

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031420\  
 Data File : BN010216.D  
 Acq On : 14 Mar 2020 11:14  
 Operator : CG/JU  
 Sample : SSTD01056  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Mar 16 05:02:19 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 16 04:58:29 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 444368   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 1783323  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.26 | 164  | 1193602  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.00 | 188  | 2702968  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.20 | 240  | 2646176  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.37 | 264  | 2940175  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 39228   | 3.63  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.81  | 99  | 318875  | 8.44  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 191921  | 7.36  | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.17  | 132 | 257535  | 9.05  | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.33  | 113 | 253333  | 8.43  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 106782  | 8.18  | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 81073   | 5.68  | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 254197  | 9.26  | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.52 | 131 | 325258  | 10.55 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.67 | 166 | 894418  | 10.03 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.95 | 160 | 1066823 | 10.16 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.45 | 143 | 111052  | 6.82  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.25 | 176 | 779899  | 10.13 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 66083   | 3.94  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.10 | 188 | 1228755 | 9.92  | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.39 | 212 | 1389604 | 10.05 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.24 | 264 | 1375891 | 9.37  | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.26  | 88  | 42368  | 3.414  | ng/uL 96  |
| 4) Benzaldehyde                | 6.78  | 77  | 235696 | 9.377  | ng/ul 95  |
| 6) Phenol                      | 6.83  | 94  | 342015 | 8.444  | ng/ul 98  |
| 8) Bis(2-Chloroethyl)ether     | 7.07  | 93  | 275121 | 8.642  | ng/ul 96  |
| 10) 2-Chlorophenol             | 7.20  | 128 | 270712 | 9.032  | ng/ul 96  |
| 11) 2-Methylphenol             | 8.07  | 108 | 257645 | 8.693  | ng/ul 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.17  | 45  | 334225 | 4.283  | ng/ul 97  |
| 14) Acetophenone               | 8.44  | 105 | 433407 | 8.846  | ng/ul 98  |
| 15) N-Nitroso-di-n-propylamine | 8.43  | 70  | 217753 | 8.506  | ng/ul 99  |
| 16) 4-Methylphenol             | 8.39  | 108 | 271802 | 8.357  | ng/ul 96  |
| 17) Hexachloroethane           | 8.70  | 117 | 121724 | 8.926  | ng/ul 99  |
| 20) Nitrobenzene               | 8.81  | 77  | 297259 | 7.732  | ng/ul 98  |
| 21) Isophorone                 | 9.33  | 82  | 631410 | 9.332  | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.51  | 139 | 96374  | 6.035  | ng/ul 97  |
| 24) 2,4-Dimethylphenol         | 9.59  | 107 | 314600 | 9.073  | ng/ul 95  |
| 25) Bis(2-Chloroethoxy)methane | 9.82  | 93  | 370410 | 8.958  | ng/ul 97  |
| 27) 2,4-Dichlorophenol         | 10.05 | 162 | 258606 | 9.342  | ng/ul 99  |
| 28) Naphthalene                | 10.45 | 128 | 938546 | 9.760  | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.55 | 127 | 325827 | 10.321 | ng/ul 98  |
| 31) Hexachlorobutadiene        | 10.75 | 225 | 199085 | 10.754 | ng/ul 94  |
| 32) Caprolactam                | 11.29 | 113 | 79846  | 8.601  | ng/ul 88  |
| 33) 4-Chloro-3-methylphenol    | 11.68 | 107 | 275675 | 8.709  | ng/ul 97  |
| 34) 2-Methylnaphthalene        | 12.06 | 142 | 672045 | 10.064 | ng/ul 97  |

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 Sample : SSTD01056  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Mar 16 05:02:19 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 16 04:58:29 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 35) 1-Methylnaphthalene        | 12.28 | 142  | 670172   | 10.013 | ng/uL  | 98       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.43 | 216  | 375148   | 10.604 | ng/uL  | 100      |
| 38) Hexachlorocyclopentadiene  | 12.43 | 237  | 229708   | 15.006 | ng/uL  | 100      |
| 39) 2,4,6-Trichlorophenol      | 12.68 | 196  | 188410   | 8.391  | ng/uL  | 98       |
| 40) 2,4,5-Trichlorophenol      | 12.75 | 196  | 210503   | 8.739  | ng/uL  | 90       |
| 41) 1,1'-Biphenyl              | 13.09 | 154  | 877557   | 9.572  | ng/uL  | 99       |
| 42) 2-Chloronaphthalene        | 13.12 | 162  | 713633   | 9.802  | ng/uL  | 97       |
| 43) 2-Nitroaniline             | 13.32 | 65   | 130793   | 4.912  | ng/uL  | 95       |
| 45) Dimethylphthalate          | 13.72 | 163  | 929778   | 9.994  | ng/uL  | 99       |
| 46) 2,6-Dinitrotoluene         | 13.83 | 165  | 140937   | 7.739  | ng/uL  | 92       |
| 48) Acenaphthylene             | 13.97 | 152  | 1132553  | 9.965  | ng/uL  | 100      |
| 49) 3-Nitroaniline             | 14.15 | 138  | 124449   | 7.402  | ng/uL  | 98       |
| 50) Acenaphthene               | 14.32 | 153  | 770412   | 9.888  | ng/uL  | 98       |
| 51) 2,4-Dinitrophenol          | 14.36 | 184  | 36223    | 3.465  | ng/uL  | 94       |
| 53) 4-Nitrophenol              | 14.46 | 109  | 98614    | 6.712  | ng/uL  | 98       |
| 54) Dibenzofuran               | 14.66 | 168  | 1086241  | 9.933  | ng/uL  | 100      |
| 55) 2,4-Dinitrotoluene         | 14.61 | 165  | 193624   | 7.174  | ng/uL# | 95       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.89 | 232  | 165519   | 7.992  | ng/uL  | 96       |
| 57) Diethylphthalate           | 15.10 | 149  | 914103   | 9.569  | ng/uL  | 99       |
| 59) Fluorene                   | 15.30 | 166  | 921200   | 10.038 | ng/uL  | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.31 | 204  | 469640   | 10.376 | ng/uL  | 97       |
| 61) 4-Nitroaniline             | 15.31 | 138  | 159111   | 7.760  | ng/uL  | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 15.37 | 198  | 77832    | 4.303  | ng/uL  | 92       |
| 65) N-Nitrosodiphenylamine     | 15.52 | 169  | 769441   | 9.594  | ng/uL  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.20 | 248  | 279979   | 10.352 | ng/uL  | 97       |
| 67) Hexachlorobenzene          | 16.31 | 284  | 308925   | 10.322 | ng/uL  | 95       |
| 68) Atrazine                   | 16.48 | 200  | 302274   | 9.936  | ng/uL  | 98       |
| 69) Pentachlorophenol          | 16.65 | 266  | 123368   | 7.133  | ng/uL  | 97       |
| 70) Phenanthrene               | 17.04 | 178  | 1465458  | 9.500  | ng/uL  | 100      |
| 72) Anthracene                 | 17.13 | 178  | 1512317  | 9.590  | ng/uL  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.05 | 216  | 393396   | 9.962  | ng/uL  | 96       |
| 74) Pentachlorobenzene         | 14.58 | 250  | 384345   | 10.092 | ng/uL  | 96       |
| 75) Carbazole                  | 17.40 | 167  | 1305795  | 9.403  | ng/uL  | 99       |
| 76) Di-n-butylphthalate        | 18.00 | 149  | 1525629  | 8.901  | ng/uL  | 99       |
| 77) Fluoranthene               | 19.06 | 202  | 1786948  | 9.889  | ng/uL  | 99       |
| 80) Pvrene                     | 19.42 | 202  | 1923288  | 10.081 | ng/uL  | 99       |
| 81) Butylbenzylphthalate       | 20.36 | 149  | 556469   | 7.095  | ng/uL  | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.12 | 252  | 556086   | 9.638  | ng/uL  | 99       |
| 83) Benzo(a)anthracene         | 21.18 | 228  | 1806538  | 9.934  | ng/uL  | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 952884   | 7.958  | ng/uL  | 97       |
| 85) Chrysene                   | 21.23 | 228  | 1758316  | 9.822  | ng/uL  | 99       |
| 87) Di-n-octyl phthalate       | 22.03 | 149  | 1545463  | 6.945  | ng/uL  | 100      |
| 88) Benzo(b)fluoranthene       | 22.73 | 252  | 1835915  | 9.631  | ng/uL  | 97       |
| 89) Benzo(k)fluoranthene       | 22.77 | 252  | 1789191  | 9.912  | ng/uL  | 99       |
| 91) Benzo(a)pyrene             | 23.28 | 252  | 1669048  | 9.735  | ng/uL  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.53 | 276  | 2064596  | 10.142 | ng/uL  | 99       |
| 93) Dibenzo(a,h)anthracene     | 25.55 | 278  | 1716370  | 9.856  | ng/uL  | 98       |
| 94) Benzo(a,h,i)perylene       | 26.18 | 276  | 1676809  | 9.824  | ng/uL  | 98       |
| -----                          |       |      |          |        |        |          |

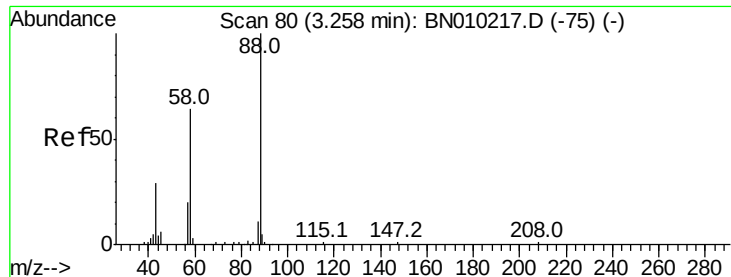
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN031420\  
Data File : BN010216.D  
Acq On : 14 Mar 2020 11:14  
Operator : CG/JU  
Sample : SSTD01056  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

Quant Time: Mar 16 05:02:19 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031420MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Mar 16 04:58:29 2020  
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: 3.414 ng/uL

RT: 3.26 min Scan# 80

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

ClientSampleId :

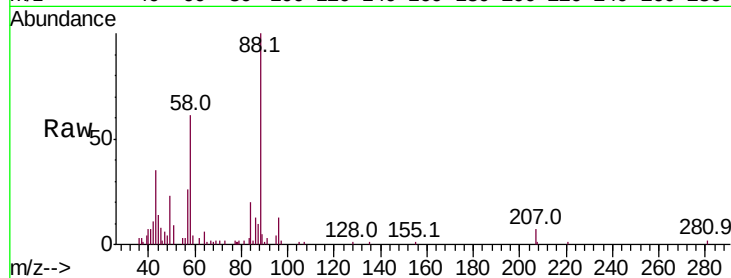
Tot Ion: 88 Resp: 42368

Ion Ratio Lower Upper

88 100

43 35.1 27.0 40.6

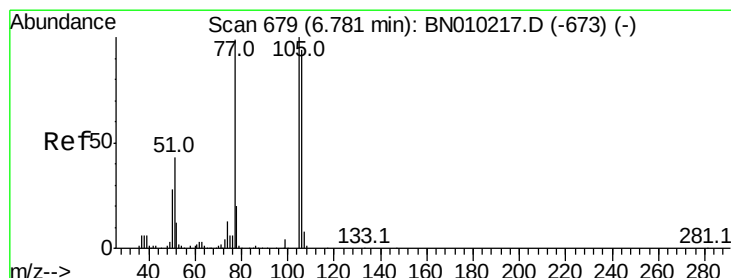
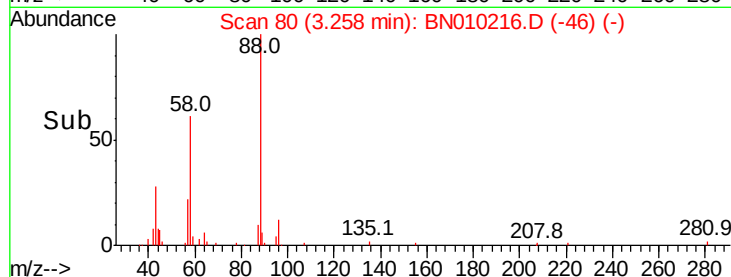
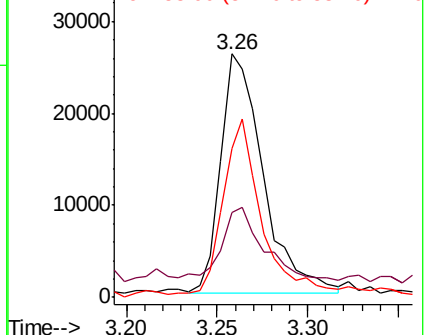
58 61.2 51.8 77.8



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: 9.377 ng/uL

RT: 6.78 min Scan# 679

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

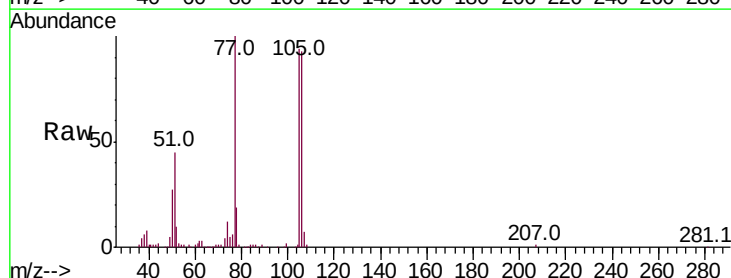
Tgt Ion: 77 Resp: 235696

Ion Ratio Lower Upper

77 100

105 93.7 80.8 121.2

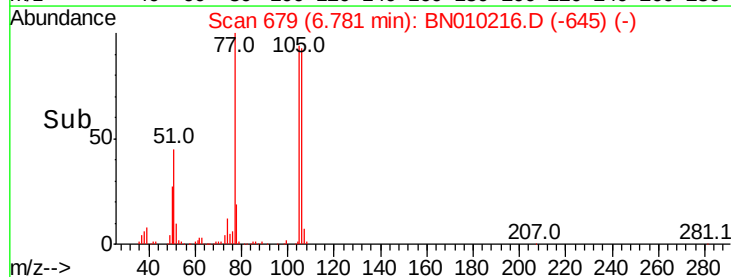
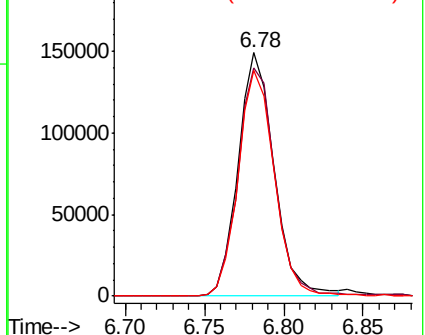
106 92.7 76.1 114.1

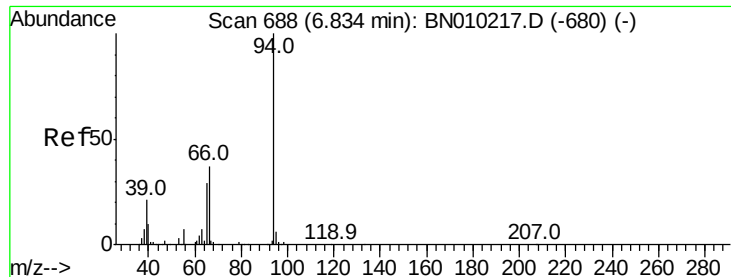


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





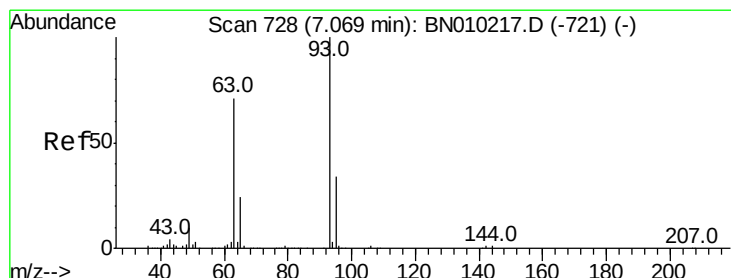
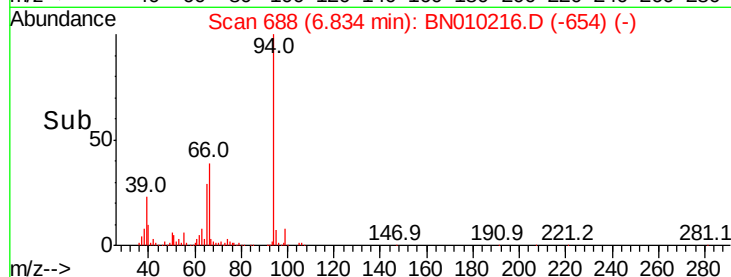
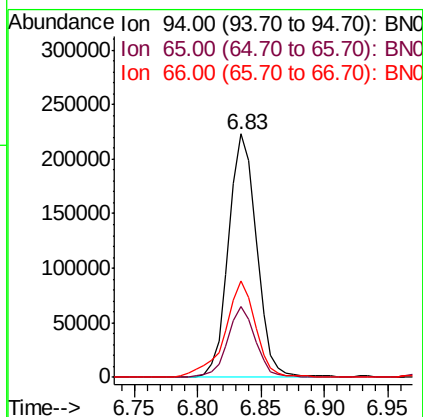
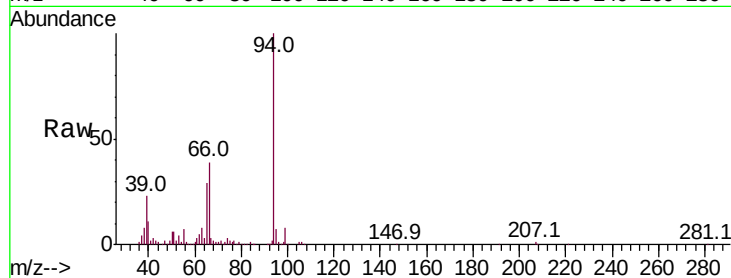
#6

Phenol

Concen: 8.444 ng/ul  
 RT: 6.83 min Scan# 688  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

Instrument :  
 BNA\_N  
 ClientSampled :

| Tot Ion   | 94    | Resp  | 342015 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 29.3  | 23.4  | 35.0   |
| 66        | 39.4  | 29.9  | 44.9   |

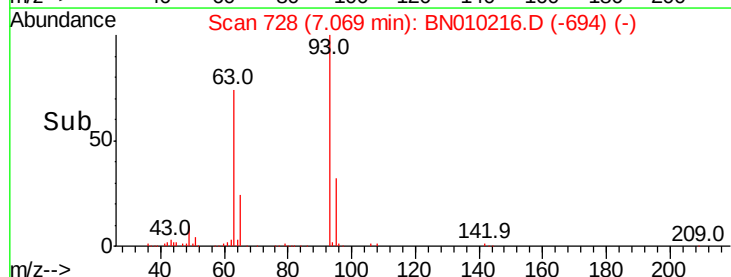
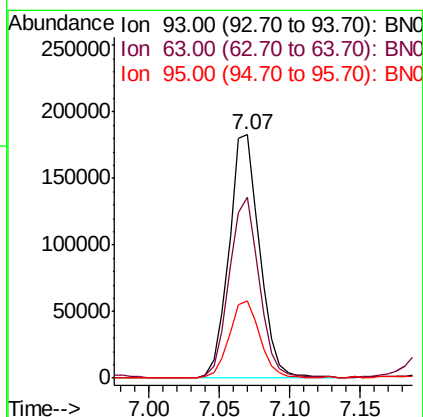
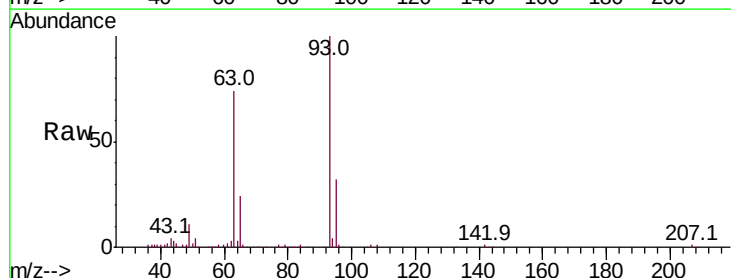


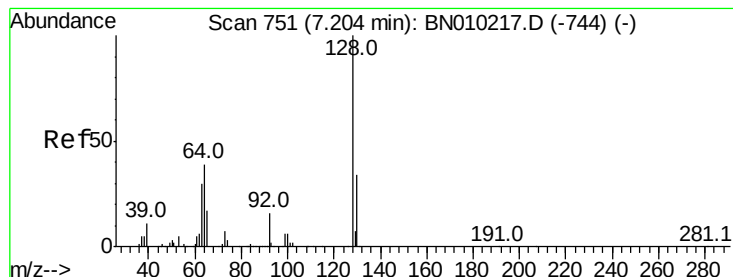
#8

Bis(2-Chloroethyl)ether

Concen: 8.642 ng/ul  
 RT: 7.07 min Scan# 728  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

| Tgt Ion   | 93    | Resp  | 275121 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 74.2  | 56.6  | 85.0   |
| 95        | 31.8  | 27.4  | 41.2   |





#10

2-Chlorophenol

Concen: 9.032 ng/ul

RT: 7.20 min Scan# 751

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

ClientSampled :

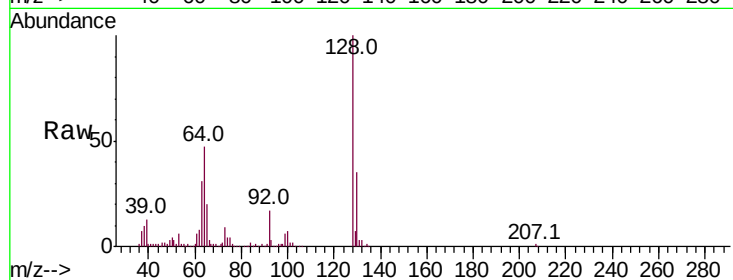
Tot Ion:128 Resp: 270712

Ion Ratio Lower Upper

128 100

64 47.0 34.0 51.0

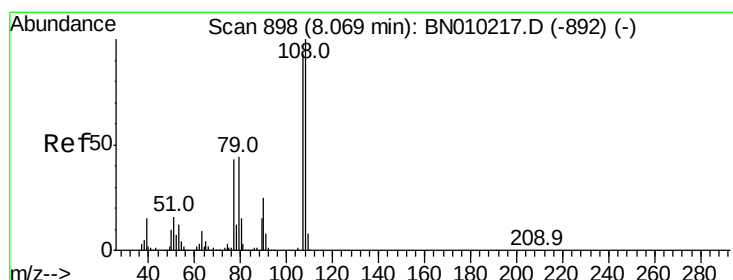
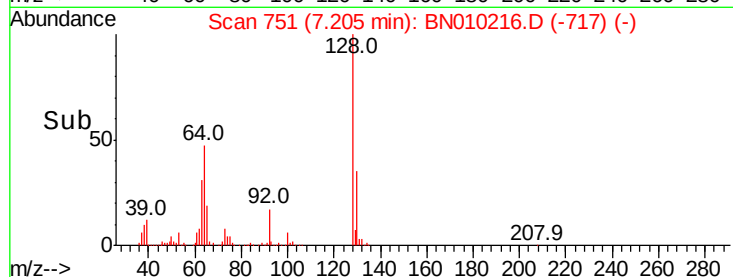
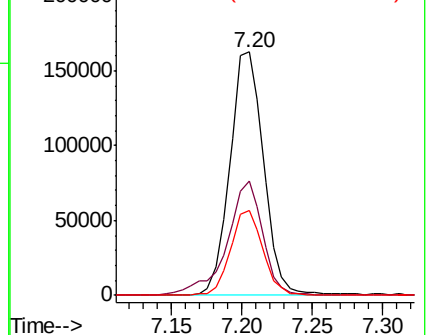
130 34.8 27.4 41.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 8.693 ng/ul

RT: 8.07 min Scan# 898

Delta R.T. 0.00 min

Lab File: BN010216.D

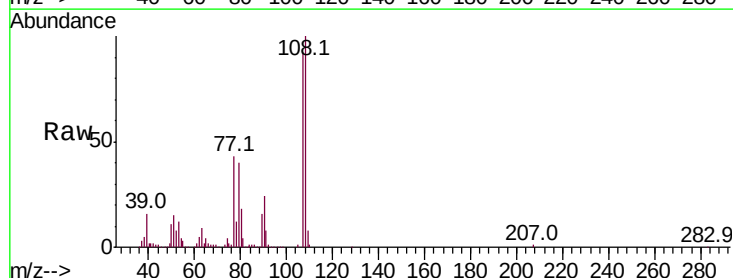
Acq: 14 Mar 2020 11:14

Tgt Ion:108 Resp: 257645

Ion Ratio Lower Upper

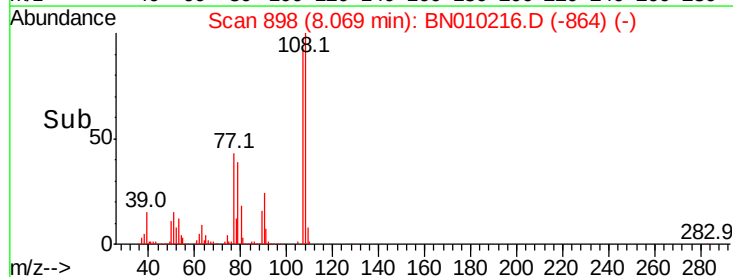
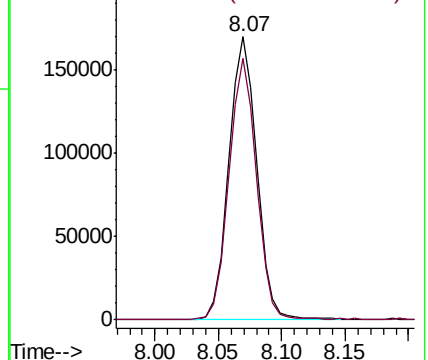
108 100

