

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100220\  
 Data File : BN012038.D  
 Acq On : 02 Oct 2020 14:31  
 Operator : CG/JU  
 Sample : SSTD16051  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD16051

Quant Time: Oct 02 15:02:04 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN100220.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 02 13:24:58 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 285663   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.44 | 136  | 1096735  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.30 | 164  | 657637   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.05 | 188  | 1367459  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.25 | 240  | 1310128  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.46 | 264  | 1357135  | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |          |        |       |      |
|--------------------------------|-------|-----|----------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.19  | 96  | 400172   | 67.22  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 3759643  | 186.11 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.01  | 67  | 2240861  | 217.62 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 3008666  | 166.18 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 2938743  | 179.17 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 1430185  | 168.25 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.53  | 143 | 1611513  | 168.57 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165 | 2905791  | 160.87 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.58 | 131 | 3281109  | 151.90 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 13.72 | 166 | 7857529  | 153.45 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.00 | 160 | 10049462 | 163.08 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.52 | 143 | 1585230  | 182.73 | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.30 | 176 | 6898563  | 153.89 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 1475706  | 162.72 | ng/ul | 0.02 |
| 71) Anthracene-d10             | 17.16 | 188 | 9904686  | 151.63 | ng/ul | 0.01 |
| 79) Pyrene-d10                 | 19.45 | 212 | 10773810 | 160.08 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.33 | 264 | 11905232 | 157.96 | ng/ul | 0.02 |

## Target Compounds

|                                |       |     |         |         | Ovalue |     |
|--------------------------------|-------|-----|---------|---------|--------|-----|
| 2) 1,4-Dioxane                 | 3.23  | 88  | 473254  | 61.696  | ng/uL  | 95  |
| 4) Benzaldehyde                | 6.82  | 77  | 2253025 | 170.987 | ng/ul  | 98  |
| 6) Phenol                      | 6.88  | 94  | 3847295 | 186.806 | ng/ul  | 95  |
| 8) Bis(2-Chloroethyl)ether     | 7.10  | 93  | 3120321 | 191.144 | ng/ul  | 99  |
| 10) 2-Chlorophenol             | 7.23  | 128 | 3133475 | 167.720 | ng/ul  | 100 |
| 11) 2-Methylphenol             | 8.10  | 108 | 2888976 | 178.150 | ng/ul  | 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 3953019 | 445.510 | ng/ul  | 99  |
| 14) Acetophenone               | 8.49  | 105 | 4500130 | 169.681 | ng/ul  | 96  |
| 15) N-Nitroso-di-n-propylamine | 8.50  | 70  | 2337278 | 203.421 | ng/ul  | 95  |
| 16) 4-Methylphenol             | 8.45  | 108 | 3040335 | 177.059 | ng/ul  | 95  |
| 17) Hexachloroethane           | 8.73  | 117 | 1405508 | 162.705 | ng/ul  | 95  |
| 20) Nitrobenzene               | 8.86  | 77  | 3755944 | 180.799 | ng/ul  | 98  |
| 21) Isophorone                 | 9.40  | 82  | 6419690 | 175.604 | ng/ul  | 98  |
| 23) 2-Nitrophenol              | 9.56  | 139 | 1750051 | 164.154 | ng/ul  | 98  |
| 24) 2,4-Dimethylphenol         | 9.63  | 107 | 3429161 | 170.150 | ng/ul  | 97  |
| 25) Bis(2-Chloroethoxy)methane | 9.87  | 93  | 3970505 | 183.107 | ng/ul  | 99  |
| 27) 2,4-Dichlorophenol         | 10.09 | 162 | 2850124 | 155.347 | ng/ul  | 98  |
| 28) Naphthalene                | 10.49 | 128 | 9634557 | 157.413 | ng/ul  | 98  |
| 30) 4-Chloroaniline            | 10.60 | 127 | 3299656 | 152.678 | ng/ul  | 98  |
| 31) Hexachlorobutadiene        | 10.78 | 225 | 1897346 | 126.980 | ng/ul  | 99  |
| 32) Caprolactam                | 11.41 | 113 | 487157  | 103.944 | ng/ul  | 98  |
| 33) 4-Chloro-3-methylphenol    | 11.74 | 107 | 3219422 | 184.802 | ng/ul  | 98  |
| 34) 2-Methylnaphthalene        | 12.11 | 142 | 6661224 | 158.774 | ng/ul  | 96  |

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 02 13:24:58 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.33 | 142  | 6432411  | 156.407 | ng/uL  | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216  | 3173379  | 137.860 | ng/uL  | 96       |
| 38) Hexachlorocyclopentadiene  | 12.46 | 237  | 2524739  | 160.071 | ng/uL  | 95       |
| 39) 2,4,6-Trichlorophenol      | 12.73 | 196  | 2183560  | 162.084 | ng/uL  | 93       |
| 40) 2,4,5-Trichlorophenol      | 12.80 | 196  | 2345787  | 160.357 | ng/uL  | 98       |
| 41) 1,1'-Biphenyl              | 13.13 | 154  | 8482664  | 160.717 | ng/uL  | 99       |
| 42) 2-Chloronaphthalene        | 13.18 | 162  | 6668787  | 156.152 | ng/uL  | 100      |
| 43) 2-Nitroaniline             | 13.39 | 65   | 2153712  | 256.467 | ng/uL  | 94       |
| 45) Dimethylphthalate          | 13.78 | 163  | 7971473  | 151.660 | ng/uL  | 98       |
| 46) 2,6-Dinitrotoluene         | 13.89 | 165  | 1784113  | 173.359 | ng/uL  | 91       |
| 48) Acenaphthylene             | 14.03 | 152  | 10041578 | 157.319 | ng/uL  | 98       |
| 49) 3-Nitroaniline             | 14.22 | 138  | 1531200  | 162.634 | ng/uL  | 87       |
| 50) Acenaphthene               | 14.37 | 153  | 7135590  | 159.702 | ng/uL  | 96       |
| 51) 2,4-Dinitrophenol          | 14.42 | 184  | 1170873  | 190.480 | ng/uL  | 86       |
| 53) 4-Nitrophenol              | 14.54 | 109  | 1362223  | 164.733 | ng/uL  | 97       |
| 54) Dibenzofuran               | 14.71 | 168  | 9347928  | 144.261 | ng/uL  | 99       |
| 55) 2,4-Dinitrotoluene         | 14.68 | 165  | 2543011  | 171.807 | ng/uL  | 97       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.93 | 232  | 2033204  | 166.472 | ng/uL  | 96       |
| 57) Diethylphthalate           | 15.15 | 149  | 8306431  | 158.860 | ng/uL  | 100      |
| 59) Fluorene                   | 15.36 | 166  | 7825742  | 149.841 | ng/uL  | 95       |
| 60) 4-Chlorophenyl-phenylether | 15.36 | 204  | 3918204  | 143.784 | ng/uL  | 99       |
| 61) 4-Nitroaniline             | 15.39 | 138  | 1606662  | 166.613 | ng/uL  | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 15.45 | 198  | 1570295  | 159.775 | ng/uL# | 99       |
| 65) N-Nitrosodiphenylamine     | 15.57 | 169  | 6696966  | 163.722 | ng/uL  | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.25 | 248  | 2475205  | 159.123 | ng/uL  | 95       |
| 67) Hexachlorobenzene          | 16.36 | 284  | 2751097  | 158.897 | ng/uL  | 96       |
| 68) Atrazine                   | 16.53 | 200  | 2540949  | 159.512 | ng/uL  | 97       |
| 69) Pentachlorophenol          | 16.70 | 266  | 1754771  | 176.815 | ng/uL  | 95       |
| 70) Phenanthrene               | 17.10 | 178  | 12177753 | 150.142 | ng/uL  | 97       |
| 72) Anthracene                 | 17.19 | 178  | 12251633 | 149.138 | ng/uL  | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.09 | 216  | 3068231  | 141.294 | ng/uL  | 95       |
| 74) Pentachlorobenzene         | 14.63 | 250  | 3128666  | 150.352 | ng/uL  | 96       |
| 75) Carbazole                  | 17.46 | 167  | 11157980 | 161.509 | ng/uL  | 99       |
| 76) Di-n-butylphthalate        | 18.02 | 149  | 12495286 | 159.091 | ng/uL# | 94       |
| 77) Fluoranthene               | 19.12 | 202  | 13222926 | 133.230 | ng/uL# | 87       |
| 80) Pvrene                     | 19.48 | 202  | 12662982 | 137.351 | ng/uL# | 89       |
| 81) Butylbenzylphthalate       | 20.39 | 149  | 6935070  | 222.975 | ng/uL  | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.17 | 252  | 4811034  | 184.143 | ng/uL  | 94       |
| 83) Benzo(a)anthracene         | 21.23 | 228  | 12617108 | 144.756 | ng/uL  | 95       |
| 84) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 9717290  | 207.182 | ng/uL# | 90       |
| 85) Chrysene                   | 21.23 | 228  | 12617108 | 145.732 | ng/uL  | 97       |
| 87) Di-n-octyl phthalate       | 22.05 | 149  | 13636889 | 153.676 | ng/uL  | 100      |
| 88) Benzo(b)fluoranthene       | 22.81 | 252  | 14353396 | 151.281 | ng/uL  | 100      |
| 89) Benzo(k)fluoranthene       | 22.85 | 252  | 13998369 | 148.554 | ng/uL  | 99       |
| 91) Benzo(a)pyrene             | 23.38 | 252  | 13084175 | 149.672 | ng/uL  | 94       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.70 | 276  | 17000873 | 151.733 | ng/uL  | 94       |
| 93) Dibenzo(a,h)anthracene     | 25.72 | 278  | 14360178 | 153.084 | ng/uL  | 95       |
| 94) Benzo(a,h,i)perylene       | 26.39 | 276  | 14421125 | 155.254 | ng/uL  | 99       |

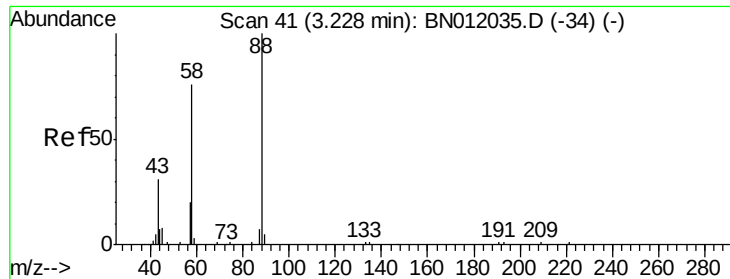
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN100220\  
Data File : BN012038.D  
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| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 61.696 ng/uL

RT: 3.23 min Scan# 41

Delta R.T. 0.00 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Instrument :

BNA\_N

ClientSampleId :

SSTD16051

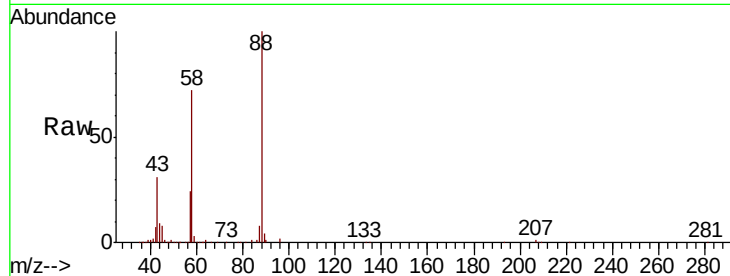
Tot Ion: 88 Resp: 473254

Ion Ratio Lower Upper

88 100

43 31.0 26.5 39.7

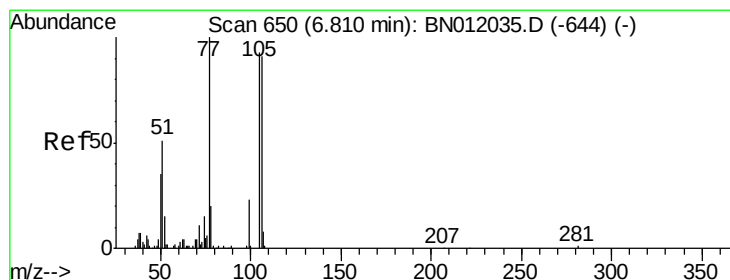
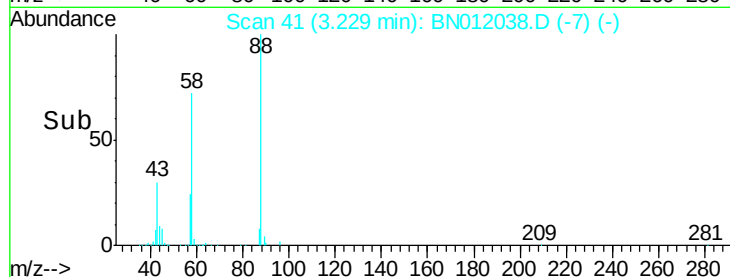
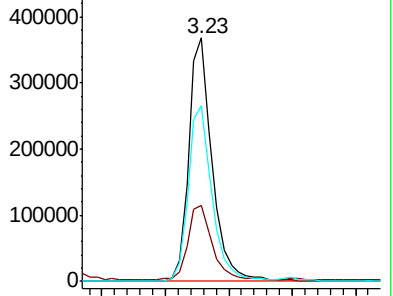
58 72.0 61.0 91.4



Abundance Ion 88.00 (87.70 to 88.70): BN012038.D (-34) (-)

Ion 43.00 (42.70 to 43.70): BN012038.D (-34) (-)

Ion 58.00 (57.70 to 58.70): BN012038.D (-34) (-)



#4

Benzaldehyde

Concen: 170.987 ng/uL

RT: 6.82 min Scan# 651

Delta R.T. 0.01 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

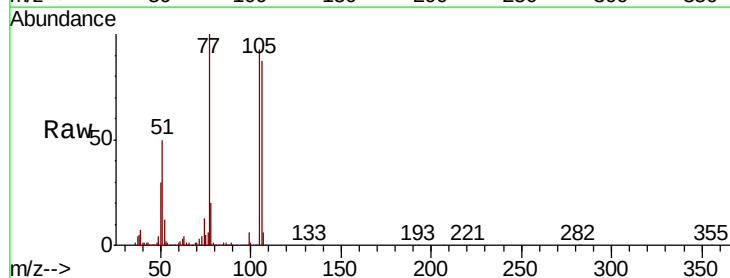
Tgt Ion: 77 Resp: 2253025

Ion Ratio Lower Upper

77 100

105 93.5 74.6 112.0

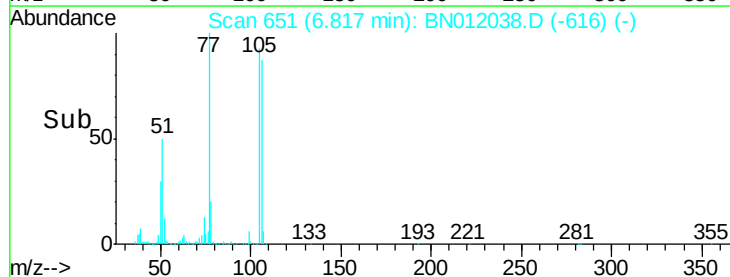
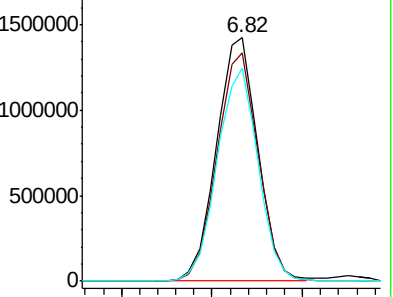
106 87.5 73.2 109.8

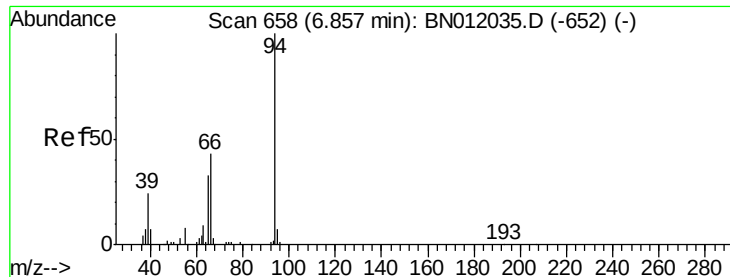


Abundance Ion 77.00 (76.70 to 77.70): BN012038.D (-644) (-)

Ion 105.00 (104.70 to 105.70): BN012038.D (-644) (-)

Ion 106.00 (105.70 to 106.70): BN012038.D (-644) (-)





#6

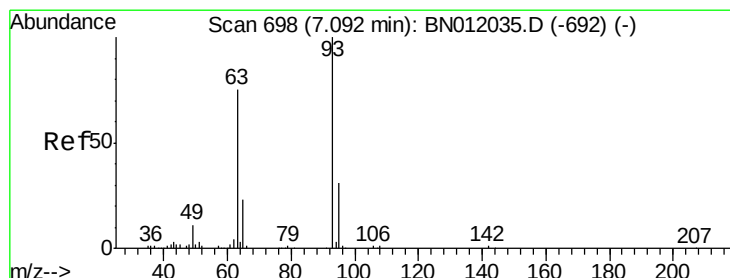
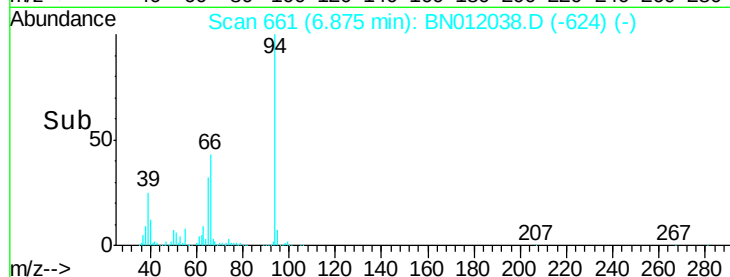
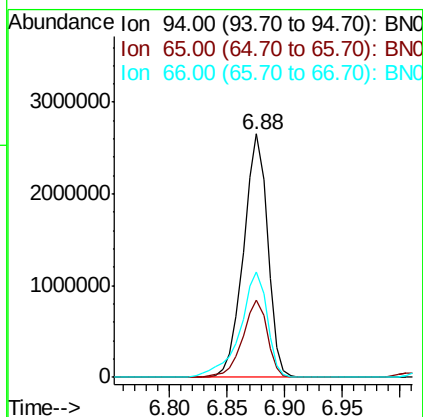
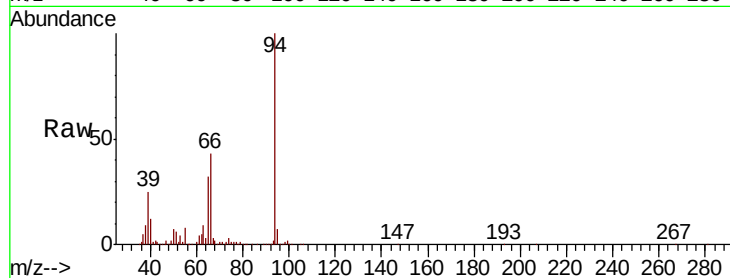
Phenol

Concen: 186.806 ng/ul  
 RT: 6.88 min Scan# 661  
 Delta R.T. 0.02 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD16051

Tot Ion: 94 Resp: 3847295

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 31.6  | 26.8  | 40.2  |
| 66  | 43.2  | 37.9  | 56.9  |



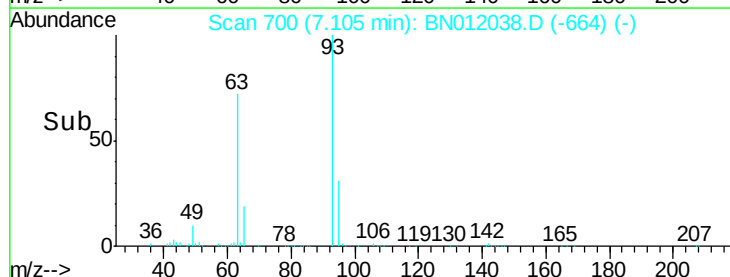
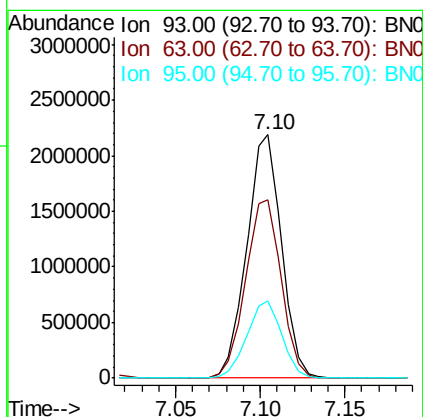
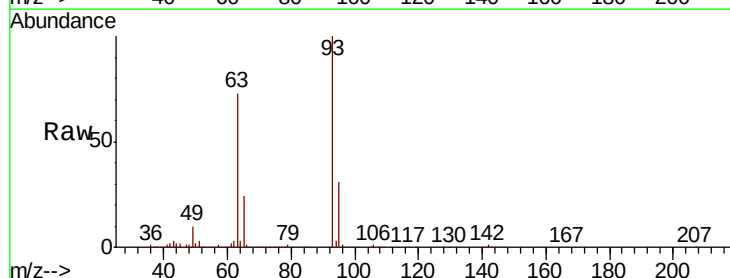
#8

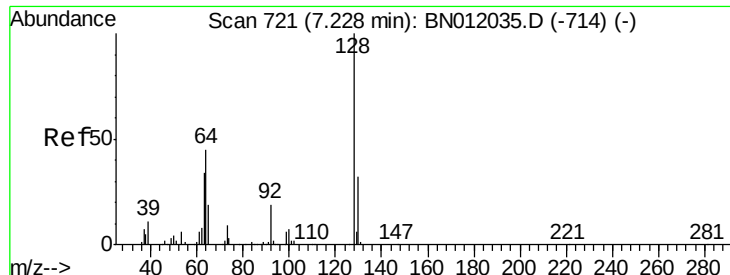
Bis(2-Chloroethyl)ether

Concen: 191.144 ng/ul  
 RT: 7.10 min Scan# 700  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

Tgt Ion: 93 Resp: 3120321

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 73.5  | 59.8  | 89.8  |
| 95  | 31.5  | 25.0  | 37.4  |

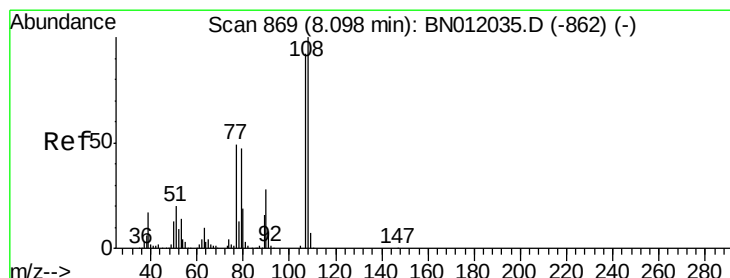
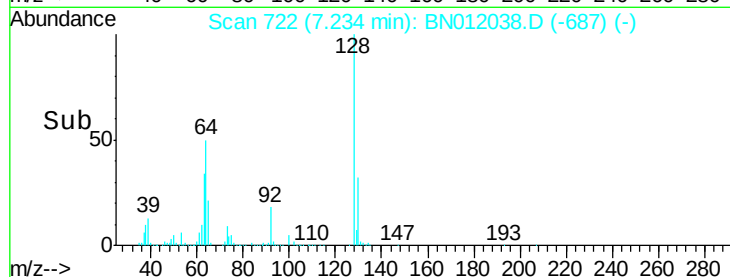
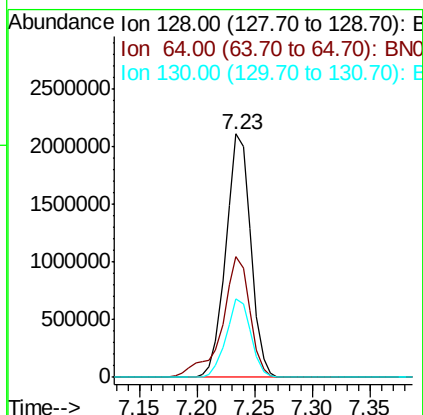
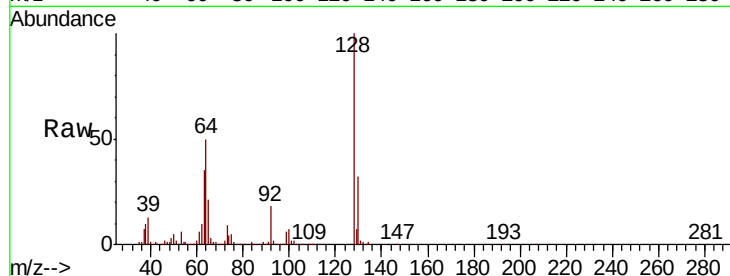




#10  
2-Chlorophenol  
Concen: 167.720 ng/ul  
RT: 7.23 min Scan# 722  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

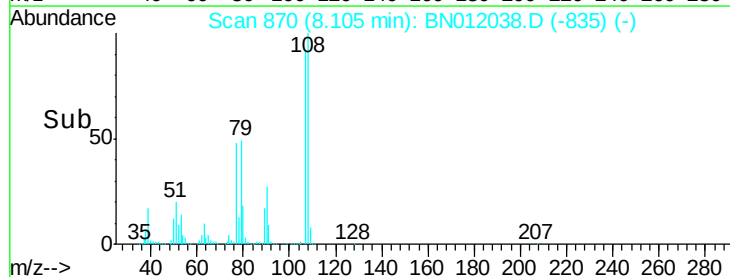
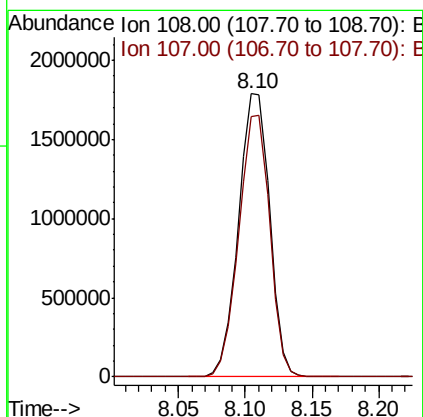
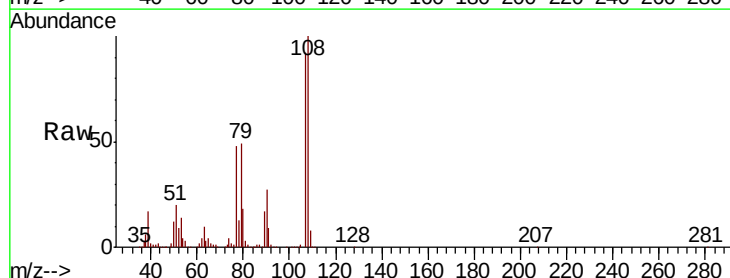
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD16051

