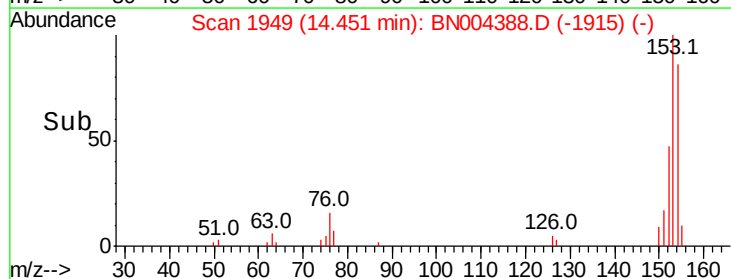
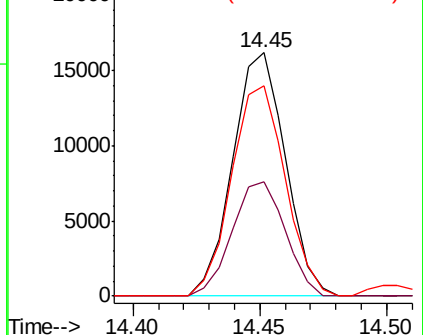
154 86.5 70.0 105.0

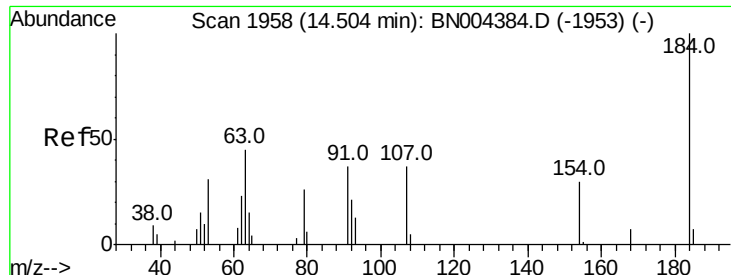


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

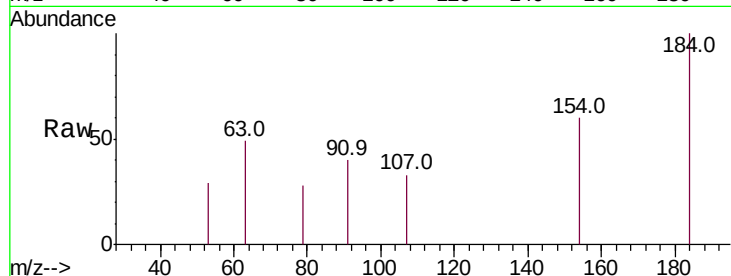




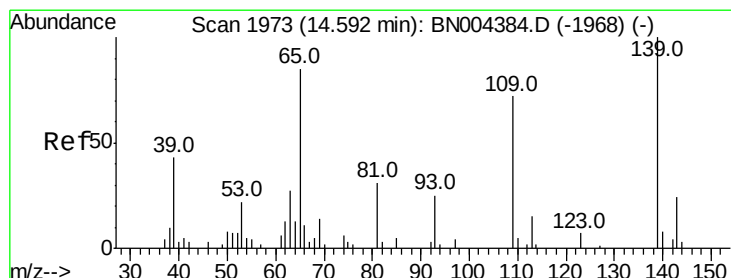
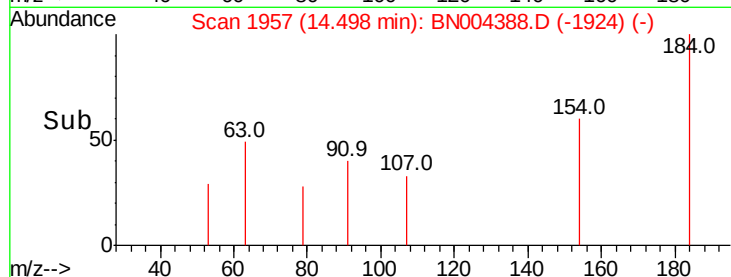
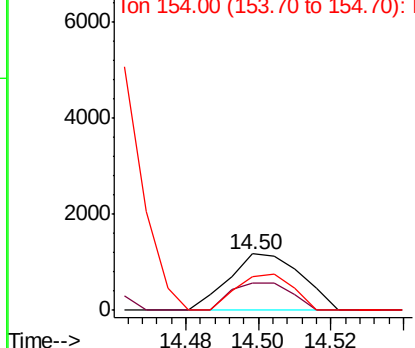
#51  
 2,4-Dinitrophenol  
 Concen: 2.234 ng/ul  
 RT: 14.50 min Scan# 1957  
 Delta R.T. -0.01 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-W-03

Tot Ion:184 Resp: 1642  
 Ion Ratio Lower Upper  
 184 100  
 63 49.1 39.1 58.7  
 154 59.5 46.2 69.4

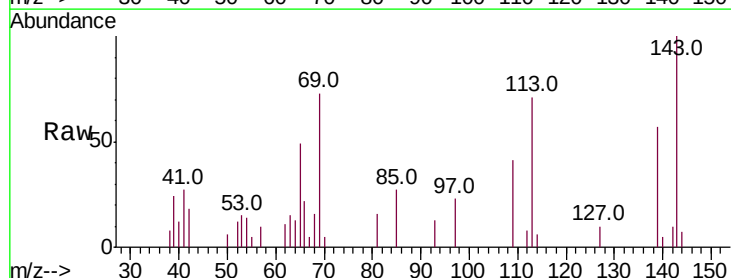


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BN  
 Ion 154.00 (153.70 to 154.70): E

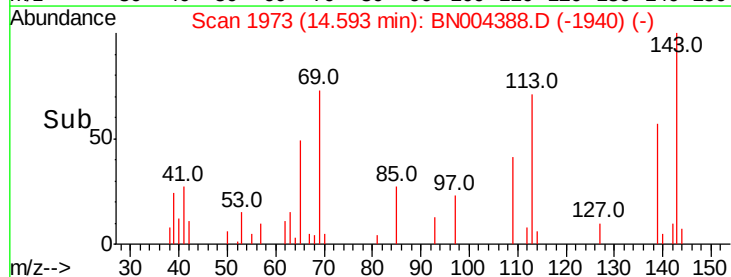
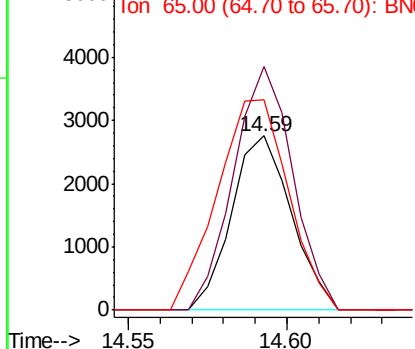


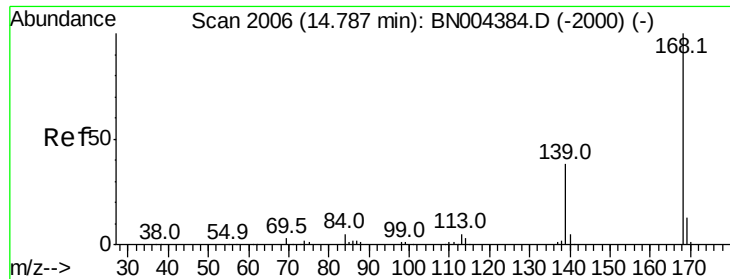
#53  
 4-Nitrophenol  
 Concen: 3.748 ng/ul  
 RT: 14.59 min Scan# 1973  
 Delta R.T. -0.01 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Tgt Ion:109 Resp: 3616  
 Ion Ratio Lower Upper  
 109 100  
 139 139.7 112.1 168.1  
 65 120.5 90.3 135.5



Abundance Ion 109.00 (108.70 to 109.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 65.00 (64.70 to 65.70): BN





#54

Dibenzenofuran

Concen: 4.307 ng/ul

RT: 14.79 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

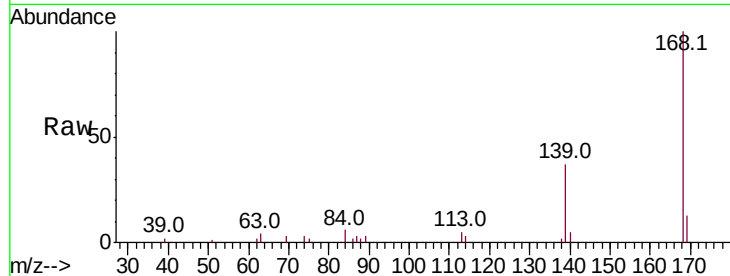
MDL-W-03

Tot Ion:168 Resp: 34224

Ion Ratio Lower Upper

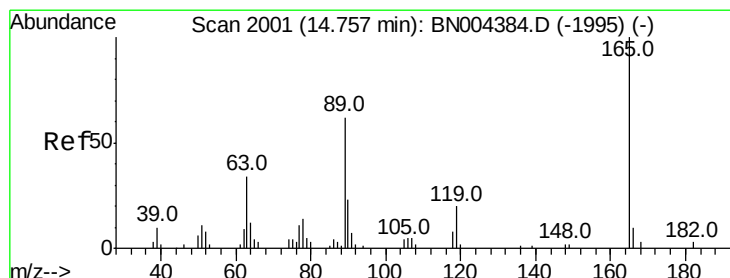
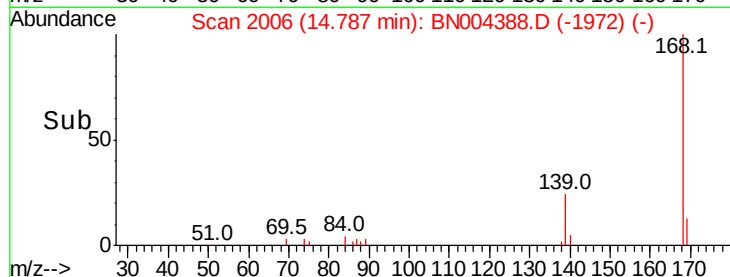
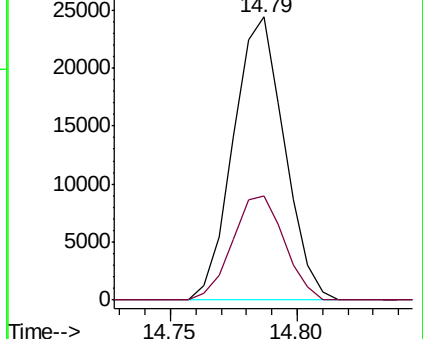
168 100

139 36.7 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 3.384 ng/ul

RT: 14.75 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

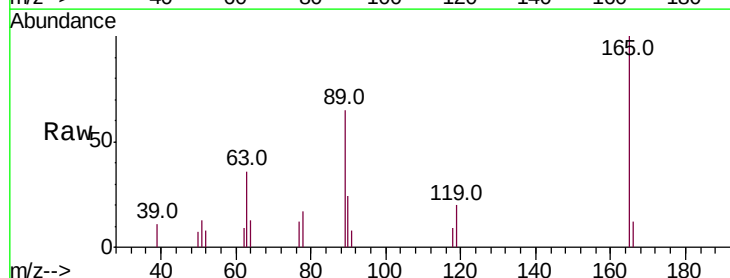
Tgt Ion:165 Resp: 6272

Ion Ratio Lower Upper

165 100

63 35.8 27.6 41.4

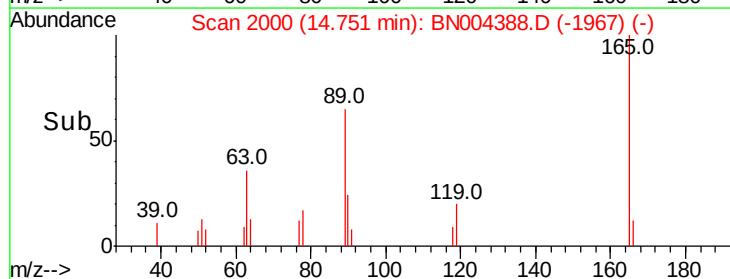
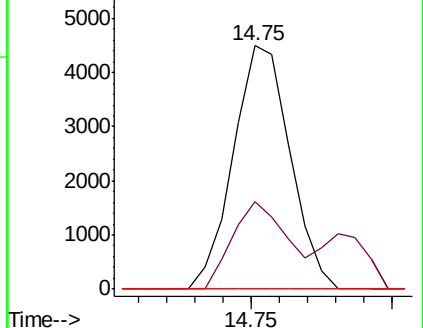
182 0.0 2.3 3.5#