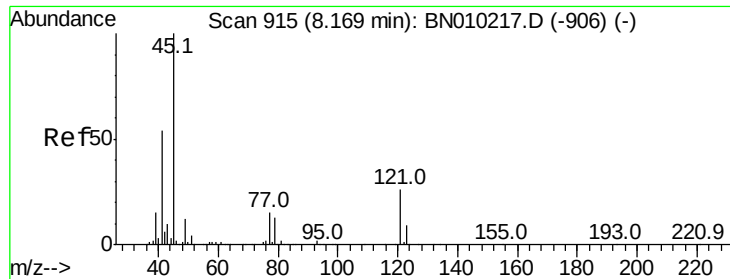
107 92.4 74.5 111.7



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

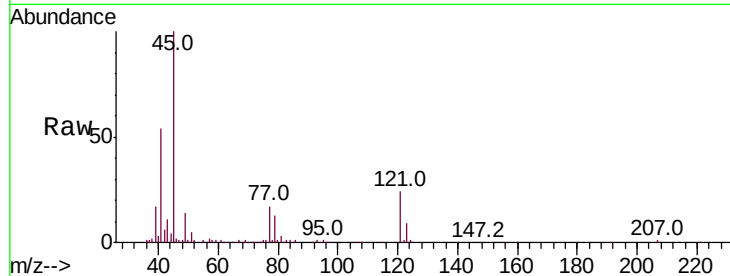




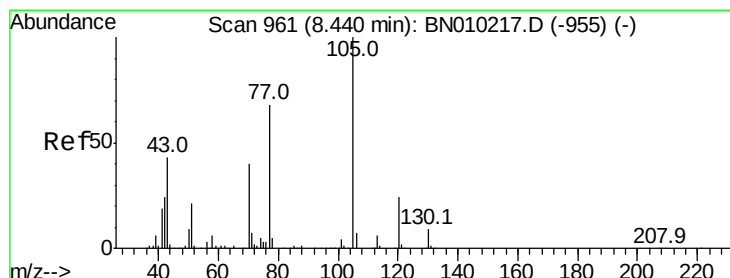
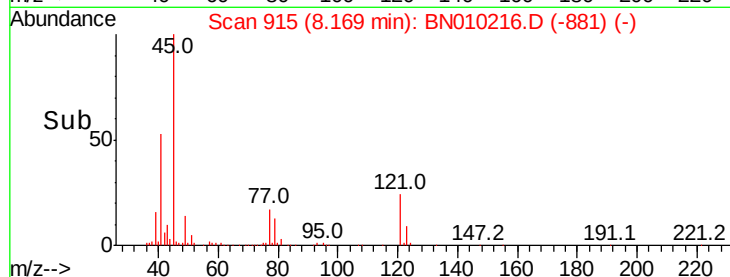
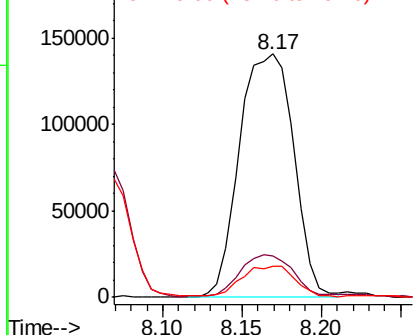
#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.283 ng/ul  
RT: 8.17 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion: 45 Resp: 334225  
Ion Ratio Lower Upper  
45 100  
77 17.0 12.2 18.2  
79 12.9 10.7 16.1

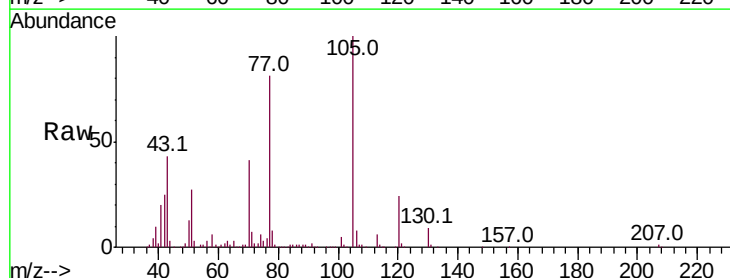


Abundance Ion 45.00 (44.70 to 45.70): BN0  
Ion 77.00 (76.70 to 77.70): BN0  
Ion 79.00 (78.70 to 79.70): BN0

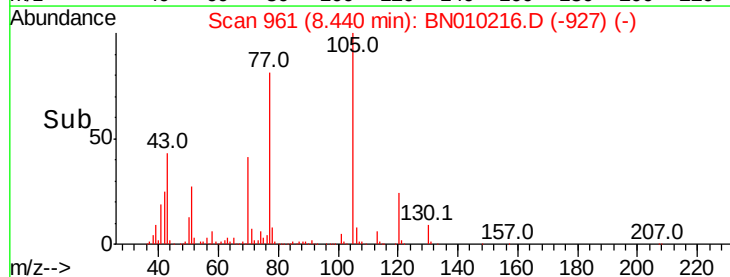
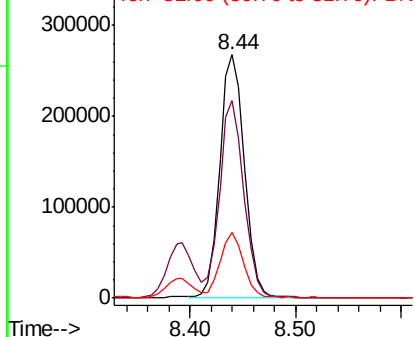


#14  
Acetophenone  
Concen: 8.846 ng/ul  
RT: 8.44 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

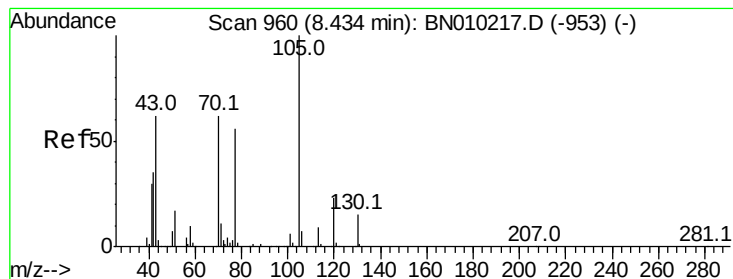
Tgt Ion: 105 Resp: 433407  
Ion Ratio Lower Upper  
105 100  
77 80.9 64.2 96.2  
51 27.2 20.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BN0  
Ion 51.00 (50.70 to 51.70): BN0







#15

N-Nitroso-di-n-propylamine

Concen: 8.506 ng/ul

RT: 8.43 min Scan# 960

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

ClientSampleId :

Tot Ion: 70 Resp: 217753

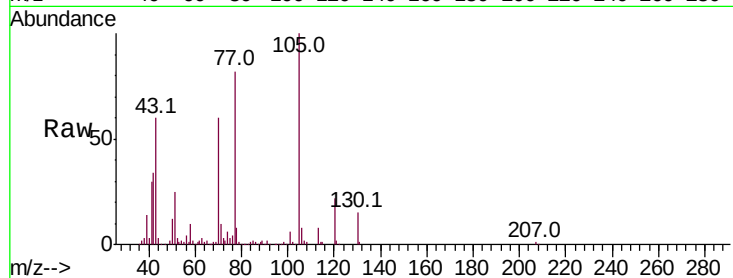
Ion Ratio Lower Upper

70 100

42 57.3 46.2 69.4

101 10.5 8.2 12.4

130 24.9 18.8 28.2

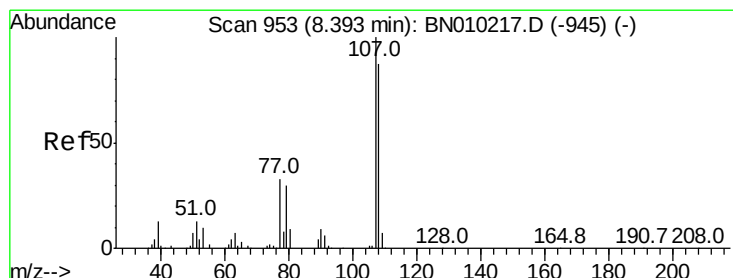
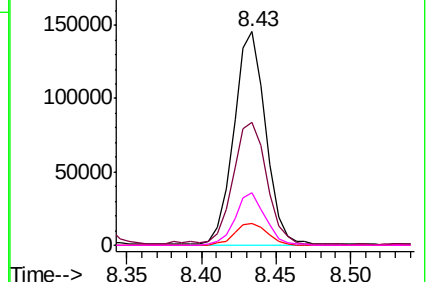
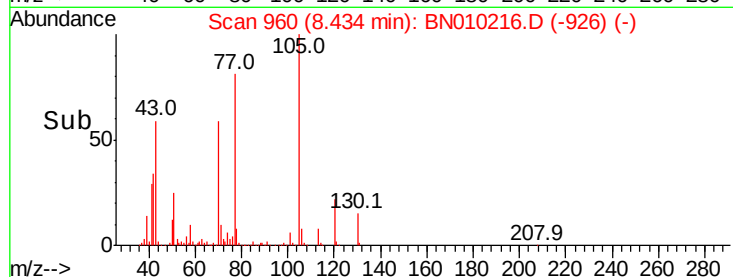


Abundance Ion 70.00 (69.70 to 70.70): BN010217.D (-953) (-)

Ion 42.00 (41.70 to 42.70): BN010217.D (-953) (-)

Ion 101.00 (100.70 to 101.70): BN010217.D (-953) (-)

Ion 130.00 (129.70 to 130.70): BN010217.D (-953) (-)



#16

4-Methylphenol

Concen: 8.357 ng/ul

RT: 8.39 min Scan# 953

Delta R.T. 0.00 min

Lab File: BN010216.D

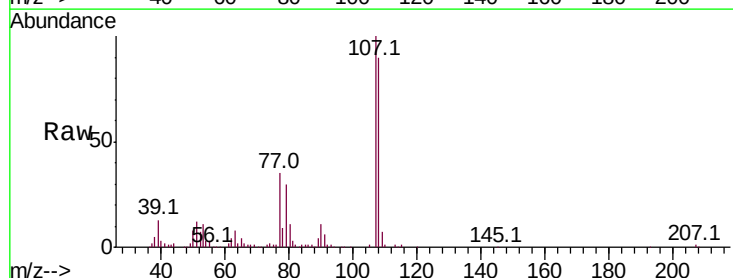
Acq: 14 Mar 2020 11:14

Tgt Ion: 108 Resp: 271802

Ion Ratio Lower Upper

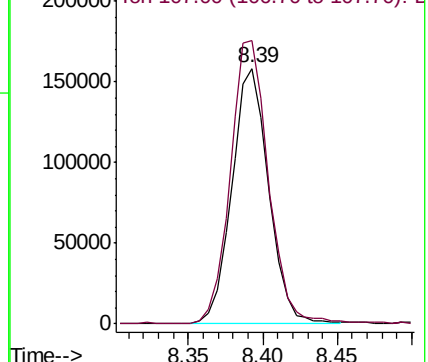
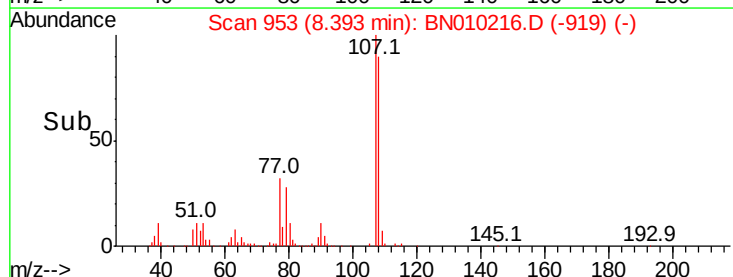
108 100

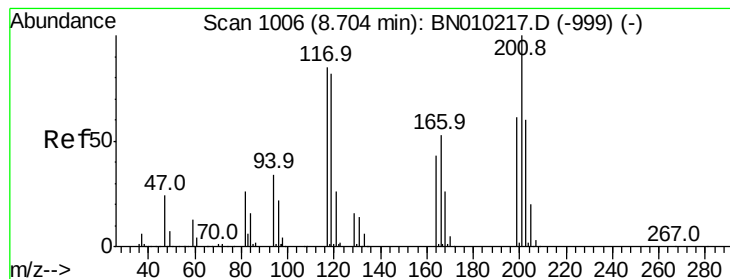
107 110.8 91.8 137.8



Abundance Ion 108.00 (107.70 to 108.70): BN010217.D (-945) (-)

Ion 107.00 (106.70 to 107.70): BN010217.D (-945) (-)





#17

Hexachloroethane

Concen: 8.926 ng/ul

RT: 8.70 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

ClientSampled :

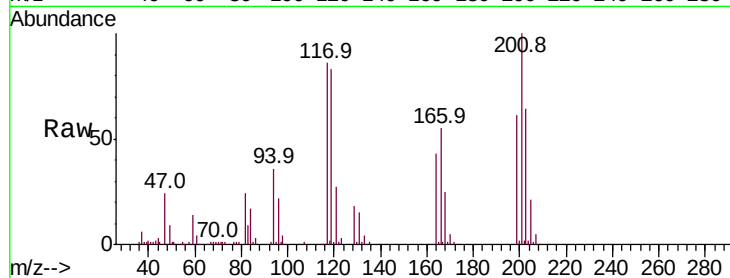
Tot Ion:117 Resp: 121724

Ion Ratio Lower Upper

117 100

201 115.9 93.6 140.4

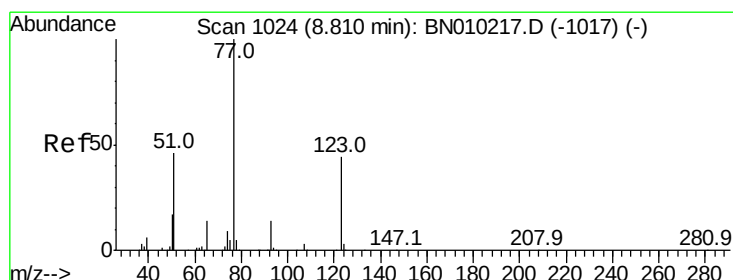
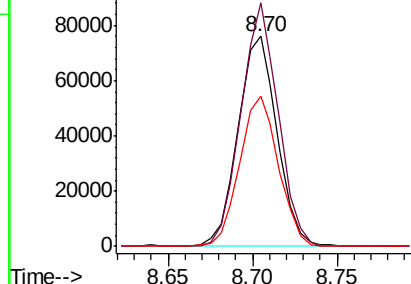
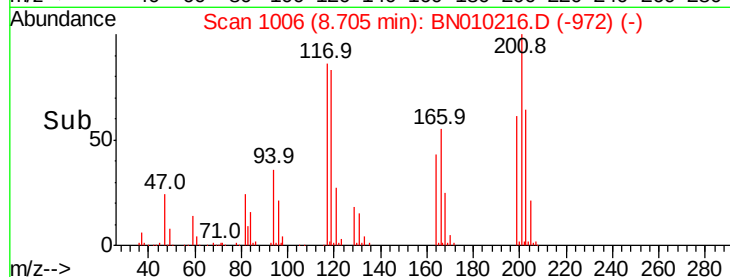
199 71.2 56.9 85.3



Abundance Ion 117.00 (116.70 to 117.70): E

120000 Ion 201.00 (200.70 to 201.70): E

100000 Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 7.732 ng/ul

RT: 8.81 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

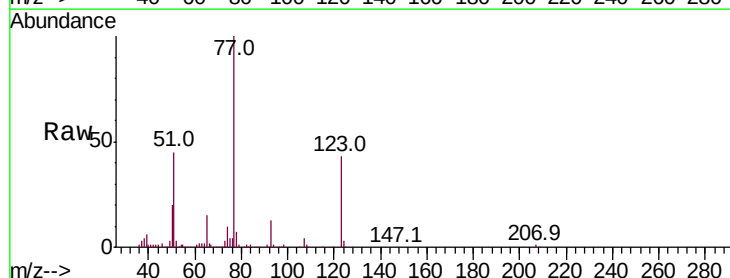
Tgt Ion: 77 Resp: 297259

Ion Ratio Lower Upper

77 100

123 42.7 35.4 53.0

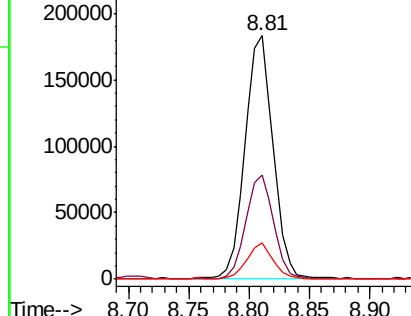
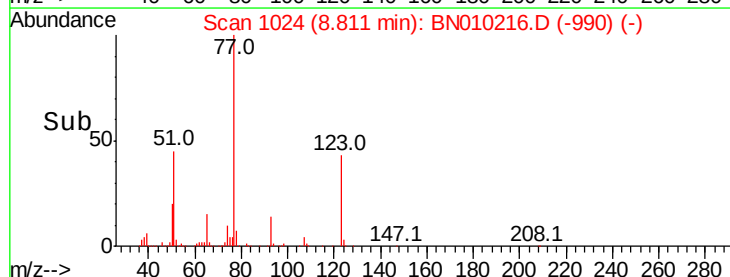
65 14.6 11.0 16.4

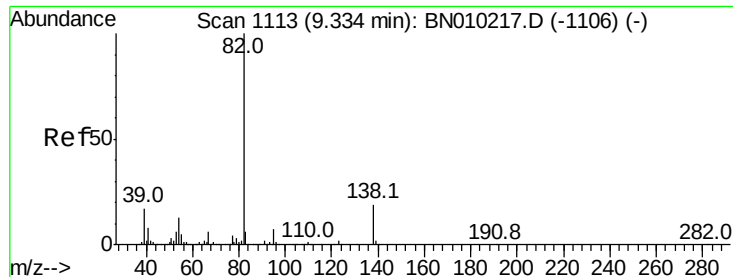


Abundance Ion 77.00 (76.70 to 77.70): BN0

250000 Ion 123.00 (122.70 to 123.70): E

200000 Ion 65.00 (64.70 to 65.70): BN0

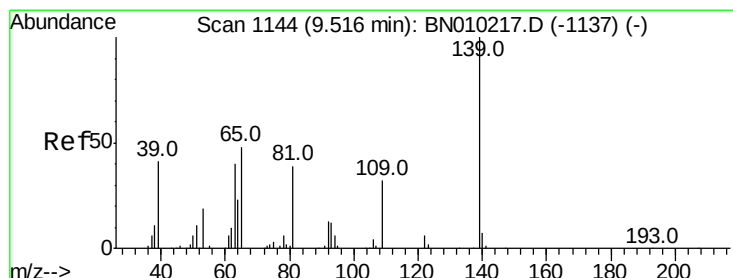
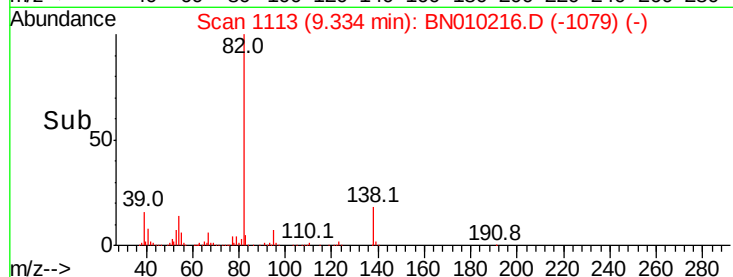
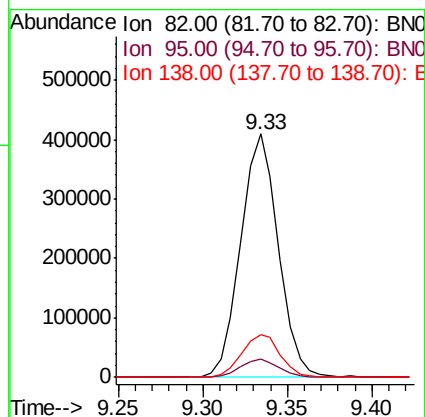
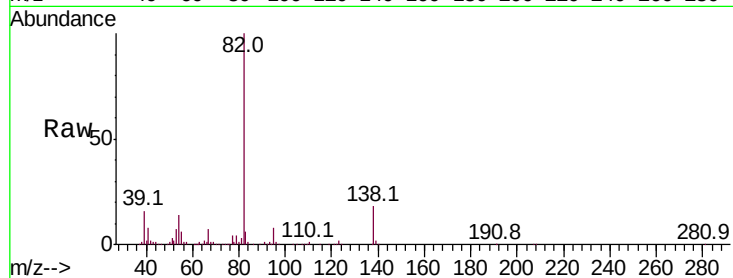




#21  
Isophorone  
Concen: 9.332 ng/ul  
RT: 9.33 min Scan# 1113  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

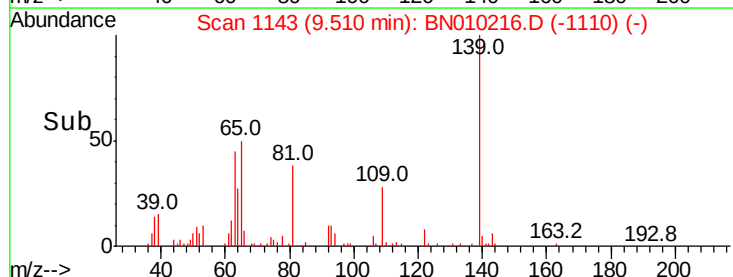
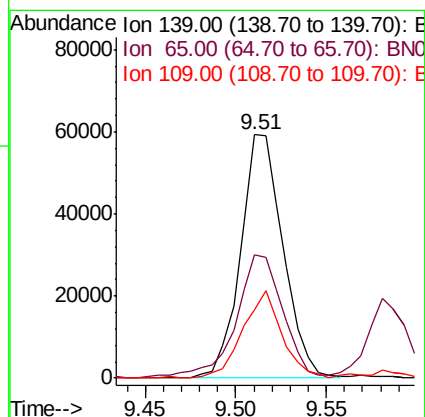
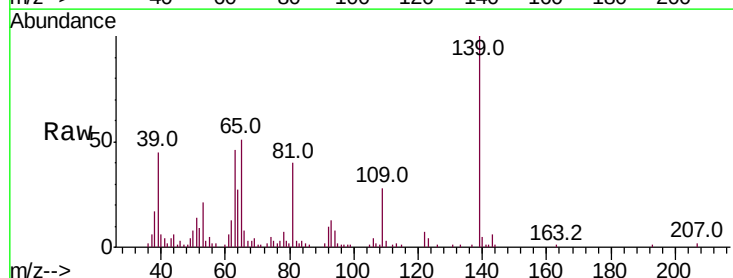
Instrument :  
BNA\_N  
ClientSampled :

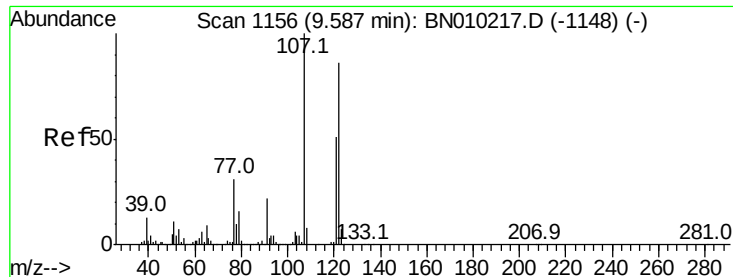
Tot Ion: 82 Resp: 631410  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.0 9.0  
138 17.7 14.8 22.2



#23  
2-Nitrophenol  
Concen: 6.035 ng/ul  
RT: 9.51 min Scan# 1143  
Delta R.T. -0.01 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

Tgt Ion: 139 Resp: 96374  
Ion Ratio Lower Upper  
139 100  
65 50.9 40.5 60.7  
109 28.0 25.9 38.9

