

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022820\  
 Data File : BP001950.D  
 Acq On : 28 Feb 2020 18:41  
 Operator : CG/JU  
 Sample : L5695-07  
 Misc : ME-MDL-07  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Feb 29 03:32:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 27 14:59:37 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 280205   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 1116476  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.27 | 164  | 710020   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.03 | 188  | 1554313  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.13 | 240  | 1561503  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.33 | 264  | 1770701  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 30092   | 4.62  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 646189  | 30.23 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 362922  | 32.07 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 573906  | 31.04 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.35  | 113 | 521184  | 29.67 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 261855  | 30.53 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 288713  | 29.92 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.04 | 165 | 545717  | 29.36 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 749204  | 36.77 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.69 | 166 | 1730104 | 32.20 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.97 | 160 | 2092403 | 32.56 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.47 | 143 | 263191  | 25.62 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.27 | 176 | 1474927 | 31.72 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 229056  | 26.73 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.13 | 188 | 2294945 | 32.85 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.37 | 212 | 2625337 | 32.12 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.20 | 264 | 2784058 | 30.73 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 2) 1,4-Dioxane                 | 3.20  | 88  | 7261   | 1.045 | ng/uL 92  |
| 4) Benzaldehyde                | 6.79  | 77  | 50742  | 4.040 | ng/ul 99  |
| 6) Phenol                      | 6.85  | 94  | 77284  | 3.483 | ng/ul 99  |
| 8) Bis(2-Chloroethyl)ether     | 7.07  | 93  | 63019  | 3.619 | ng/ul 98  |
| 10) 2-Chlorophenol             | 7.21  | 128 | 66728  | 3.520 | ng/ul 99  |
| 11) 2-Methylphenol             | 8.09  | 108 | 53148  | 3.063 | ng/ul 98  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.18  | 45  | 68021  | 3.660 | ng/ul 98  |
| 14) Acetophenone               | 8.45  | 105 | 91286  | 3.524 | ng/ul 99  |
| 15) N-Nitroso-di-n-propylamine | 8.45  | 70  | 40286  | 3.264 | ng/ul 95  |
| 16) 4-Methylphenol             | 8.41  | 108 | 61818  | 3.335 | ng/ul 99  |
| 17) Hexachloroethane           | 8.72  | 117 | 25587  | 3.397 | ng/ul 95  |
| 20) Nitrobenzene               | 8.82  | 77  | 66739  | 3.492 | ng/ul 97  |
| 21) Isophorone                 | 9.35  | 82  | 111818 | 3.084 | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.53  | 139 | 36005  | 3.430 | ng/ul 99  |
| 24) 2,4-Dimethylphenol         | 9.60  | 107 | 65036  | 3.324 | ng/ul 97  |
| 25) Bis(2-Chloroethoxy)methane | 9.84  | 93  | 82051  | 3.574 | ng/ul 100 |
| 27) 2,4-Dichlorophenol         | 10.06 | 162 | 63794  | 3.452 | ng/ul# 86 |
| 28) Naphthalene                | 10.46 | 128 | 219501 | 3.670 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.57 | 127 | 80774  | 3.988 | ng/ul 100 |
| 31) Hexachlorobutadiene        | 10.77 | 225 | 46503  | 3.649 | ng/ul 98  |
| 32) Caprolactam                | 11.33 | 113 | 10855  | 1.788 | ng/ul 91  |
| 33) 4-Chloro-3-methylphenol    | 11.71 | 107 | 50758  | 2.764 | ng/ul 97  |
| 34) 2-Methylnaphthalene        | 12.08 | 142 | 149718 | 3.564 | ng/ul 99  |

