

Data Path : Z:\HPCHEM1\BNA\_N\DATA\BN022218\  
 Data File : BN000160.D  
 Acq On : 22 Feb 2018 14:05  
 Operator : JU/SJ  
 Sample : MDL-S-ME-04  
 Misc : 1PPM/4PPM  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-S-ME-04

Quant Time: Feb 22 15:04:31 2018  
 Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN022018MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 22 11:03:04 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.46  | 152  | 101930   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.29 | 136  | 506010   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 15.06 | 164  | 295401   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.78 | 188  | 661506   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.89 | 240  | 774551   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.37 | 264  | 892568   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.61  | 96  | 10893   | 4.43  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.58  | 99  | 293148  | 28.40 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.76  | 67  | 184504  | 31.76 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.98  | 132 | 207059  | 29.35 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.15  | 113 | 240776  | 28.93 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.63  | 128 | 97268   | 29.28 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.36 | 143 | 86972   | 27.72 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.90 | 165 | 196179  | 27.94 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.42 | 131 | 350241  | 44.66 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.45 | 166 | 701842  | 31.24 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.76 | 160 | 897837  | 31.10 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.22 | 143 | 108926  | 24.41 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 16.04 | 176 | 639282  | 32.38 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 16.14 | 200 | 61784   | 20.81 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.88 | 188 | 994149  | 32.02 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 20.13 | 212 | 1109446 | 30.16 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.21 | 264 | 1283607 | 31.73 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |              | Qvalue |
|--------------------------------|-------|-----|--------|--------------|--------|
| 2) 1,4-Dioxane                 | 3.65  | 88  | 4153   | 1.534 ng/uL# | 88     |
| 4) Benzaldehyde                | 7.58  | 77  | 25276  | 7.451 ng/ul  | 93     |
| 6) Phenol                      | 7.60  | 94  | 51629  | 4.733 ng/ul  | 97     |
| 8) Bis(2-Chloroethyl)ether     | 7.85  | 93  | 43746  | 5.300 ng/ul  | 96     |
| 10) 2-Chlorophenol             | 8.00  | 128 | 36783  | 4.921 ng/ul  | 96     |
| 11) 2-Methylphenol             | 8.89  | 108 | 32746  | 4.133 ng/ul  | 94     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.98  | 45  | 45620  | 5.103 ng/ul# | 91     |
| 14) Acetophenone               | 9.28  | 105 | 61577  | 4.709 ng/ul  | 96     |
| 15) N-Nitroso-di-n-propylamine | 9.26  | 70  | 25862  | 4.380 ng/ul# | 94     |
| 16) 4-Methylphenol             | 9.21  | 108 | 41490  | 4.673 ng/ul  | 97     |
| 17) Hexachloroethane           | 9.56  | 117 | 13356  | 4.675 ng/ul# | 64     |
| 20) Nitrobenzene               | 9.68  | 77  | 46313  | 5.032 ng/ul  | 99     |
| 21) Isophorone                 | 10.19 | 82  | 69124  | 3.972 ng/ul# | 97     |
| 23) 2-Nitrophenol              | 10.39 | 139 | 17115  | 4.620 ng/ul  | 95     |
| 24) 2,4-Dimethylphenol         | 10.43 | 107 | 43186  | 4.486 ng/ul  | 96     |
| 25) Bis(2-Chloroethoxy)methane | 10.68 | 93  | 58197  | 4.898 ng/ul  | 97     |
| 27) 2,4-Dichlorophenol         | 10.93 | 162 | 34164  | 4.819 ng/ul# | 95     |
| 28) Naphthalene                | 11.35 | 128 | 139908 | 5.229 ng/ul  | 99     |
| 30) 4-Chloroaniline            | 11.44 | 127 | 39502  | 4.829 ng/ul  | 98     |
| 31) Hexachlorobutadiene        | 11.62 | 225 | 19012  | 5.063 ng/ul  | 95     |
| 32) Caprolactam                | 12.16 | 113 | 9414   | 3.503 ng/ul# | 67     |
| 33) 4-Chloro-3-methylphenol    | 12.52 | 107 | 33178  | 3.812 ng/ul  | 93     |
| 34) 2-Methylnaphthalene        | 12.92 | 142 | 93513  | 5.014 ng/ul  | 99     |

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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 13.13 | 142  | 94155    | 5.031 | ng/ul  | 97       |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.27 | 216  | 41491    | 5.123 | ng/ul# | 94       |
| 38) Hexachlorocyclopentadiene  | 13.25 | 237  | 13890    | 3.544 | ng/ul  | 100      |
| 39) 2,4,6-Trichlorophenol      | 13.50 | 196  | 18052    | 3.536 | ng/ul  | 98       |
| 40) 2,4,5-Trichlorophenol      | 13.57 | 196  | 21062    | 3.838 | ng/ul  | 99       |
| 41) 1,1'-Biphenyl              | 13.90 | 154  | 124140   | 5.130 | ng/ul# | 94       |
| 42) 2-Chloronaphthalene        | 13.95 | 162  | 94933    | 5.108 | ng/ul  | 96       |
| 43) 2-Nitroaniline             | 14.14 | 65   | 15840    | 3.328 | ng/ul  | 96       |
| 45) Dimethylphthalate          | 14.50 | 163  | 116173   | 5.091 | ng/ul# | 97       |
| 46) 2,6-Dinitrotoluene         | 14.62 | 165  | 12079    | 3.168 | ng/ul# | 67       |
| 48) Acenaphthylene             | 14.79 | 152  | 152472   | 5.205 | ng/ul  | 98       |
| 49) 3-Nitroaniline             | 14.96 | 138  | 14784    | 3.240 | ng/ul# | 98       |
| 50) Acenaphthene               | 15.13 | 153  | 107550   | 5.206 | ng/ul  | 98       |
| 51) 2,4-Dinitrophenol          | 15.15 | 184  | 4367     | 2.469 | ng/ul# | 34       |
| 53) 4-Nitrophenol              | 15.23 | 109  | 17501    | 4.650 | ng/ul# | 84       |
| 54) Dibenzofuran               | 15.46 | 168  | 153986   | 5.370 | ng/ul  | 100      |
| 55) 2,4-Dinitrotoluene         | 15.40 | 165  | 22531    | 3.821 | ng/ul# | 81       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.67 | 232  | 16525    | 3.733 | ng/ul  | 95       |
| 57) Diethylphthalate           | 15.84 | 149  | 104540   | 4.547 | ng/ul# | 92       |
| 59) Fluorene                   | 16.10 | 166  | 124246   | 5.396 | ng/ul  | 97       |
| 60) 4-Chlorophenyl-phenylether | 16.08 | 204  | 56307    | 5.415 | ng/ul# | 81       |
| 61) 4-Nitroaniline             | 16.10 | 138  | 20459    | 3.748 | ng/ul# | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 16.15 | 198  | 11824    | 3.678 | ng/ul# | 60       |
| 65) N-Nitrosodiphenylamine     | 16.29 | 169  | 96275    | 4.680 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.97 | 248  | 27604    | 4.586 | ng/ul# | 83       |
| 67) Hexachlorobenzene          | 17.09 | 284  | 32068    | 4.781 | ng/ul# | 79       |
| 68) Atrazine                   | 17.22 | 200  | 20378    | 3.276 | ng/ul  | 96       |
| 69) Pentachlorophenol          | 17.43 | 266  | 9599     | 2.638 | ng/ul  | 96       |
| 70) Phenanthrene               | 17.82 | 178  | 201883   | 5.216 | ng/ul  | 99       |
| 72) Anthracene                 | 17.92 | 178  | 209331   | 5.312 | ng/ul  | 97       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.87 | 216  | 42024    | 4.808 | ng/uL  | 95       |
| 74) Pentachlorobenzene         | 15.37 | 250  | 40652    | 4.859 | ng/uL  | 97       |
| 75) Carbazole                  | 18.17 | 167  | 167370   | 4.739 | ng/ul# | 98       |
| 76) Di-n-butylphthalate        | 18.70 | 149  | 134864   | 3.520 | ng/ul  | 98       |
| 77) Fluoranthene               | 19.80 | 202  | 198583   | 4.901 | ng/ul# | 82       |
| 80) Pyrene                     | 20.16 | 202  | 242612   | 4.976 | ng/ul# | 77       |
| 81) Butylbenzylphthalate       | 21.01 | 149  | 51124    | 2.710 | ng/ul# | 83       |
| 82) 3,3'-Dichlorobenzidine     | 21.80 | 252  | 43541    | 3.122 | ng/ul# | 94       |
| 83) Benzo(a)anthracene         | 21.87 | 228  | 228378   | 4.780 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.77 | 149  | 74507    | 2.629 | ng/ul# | 95       |
| 85) Chrysene                   | 21.93 | 228  | 241122   | 5.220 | ng/ul  | 100      |
| 87) Di-n-octyl phthalate       | 22.72 | 149  | 131487   | 2.414 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.62 | 252  | 251128   | 4.845 | ng/ul# | 95       |
| 89) Benzo(k)fluoranthene       | 23.66 | 252  | 242616   | 4.744 | ng/ul# | 93       |
| 91) Benzo(a)pyrene             | 24.26 | 252  | 265489   | 5.137 | ng/ul# | 94       |
| 92) Indeno(1,2,3-cd)pyrene     | 26.92 | 276  | 284400   | 4.707 | ng/ul# | 74       |
| 93) Dibenzo(a,h)anthracene     | 26.93 | 278  | 242072   | 4.806 | ng/ul# | 89       |
| 94) Benzo(g,h,i)perylene       | 27.70 | 276  | 245620   | 4.873 | ng/ul# | 86       |

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Instrument :  
BNA\_N  
ClientSampleId :  
MDL-S-ME-04

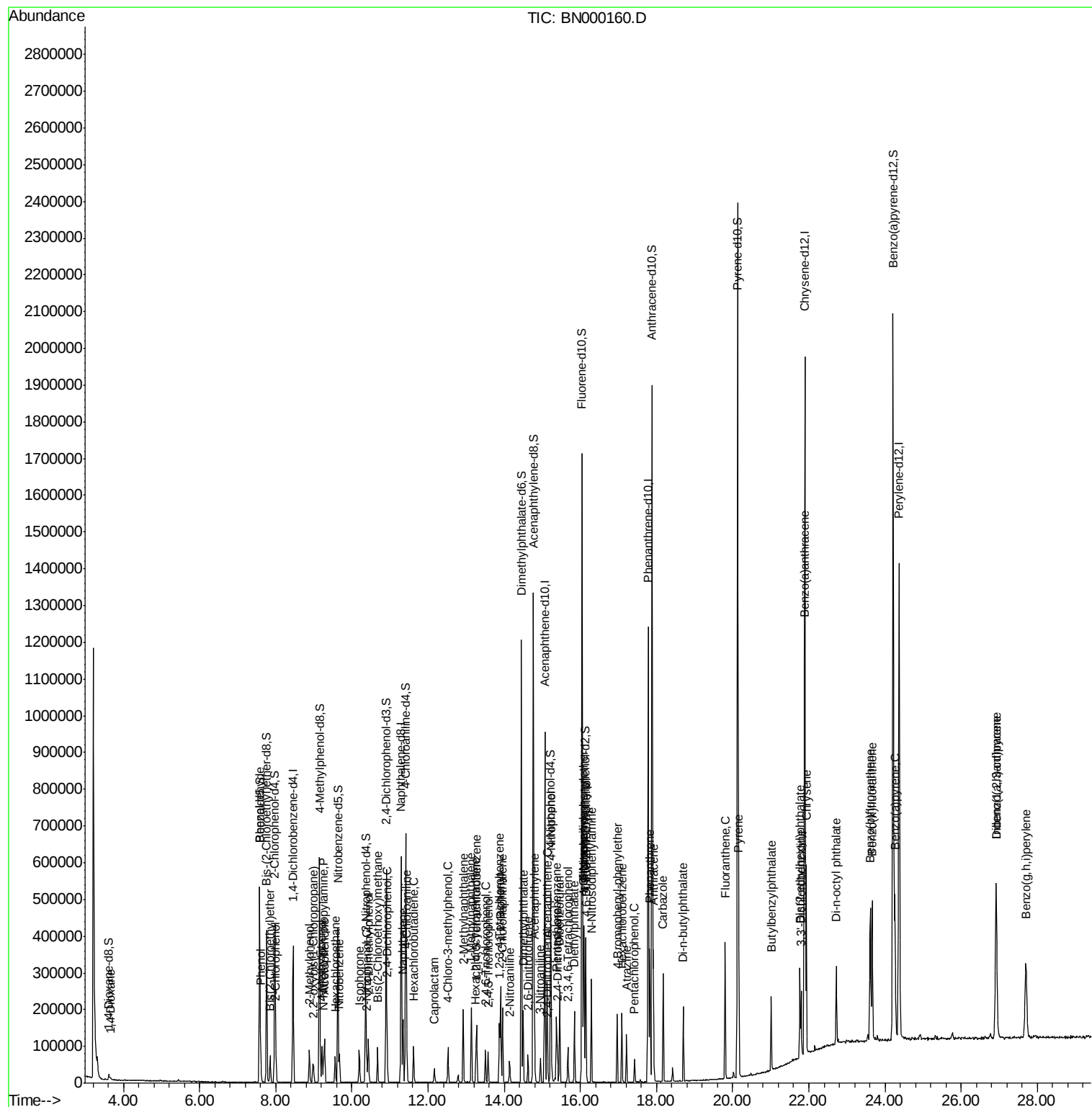
Quant Time: Feb 22 15:04:31 2018  
Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN022018MA.M  
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QLast Update : Thu Feb 22 11:03:04 2018  
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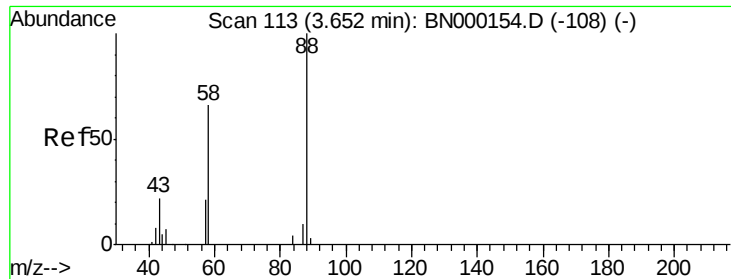
| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.534 ng/uL

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

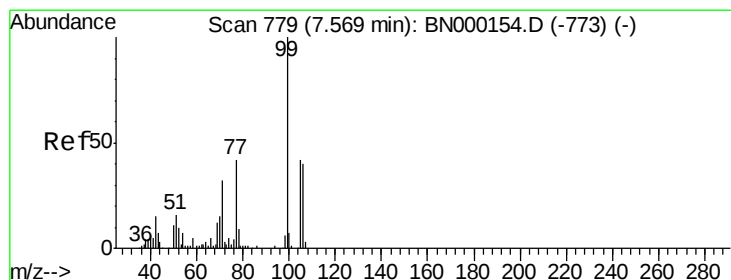
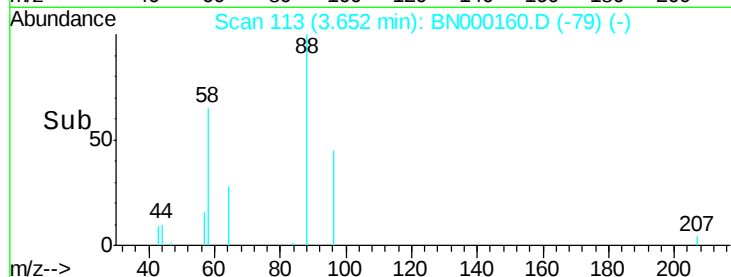
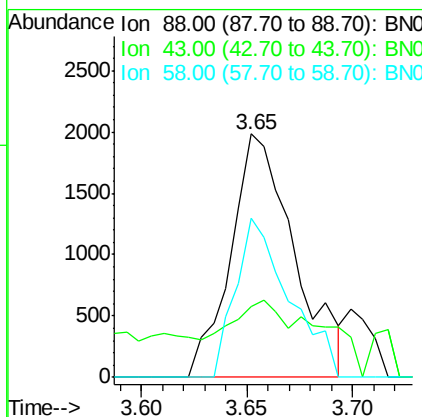
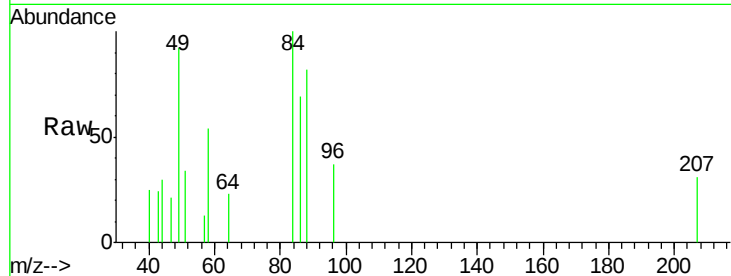
Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 4153  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 28.9  | 29.0  | 43.4# |
| 58       | 65.5  | 45.9  | 68.9  |



#4

Benzaldehyde

Concen: 7.451 ng/uL

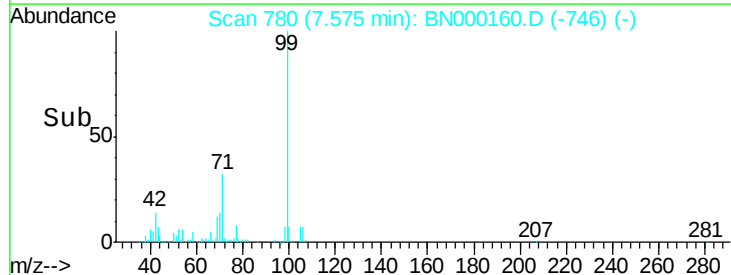
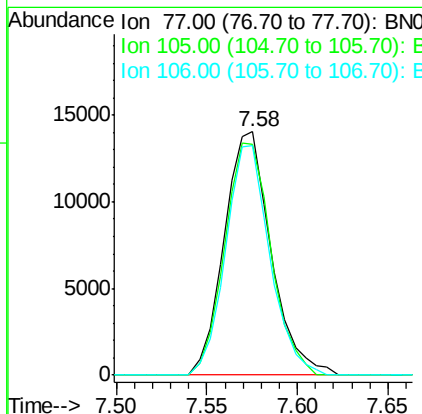
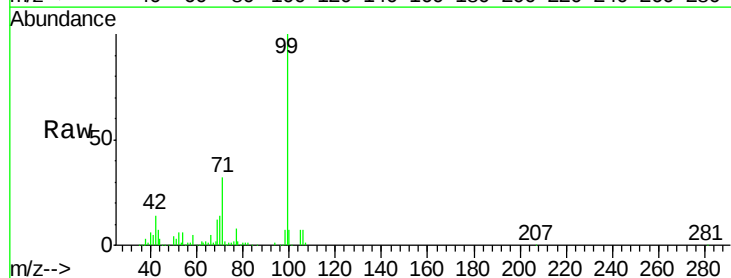
RT: 7.58 min Scan# 780

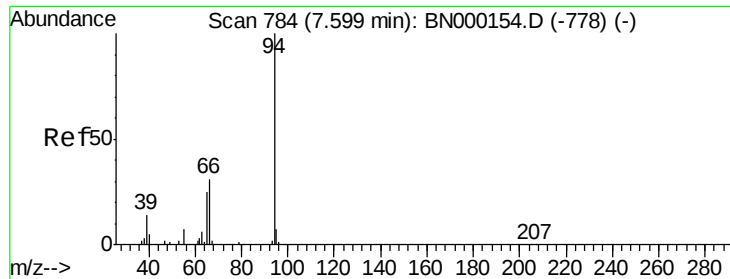
Delta R.T. 0.00 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 25276 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 94.9  | 71.0  | 106.6 |
| 106      | 94.2  | 69.5  | 104.3 |





#6

Phenol

Concen: 4.733 ng/ul

RT: 7.60 min Scan# 785

Delta R.T. 0.00 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

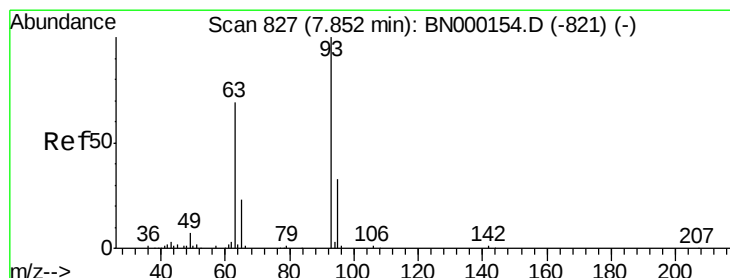
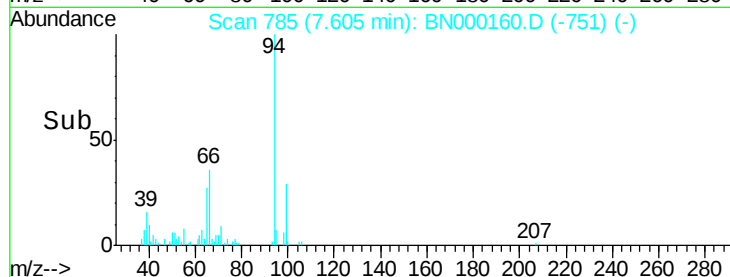
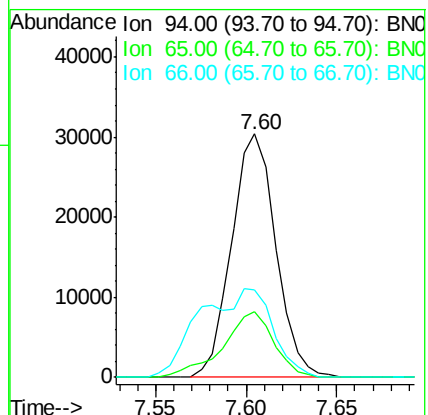
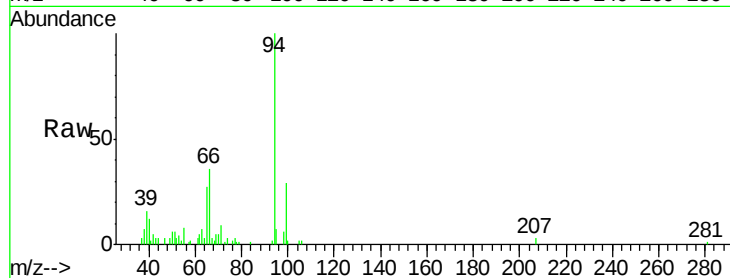
Tgt Ion: 94 Resp: 51629

Ion Ratio Lower Upper

94 100

65 27.1 23.0 34.6

66 36.1 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 5.300 ng/ul

RT: 7.85 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

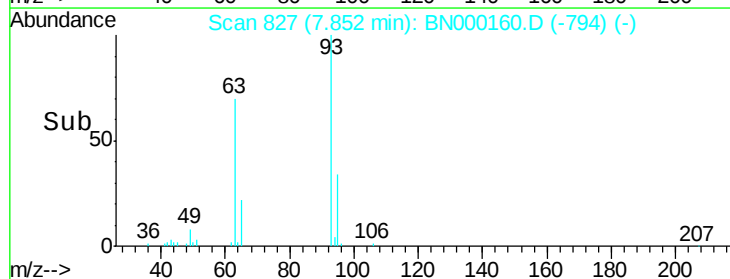
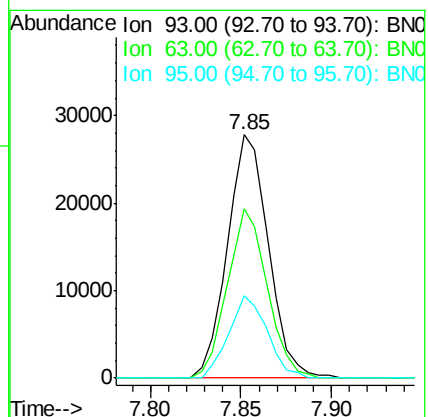
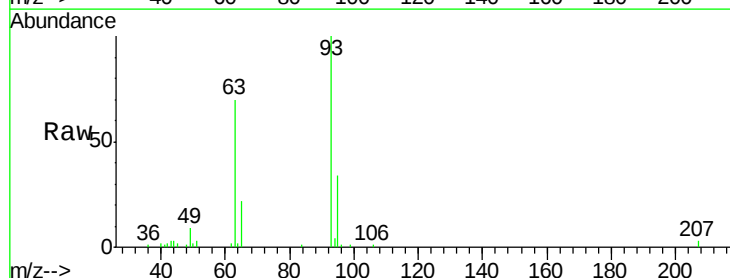
Tgt Ion: 93 Resp: 43746

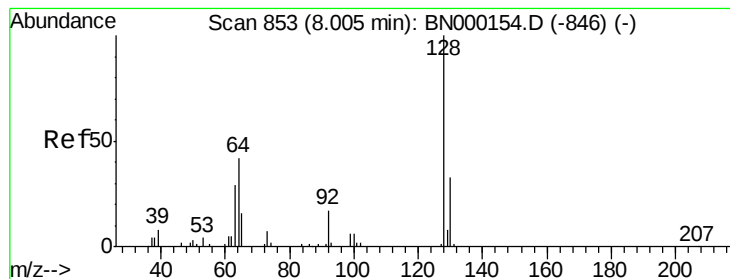
Ion Ratio Lower Upper

93 100

63 69.6 59.4 89.2

95 33.7 26.4 39.6





#10

2-Chlorophenol

Concen: 4.921 ng/ul

RT: 8.00 min Scan# 853

Delta R.T. -0.01 min

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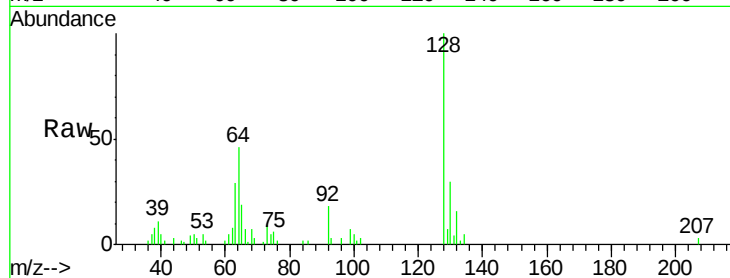
Tgt Ion:128 Resp: 36783