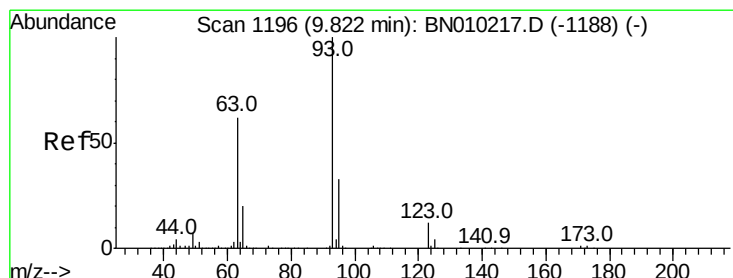
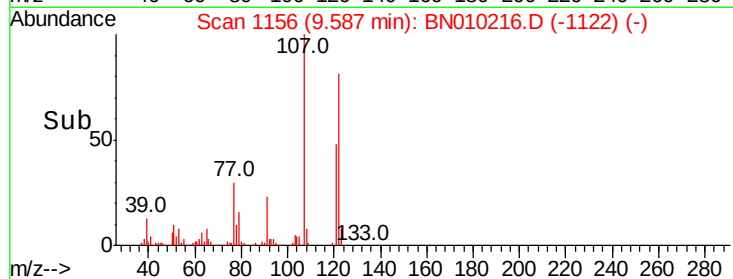
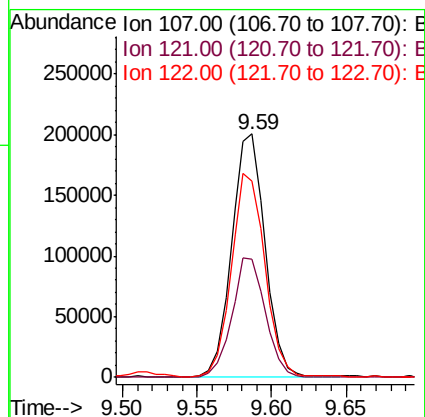
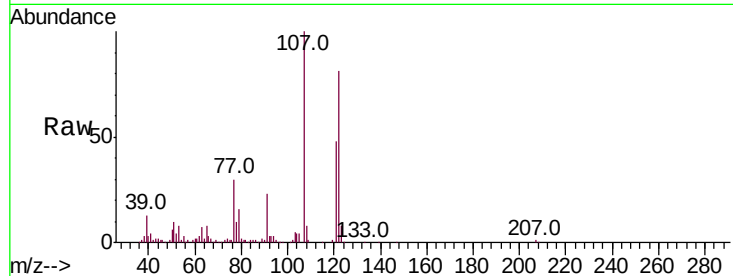




#24  
 2,4-Dimethylphenol  
 Concen: 9.073 ng/ul  
 RT: 9.59 min Scan# 1156  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

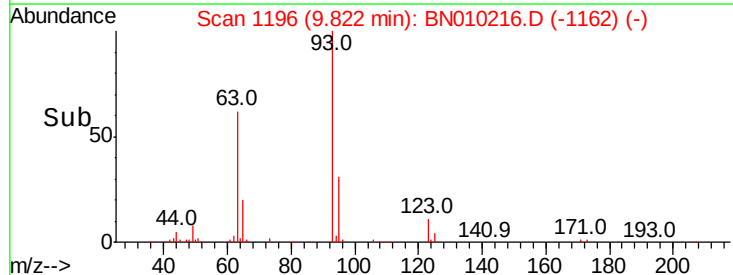
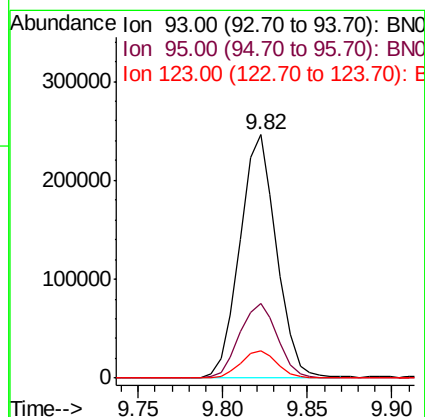
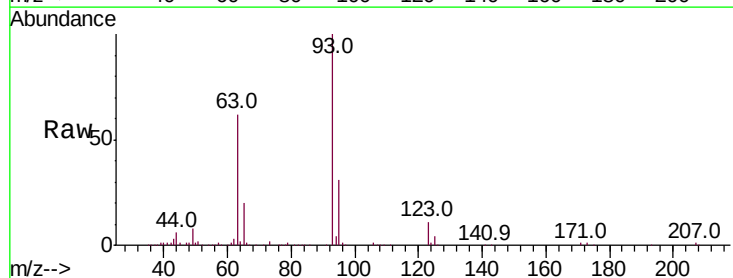
Instrument :  
 BNA\_N  
 ClientSampleId :

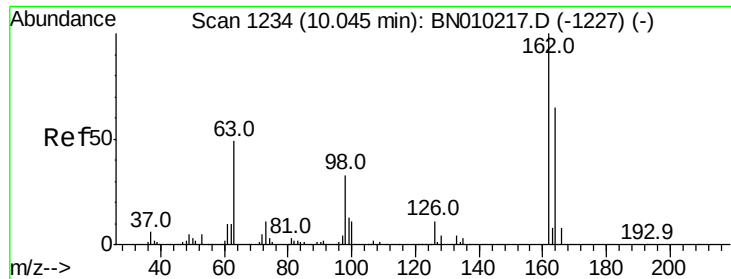
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 48.3  | 40.5  | 60.7  |
| 122     | 80.5  | 68.9  | 103.3 |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 8.958 ng/ul  
 RT: 9.82 min Scan# 1196  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.9  | 26.1  | 39.1  |
| 123     | 11.2  | 9.5   | 14.3  |

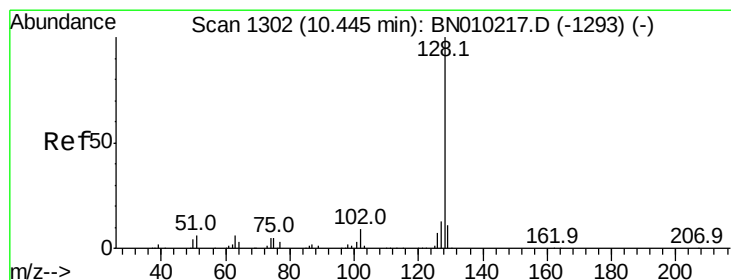
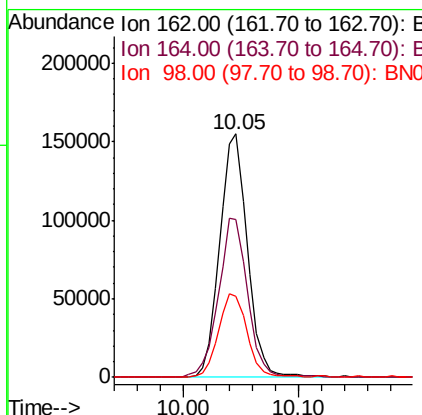
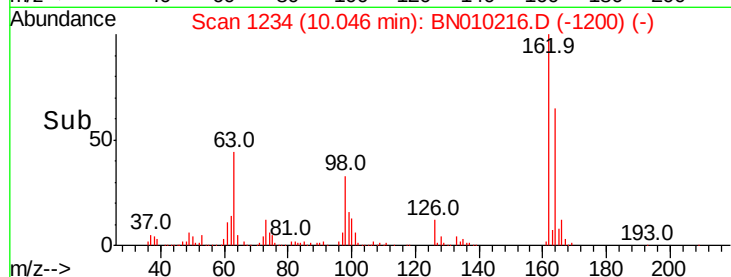
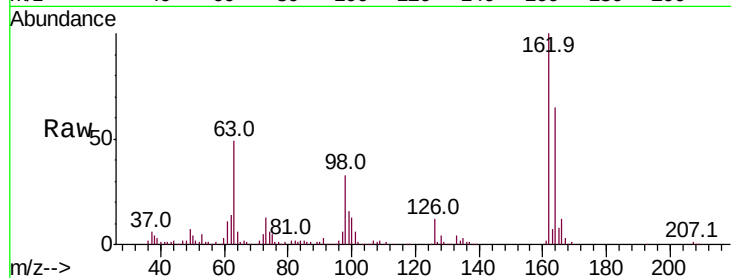




#27  
2,4-Dichlorophenol  
Concen: 9.342 ng/ul  
RT: 10.05 min Scan# 1234  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

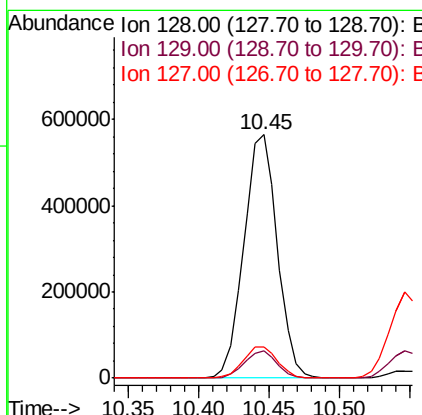
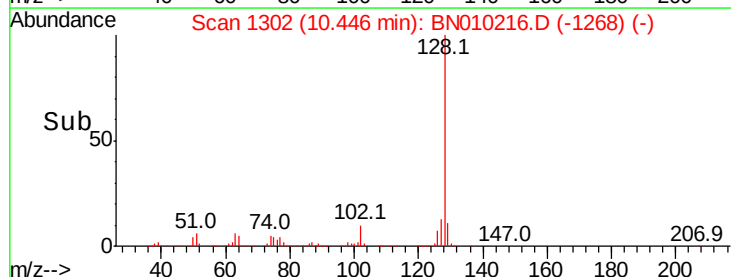
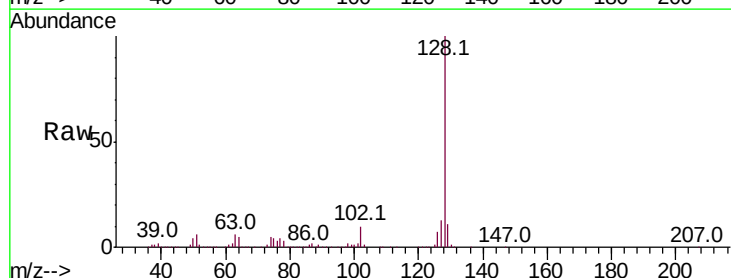
Instrument :  
BNA\_N  
ClientSampleId :

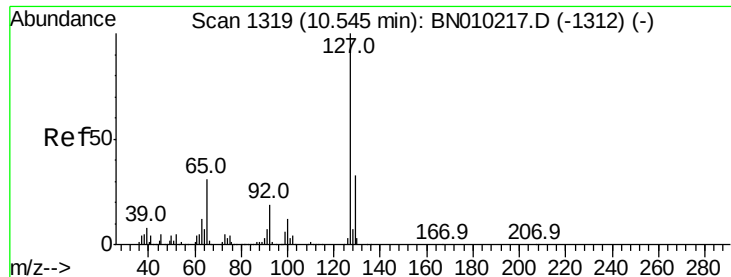
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.8  | 52.6  | 78.8  |
| 98      | 33.4  | 26.6  | 39.8  |



#28  
Naphthalene  
Concen: 9.760 ng/ul  
RT: 10.45 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.7   | 13.1  |
| 127     | 13.0  | 10.2  | 15.4  |

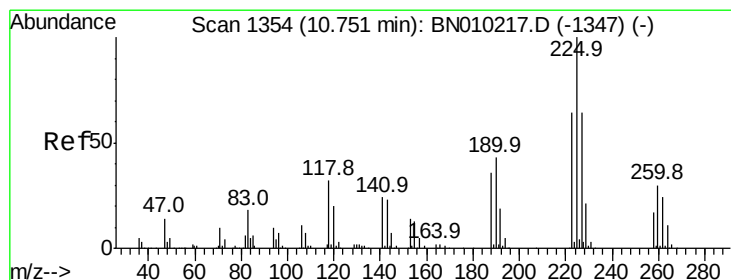
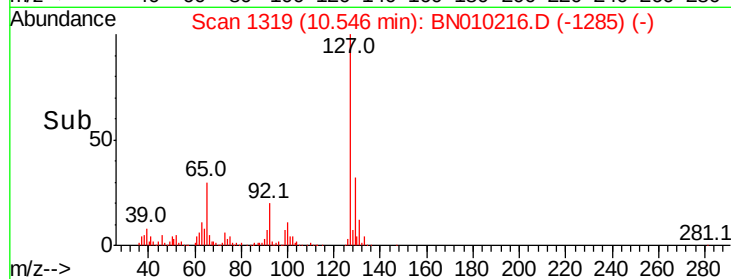
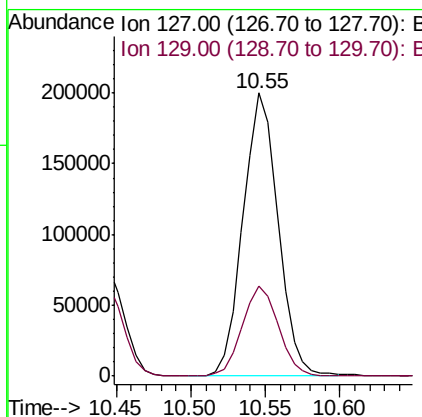
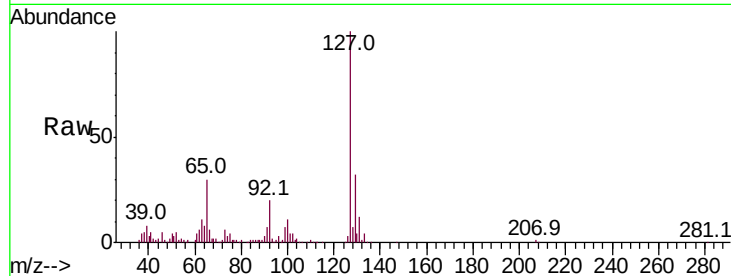




#30  
4-Chloroaniline  
Concen: 10.321 ng/ul  
RT: 10.55 min Scan# 1319  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

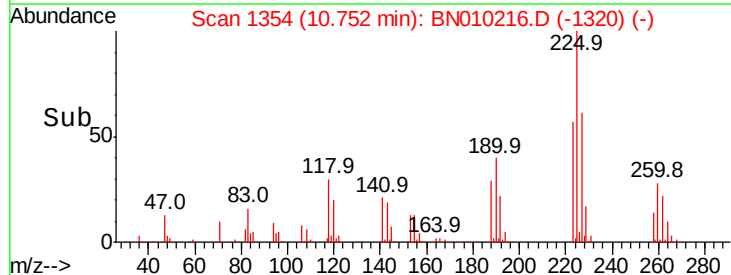
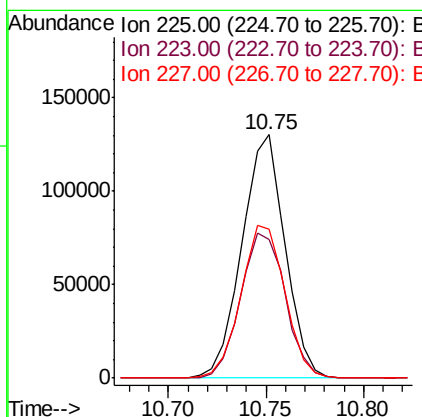
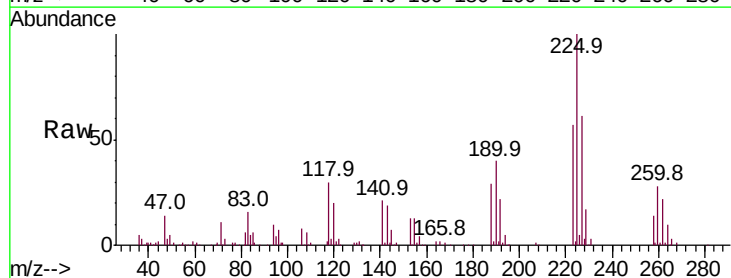
Instrument :  
BNA\_N  
ClientSampled :

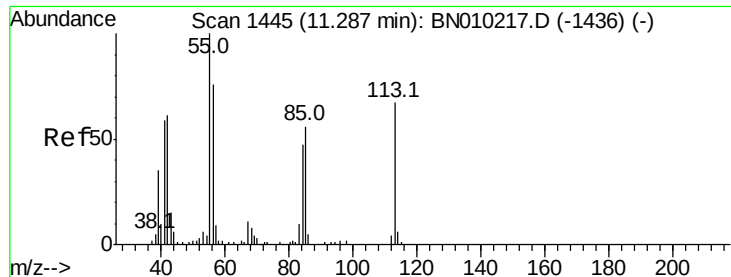
Tot Ion:127 Resp: 325827  
Ion Ratio Lower Upper  
127 100  
129 31.9 26.6 39.8



#31  
Hexachlorobutadiene  
Concen: 10.754 ng/ul  
RT: 10.75 min Scan# 1354  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

Tgt Ion:225 Resp: 199085  
Ion Ratio Lower Upper  
225 100  
223 57.1 50.9 76.3  
227 61.4 50.8 76.2





#32

Caprolactam

Concen: 8.601 ng/ul

RT: 11.29 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

ClientSampleId :

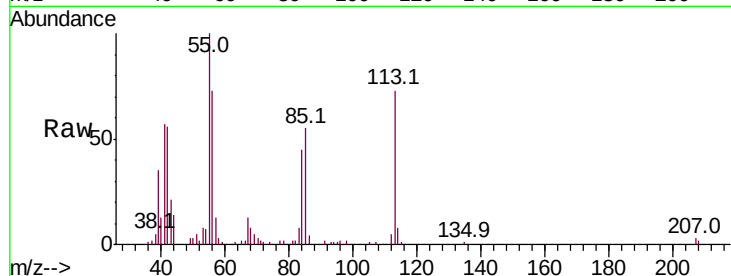
Tot Ion:113 Resp: 79846

Ion Ratio Lower Upper

113 100

55 137.9 121.9 182.9

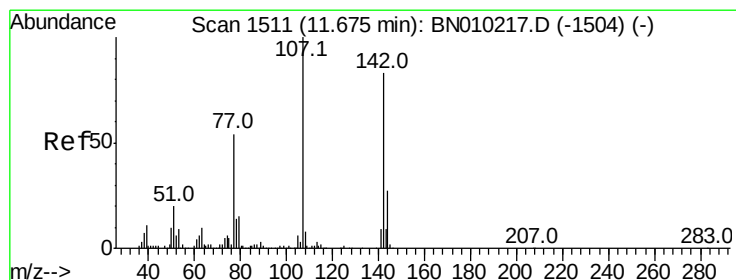
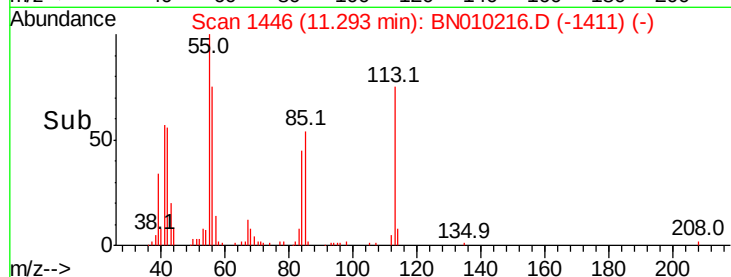
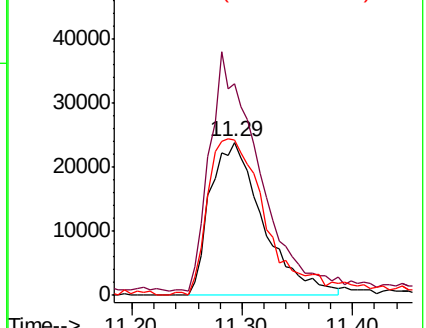
56 101.2 91.5 137.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#33

4-Chloro-3-methylphenol

Concen: 8.709 ng/ul

RT: 11.68 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

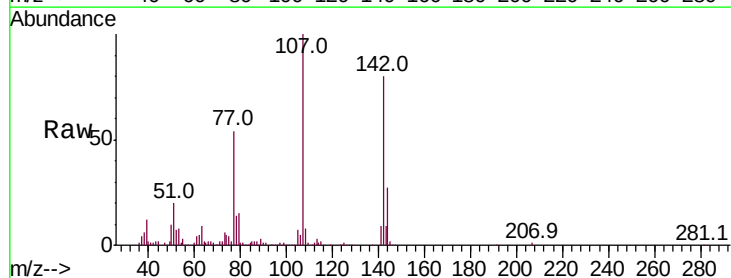
Tgt Ion:107 Resp: 275675

Ion Ratio Lower Upper

107 100

144 27.0 21.8 32.8

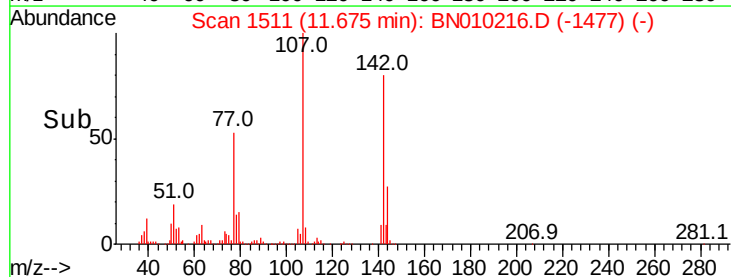
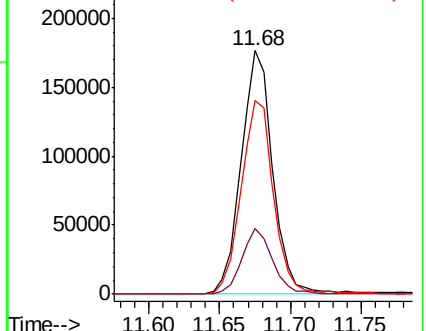
142 79.7 66.6 100.0

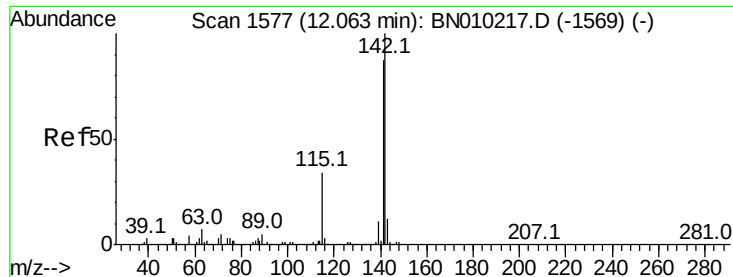


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 10.064 ng/uL

RT: 12.06 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

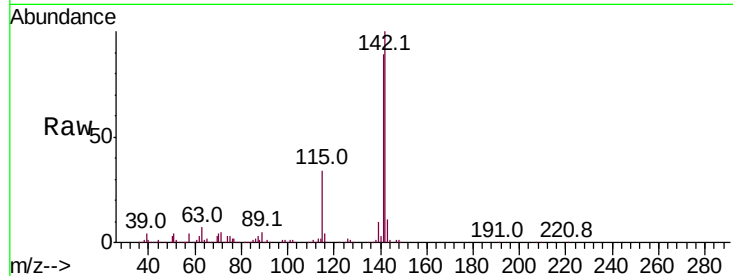
ClientSampleId :

Tot Ion:142 Resp: 672045

Ion Ratio Lower Upper

142 100

141 89.1 69.4 104.0



Abundance Ion 142.00 (141.70 to 142.70): E

500000

Ion 141.00 (140.70 to 141.70): E

400000

300000

200000

100000

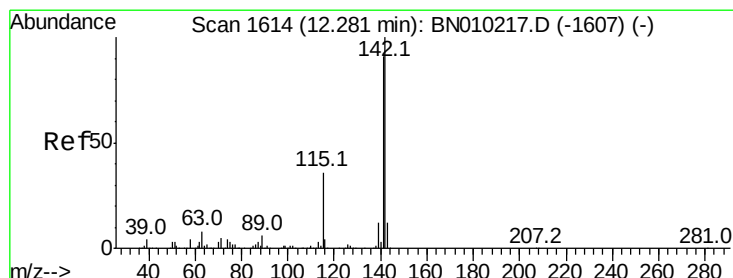
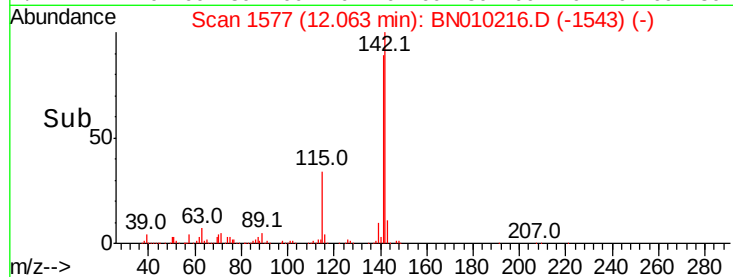
0