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.30 | 142  | 158941   | 3.810 | ng/ul  | 98       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216  | 87341    | 3.690 | ng/ul  | 99       |
| 38) Hexachlorocyclopentadiene  | 12.45 | 237  | 36570    | 2.636 | ng/ul  | 96       |
| 39) 2,4,6-Trichlorophenol      | 12.70 | 196  | 43043    | 2.764 | ng/ul  | 97       |
| 40) 2,4,5-Trichlorophenol      | 12.77 | 196  | 48244    | 2.938 | ng/ul  | 99       |
| 41) 1,1'-Biphenyl              | 13.11 | 154  | 206746   | 3.743 | ng/ul  | 99       |
| 42) 2-Chloronaphthalene        | 13.15 | 162  | 161815   | 3.706 | ng/ul  | 99       |
| 43) 2-Nitroaniline             | 13.35 | 65   | 23581    | 2.268 | ng/ul  | 100      |
| 45) Dimethylphthalate          | 13.74 | 163  | 202356   | 3.648 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 13.85 | 165  | 28832    | 2.561 | ng/ul  | 94       |
| 48) Acenaphthylene             | 13.99 | 152  | 252082   | 3.699 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.18 | 138  | 27081    | 2.600 | ng/ul  | 99       |
| 50) Acenaphthene               | 14.34 | 153  | 170306   | 3.717 | ng/ul  | 99       |
| 51) 2,4-Dinitrophenol          | 14.39 | 184  | 9125     | 1.420 | ng/ul  | 89       |
| 53) 4-Nitrophenol              | 14.49 | 109  | 22240    | 2.998 | ng/ul  | 94       |
| 54) Dibenzofuran               | 14.68 | 168  | 248252   | 3.837 | ng/ul  | 99       |
| 55) 2,4-Dinitrotoluene         | 14.65 | 165  | 46334    | 2.874 | ng/ul  | 98       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.91 | 232  | 43832    | 2.914 | ng/ul  | 98       |
| 57) Diethylphthalate           | 15.12 | 149  | 188985   | 3.452 | ng/ul  | 99       |
| 59) Fluorene                   | 15.33 | 166  | 200445   | 3.876 | ng/ul  | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.33 | 204  | 104970   | 3.852 | ng/ul  | 97       |
| 61) 4-Nitroaniline             | 15.35 | 138  | 30102    | 2.759 | ng/ul  | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.41 | 198  | 28322    | 3.035 | ng/ul# | 89       |
| 65) N-Nitrosodiphenylamine     | 15.55 | 169  | 163409   | 3.693 | ng/ul  | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.23 | 248  | 63359    | 3.557 | ng/ul  | 96       |
| 67) Hexachlorobenzene          | 16.35 | 284  | 76264    | 3.771 | ng/ul  | 99       |
| 68) Atrazine                   | 16.50 | 200  | 53599    | 3.067 | ng/ul  | 99       |
| 69) Pentachlorophenol          | 16.69 | 266  | 28153    | 2.254 | ng/ul  | 99       |
| 70) Phenanthrene               | 17.07 | 178  | 324793   | 3.793 | ng/ul  | 99       |
| 72) Anthracene                 | 17.16 | 178  | 324180   | 3.824 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.07 | 216  | 98334    | 3.938 | ng/uL  | 99       |
| 74) Pentachlorobenzene         | 14.60 | 250  | 88916    | 3.606 | ng/uL  | 99       |
| 75) Carbazole                  | 17.43 | 167  | 254116   | 3.560 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.02 | 149  | 256240   | 2.800 | ng/ul  | 100      |
| 77) Fluoranthene               | 19.05 | 202  | 358861   | 3.633 | ng/ul  | 99       |
| 80) Pvrene                     | 19.40 | 202  | 406437   | 3.823 | ng/ul  | 99       |
| 81) Butylbenzylphthalate       | 20.29 | 149  | 91485    | 2.121 | ng/ul  | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.05 | 252  | 90946    | 2.551 | ng/ul  | 99       |
| 83) Benzo(a)anthracene         | 21.11 | 228  | 384356   | 3.638 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 158713   | 2.507 | ng/ul  | 98       |
| 85) Chrysene                   | 21.16 | 228  | 390944   | 3.879 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 21.93 | 149  | 237510   | 2.274 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.67 | 252  | 363130   | 3.270 | ng/ul  | 99       |
| 89) Benzo(k)fluoranthene       | 22.72 | 252  | 397865   | 3.660 | ng/ul  | 100      |
| 91) Benzo(a)pyrene             | 23.24 | 252  | 363539   | 3.606 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.56 | 276  | 425543   | 3.257 | ng/ul  | 99       |
| 93) Dibenzo(a,h)anthracene     | 25.57 | 278  | 361652   | 3.348 | ng/ul  | 99       |
| 94) Benzo(a,h,i)perylene       | 26.24 | 276  | 356892   | 3.236 | ng/ul  | 99       |

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Instrument :  
BNA\_P  
ClientSampleId :