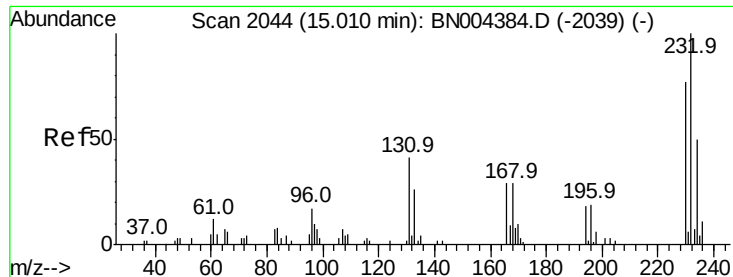
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E



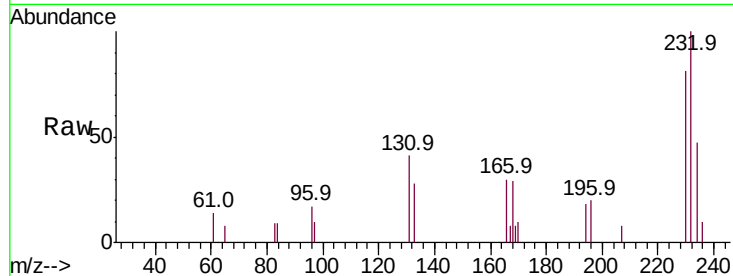




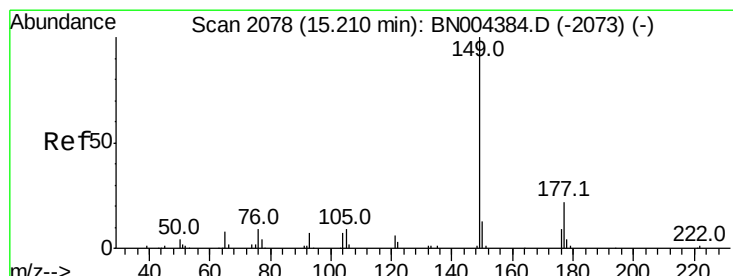
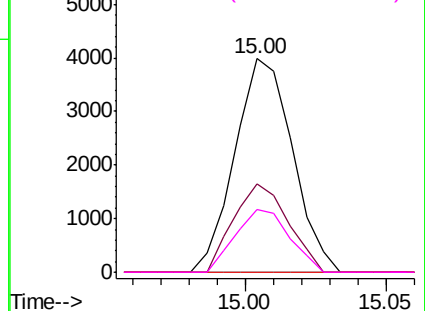
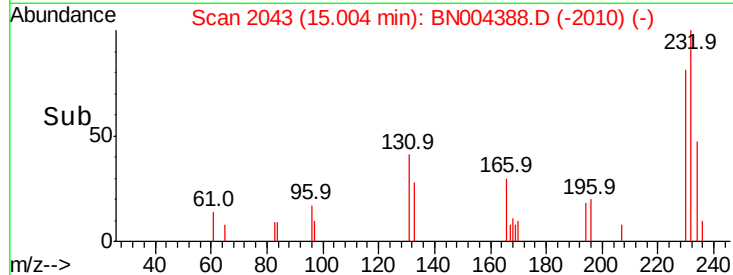
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 3.506 ng/ul  
 RT: 15.00 min Scan# 2043  
 Delta R.T. -0.01 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-W-03

Tot Ion:232 Resp: 5649  
 Ion Ratio Lower Upper  
 232 100  
 131 41.4 33.4 50.0  
 130 0.0 1.8 2.8#  
 166 29.5 23.4 35.0

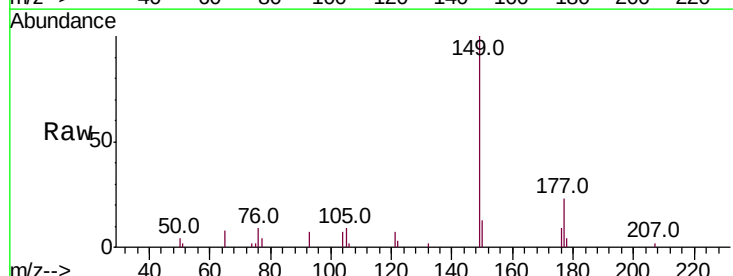


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

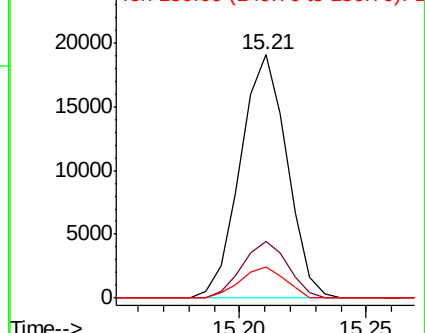
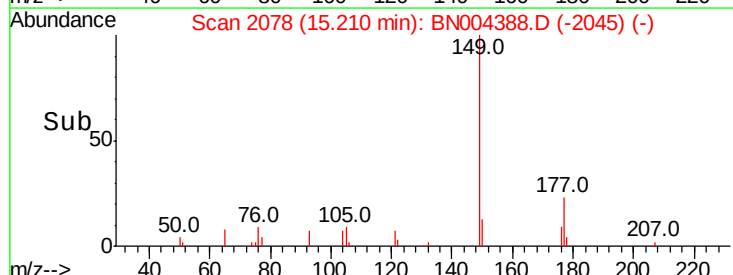


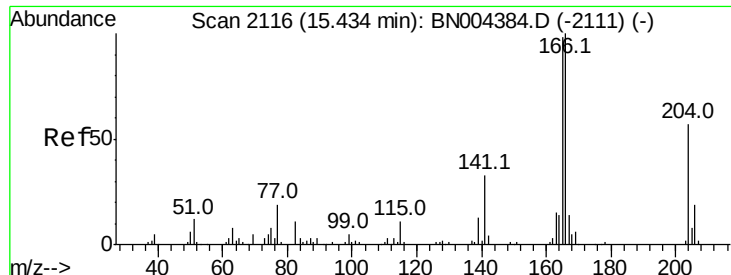
#57  
 Diethylphthalate  
 Concen: 3.702 ng/ul  
 RT: 15.21 min Scan# 2078  
 Delta R.T. -0.01 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Tgt Ion:149 Resp: 24481  
 Ion Ratio Lower Upper  
 149 100  
 177 23.3 18.0 27.0  
 150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 4.325 ng/ul

RT: 15.43 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampled :

MDL-W-03

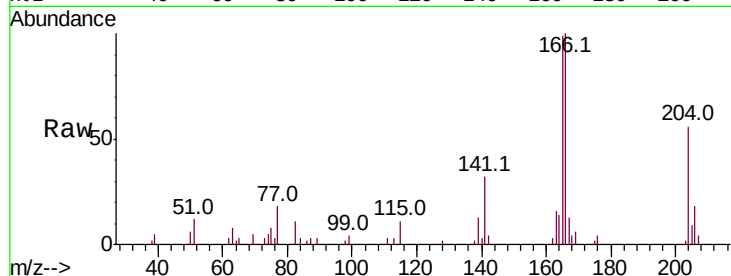
Tot Ion:166 Resp: 27847

Ion Ratio Lower Upper

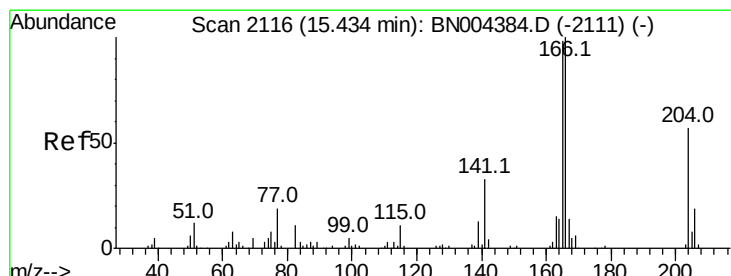
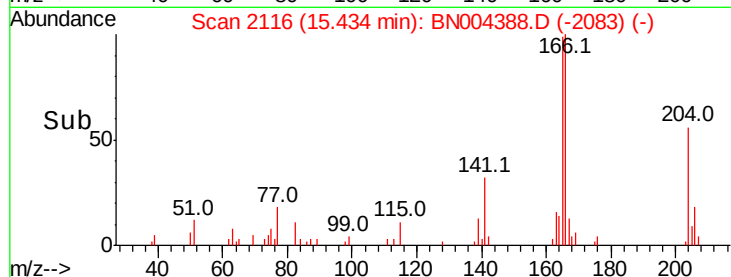
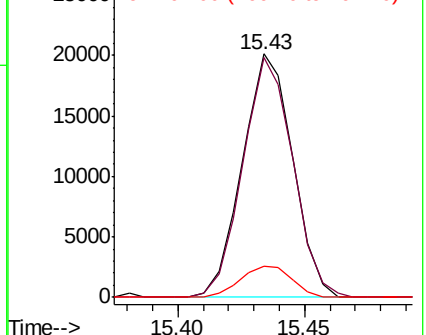
166 100

165 98.6 78.0 117.0

167 13.1 10.8 16.2



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



#60

4-Chlorophenyl-phenylether

Concen: 4.327 ng/ul

RT: 15.43 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

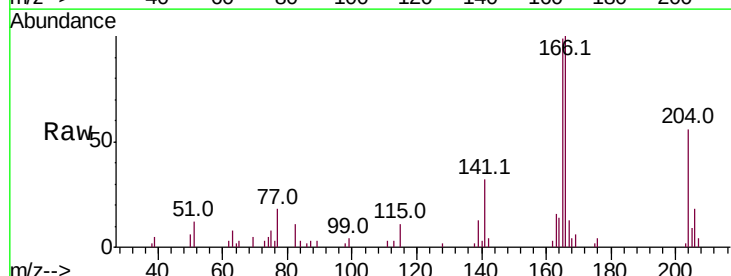
Tgt Ion:204 Resp: 14743

Ion Ratio Lower Upper

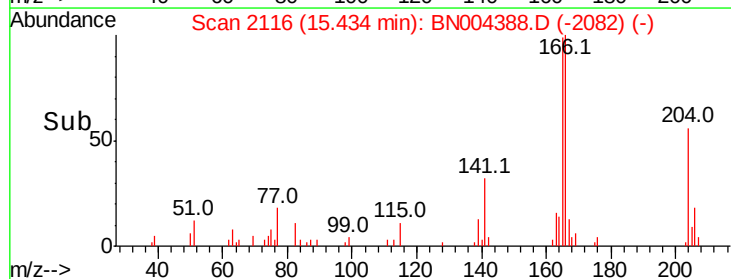
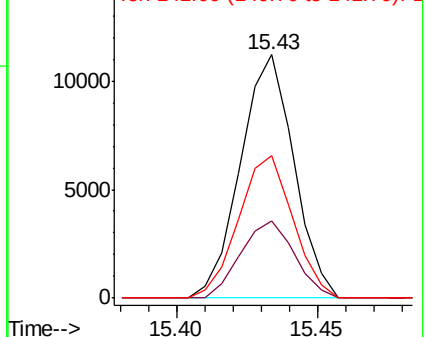
204 100