12.00

12.05

12.10

Time-->



#35

1-Methylnaphthalene

Concen: 10.013 ng/uL

RT: 12.28 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

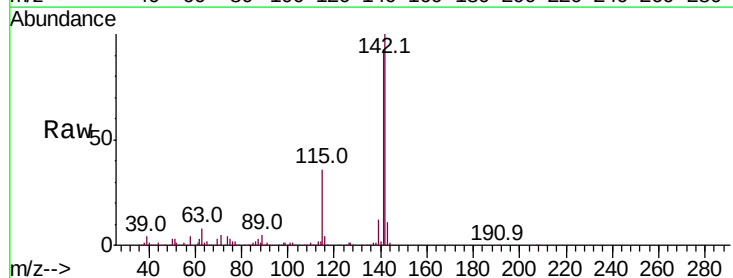
Tgt Ion:142 Resp: 670172

Ion Ratio Lower Upper

142 100

141 92.9 72.6 109.0

116 3.8 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E

600000

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

500000

400000

300000

200000

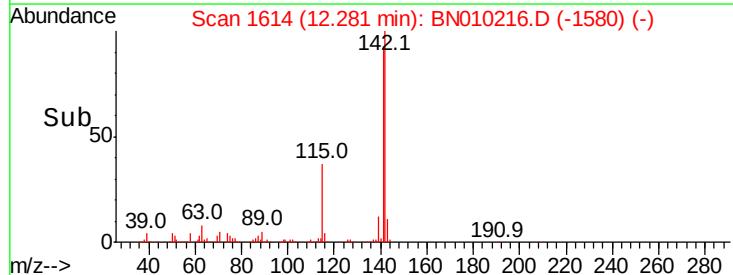
100000

0

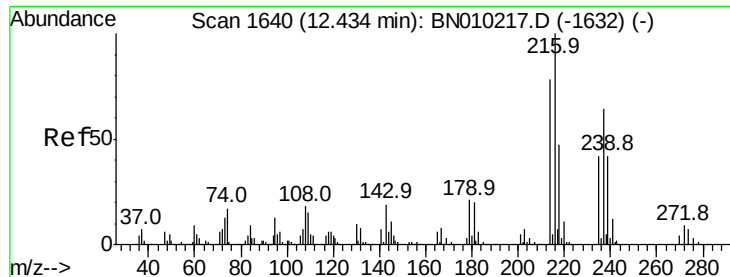
12.20

12.30

Time-->



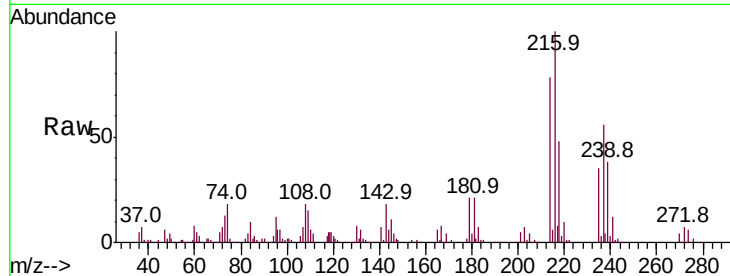




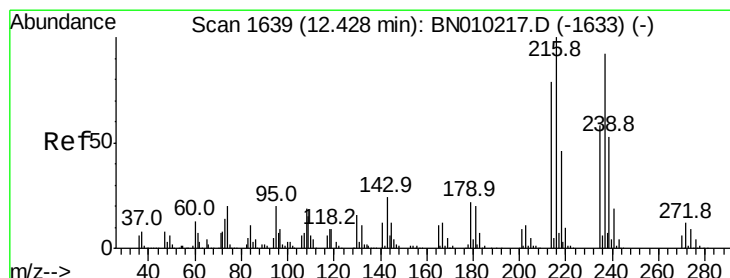
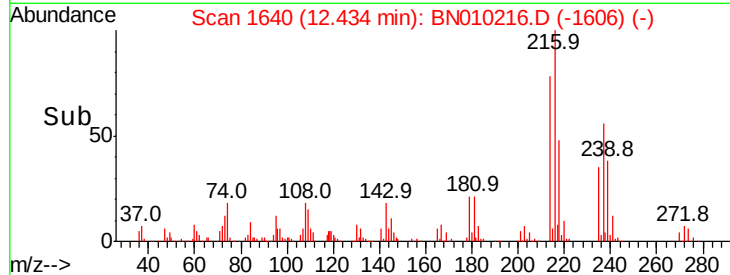
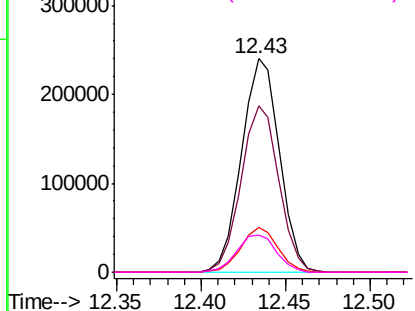
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 10.604 ng/ul  
 RT: 12.43 min Scan# 1640  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:216 Resp: 375148  
 Ion Ratio Lower Upper  
 216 100  
 214 78.2 62.7 94.1  
 179 20.9 16.7 25.1  
 108 17.6 14.2 21.4

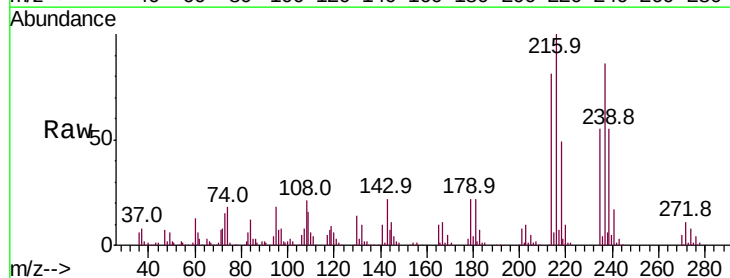


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

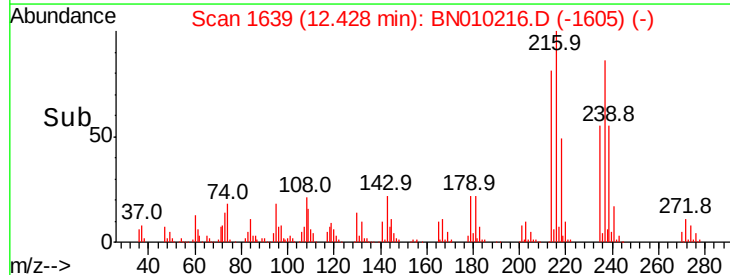
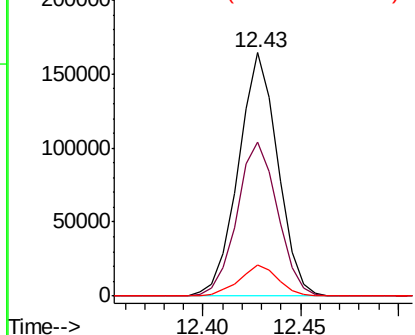


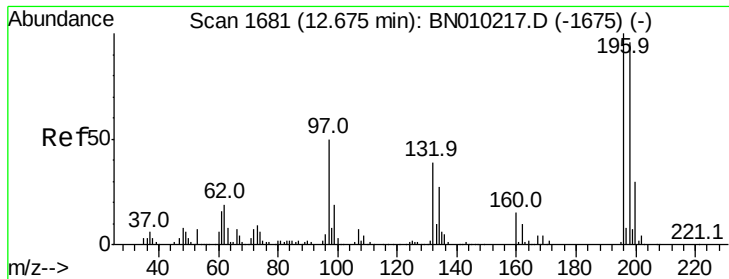
#38  
 Hexachlorocyclopentadiene  
 Concen: 15.006 ng/ul  
 RT: 12.43 min Scan# 1639  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

Tgt Ion:237 Resp: 229708  
 Ion Ratio Lower Upper  
 237 100  
 235 63.5 50.7 76.1  
 272 12.7 10.6 15.8



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

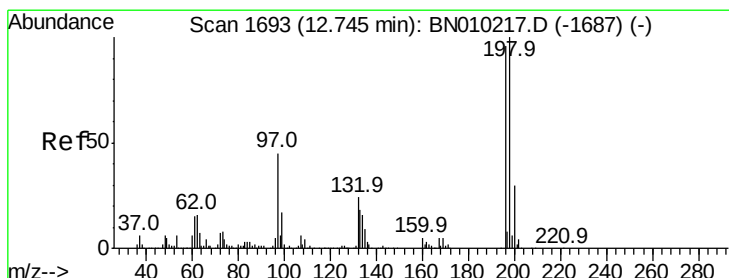
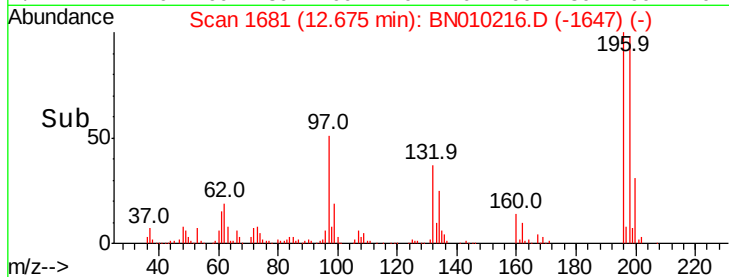
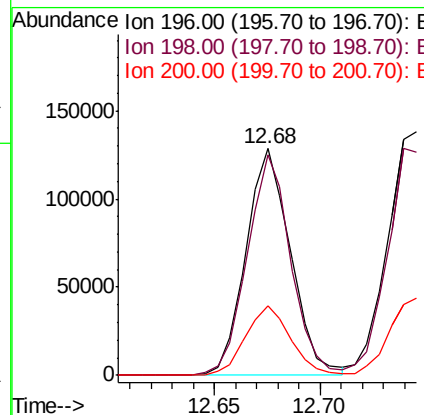
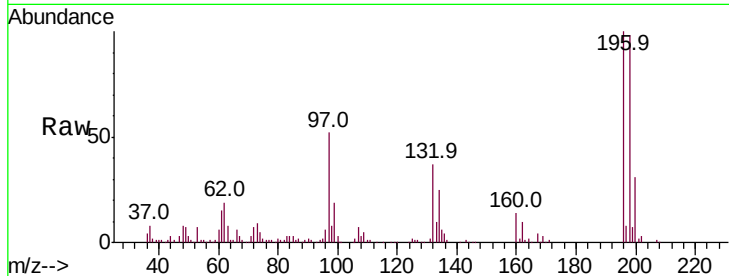




#39  
 2,4,6-Trichlorophenol  
 Concen: 8.391 ng/ul  
 RT: 12.68 min Scan# 1681  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

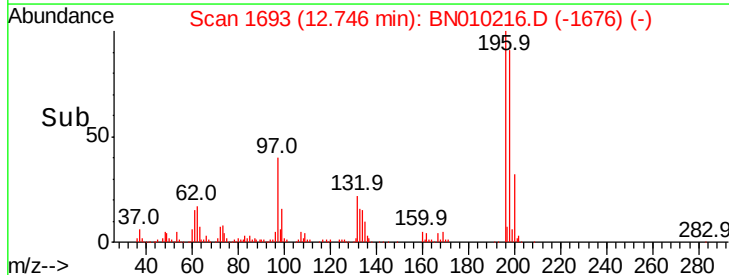
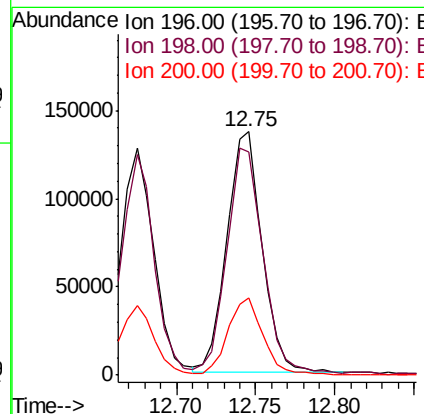
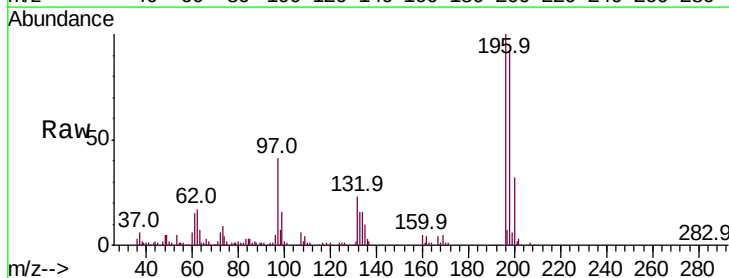
Instrument :  
 BNA\_N  
 ClientSampleId :

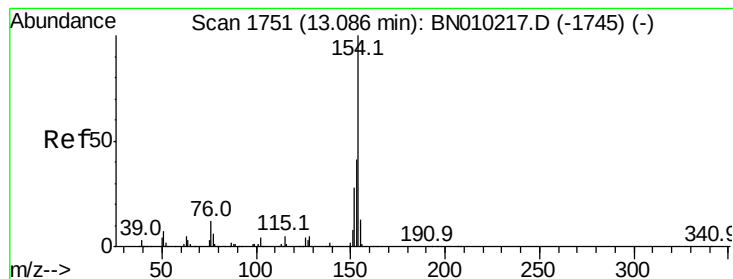
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.5  | 76.6  | 115.0 |
| 200     | 30.9  | 24.4  | 36.6  |



#40  
 2,4,5-Trichlorophenol  
 Concen: 8.739 ng/ul  
 RT: 12.75 min Scan# 1693  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 91.5  | 83.3  | 124.9 |
| 200     | 32.0  | 25.0  | 37.6  |





#41

1,1'-Biphenyl

Concen: 9.572 ng/ul

RT: 13.09 min Scan# 1751

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

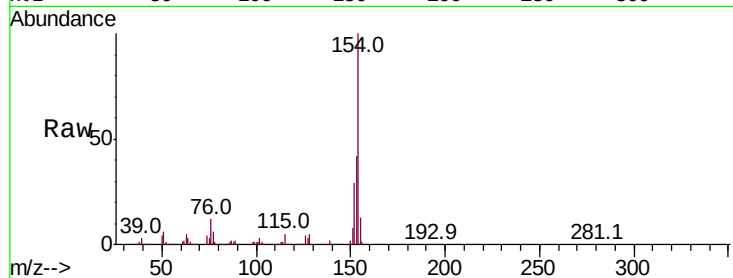
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:154 Resp: 877557

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.9  | 32.9  | 49.3  |
| 76  | 11.6  | 9.9   | 14.9  |

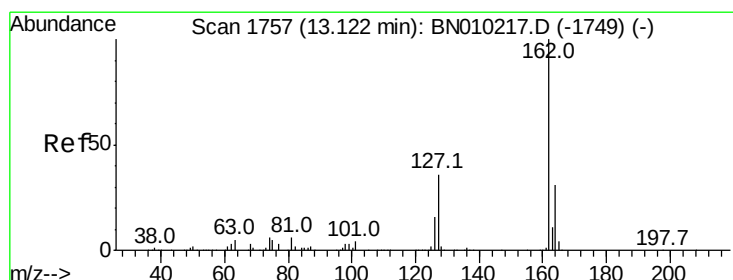
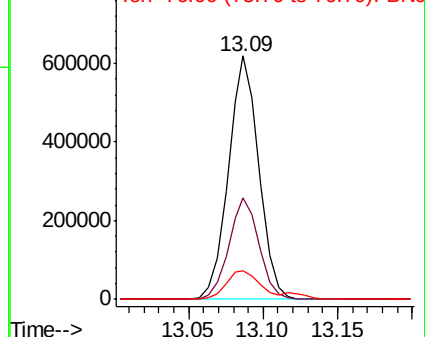
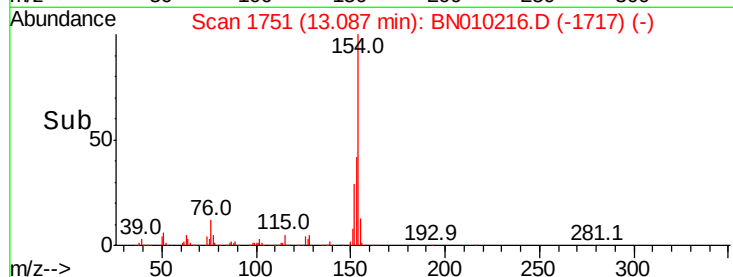


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#42

2-Chloronaphthalene

Concen: 9.802 ng/ul

RT: 13.12 min Scan# 1757

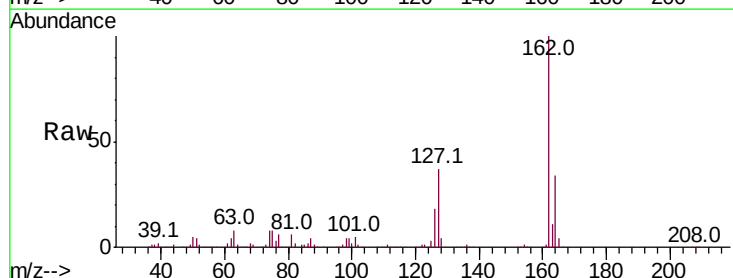
Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Tgt Ion:162 Resp: 713633

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 33.7  | 25.1  | 37.7  |
| 127 | 36.8  | 30.3  | 45.5  |

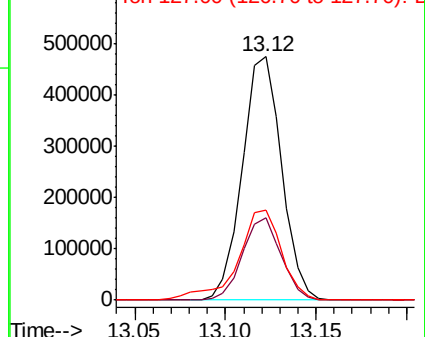
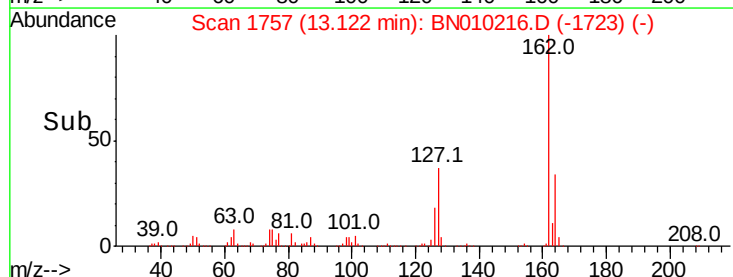


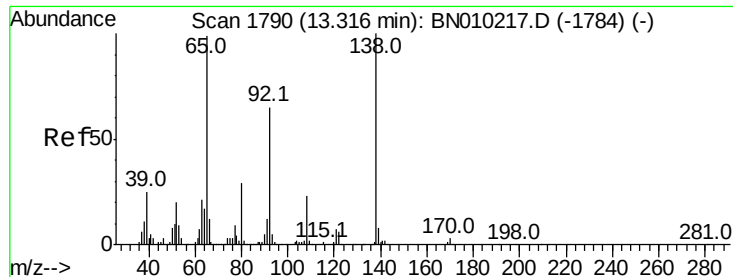
Abundance

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

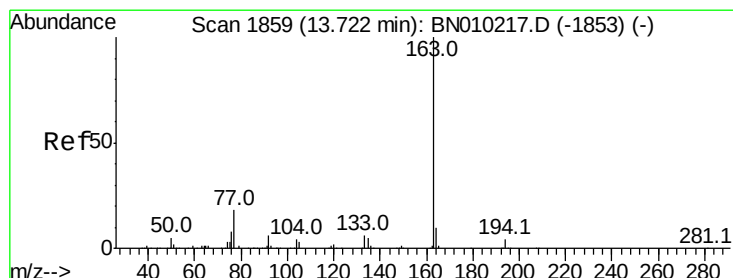
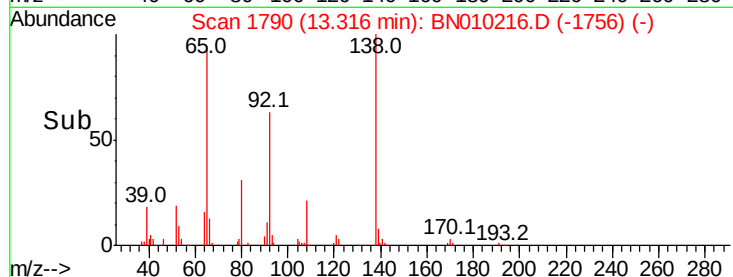
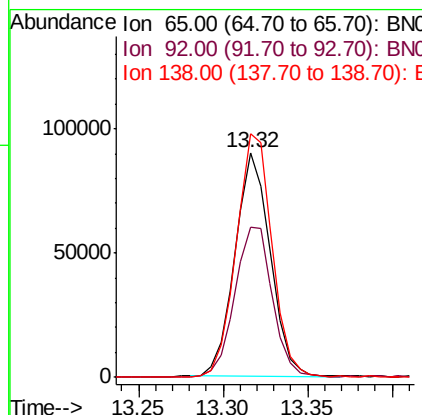
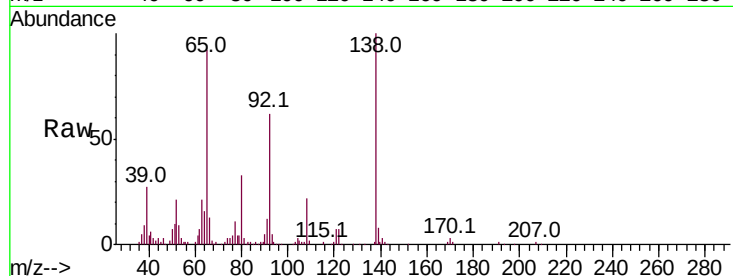




#43  
2-Nitroaniline  
Concen: 4.912 ng/ul  
RT: 13.32 min Scan# 1790  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

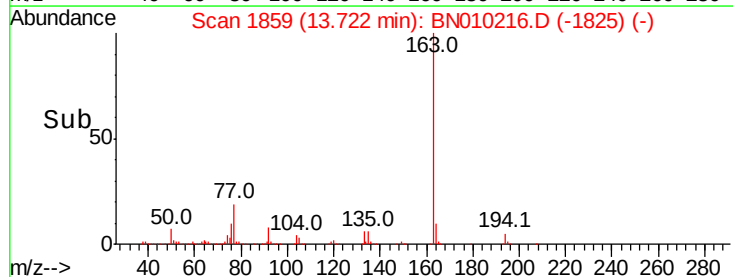
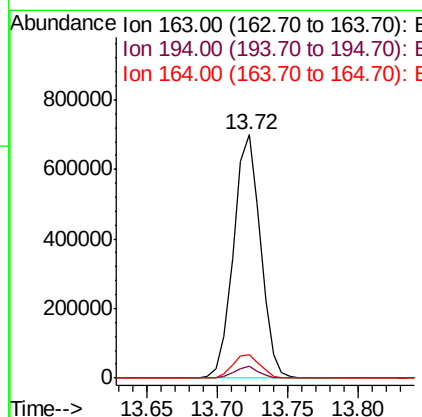
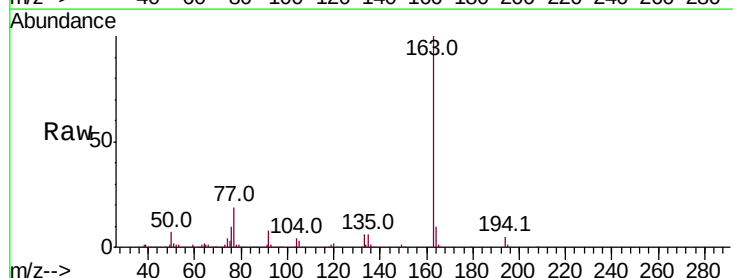
Instrument :  
BNA\_N  
ClientSampled :

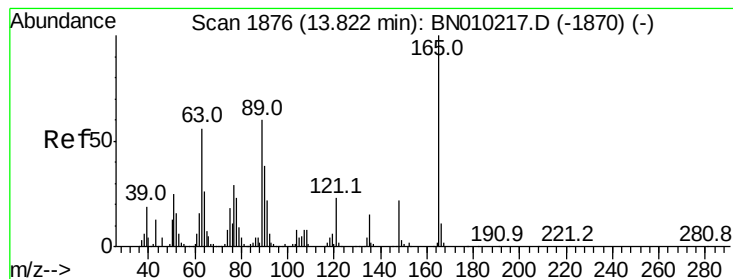
Tot Ion: 65 Resp: 130793  
Ion Ratio Lower Upper  
65 100  
92 67.0 52.6 78.8  
138 108.4 81.0 121.4



#45  
Dimethylphthalate  
Concen: 9.994 ng/ul  
RT: 13.72 min Scan# 1859  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

Tgt Ion:163 Resp: 929778  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.6 5.4  
164 9.8 8.3 12.5





#46

2,6-Dinitrotoluene

Concen: 7.739 ng/ul

RT: 13.83 min Scan# 1877

Delta R.T. 0.01 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

ClientSampled :

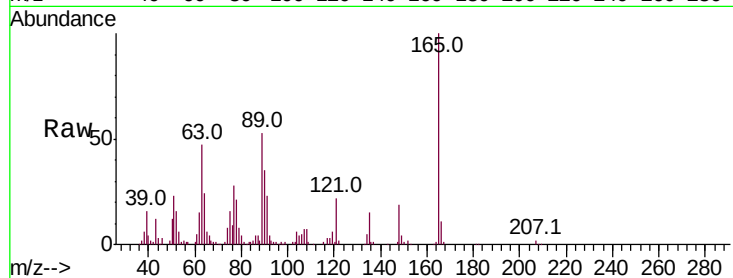
Tot Ion:165 Resp: 140937

Ion Ratio Lower Upper

165 100

89 52.9 48.2 72.2

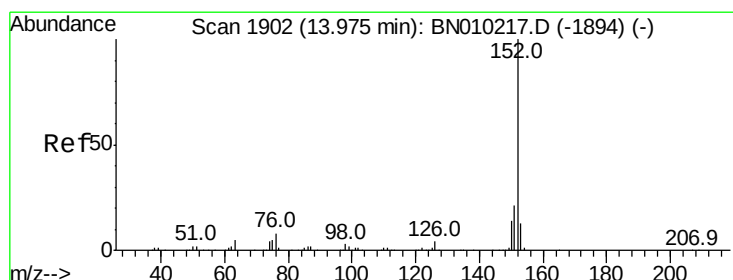
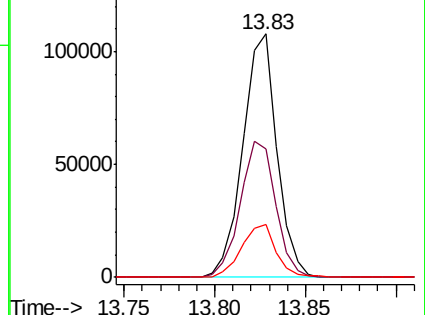
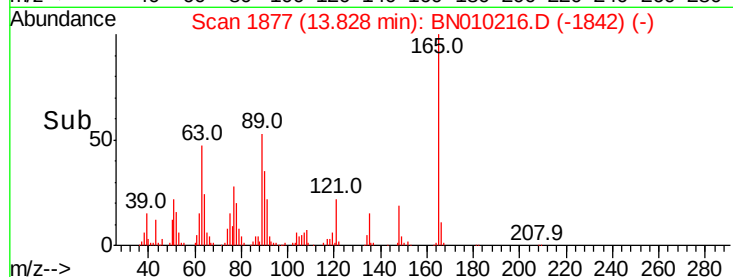
121 21.7 18.6 28.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNO