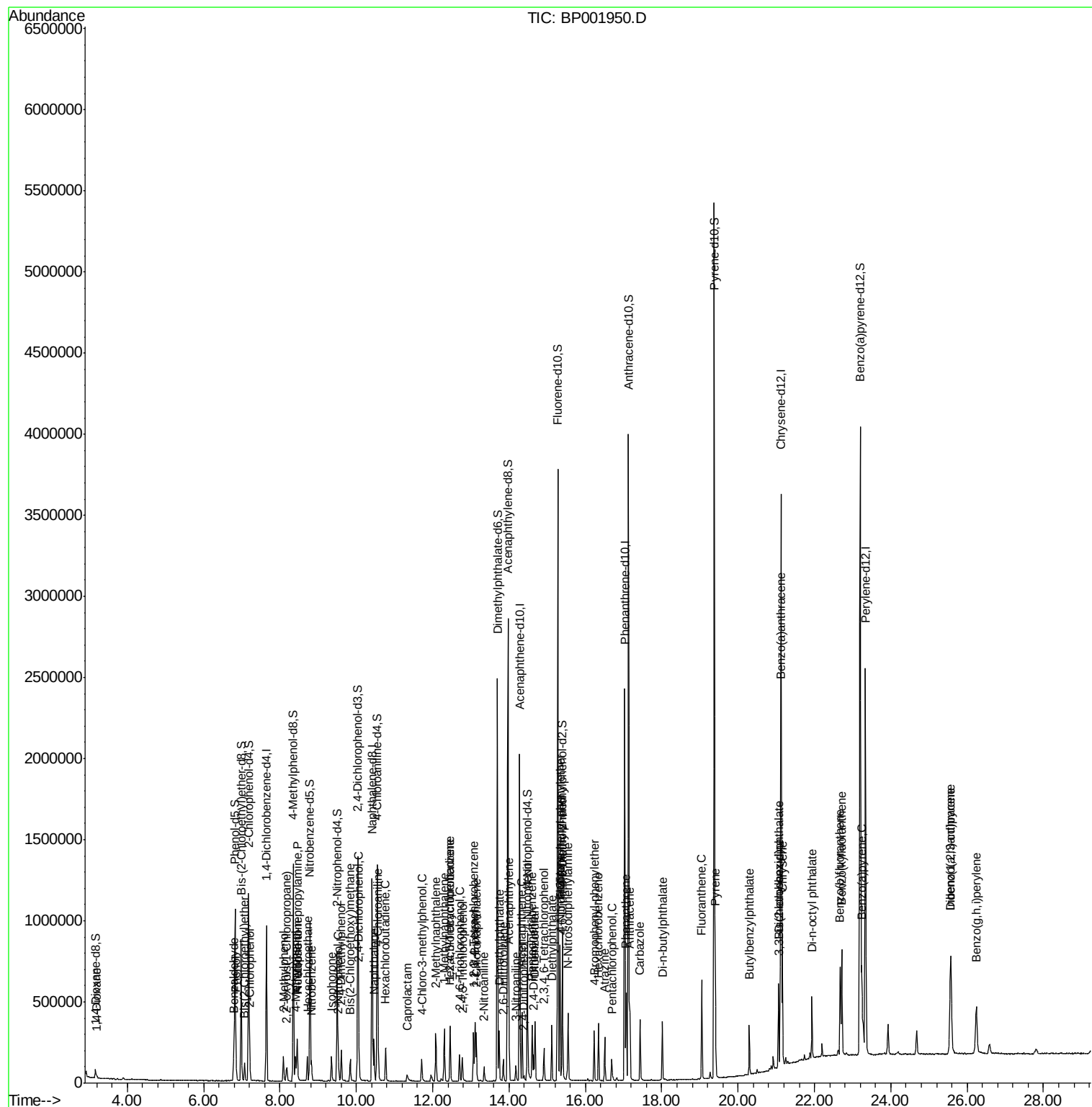
Quant Time: Feb 29 03:32:53 2020  
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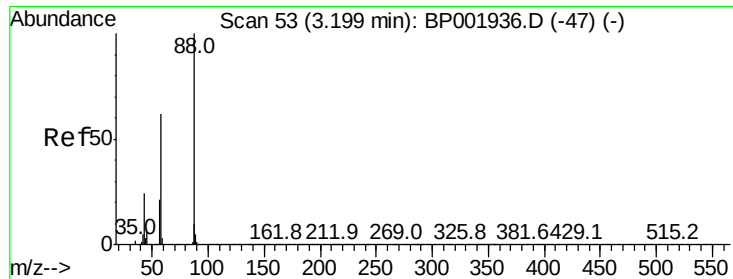
| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.045 ng/uL

RT: 3.20 min Scan# 53

Delta R.T. 0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

Instrument :

BNA\_P

ClientSampleId :

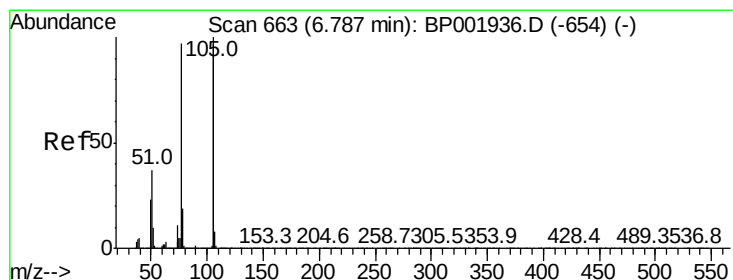
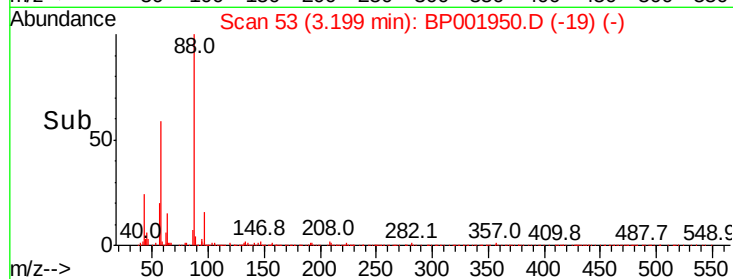
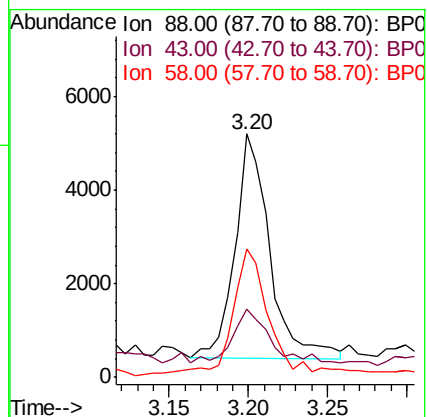
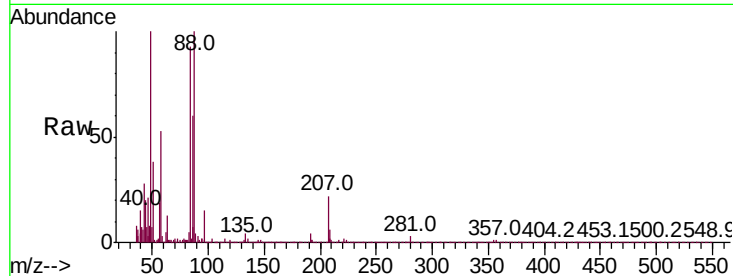
Tot Ion: 88 Resp: 7261