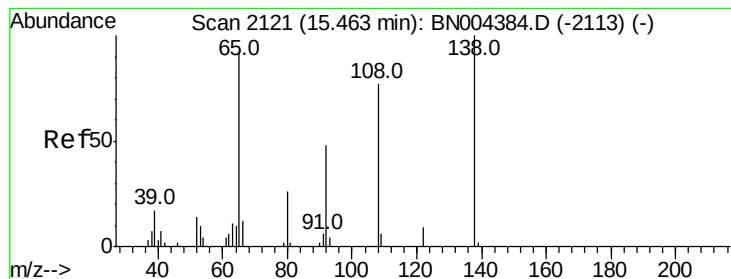
206 31.9 26.5 39.7

141 58.3 44.8 67.2



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





#61

4-Nitroaniline

Concen: 2.420 ng/ul

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

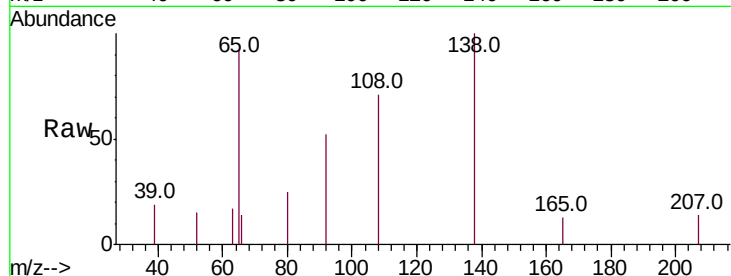
Tot Ion:138 Resp: 3797

Ion Ratio Lower Upper

138 100

92 51.9 37.8 56.8

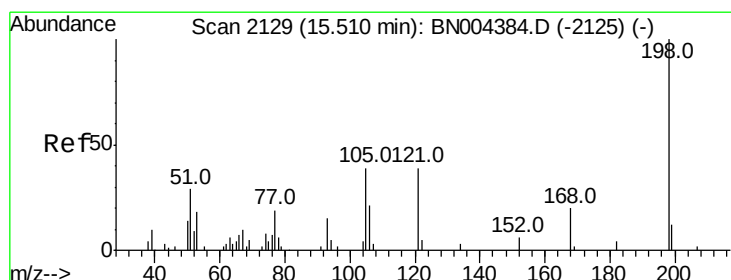
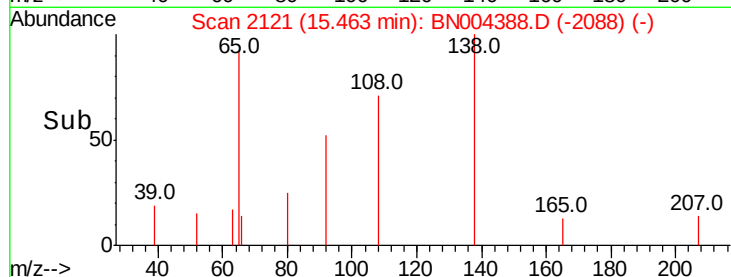
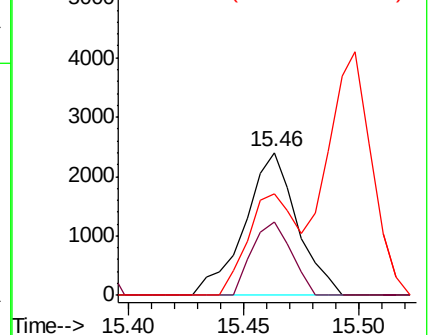
108 71.1 61.7 92.5



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



#64

4,6-Dinitro-2-methylphenol

Concen: 3.498 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

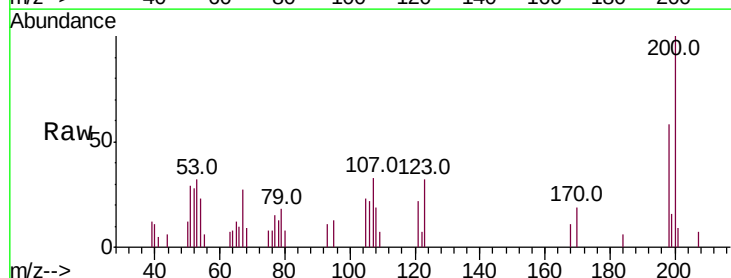
Tgt Ion:198 Resp: 4226

Ion Ratio Lower Upper

198 100

182 0.0 3.3 4.9#

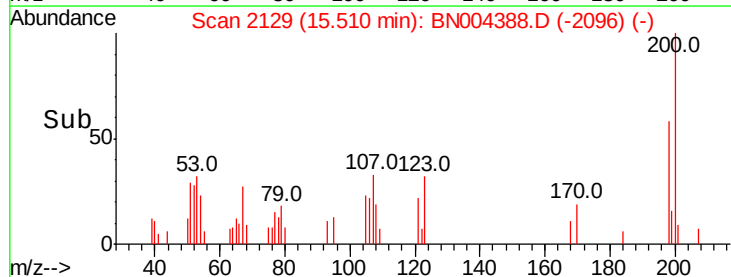
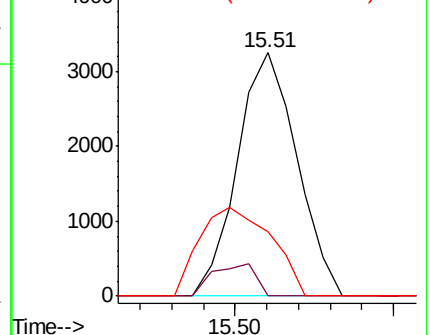
77 26.7 16.2 24.4#

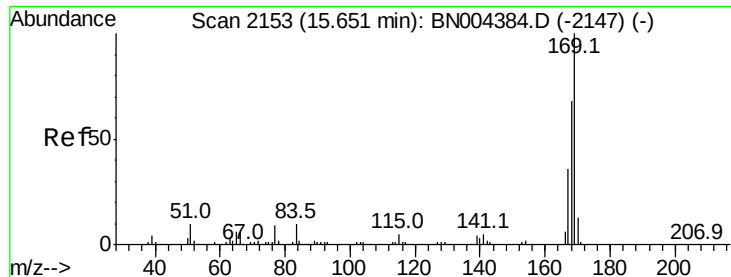


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNO

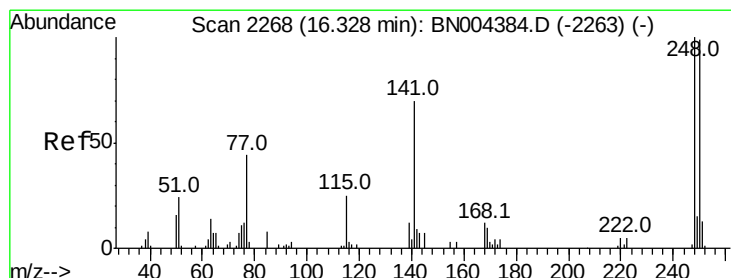
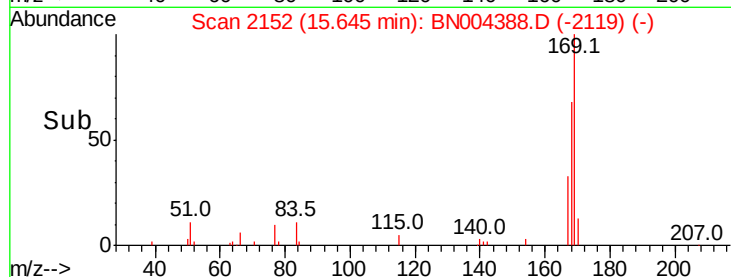
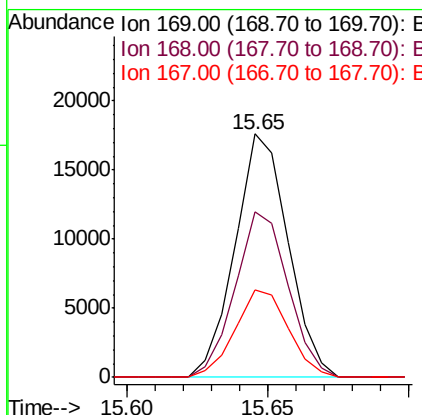
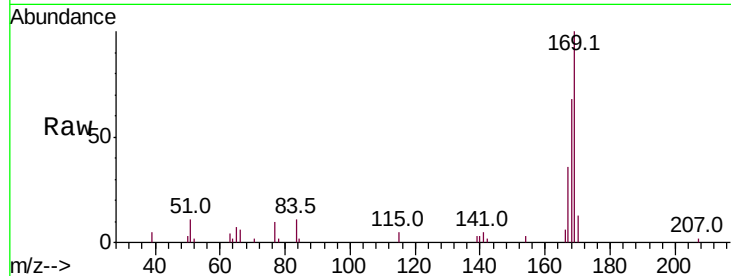




#65  
N-Nitrosodiphenylamine  
Concen: 4.065 ng/ul  
RT: 15.65 min Scan# 2152  
Delta R.T. -0.01 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

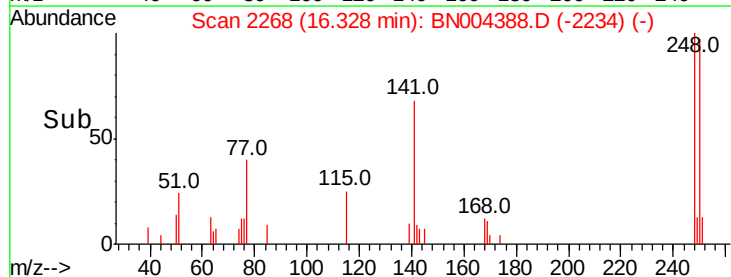
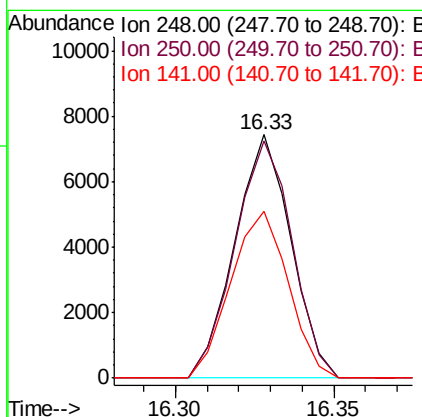
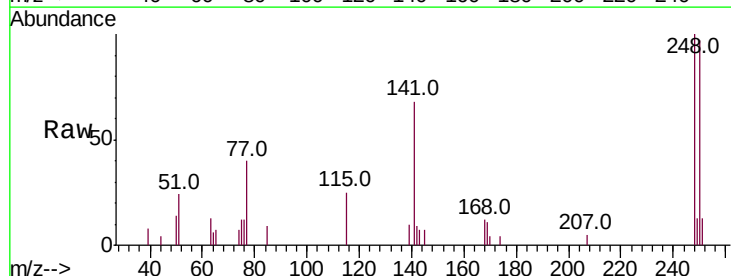
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-W-03

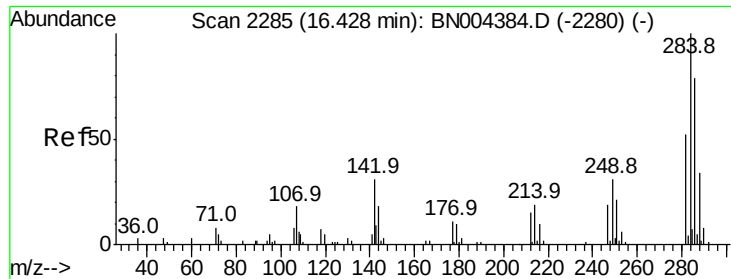
Tot Ion:169 Resp: 22941  
Ion Ratio Lower Upper  
169 100  
168 67.8 53.8 80.6  
167 35.9 29.0 43.4



#66  
4-Bromophenyl-phenylether  
Concen: 4.144 ng/ul  
RT: 16.33 min Scan# 2268  
Delta R.T. 0.00 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

Tgt Ion:248 Resp: 9126  
Ion Ratio Lower Upper  
248 100  
250 97.4 77.9 116.9  
141 68.4 55.1 82.7