Ion 121.00 (120.70 to 121.70): E



#48

Acenaphthylene

Concen: 9.965 ng/ul

RT: 13.97 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

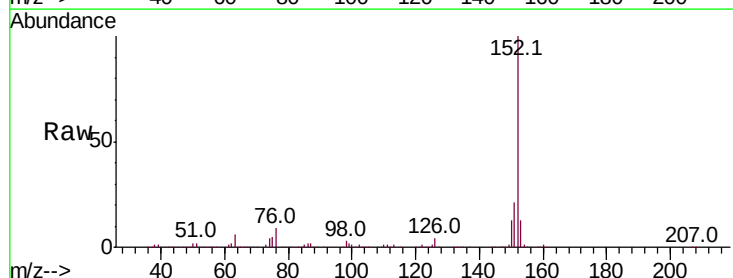
Tgt Ion:152 Resp: 1132553

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

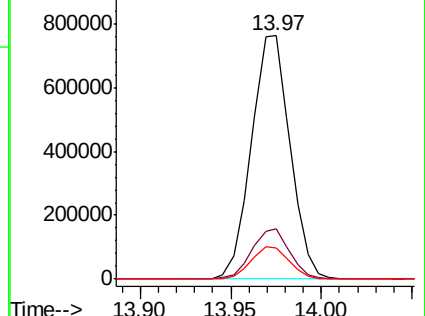
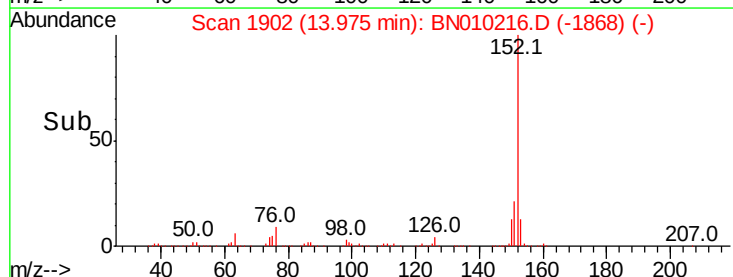
153 12.7 10.3 15.5

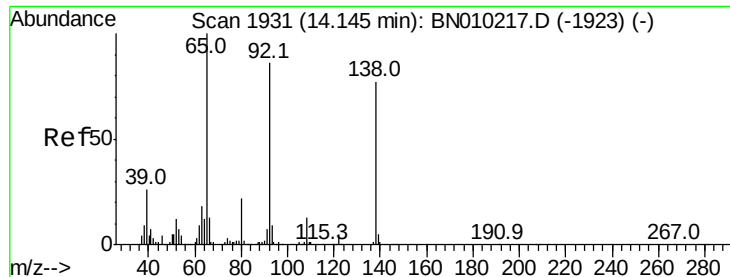


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

3-Nitroaniline

Concen: 7.402 ng/ul

RT: 14.15 min Scan# 1932

Delta R.T. 0.01 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

ClientSampleId :

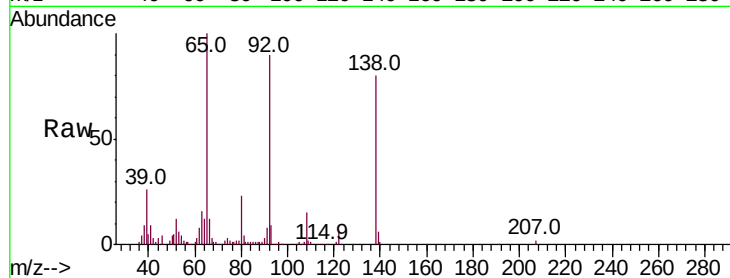
Tot Ion:138 Resp: 124449

Ion Ratio Lower Upper

138 100

108 18.8 13.2 19.8

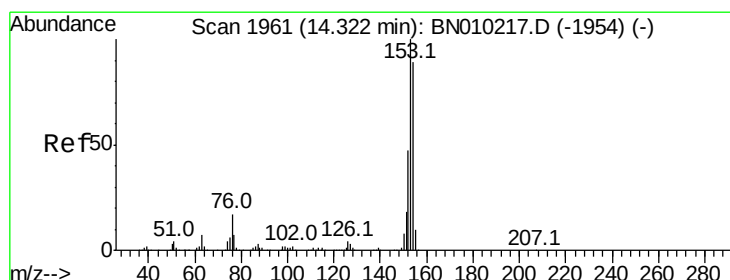
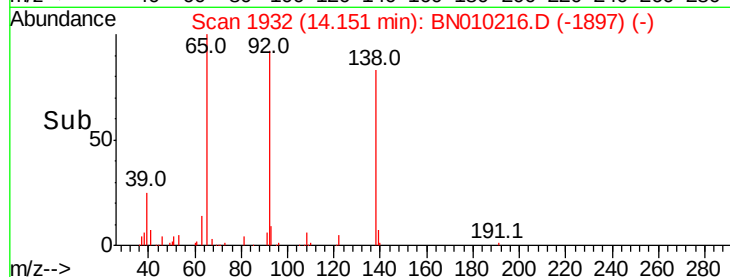
92 112.4 88.7 133.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO



#50

Acenaphthene

Concen: 9.888 ng/ul

RT: 14.32 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

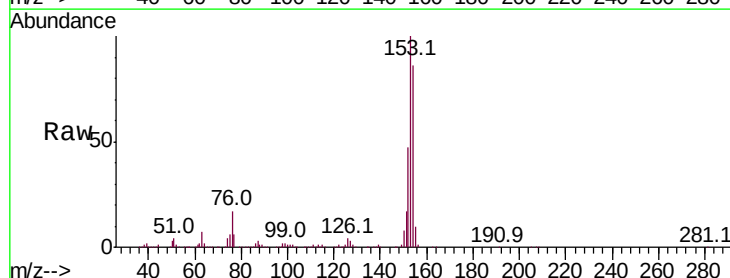
Tgt Ion:153 Resp: 770412

Ion Ratio Lower Upper

153 100

152 46.6 37.2 55.8

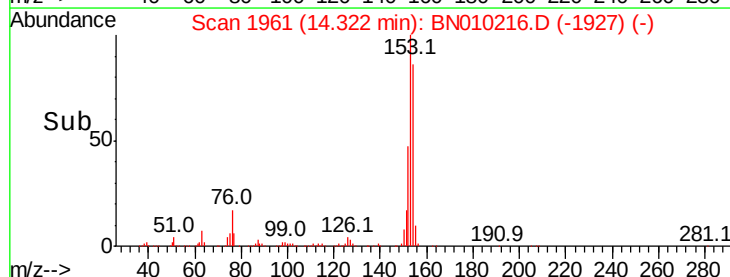
154 85.9 70.8 106.2

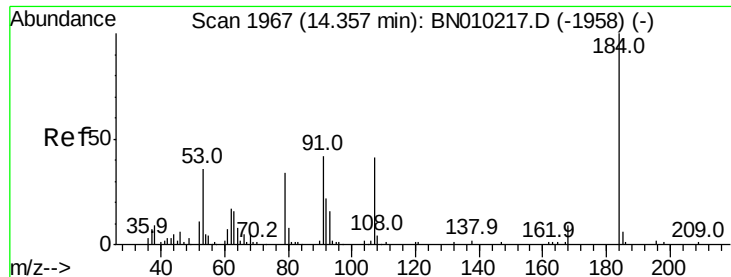


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

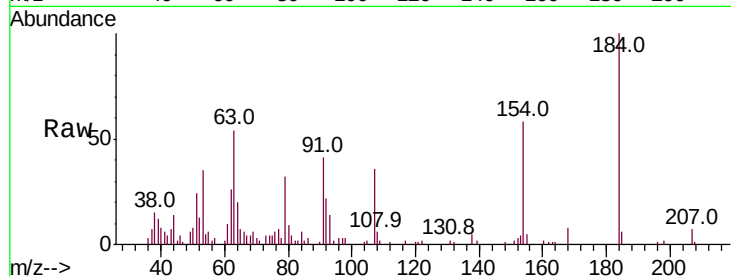




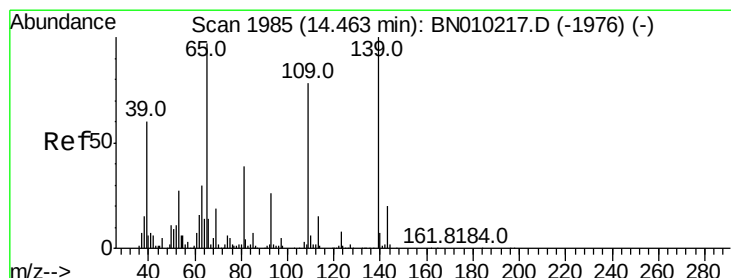
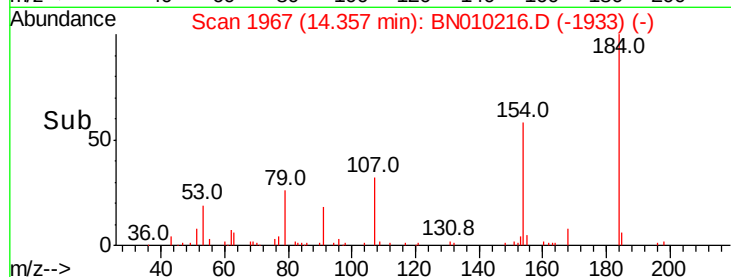
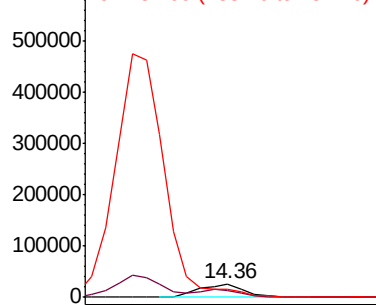
#51  
 2,4-Dinitrophenol  
 Concen: 3.465 ng/ul  
 RT: 14.36 min Scan# 1967  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

Instrument :  
 BNA\_N  
 ClientSampled :

Tot Ion:184 Resp: 36223  
 Ion Ratio Lower Upper  
 184 100  
 63 54.0 46.2 69.2  
 154 57.9 50.5 75.7

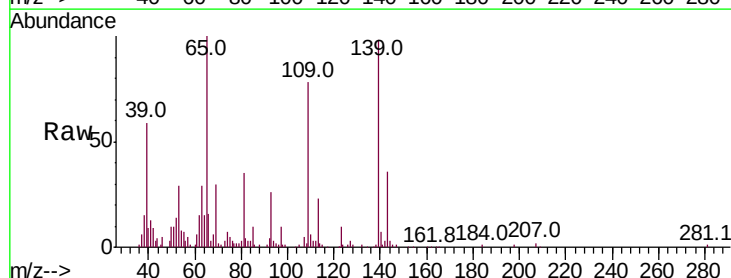


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BNO  
 Ion 154.00 (153.70 to 154.70): E

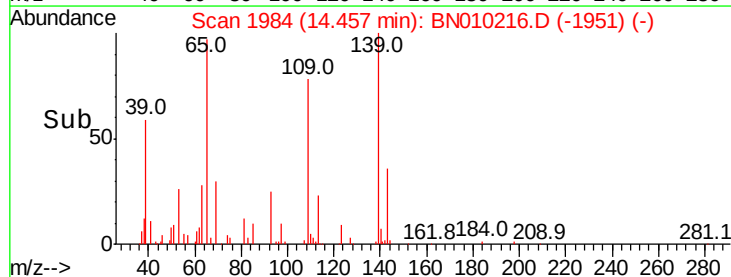
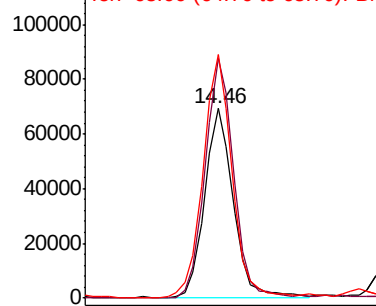


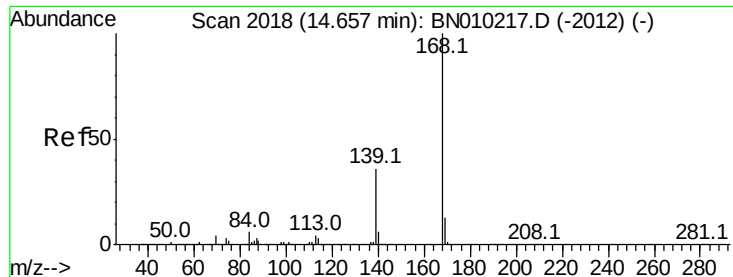
#53  
 4-Nitrophenol  
 Concen: 6.712 ng/ul  
 RT: 14.46 min Scan# 1984  
 Delta R.T. -0.01 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

Tgt Ion:109 Resp: 98614  
 Ion Ratio Lower Upper  
 109 100  
 139 126.1 102.6 153.8  
 65 128.4 99.8 149.6



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): BNO





#54

Dibenzenofuran

Concen: 9.933 ng/ul

RT: 14.66 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

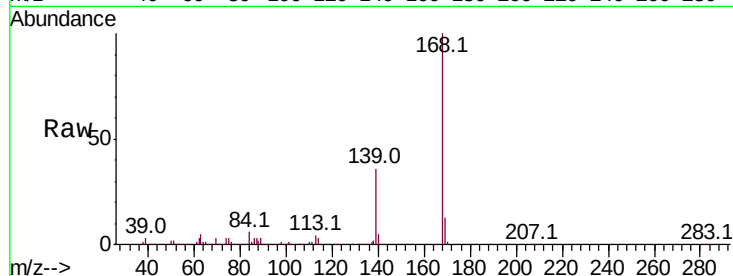
ClientSampled :

Tot Ion:168 Resp: 1086241

Ion Ratio Lower Upper

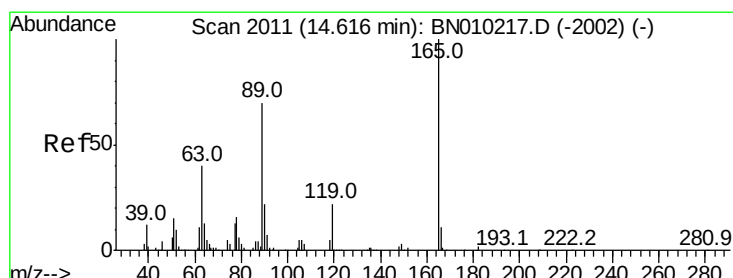
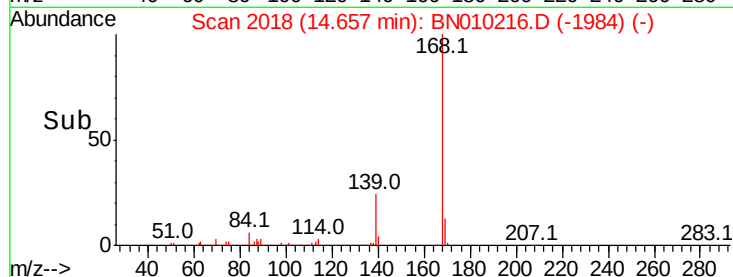
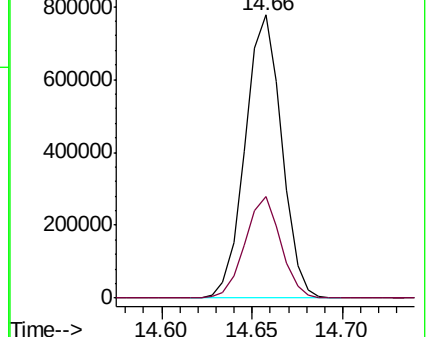
168 100

139 35.7 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 7.174 ng/ul

RT: 14.61 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

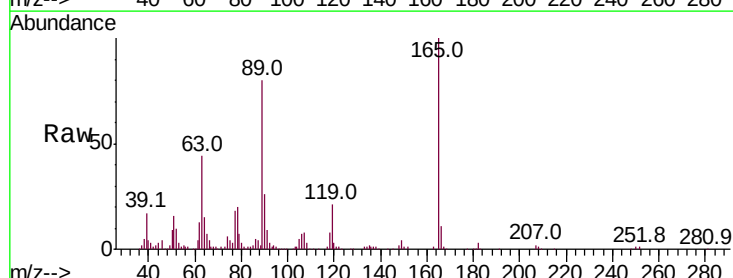
Tgt Ion:165 Resp: 193624

Ion Ratio Lower Upper

165 100

63 44.4 33.0 49.6

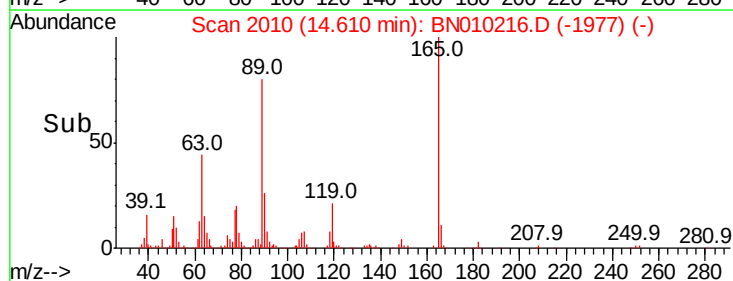
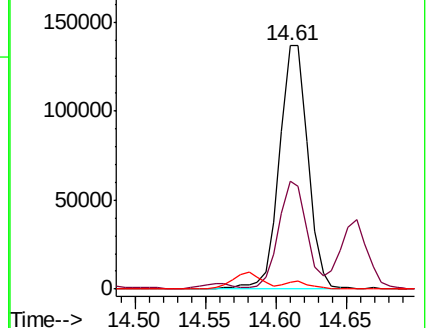
182 2.7 2.8 4.2#



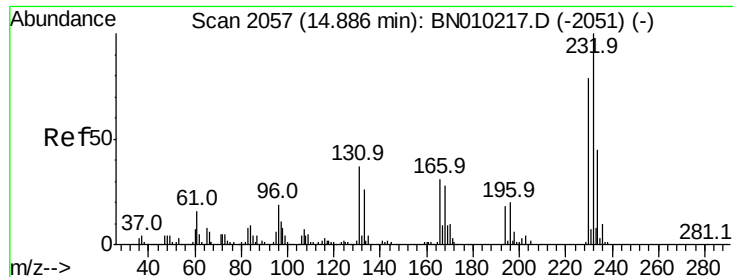
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E



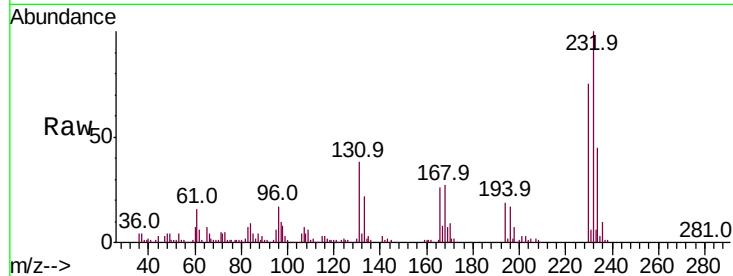




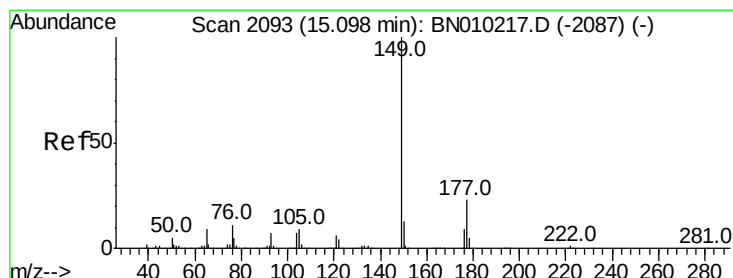
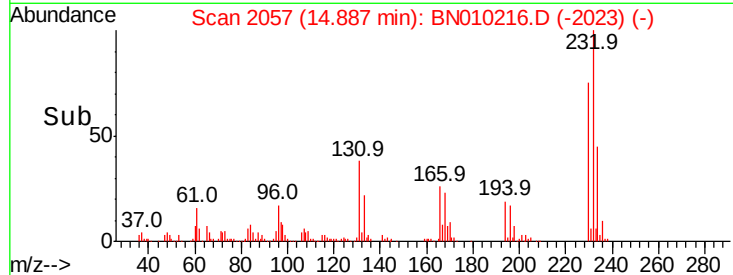
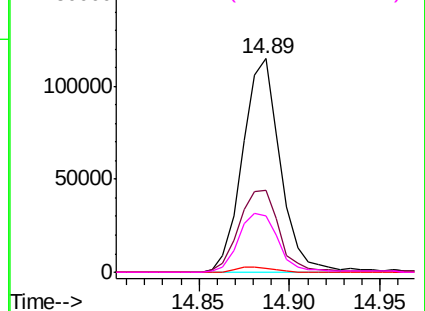
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 7.992 ng/ul  
 RT: 14.89 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

Instrument :  
 BNA\_N  
 ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:232 | Resp: | 165519      |
| Ion         | Ratio | Lower Upper |
| 232         | 100   |             |
| 131         | 38.1  | 29.8 44.6   |
| 130         | 2.0   | 1.8 2.6     |
| 166         | 26.5  | 24.7 37.1   |

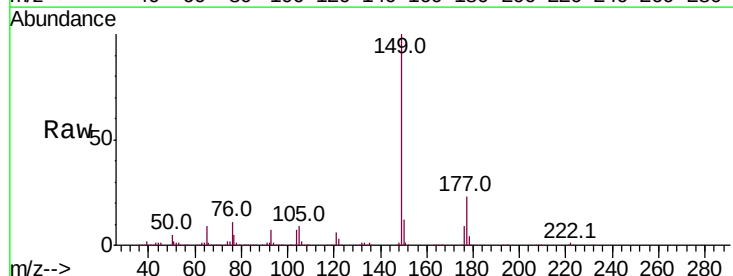


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

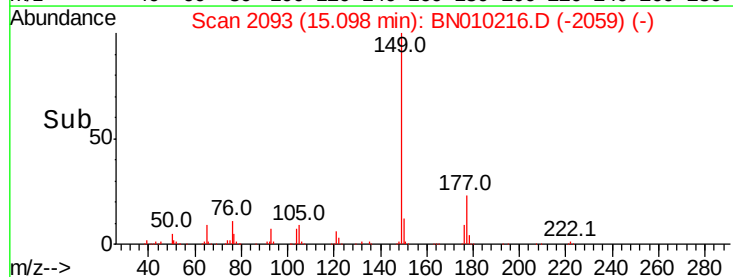
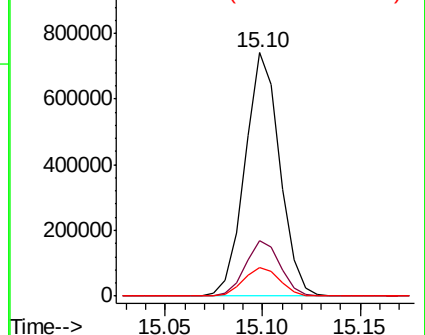


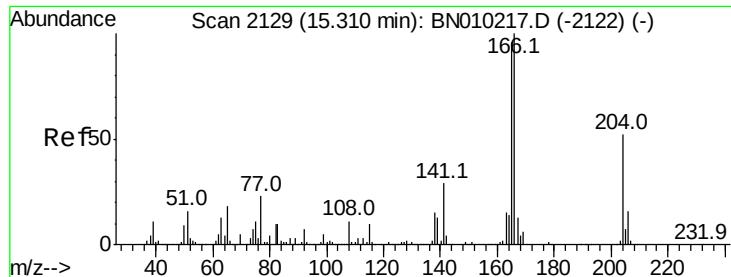
#57  
 Diethylphthalate  
 Concen: 9.569 ng/ul  
 RT: 15.10 min Scan# 2093  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:149 | Resp: | 914103      |
| Ion         | Ratio | Lower Upper |
| 149         | 100   |             |
| 177         | 22.7  | 18.3 27.5   |
| 150         | 11.6  | 10.1 15.1   |