Ion Ratio Lower Upper

128 100

64 46.5 39.8 59.6

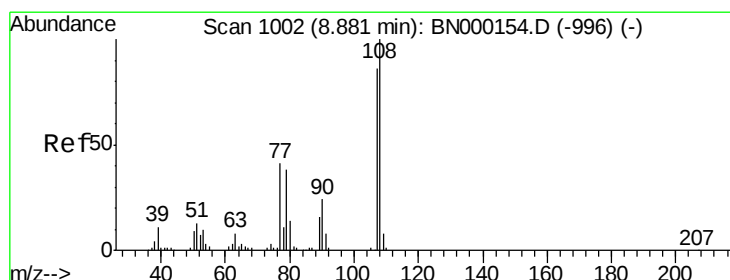
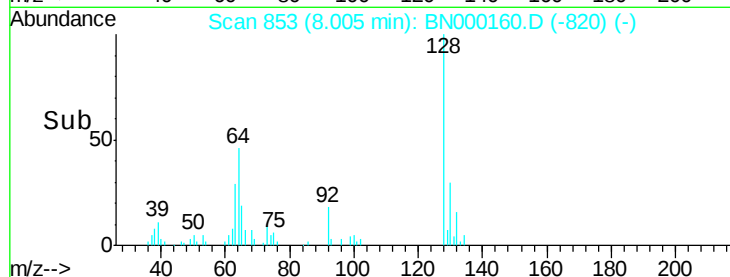
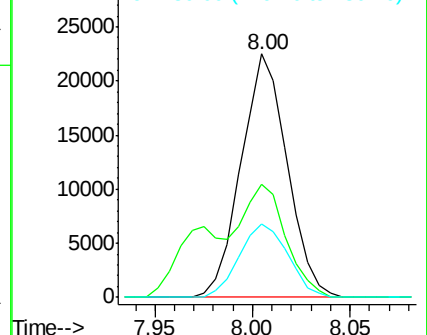
130 30.0 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): B

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 4.133 ng/ul

RT: 8.89 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BN000160.D

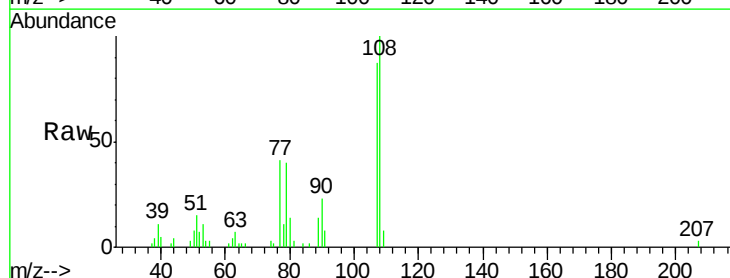
Acq: 22 Feb 2018 14:05

Tgt Ion:108 Resp: 32746

Ion Ratio Lower Upper

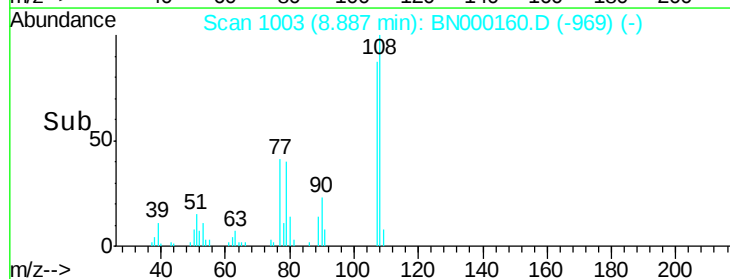
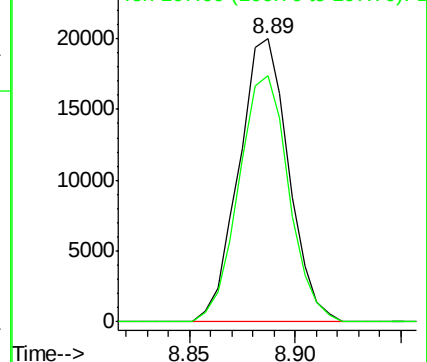
108 100

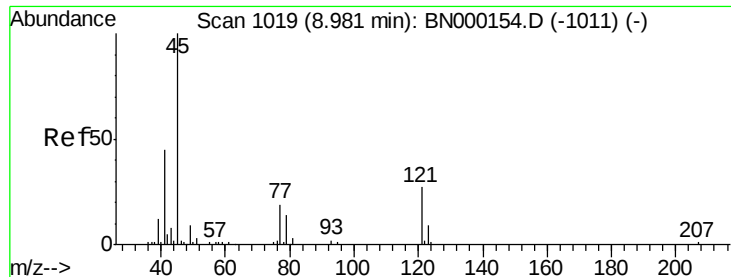
107 86.8 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

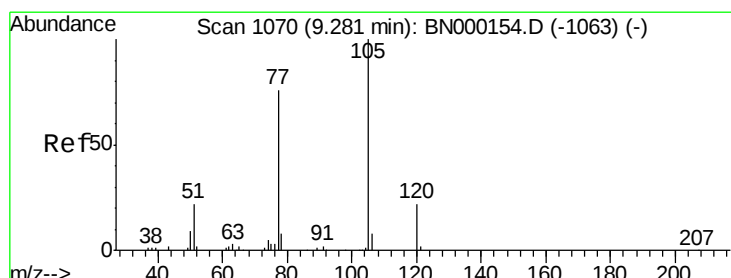
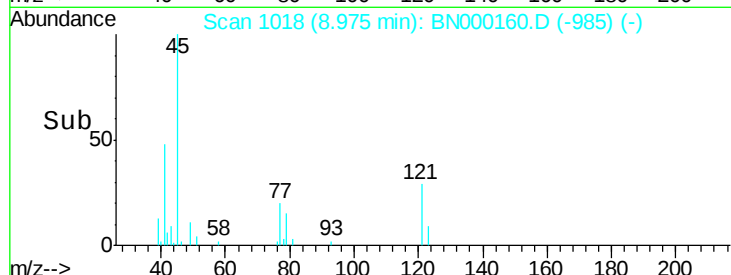
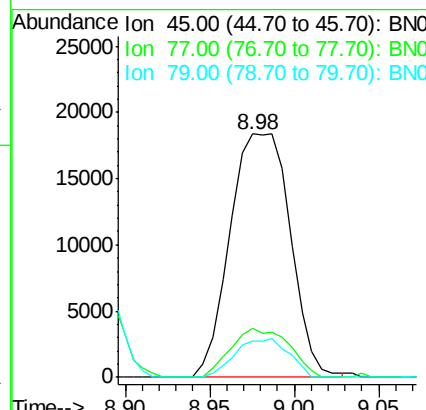
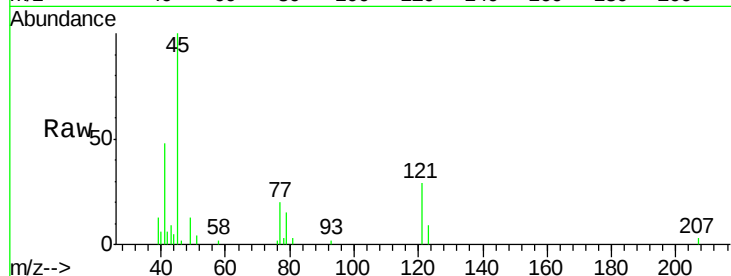




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 5.103 ng/ul  
RT: 8.98 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BN000160.D  
Acq: 22 Feb 2018 14:05

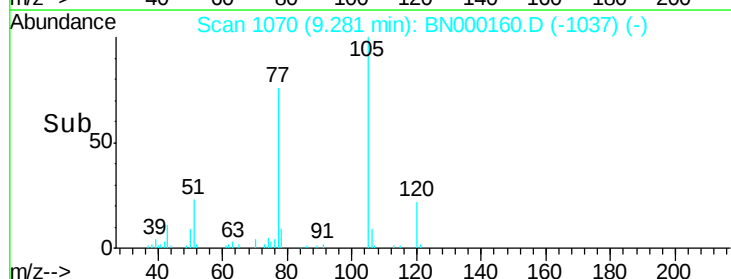
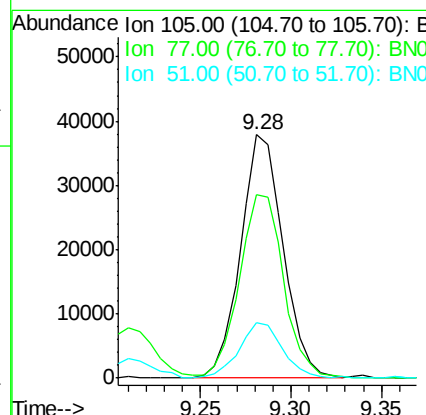
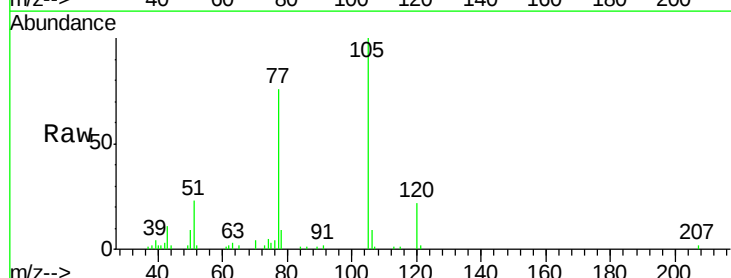
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-S-ME-04

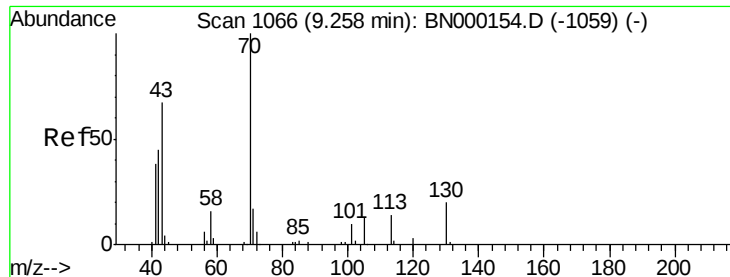
Tgt Ion: 45 Resp: 45620  
Ion Ratio Lower Upper  
45 100  
77 19.9 12.5 18.7#  
79 15.1 9.4 14.2#



#14  
Acetophenone  
Concen: 4.709 ng/ul  
RT: 9.28 min Scan# 1070  
Delta R.T. -0.01 min  
Lab File: BN000160.D  
Acq: 22 Feb 2018 14:05

Tgt Ion: 105 Resp: 61577  
Ion Ratio Lower Upper  
105 100  
77 75.6 63.2 94.8  
51 22.8 19.8 29.8





#15

N-Nitroso-di-n-propylamine

Concen: 4.380 ng/ul

RT: 9.26 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

Tgt Ion: 70 Resp: 25862

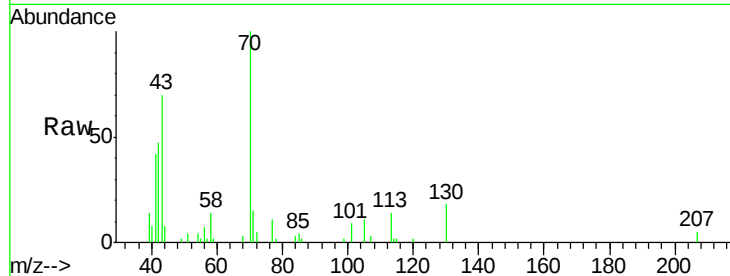
Ion Ratio Lower Upper

70 100

42 46.6 40.2 60.4

101 9.5 7.7 11.5

130 17.6 17.8 26.6#

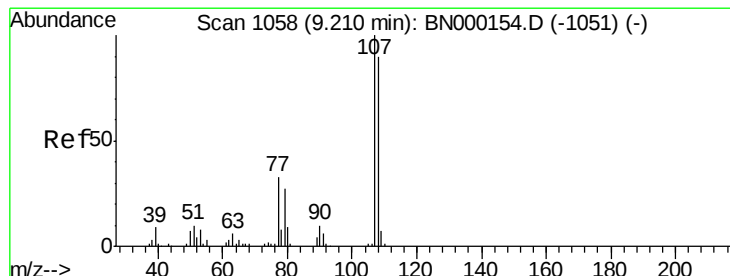
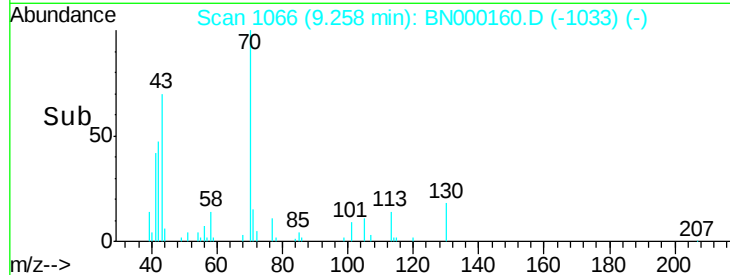
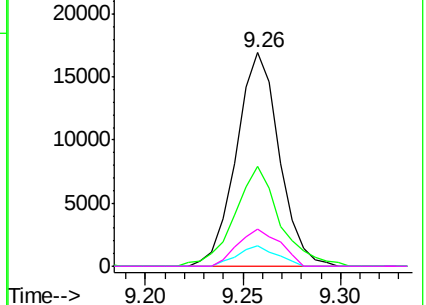


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 4.673 ng/ul

RT: 9.21 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BN000160.D

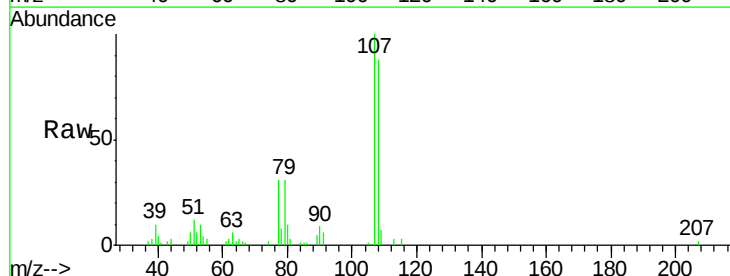
Acq: 22 Feb 2018 14:05

Tgt Ion: 108 Resp: 41490

Ion Ratio Lower Upper

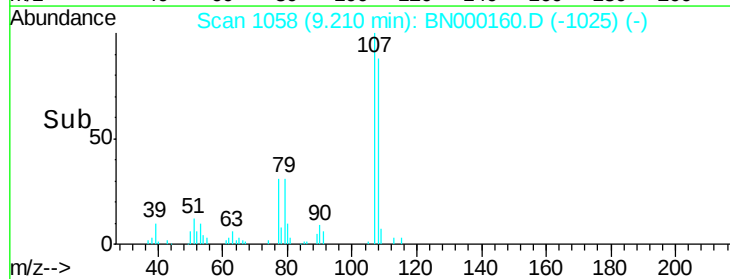
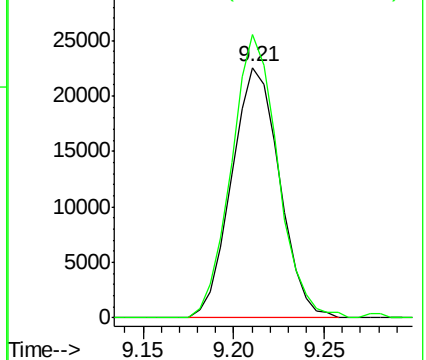
108 100

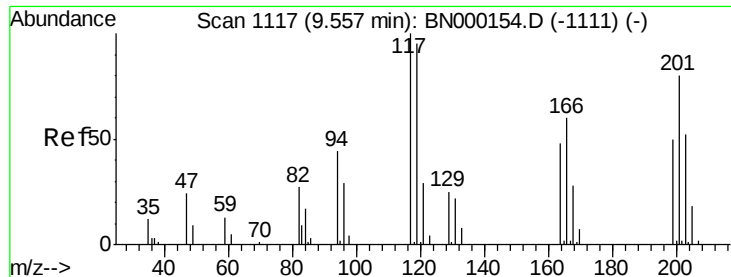
107 113.2 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 4.675 ng/ul

RT: 9.56 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

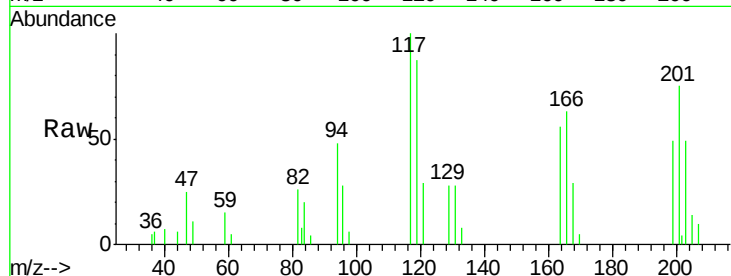
Tgt Ion: 117 Resp: 13356

Ion Ratio Lower Upper

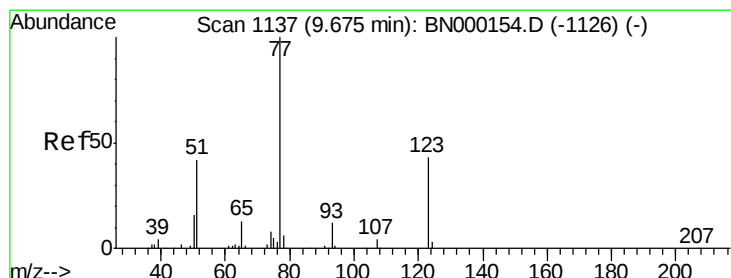
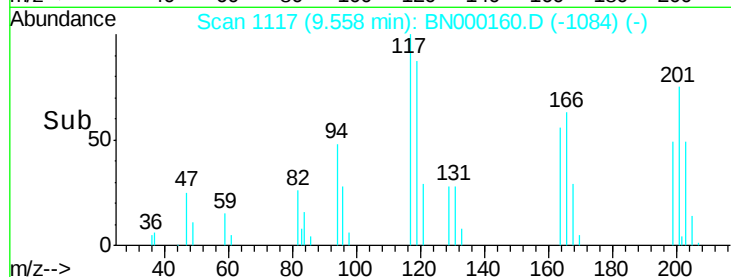
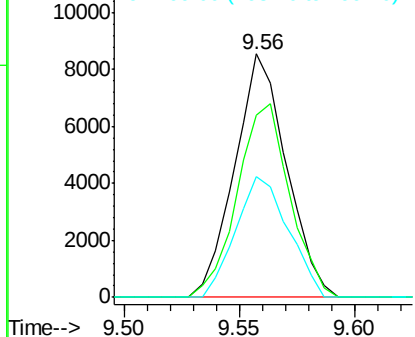
117 100

201 74.9 96.1 144.1#

199 49.4 59.7 89.5#



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: 5.032 ng/ul

RT: 9.68 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

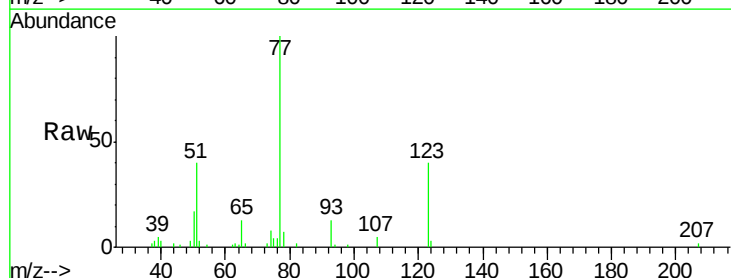
Tgt Ion: 77 Resp: 46313

Ion Ratio Lower Upper

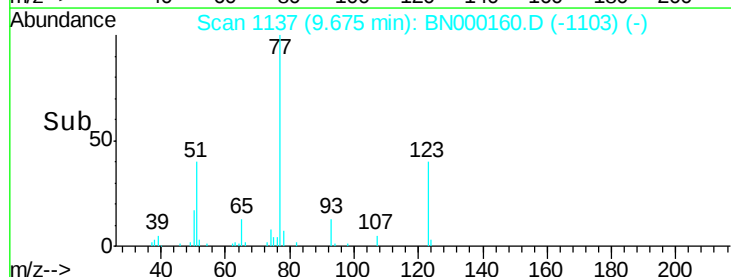
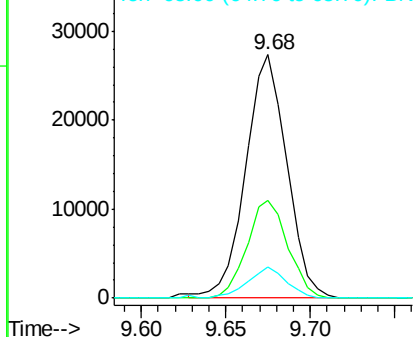
77 100

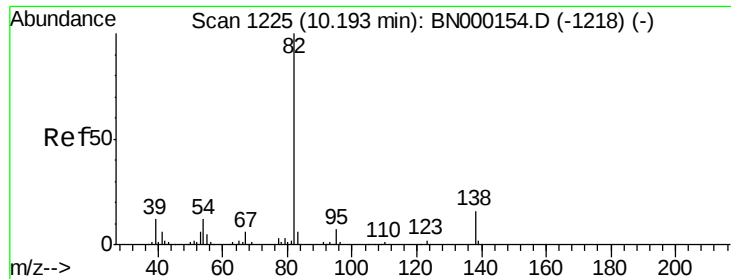
123 40.1 31.8 47.8

65 12.9 10.6 16.0



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: 3.972 ng/ul

RT: 10.19 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

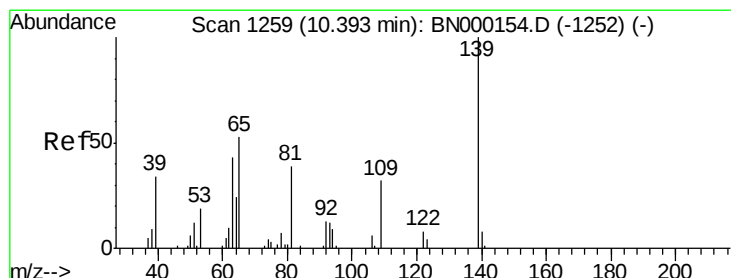
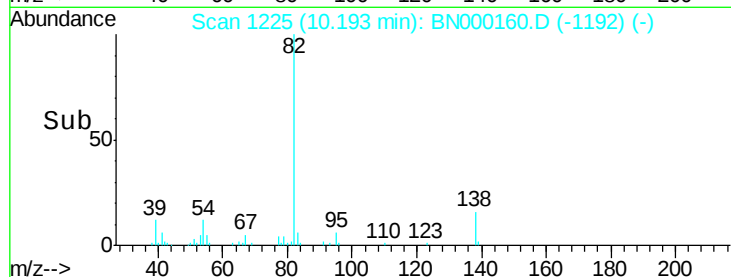
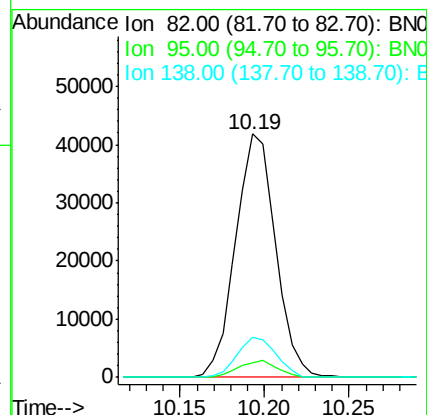
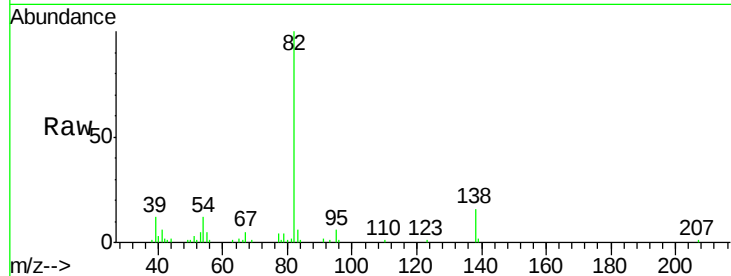
Tgt Ion: 82 Resp: 69124

Ion Ratio Lower Upper

82 100

95 5.7 6.1 9.1#

138 16.2 13.5 20.3



#23

2-Nitrophenol

Concen: 4.620 ng/ul

RT: 10.39 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

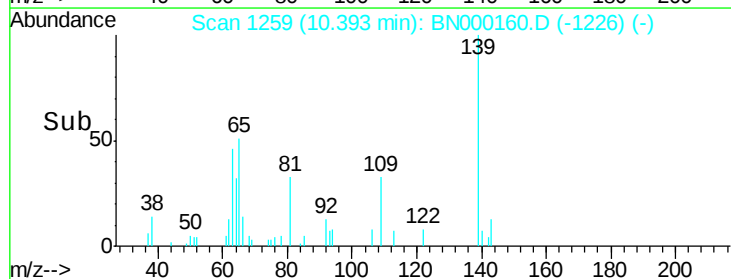
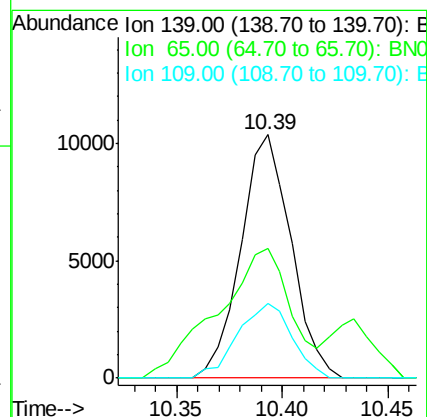
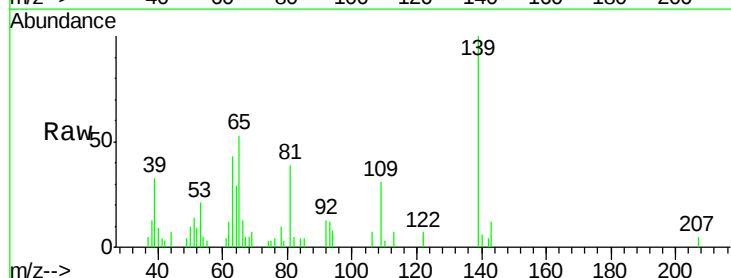
Tgt Ion: 139 Resp: 17115