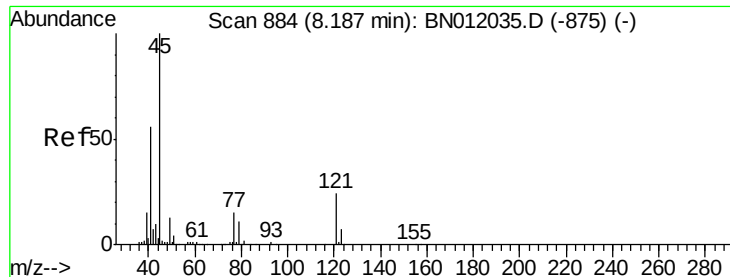
Tot Ion:128 Resp: 3133475  
Ion Ratio Lower Upper  
128 100  
64 49.7 39.8 59.6  
130 32.3 25.7 38.5



#11  
2-Methylphenol  
Concen: 178.150 ng/ul  
RT: 8.10 min Scan# 870  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Tgt Ion:108 Resp: 2888976  
Ion Ratio Lower Upper  
108 100  
107 91.8 73.8 110.8

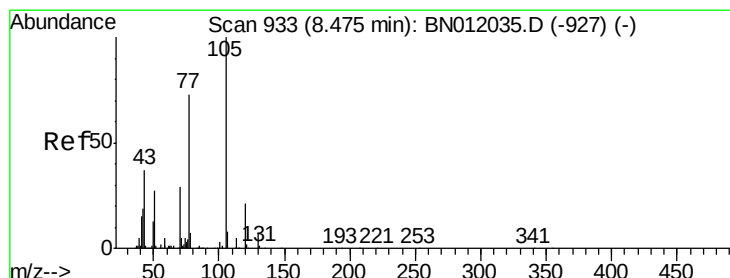
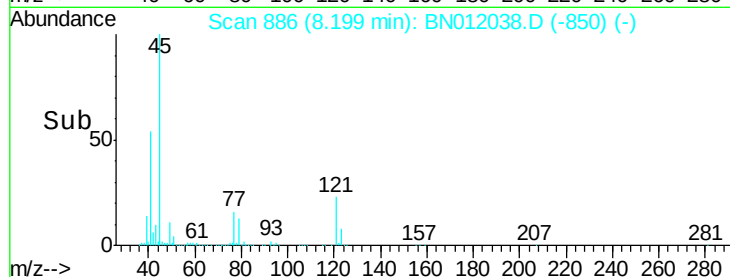
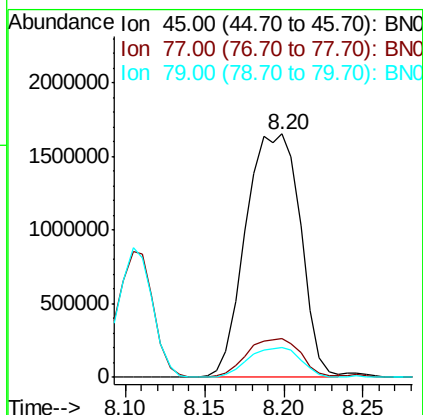
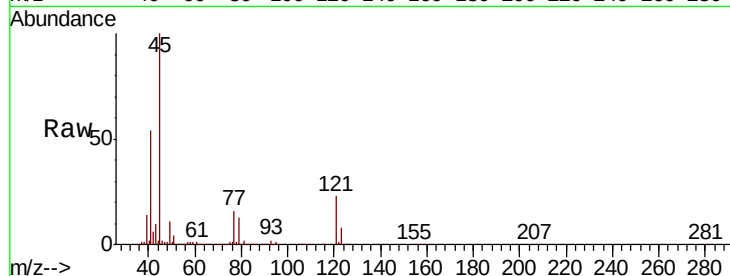




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 445.510 ng/ul  
RT: 8.20 min Scan# 886  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

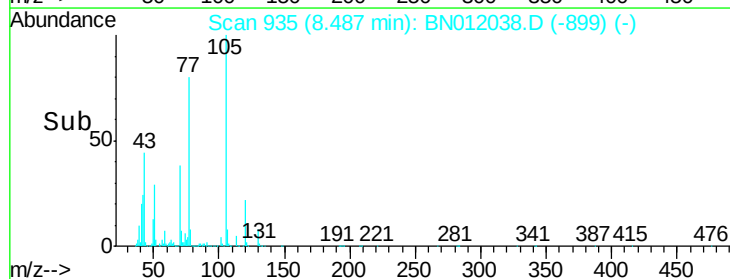
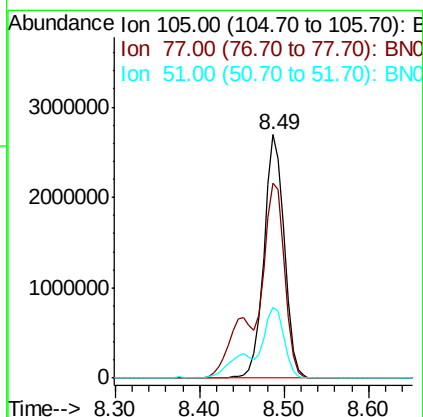
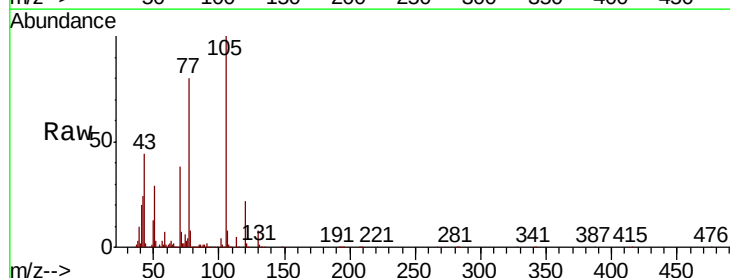
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD16051

Tot Ion: 45 Resp: 3953019  
Ion Ratio Lower Upper  
45 100  
77 16.0 12.9 19.3  
79 12.5 9.2 13.8

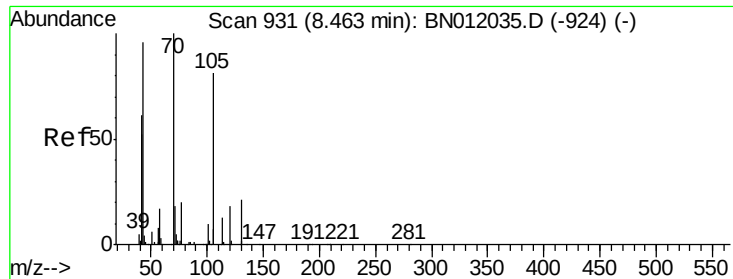


#14  
Acetophenone  
Concen: 169.681 ng/ul  
RT: 8.49 min Scan# 935  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Tgt Ion: 105 Resp: 4500130  
Ion Ratio Lower Upper  
105 100  
77 80.0 66.9 100.3  
51 29.1 24.3 36.5



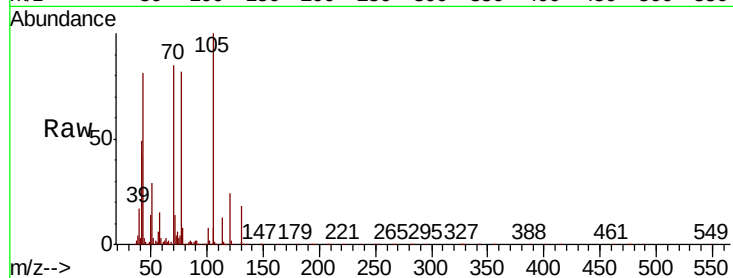




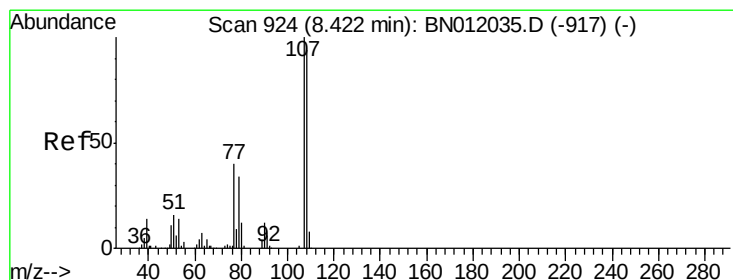
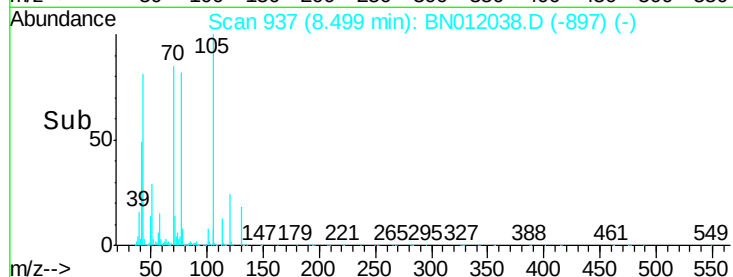
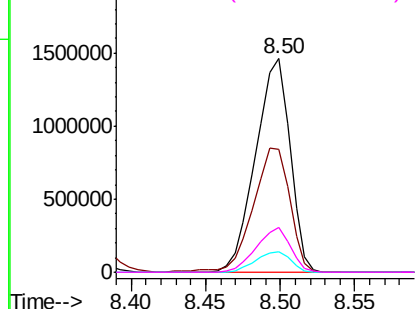
#15  
N-Nitroso-di-n-propylamine  
Concen: 203.421 ng/ul  
RT: 8.50 min Scan# 937  
Delta R.T. 0.04 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD16051

Tot Ion: 70 Resp: 2337278  
Ion Ratio Lower Upper  
70 100  
42 57.5 50.0 75.0  
101 9.6 7.6 11.4  
130 20.9 16.4 24.6

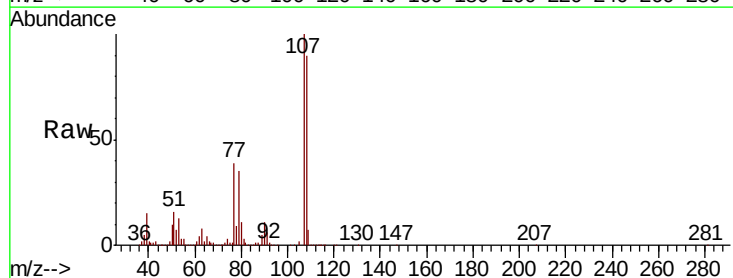


Abundance Ion 70.00 (69.70 to 70.70): BN0  
Ion 42.00 (41.70 to 42.70): BN0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

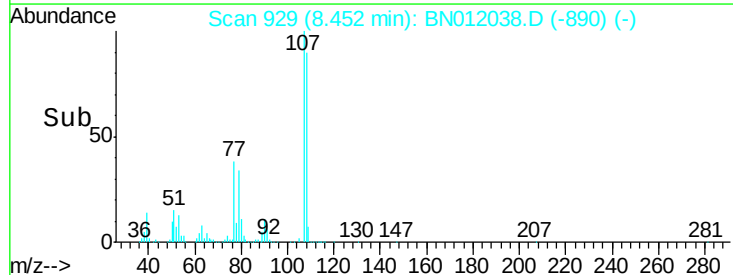
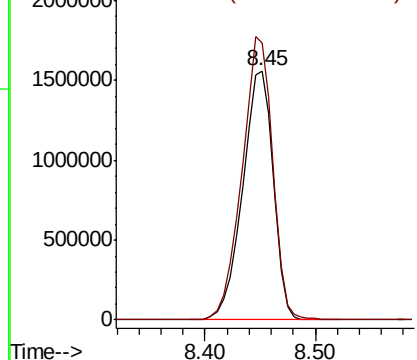


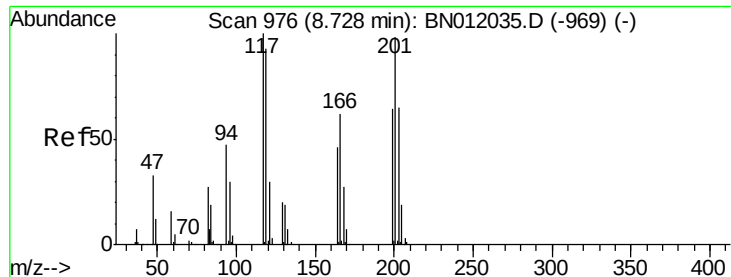
#16  
4-Methylphenol  
Concen: 177.059 ng/ul  
RT: 8.45 min Scan# 929  
Delta R.T. 0.03 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Tgt Ion: 108 Resp: 3040335  
Ion Ratio Lower Upper  
108 100  
107 111.2 85.1 127.7



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





#17

Hexachloroethane

Concen: 162.705 ng/ul

RT: 8.73 min Scan# 977

Delta R.T. 0.01 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Instrument :

BNA\_N

ClientSampleId :

SSTD16051

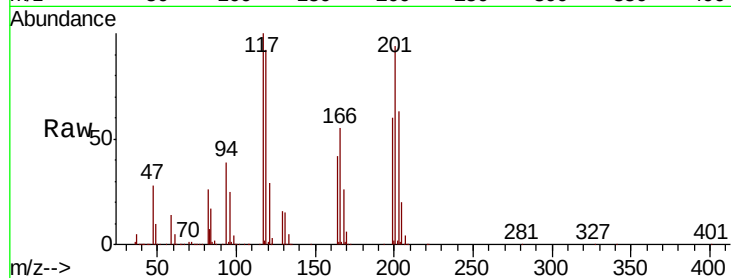
Tot Ion:117 Resp: 1405508

Ion Ratio Lower Upper

117 100

201 94.1 78.6 117.8

199 60.2 51.4 77.2



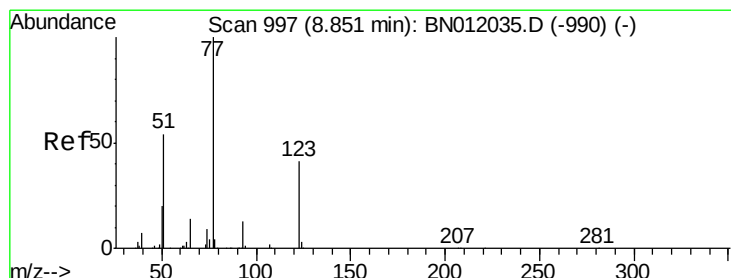
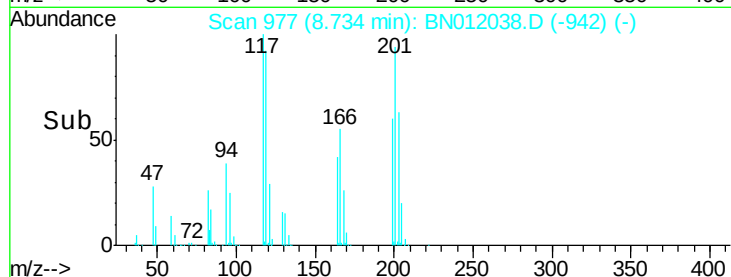
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

8.73

Time-->



#20

Nitrobenzene

Concen: 180.799 ng/ul

RT: 8.86 min Scan# 999

Delta R.T. 0.01 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

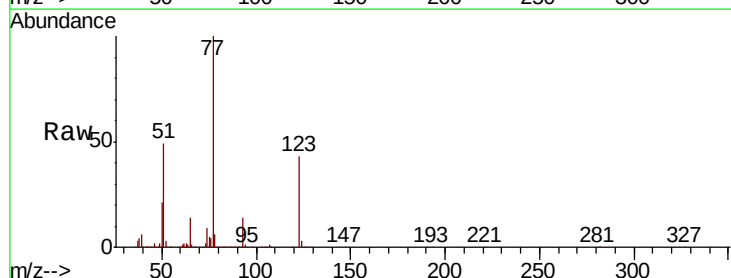
Tgt Ion: 77 Resp: 3755944

Ion Ratio Lower Upper

77 100

123 42.6 33.0 49.4

65 14.4 11.0 16.6



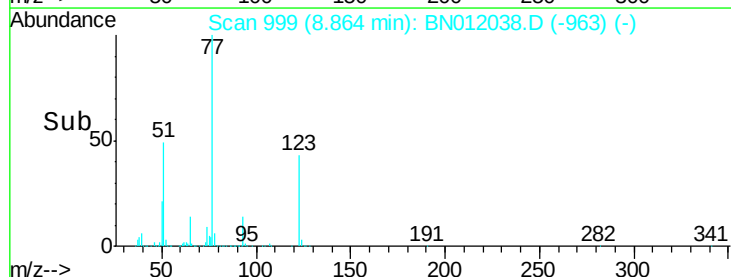
Abundance Ion 77.00 (76.70 to 77.70): BNO

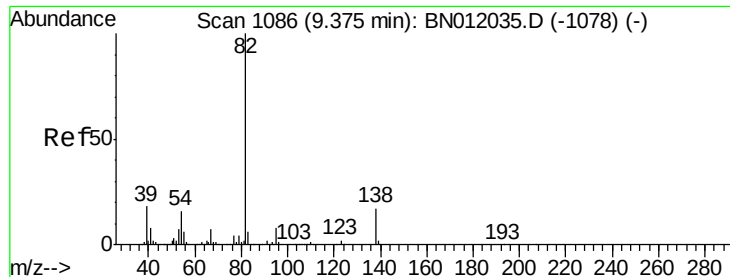
Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNO

8.86

Time-->





#21

Isophorone

Concen: 175.604 ng/ul

RT: 9.40 min Scan# 1090

Delta R.T. 0.02 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Instrument :

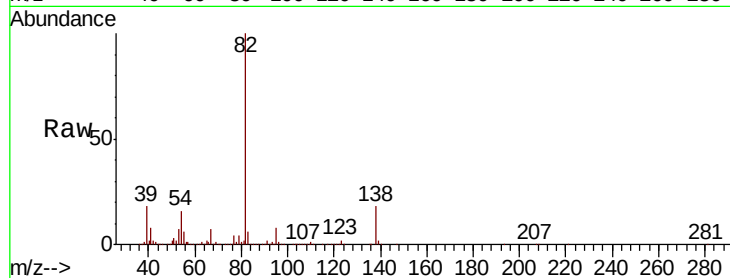
BNA\_N

ClientSampleId :

SSTD16051

Tot Ion: 82 Resp: 6419690

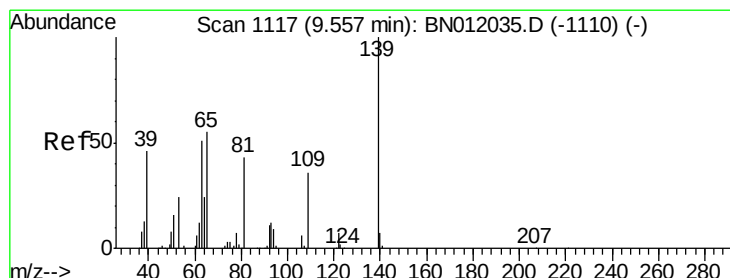
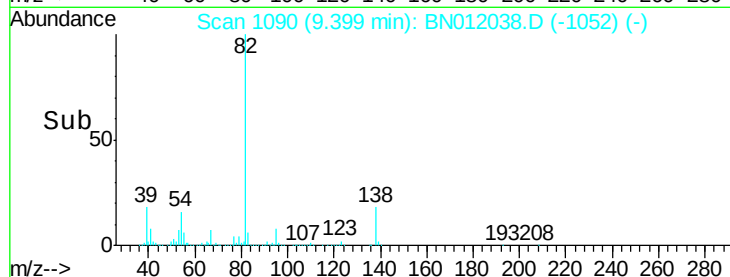
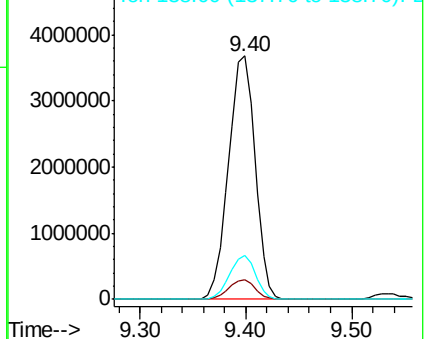
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 8.2   | 6.5   | 9.7   |
| 138 | 17.8  | 13.2  | 19.8  |



Abundance Ion 82.00 (81.70 to 82.70): BN012038.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BN012038.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BN012038.D (-1078) (-)



#23

2-Nitrophenol

Concen: 164.154 ng/ul

RT: 9.56 min Scan# 1118

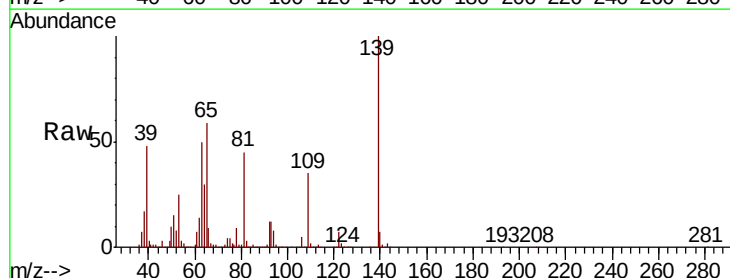
Delta R.T. 0.01 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Tgt Ion: 139 Resp: 1750051

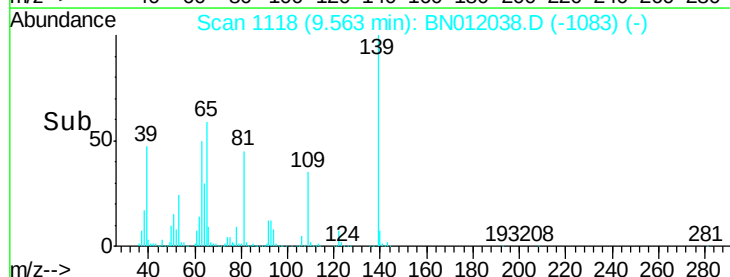
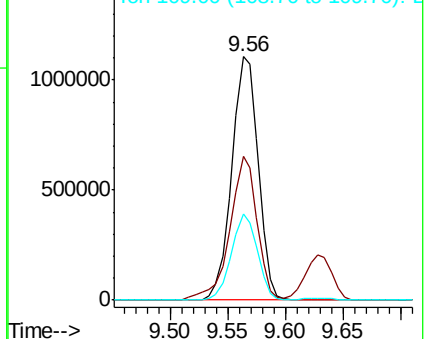
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 65  | 59.0  | 45.9  | 68.9  |
| 109 | 35.2  | 28.9  | 43.3  |

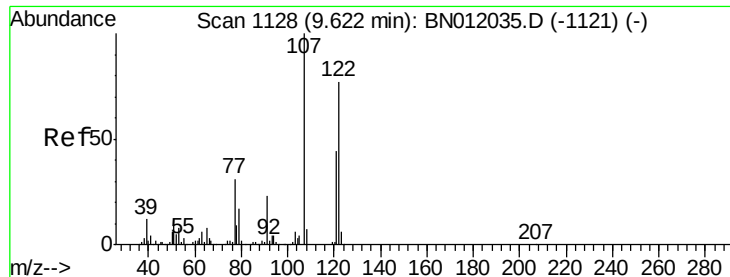


Abundance Ion 139.00 (138.70 to 139.70): BN012038.D (-1083) (-)

Ion 65.00 (64.70 to 65.70): BN012038.D (-1083) (-)

Ion 109.00 (108.70 to 109.70): BN012038.D (-1083) (-)

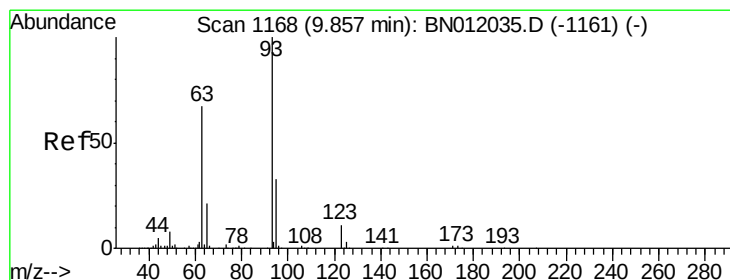
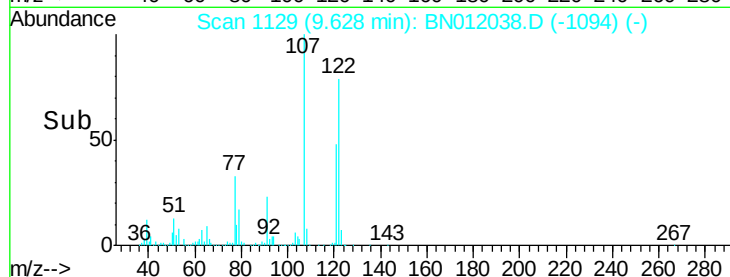
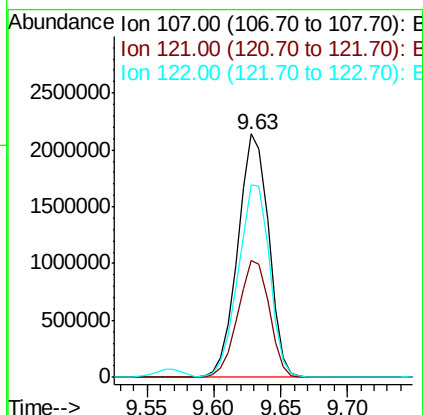
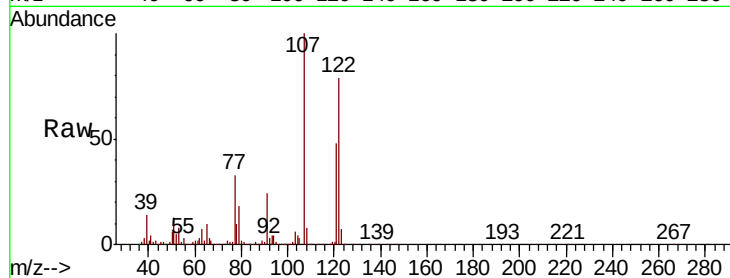