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

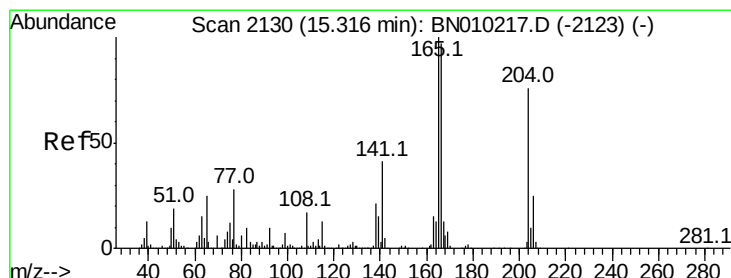
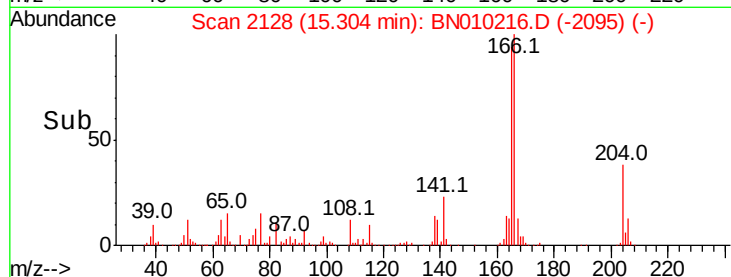
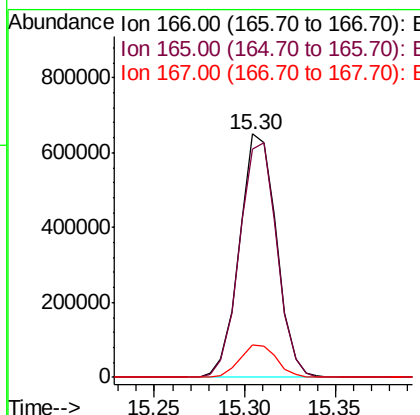
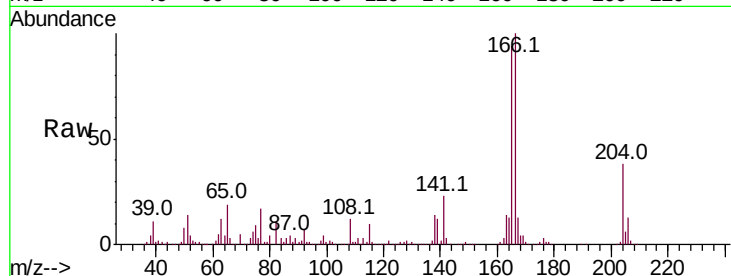




#59  
**Fluorene**  
 Concen: 10.038 ng/ul  
 RT: 15.30 min Scan# 2128  
 Delta R.T. -0.01 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

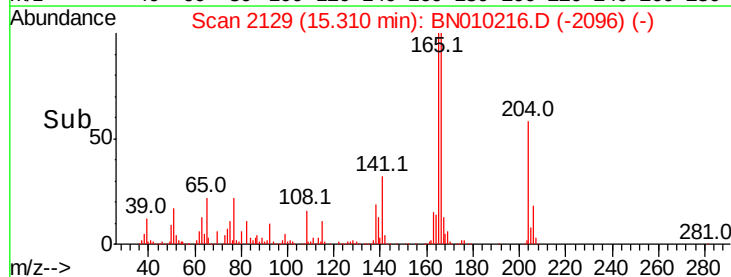
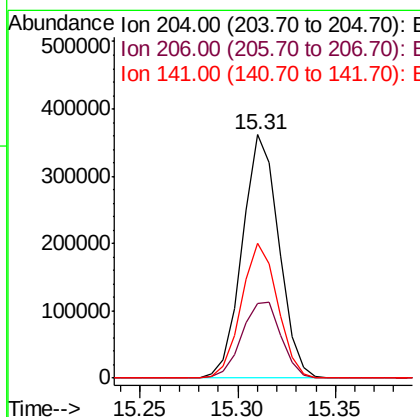
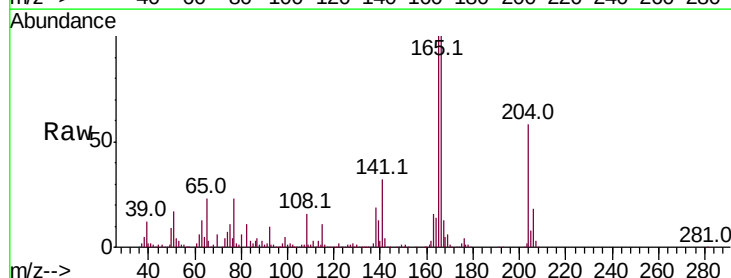
Instrument :  
 BNA\_N  
 ClientSampleId :

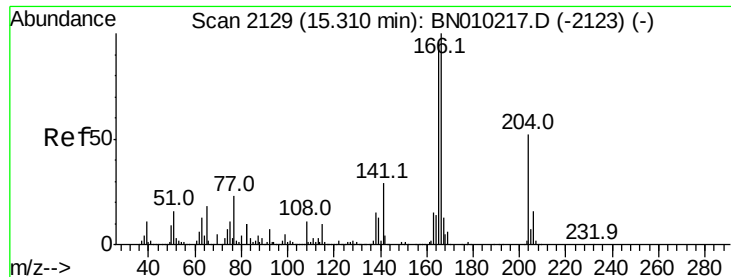
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 93.9  | 76.6  | 115.0 |
| 167     | 13.4  | 10.7  | 16.1  |



#60  
**4-Chlorophenyl-phenylether**  
 Concen: 10.376 ng/ul  
 RT: 15.31 min Scan# 2129  
 Delta R.T. -0.01 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 30.7  | 26.2  | 39.2  |
| 141     | 55.2  | 42.6  | 63.8  |

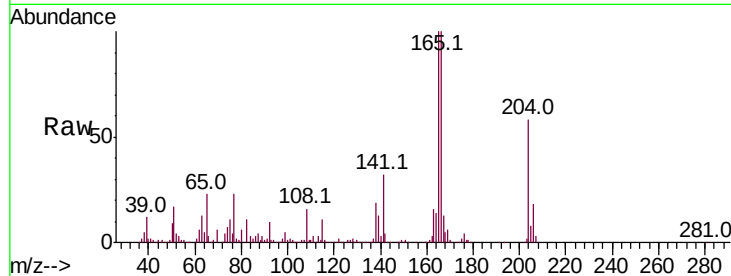




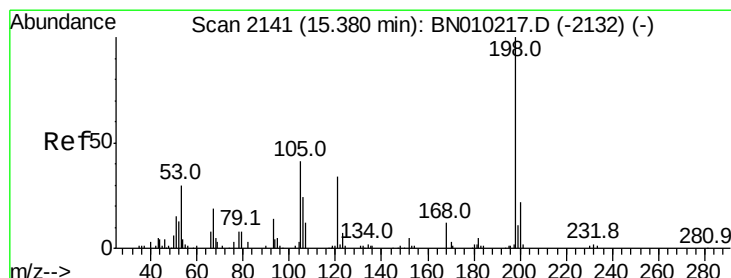
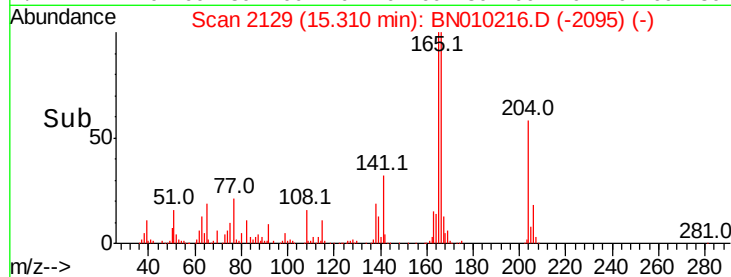
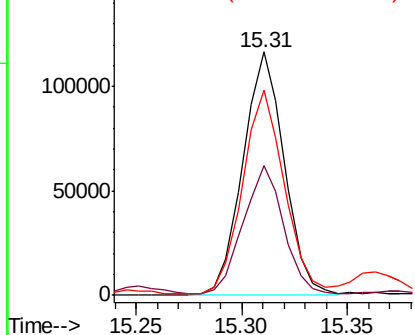
#61  
4-Nitroaniline  
Concen: 7.760 ng/ul  
RT: 15.31 min Scan# 2129  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:138 Resp: 159111  
Ion Ratio Lower Upper  
138 100  
92 53.1 39.0 58.6  
108 84.2 59.8 89.8

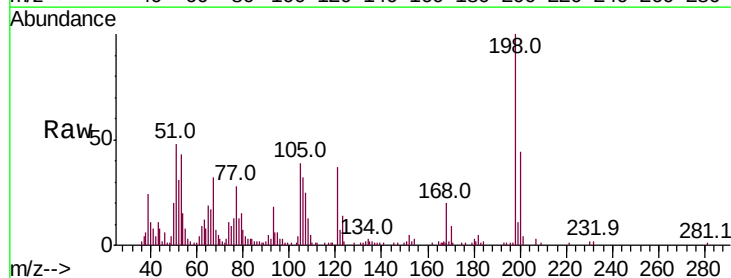


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BNO  
Ion 108.00 (107.70 to 108.70): E

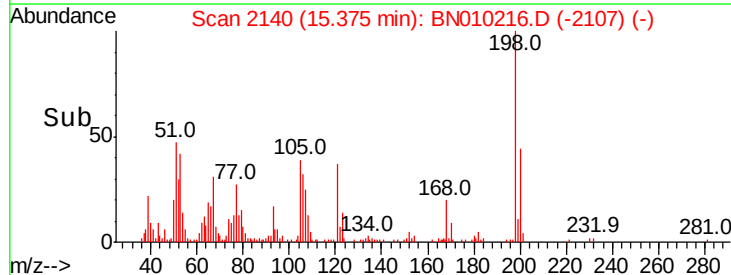
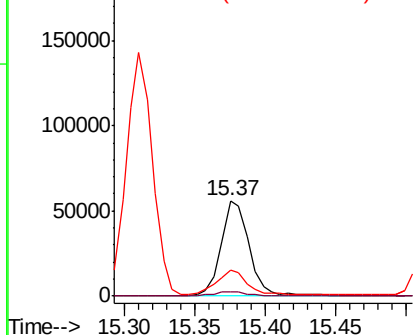


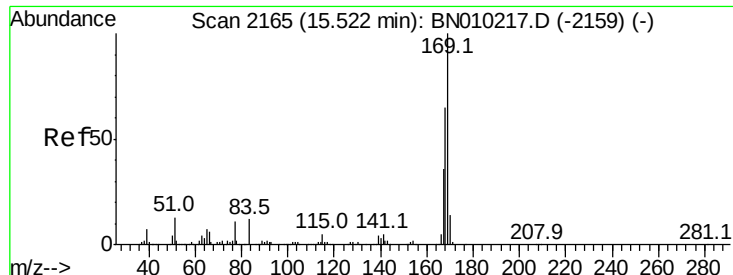
#64  
4,6-Dinitro-2-methylphenol  
Concen: 4.303 ng/ul  
RT: 15.37 min Scan# 2140  
Delta R.T. -0.01 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

Tgt Ion:198 Resp: 77832  
Ion Ratio Lower Upper  
198 100  
182 4.7 3.8 5.6  
77 27.9 18.7 28.1



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

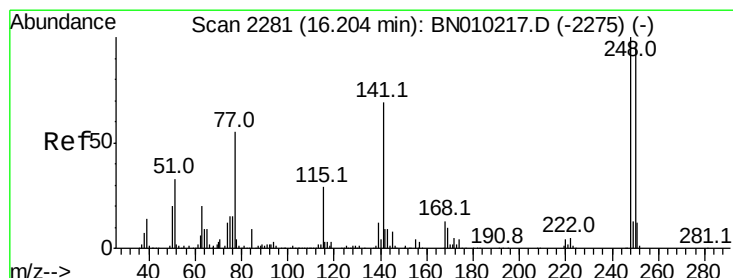
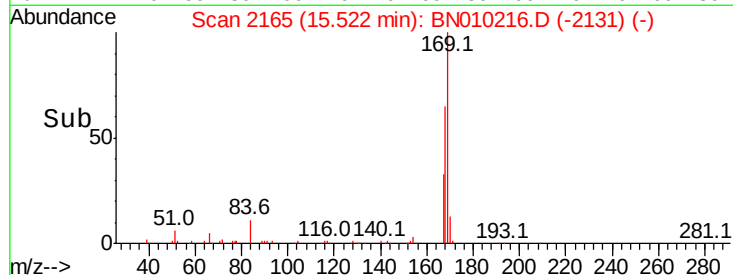
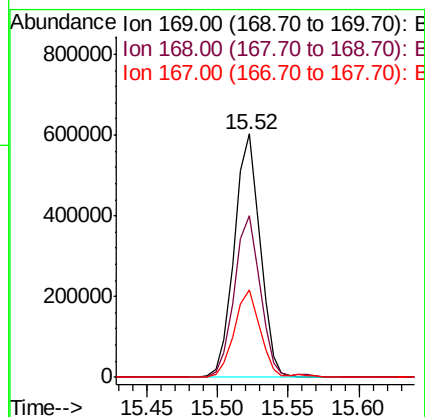
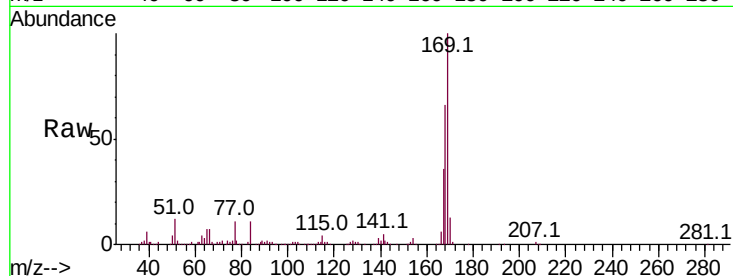




#65  
N-Nitrosodiphenylamine  
Concen: 9.594 ng/ul  
RT: 15.52 min Scan# 2165  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

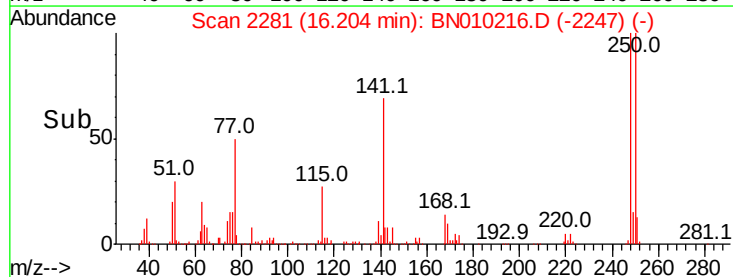
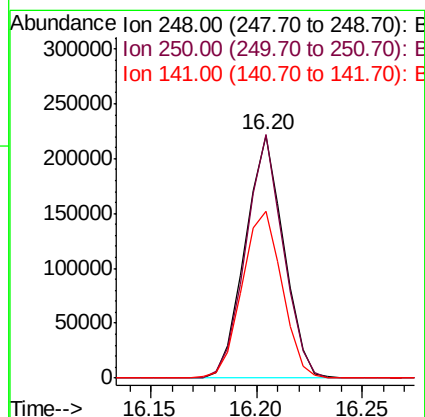
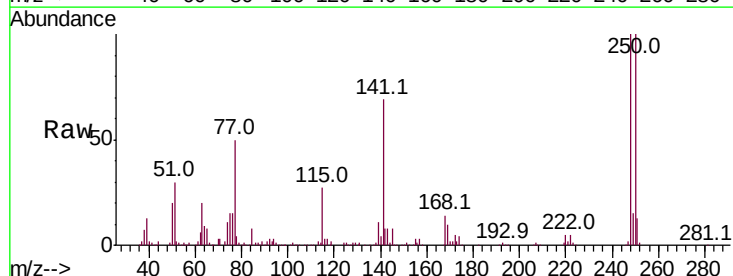
Instrument :  
BNA\_N  
ClientSampleId :

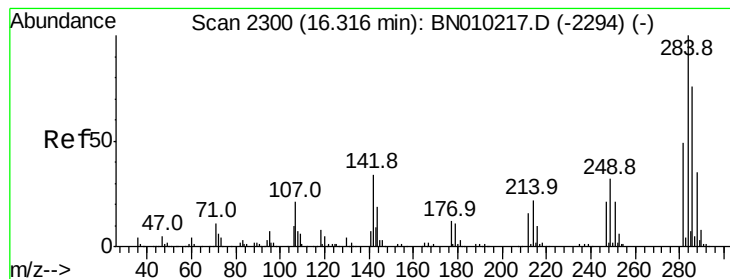
Tot Ion:169 Resp: 769441  
Ion Ratio Lower Upper  
169 100  
168 66.2 52.1 78.1  
167 35.9 28.6 42.8



#66  
4-Bromophenyl-phenylether  
Concen: 10.352 ng/ul  
RT: 16.20 min Scan# 2281  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

Tgt Ion:248 Resp: 279979  
Ion Ratio Lower Upper  
248 100  
250 100.3 76.2 114.4  
141 68.7 55.1 82.7





#67

Hexachlorobenzene

Concen: 10.322 ng/ul

RT: 16.31 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

ClientSampled :

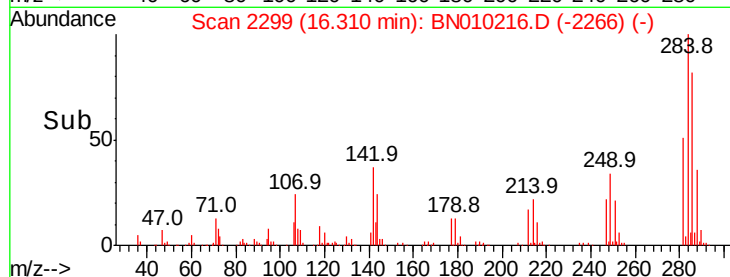
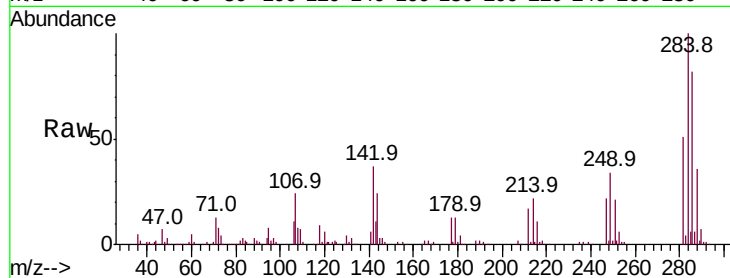
Tot Ion:284 Resp: 308925

Ion Ratio Lower Upper

284 100

142 37.0 27.0 40.4

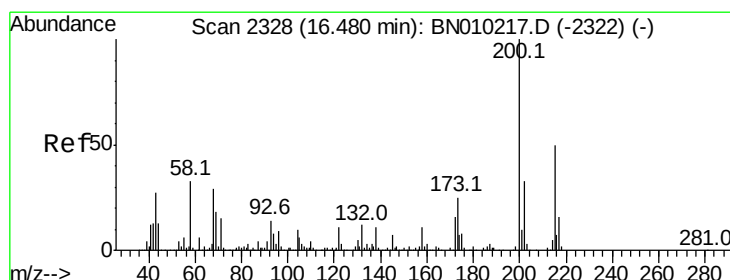
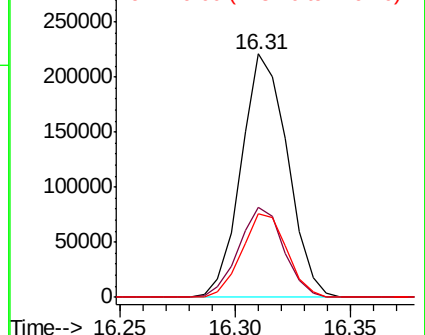
249 34.4 25.5 38.3



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: 9.936 ng/ul

RT: 16.48 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

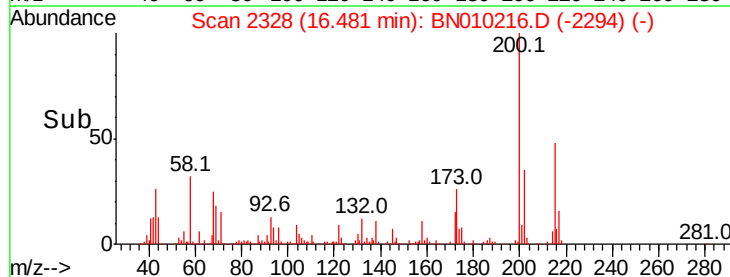
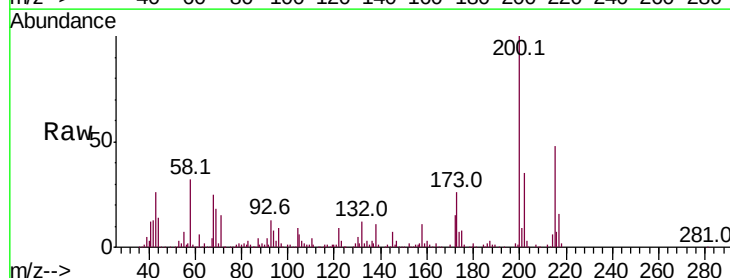
Tgt Ion:200 Resp: 302274

Ion Ratio Lower Upper

200 100

173 26.0 20.2 30.2

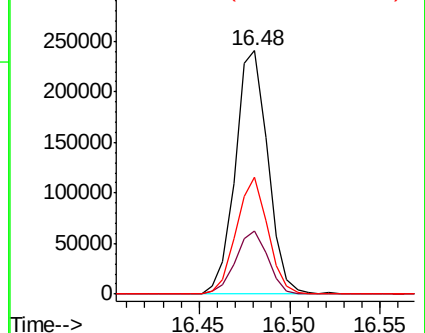
215 48.2 39.7 59.5

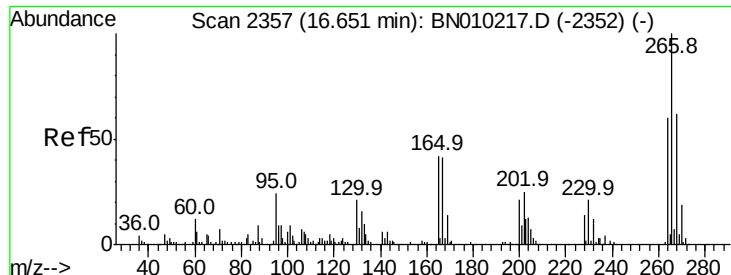


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

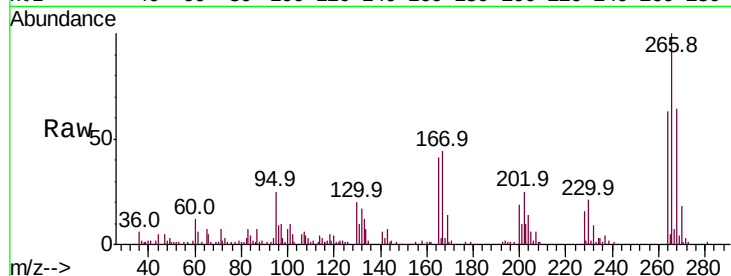




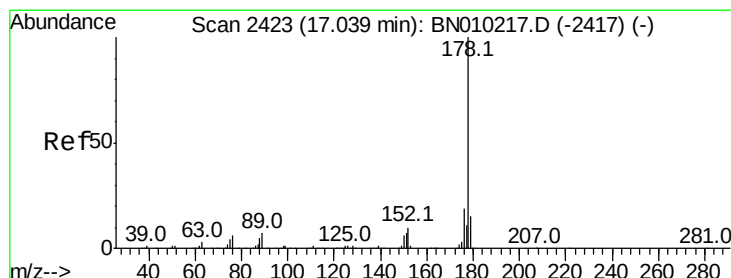
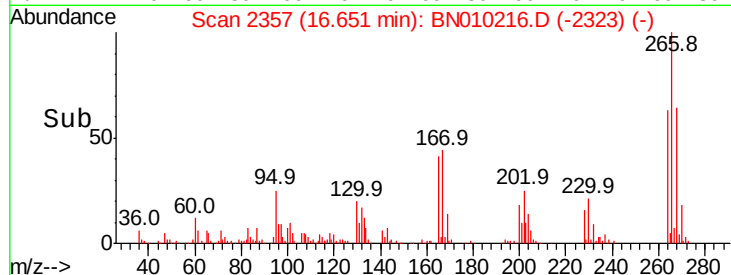
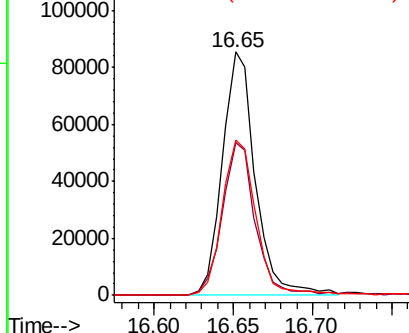
#69  
 Pentachlorophenol  
 Concen: 7.133 ng/ul  
 RT: 16.65 min Scan# 2357  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

Instrument :  
 BNA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.5  | 47.9  | 71.9  |
| 268     | 63.9  | 49.8  | 74.8  |

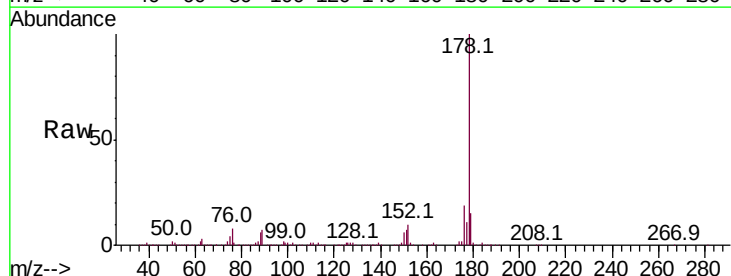


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

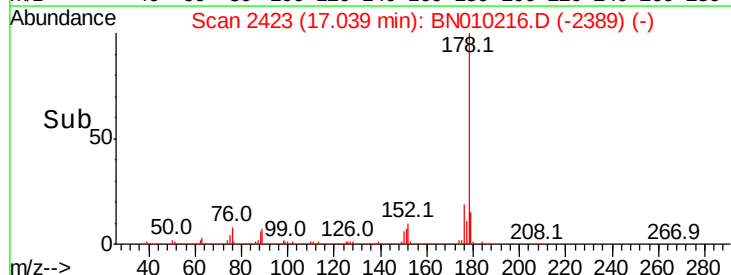
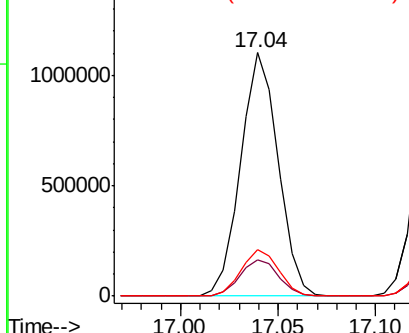