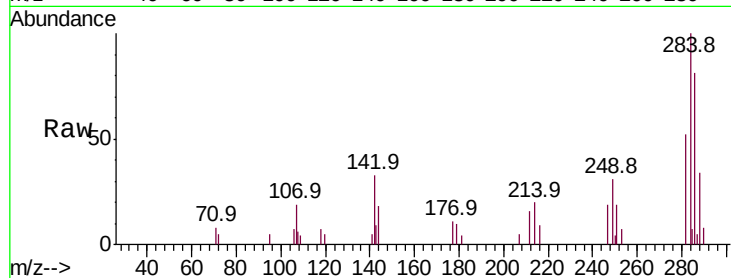




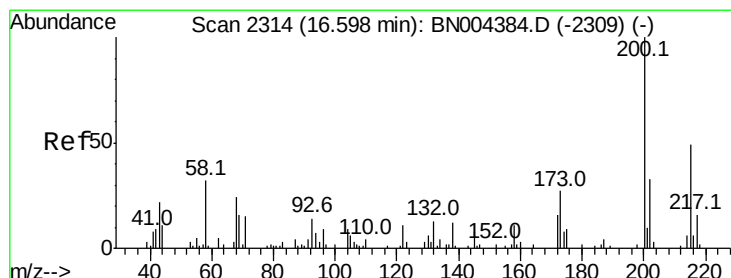
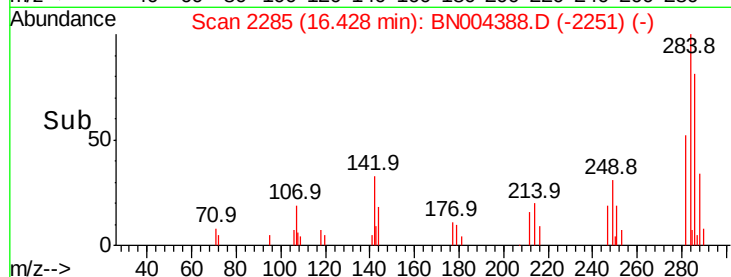
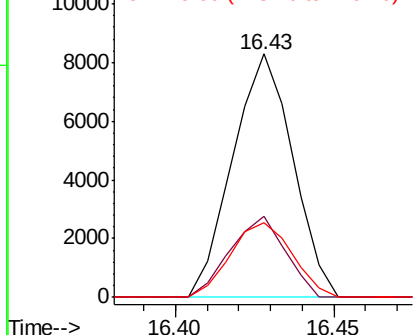
#67  
Hexachlorobenzene  
Concen: 4.229 ng/ul  
RT: 16.43 min Scan# 2285  
Delta R.T. 0.00 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-W-03

Tot Ion:284 Resp: 10908  
Ion Ratio Lower Upper  
284 100  
142 33.2 24.5 36.7  
249 30.6 25.0 37.6

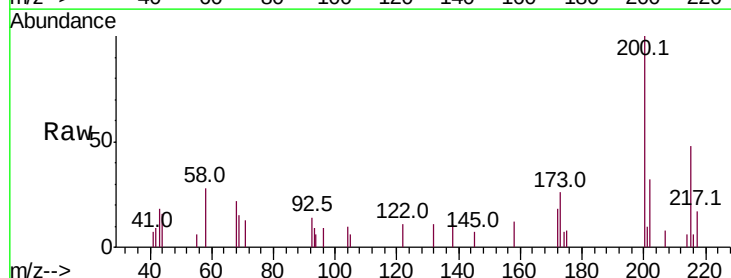


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

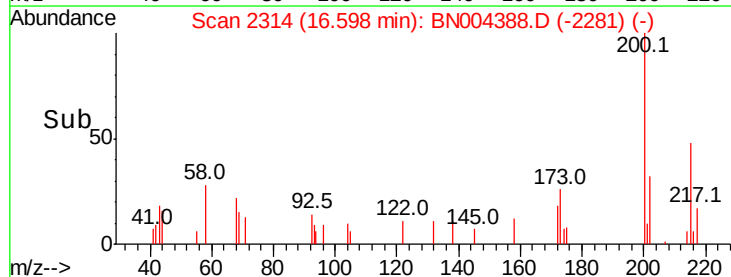
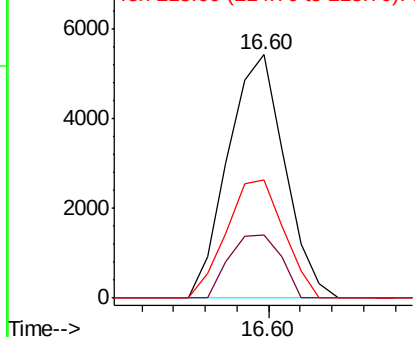


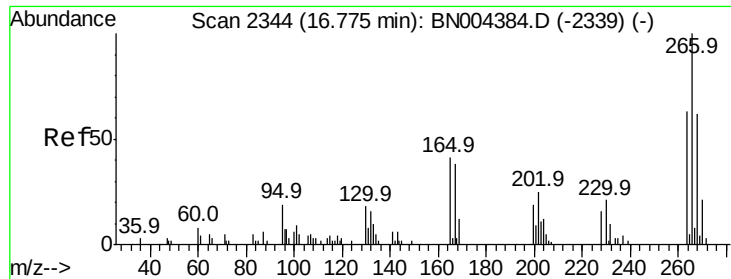
#68  
Atrazine  
Concen: 3.089 ng/ul  
RT: 16.60 min Scan# 2314  
Delta R.T. -0.01 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

Tgt Ion:200 Resp: 6716  
Ion Ratio Lower Upper  
200 100  
173 25.8 20.1 30.1  
215 48.3 39.1 58.7



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

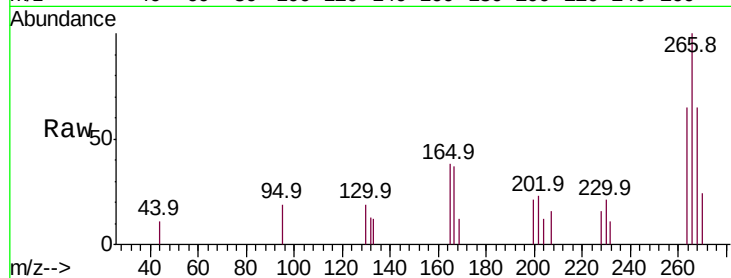




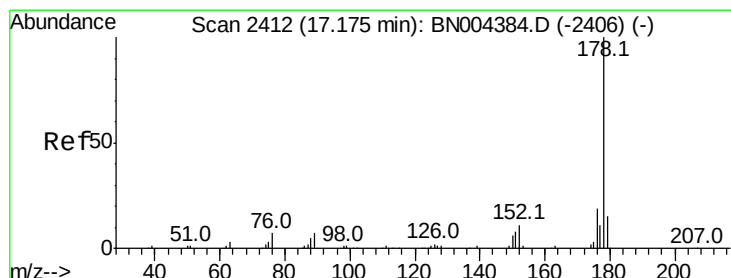
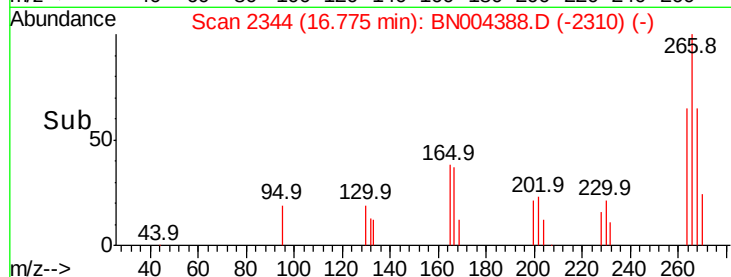
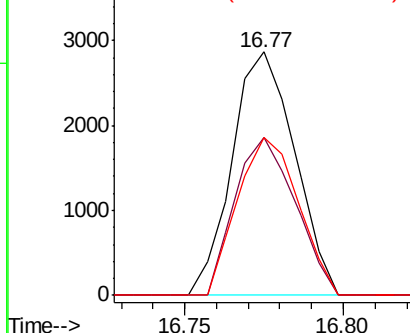
#69  
 Pentachlorophenol  
 Concen: 2.619 ng/ul  
 RT: 16.77 min Scan# 2344  
 Delta R.T. 0.00 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-W-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 64.9  | 50.3  | 75.5  |
| 268     | 64.7  | 49.6  | 74.4  |

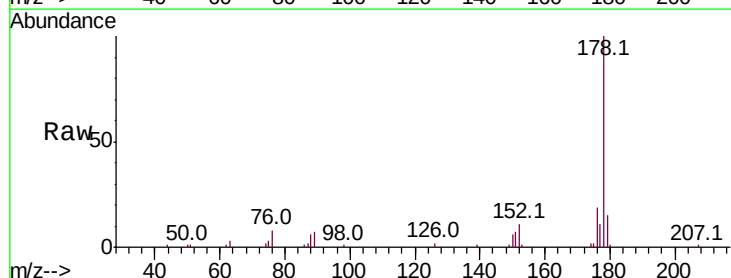


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

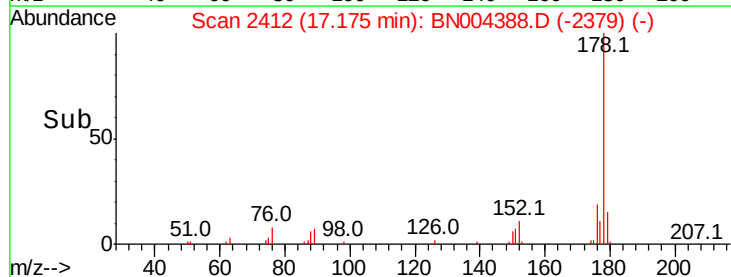
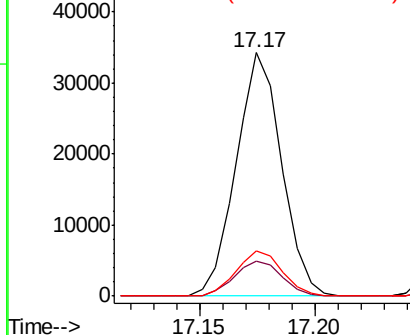


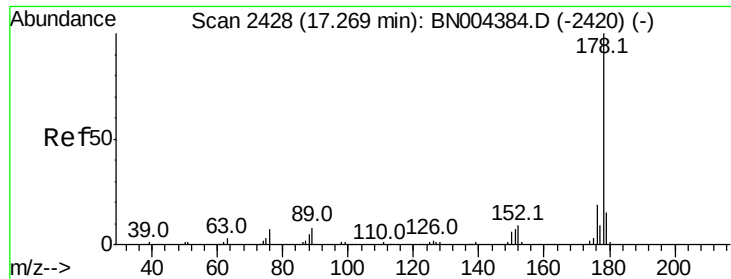
#70  
 Phenanthrene  
 Concen: 4.292 ng/ul  
 RT: 17.17 min Scan# 2412  
 Delta R.T. -0.01 min  
 Lab File: BN004388.D  
 Acq: 13 Feb 2019 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.6  | 12.3  | 18.5  |
| 176     | 18.5  | 15.4  | 23.0  |



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





#72

Anthracene

Concen: 4.316 ng/uL

RT: 17.27 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

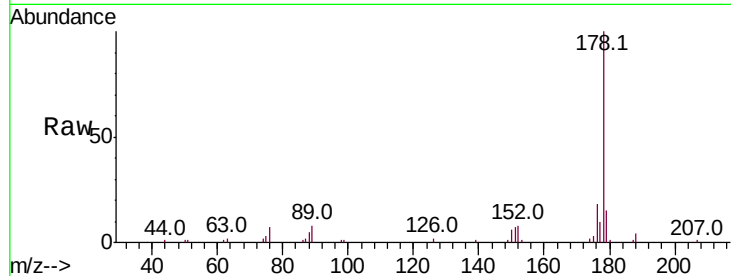
Tot Ion:178 Resp: 47520

Ion Ratio Lower Upper

178 100

179 14.7 12.2 18.4

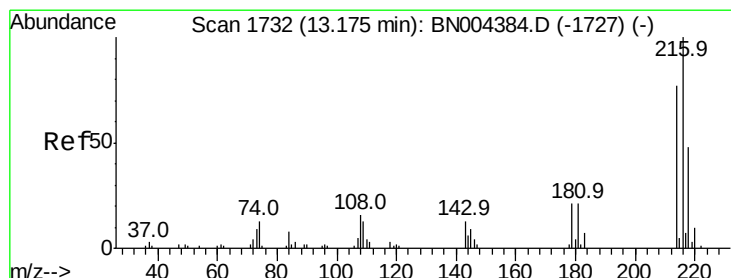
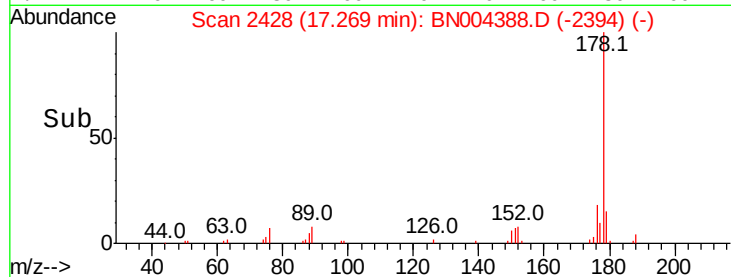
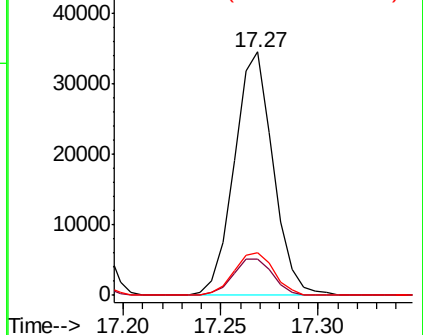
176 17.7 14.9 22.3