#24  
 2,4-Dimethylphenol  
 Concen: 170.150 ng/ul  
 RT: 9.63 min Scan# 1129  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

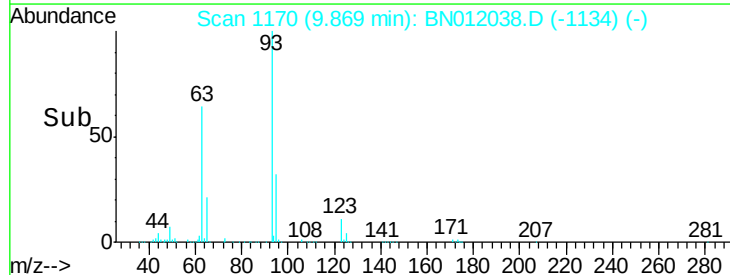
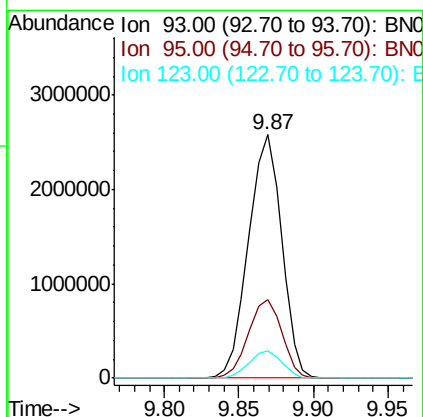
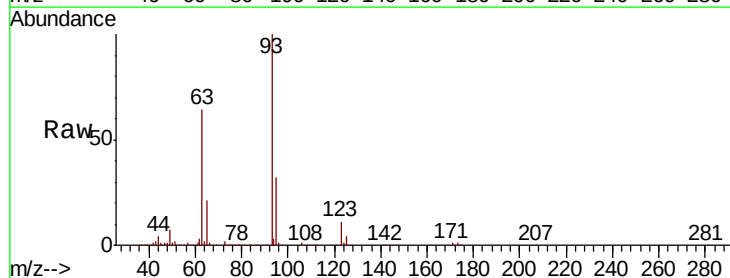
Instrument :  
 BNA\_N  
 ClientSampled :  
 SSTD16051

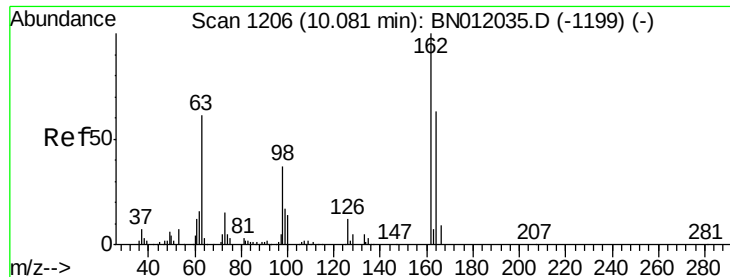
Tot Ion:107 Resp: 3429161  
 Ion Ratio Lower Upper  
 107 100  
 121 47.8 35.5 53.3  
 122 79.1 62.1 93.1



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 183.107 ng/ul  
 RT: 9.87 min Scan# 1170  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

Tgt Ion: 93 Resp: 3970505  
 Ion Ratio Lower Upper  
 93 100  
 95 32.2 26.4 39.6  
 123 11.0 8.9 13.3

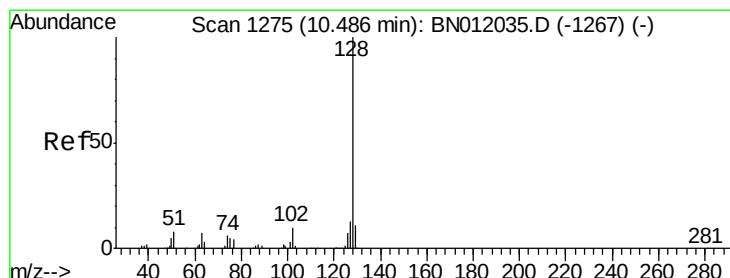
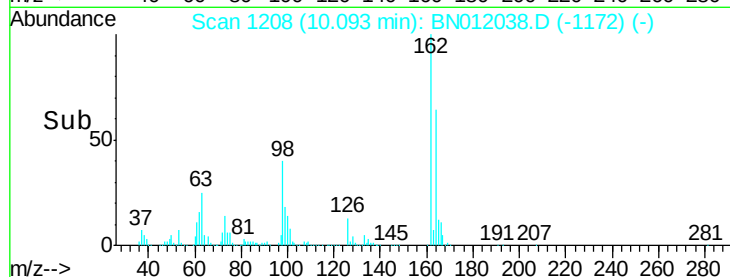
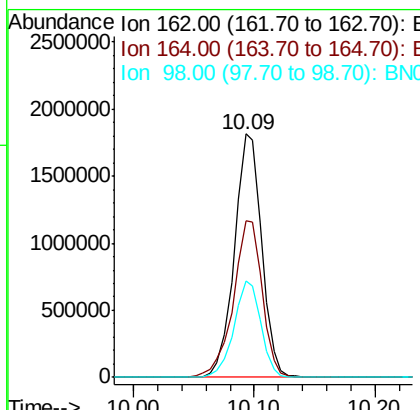
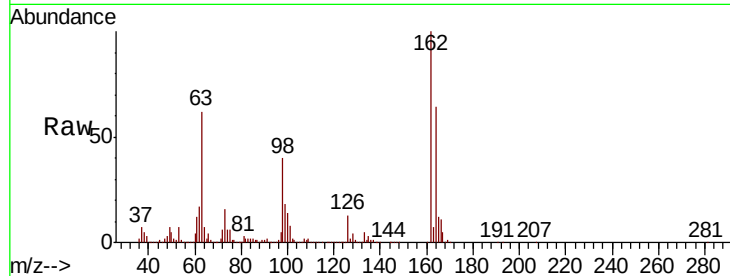




#27  
2,4-Dichlorophenol  
Concen: 155.347 ng/ul  
RT: 10.09 min Scan# 1208  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

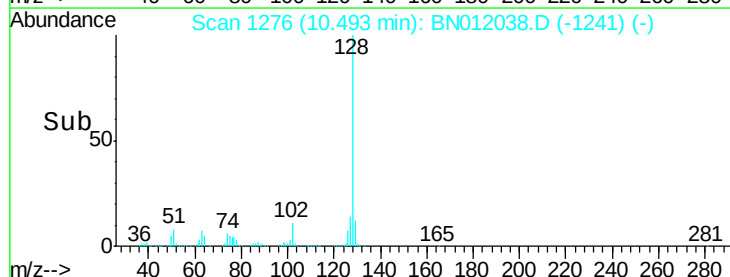
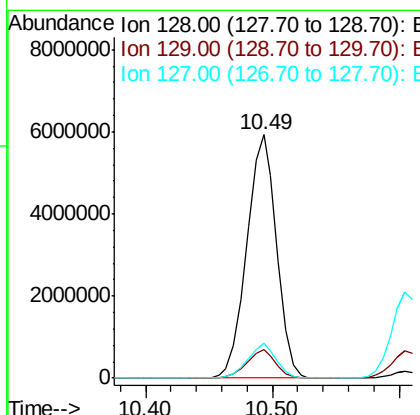
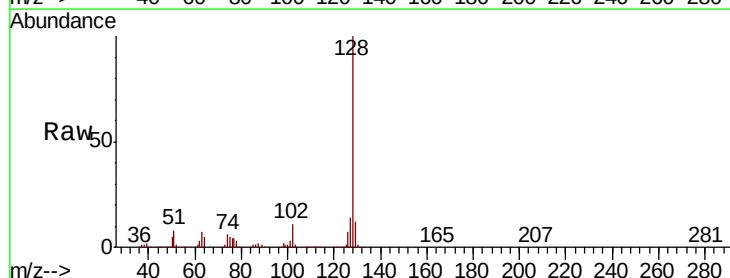
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD16051

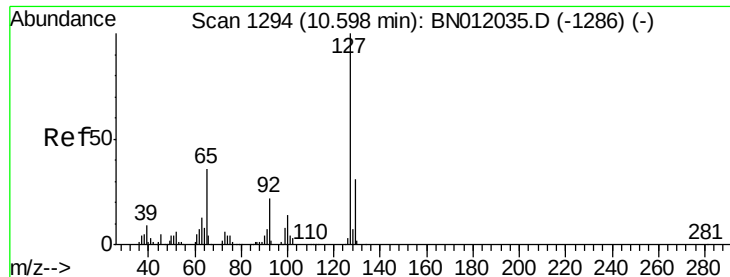
Tot Ion:162 Resp: 2850124  
Ion Ratio Lower Upper  
162 100  
164 64.3 50.8 76.2  
98 39.6 29.8 44.6



#28  
Naphthalene  
Concen: 157.413 ng/ul  
RT: 10.49 min Scan# 1276  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Tgt Ion:128 Resp: 9634557  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.8 13.2  
127 14.1 10.7 16.1

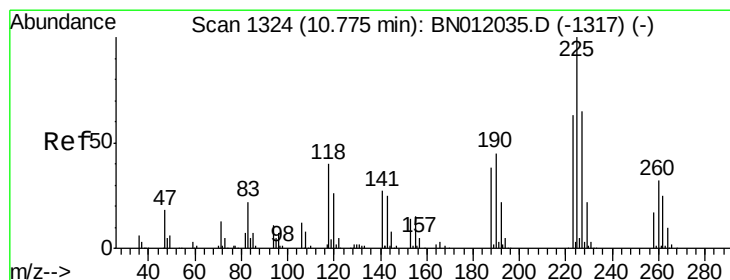
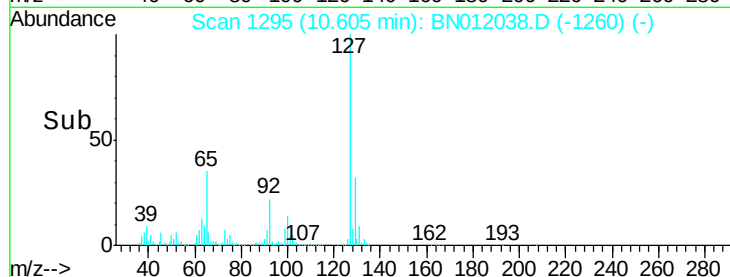
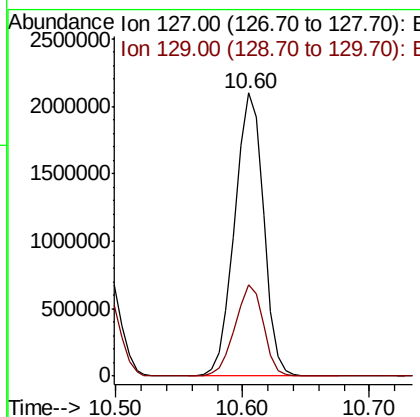
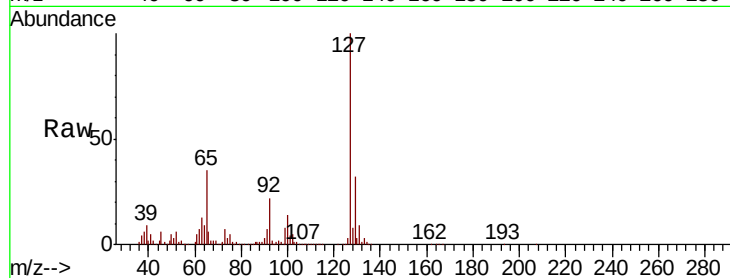




#30  
4-Chloroaniline  
Concen: 152.678 ng/ul  
RT: 10.60 min Scan# 1295  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

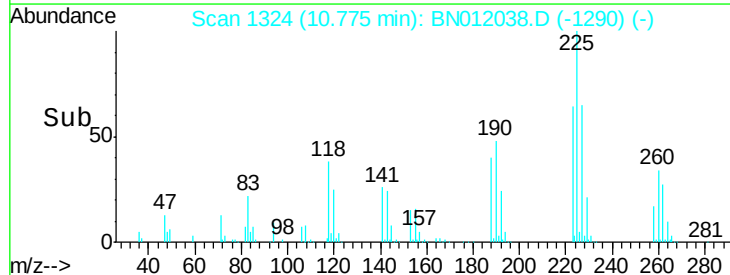
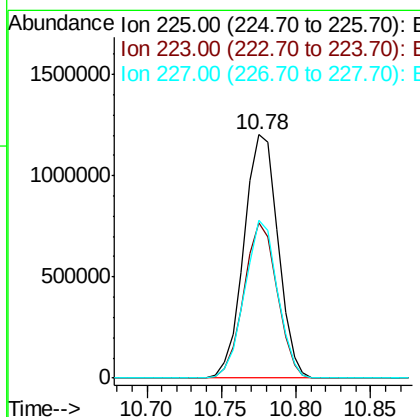
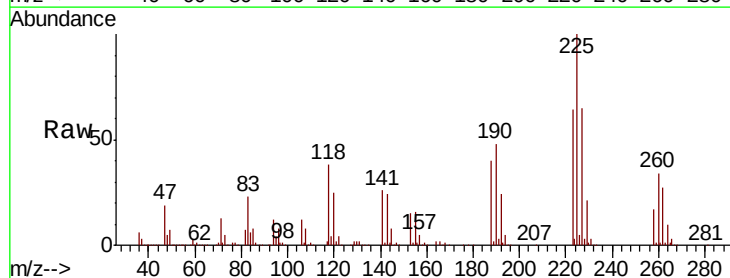
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD16051

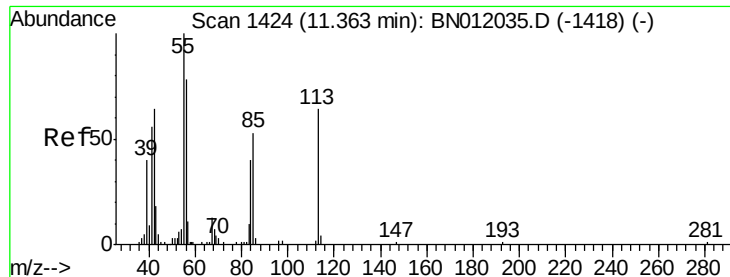
Tot Ion:127 Resp: 3299656  
Ion Ratio Lower Upper  
127 100  
129 32.2 25.0 37.4



#31  
Hexachlorobutadiene  
Concen: 126.980 ng/ul  
RT: 10.78 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Tgt Ion:225 Resp: 1897346  
Ion Ratio Lower Upper  
225 100  
223 64.0 50.0 75.0  
227 65.0 52.2 78.2





#32

Caprolactam

Concen: 103.944 ng/ul

RT: 11.41 min Scan# 1432

Delta R.T. 0.05 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Instrument :

BNA\_N

ClientSampleId :

SSTD16051

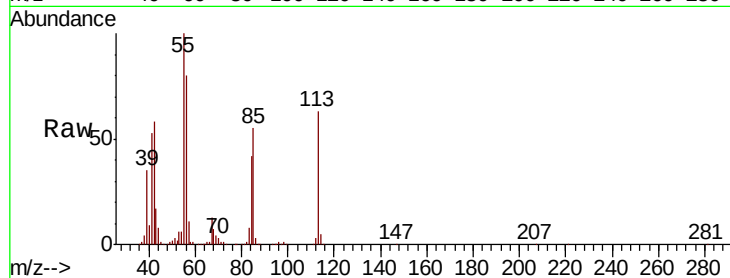
Tot Ion:113 Resp: 487157

Ion Ratio Lower Upper

113 100

55 158.7 125.6 188.4

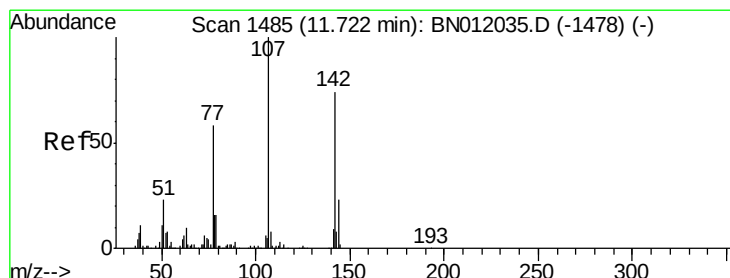
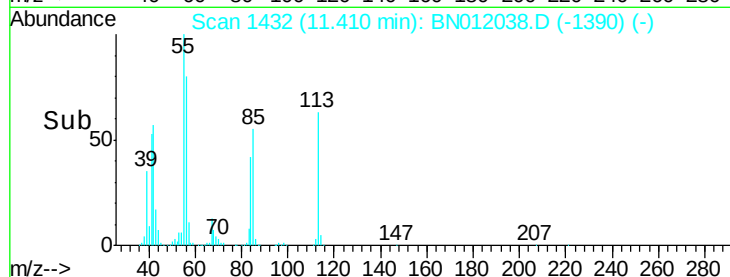
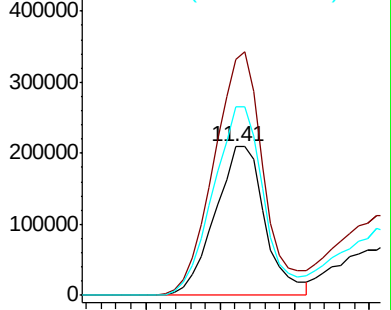
56 127.1 98.3 147.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 184.802 ng/ul

RT: 11.74 min Scan# 1488

Delta R.T. 0.02 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

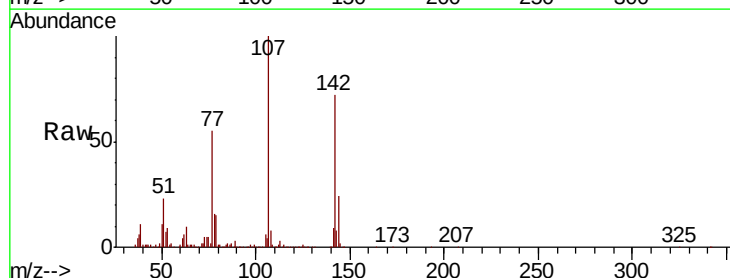
Tgt Ion:107 Resp: 3219422

Ion Ratio Lower Upper

107 100

144 23.6 18.7 28.1

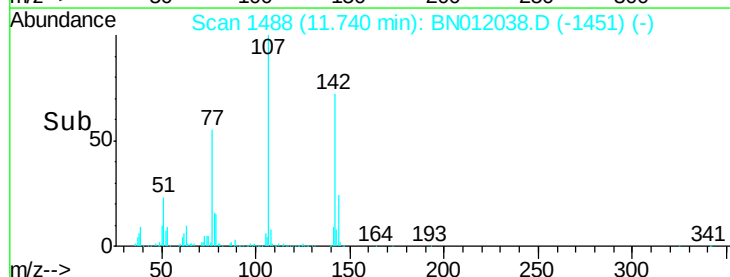
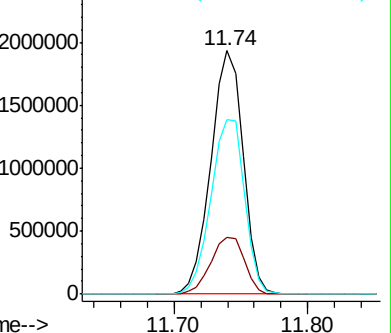
142 71.9 58.9 88.3

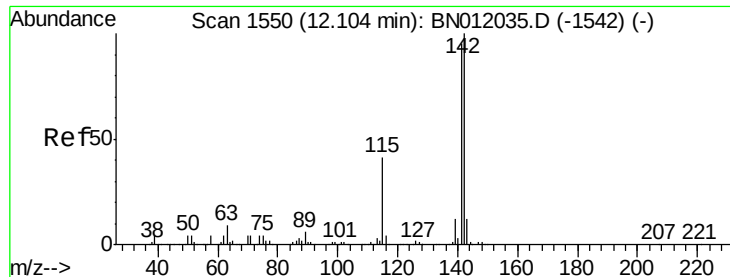


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

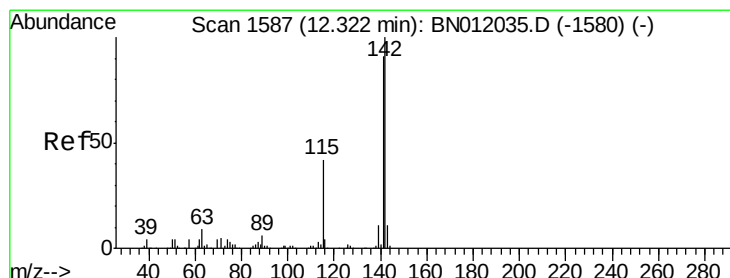
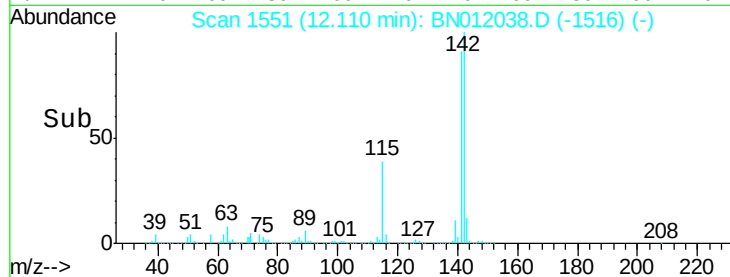
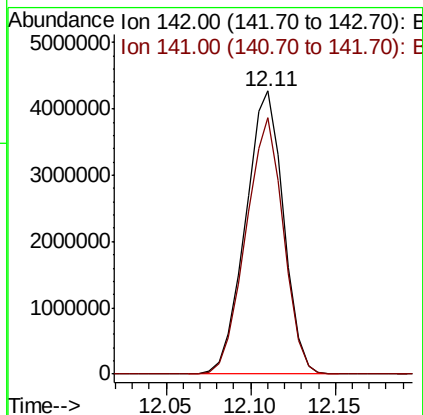
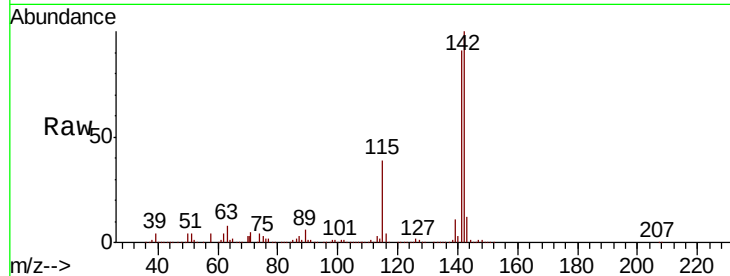




#34  
 2-Methylnaphthalene  
 Concen: 158.774 ng/uL  
 RT: 12.11 min Scan# 1551  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

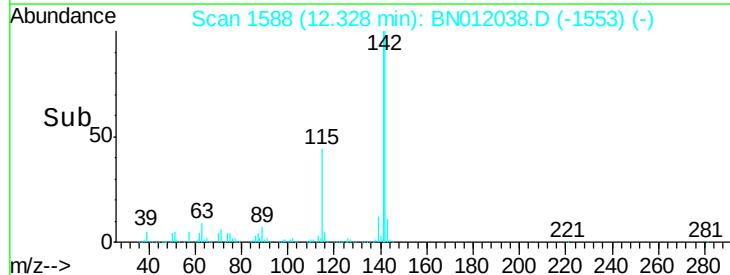
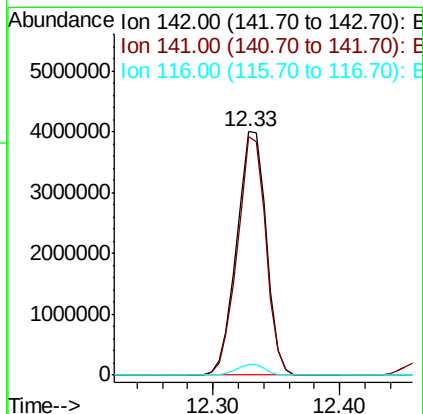
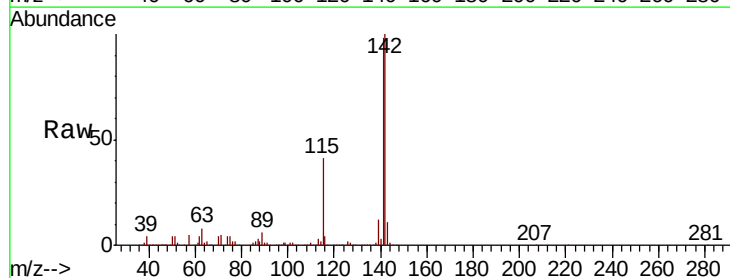
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD16051

Tot Ion:142 Resp: 6661224  
 Ion Ratio Lower Upper  
 142 100  
 141 90.8 75.9 113.9

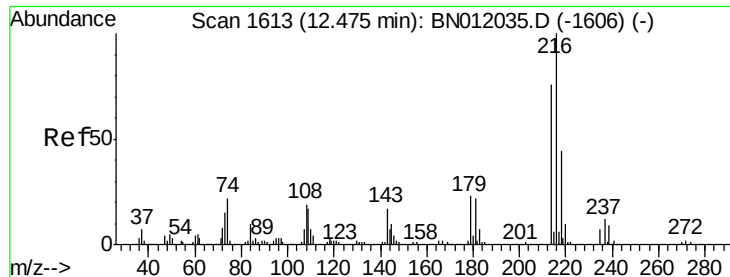


#35  
 1-Methylnaphthalene  
 Concen: 156.407 ng/uL  
 RT: 12.33 min Scan# 1588  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

Tgt Ion:142 Resp: 6432411  
 Ion Ratio Lower Upper  
 142 100  
 141 94.6 75.2 112.8  
 116 4.2 3.4 5.2