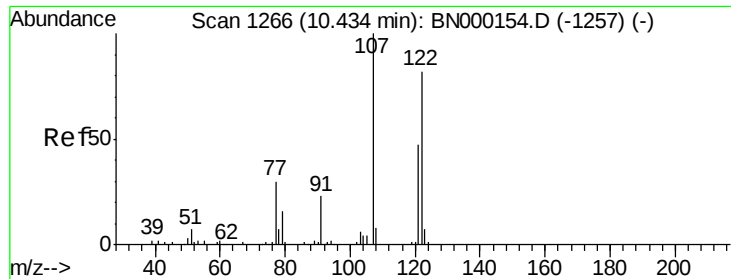
Ion Ratio Lower Upper

139 100

65 53.3 45.3 67.9

109 30.7 27.7 41.5





#24

2,4-Dimethylphenol

Concen: 4.486 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

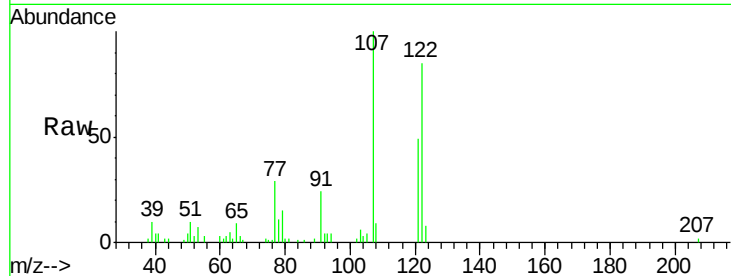
Tgt Ion: 107 Resp: 43186

Ion Ratio Lower Upper

107 100

121 48.7 38.1 57.1

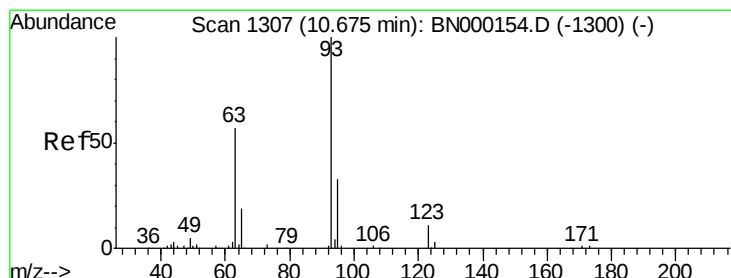
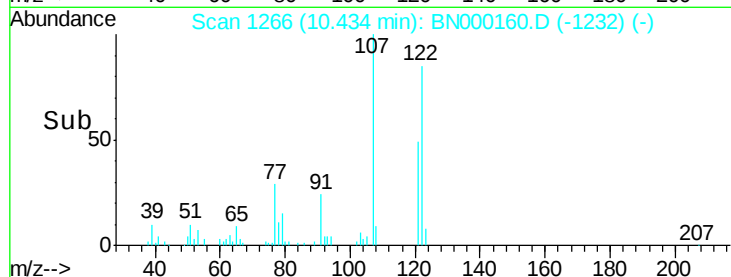
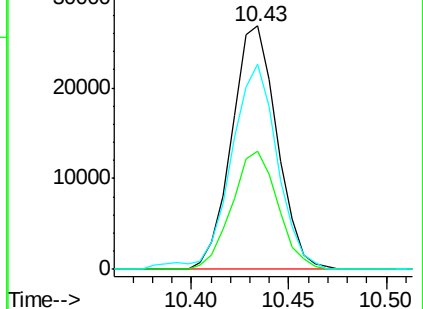
122 84.5 63.8 95.8



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: 4.898 ng/ul

RT: 10.68 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

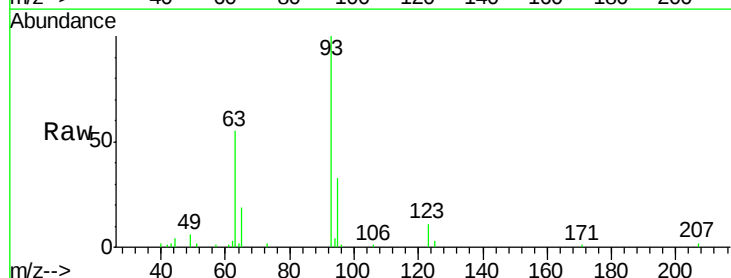
Tgt Ion: 93 Resp: 58197

Ion Ratio Lower Upper

93 100

95 32.8 24.7 37.1

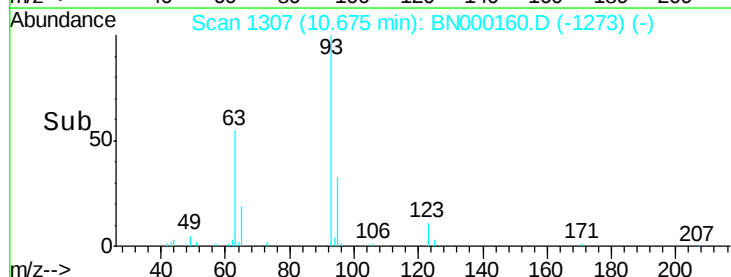
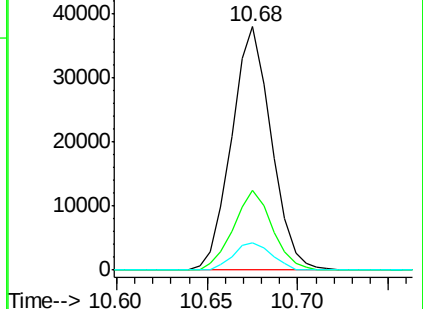
123 11.0 8.2 12.2

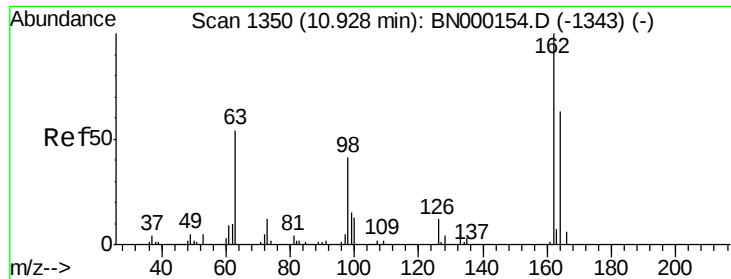


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

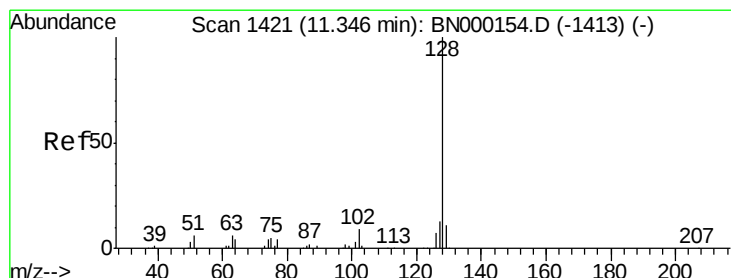
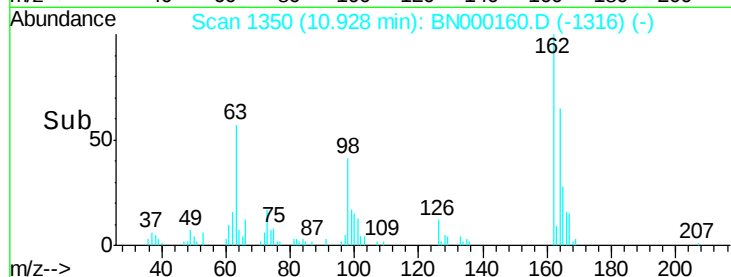
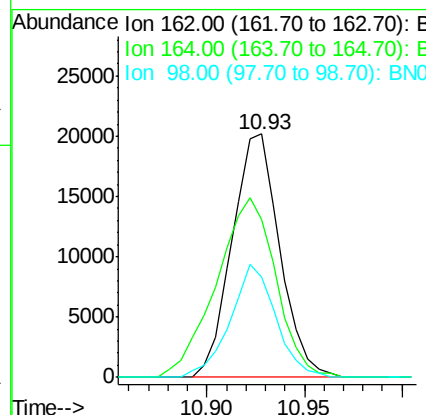
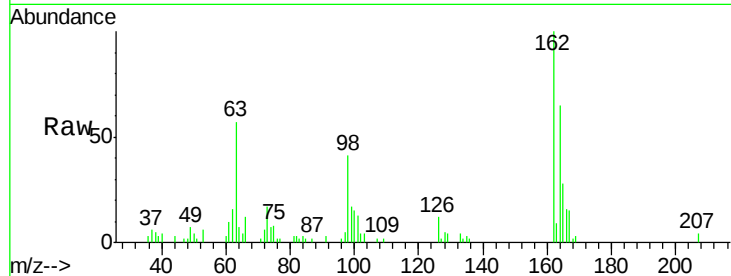




#27  
 2,4-Dichlorophenol  
 Concen: 4.819 ng/ul  
 RT: 10.93 min Scan# 1350  
 Delta R.T. 0.00 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

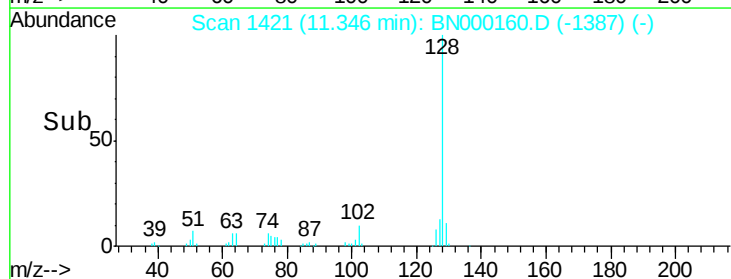
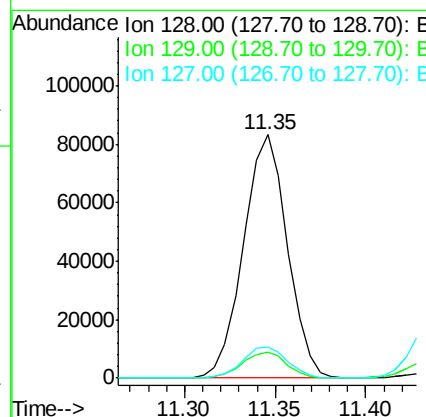
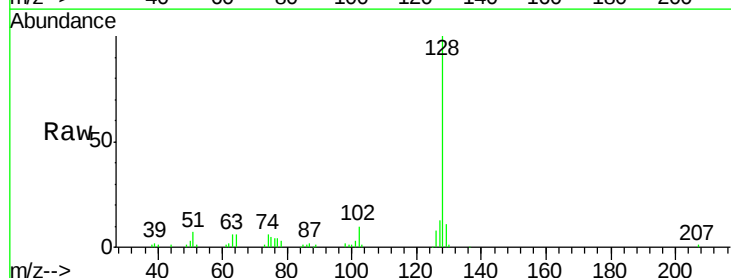
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-S-ME-04

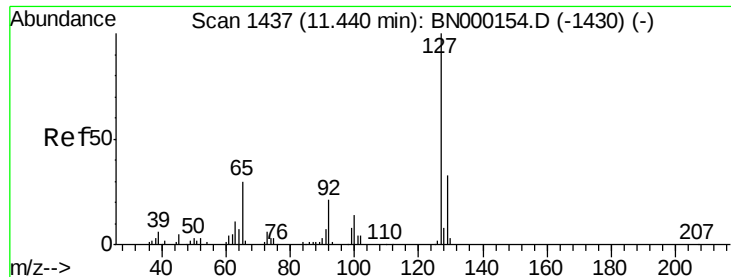
Tgt Ion:162 Resp: 34164  
 Ion Ratio Lower Upper  
 162 100  
 164 64.6 52.0 78.0  
 98 41.4 26.6 39.8#



#28  
 Naphthalene  
 Concen: 5.229 ng/ul  
 RT: 11.35 min Scan# 1421  
 Delta R.T. -0.00 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

Tgt Ion:128 Resp: 139908  
 Ion Ratio Lower Upper  
 128 100  
 129 10.8 8.3 12.5  
 127 12.9 10.8 16.2

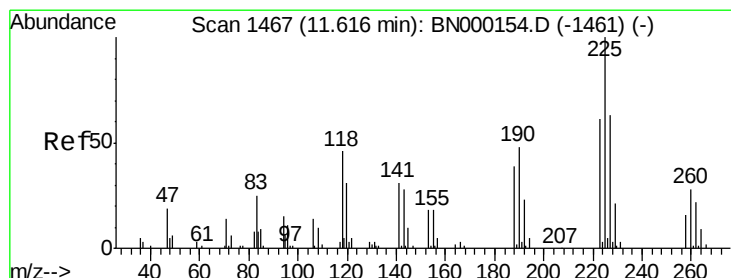
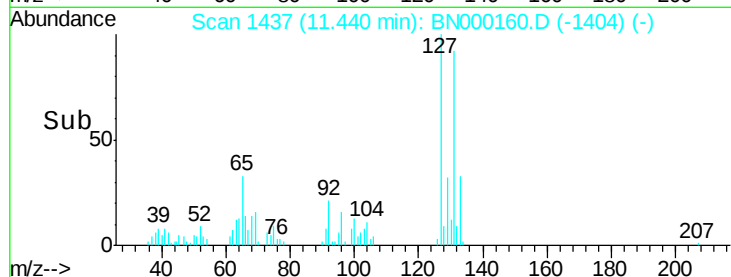
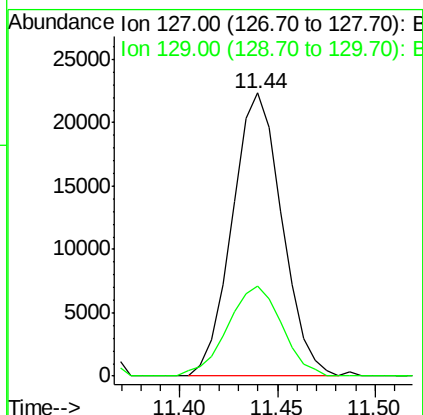
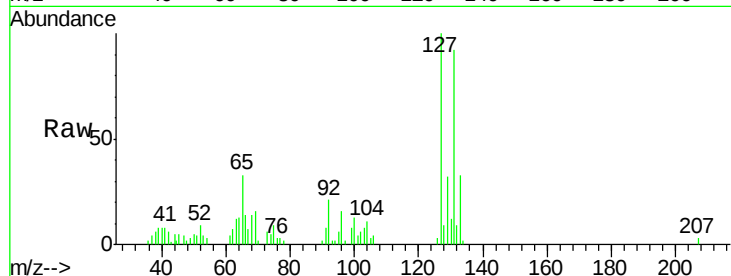




#30  
4-Chloroaniline  
Concen: 4.829 ng/ul  
RT: 11.44 min Scan# 1437  
Delta R.T. -0.01 min  
Lab File: BN000160.D  
Acq: 22 Feb 2018 14:05

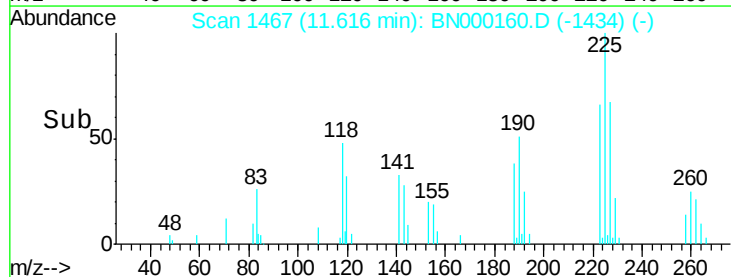
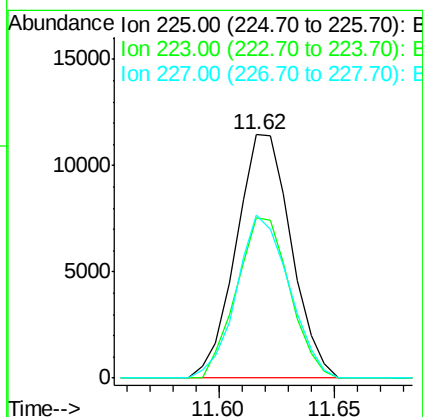
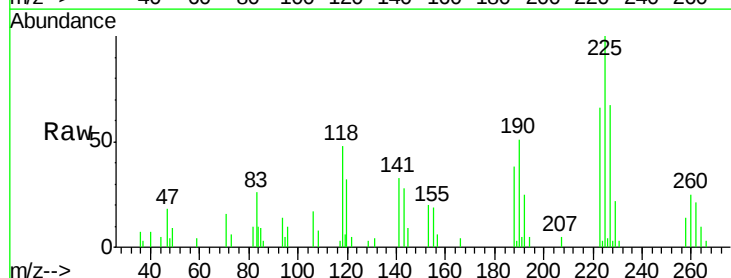
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-S-ME-04

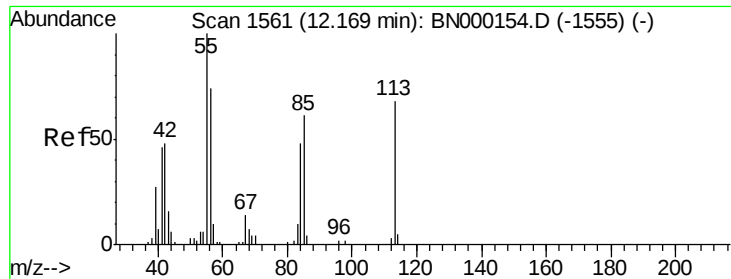
Tgt Ion:127 Resp: 39502  
Ion Ratio Lower Upper  
127 100  
129 32.0 24.6 37.0



#31  
Hexachlorobutadiene  
Concen: 5.063 ng/ul  
RT: 11.62 min Scan# 1467  
Delta R.T. -0.01 min  
Lab File: BN000160.D  
Acq: 22 Feb 2018 14:05

Tgt Ion:225 Resp: 19012  
Ion Ratio Lower Upper  
225 100  
223 66.3 48.1 72.1  
227 64.1 52.1 78.1





#32

Caprolactam

Concen: 3.503 ng/ul

RT: 12.16 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

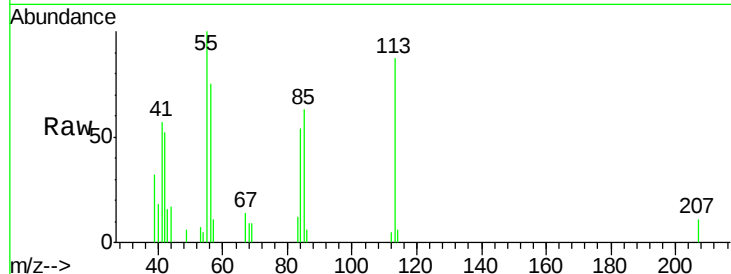
Tgt Ion:113 Resp: 9414

Ion Ratio Lower Upper

113 100

55 115.3 131.7 197.5#

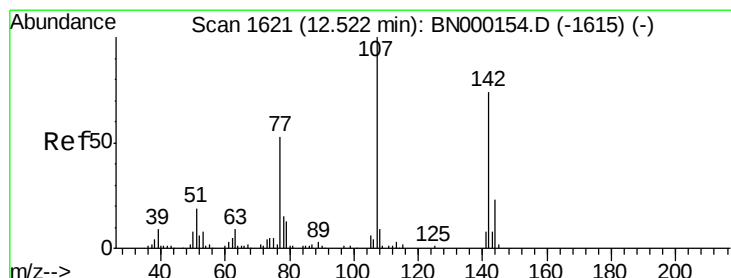
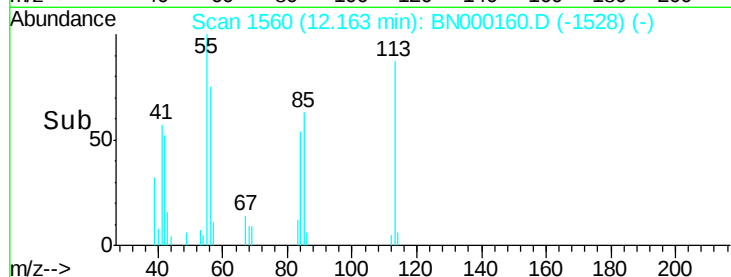
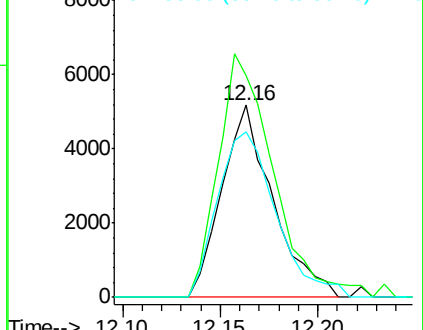
56 86.4 92.7 139.1#



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



#33

4-Chloro-3-methylphenol

Concen: 3.812 ng/ul

RT: 12.52 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

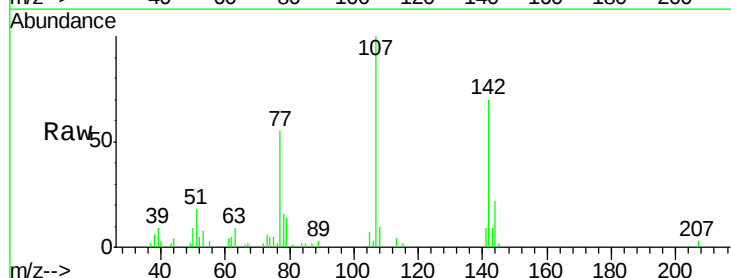
Tgt Ion:107 Resp: 33178

Ion Ratio Lower Upper

107 100

144 22.2 21.1 31.7

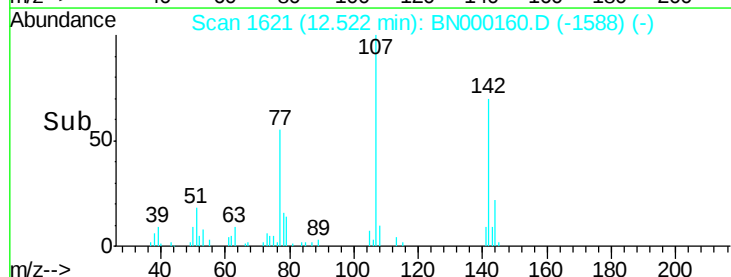
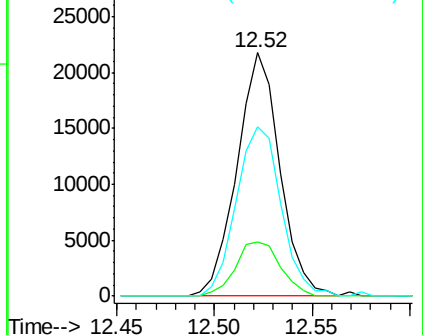
142 69.7 60.1 90.1

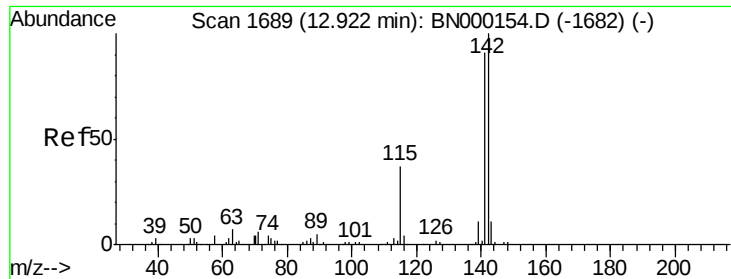


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

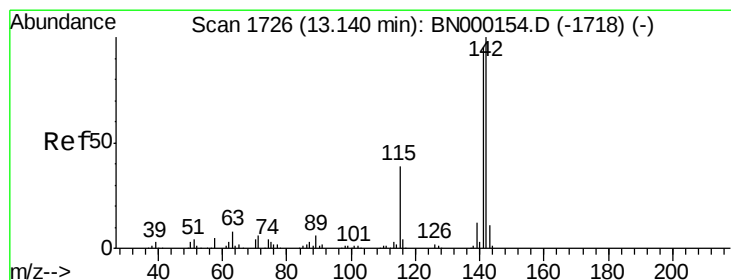
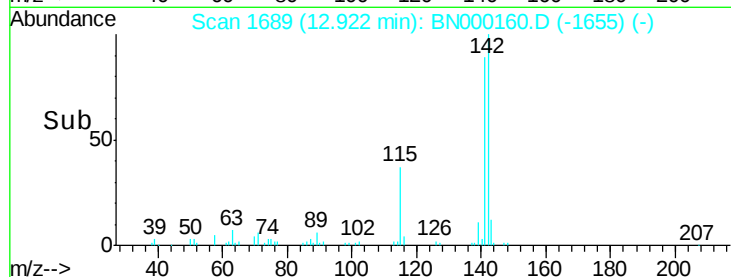
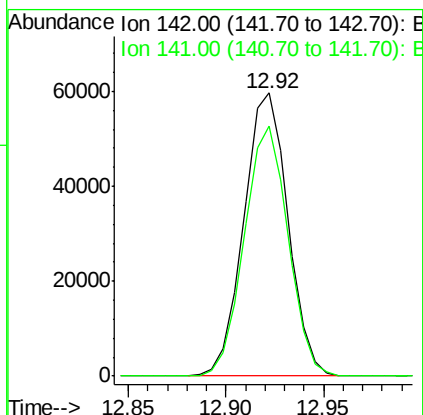
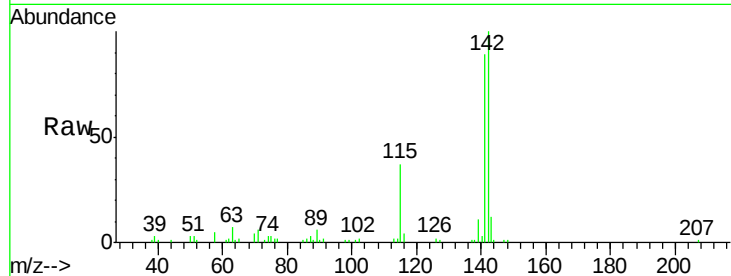




#34  
2-Methylnaphthalene  
Concen: 5.014 ng/ul  
RT: 12.92 min Scan# 1689  
Delta R.T. 0.00 min  
Lab File: BN000160.D  
Acq: 22 Feb 2018 14:05