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 4.374 ng/uL

RT: 13.17 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

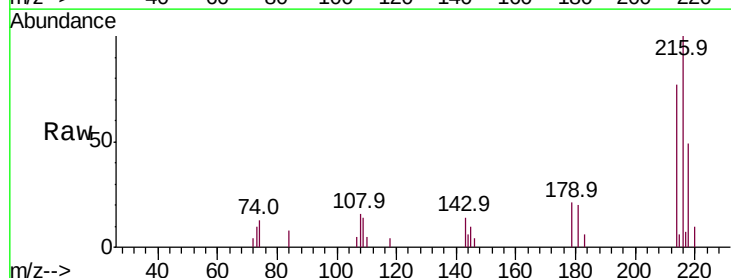
Tgt Ion:216 Resp: 11824

Ion Ratio Lower Upper

216 100

214 76.8 61.9 92.9

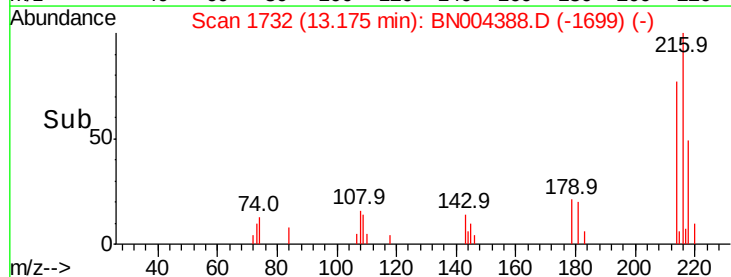
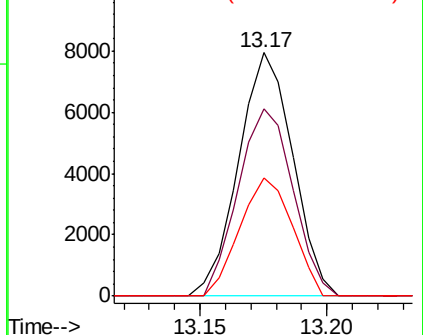
218 48.6 38.7 58.1

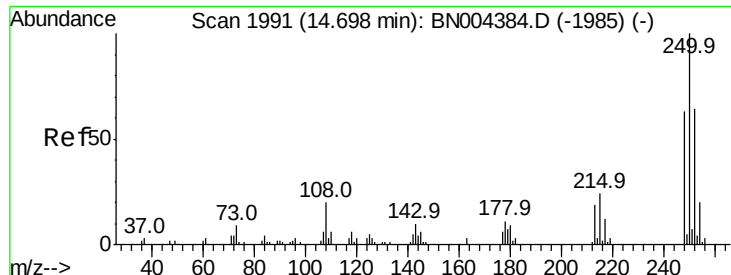


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 4.380 ng/uL

RT: 14.70 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

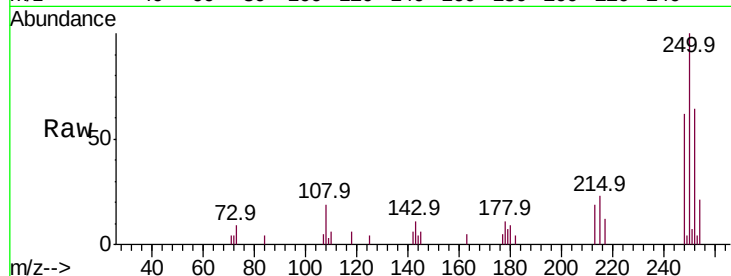
Tot Ion:250 Resp: 12655

Ion Ratio Lower Upper

250 100

248 62.1 51.5 77.3

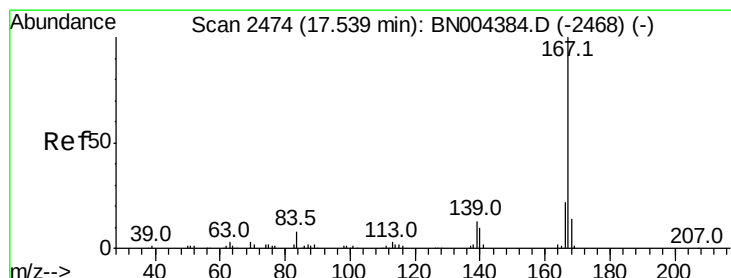
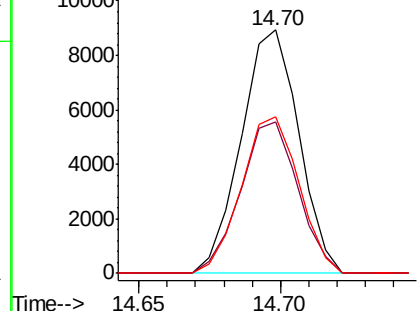
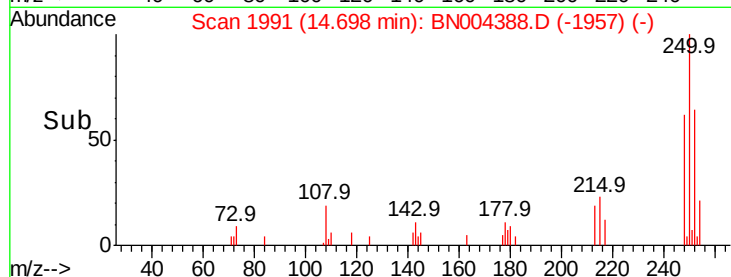
252 64.5 50.4 75.6



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



#75

Carbazole

Concen: 3.893 ng/uL

RT: 17.54 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

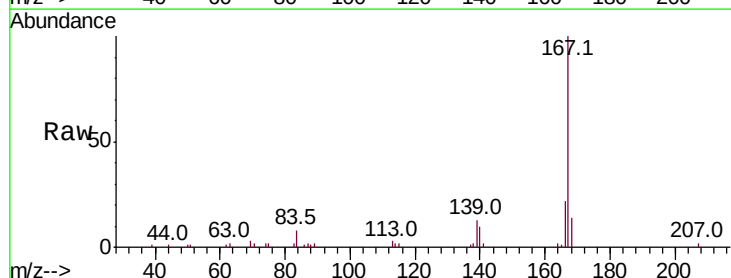
Tgt Ion:167 Resp: 38291

Ion Ratio Lower Upper

167 100

166 22.1 17.5 26.3

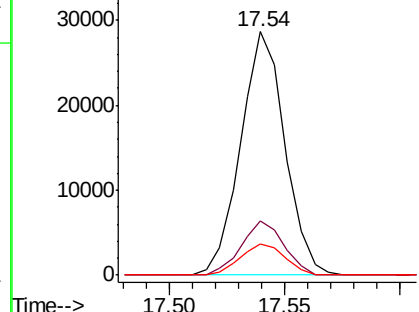
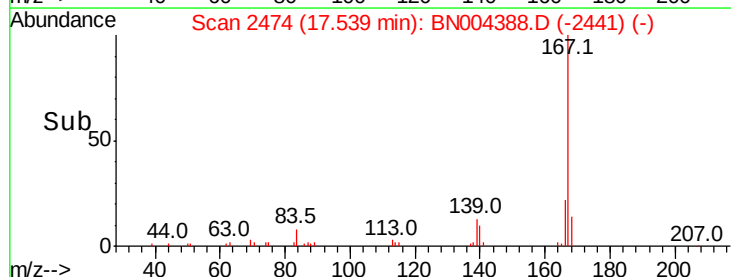
139 12.6 10.4 15.6



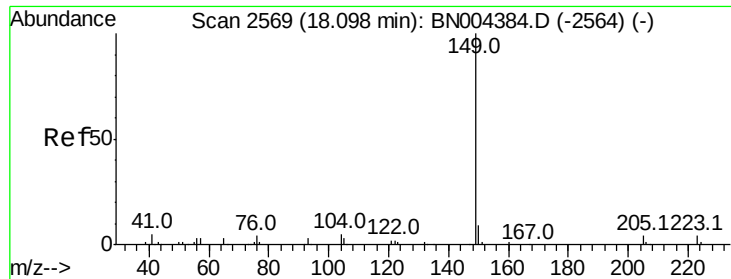
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#76

Di-n-butylphthalate

Concen: 2.948 ng/ul

RT: 18.10 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

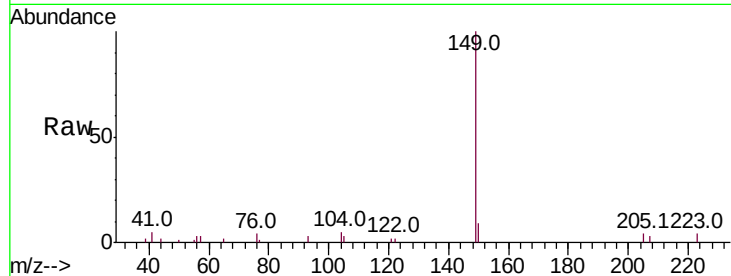
Tot Ion:149 Resp: 31837

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

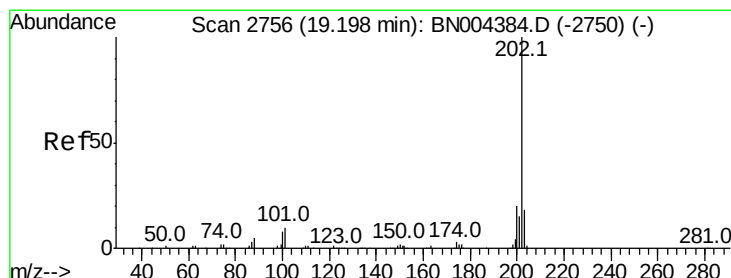
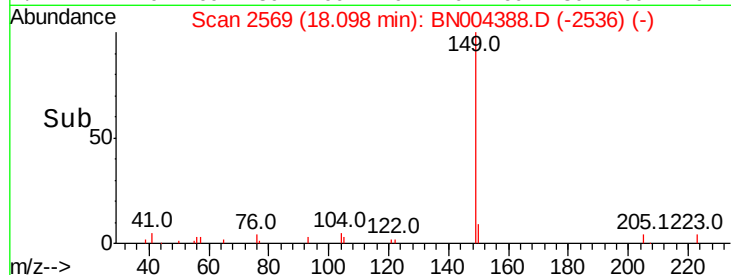
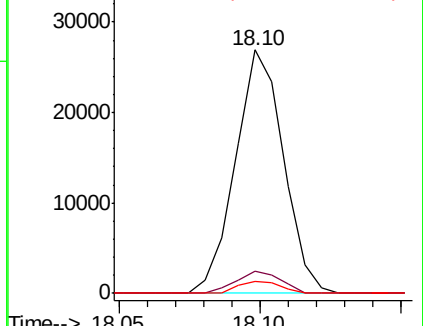
104 4.9 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 4.008 ng/ul