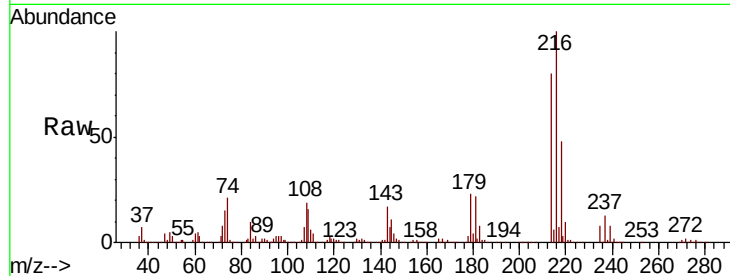




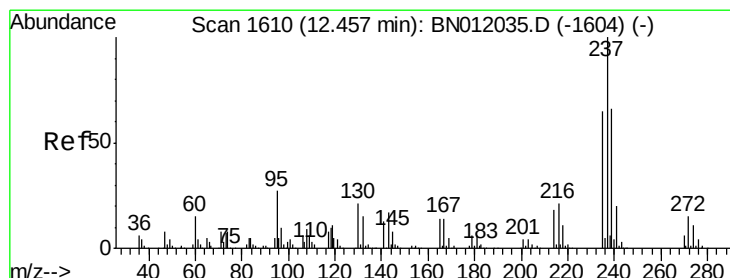
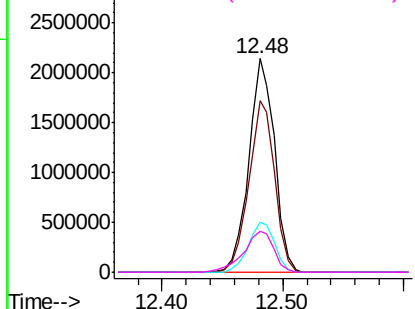
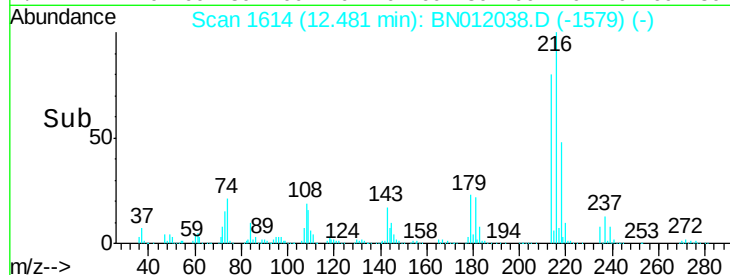
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 137.860 ng/ul  
 RT: 12.48 min Scan# 1614  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD16051

Tot Ion:216 Resp: 3173379  
 Ion Ratio Lower Upper  
 216 100  
 214 80.1 60.4 90.6  
 179 23.3 18.3 27.5  
 108 19.4 15.1 22.7

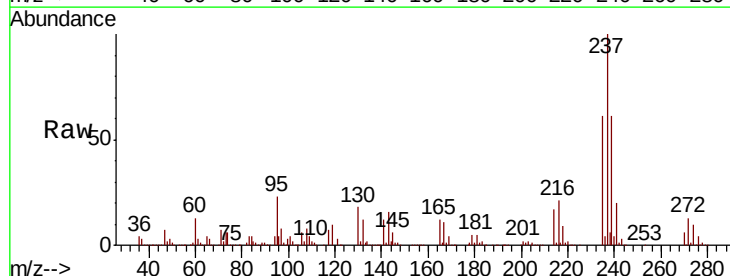


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

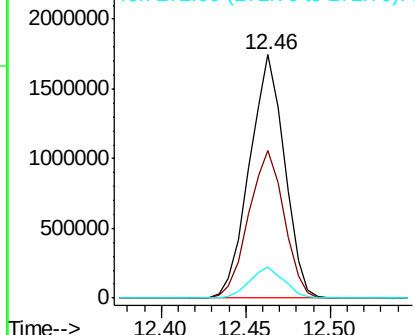
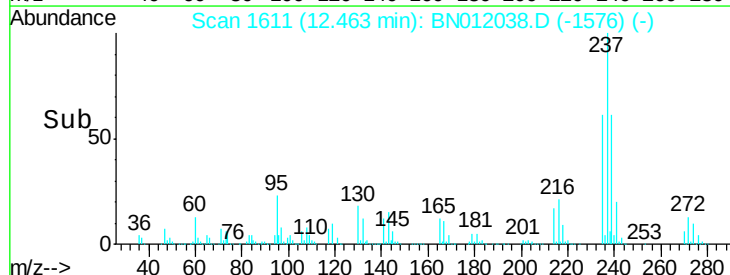


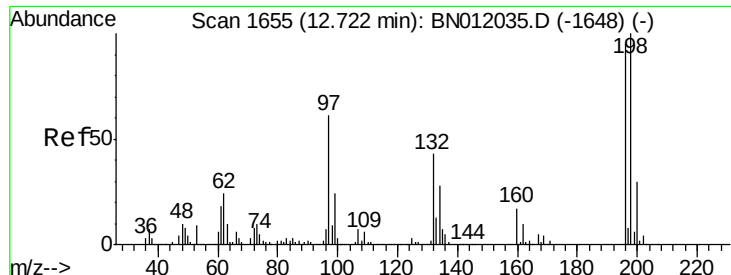
#38  
 Hexachlorocyclopentadiene  
 Concen: 160.071 ng/ul  
 RT: 12.46 min Scan# 1611  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

Tgt Ion:237 Resp: 2524739  
 Ion Ratio Lower Upper  
 237 100  
 235 60.9 51.8 77.6  
 272 12.7 11.8 17.6



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

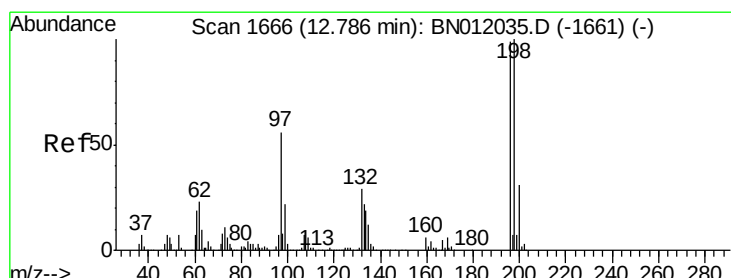
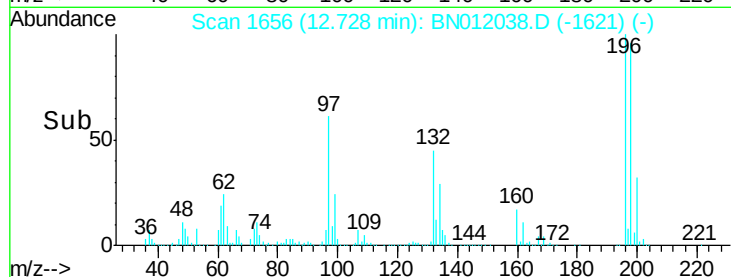
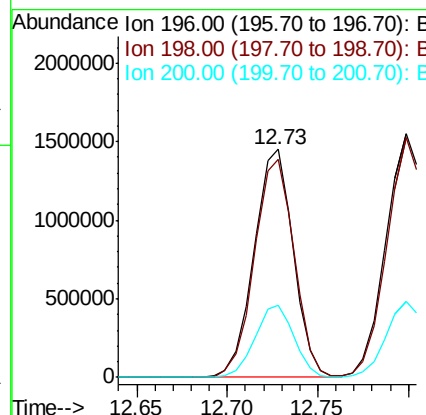
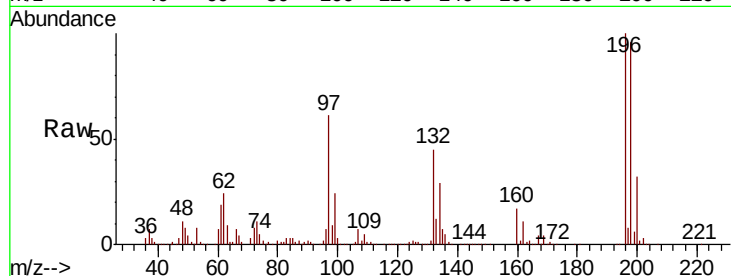




#39  
 2,4,6-Trichlorophenol  
 Concen: 162.084 ng/ul  
 RT: 12.73 min Scan# 1656  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

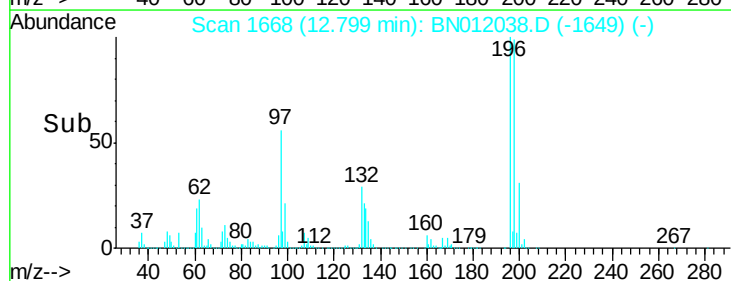
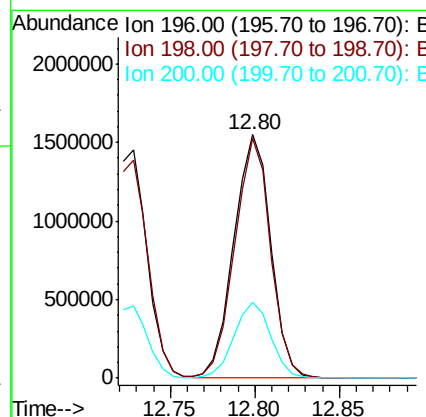
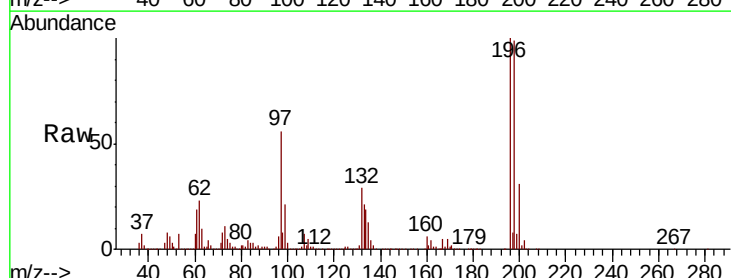
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD16051

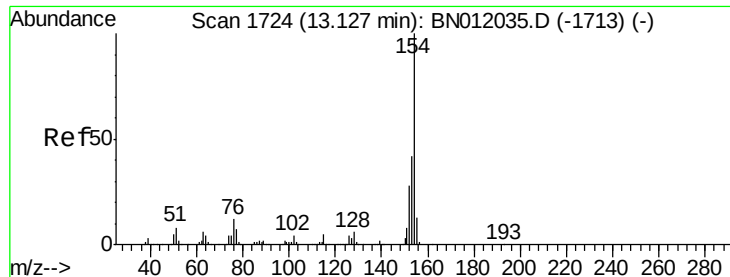
Tot Ion:196 Resp: 2183560  
 Ion Ratio Lower Upper  
 196 100  
 198 95.5 84.2 126.2  
 200 31.6 24.9 37.3



#40  
 2,4,5-Trichlorophenol  
 Concen: 160.357 ng/ul  
 RT: 12.80 min Scan# 1668  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

Tgt Ion:196 Resp: 2345787  
 Ion Ratio Lower Upper  
 196 100  
 198 98.6 80.6 121.0  
 200 31.1 24.8 37.2





#41

1,1'-Biphenyl

Concen: 160.717 ng/ul

RT: 13.13 min Scan# 1725

Delta R.T. 0.01 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Instrument :

BNA\_N

ClientSampleId :

SSTD16051

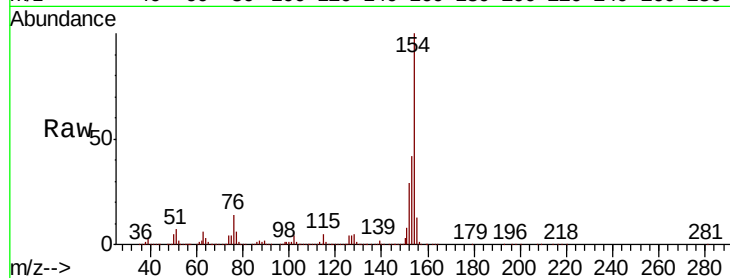
Tot Ion:154 Resp: 8482664

Ion Ratio Lower Upper

154 100

153 42.4 33.9 50.9

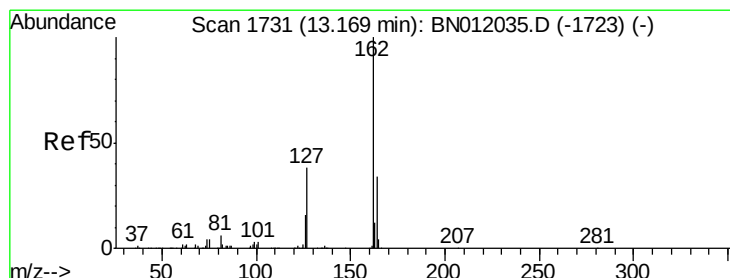
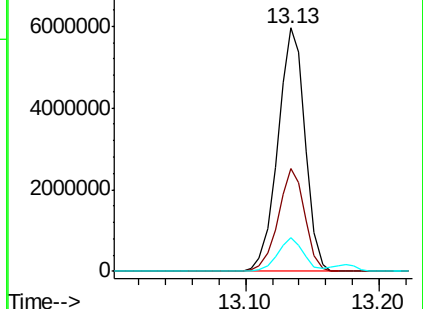
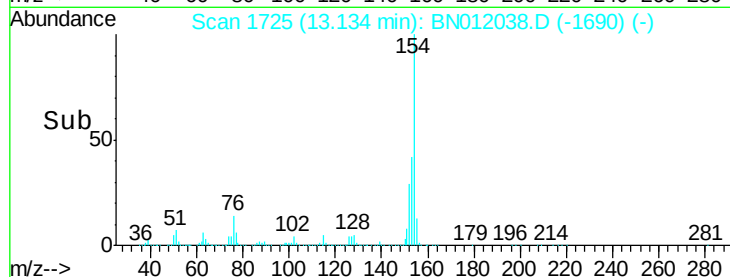
76 13.8 9.8 14.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#42

2-Chloronaphthalene

Concen: 156.152 ng/ul

RT: 13.18 min Scan# 1732

Delta R.T. 0.01 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

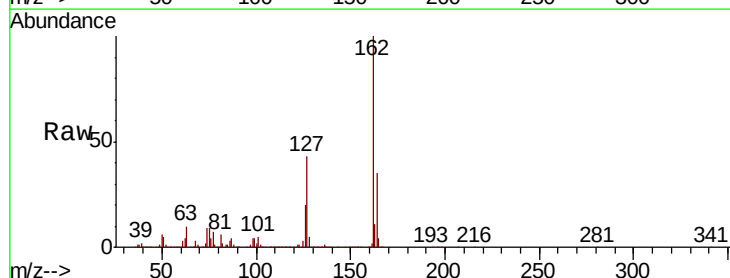
Tgt Ion:162 Resp: 6668787

Ion Ratio Lower Upper

162 100

164 34.6 27.4 41.0

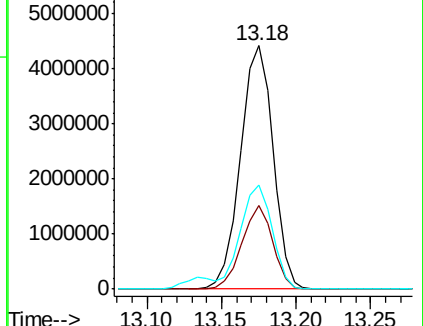
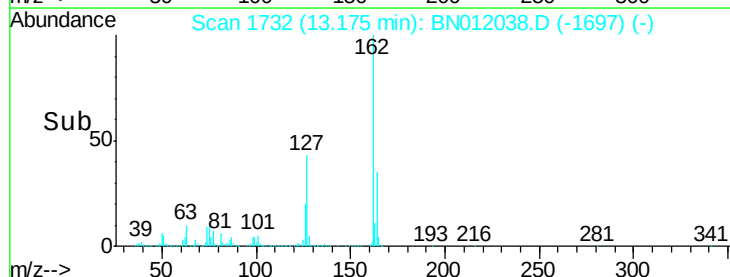
127 42.6 33.9 50.9

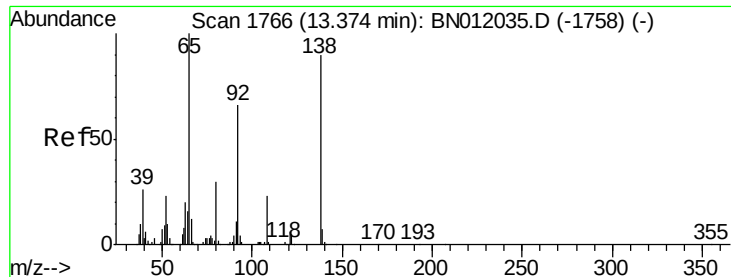


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

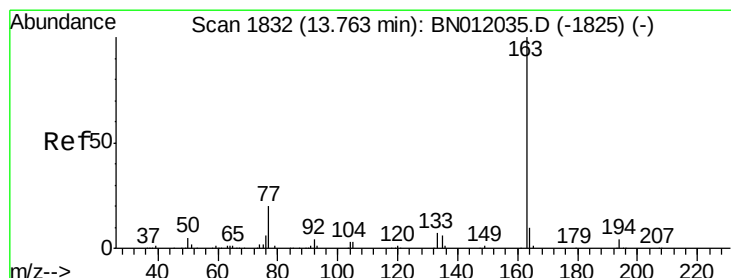
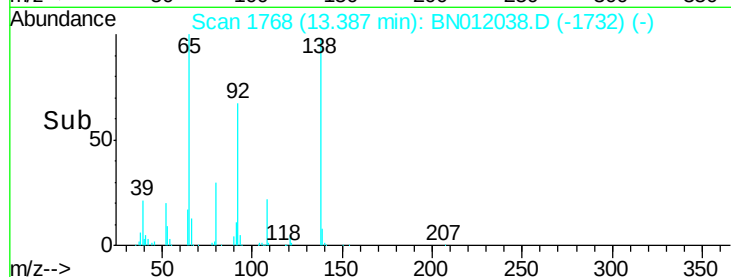
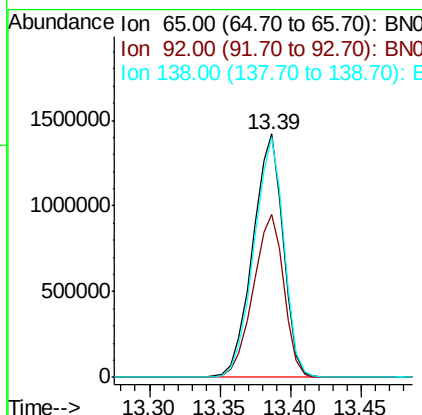
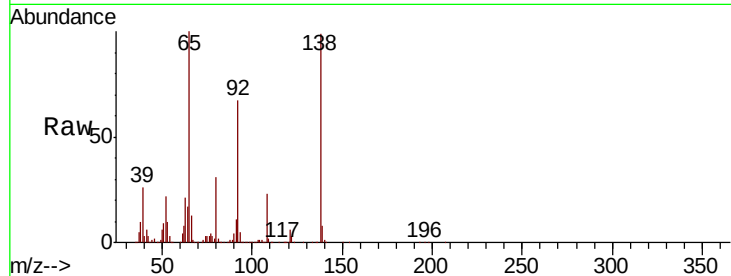




#43  
2-Nitroaniline  
Concen: 256.467 ng/ul  
RT: 13.39 min Scan# 1768  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

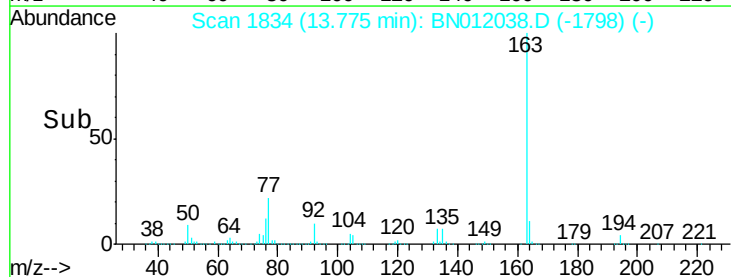
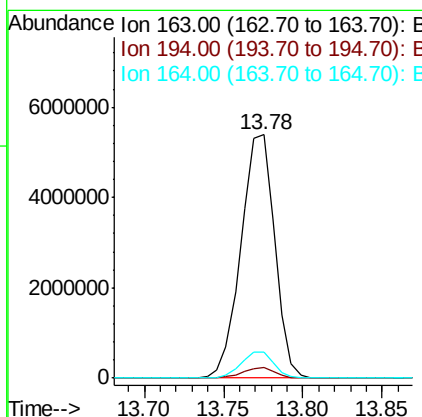
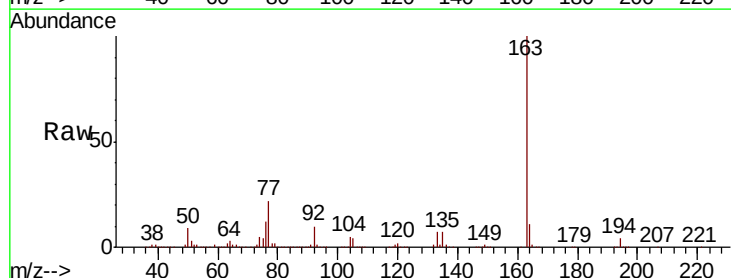
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD16051

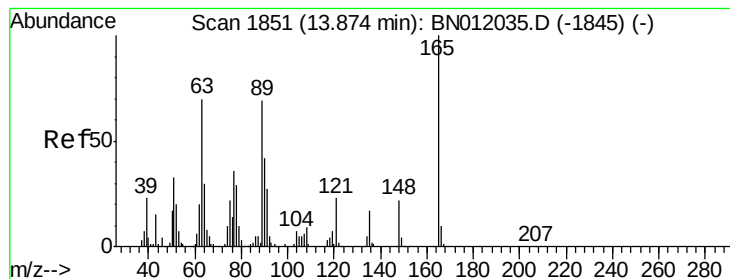
Tot Ion: 65 Resp: 2153712  
Ion Ratio Lower Upper  
65 100  
92 67.1 52.9 79.3  
138 98.7 72.2 108.4



#45  
Dimethylphthalate  
Concen: 151.660 ng/ul  
RT: 13.78 min Scan# 1834  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Tgt Ion:163 Resp: 7971473  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 10.8 7.8 11.8





#46

2,6-Dinitrotoluene

Concen: 173.359 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. 0.02 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Instrument :

BNA\_N

ClientSampleId :

SSTD16051

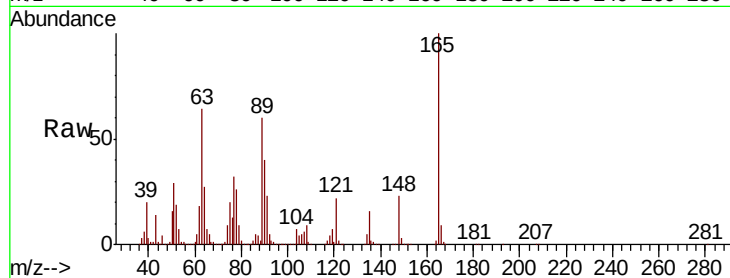
Tot Ion:165 Resp: 1784113

Ion Ratio Lower Upper

165 100

89 59.9 55.4 83.0

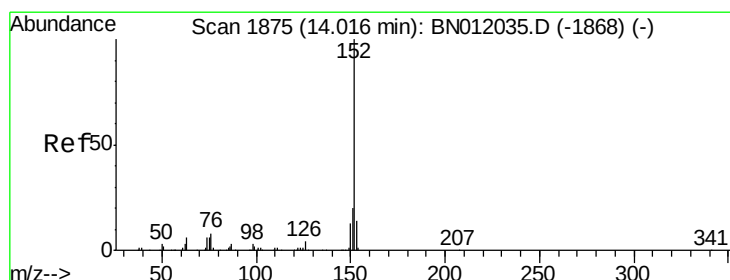
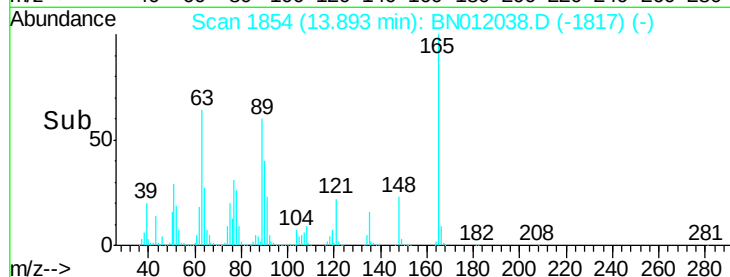
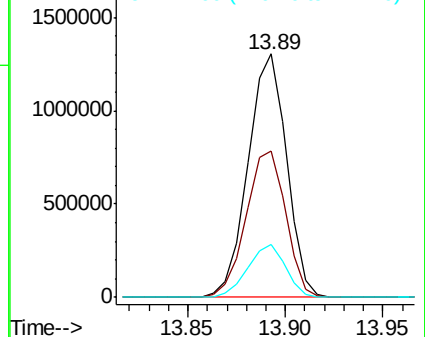
121 21.7 18.4 27.6



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: 157.319 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. 0.01 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