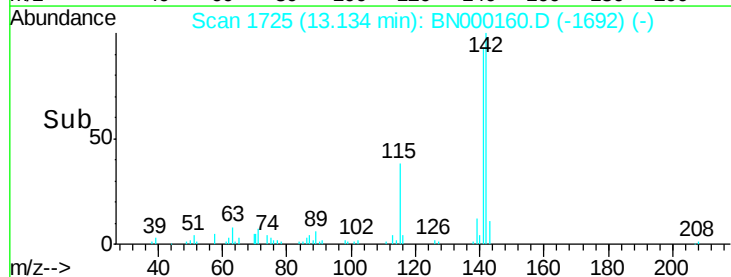
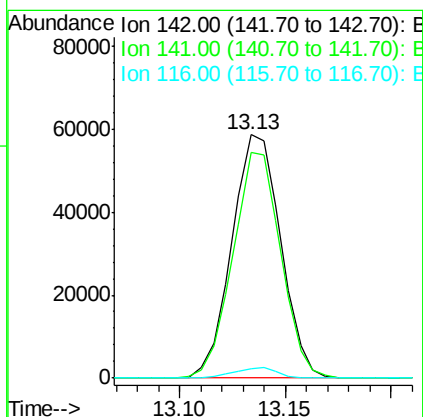
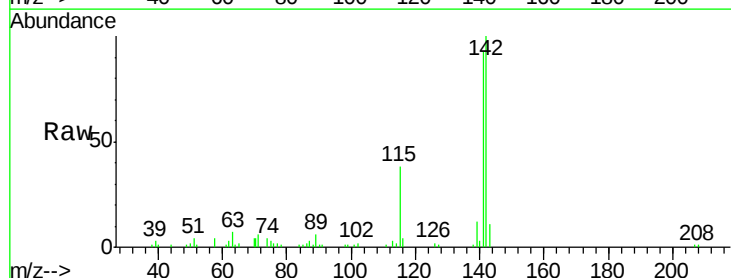
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-S-ME-04

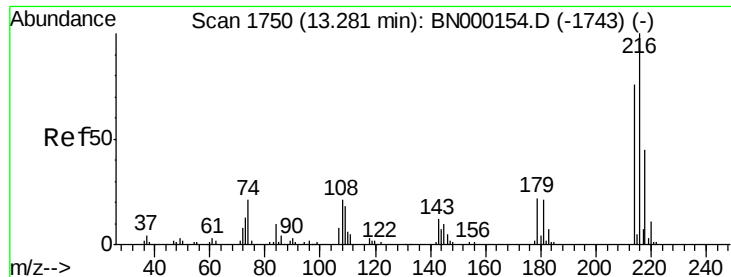
Tgt Ion:142 Resp: 93513  
Ion Ratio Lower Upper  
142 100  
141 88.6 71.4 107.2



#35  
1-Methylnaphthalene  
Concen: 5.031 ng/ul  
RT: 13.13 min Scan# 1725  
Delta R.T. -0.01 min  
Lab File: BN000160.D  
Acq: 22 Feb 2018 14:05

Tgt Ion:142 Resp: 94155  
Ion Ratio Lower Upper  
142 100  
141 92.8 76.6 115.0  
116 3.8 3.6 5.4

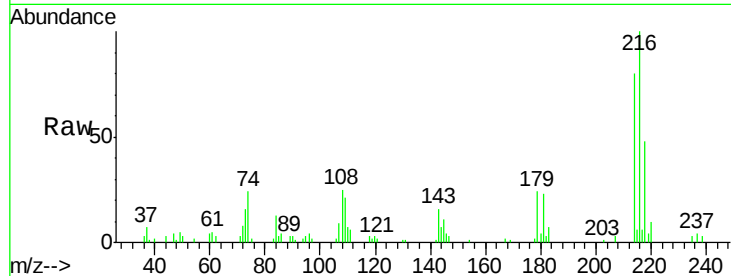




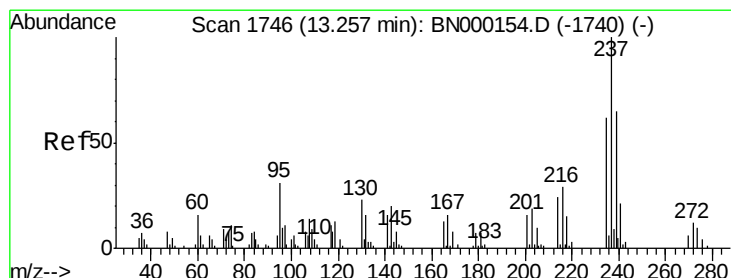
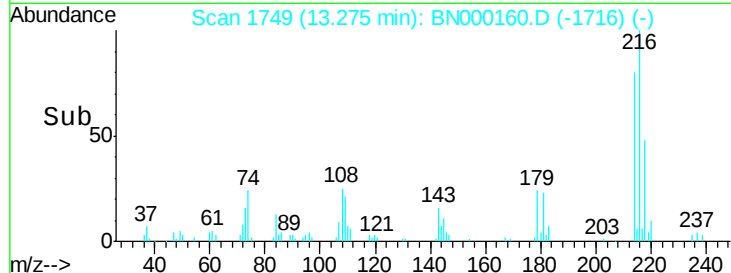
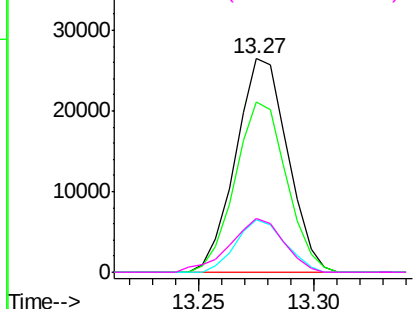
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 5.123 ng/ul  
 RT: 13.27 min Scan# 1749  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-S-ME-04

Tgt Ion:216 Resp: 41491  
 Ion Ratio Lower Upper  
 216 100  
 214 80.0 64.1 96.1  
 179 24.4 14.5 21.7#  
 108 25.2 10.4 15.6#

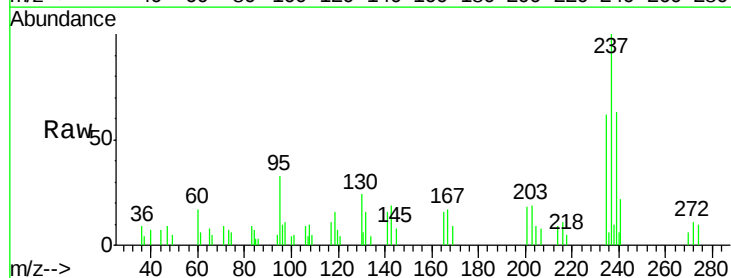


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

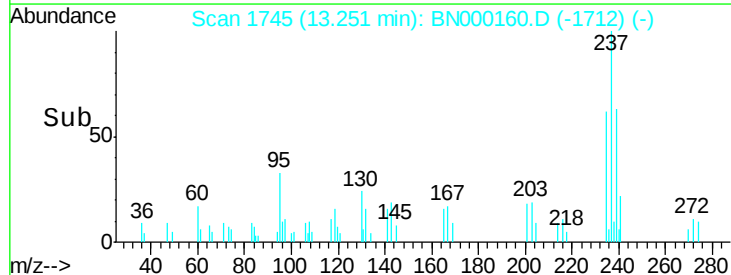
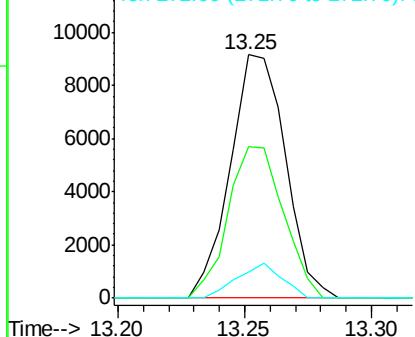


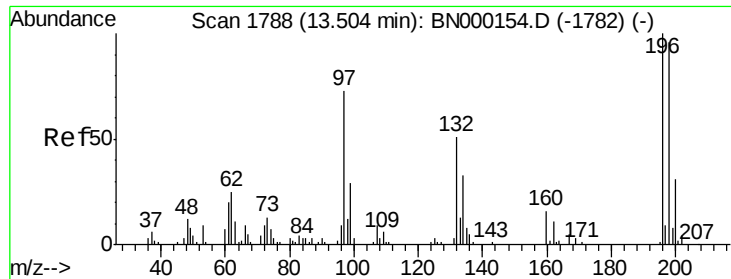
#38  
 Hexachlorocyclopentadiene  
 Concen: 3.544 ng/ul  
 RT: 13.25 min Scan# 1745  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

Tgt Ion:237 Resp: 13890  
 Ion Ratio Lower Upper  
 237 100  
 235 62.2 49.5 74.3  
 272 10.6 8.6 12.8



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

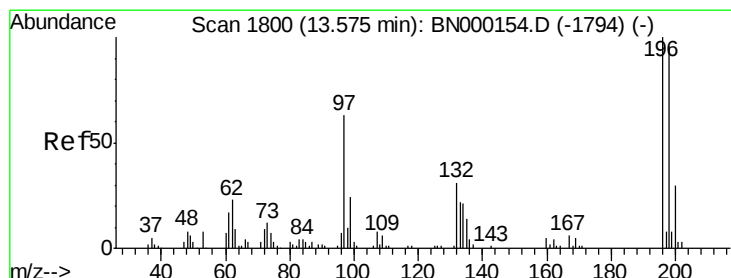
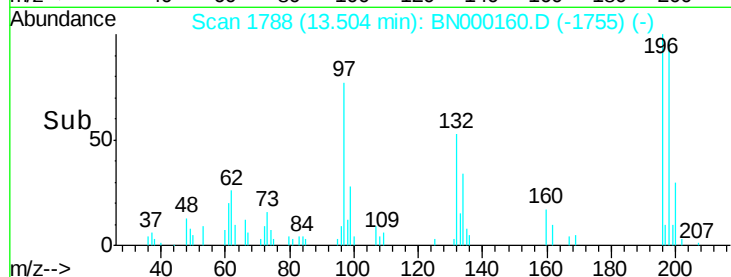
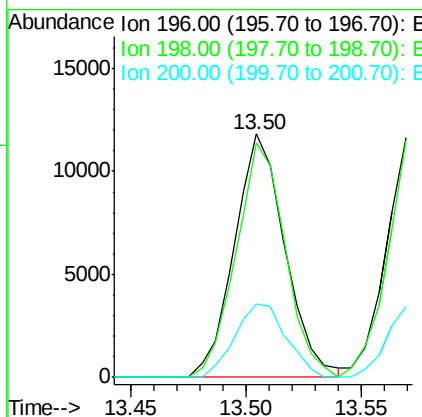
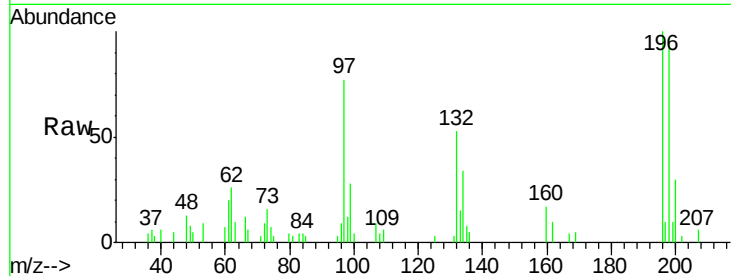




#39  
 2,4,6-Trichlorophenol  
 Concen: 3.536 ng/ul  
 RT: 13.50 min Scan# 1788  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

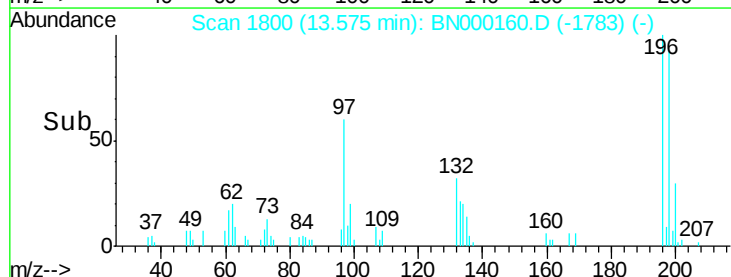
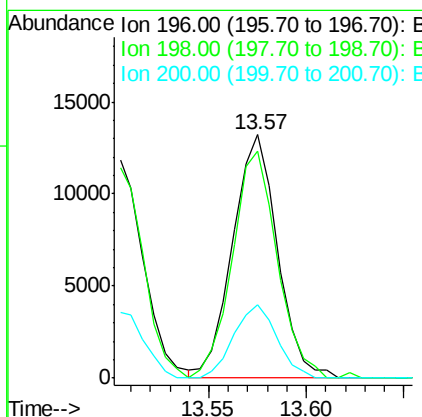
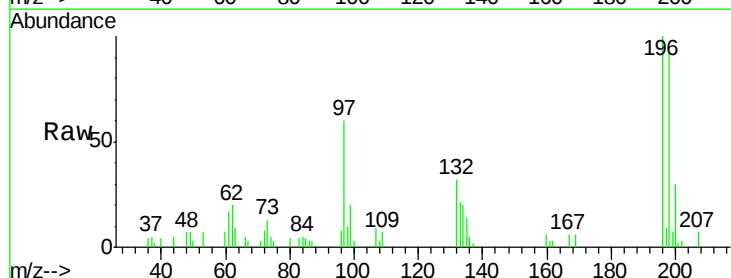
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-S-ME-04

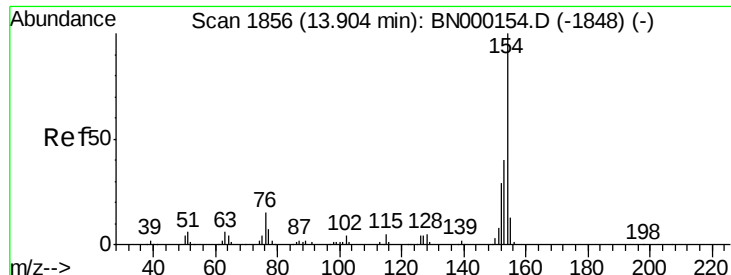
Tgt Ion:196 Resp: 18052  
 Ion Ratio Lower Upper  
 196 100  
 198 96.6 75.9 113.9  
 200 30.2 25.8 38.6



#40  
 2,4,5-Trichlorophenol  
 Concen: 3.838 ng/ul  
 RT: 13.57 min Scan# 1800  
 Delta R.T. 0.00 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

Tgt Ion:196 Resp: 21062  
 Ion Ratio Lower Upper  
 196 100  
 198 93.0 74.7 112.1  
 200 29.9 25.4 38.0

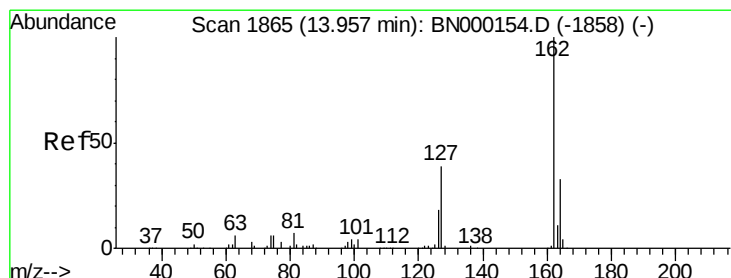
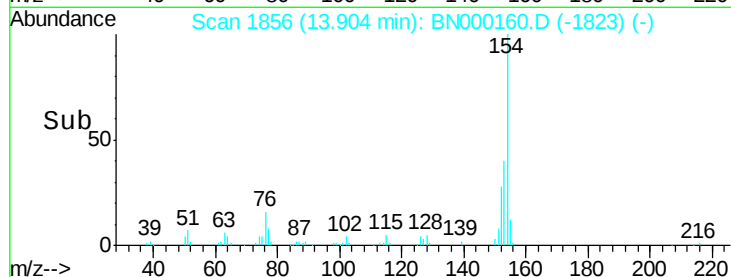
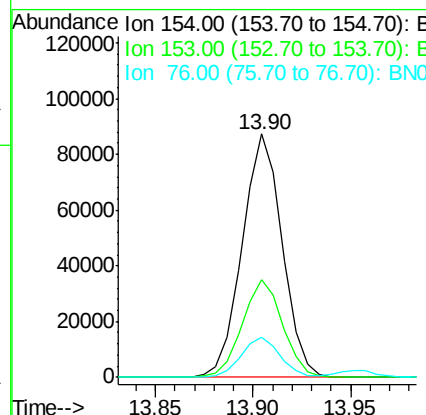
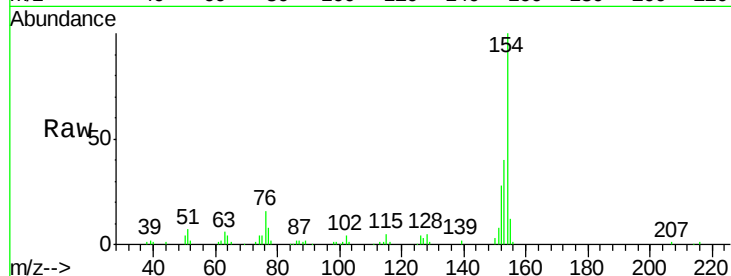




#41  
 1,1'-Biphenyl  
 Concen: 5.130 ng/ul  
 RT: 13.90 min Scan# 1856  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

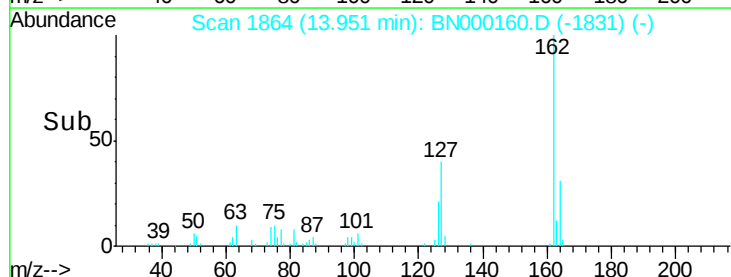
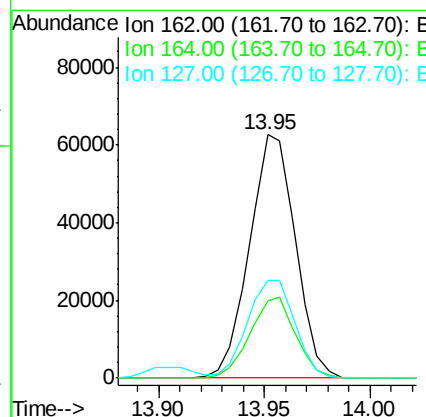
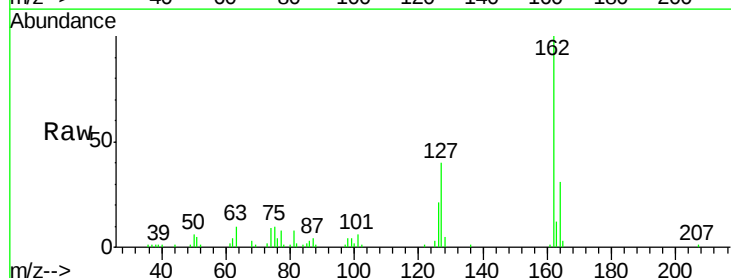
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-S-ME-04

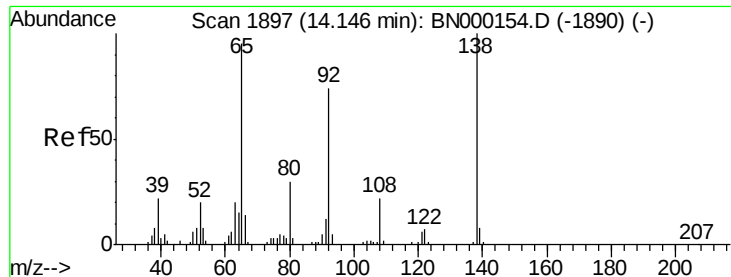
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.0  | 34.0  | 51.0  |
| 76      | 16.5  | 8.4   | 12.6  |



#42  
 2-Chloronaphthalene  
 Concen: 5.108 ng/ul  
 RT: 13.95 min Scan# 1864  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 31.5  | 26.2  | 39.4  |
| 127     | 40.2  | 29.5  | 44.3  |





#43

2-Nitroaniline

Concen: 3.328 ng/ul

RT: 14.14 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

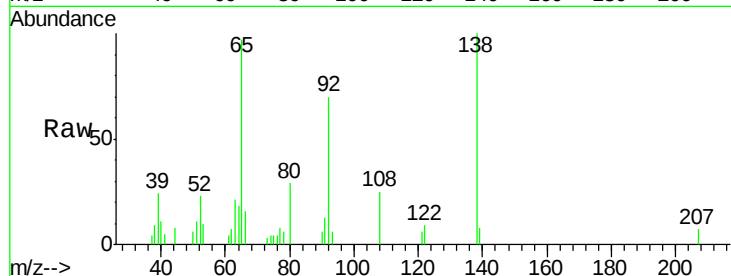
Tgt Ion: 65 Resp: 15840

Ion Ratio Lower Upper

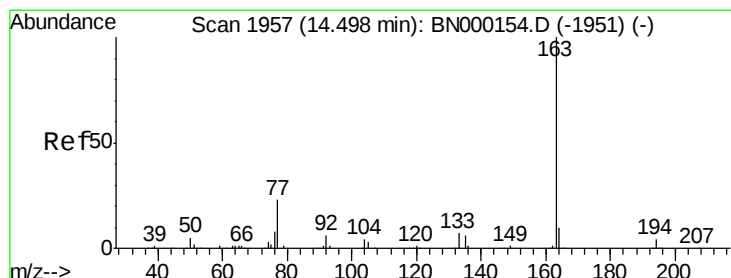
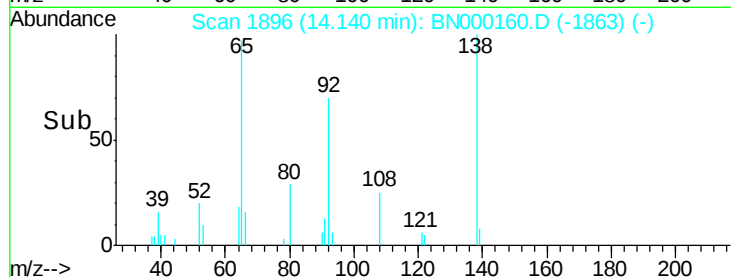
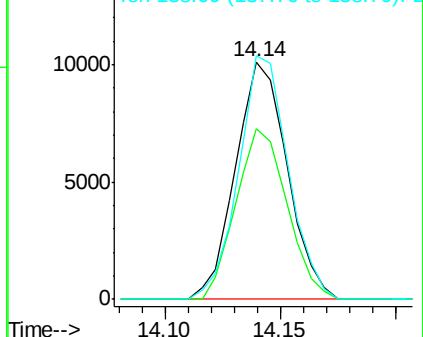
65 100

92 71.9 57.0 85.4

138 102.6 87.2 130.8



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): BNO



#45

Dimethylphthalate

Concen: 5.091 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

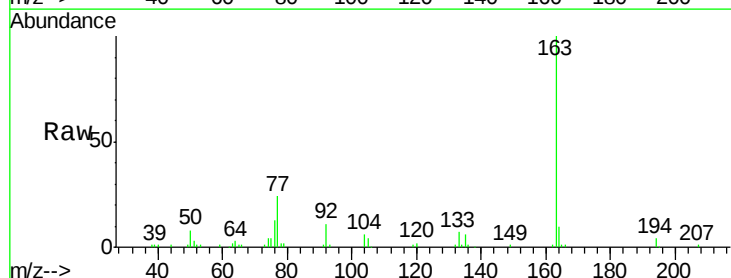
Tgt Ion: 163 Resp: 116173

Ion Ratio Lower Upper

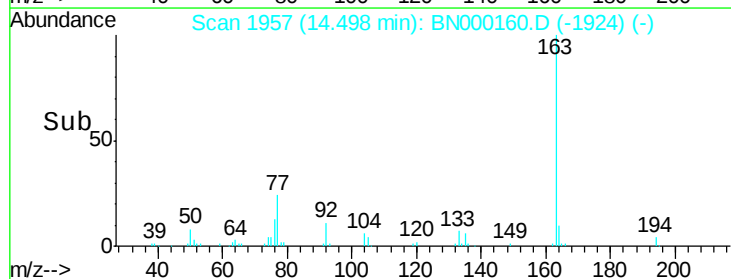
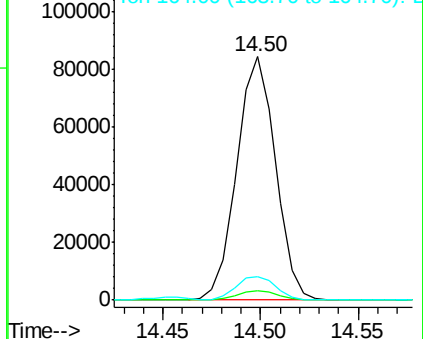
163 100

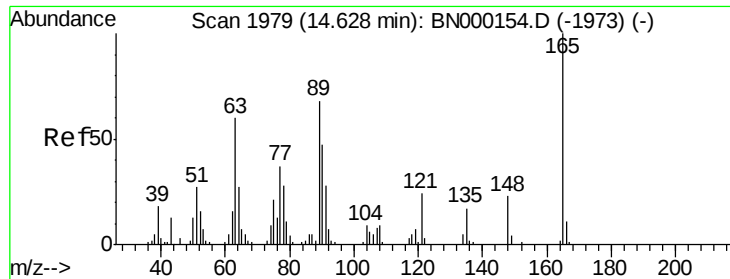
194 3.8 4.0 6.0#

164 9.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): B  
Ion 194.00 (193.70 to 194.70): B  
Ion 164.00 (163.70 to 164.70): B