RT: 19.20 min Scan# 2756

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

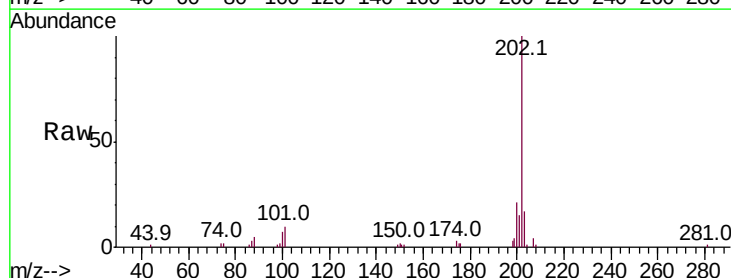
Tgt Ion:202 Resp: 53955

Ion Ratio Lower Upper

202 100

101 9.9 8.2 12.4

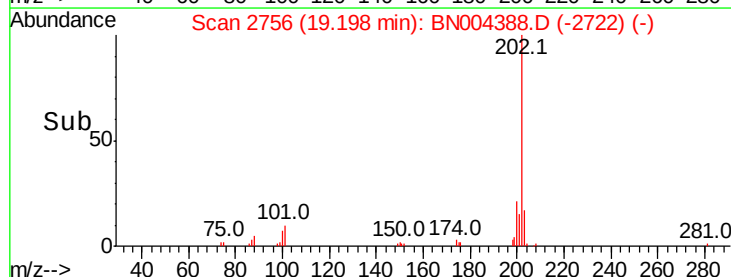
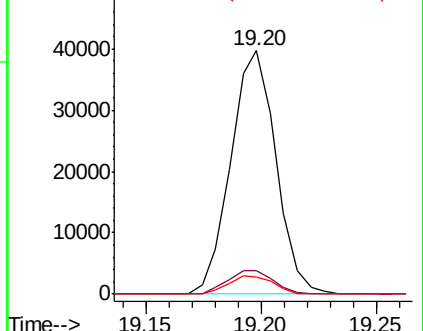
100 7.0 6.6 9.8

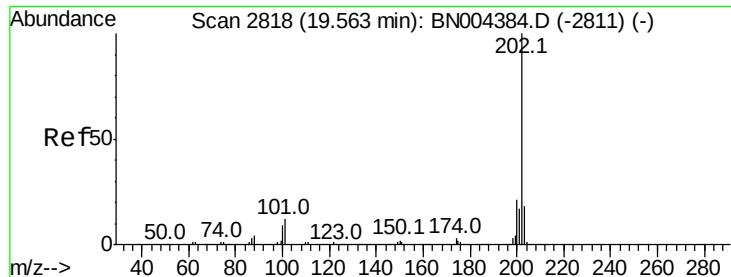


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

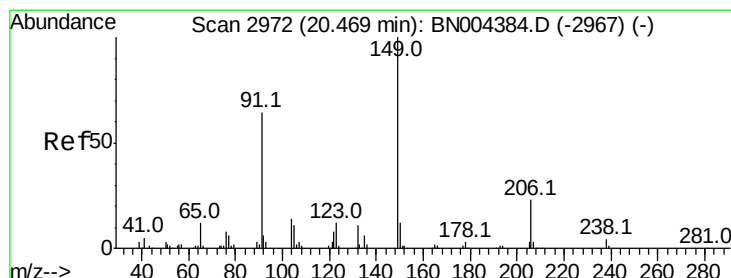
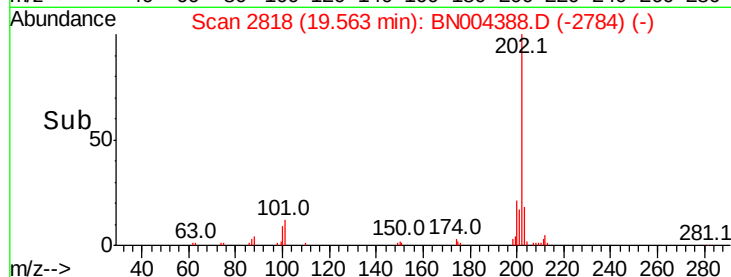
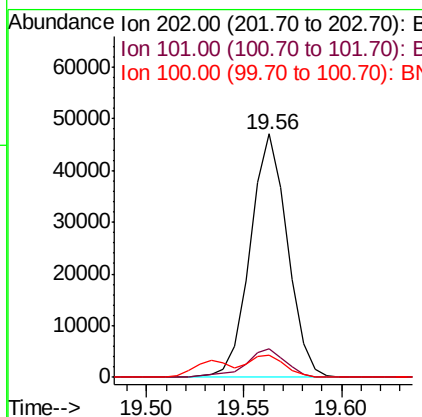
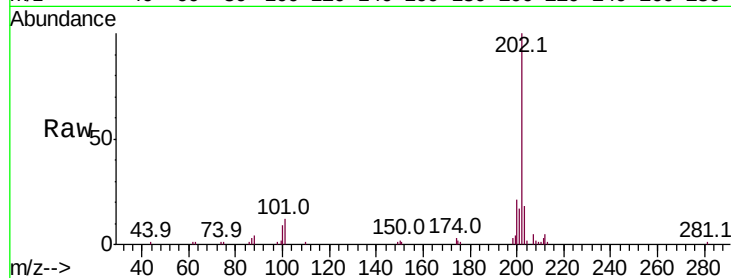




#80  
Pvrene  
Concen: 4.252 ng/ul  
RT: 19.56 min Scan# 2818  
Delta R.T. 0.00 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

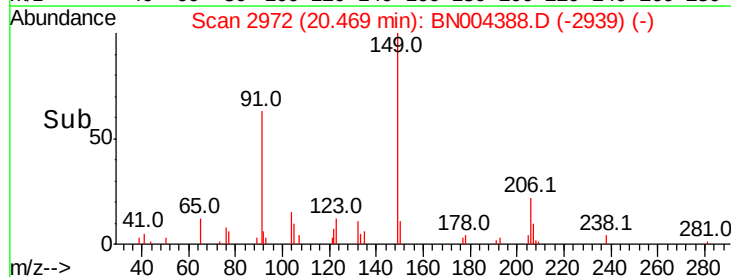
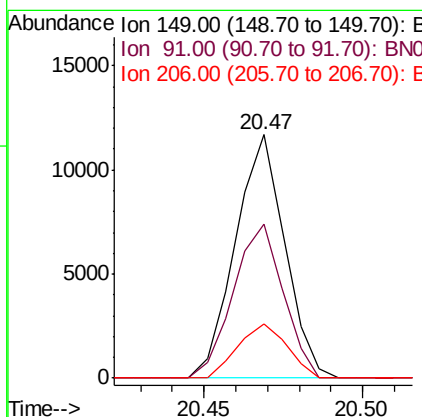
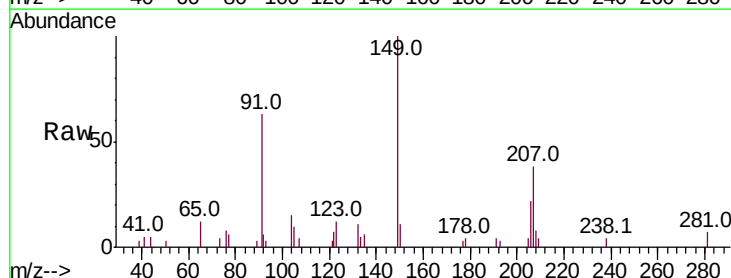
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-W-03

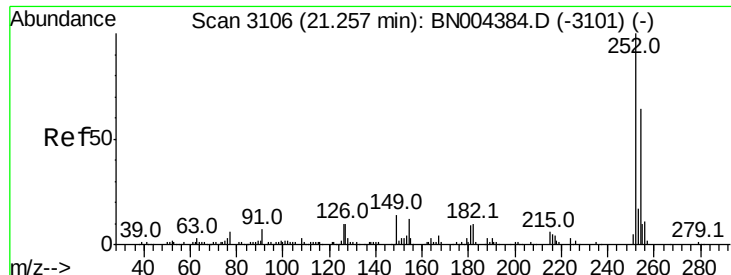
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.8  | 9.2   | 13.8  |
| 100     | 9.3   | 7.5   | 11.3  |



#81  
Butylbenzylphthalate  
Concen: 2.524 ng/ul  
RT: 20.47 min Scan# 2972  
Delta R.T. -0.01 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 63.1  | 49.8  | 74.6  |
| 206     | 22.4  | 18.2  | 27.2  |





#82

3,3'-Dichlorobenzidine

Concen: 2.230 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

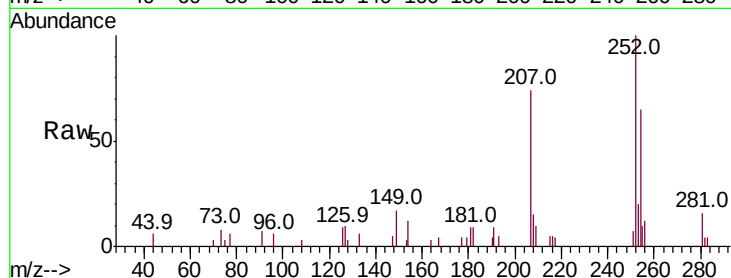
Tot Ion:252 Resp: 12345

Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

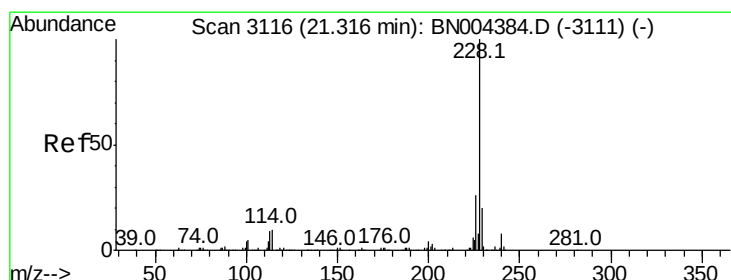
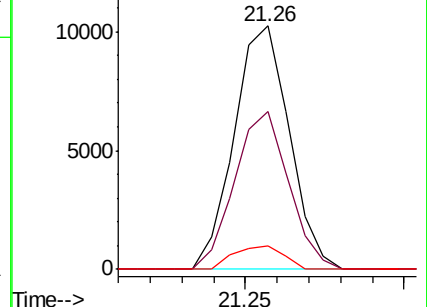
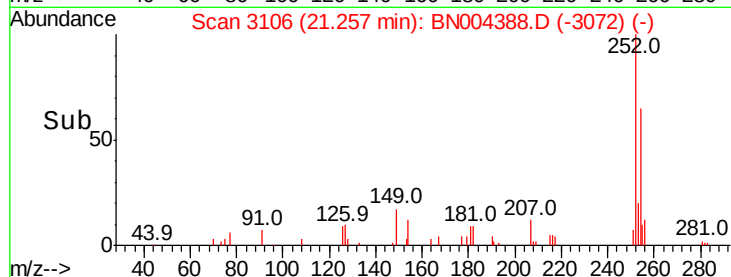
126 9.5 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 4.055 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

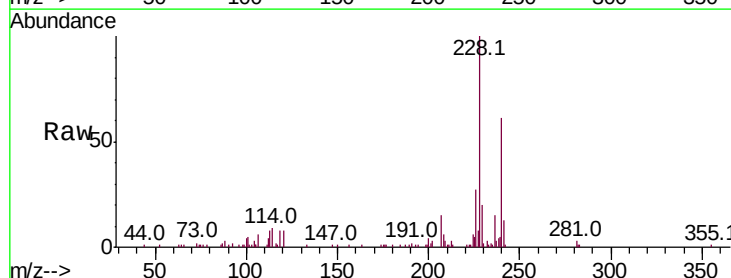
Tgt Ion:228 Resp: 65965

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.2

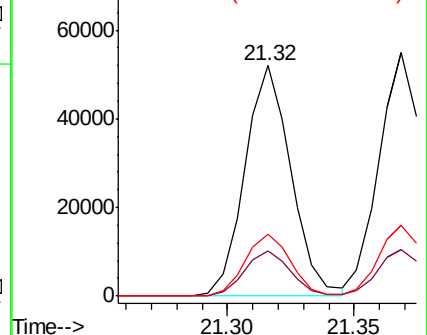
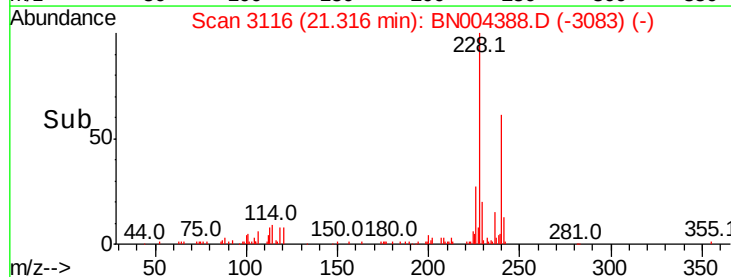
226 26.7 21.4 32.2