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 28.1  | 22.6  | 34.0  |
| 58  | 52.8  | 49.6  | 74.4  |

88 100

43 28.1 22.6 34.0

58 52.8 49.6 74.4



#4

Benzaldehyde

Concen: 4.040 ng/uL

RT: 6.79 min Scan# 663

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

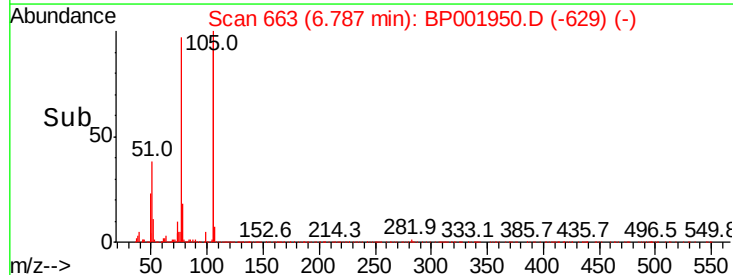
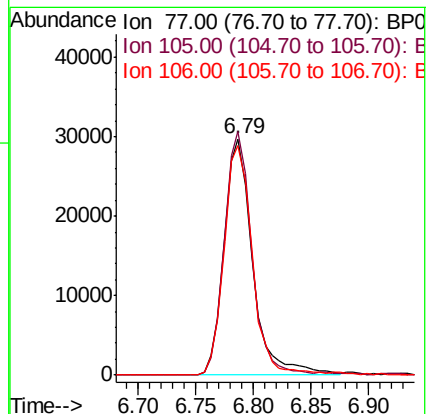
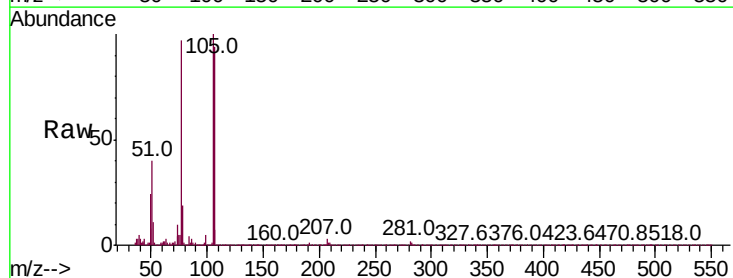
Tgt Ion: 77 Resp: 50742

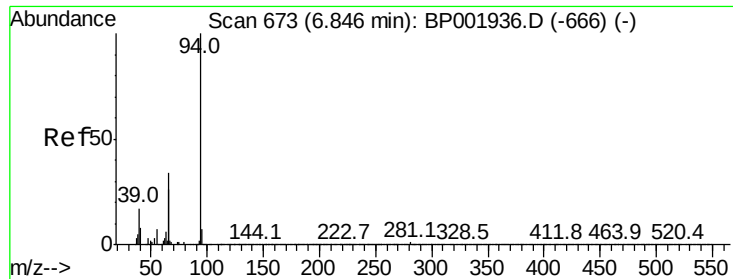
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 102.9 | 82.5  | 123.7 |
| 106 | 97.2  | 79.9  | 119.9 |

77 100

105 102.9 82.5 123.7

106 97.2 79.9 119.9





#6

Phenol

Concen: 3.483 ng/ul

RT: 6.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

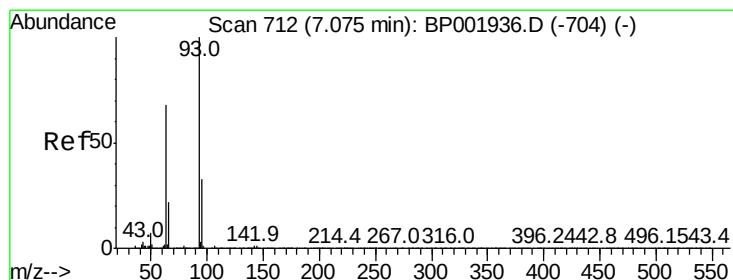
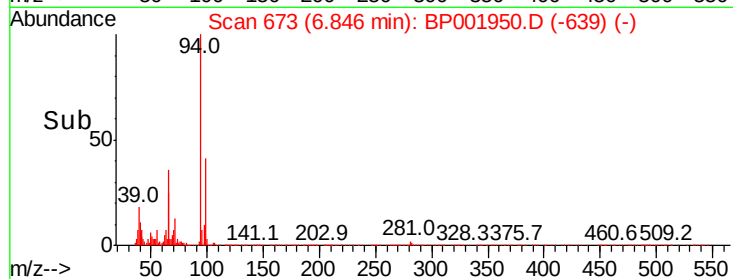
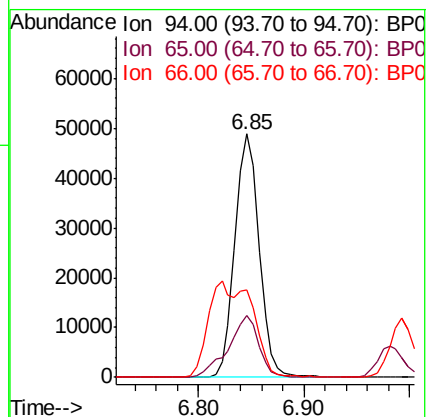
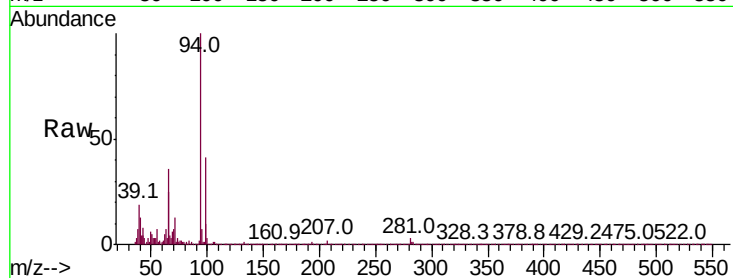
Instrument :