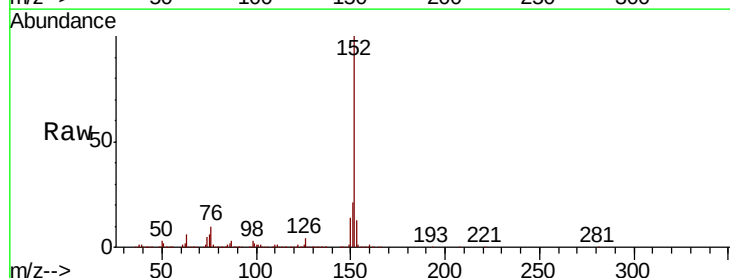
Tgt Ion:152 Resp:10041578

Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

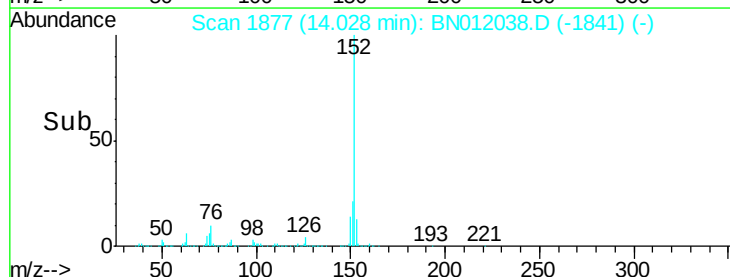
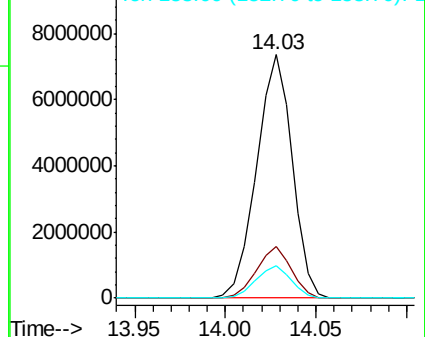
153 13.3 11.4 17.2

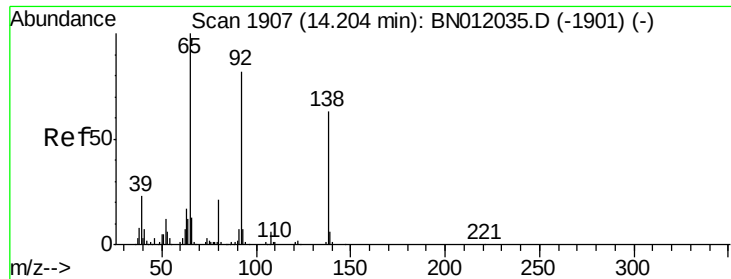


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

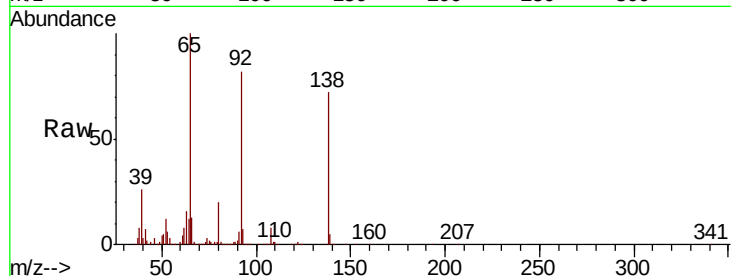




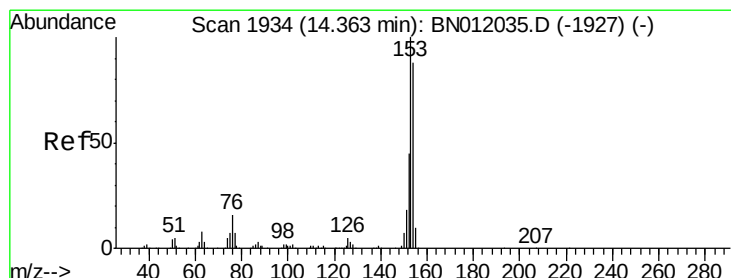
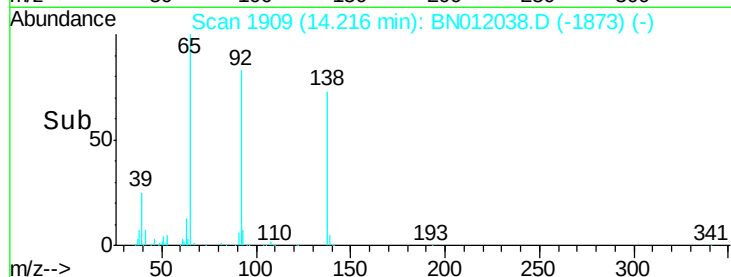
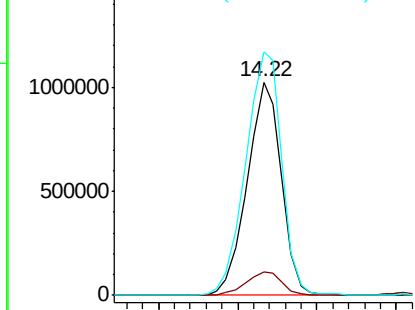
#49  
3-Nitroaniline  
Concen: 162.634 ng/ul  
RT: 14.22 min Scan# 1909  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD16051

Tot Ion:138 Resp: 1531200  
Ion Ratio Lower Upper  
138 100  
108 10.9 7.9 11.9  
92 114.1 104.3 156.5

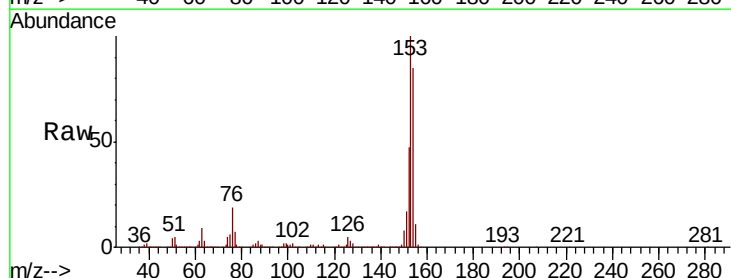


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BNO

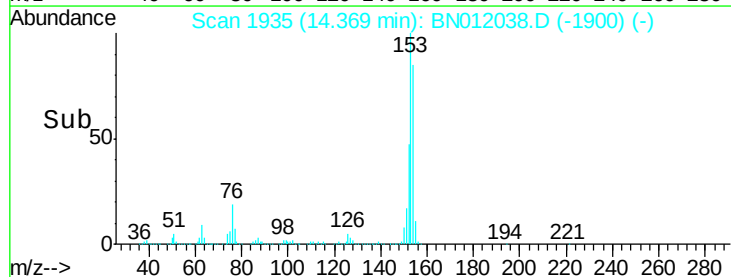
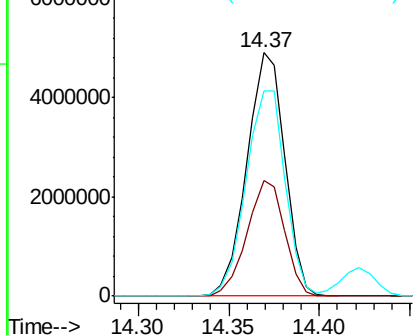


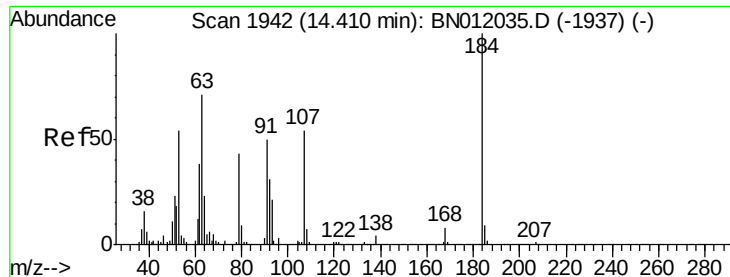
#50  
Acenaphthene  
Concen: 159.702 ng/ul  
RT: 14.37 min Scan# 1935  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Tgt Ion:153 Resp: 7135590  
Ion Ratio Lower Upper  
153 100  
152 47.3 35.9 53.9  
154 84.5 70.2 105.2



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: 190.480 ng/ul

RT: 14.42 min Scan# 1944

Delta R.T. 0.01 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Instrument :

BNA\_N

ClientSampleId :

SSTD16051

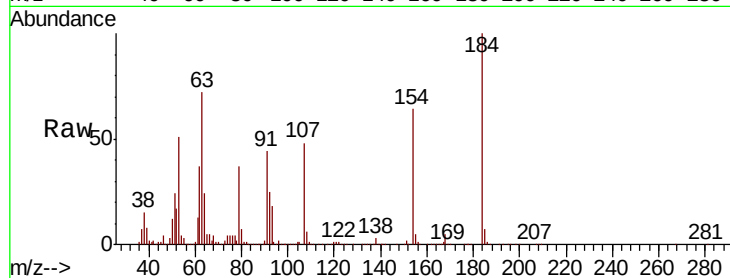
Tot Ion:184 Resp: 1170873

Ion Ratio Lower Upper

184 100

63 72.0 65.0 97.6

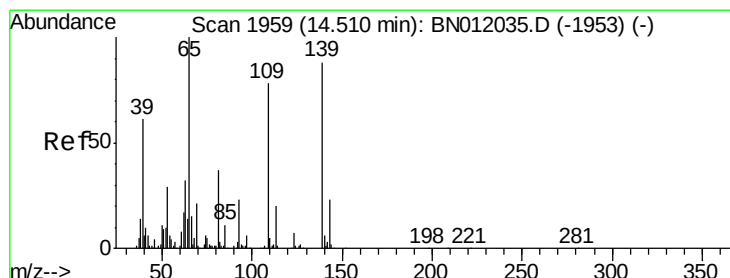
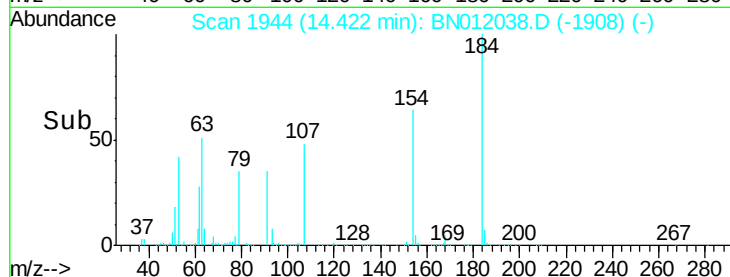
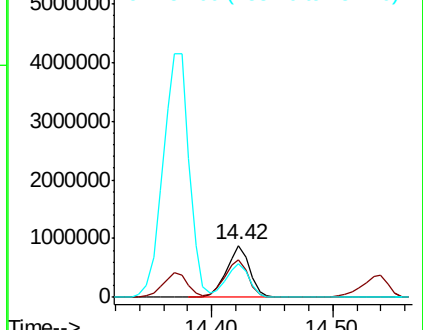
154 64.0 63.0 94.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 164.733 ng/ul

RT: 14.54 min Scan# 1964

Delta R.T. 0.03 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

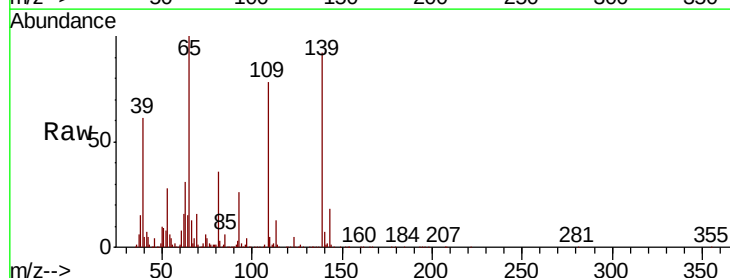
Tgt Ion:109 Resp: 1362223

Ion Ratio Lower Upper

109 100

139 118.6 90.9 136.3

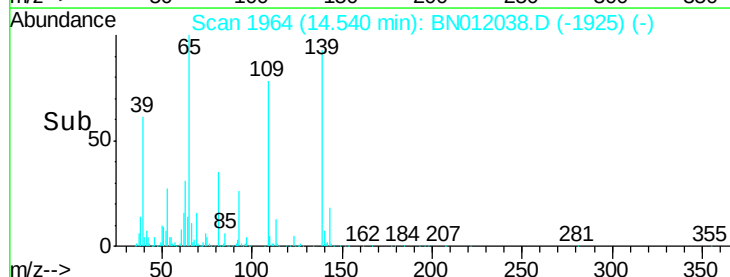
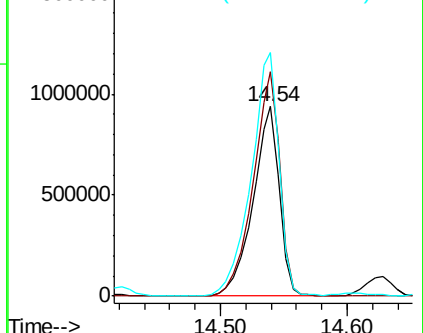
65 128.4 103.8 155.6

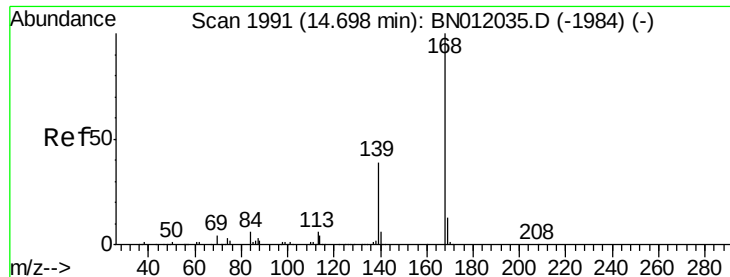


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BN0





#54

Dibenzofuran

Concen: 144.261 ng/ul

RT: 14.71 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Instrument :

BNA\_N

ClientSampleId :

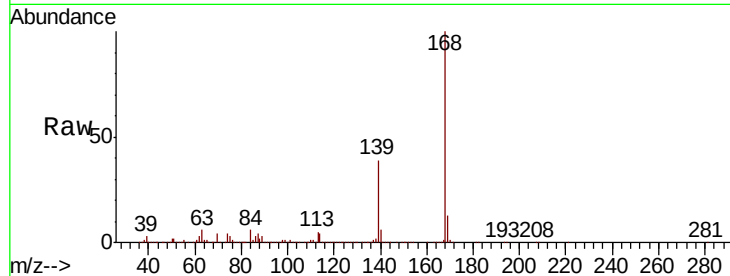
SSTD16051

Tot Ion:168 Resp: 9347928

Ion Ratio Lower Upper

168 100

139 38.6 31.5 47.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

8000000

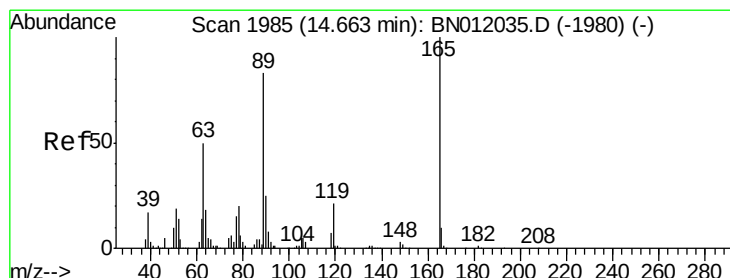
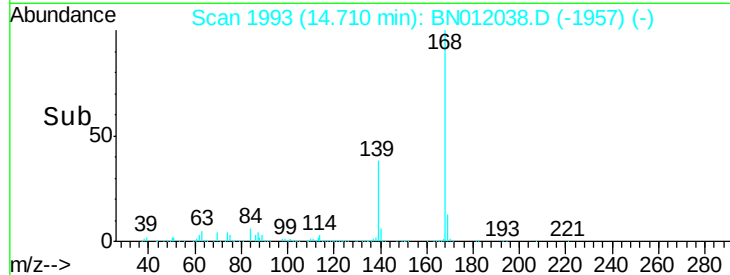
6000000

4000000

2000000

0

Time--> 14.65 14.70 14.75



#55

2,4-Dinitrotoluene

Concen: 171.807 ng/ul

RT: 14.68 min Scan# 1988

Delta R.T. 0.02 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

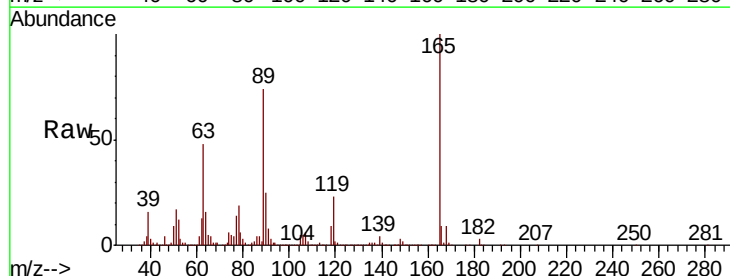
Tgt Ion:165 Resp: 2543011

Ion Ratio Lower Upper

165 100

63 48.2 40.2 60.2

182 3.0 2.2 3.2



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

2500000

2000000

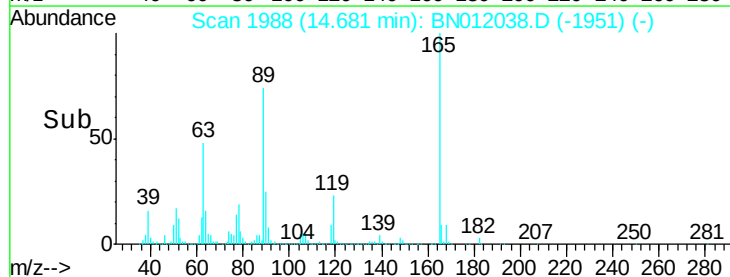
1500000

1000000

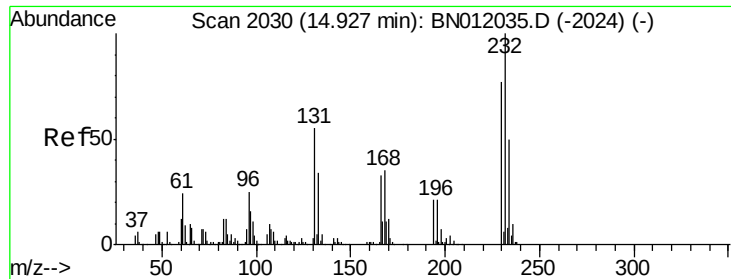
500000

0

Time--> 14.65 14.70



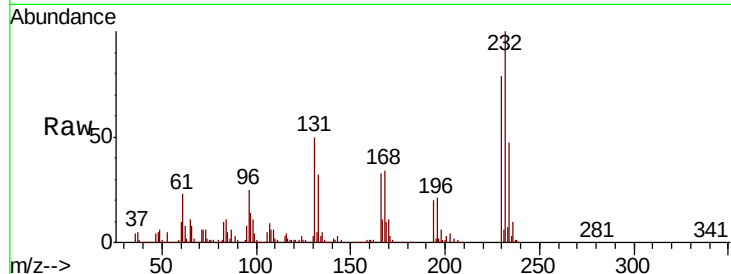




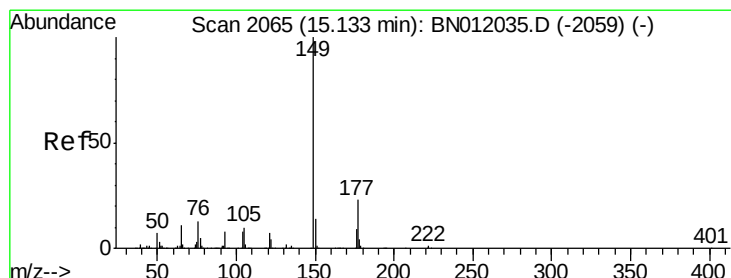
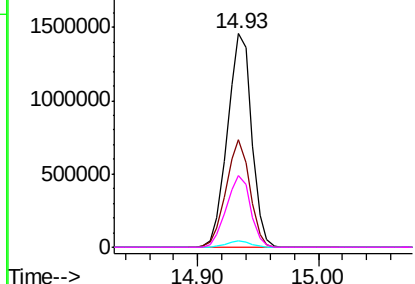
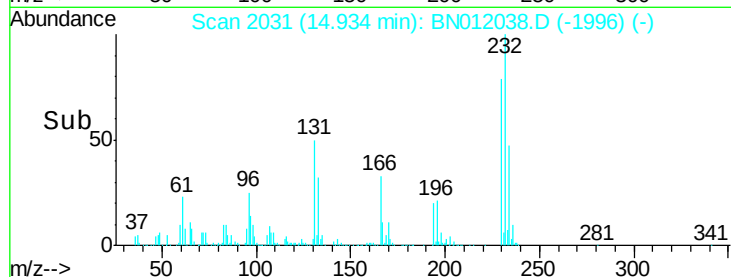
#56  
2,3,4,6-Tetrachlorophenol  
Concen: 166.472 ng/ul  
RT: 14.93 min Scan# 2031  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD16051

Tot Ion:232 Resp: 2033204  
Ion Ratio Lower Upper  
232 100  
131 50.5 44.0 66.0  
130 2.8 2.2 3.2  
166 33.3 26.1 39.1

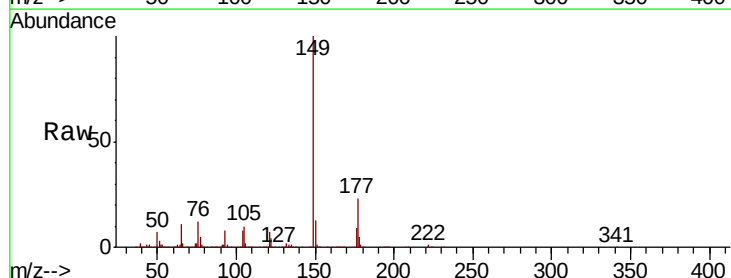


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

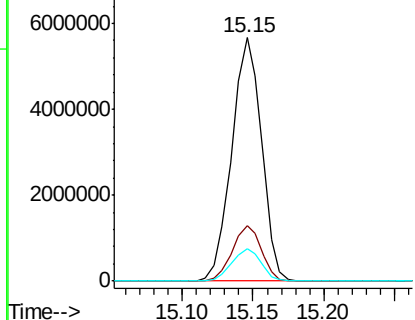
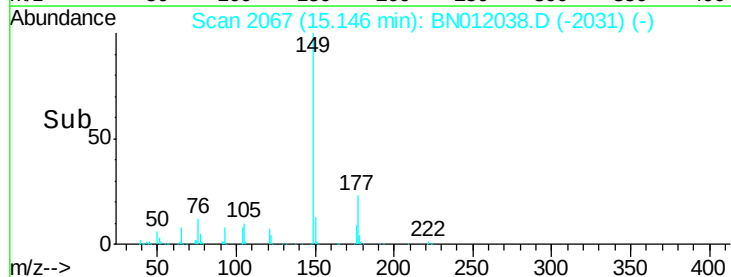


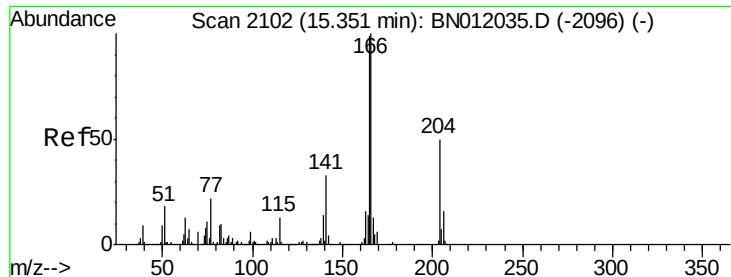
#57  
Diethylphthalate  
Concen: 158.860 ng/ul  
RT: 15.15 min Scan# 2067  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Tgt Ion:149 Resp: 8306431  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.2 27.4  
150 13.4 10.9 16.3



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

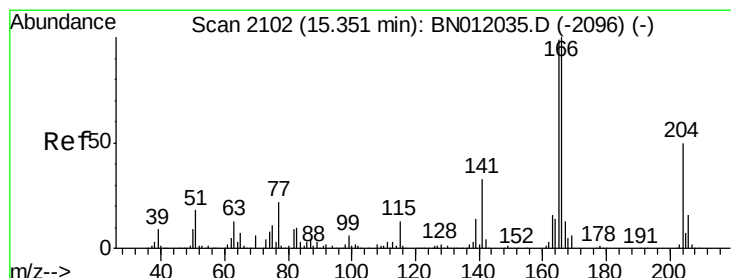
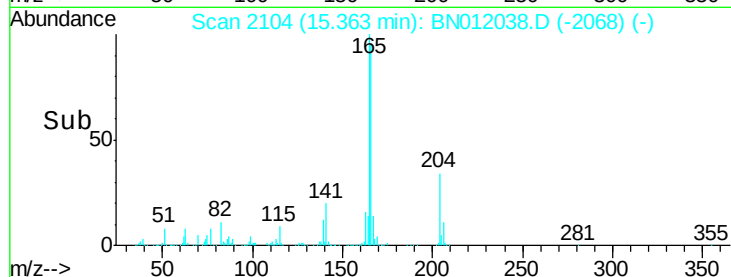
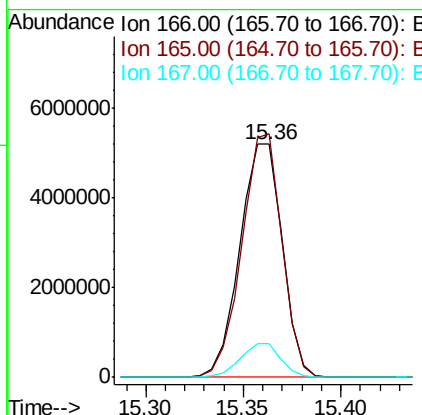
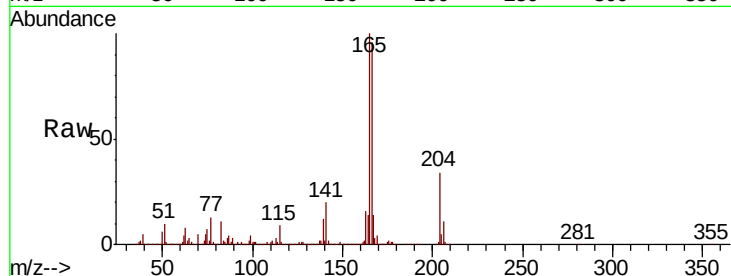




#59  
 Fluorene  
 Concen: 149.841 ng/ul  
 RT: 15.36 min Scan# 2104  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