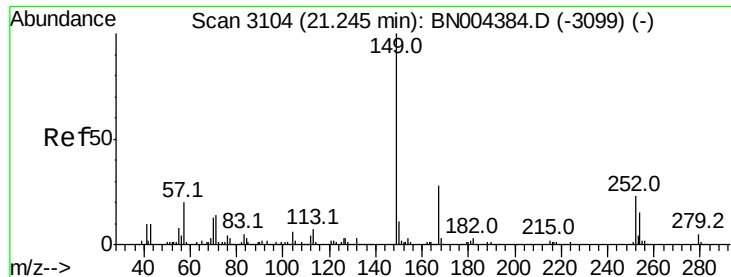


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.502 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

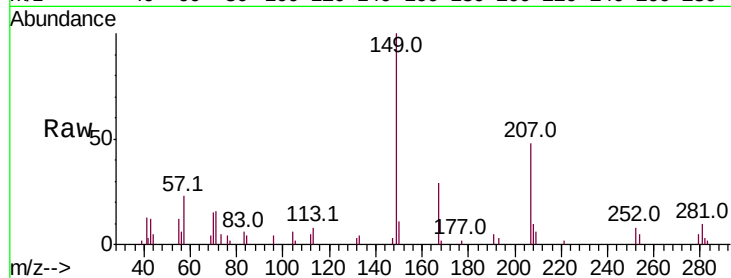
Tot Ion:149 Resp: 18808

Ion Ratio Lower Upper

149 100

167 28.7 22.7 34.1

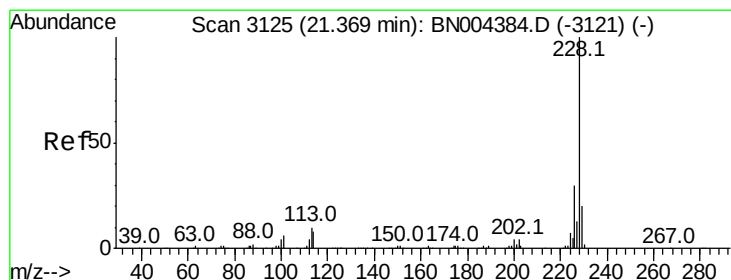
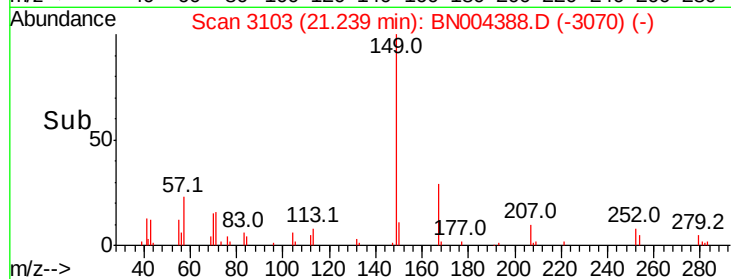
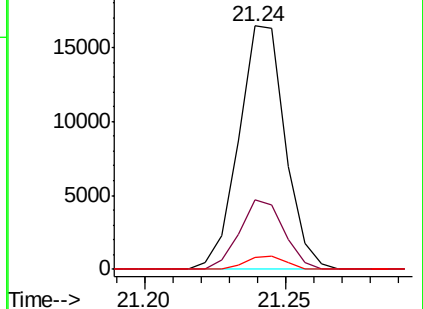
279 4.8 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 4.255 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

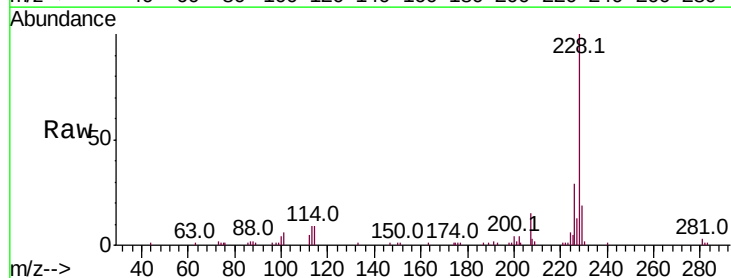
Tgt Ion:228 Resp: 65710

Ion Ratio Lower Upper

228 100

226 28.9 24.0 36.0

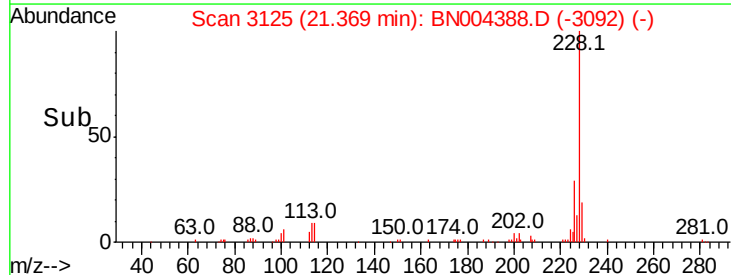
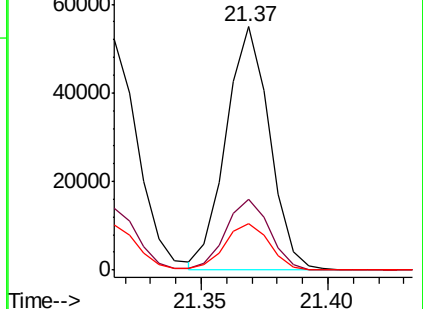
229 18.9 15.7 23.5

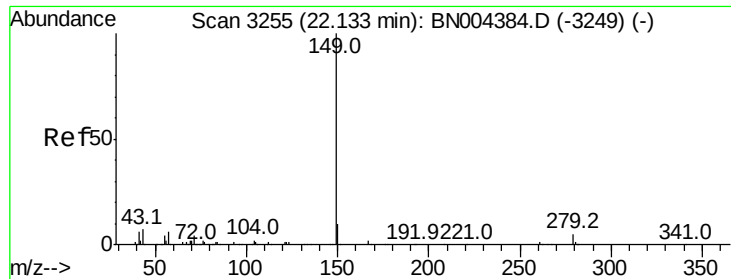


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 2.357 ng/ul

RT: 22.13 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

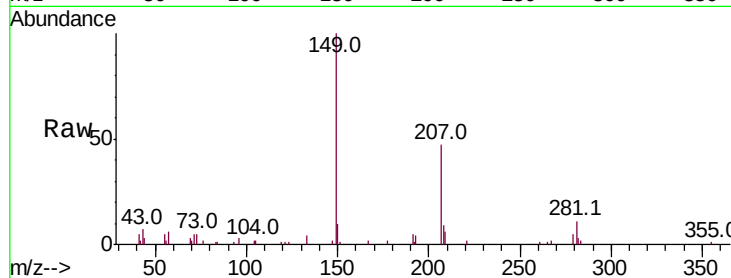
Instrument :

BNA\_N

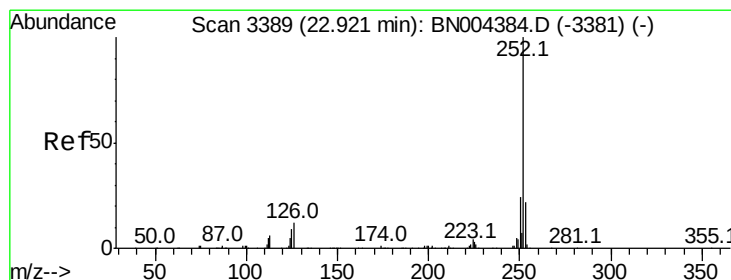
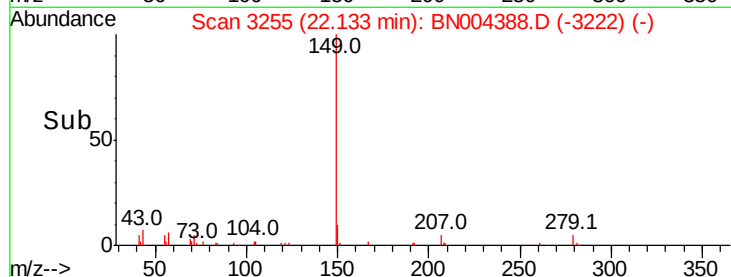
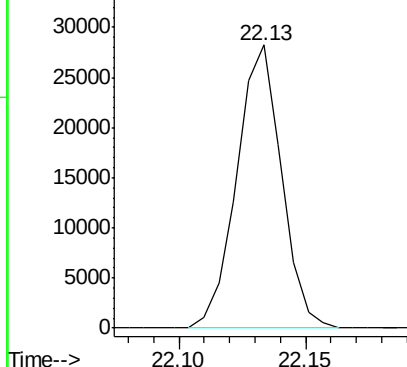
ClientSampleId :

MDL-W-03

Tgt Ion:149 Resp: 34629



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.984 ng/ul

RT: 22.92 min Scan# 3388

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

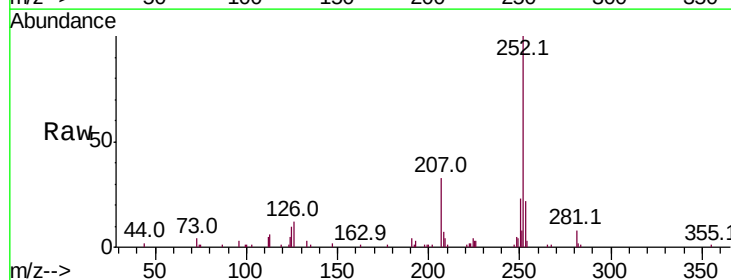
Tgt Ion:252 Resp: 72412

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

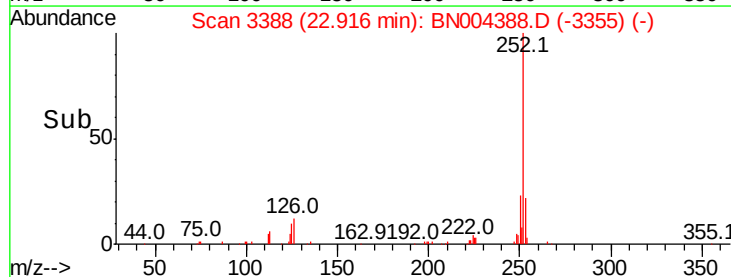
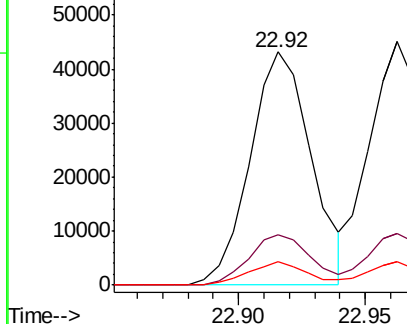
125 9.8 7.4 11.2

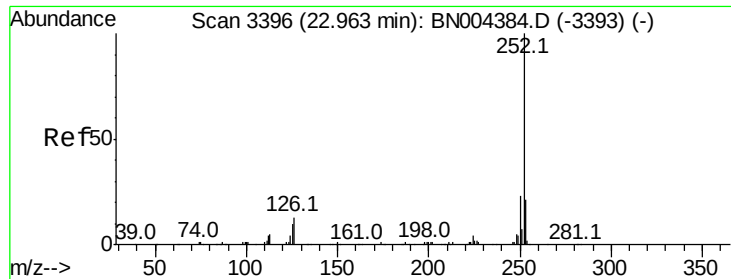


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.995 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