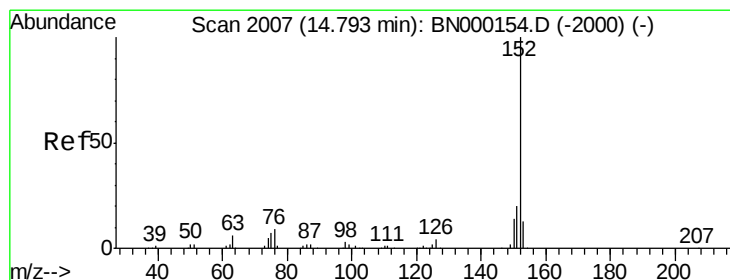
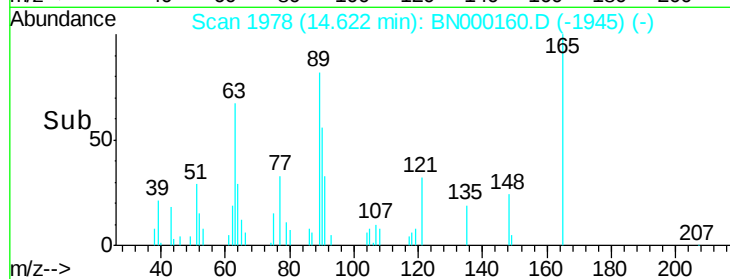
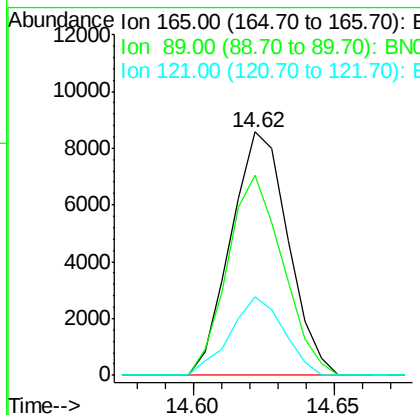
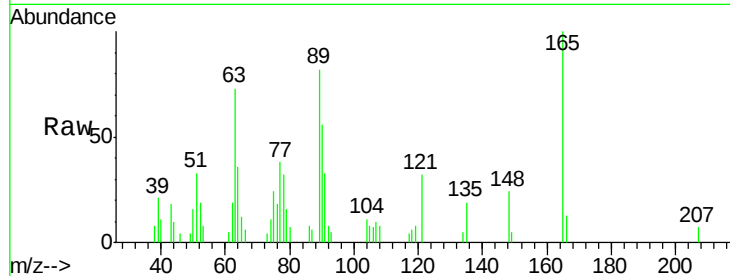




#46  
 2,6-Dinitrotoluene  
 Concen: 3.168 ng/ul  
 RT: 14.62 min Scan# 1978  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

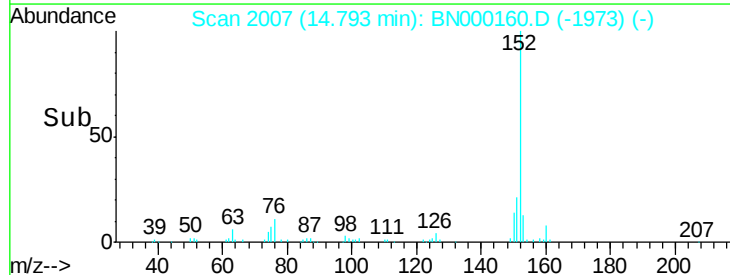
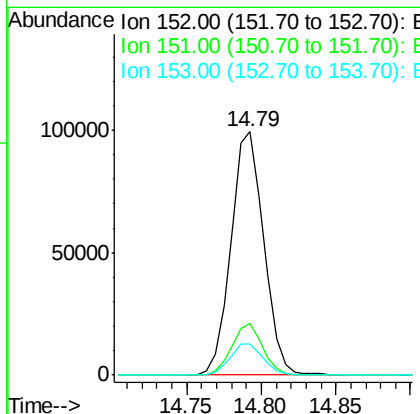
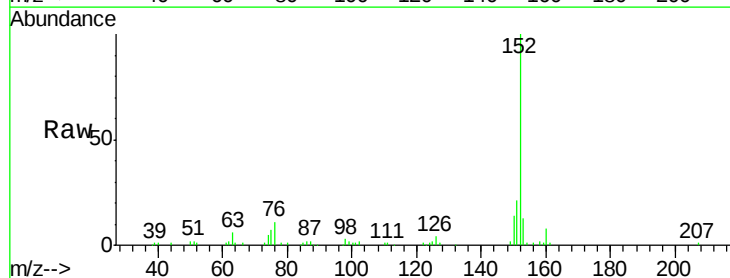
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-S-ME-04

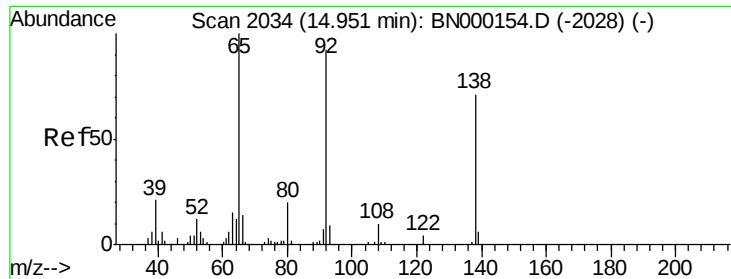
Tgt Ion:165 Resp: 12079  
 Ion Ratio Lower Upper  
 165 100  
 89 81.9 43.8 65.8#  
 121 32.4 17.8 26.6#



#48  
 Acenaphthylene  
 Concen: 5.205 ng/ul  
 RT: 14.79 min Scan# 2007  
 Delta R.T. 0.00 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

Tgt Ion:152 Resp: 152472  
 Ion Ratio Lower Upper  
 152 100  
 151 21.0 16.1 24.1  
 153 12.8 10.8 16.2

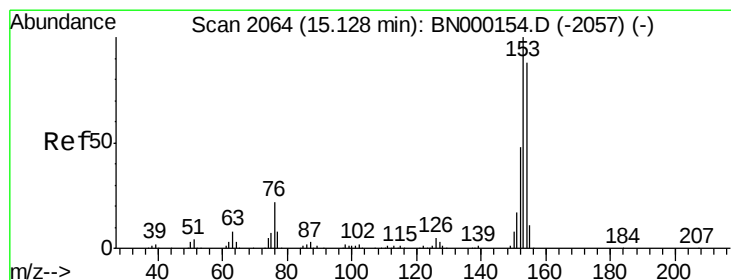
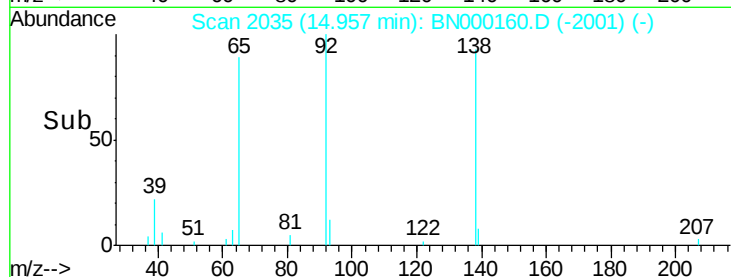
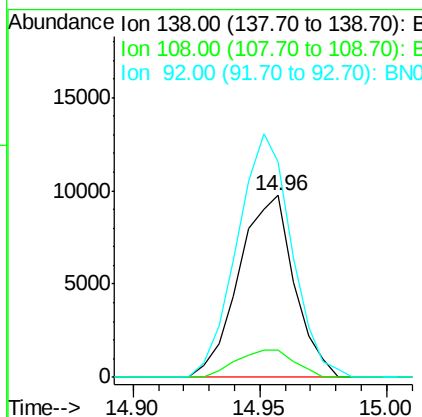
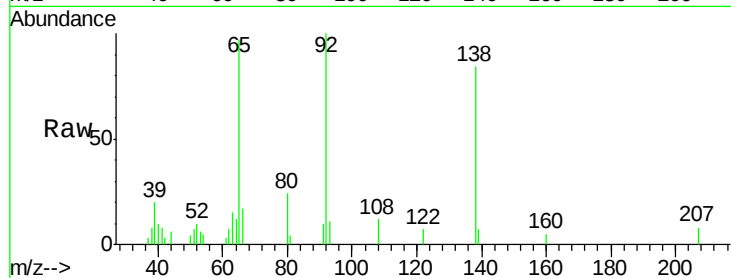




#49  
3-Nitroaniline  
Concen: 3.240 ng/ul  
RT: 14.96 min Scan# 2035  
Delta R.T. 0.00 min  
Lab File: BN000160.D  
Acq: 22 Feb 2018 14:05

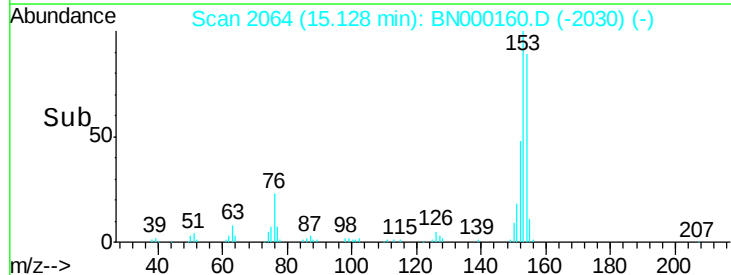
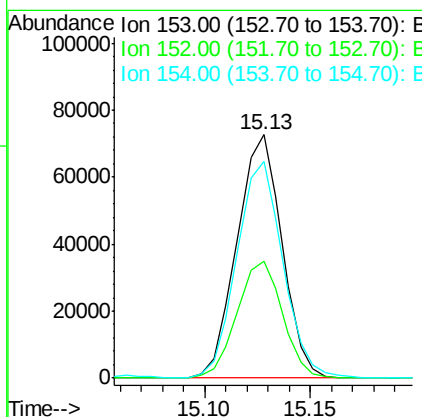
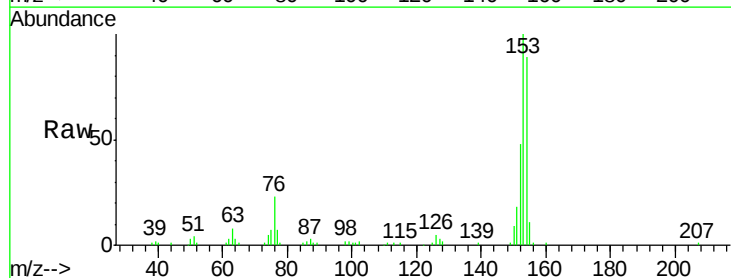
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-S-ME-04

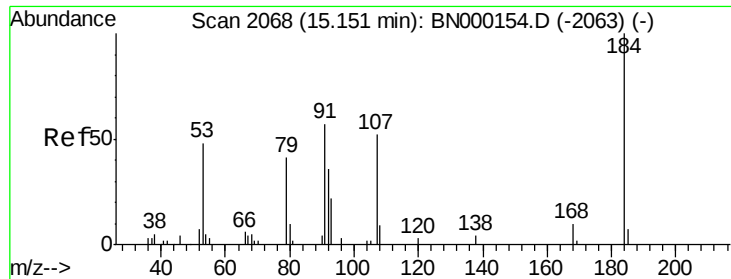
Tgt Ion:138 Resp: 14784  
Ion Ratio Lower Upper  
138 100  
108 14.7 7.6 11.4#  
92 118.4 94.2 141.2



#50  
Acenaphthene  
Concen: 5.206 ng/ul  
RT: 15.13 min Scan# 2064  
Delta R.T. 0.00 min  
Lab File: BN000160.D  
Acq: 22 Feb 2018 14:05

Tgt Ion:153 Resp: 107550  
Ion Ratio Lower Upper  
153 100  
152 48.1 37.9 56.9  
154 89.1 69.8 104.6

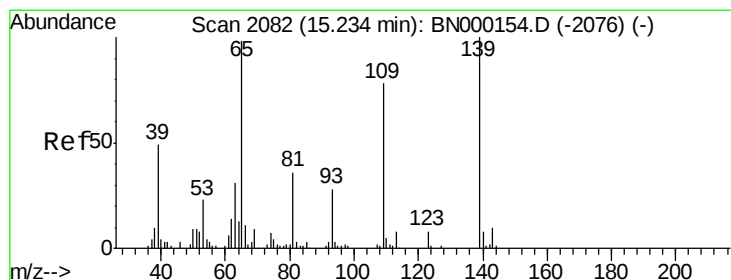
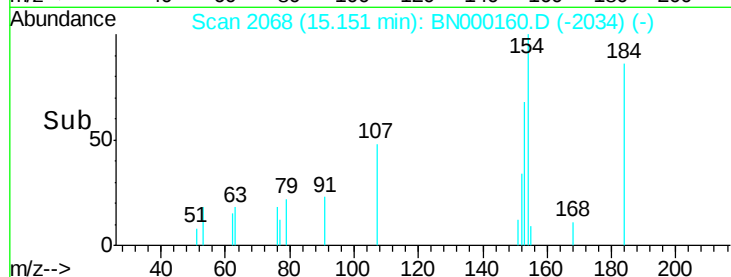
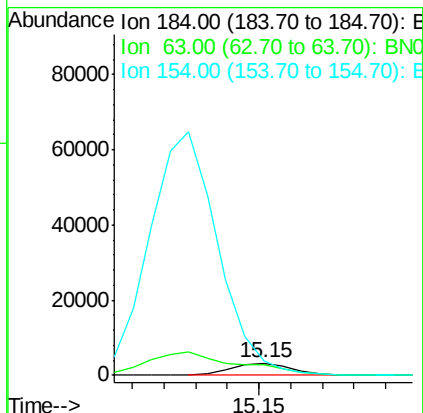
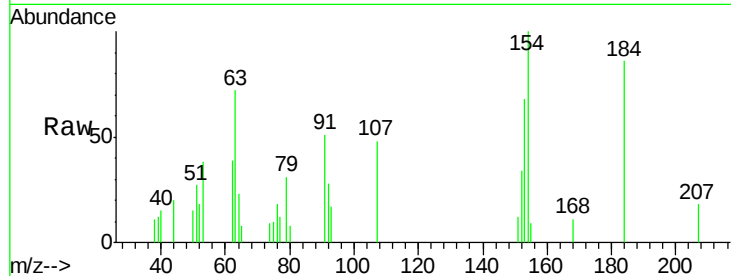




#51  
 2,4-Dinitrophenol  
 Concen: 2.469 ng/ul  
 RT: 15.15 min Scan# 2068  
 Delta R.T. 0.00 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

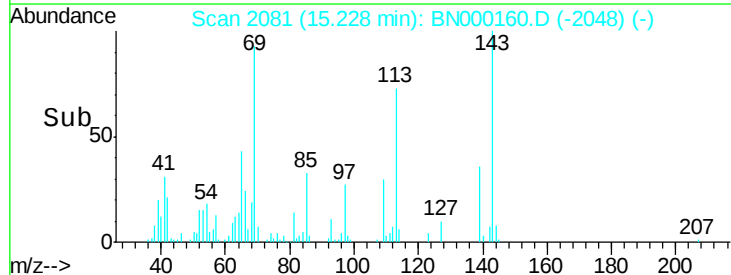
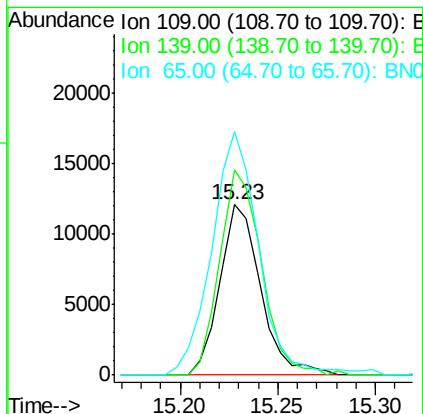
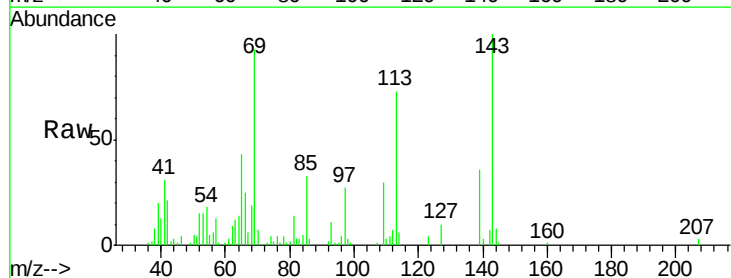
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-S-ME-04

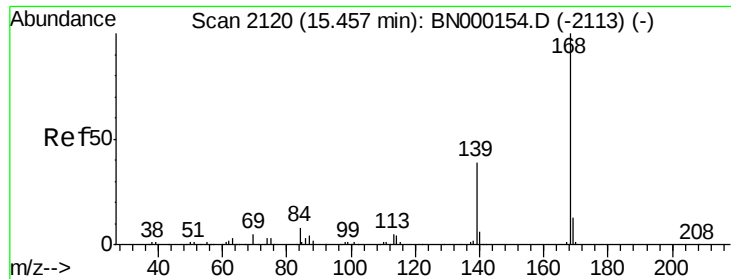
Tgt Ion:184 Resp: 4367  
 Ion Ratio Lower Upper  
 184 100  
 63 83.5 39.7 59.5#  
 154 115.9 45.0 67.6#



#53  
 4-Nitrophenol  
 Concen: 4.650 ng/ul  
 RT: 15.23 min Scan# 2081  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

Tgt Ion:109 Resp: 17501  
 Ion Ratio Lower Upper  
 109 100  
 139 120.7 91.2 136.8  
 65 143.0 92.6 139.0#





#54

Dibenzo(f,h)quinoxaline

Concen: 5.370 ng/ul

RT: 15.46 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

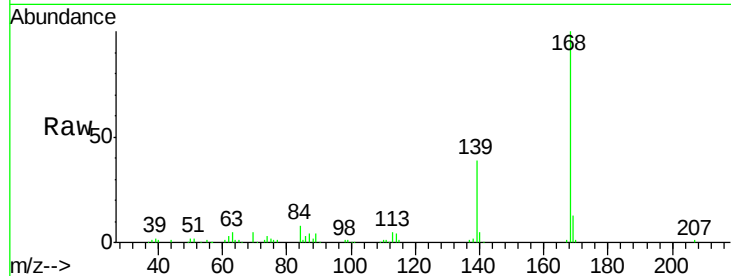
MDL-S-ME-04

Tgt Ion:168 Resp: 153986

Ion Ratio Lower Upper

168 100

139 38.7 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

120000

100000

80000

60000

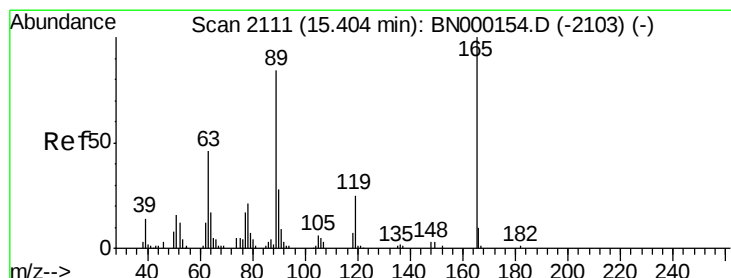
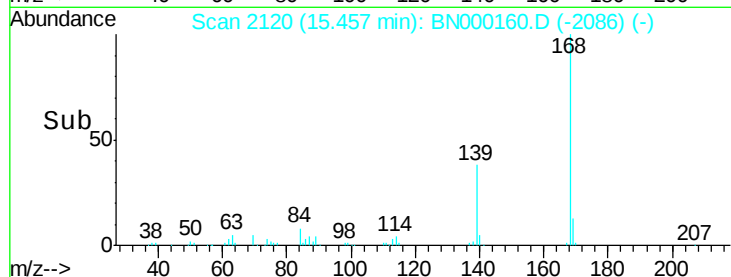
40000

20000

0

15.40 15.45 15.50

Time-->



#55

2,4-Dinitrotoluene

Concen: 3.821 ng/ul

RT: 15.40 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

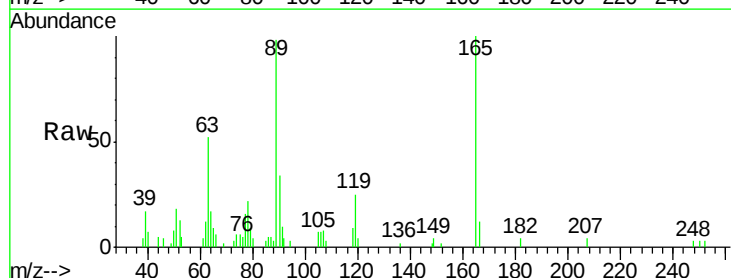
Tgt Ion:165 Resp: 22531

Ion Ratio Lower Upper

165 100

63 51.8 31.4 47.0#

182 4.1 2.7 4.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E

20000

15000

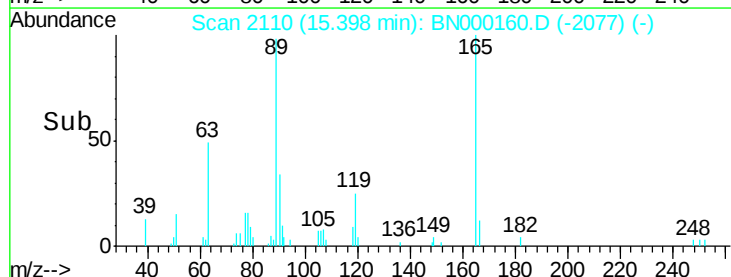
10000

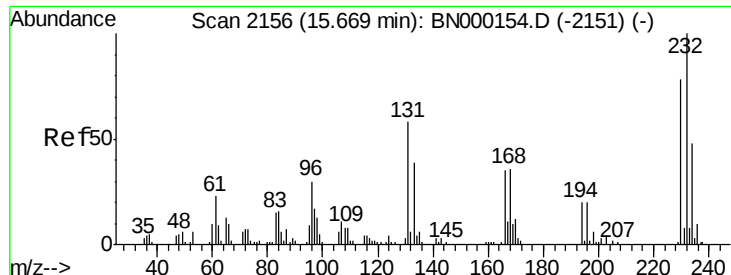
5000

0

15.35 15.40

Time-->

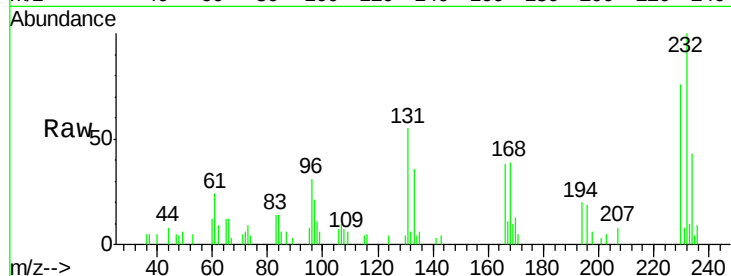




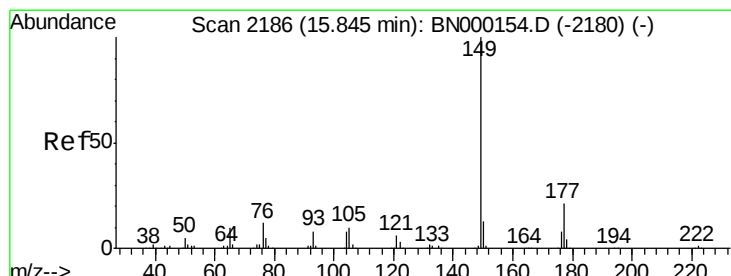
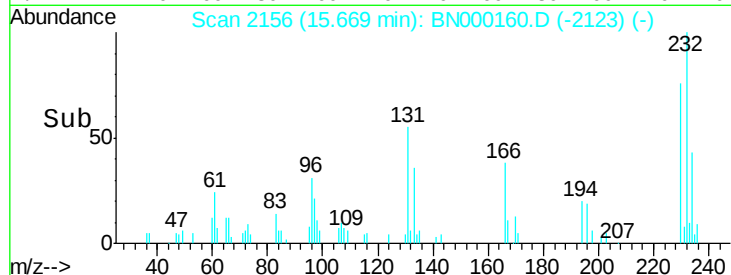
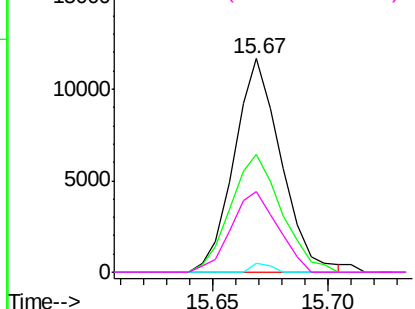
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 3.733 ng/ul  
 RT: 15.67 min Scan# 2156  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-S-ME-04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 16525 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 55.4  | 48.0  | 72.0  |
| 130      | 4.1   | 4.0   | 6.0   |
| 166      | 37.7  | 32.0  | 48.0  |

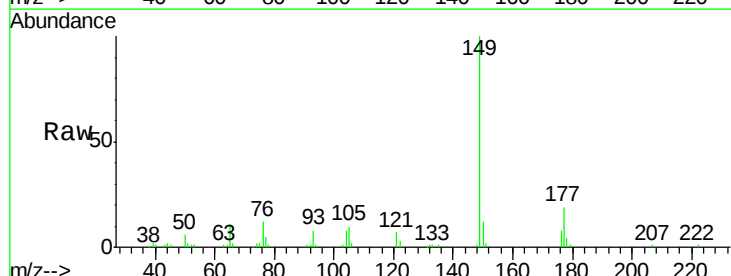


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

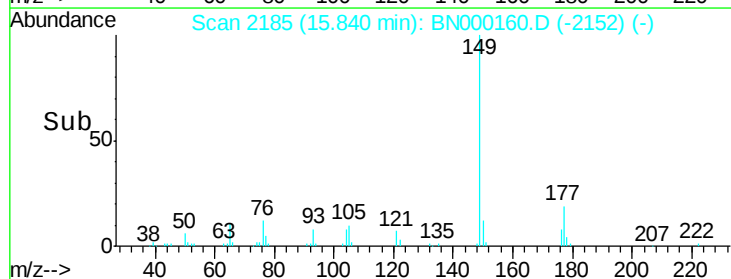
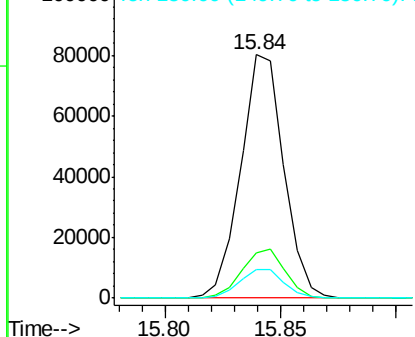