BNA\_P

ClientSampleId :

Tot Ion: 94 Resp: 77284

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 25.4  | 20.6  | 30.8  |
| 66  | 35.9  | 28.2  | 42.2  |



#8

Bis(2-Chloroethyl)ether

Concen: 3.619 ng/ul

RT: 7.07 min Scan# 711

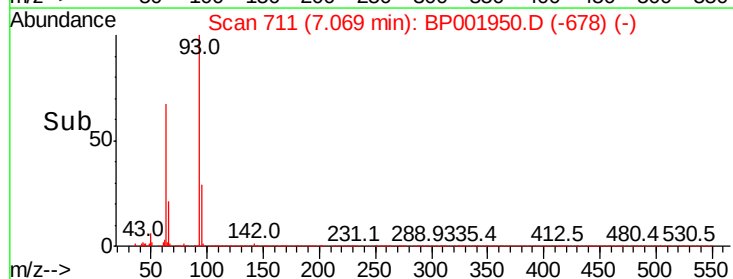
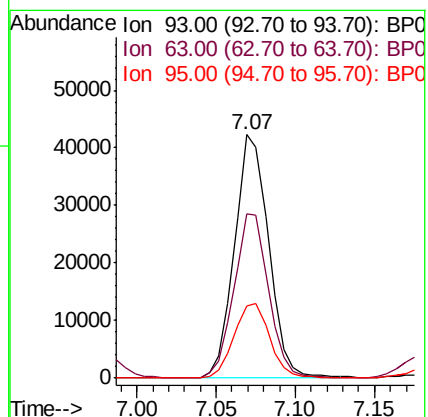
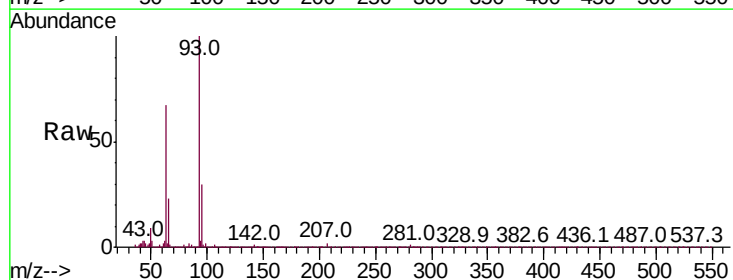
Delta R.T. -0.01 min

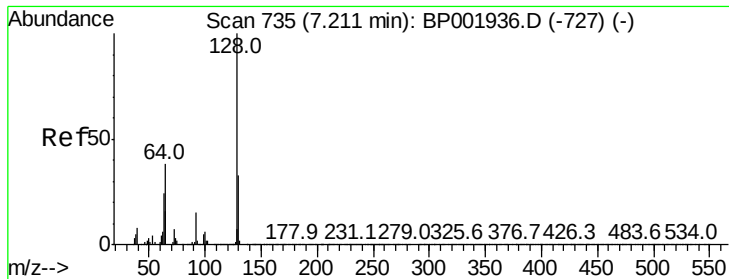
Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

Tgt Ion: 93 Resp: 63019

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 67.5  | 54.2  | 81.4  |
| 95  | 29.8  | 26.6  | 39.8  |

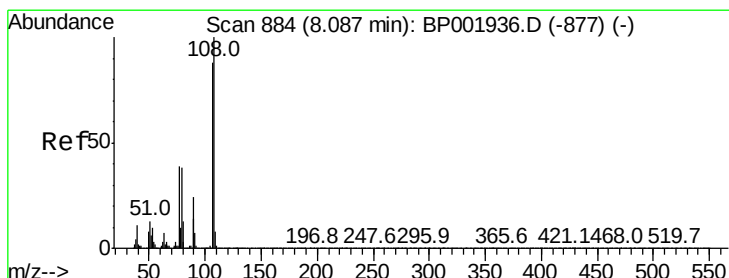
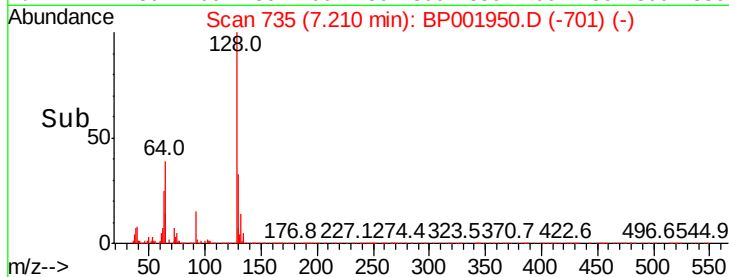
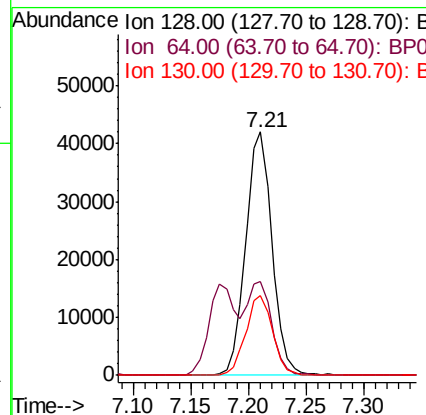
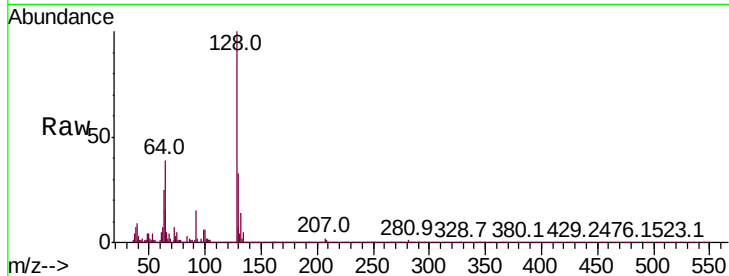