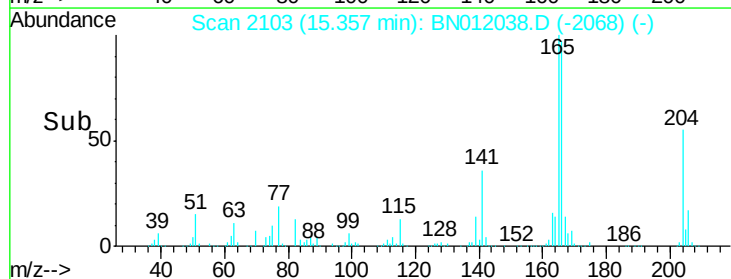
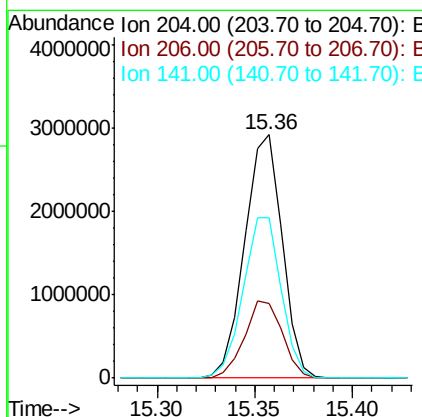
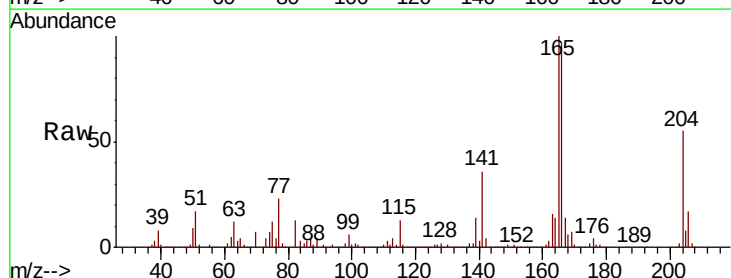
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD16051

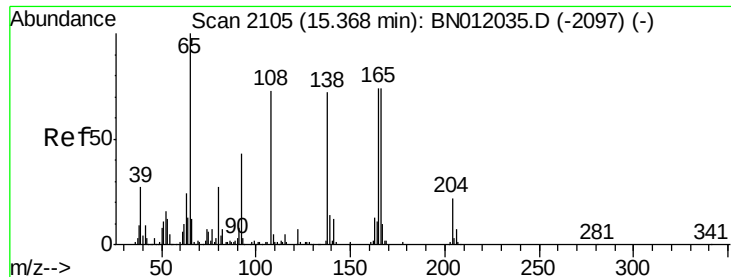
Tot Ion:166 Resp: 7825742  
 Ion Ratio Lower Upper  
 166 100  
 165 104.4 79.0 118.6  
 167 14.4 10.5 15.7



#60  
 4-Chlorophenyl-phenylether  
 Concen: 143.784 ng/ul  
 RT: 15.36 min Scan# 2103  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

Tgt Ion:204 Resp: 3918204  
 Ion Ratio Lower Upper  
 204 100  
 206 30.5 25.5 38.3  
 141 66.0 53.2 79.8

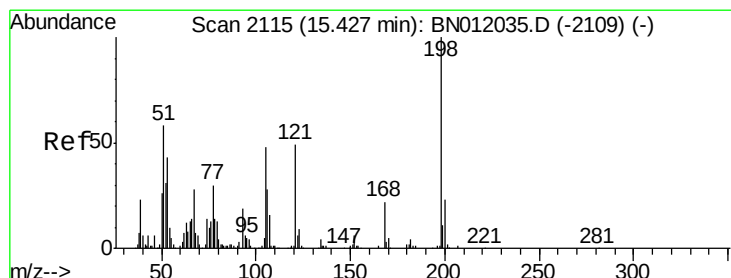
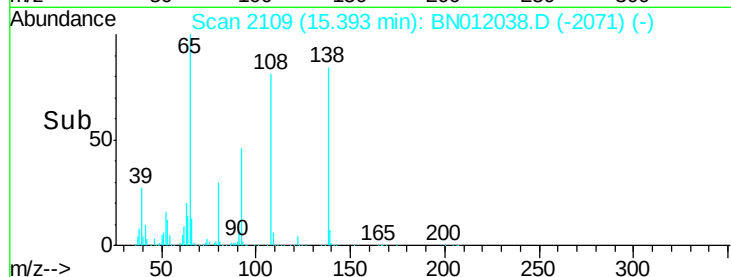
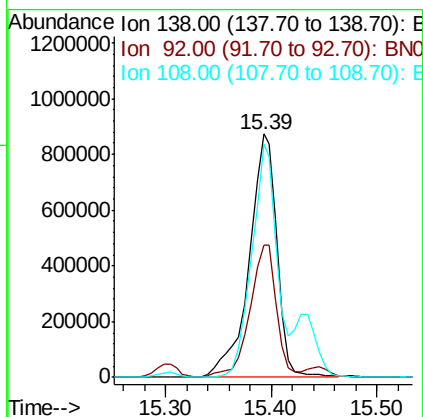
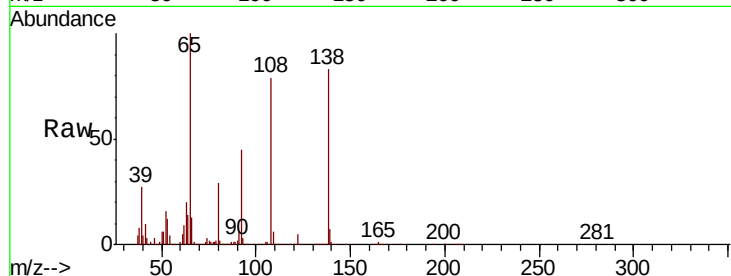




#61  
4-Nitroaniline  
Concen: 166.613 ng/ul  
RT: 15.39 min Scan# 2109  
Delta R.T. 0.02 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

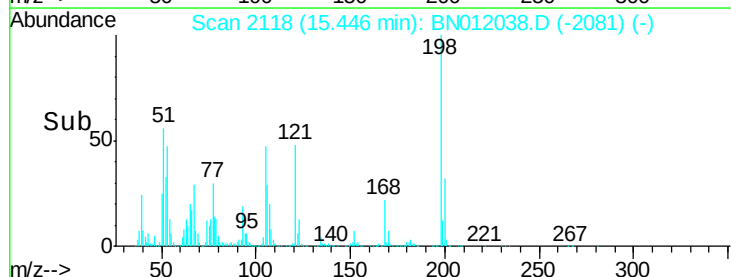
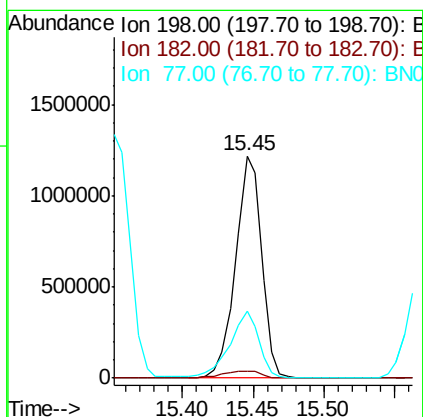
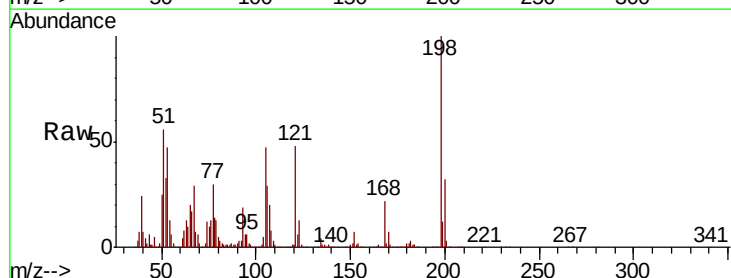
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD16051

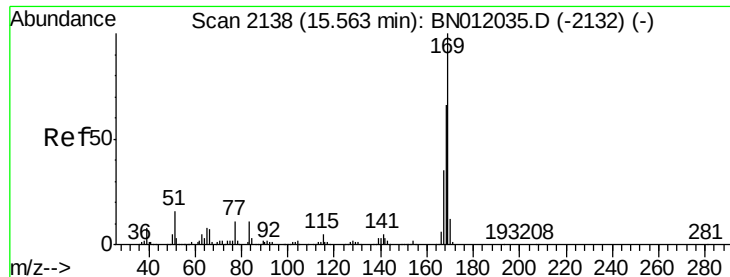
Tot Ion:138 Resp: 1606662  
Ion Ratio Lower Upper  
138 100  
92 54.3 47.1 70.7  
108 95.7 80.7 121.1



#64  
4,6-Dinitro-2-methylphenol  
Concen: 159.775 ng/ul  
RT: 15.45 min Scan# 2118  
Delta R.T. 0.02 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Tgt Ion:198 Resp: 1570295  
Ion Ratio Lower Upper  
198 100  
182 3.1 3.6 5.4#  
77 30.1 24.5 36.7

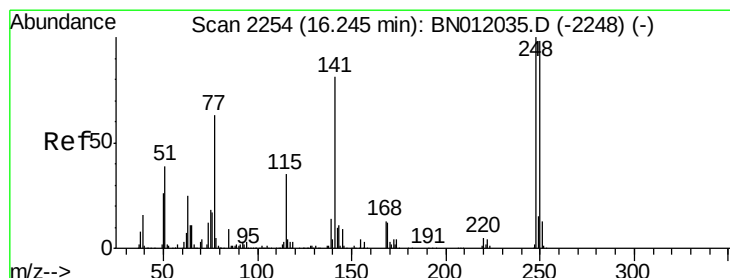
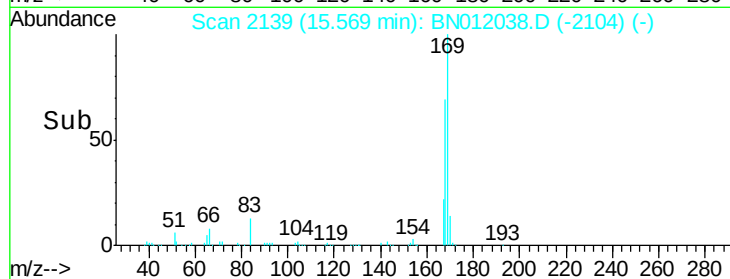
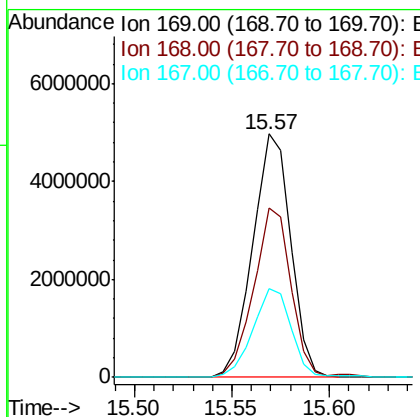
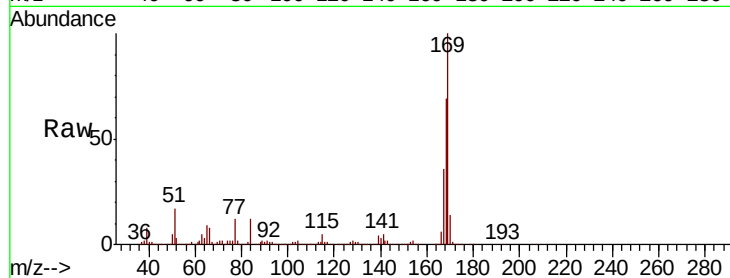




#65  
N-Nitrosodiphenylamine  
Concen: 163.722 ng/ul  
RT: 15.57 min Scan# 2139  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

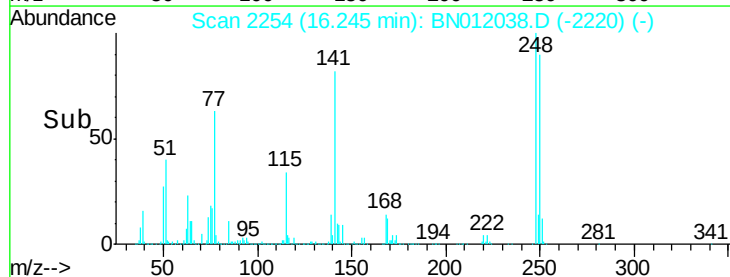
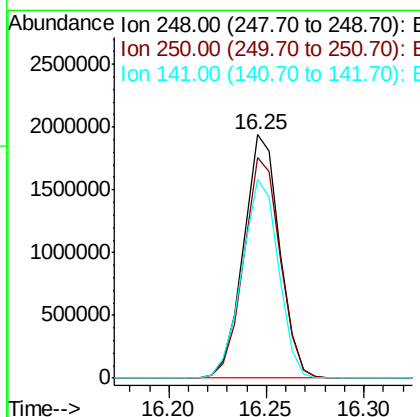
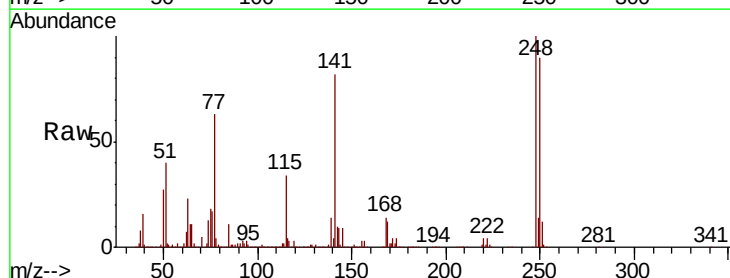
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD16051

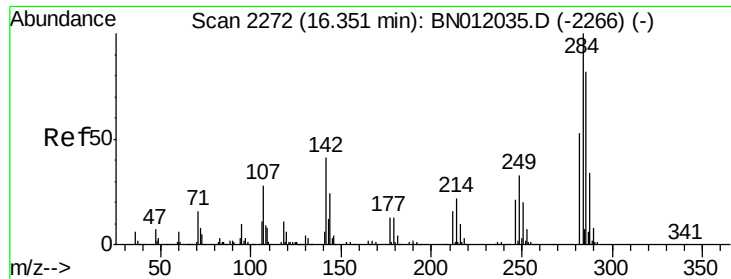
Tot Ion:169 Resp: 6696966  
Ion Ratio Lower Upper  
169 100  
168 69.5 52.8 79.2  
167 36.2 27.8 41.8



#66  
4-Bromophenyl-phenylether  
Concen: 159.123 ng/ul  
RT: 16.25 min Scan# 2254  
Delta R.T. 0.00 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Tgt Ion:248 Resp: 2475205  
Ion Ratio Lower Upper  
248 100  
250 90.5 78.7 118.1  
141 81.8 64.6 96.8

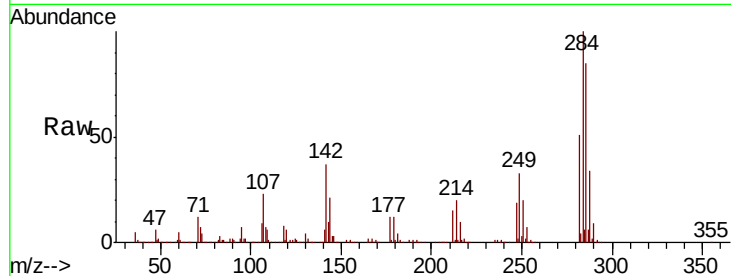




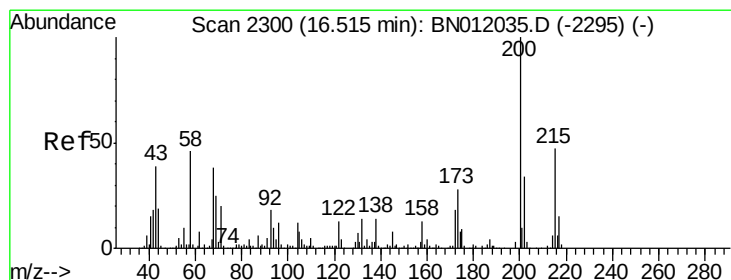
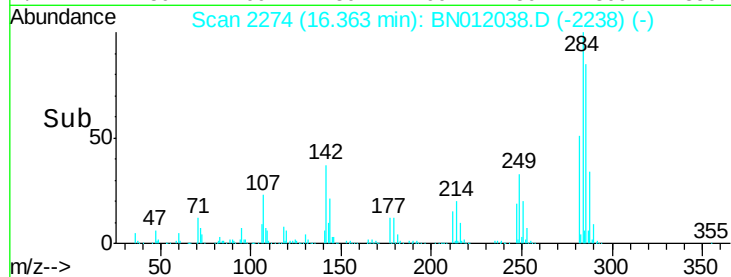
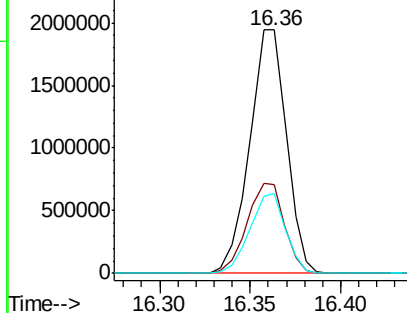
#67  
Hexachlorobenzene  
Concen: 158.897 ng/ul  
RT: 16.36 min Scan# 2274  
Delta R.T. 0.01 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD16051

Tot Ion:284 Resp: 2751097  
Ion Ratio Lower Upper  
284 100  
142 36.6 32.7 49.1  
249 32.9 26.5 39.7

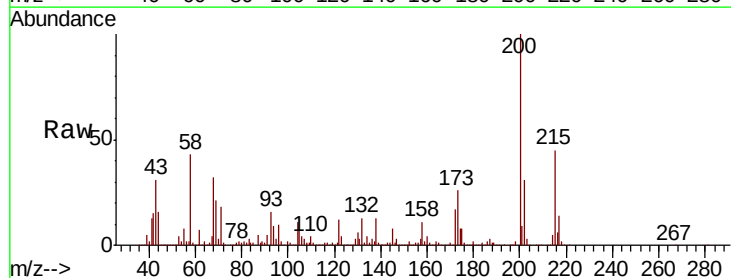


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

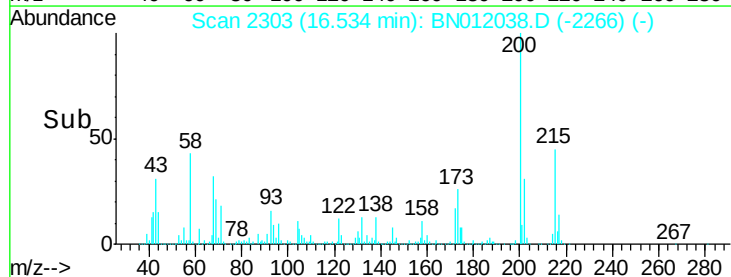
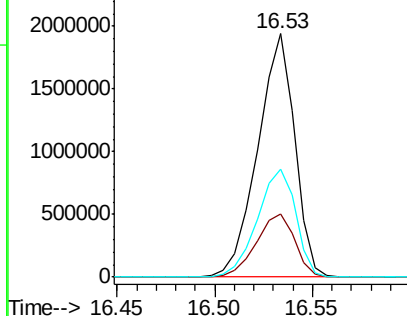


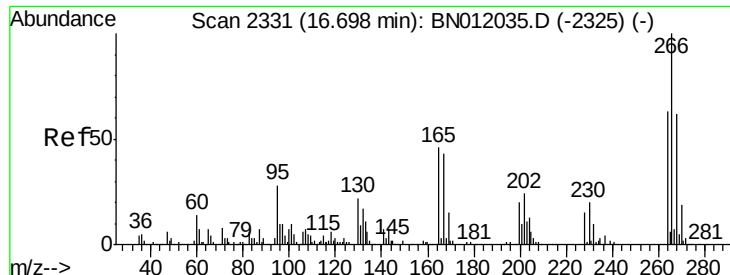
#68  
Atrazine  
Concen: 159.512 ng/ul  
RT: 16.53 min Scan# 2303  
Delta R.T. 0.02 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Tgt Ion:200 Resp: 2540949  
Ion Ratio Lower Upper  
200 100  
173 25.9 22.3 33.5  
215 44.6 37.4 56.0



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

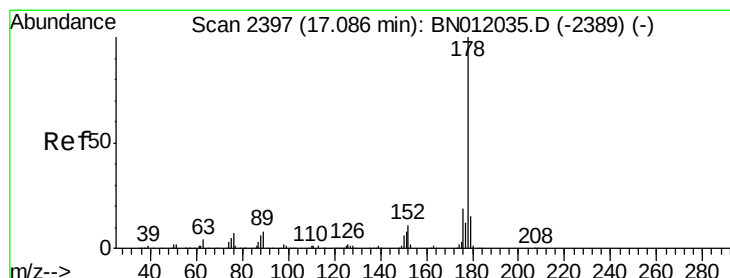
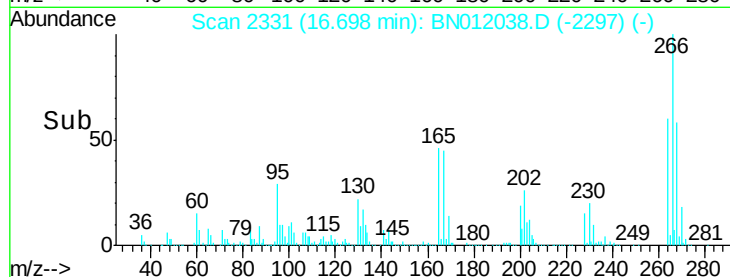
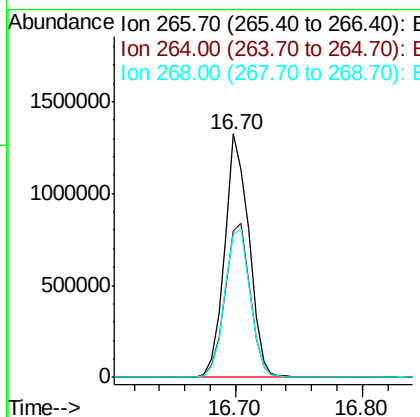
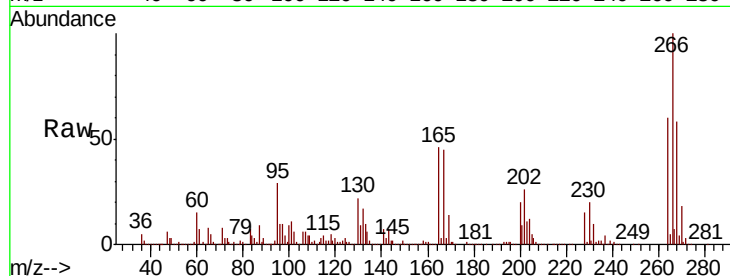




#69  
 Pentachlorophenol  
 Concen: 176.815 ng/ul  
 RT: 16.70 min Scan# 2331  
 Delta R.T. 0.00 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

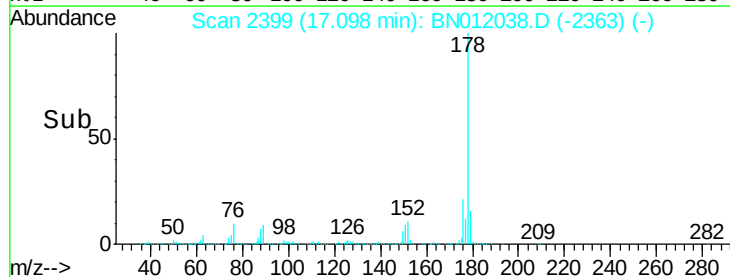
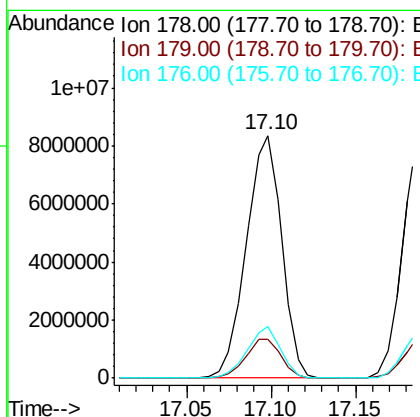
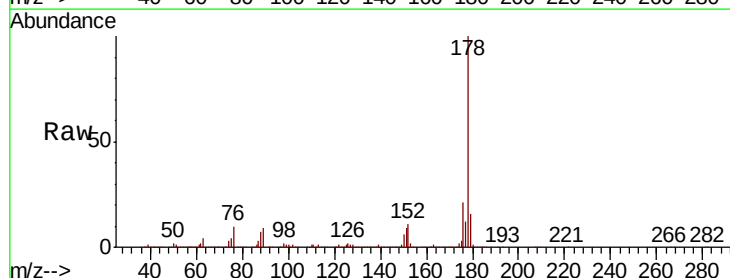
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD16051

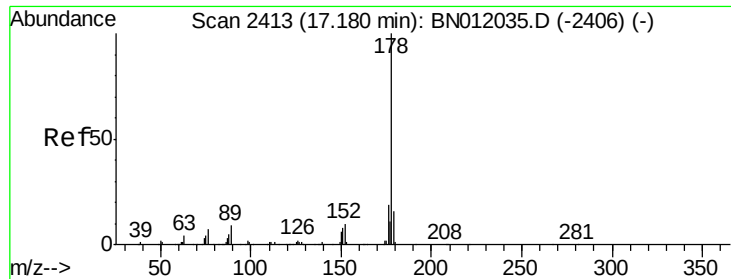
Tot Ion:266 Resp: 1754771  
 Ion Ratio Lower Upper  
 266 100  
 264 60.1 50.6 75.8  
 268 58.5 49.9 74.9



#70  
 Phenanthrene  
 Concen: 150.142 ng/ul  
 RT: 17.10 min Scan# 2399  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

Tgt Ion:178 Resp:12177753  
 Ion Ratio Lower Upper  
 178 100  
 179 16.2 12.2 18.2  
 176 21.2 15.4 23.2