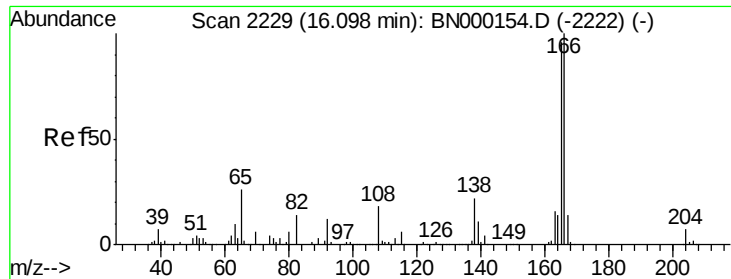
#57  
 Diethylphthalate  
 Concen: 4.547 ng/ul  
 RT: 15.84 min Scan# 2185  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 104540 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 18.8  | 19.3  | 28.9#  |
| 150      | 11.6  | 10.6  | 15.8   |



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: 5.396 ng/ul

RT: 16.10 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

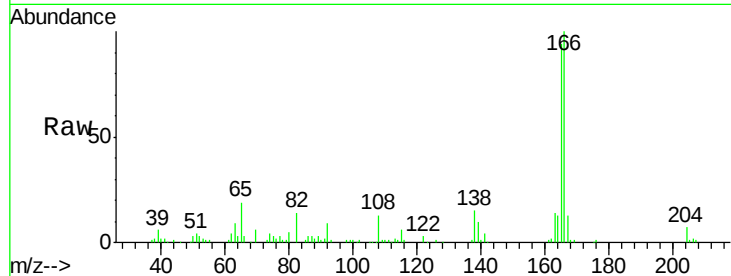
Tgt Ion:166 Resp: 124246

Ion Ratio Lower Upper

166 100

165 94.3 78.4 117.6

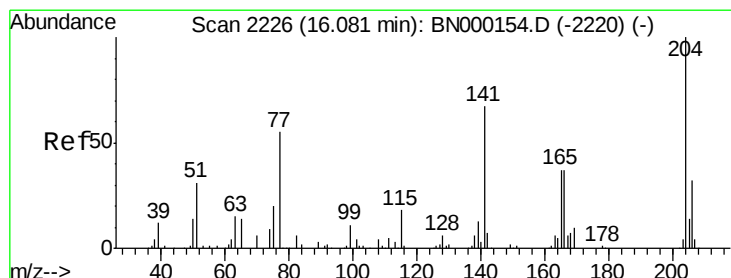
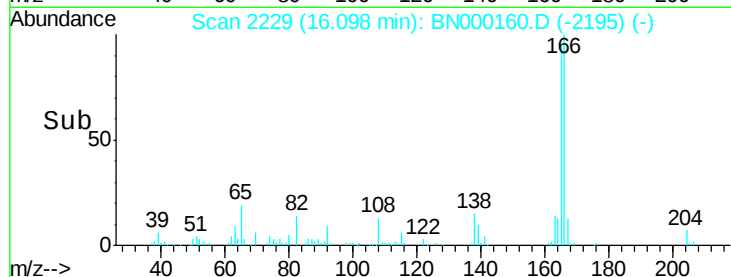
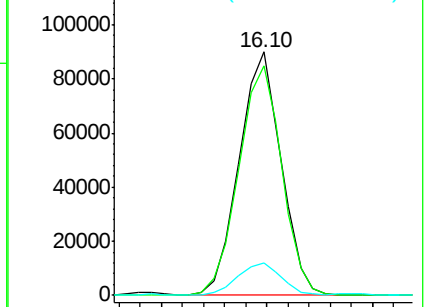
167 13.4 11.1 16.7



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: 5.415 ng/ul

RT: 16.08 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

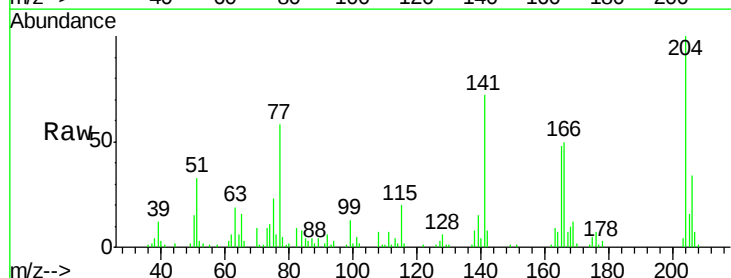
Tgt Ion:204 Resp: 56307

Ion Ratio Lower Upper

204 100

206 34.4 26.6 40.0

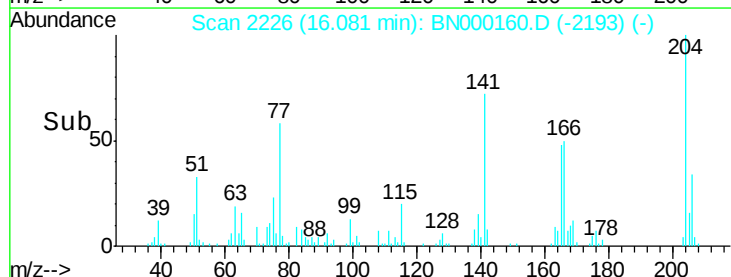
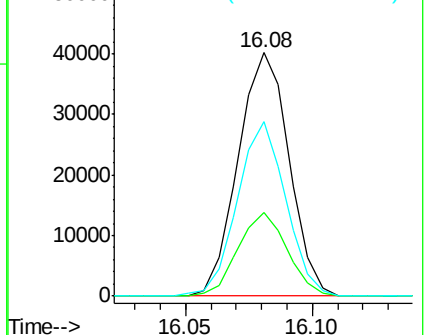
141 71.7 40.7 61.1#

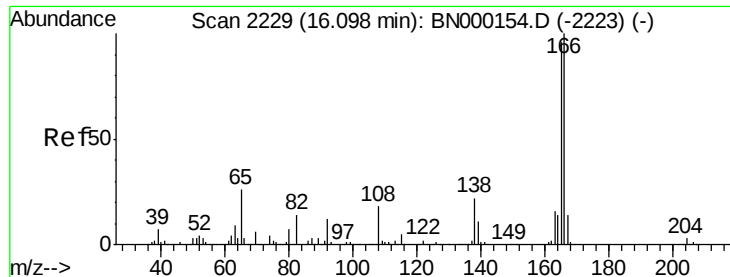


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

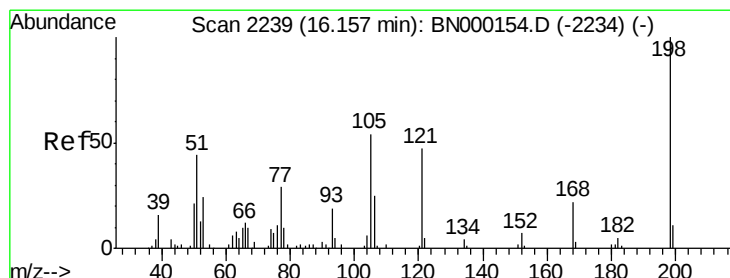
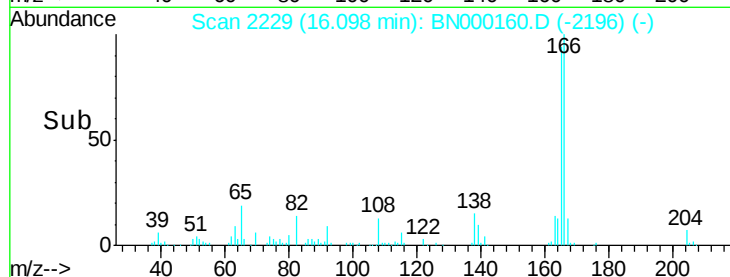
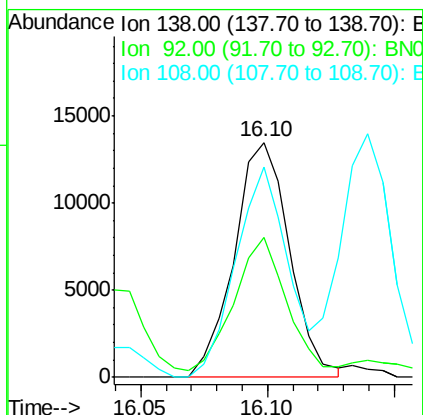
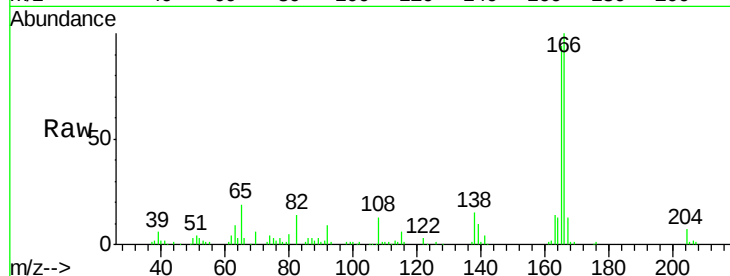




#61  
 4-Nitroaniline  
 Concen: 3.748 ng/ul  
 RT: 16.10 min Scan# 2229  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

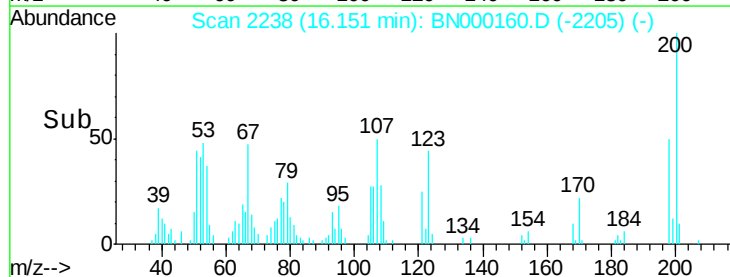
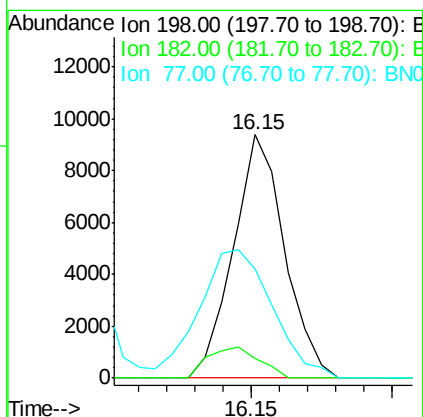
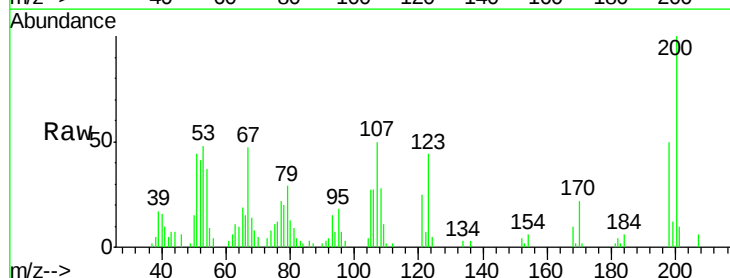
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-S-ME-04

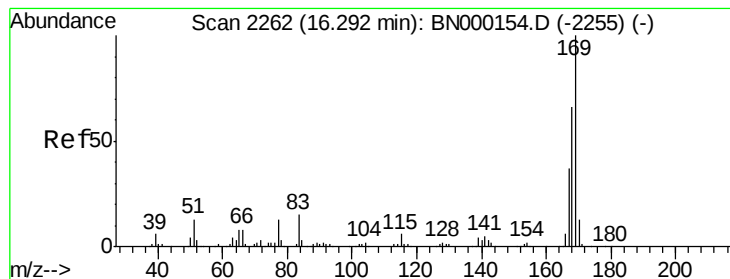
Tgt Ion:138 Resp: 20459  
 Ion Ratio Lower Upper  
 138 100  
 92 59.5 38.2 57.4#  
 108 89.7 70.0 105.0



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 3.678 ng/ul  
 RT: 16.15 min Scan# 2238  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

Tgt Ion:198 Resp: 11824  
 Ion Ratio Lower Upper  
 198 100  
 182 8.1 3.5 5.3#  
 77 44.7 18.2 27.4#





#65

N-Nitrosodiphenylamine

Concen: 4.680 ng/ul

RT: 16.29 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

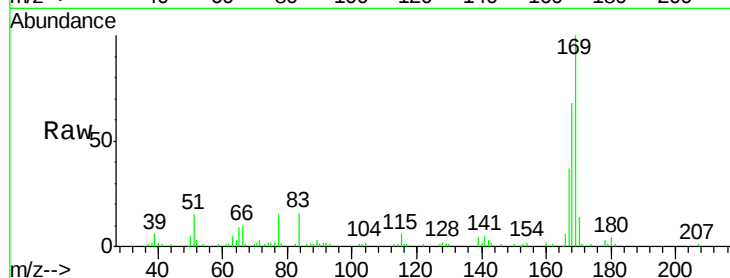
Tgt Ion:169 Resp: 96275

Ion Ratio Lower Upper

169 100

168 67.9 53.8 80.8

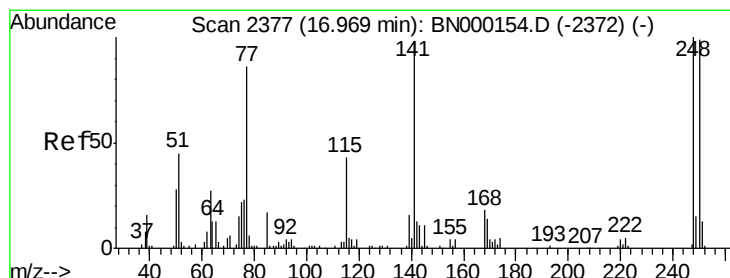
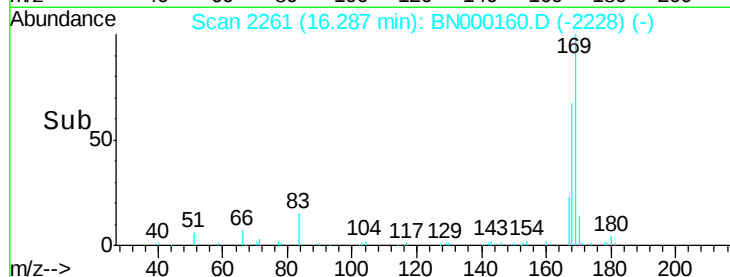
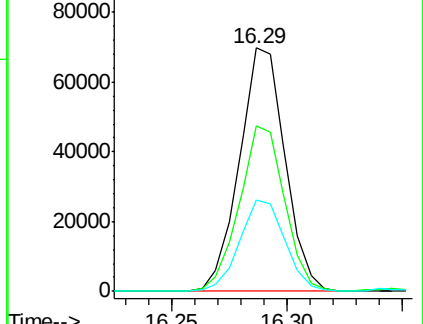
167 37.5 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 4.586 ng/ul

RT: 16.97 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

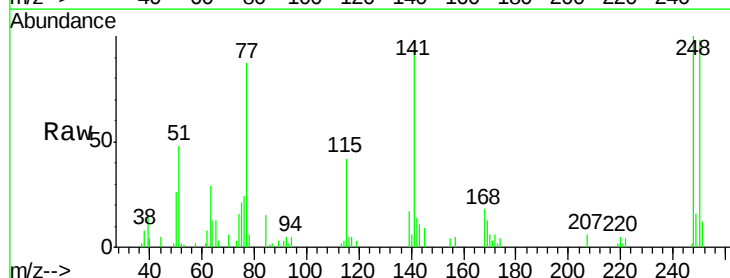
Tgt Ion:248 Resp: 27604

Ion Ratio Lower Upper

248 100

250 98.0 79.0 118.4

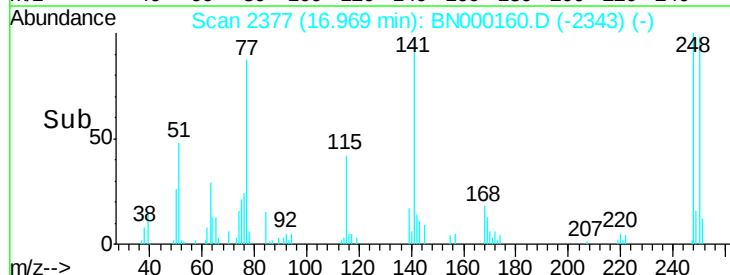
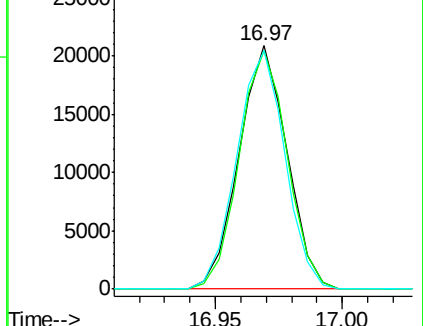
141 97.9 51.9 77.9#

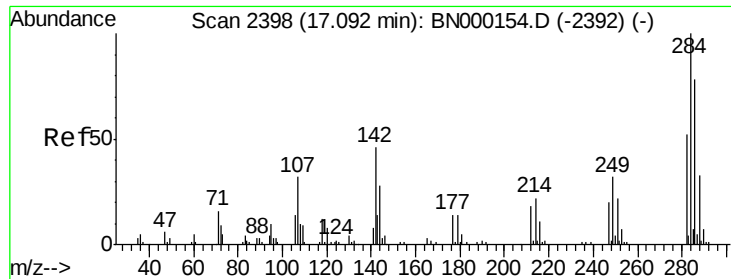


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

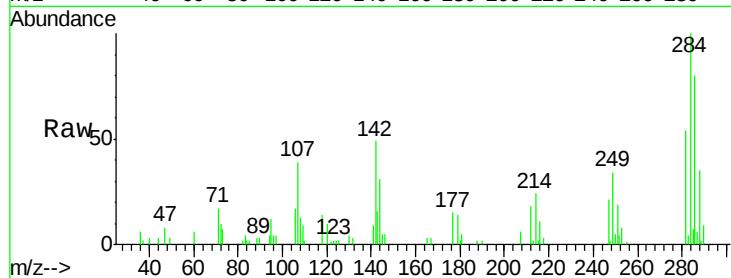




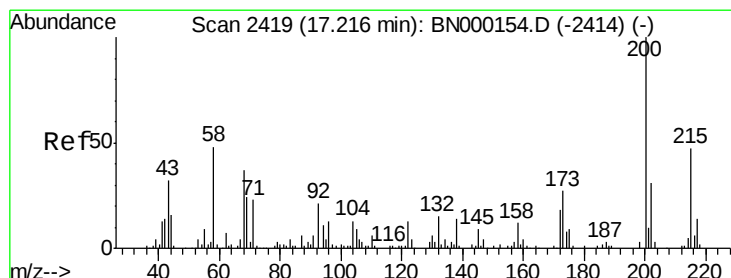
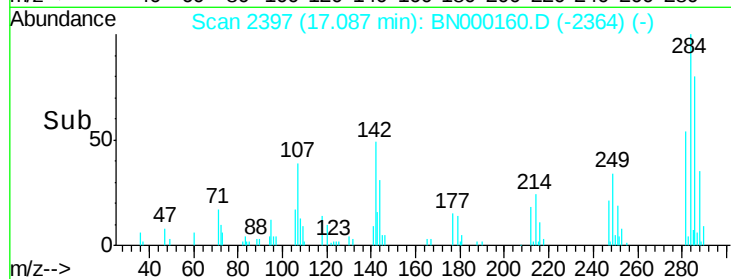
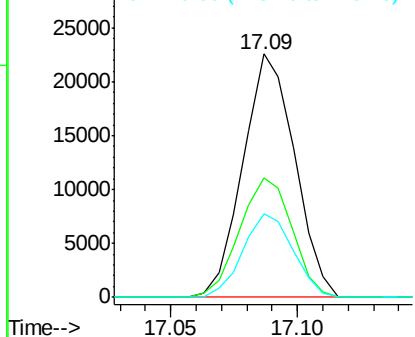
#67  
Hexachlorobenzene  
Concen: 4.781 ng/ul  
RT: 17.09 min Scan# 2397  
Delta R.T. -0.01 min  
Lab File: BN000160.D  
Acq: 22 Feb 2018 14:05

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-S-ME-04

Tgt Ion:284 Resp: 32068  
Ion Ratio Lower Upper  
284 100  
142 49.0 21.3 31.9#  
249 34.1 26.3 39.5

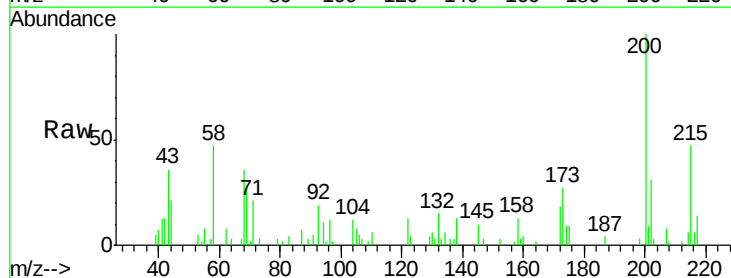


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

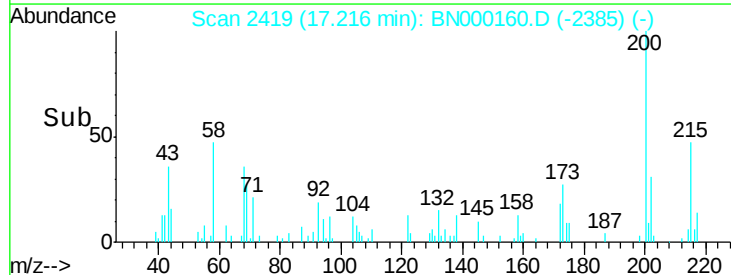
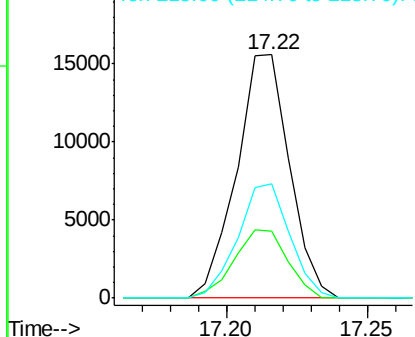


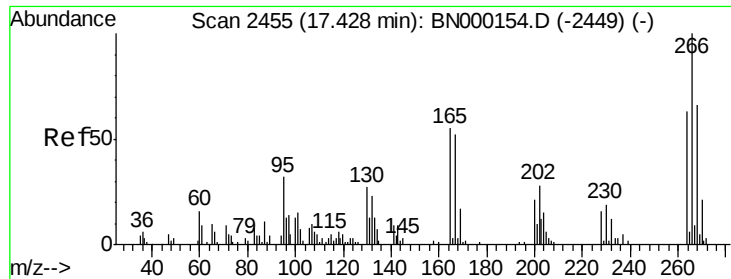
#68  
Atrazine  
Concen: 3.276 ng/ul  
RT: 17.22 min Scan# 2419  
Delta R.T. 0.00 min  
Lab File: BN000160.D  
Acq: 22 Feb 2018 14:05

Tgt Ion:200 Resp: 20378  
Ion Ratio Lower Upper  
200 100  
173 27.3 20.6 31.0  
215 46.7 39.8 59.6



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: 2.638 ng/ul

RT: 17.43 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

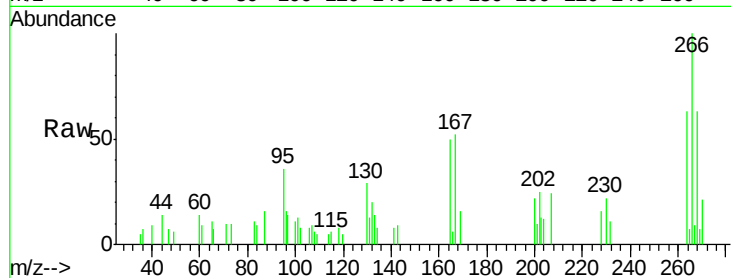
Tgt Ion:266 Resp: 9599

Ion Ratio Lower Upper

266 100

264 63.2 48.2 72.4

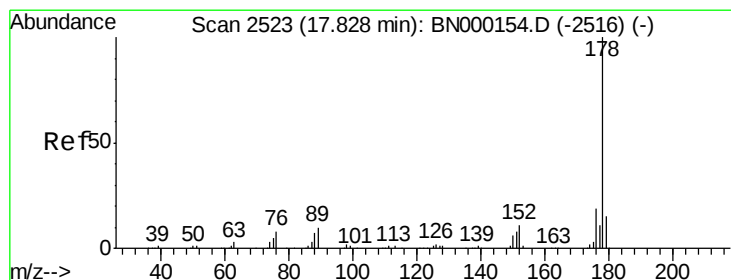
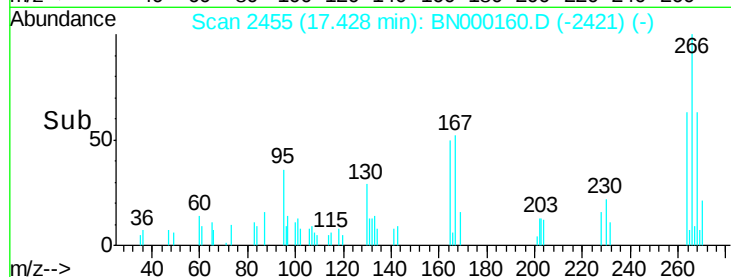
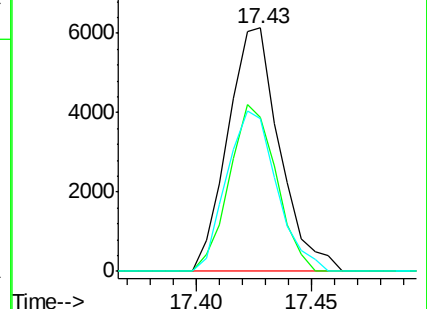
268 62.7 52.3 78.5



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: 5.216 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