#10  
2-Chlorophenol  
Concen: 3.520 ng/ul  
RT: 7.21 min Scan# 735  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

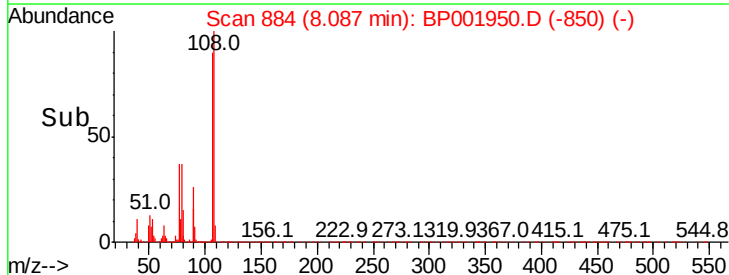
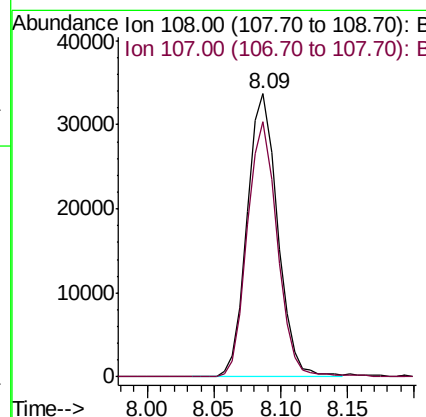
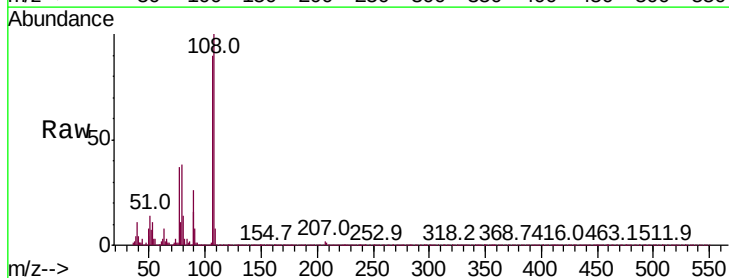
Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:128 Resp: 66728  
Ion Ratio Lower Upper  
128 100  
64 38.8 31.5 47.3  
130 32.6 26.3 39.5

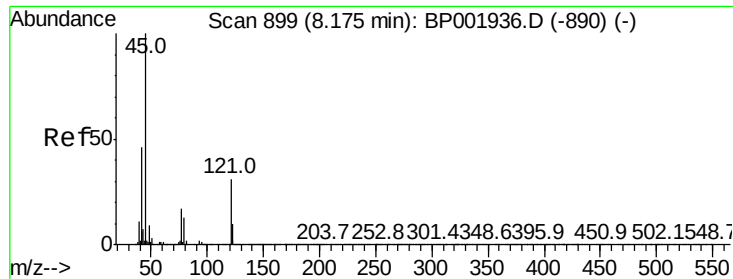


#11  
2-Methylphenol  
Concen: 3.063 ng/ul  
RT: 8.09 min Scan# 884  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