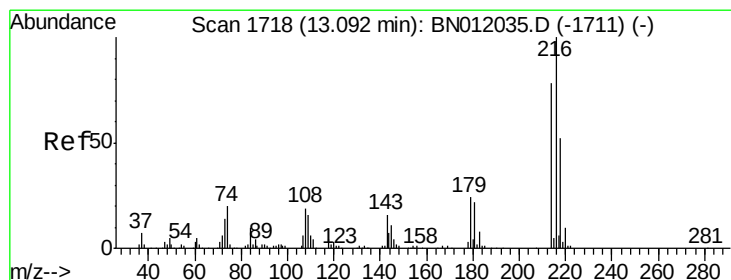
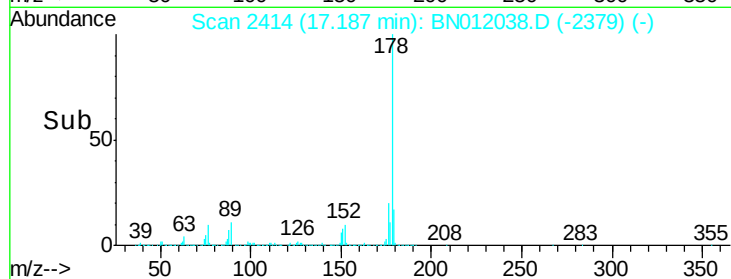
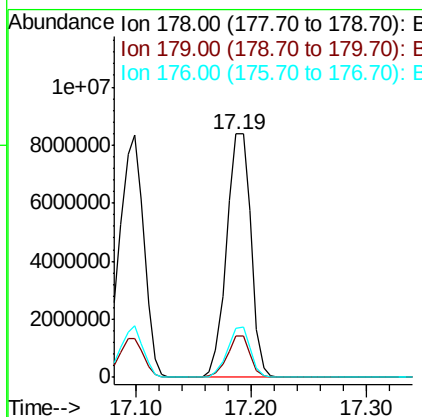
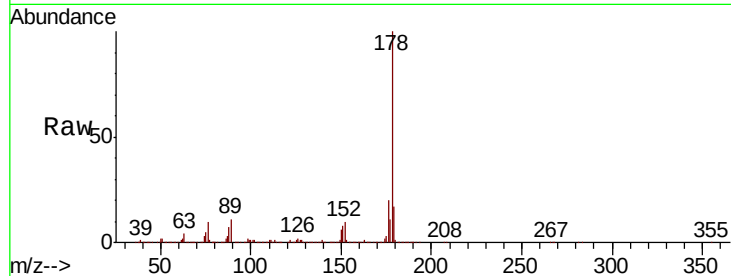




#72  
 Anthracene  
 Concen: 149.138 ng/ul  
 RT: 17.19 min Scan# 2414  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

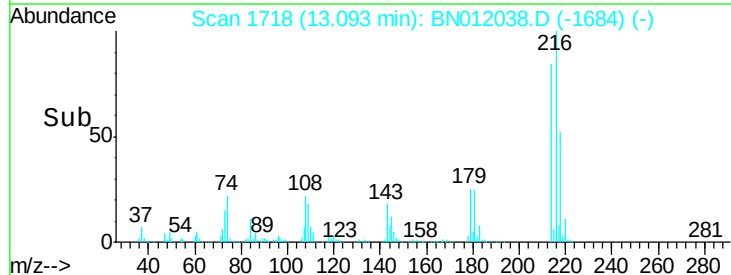
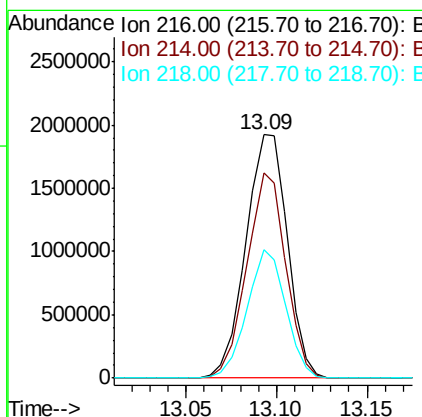
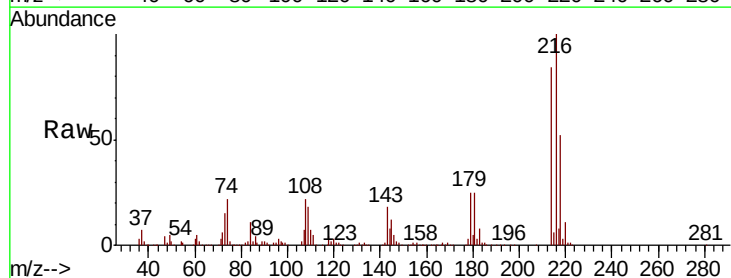
Instrument :  
 BNA\_N  
 ClientSampled :  
 SSTD16051

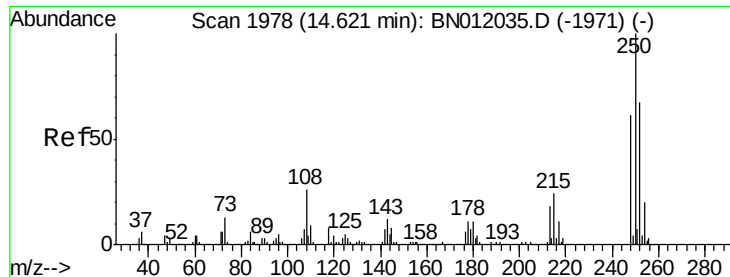
Tot Ion:178 Resp:12251633  
 Ion Ratio Lower Upper  
 178 100  
 179 16.8 12.8 19.2  
 176 20.1 15.0 22.6



#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 141.294 ng/uL  
 RT: 13.09 min Scan# 1718  
 Delta R.T. 0.00 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

Tgt Ion:216 Resp: 3068231  
 Ion Ratio Lower Upper  
 216 100  
 214 84.5 62.2 93.4  
 218 52.5 41.4 62.2





#74

Pentachlorobenzene

Concen: 150.352 ng/uL

RT: 14.63 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Instrument :

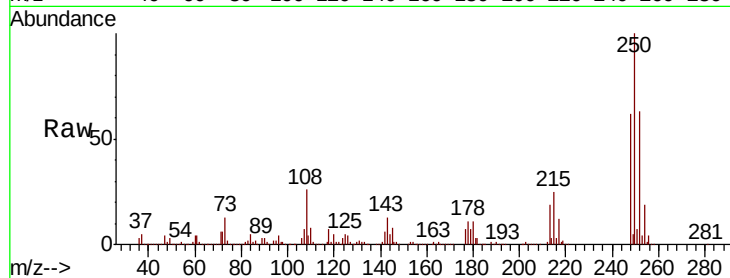
BNA\_N

ClientSampleId :

SSTD16051

Tot Ion:250 Resp: 3128666

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 250 | 100   |       |       |
| 248 | 62.1  | 48.6  | 72.8  |
| 252 | 62.6  | 54.0  | 81.0  |

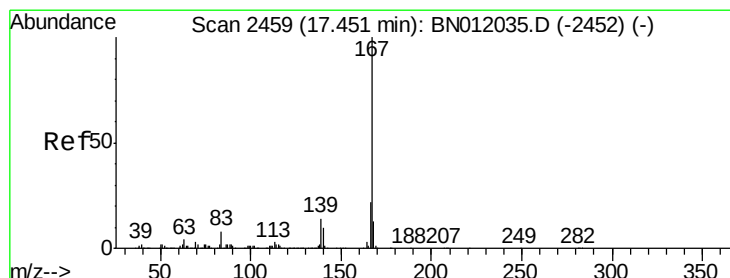
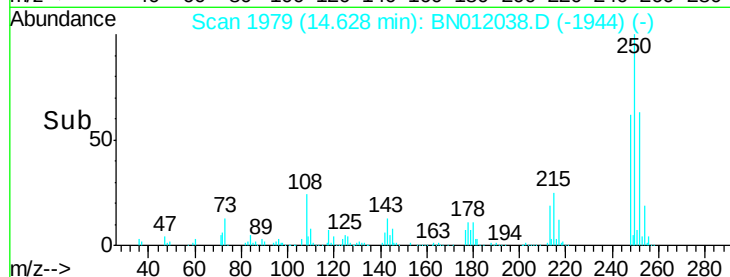
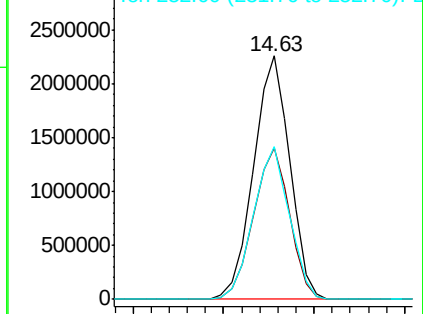


Abundance

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: 161.509 ng/uL

RT: 17.46 min Scan# 2460

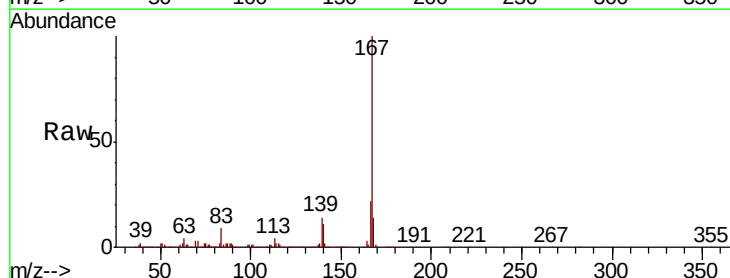
Delta R.T. 0.01 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Tgt Ion:167 Resp:11157980

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.9  | 17.4  | 26.0  |
| 139 | 14.5  | 10.9  | 16.3  |

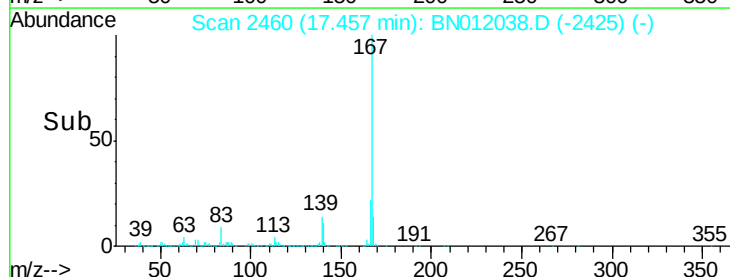
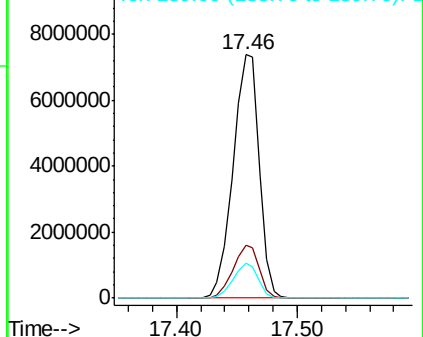


Abundance

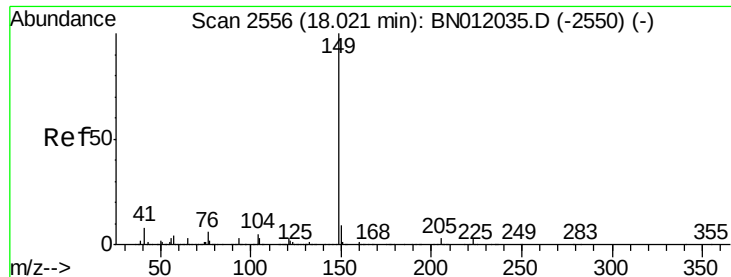
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#76

Di-n-butylphthalate

Concen: 159.091 ng/ul

RT: 18.02 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Instrument :

BNA\_N

ClientSampled :

SSTD16051

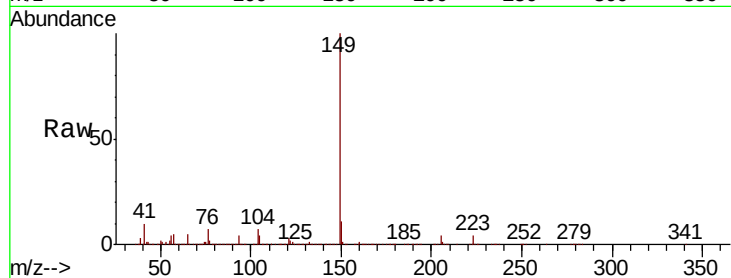
Tot Ion:149 Resp:12495286

Ion Ratio Lower Upper

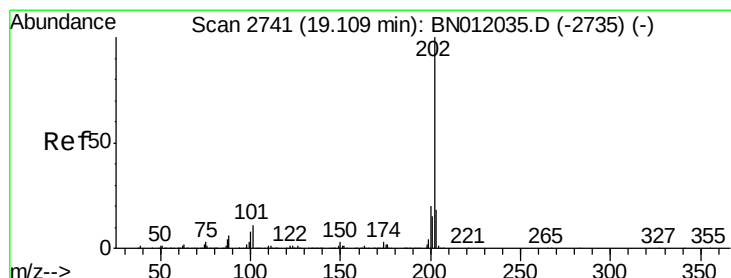
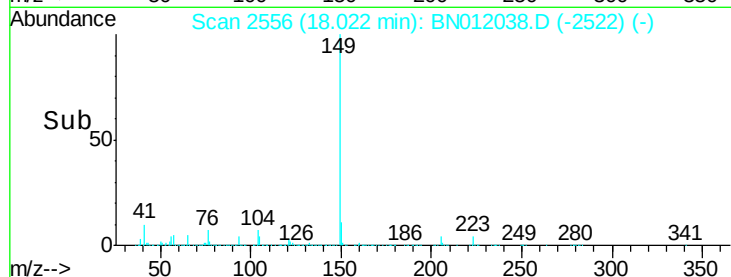
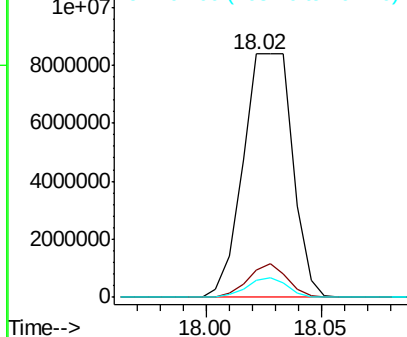
149 100

150 11.4 7.0 10.6#

104 6.8 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 133.230 ng/ul

RT: 19.12 min Scan# 2742

Delta R.T. 0.01 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

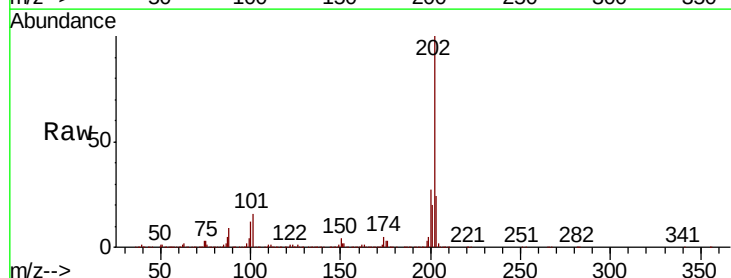
Tgt Ion:202 Resp:13222926

Ion Ratio Lower Upper

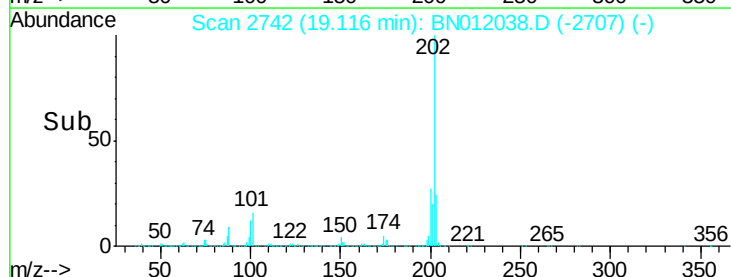
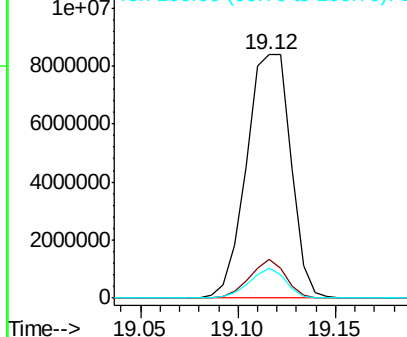
202 100

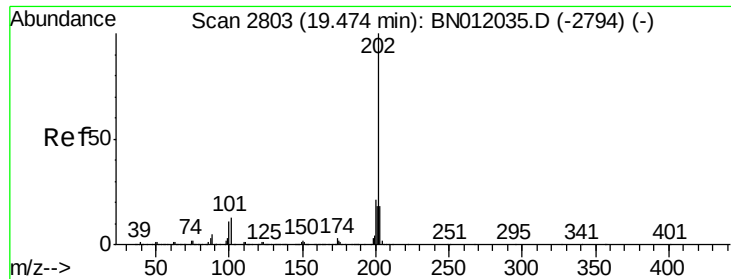
101 16.2 8.6 13.0#

100 12.4 6.6 9.8#



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

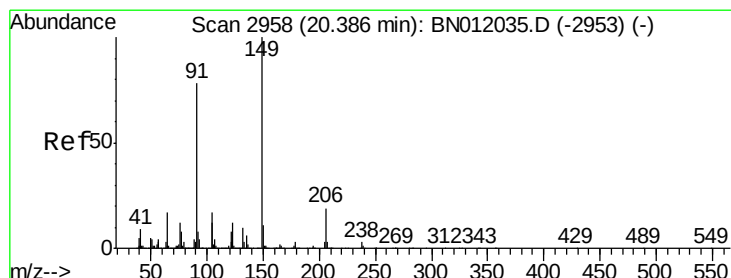
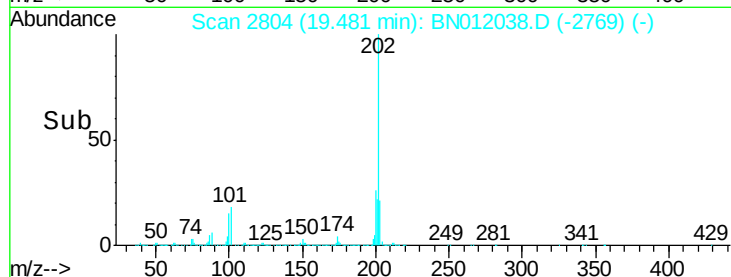
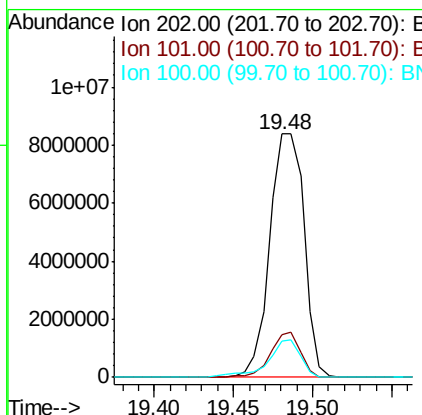
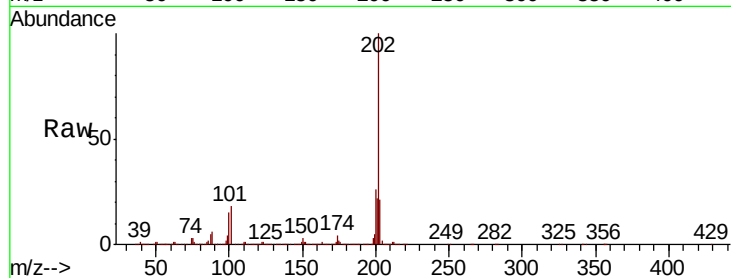




#80  
 Pvrene  
 Concen: 137.351 ng/ul  
 RT: 19.48 min Scan# 2804  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

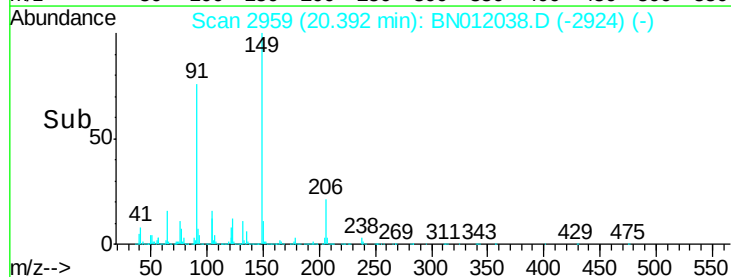
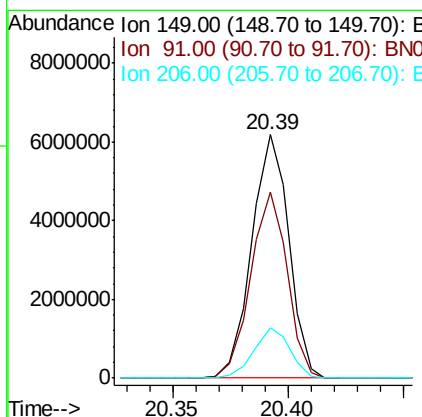
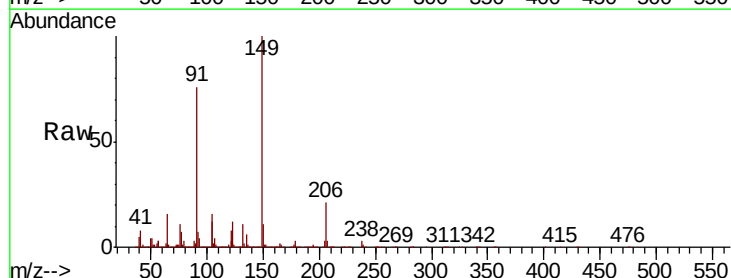
Instrument :  
 BNA\_N  
 ClientSampled :  
 SSTD16051

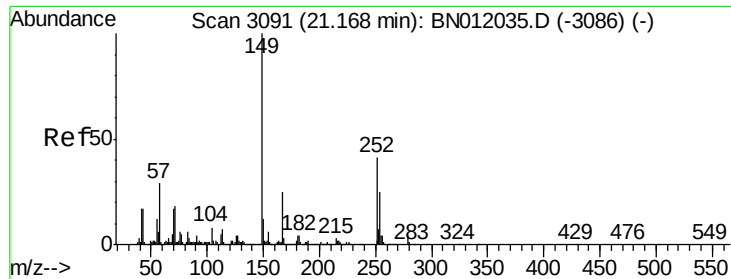
Tot Ion:202 Resp:12662982  
 Ion Ratio Lower Upper  
 202 100  
 101 17.5 10.2 15.2#  
 100 14.9 8.8 13.2#



#81  
 Butylbenzylphthalate  
 Concen: 222.975 ng/ul  
 RT: 20.39 min Scan# 2959  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

Tgt Ion:149 Resp: 6935070  
 Ion Ratio Lower Upper  
 149 100  
 91 76.4 62.0 93.0  
 206 20.8 15.4 23.0



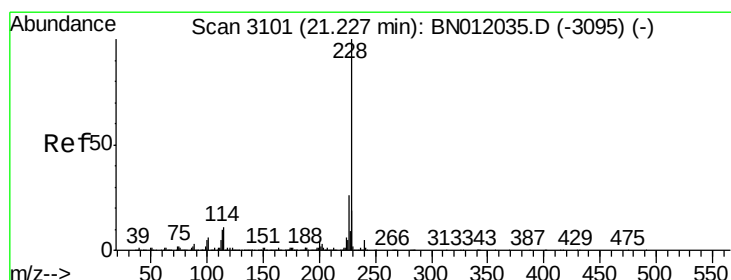
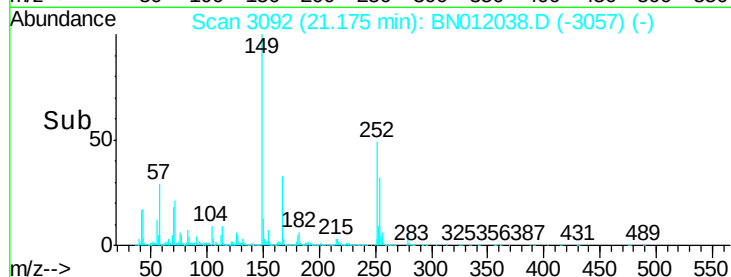
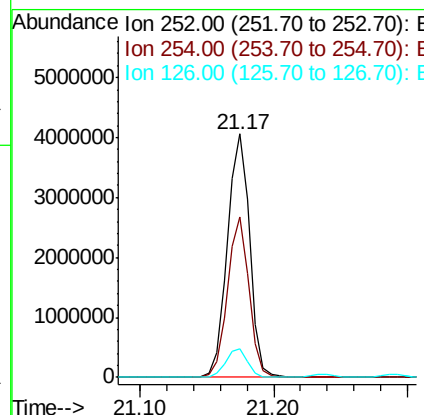
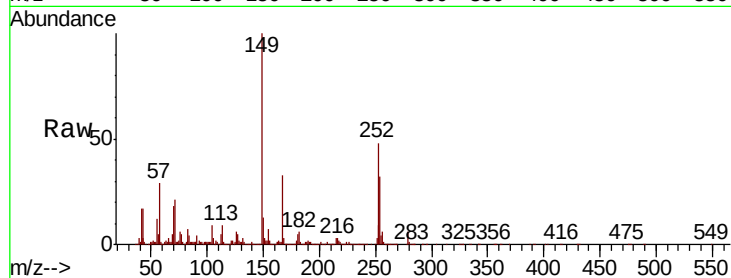


#82  
 3,3'-Dichlorobenzidine  
 Concen: 184.143 ng/ul  
 RT: 21.17 min Scan# 3092  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