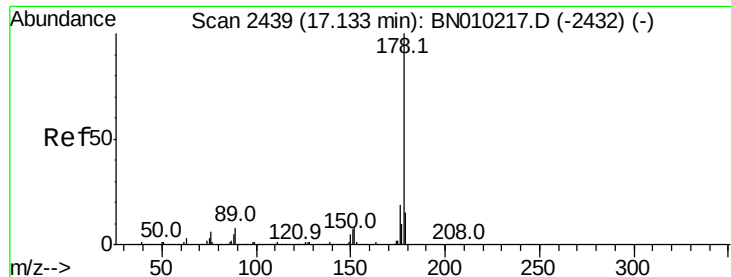
#70  
 Phenanthrene  
 Concen: 9.500 ng/ul  
 RT: 17.04 min Scan# 2423  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.0  | 12.1  | 18.1  |
| 176     | 18.9  | 15.0  | 22.6  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 9.590 ng/ul

RT: 17.13 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

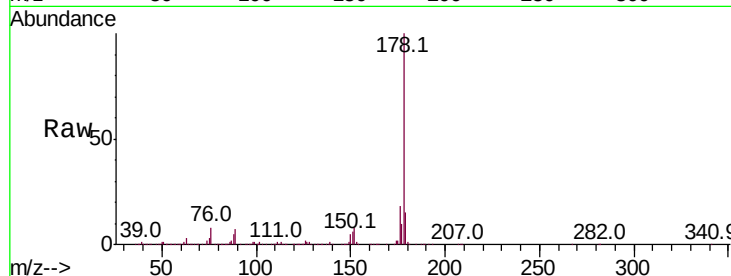
Instrument :

BNA\_N

ClientSampled :

Tot Ion:178 Resp: 1512317

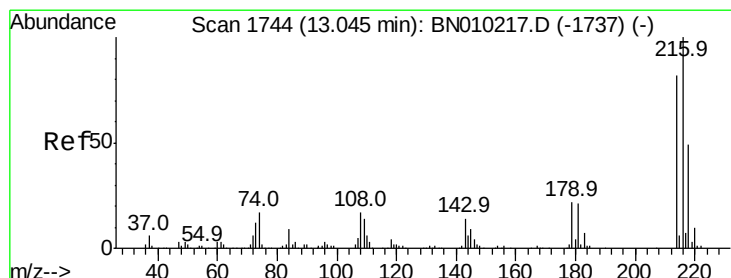
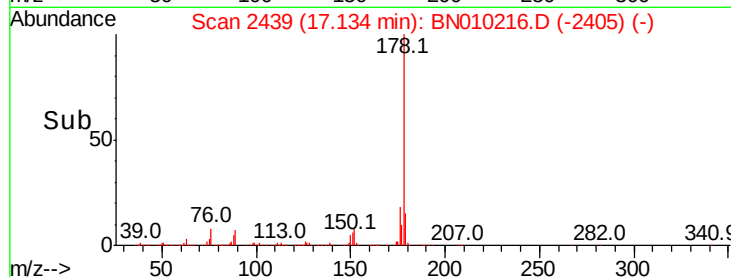
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 14.8  | 11.7  | 17.5  |
| 176 | 18.0  | 15.0  | 22.6  |



Abundance Ion 178.00 (177.70 to 178.70): E

1500000 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: 9.962 ng/uL

RT: 13.05 min Scan# 1744

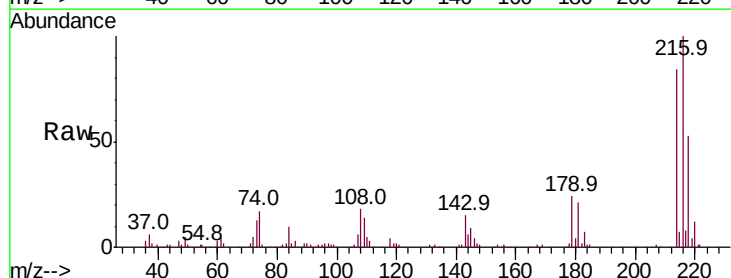
Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Tgt Ion:216 Resp: 393396

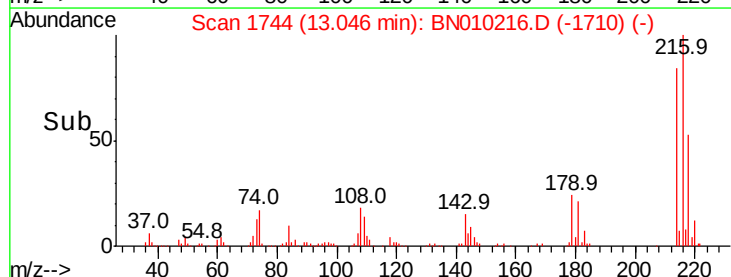
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 84.2  | 65.5  | 98.3  |
| 218 | 53.1  | 38.9  | 58.3  |

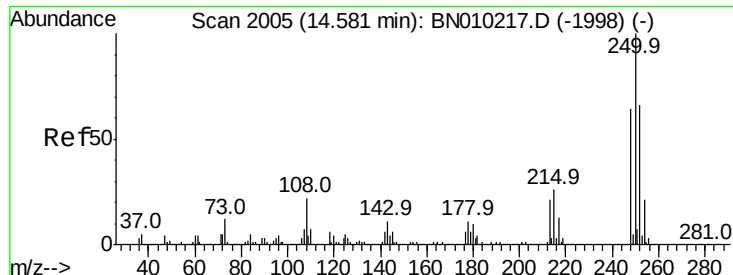


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

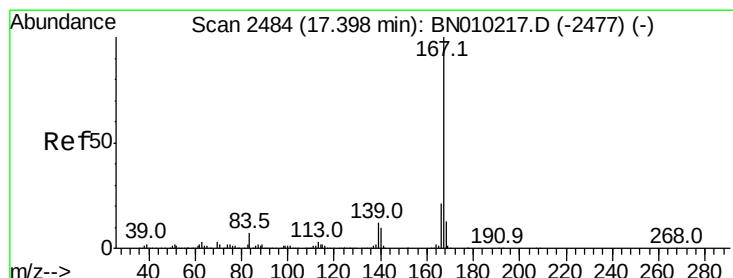
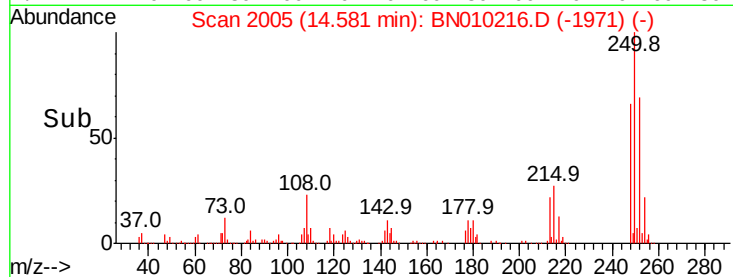
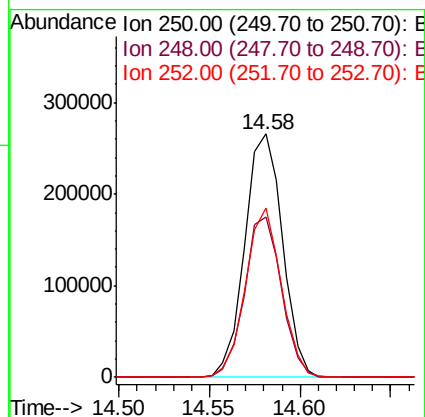
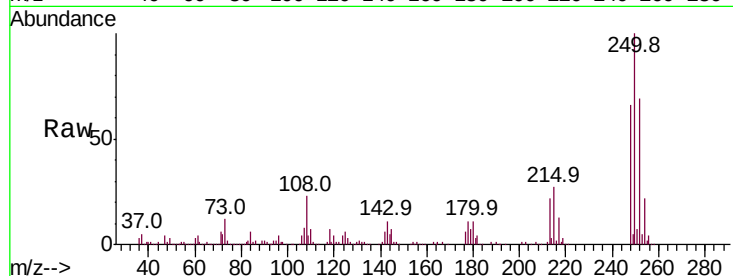




#74  
 Pentachlorobenzene  
 Concen: 10.092 ng/uL  
 RT: 14.58 min Scan# 2005  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

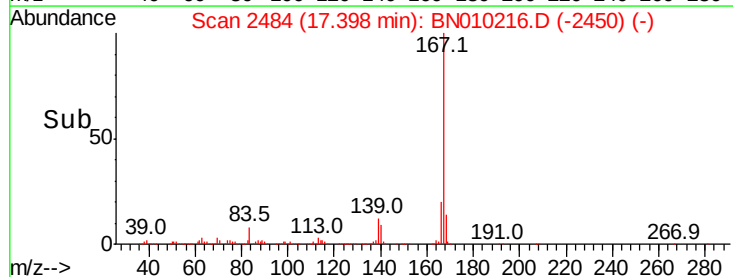
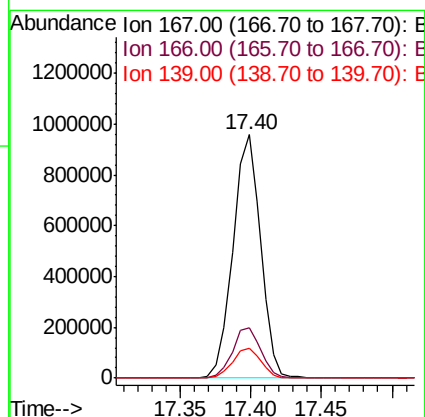
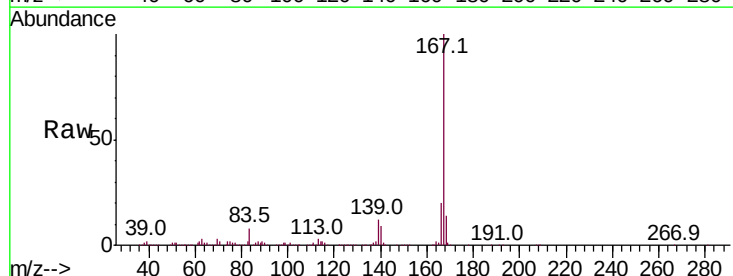
Instrument :  
 BNA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 66.0  | 51.3  | 76.9  |
| 252     | 69.5  | 52.5  | 78.7  |

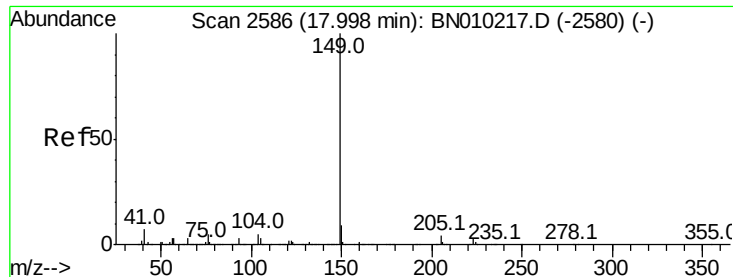


#75  
 Carbazole  
 Concen: 9.403 ng/uL  
 RT: 17.40 min Scan# 2484  
 Delta R.T. 0.00 min  
 Lab File: BN010216.D  
 Acq: 14 Mar 2020 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.5  | 16.9  | 25.3  |
| 139     | 12.2  | 9.8   | 14.6  |







#76

Di-n-butylphthalate

Concen: 8.901 ng/ul

RT: 18.00 min Scan# 2586

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

ClientSampleId :

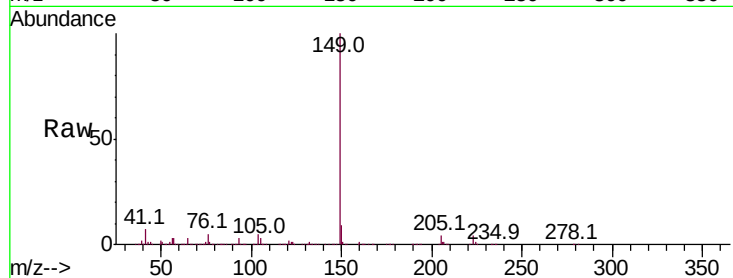
Tot Ion:149 Resp: 1525629

Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

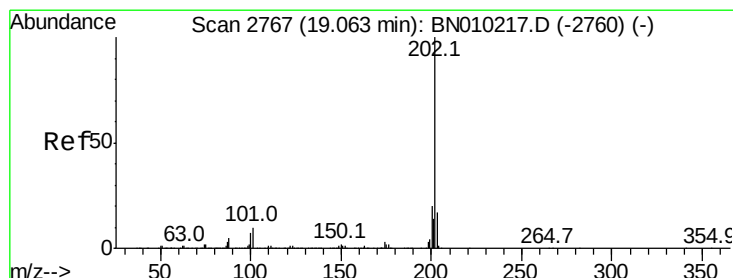
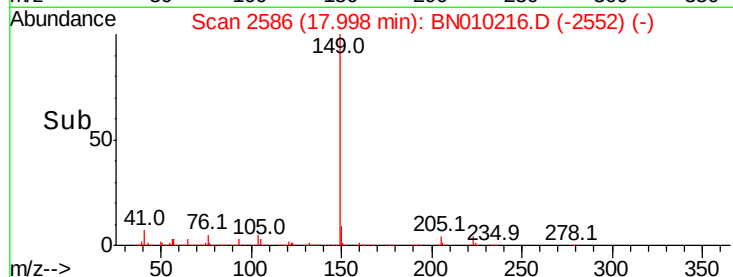
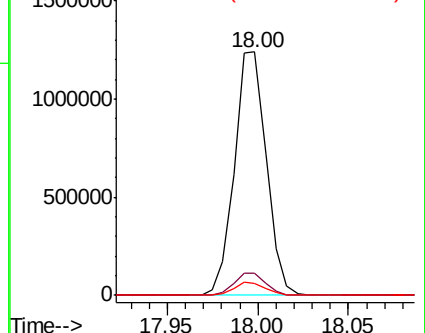
104 5.1 4.2 6.4



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: 9.889 ng/ul

RT: 19.06 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

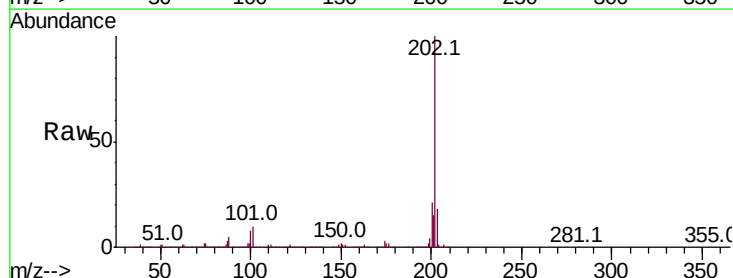
Tgt Ion:202 Resp: 1786948

Ion Ratio Lower Upper

202 100

101 9.9 7.8 11.6

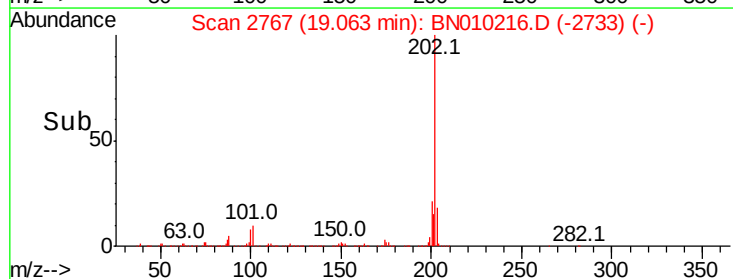
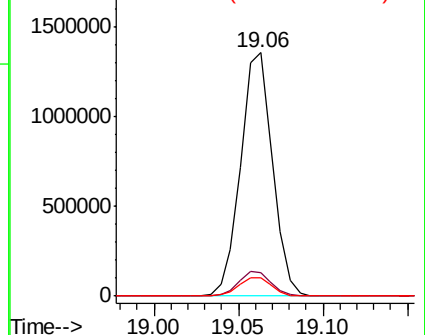
100 7.7 5.9 8.9

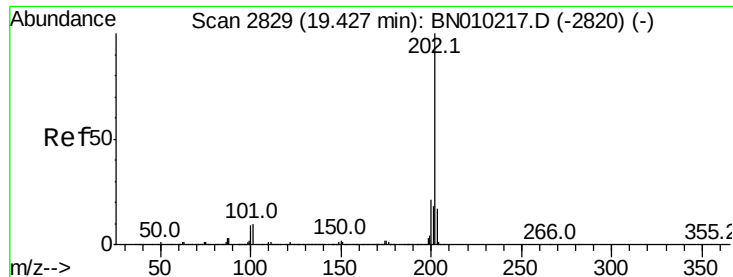


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

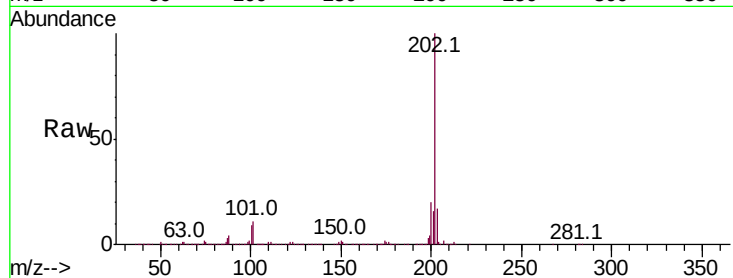




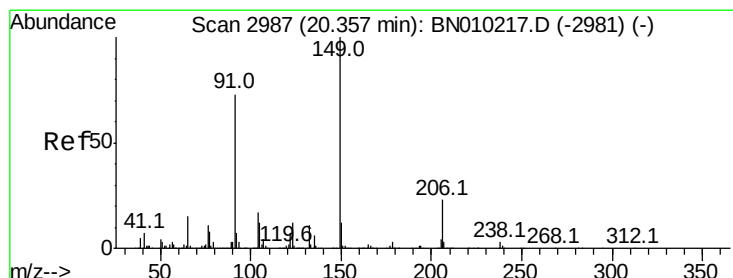
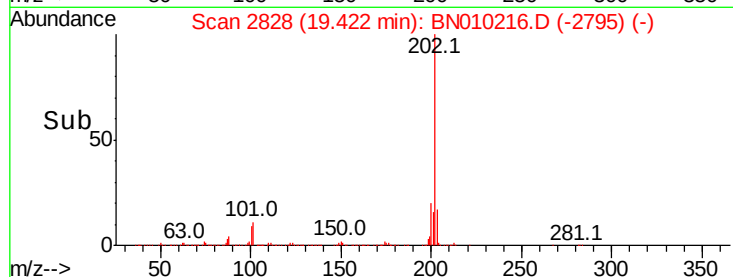
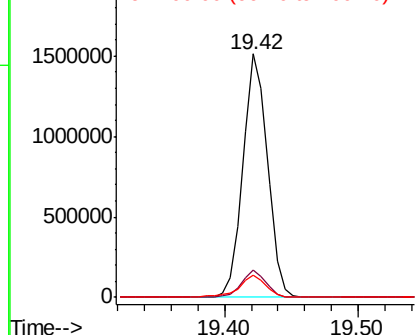
#80  
Pvrene  
Concen: 10.081 ng/ul  
RT: 19.42 min Scan# 2828  
Delta R.T. -0.01 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:202 Resp: 1923288  
Ion Ratio Lower Upper  
202 100  
101 11.0 8.4 12.6  
100 9.1 7.0 10.6

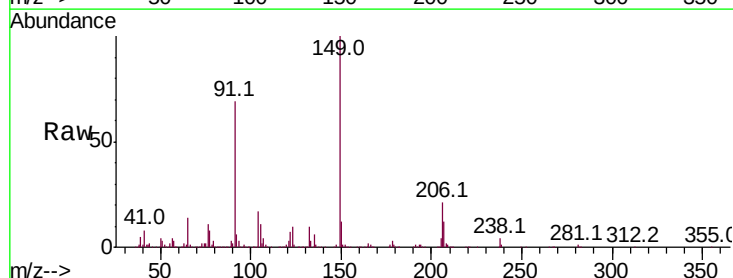


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B

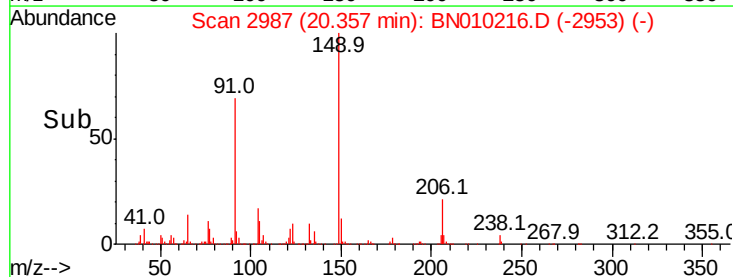
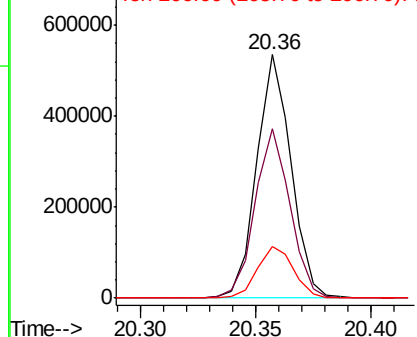


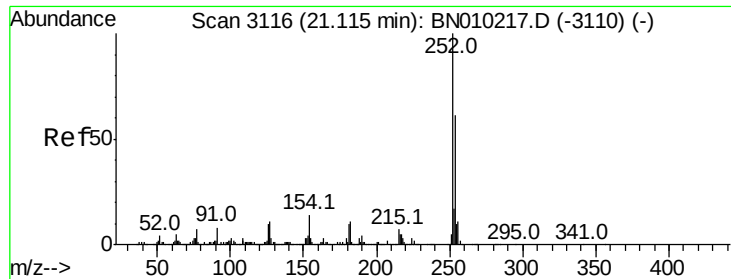
#81  
Butylbenzylphthalate  
Concen: 7.095 ng/ul  
RT: 20.36 min Scan# 2987  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

Tgt Ion:149 Resp: 556469  
Ion Ratio Lower Upper  
149 100  
91 69.3 58.3 87.5  
206 21.4 18.4 27.6



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: 9.638 ng/ul

RT: 21.12 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

ClientSampleId :

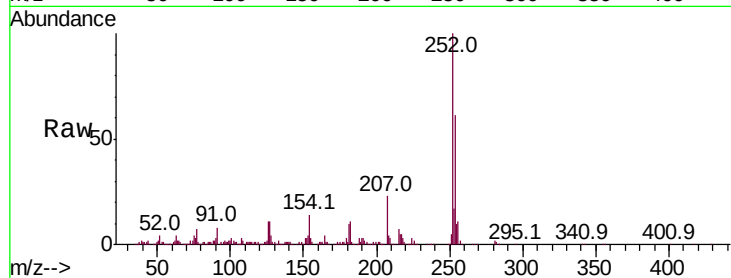
Tot Ion:252 Resp: 556086

Ion Ratio Lower Upper

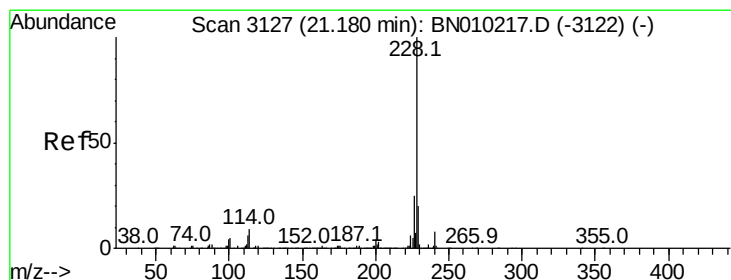
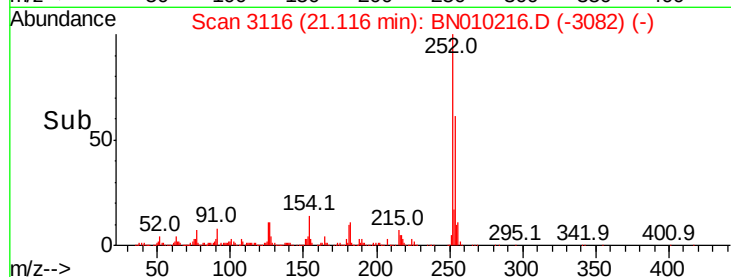
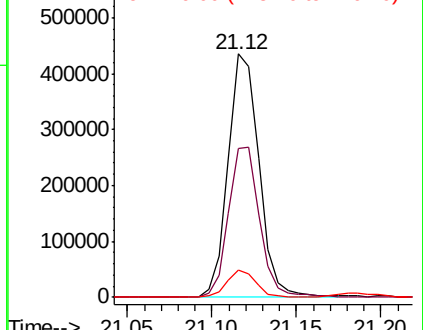
252 100