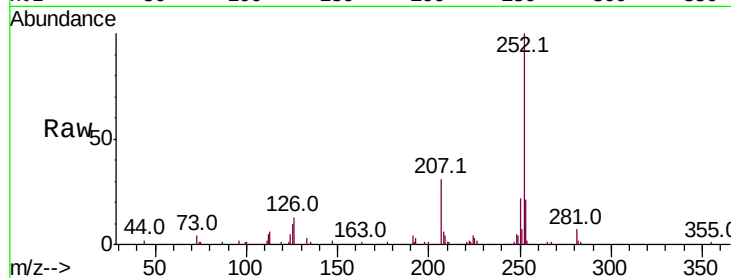
Tot Ion:252 Resp: 70574

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

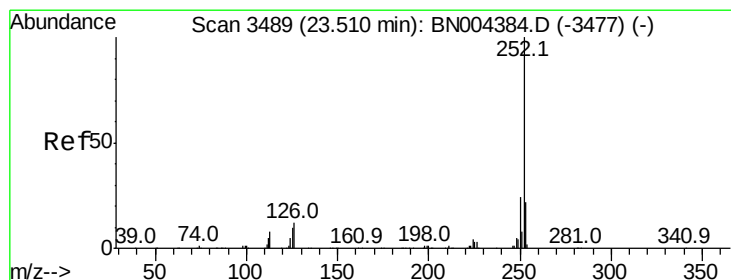
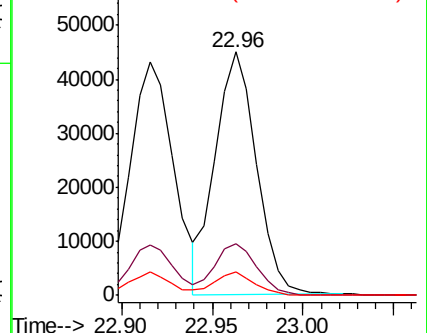
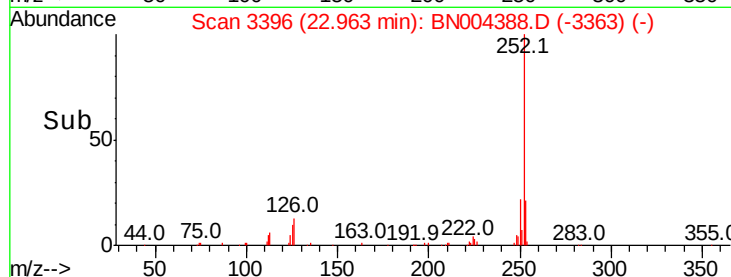
125 9.7 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 4.165 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

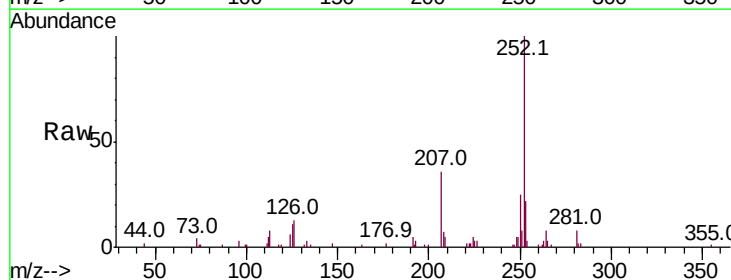
Tgt Ion:252 Resp: 73856

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

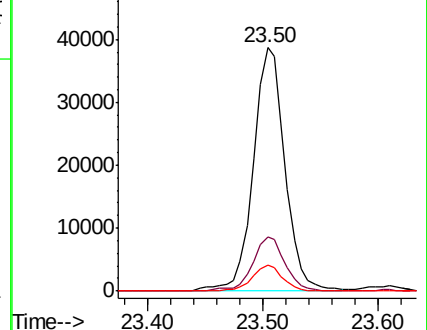
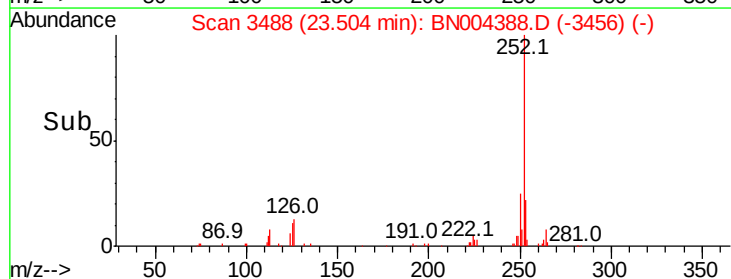
125 10.7 8.4 12.6

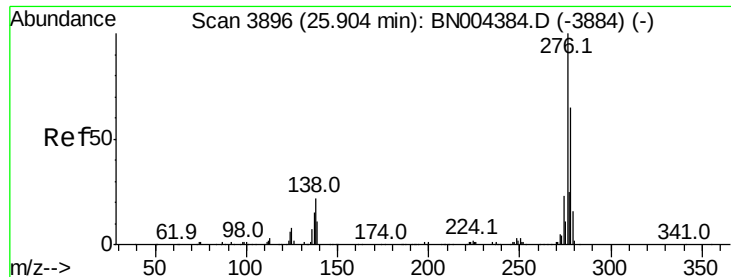


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



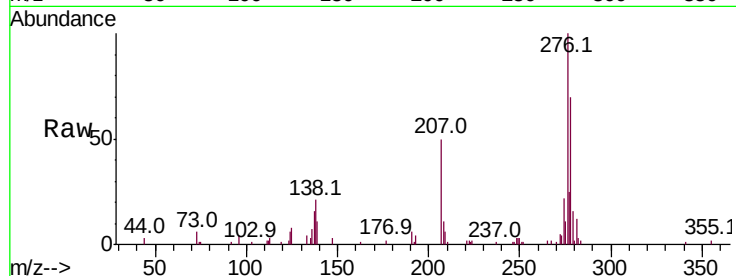


#92

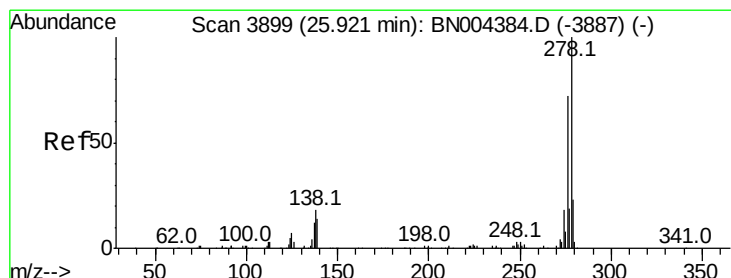
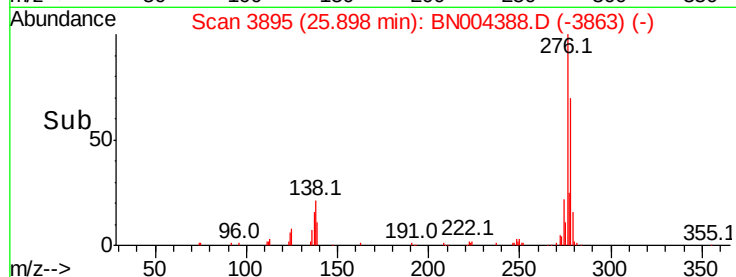
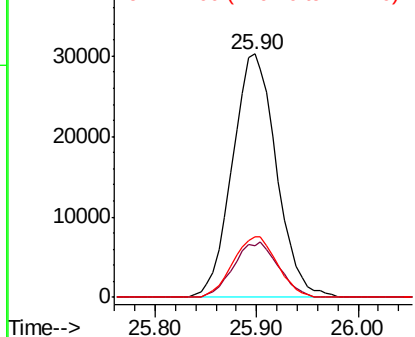
Indeno(1,2,3-cd)pyrene  
Concen: 4.043 ng/ul  
RT: 25.90 min Scan# 3895  
Delta R.T. -0.01 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-W-03

Tot Ion:276 Resp: 91031  
Ion Ratio Lower Upper  
276 100  
138 21.4 18.7 28.1  
277 25.1 19.8 29.8



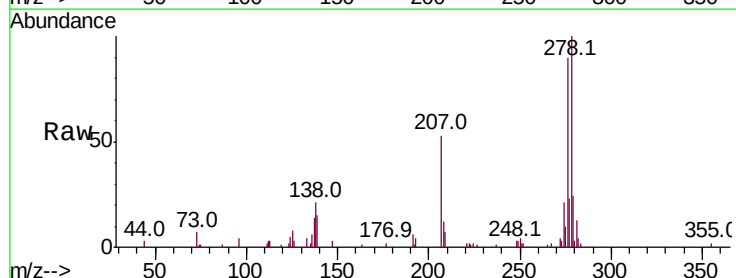
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



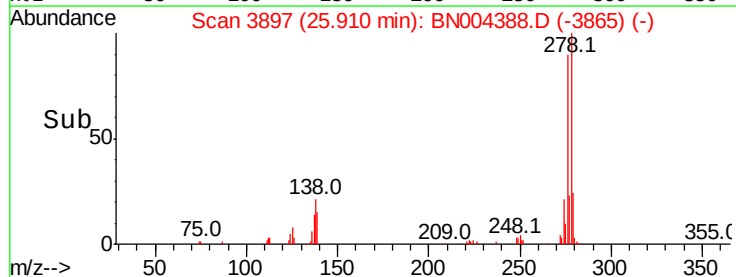
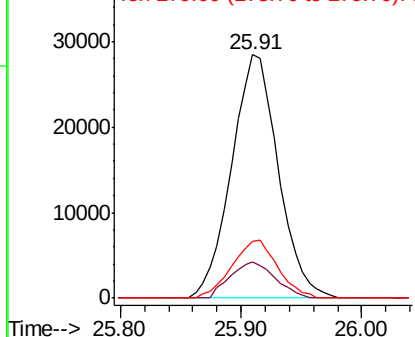
#93

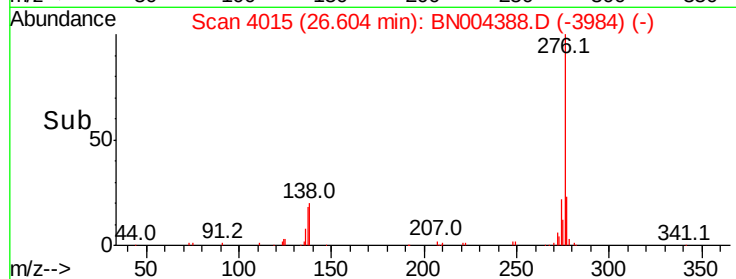
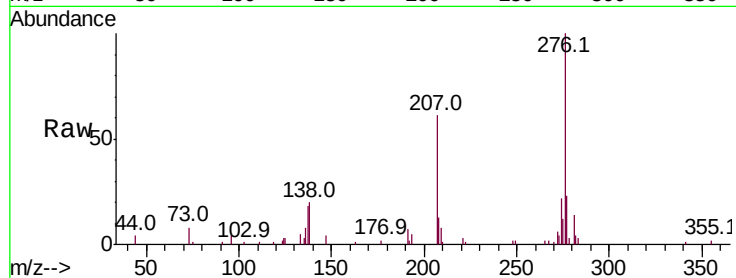
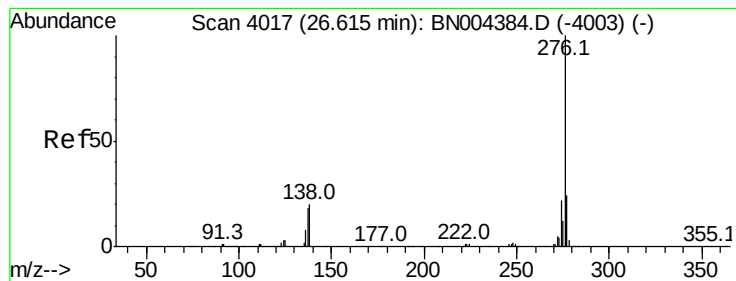
Dibenzo(a,h)anthracene  
Concen: 4.090 ng/ul  
RT: 25.91 min Scan# 3897  
Delta R.T. -0.01 min  
Lab File: BN004388.D  
Acq: 13 Feb 2019 12:20

Tgt Ion:278 Resp: 76619  
Ion Ratio Lower Upper  
278 100  
139 14.8 12.4 18.6  
279 23.5 19.3 28.9



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





#94

Benzo(a,h,i)perylene

Concen: 4.098 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.02 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA\_N

ClientSampleId :

MDL-W-03

Tot Ion:276 Resp: 77336

Ion Ratio Lower Upper

276 100

138 20.1 16.7 25.1

277 23.2 19.0 28.6