Instrument :  
 BNA\_N  
 ClientSampled :  
 SSTD16051

Tot Ion:252 Resp: 4811034  

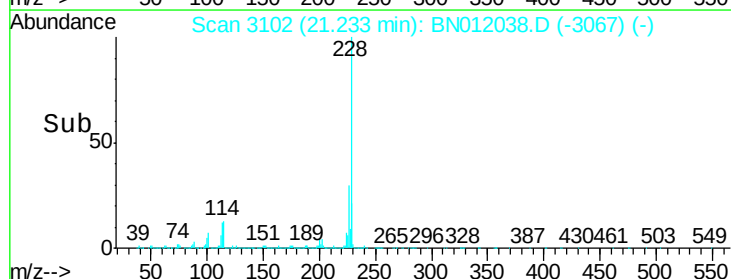
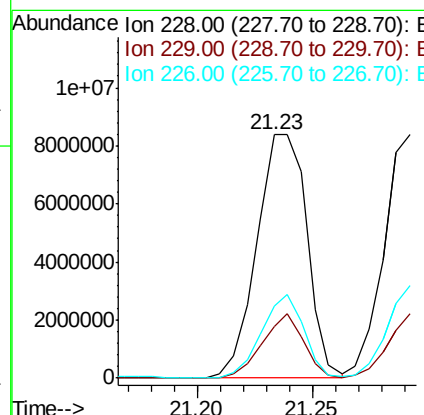
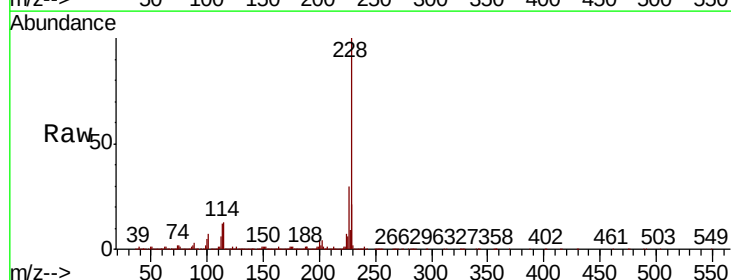
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 66.1  | 49.2  | 73.8  |
| 126 | 11.6  | 8.4   | 12.6  |

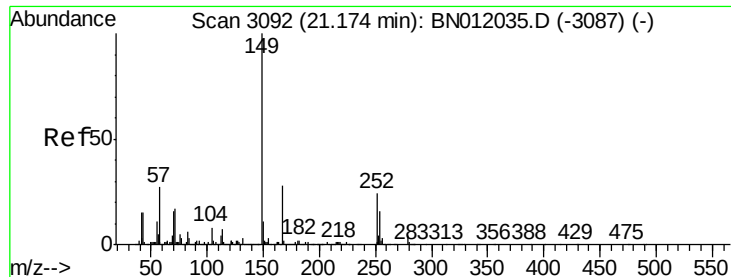


#83  
 Benzo(a)anthracene  
 Concen: 144.756 ng/ul  
 RT: 21.23 min Scan# 3102  
 Delta R.T. 0.01 min  
 Lab File: BN012038.D  
 Acq: 02 Oct 2020 14:31

Tgt Ion:228 Resp:12617108  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 21.2  | 15.4  | 23.2  |
| 226 | 29.7  | 21.2  | 31.8  |





#84

Bis(2-ethylhexyl)phthalate

Concen: 207.182 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Instrument :

BNA\_N

ClientSampled :

SSTD16051

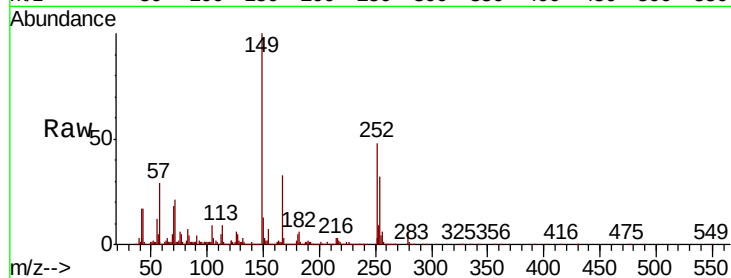
Tot Ion:149 Resp: 9717290

Ion Ratio Lower Upper

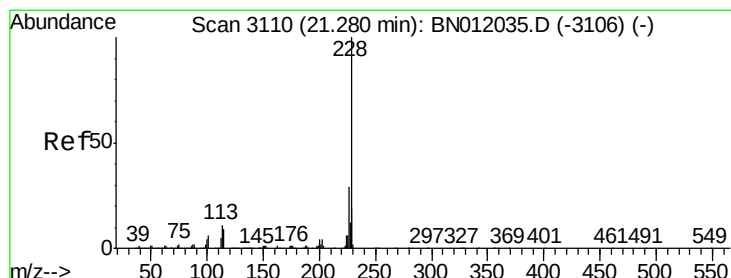
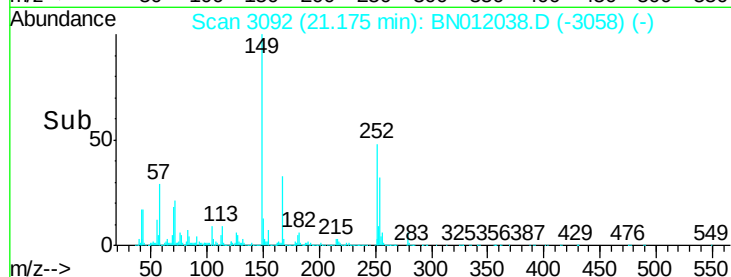
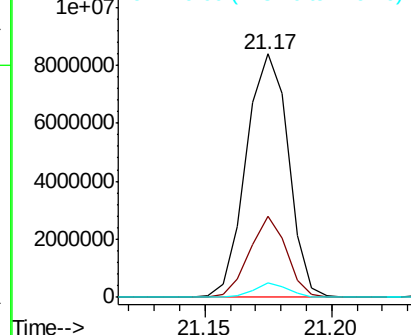
149 100

167 33.5 22.0 33.0#

279 5.8 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 145.732 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.05 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

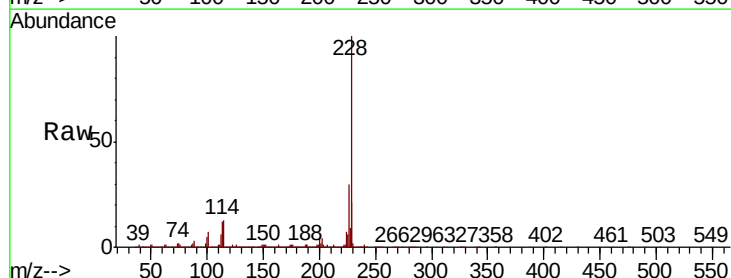
Tgt Ion:228 Resp:12617108

Ion Ratio Lower Upper

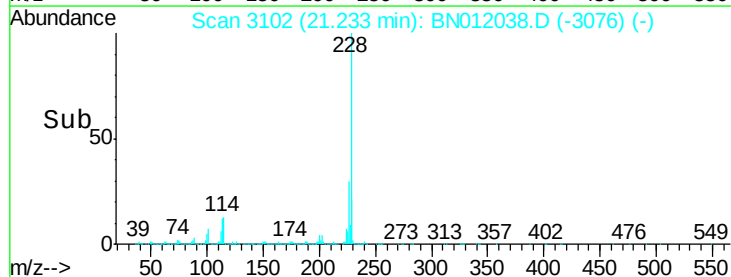
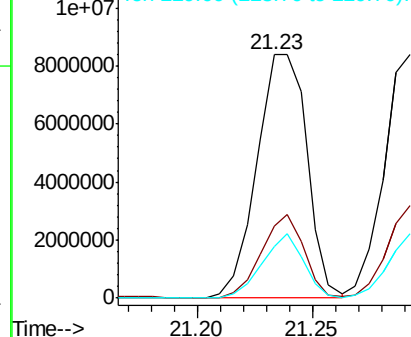
228 100

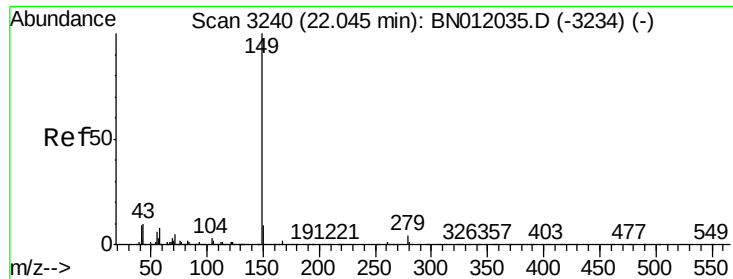
226 29.7 23.3 34.9

229 21.2 15.0 22.4



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: 153.676 ng/ul

RT: 22.05 min Scan# 3240

Delta R.T. 0.00 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

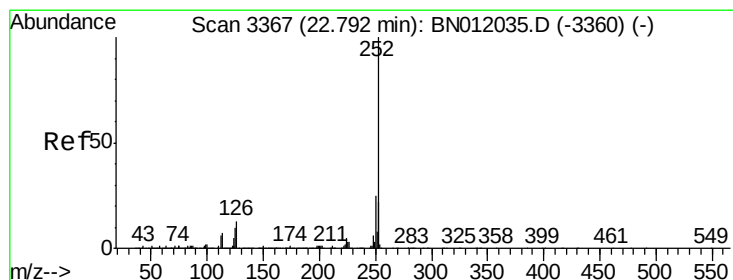
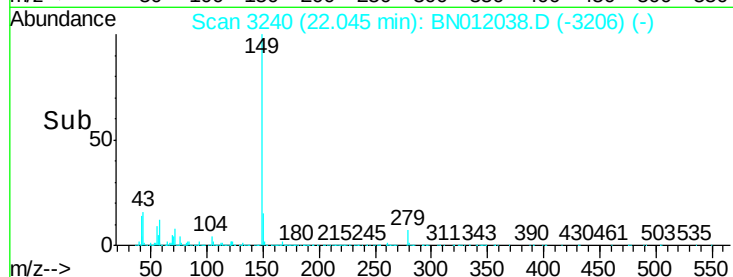
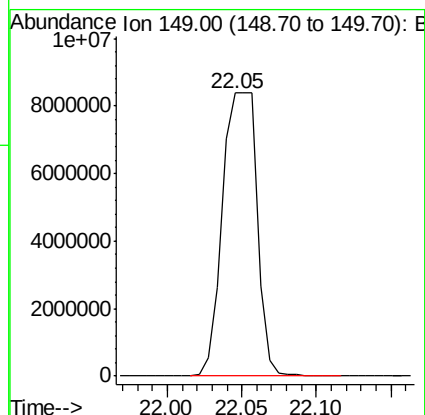
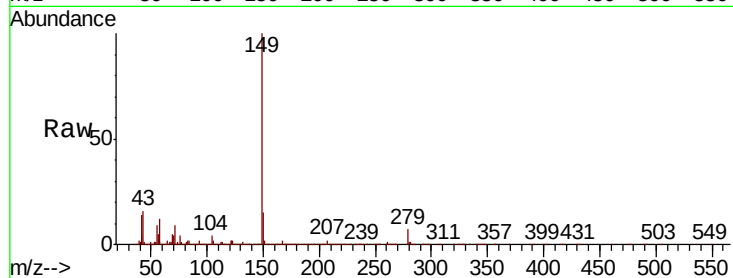
Instrument :

BNA\_N

ClientSampleId :

SSTD16051

Tgt Ion:149 Resp:13636889



#88

Benzo(b)fluoranthene

Concen: 151.281 ng/ul

RT: 22.81 min Scan# 3370

Delta R.T. 0.02 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

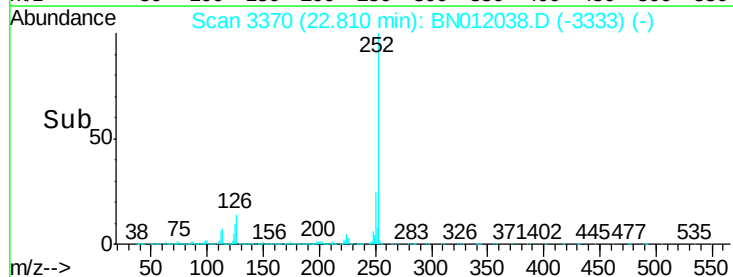
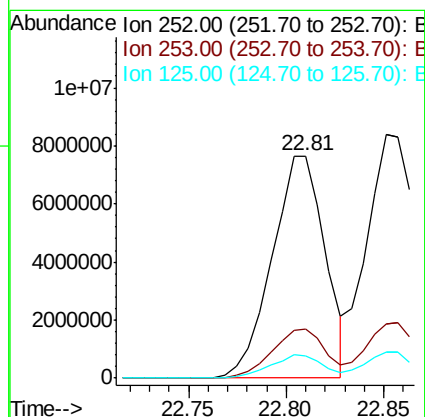
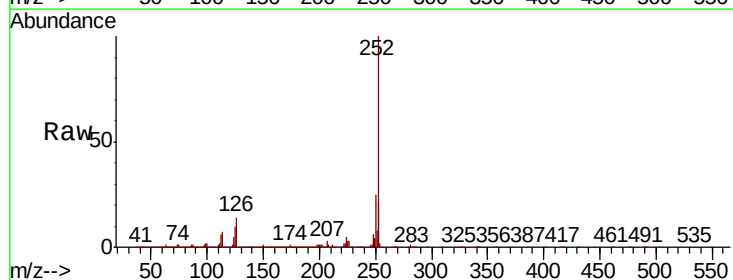
Tgt Ion:252 Resp:14353396

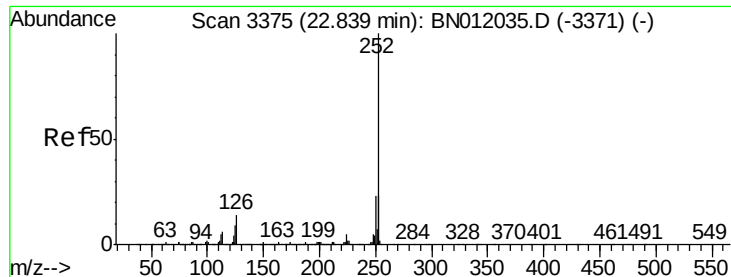
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 10.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 148.554 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Instrument :

BNA\_N

ClientSampled :

SSTD16051

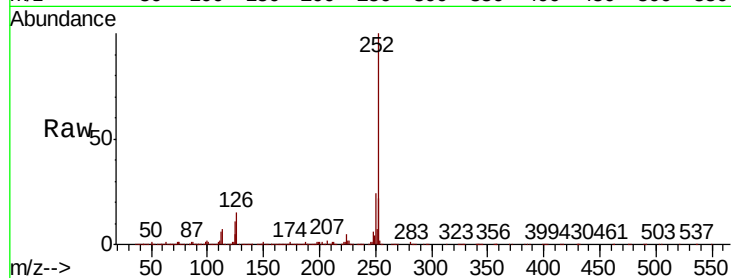
Tot Ion:252 Resp:13998369

Ion Ratio Lower Upper

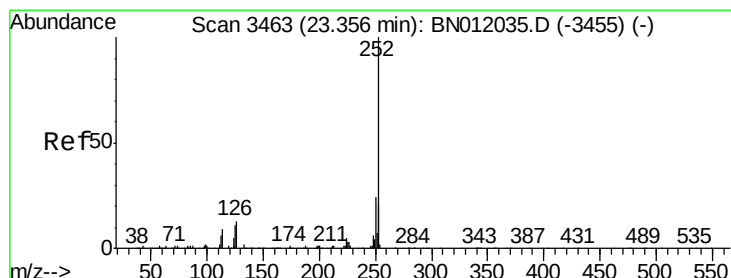
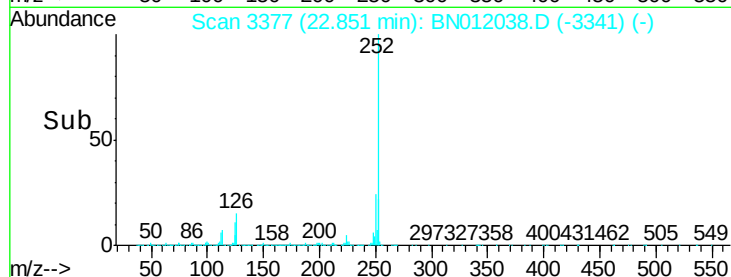
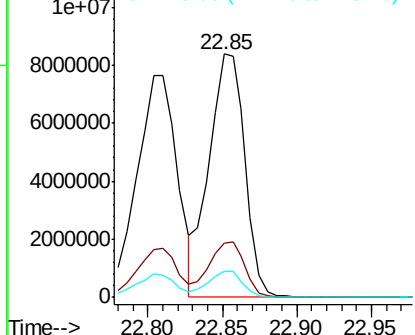
252 100

253 22.2 18.1 27.1

125 10.7 7.7 11.5



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: 149.672 ng/ul

RT: 23.38 min Scan# 3467

Delta R.T. 0.02 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

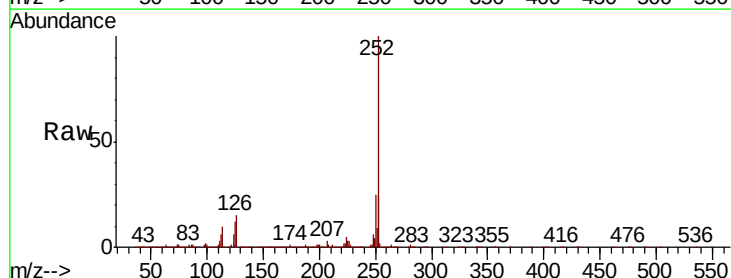
Tgt Ion:252 Resp:13084175

Ion Ratio Lower Upper

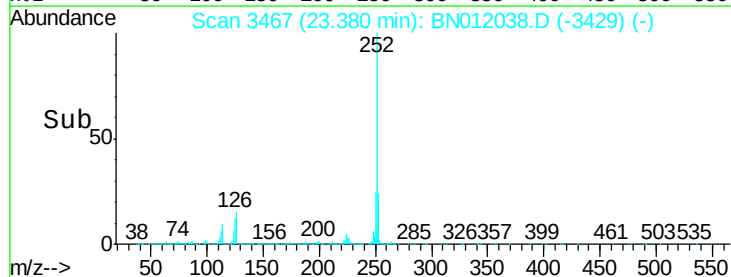
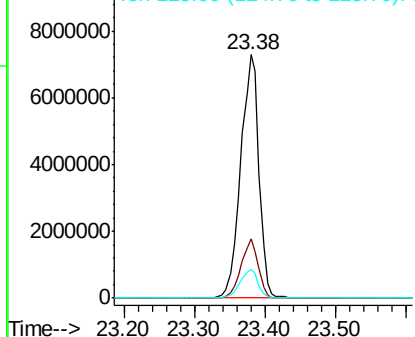
252 100

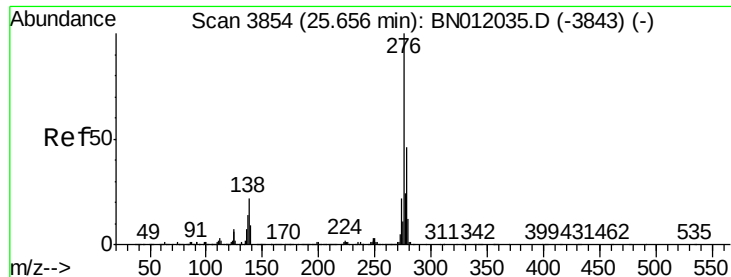
253 24.5 16.6 24.8

125 11.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



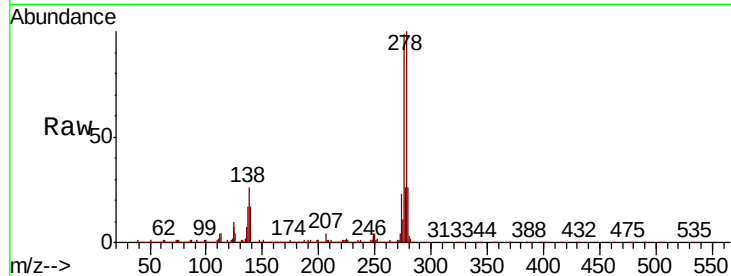


#92

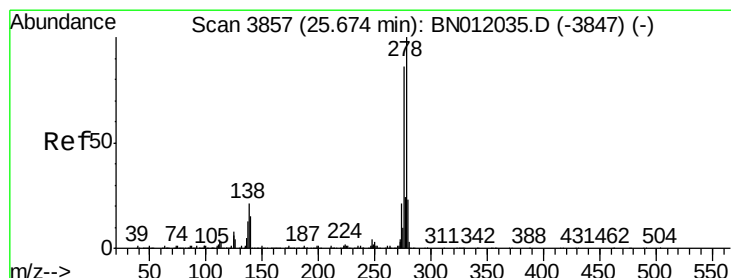
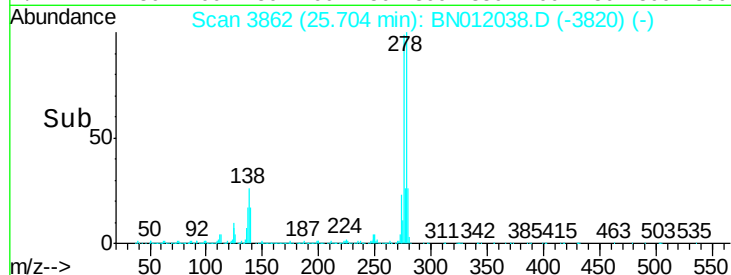
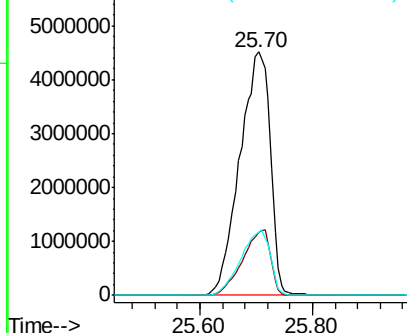
Indeno(1,2,3-cd)pyrene  
Concen: 151.733 ng/ul  
RT: 25.70 min Scan# 3862  
Delta R.T. 0.05 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD16051

Tot Ion:276 Resp:17000873  
Ion Ratio Lower Upper  
276 100  
138 25.9 17.4 26.2  
277 25.8 19.0 28.4



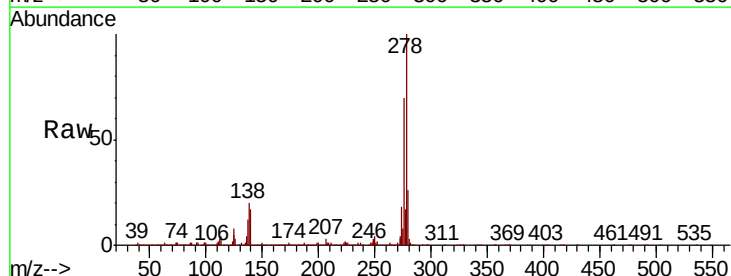
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



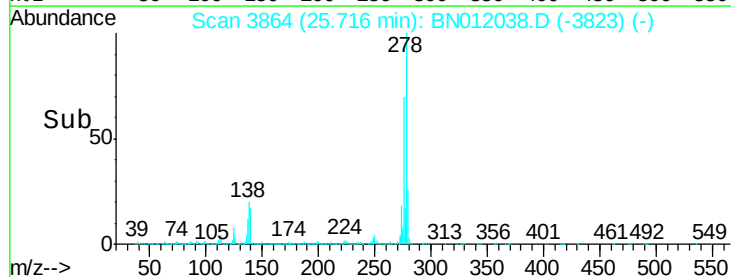
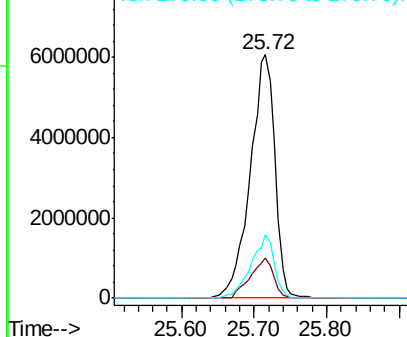
#93

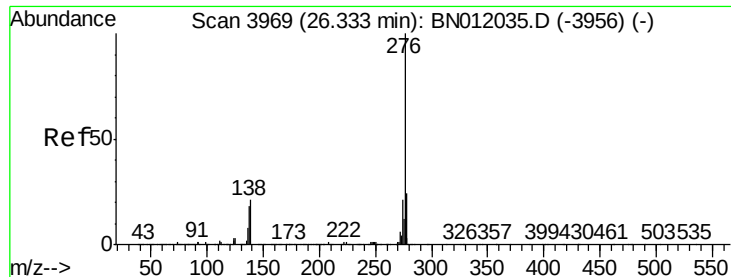
Dibenzo(a,h)anthracene  
Concen: 153.084 ng/ul  
RT: 25.72 min Scan# 3864  
Delta R.T. 0.04 min  
Lab File: BN012038.D  
Acq: 02 Oct 2020 14:31

Tgt Ion:278 Resp:14360178  
Ion Ratio Lower Upper  
278 100  
139 16.5 12.2 18.2  
279 25.8 18.2 27.4



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: 155.254 ng/ul

RT: 26.39 min Scan# 3978

Delta R.T. 0.05 min

Lab File: BN012038.D

Acq: 02 Oct 2020 14:31

Instrument :

BNA\_N

ClientSampleId :

SSTD16051

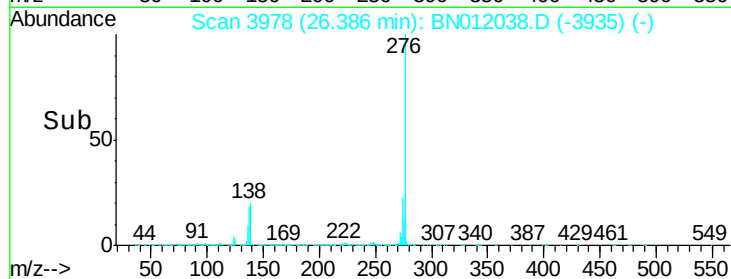
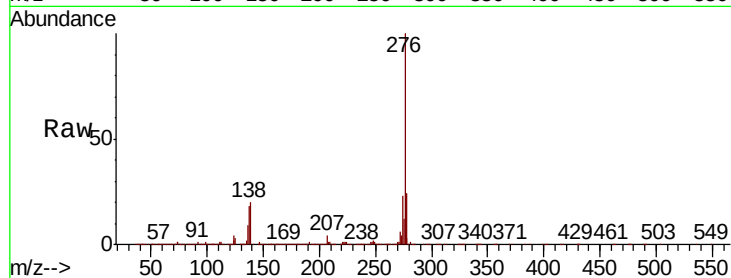
Tot Ion:276 Resp:14421125

Ion Ratio Lower Upper

276 100

138 20.2 16.7 25.1

277 24.4 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

6000000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