Tgt Ion:108 Resp: 53148  
Ion Ratio Lower Upper  
108 100  
107 90.2 70.5 105.7



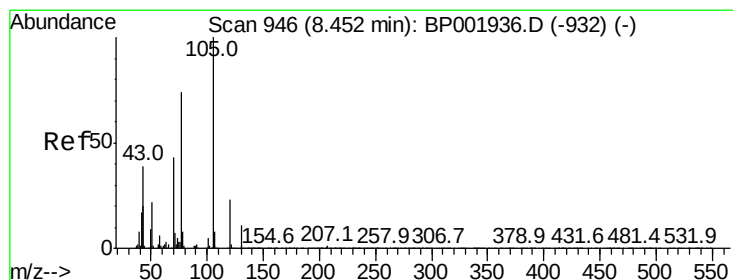
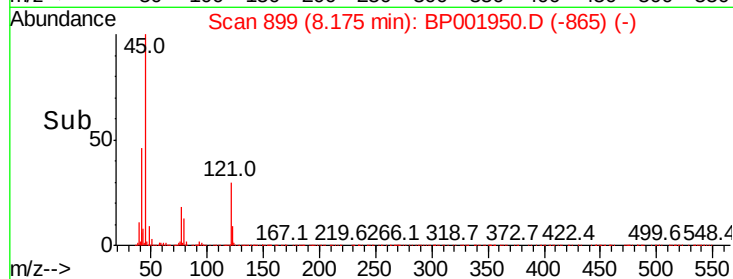
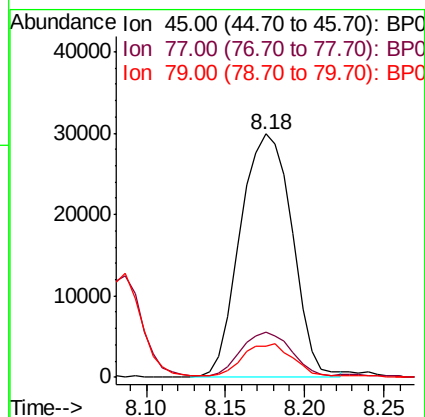
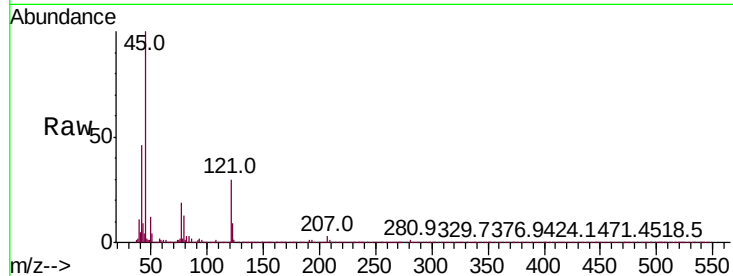




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 3.660 ng/ul  
RT: 8.18 min Scan# 899  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

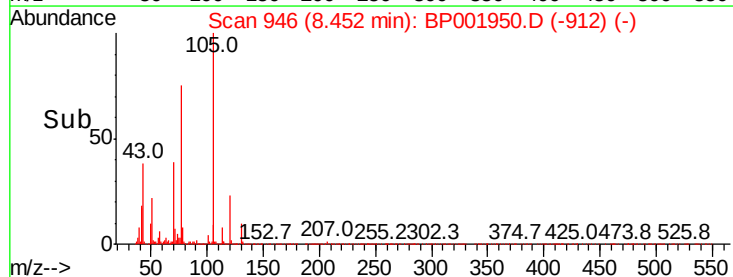
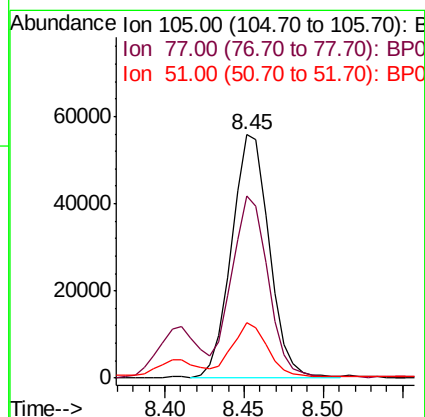
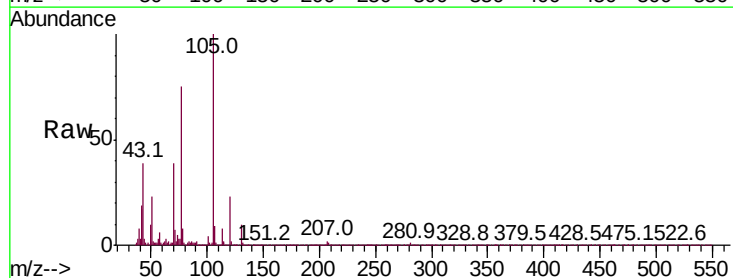
Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion   | 45   | Resp  | 68021 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 77        | 18.5 | 13.9  | 20.9  |
| 79        | 12.9 | 10.5  | 15.7  |

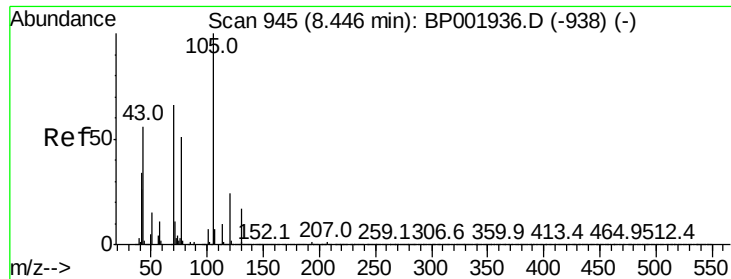


#14  
Acetophenone  
Concen: 3.524 ng/ul  
RT: 8.45 min Scan# 946  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

| Tgt Ion   | 105  | Resp  | 91286 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 77        | 74.9 | 59.1  | 88.7  |
| 51        | 22.7 | 17.8  | 26.6  |