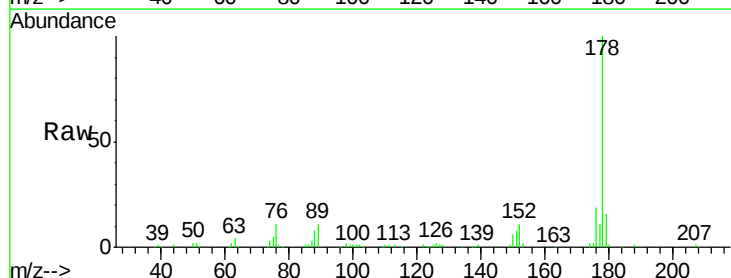
Tgt Ion:178 Resp: 201883

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

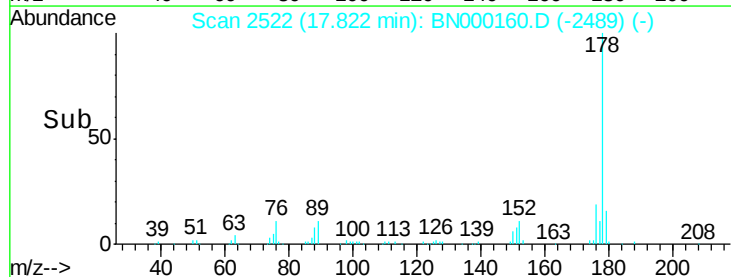
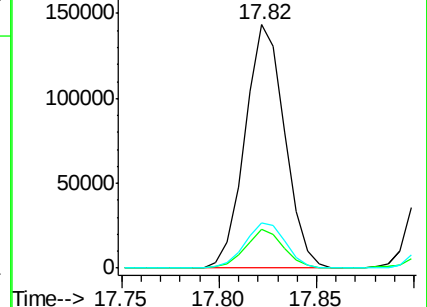
176 18.8 15.4 23.0

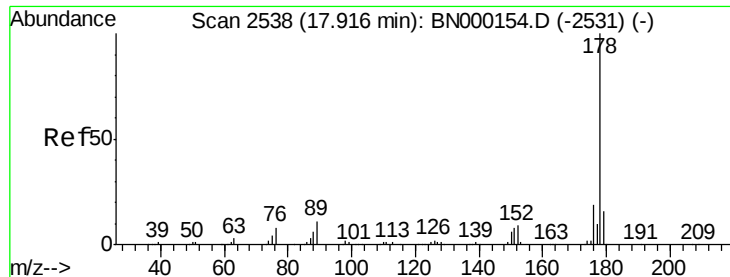


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 5.312 ng/uL

RT: 17.92 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

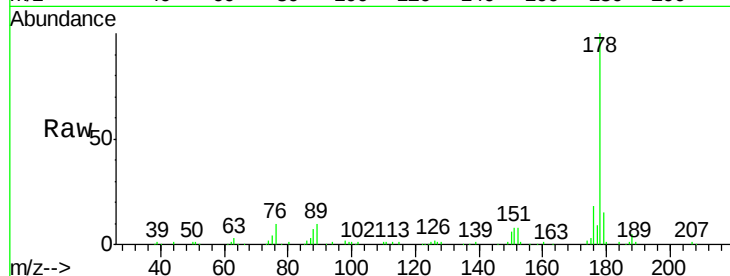
Tgt Ion:178 Resp: 209331

Ion Ratio Lower Upper

178 100

179 14.7 13.4 20.2

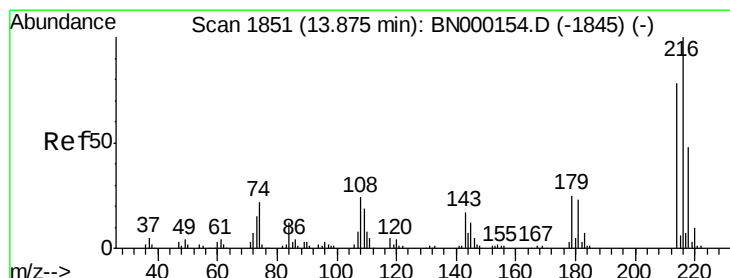
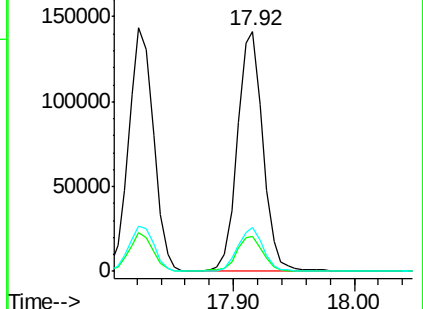
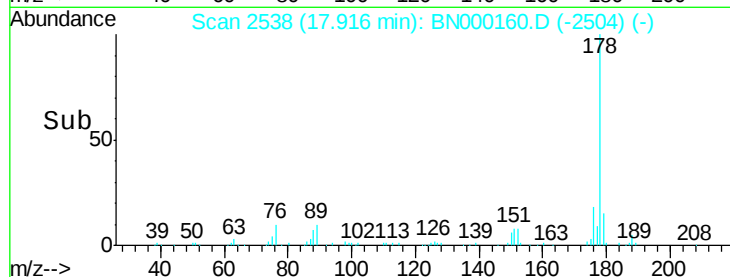
176 18.4 15.4 23.0



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 4.808 ng/uL

RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

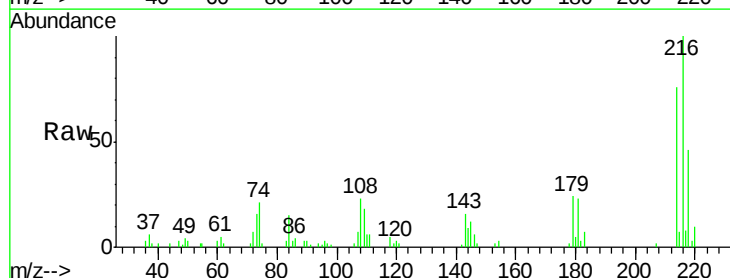
Tgt Ion:216 Resp: 42024

Ion Ratio Lower Upper

216 100

214 75.9 64.1 96.1

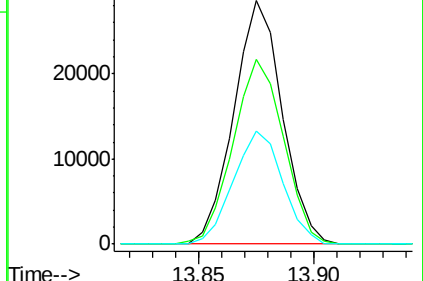
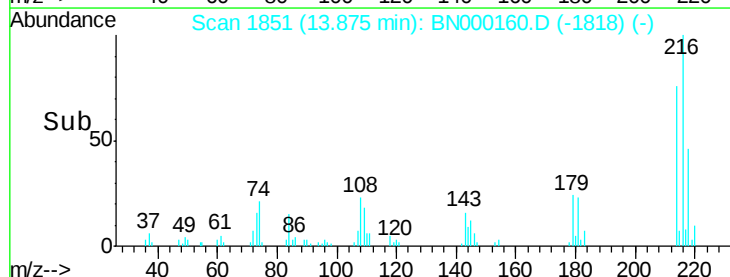
218 46.3 39.4 59.0

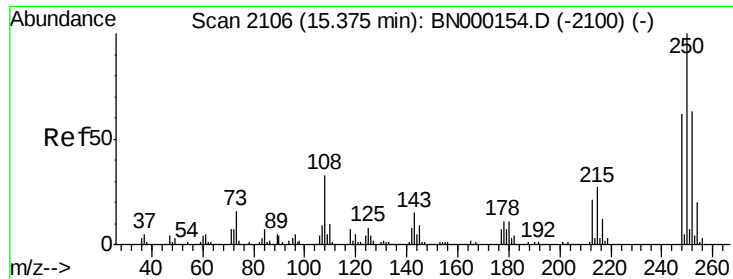


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 4.859 ng/uL

RT: 15.37 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

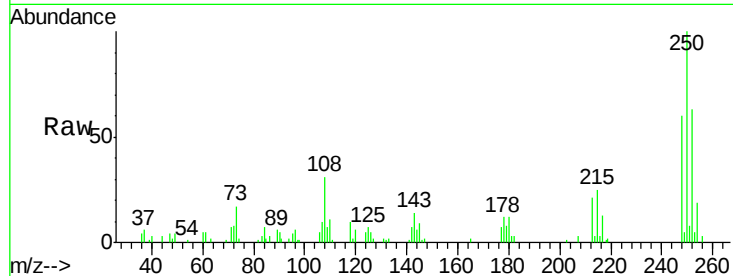
Tgt Ion:250 Resp: 40652

Ion Ratio Lower Upper

250 100

248 60.3 51.4 77.2

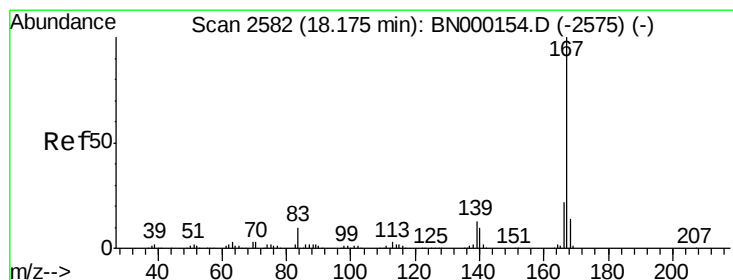
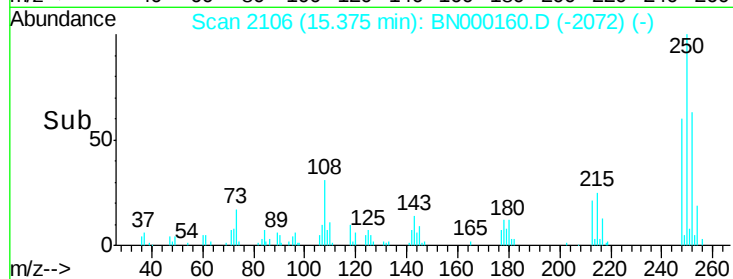
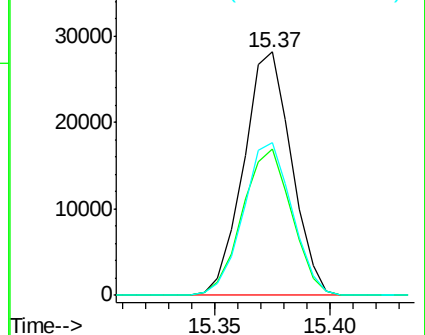
252 62.8 49.8 74.6



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: 4.739 ng/uL

RT: 18.17 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

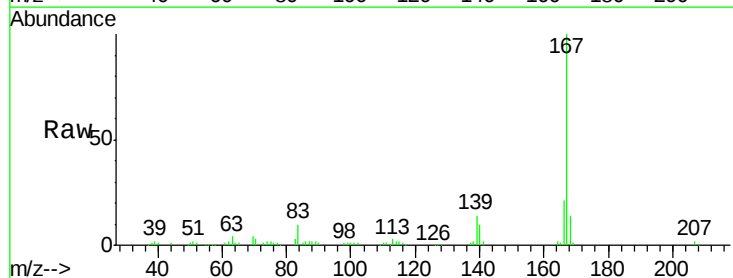
Tgt Ion:167 Resp: 167370

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.4

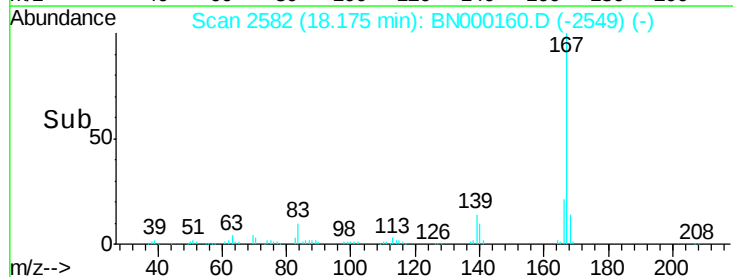
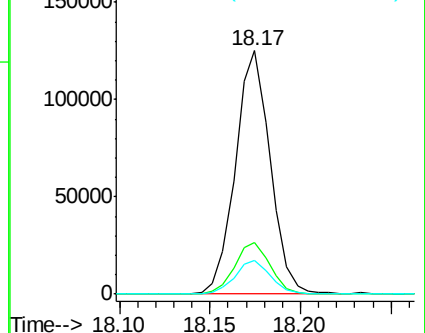
139 13.7 9.1 13.7#

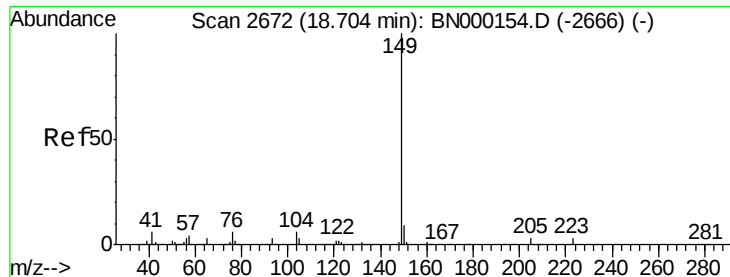


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

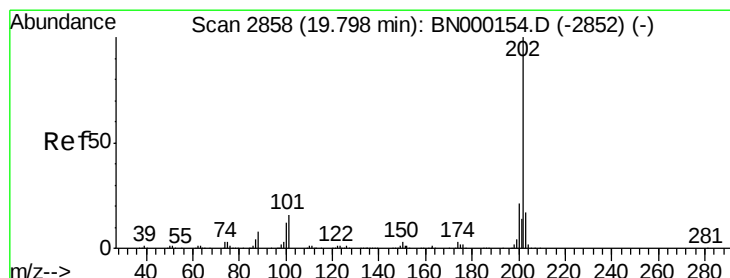
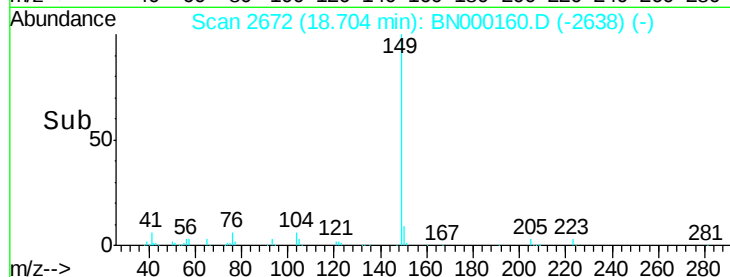
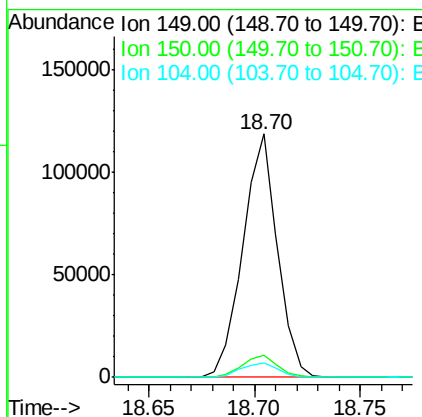
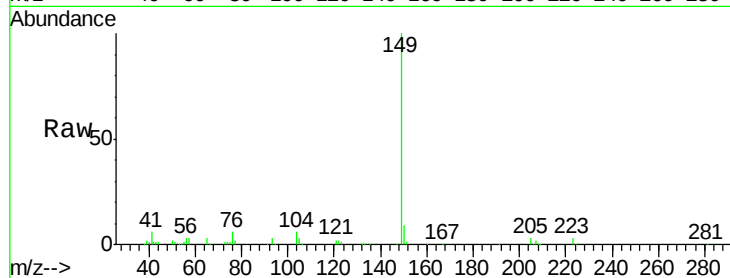




#76  
Di-n-butylphthalate  
Concen: 3.520 ng/ul  
RT: 18.70 min Scan# 2672  
Delta R.T. 0.00 min  
Lab File: BN000160.D  
Acq: 22 Feb 2018 14:05

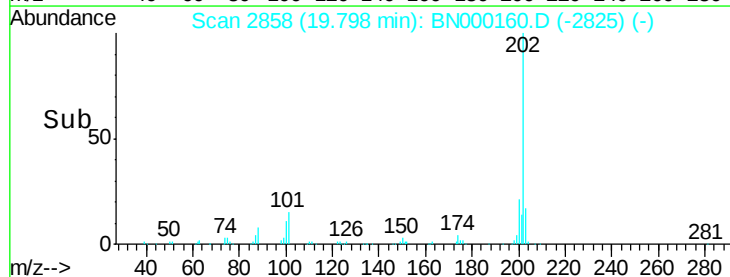
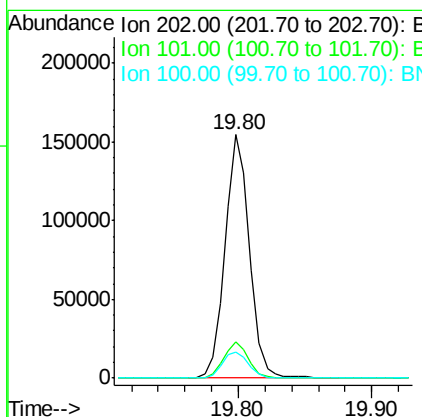
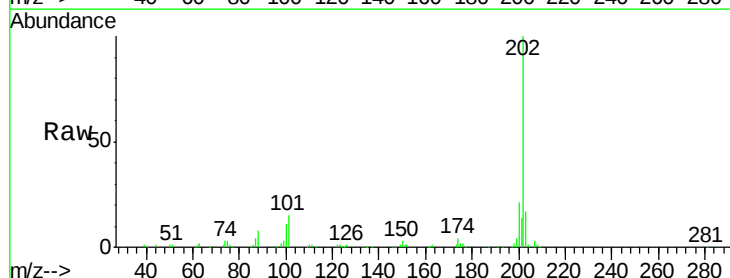
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-S-ME-04

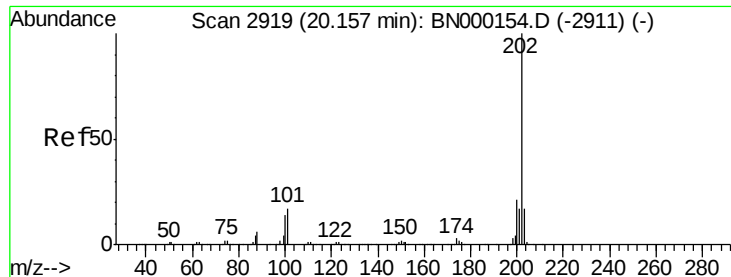
Tgt Ion:149 Resp: 134864  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.5 11.3  
104 6.0 4.1 6.1



#77  
Fluoranthene  
Concen: 4.901 ng/ul  
RT: 19.80 min Scan# 2858  
Delta R.T. -0.01 min  
Lab File: BN000160.D  
Acq: 22 Feb 2018 14:05

Tgt Ion:202 Resp: 198583  
Ion Ratio Lower Upper  
202 100  
101 14.9 6.1 9.1#  
100 10.9 4.6 7.0#





#80

Pyrene

Concen: 4.976 ng/ul

RT: 20.16 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

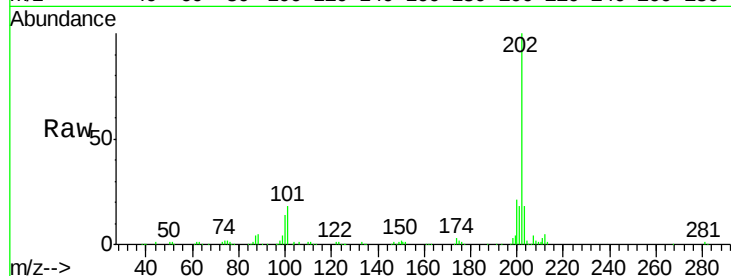
Tgt Ion: 202 Resp: 242612

Ion Ratio Lower Upper

202 100

101 17.7 6.9 10.3#

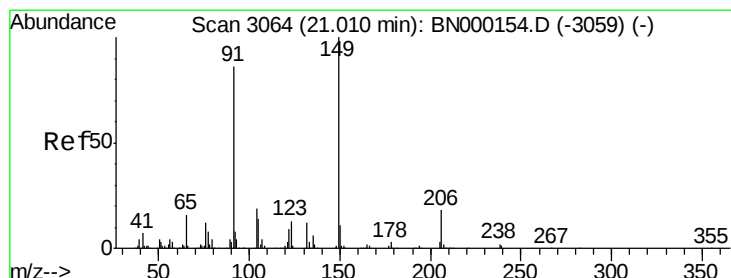
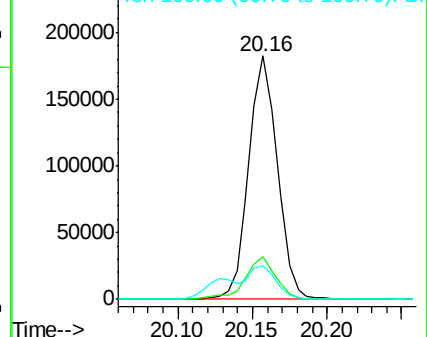
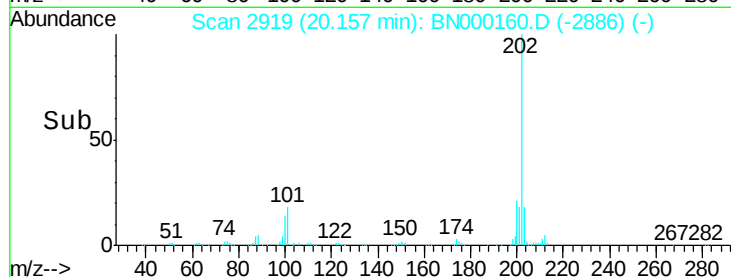
100 13.8 5.6 8.4#



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



#81

Butylbenzylphthalate

Concen: 2.710 ng/ul

RT: 21.01 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

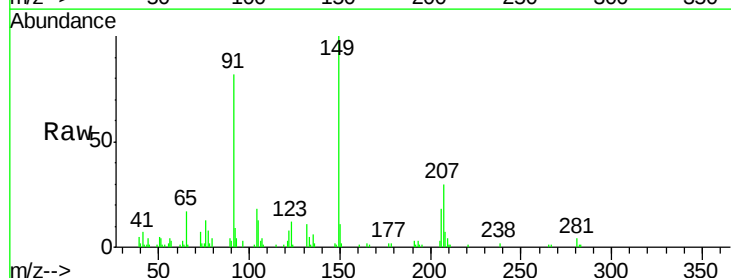
Tgt Ion: 149 Resp: 51124

Ion Ratio Lower Upper

149 100

91 82.2 53.4 80.0#

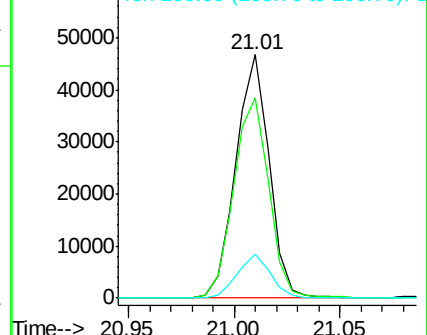
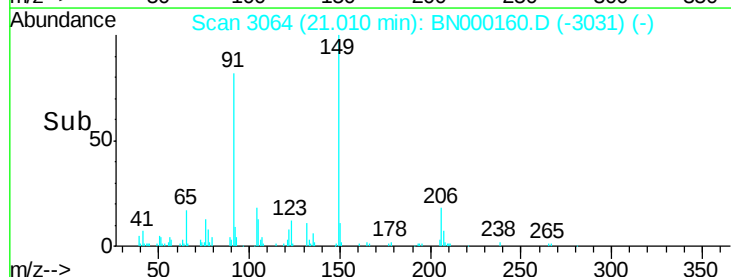
206 18.0 19.3 28.9#

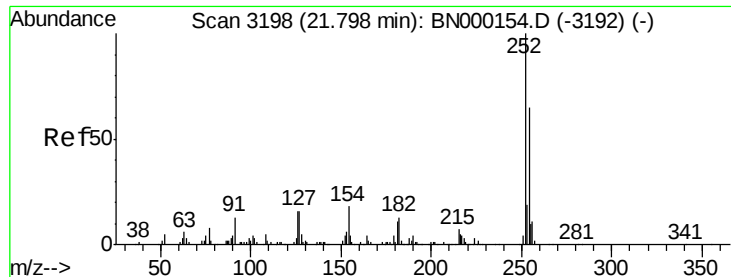


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

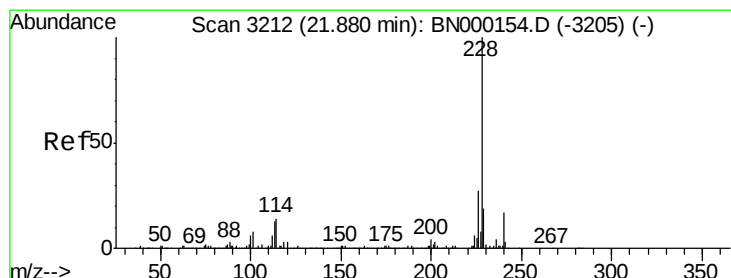
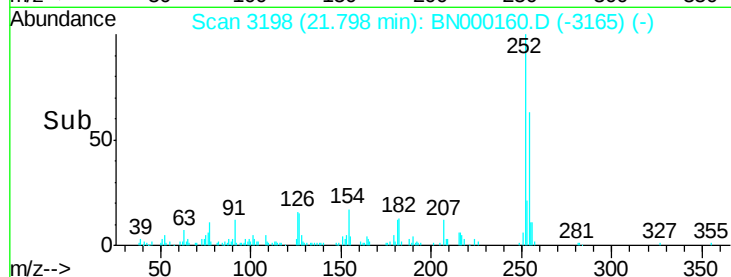
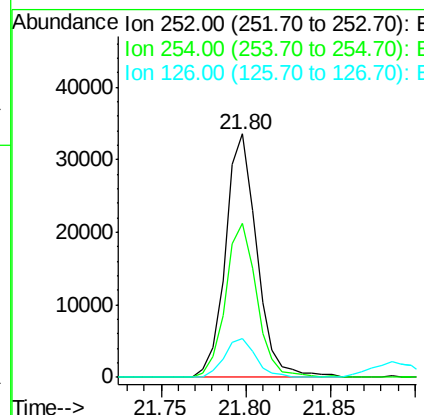
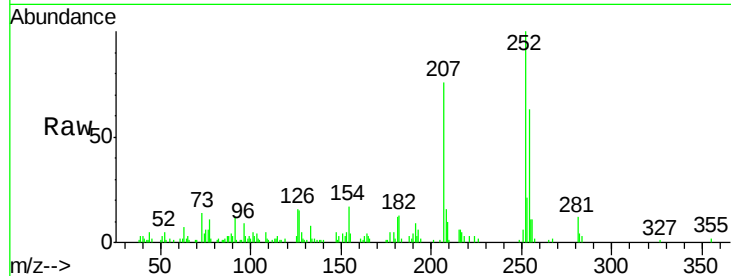