254 60.9 48.9 73.3

126 11.2 8.2 12.2



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: 9.934 ng/ul

RT: 21.18 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

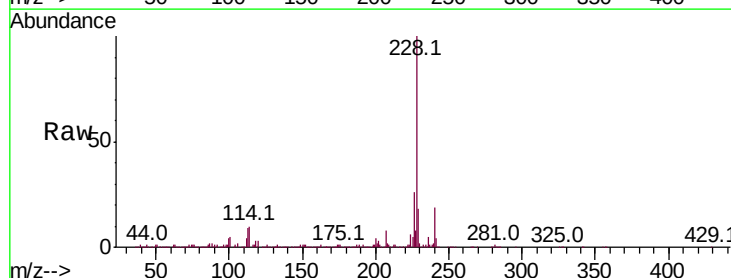
Tgt Ion:228 Resp: 1806538

Ion Ratio Lower Upper

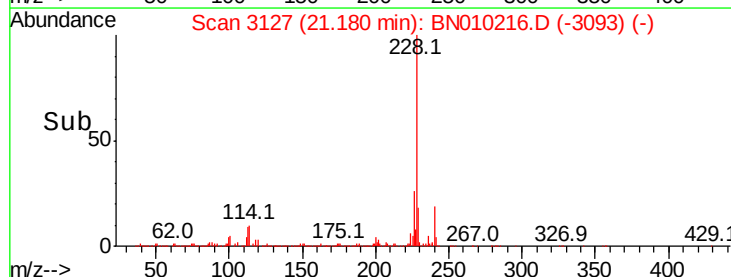
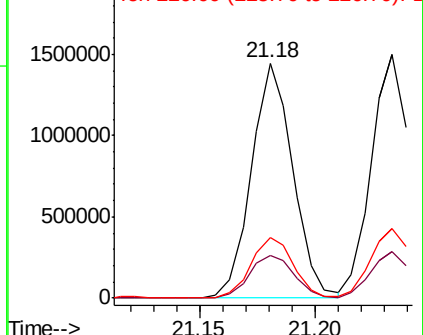
228 100

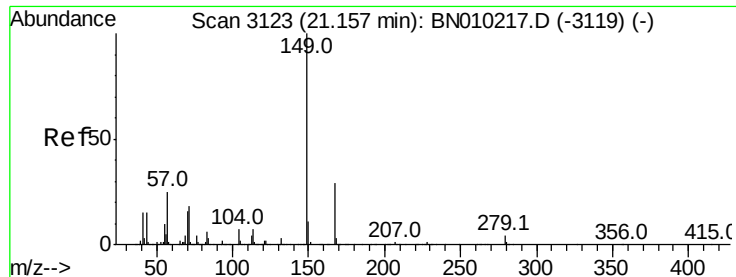
229 18.3 15.8 23.6

226 26.0 19.9 29.9



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: 7.958 ng/ul

RT: 21.16 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

ClientSampleId :

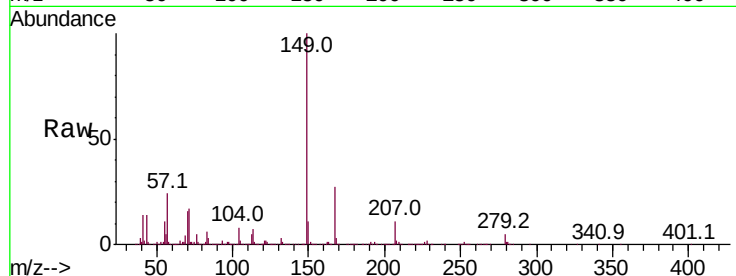
Tot Ion:149 Resp: 952884

Ion Ratio Lower Upper

149 100

167 26.8 22.7 34.1

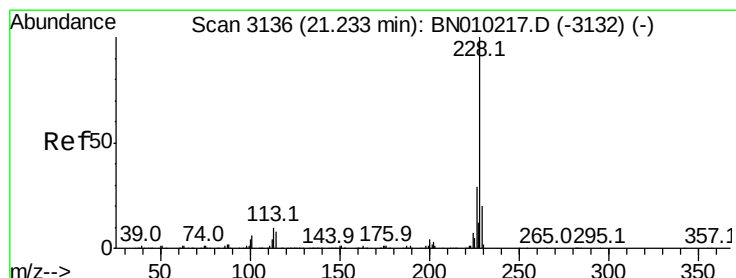
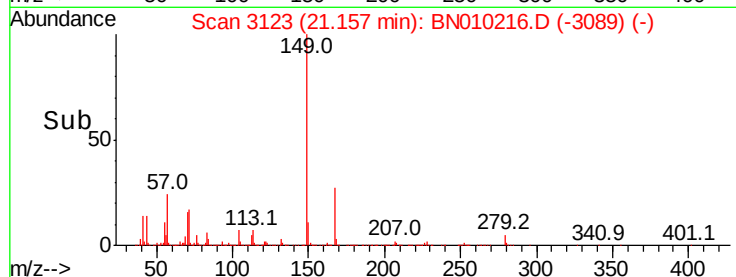
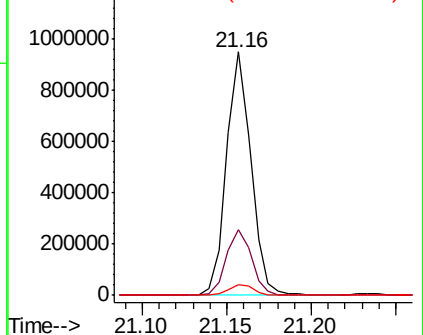
279 4.6 3.3 4.9



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: 9.822 ng/ul

RT: 21.23 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

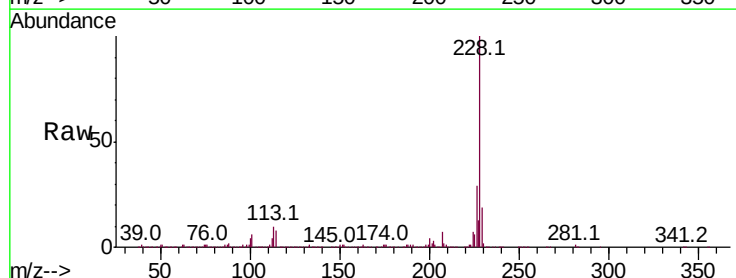
Tgt Ion:228 Resp: 1758316

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.2

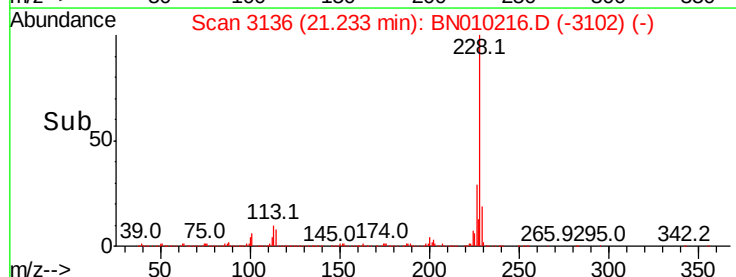
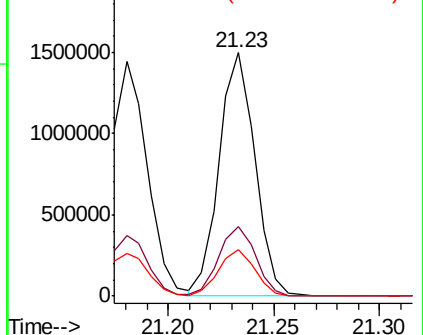
229 19.1 16.0 24.0

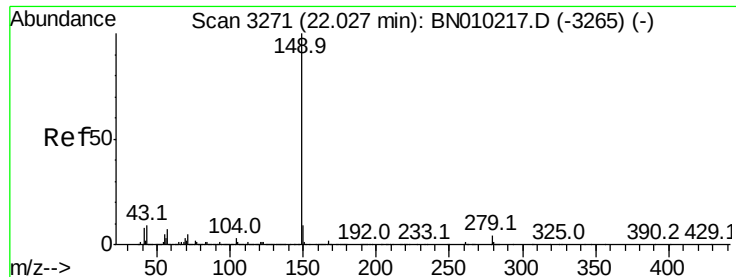


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 6.945 ng/ul

RT: 22.03 min Scan# 3271

Delta R.T. 0.00 min

Lab File: BN010216.D

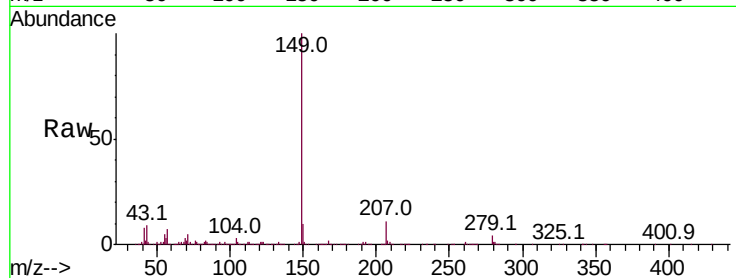
Acq: 14 Mar 2020 11:14

Instrument :

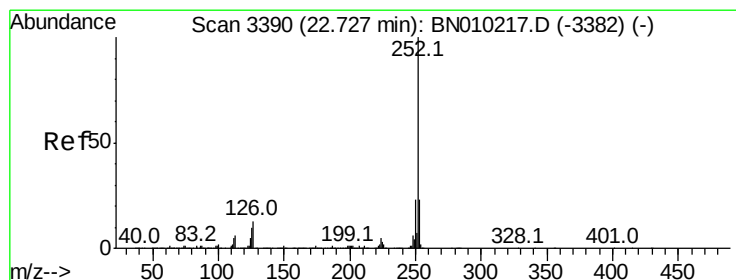
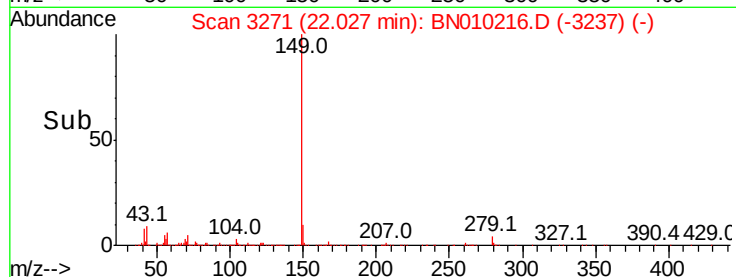
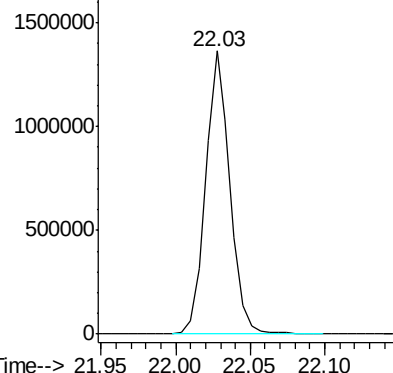
BNA\_N

ClientSampleId :

Tgt Ion:149 Resp: 1545463



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 9.631 ng/ul

RT: 22.73 min Scan# 3390

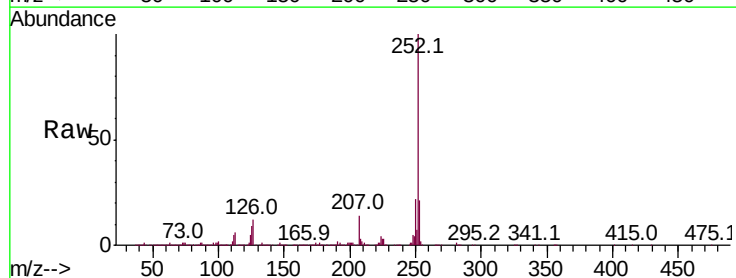
Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Tgt Ion:252 Resp: 1835915

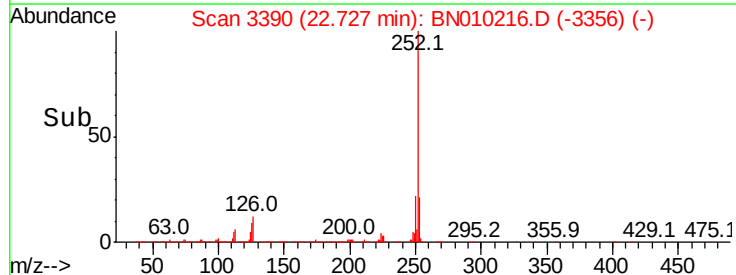
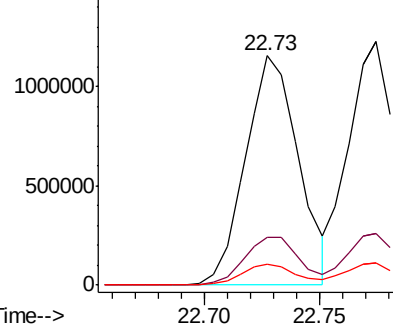
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 20.9  | 18.1  | 27.1  |
| 125 | 9.3   | 7.8   | 11.8  |

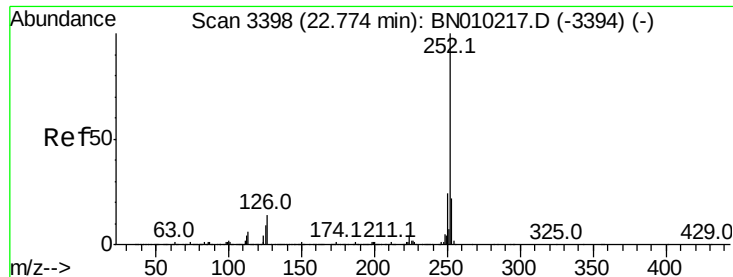


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 9.912 ng/ul

RT: 22.77 min Scan# 3398

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

ClientSampleId :

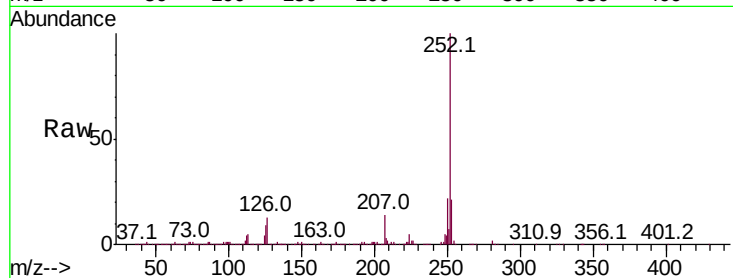
Tot Ion:252 Resp: 1789191

Ion Ratio Lower Upper

252 100

253 21.0 17.2 25.8

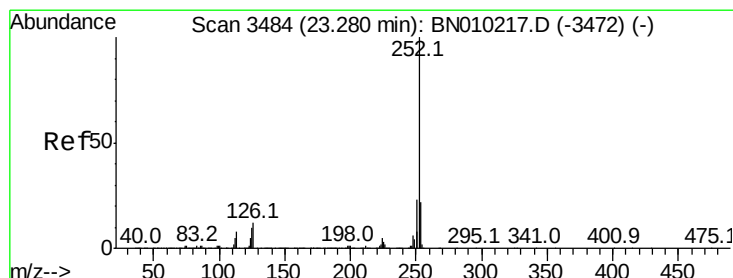
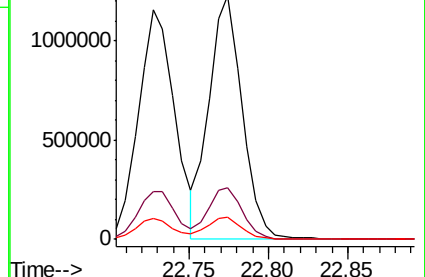
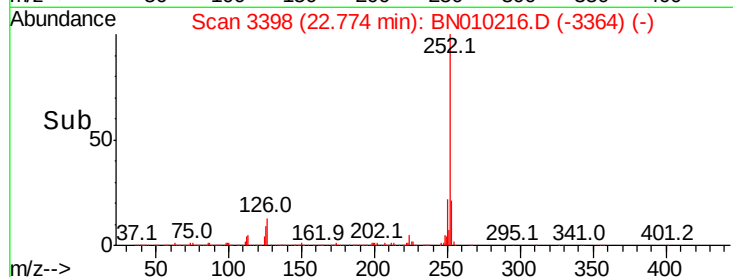
125 9.0 7.3 10.9



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: 9.735 ng/ul

RT: 23.28 min Scan# 3484

Delta R.T. 0.00 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

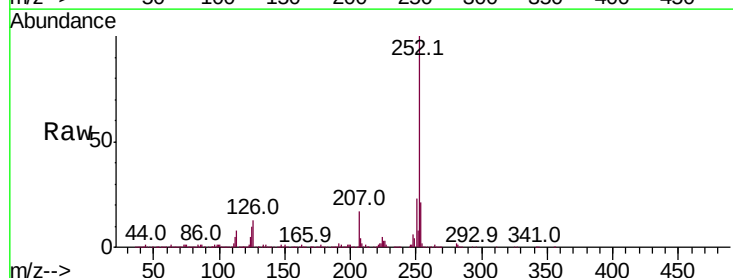
Tgt Ion:252 Resp: 1669048

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

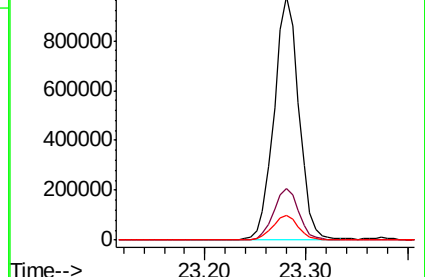
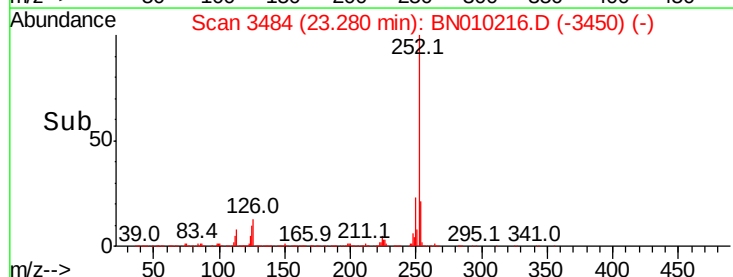
125 10.2 8.0 12.0

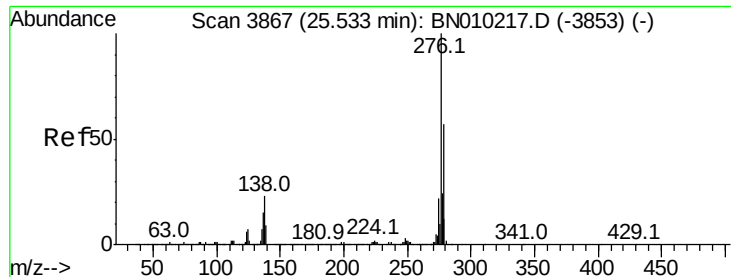


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



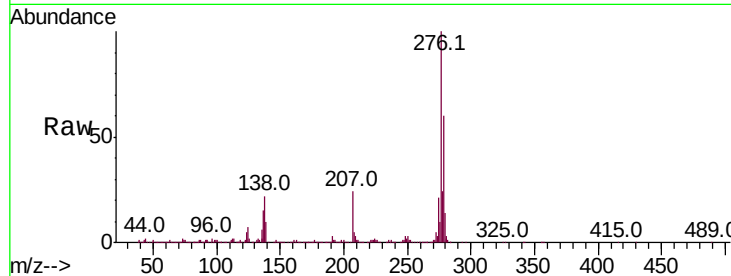


#92

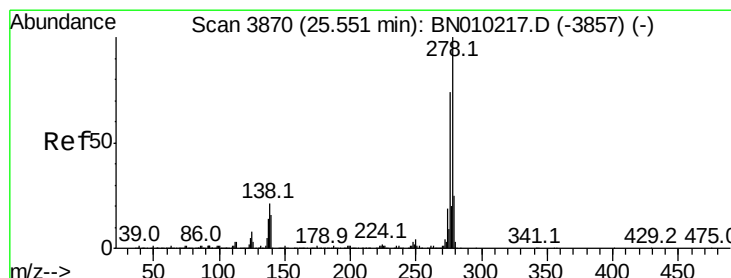
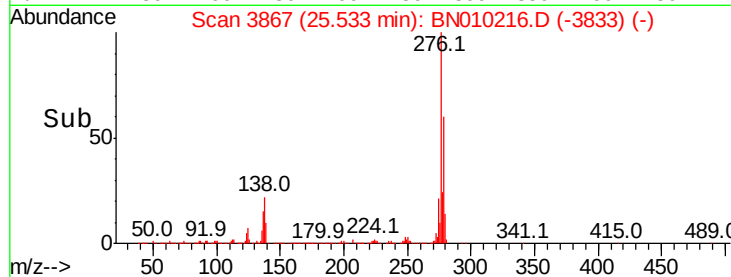
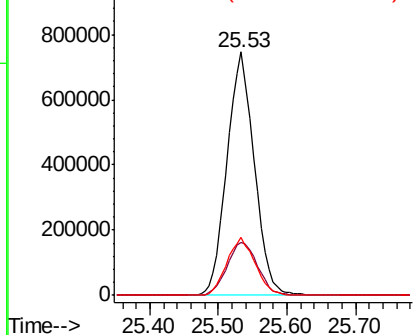
Indeno(1,2,3-cd)pyrene  
Concen: 10.142 ng/ul  
RT: 25.53 min Scan# 3867  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:276 Resp: 2064596  
Ion Ratio Lower Upper  
276 100  
138 21.8 18.2 27.2  
277 23.7 19.0 28.4



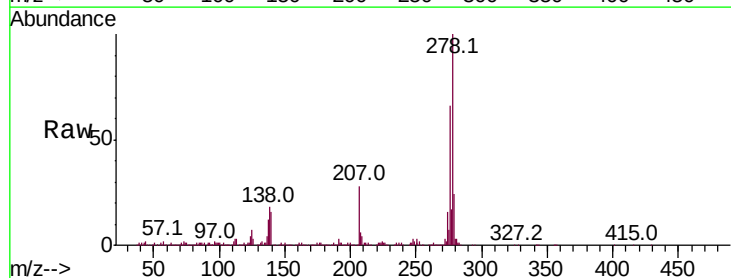
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



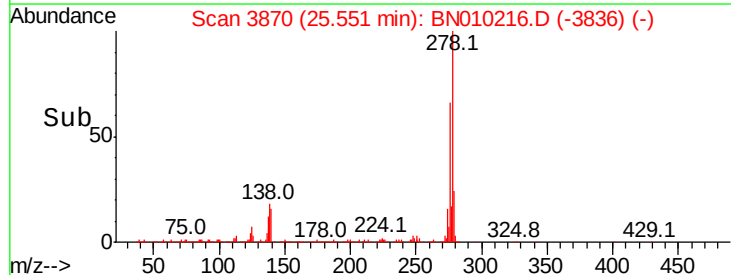
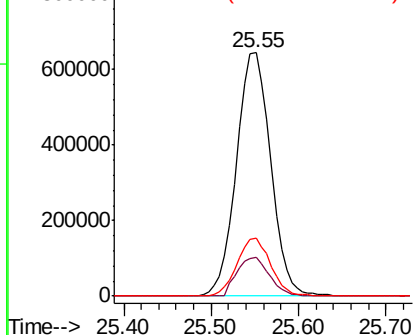
#93

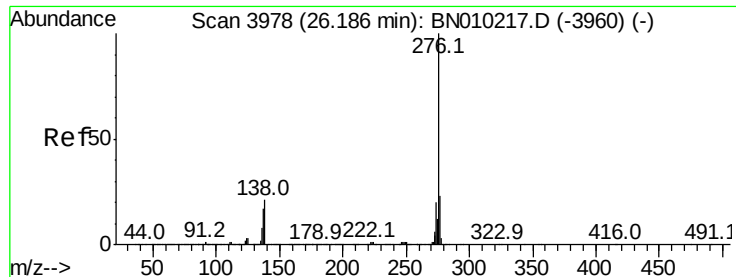
Dibenzo(a,h)anthracene  
Concen: 9.856 ng/ul  
RT: 25.55 min Scan# 3870  
Delta R.T. 0.00 min  
Lab File: BN010216.D  
Acq: 14 Mar 2020 11:14

Tgt Ion:278 Resp: 1716370  
Ion Ratio Lower Upper  
278 100  
139 15.7 13.0 19.6  
279 23.9 20.3 30.5



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: 9.824 ng/ul

RT: 26.18 min Scan# 3977

Delta R.T. -0.01 min

Lab File: BN010216.D

Acq: 14 Mar 2020 11:14

Instrument :

BNA\_N

ClientSampleId :

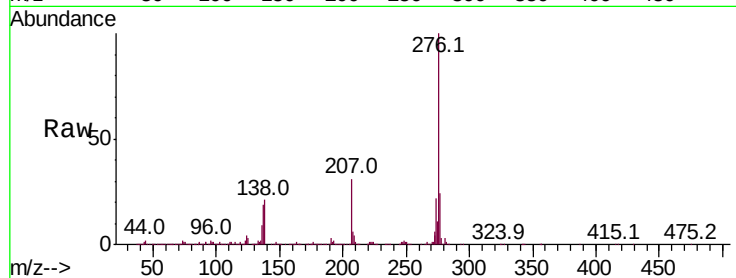
Tot Ion:276 Resp: 1676809

Ion Ratio Lower Upper

276 100

138 21.5 16.5 24.7

277 23.9 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E

800000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