#82  
 3,3'-Dichlorobenzidine  
 Concen: 3.122 ng/ul  
 RT: 21.80 min Scan# 3198  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

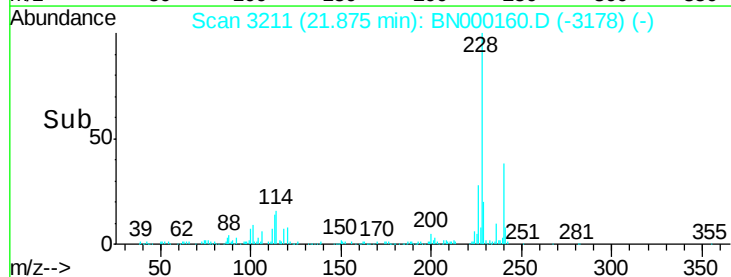
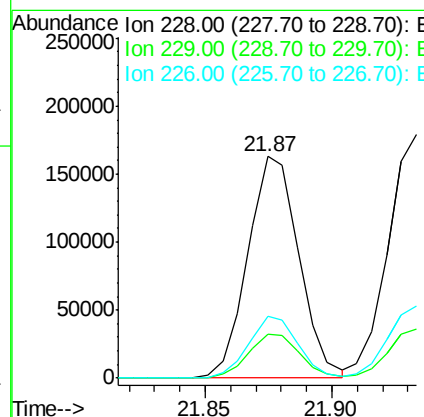
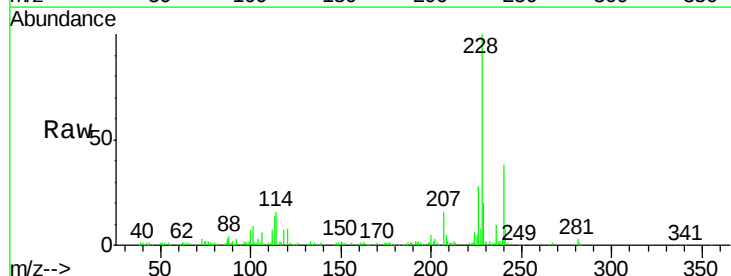
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-S-ME-04

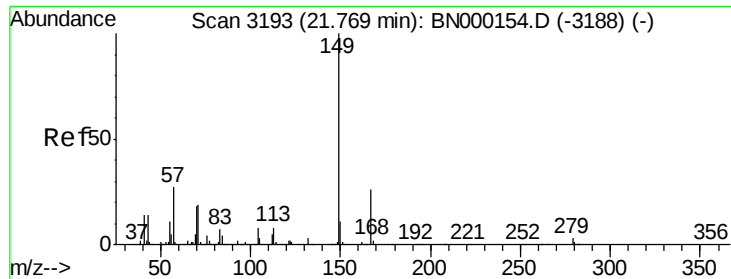
Tgt Ion: 252 Resp: 43541  
 Ion Ratio Lower Upper  
 252 100  
 254 63.1 52.8 79.2  
 126 16.1 6.9 10.3#



#83  
 Benzo(a)anthracene  
 Concen: 4.780 ng/ul  
 RT: 21.87 min Scan# 3211  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

Tgt Ion: 228 Resp: 228378  
 Ion Ratio Lower Upper  
 228 100  
 229 19.8 16.0 24.0  
 226 27.7 21.8 32.8

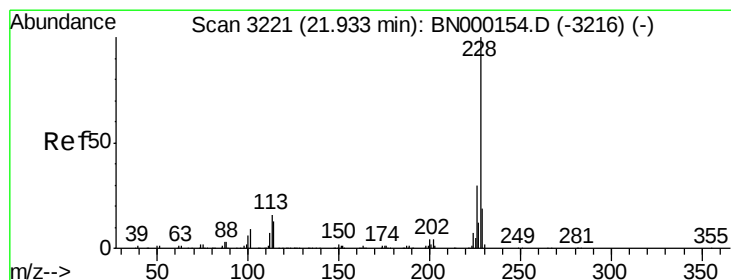
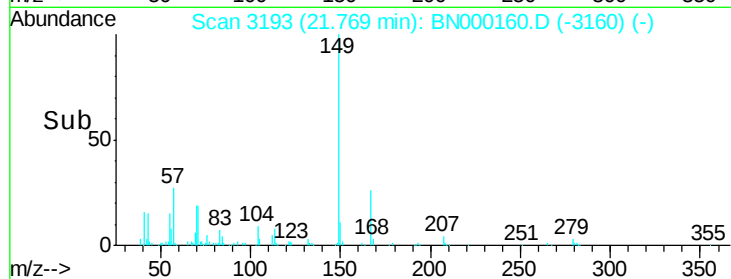
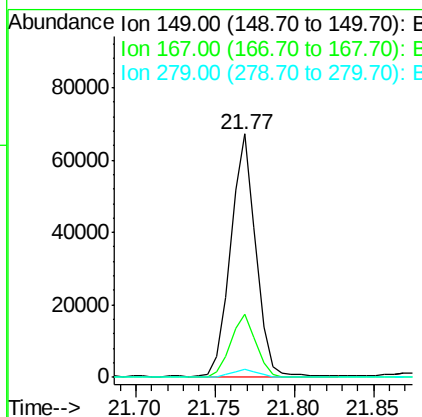
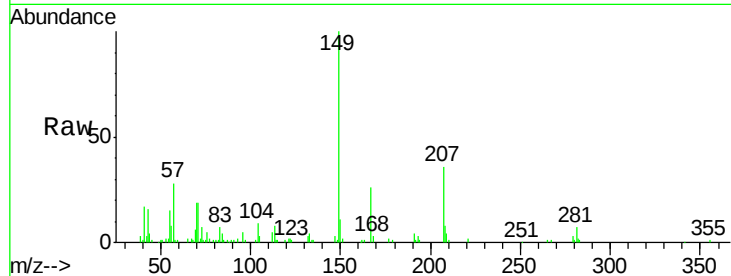




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.629 ng/ul  
 RT: 21.77 min Scan# 3193  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

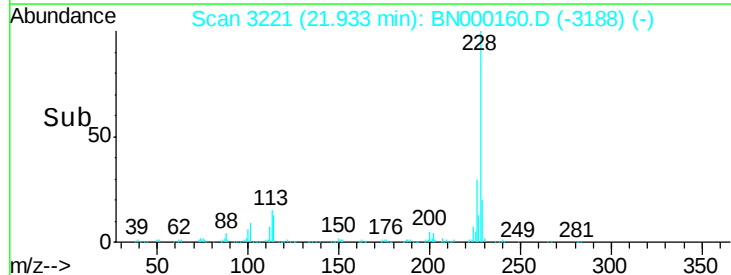
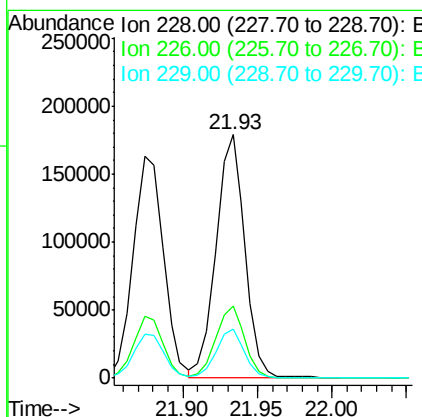
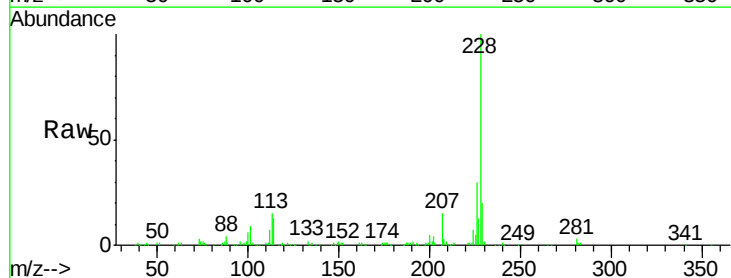
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-S-ME-04

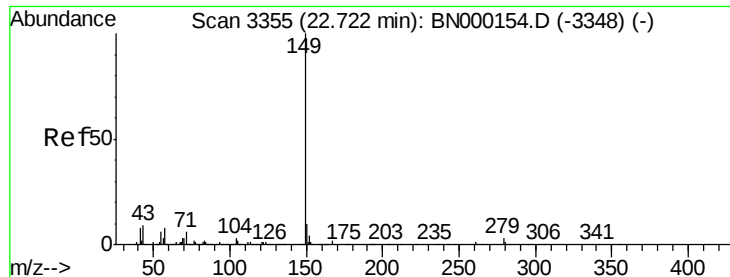
Tgt Ion:149 Resp: 74507  
 Ion Ratio Lower Upper  
 149 100  
 167 26.0 23.0 34.6  
 279 3.2 4.3 6.5#



#85  
 Chrysene  
 Concen: 5.220 ng/ul  
 RT: 21.93 min Scan# 3221  
 Delta R.T. -0.01 min  
 Lab File: BN000160.D  
 Acq: 22 Feb 2018 14:05

Tgt Ion:228 Resp: 241122  
 Ion Ratio Lower Upper  
 228 100  
 226 29.9 24.1 36.1  
 229 20.0 16.0 24.0





#87

Di-n-octyl phthalate

Concen: 2.414 ng/ul

RT: 22.72 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

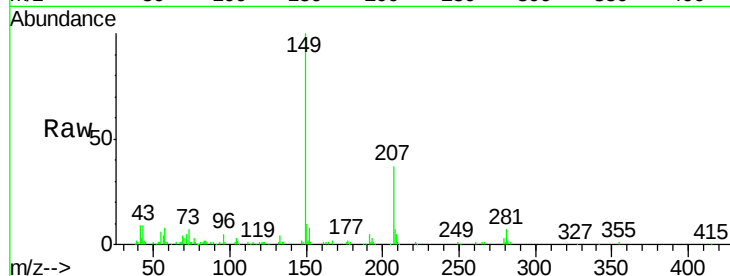
Instrument :

BNA\_N

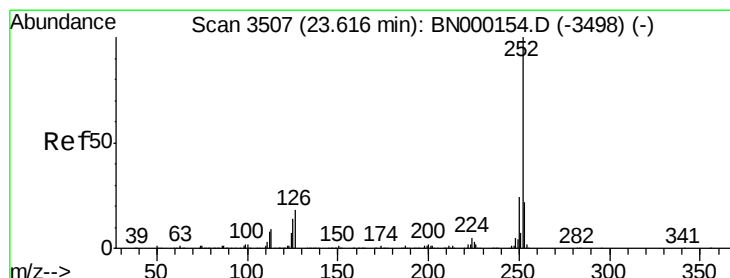
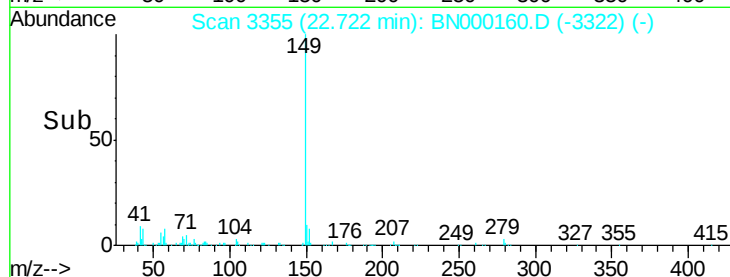
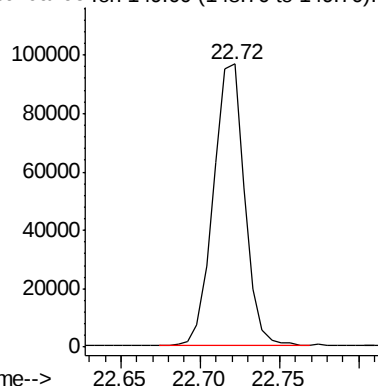
ClientSampleId :

MDL-S-ME-04

Tgt Ion:149 Resp: 131487



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 4.845 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

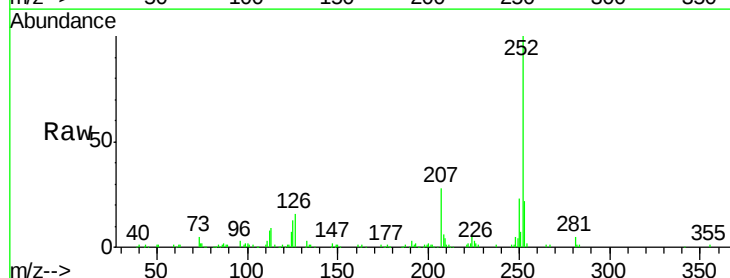
Tgt Ion:252 Resp: 251128

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

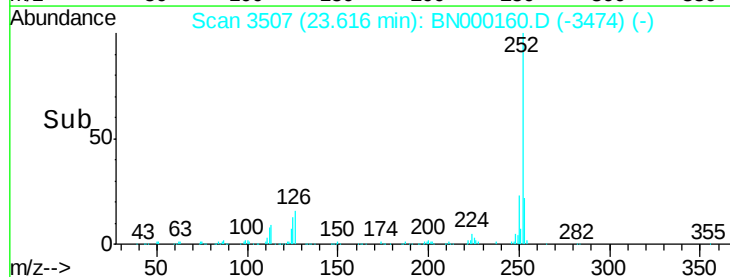
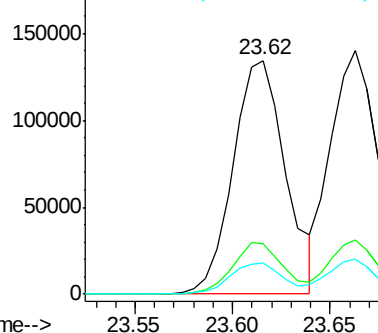
125 13.4 4.9 7.3#

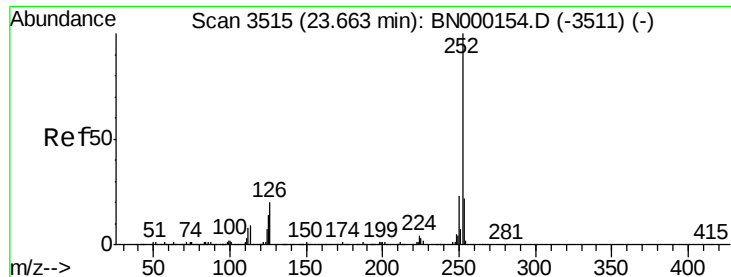


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.744 ng/ul

RT: 23.66 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

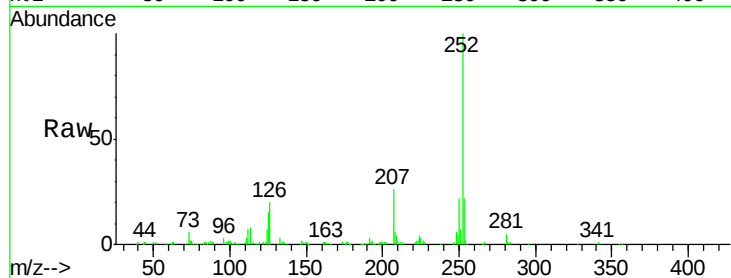
Tgt Ion:252 Resp: 242616

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

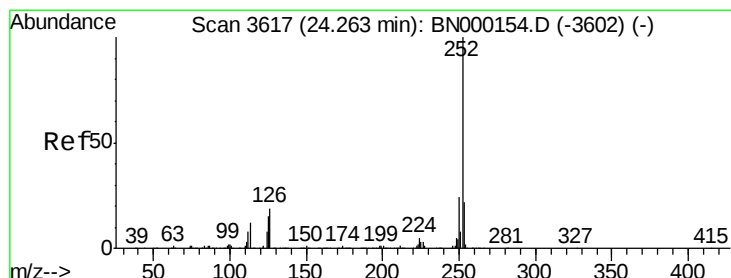
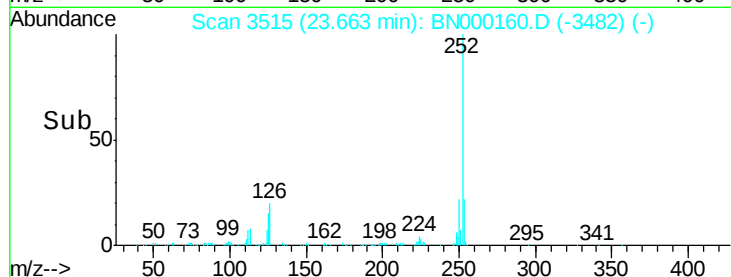
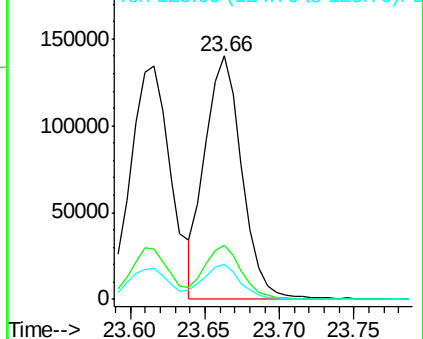
125 14.6 5.4 8.0#



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: 5.137 ng/ul

RT: 24.26 min Scan# 3617

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

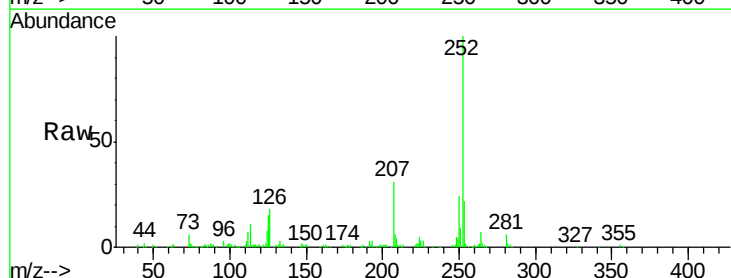
Tgt Ion:252 Resp: 265489

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

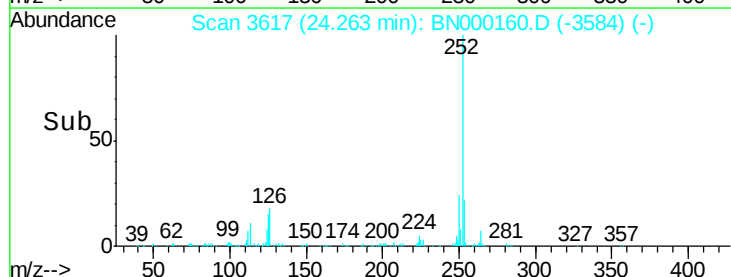
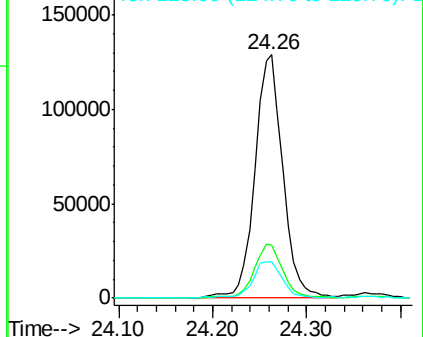
125 14.8 5.8 8.6#

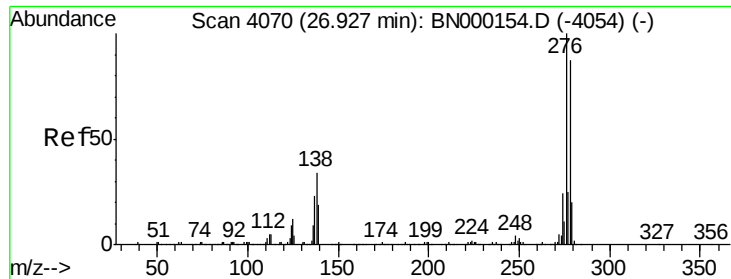


Abundance Ion 252.00 (251.70 to 252.70): E

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: 4.707 ng/ul

RT: 26.92 min Scan# 4068

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

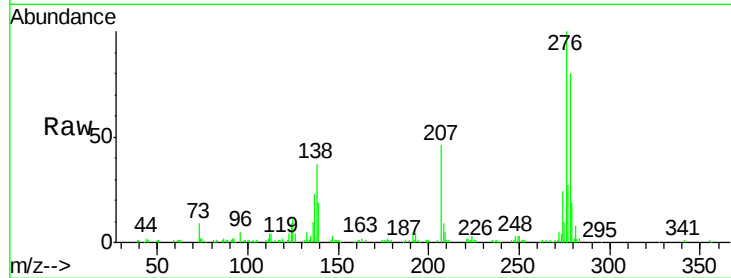
Tgt Ion:276 Resp: 284400

Ion Ratio Lower Upper

276 100

138 37.3 10.9 16.3#

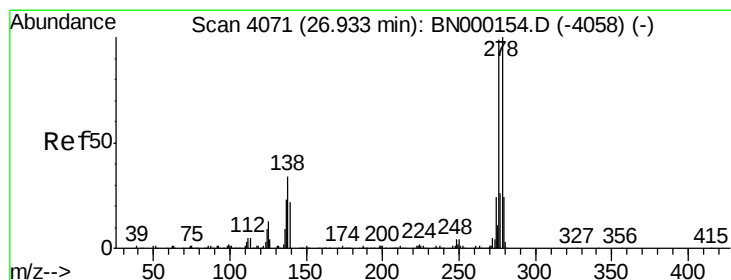
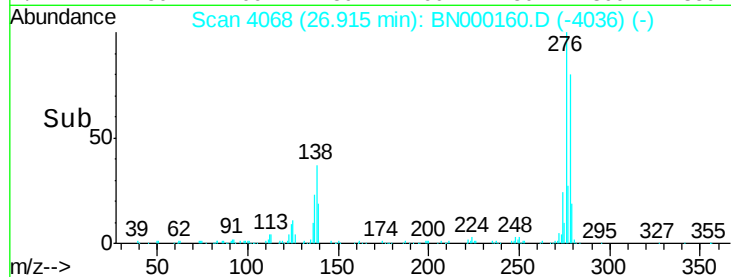
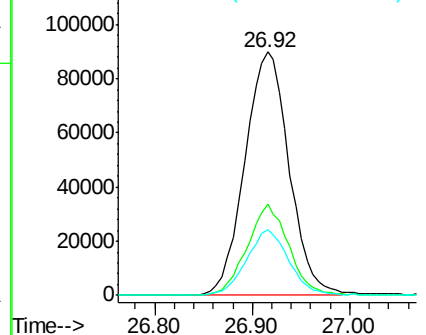
277 27.0 18.9 28.3



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: 4.806 ng/ul

RT: 26.93 min Scan# 4070

Delta R.T. -0.01 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

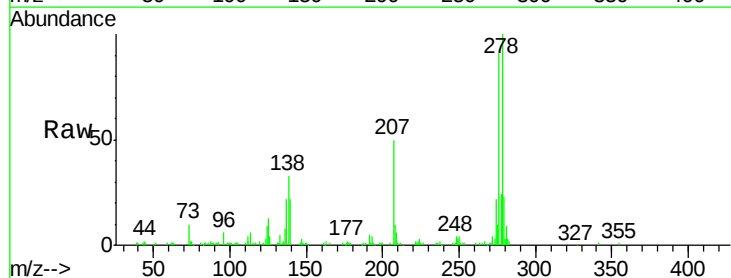
Tgt Ion:278 Resp: 242072

Ion Ratio Lower Upper

278 100

139 22.2 9.0 13.4#

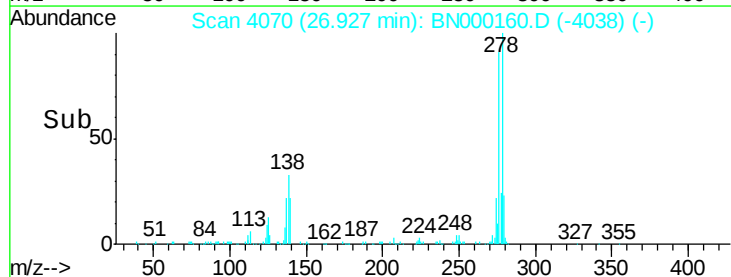
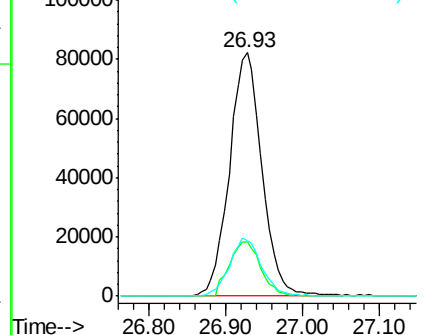
279 22.8 19.1 28.7

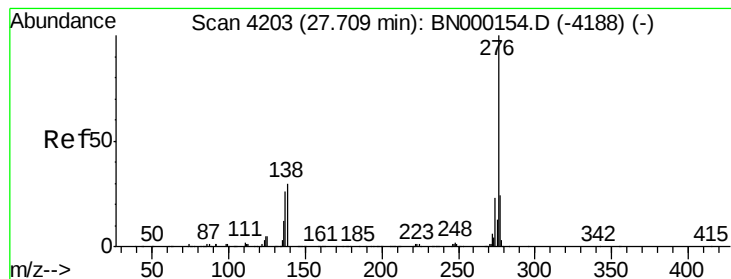


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 4.873 ng/ul

RT: 27.70 min Scan# 4201

Delta R.T. -0.02 min

Lab File: BN000160.D

Acq: 22 Feb 2018 14:05

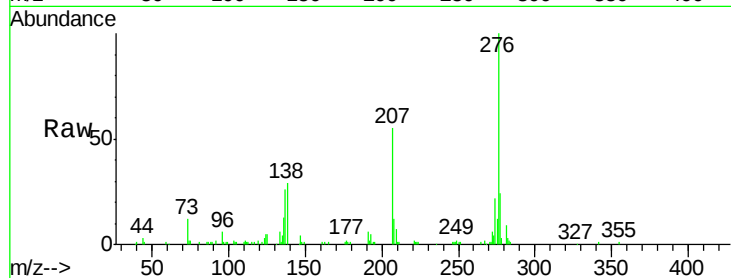
Instrument :

BNA\_N

ClientSampleId :

MDL-S-ME-04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 245620 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 29.1  | 11.2  | 16.8#  |
| 277       | 24.4  | 19.0  | 28.6   |



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