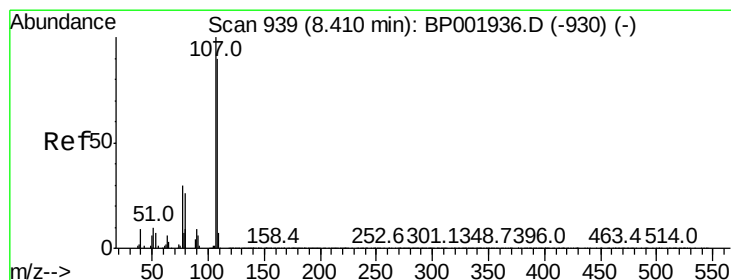
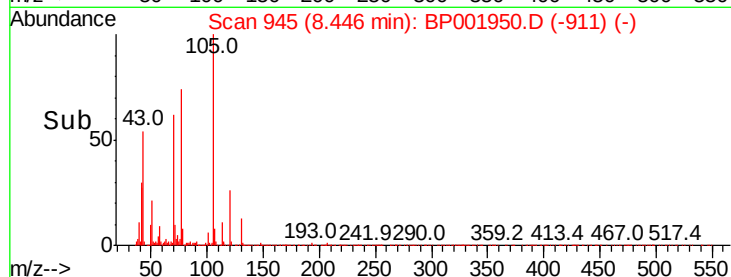
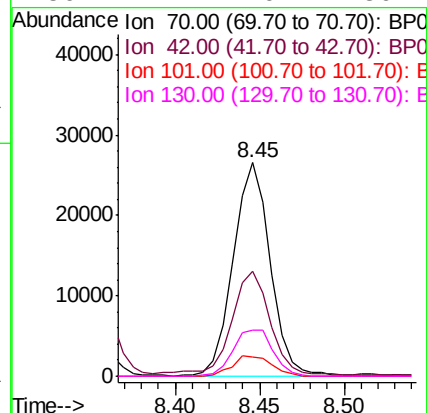
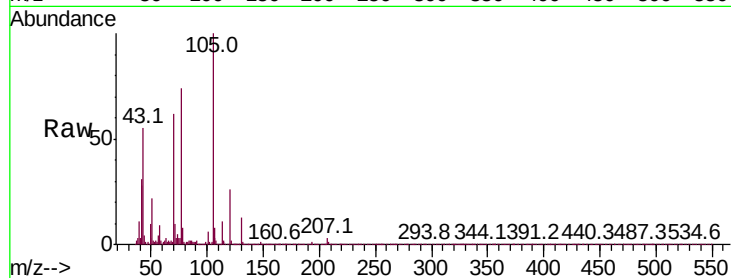




#15  
N-Nitroso-di-n-propylamine  
Concen: 3.264 ng/ul  
RT: 8.45 min Scan# 945  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

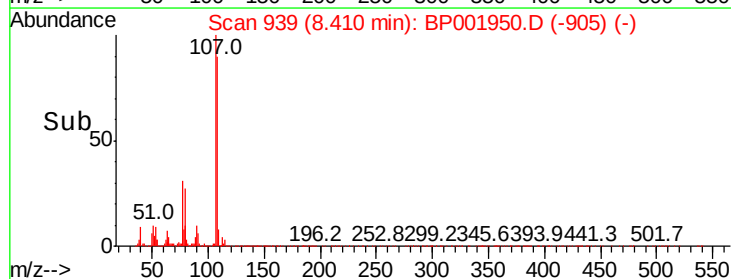
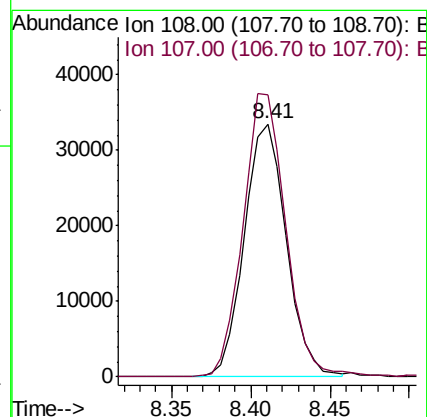
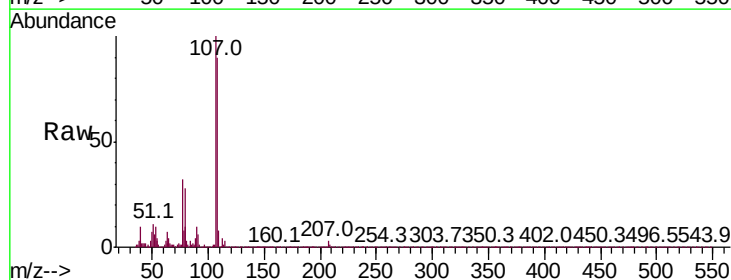
Instrument :  
BNA\_P  
ClientSampleId :

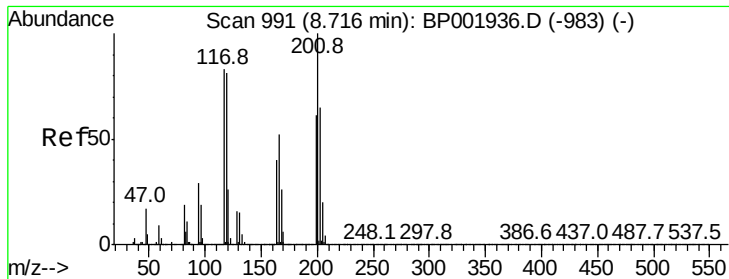
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 40286 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 49.4  | 41.7  | 62.5  |
| 101      | 9.3   | 8.1   | 12.1  |
| 130      | 21.4  | 20.1  | 30.1  |



#16  
4-Methylphenol  
Concen: 3.335 ng/ul  
RT: 8.41 min Scan# 939  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 108   | Resp: | 61818 |
| Ion      | Ratio | Lower | Upper |
| 108      | 100   |       |       |
| 107      | 111.7 | 88.6  | 133.0 |

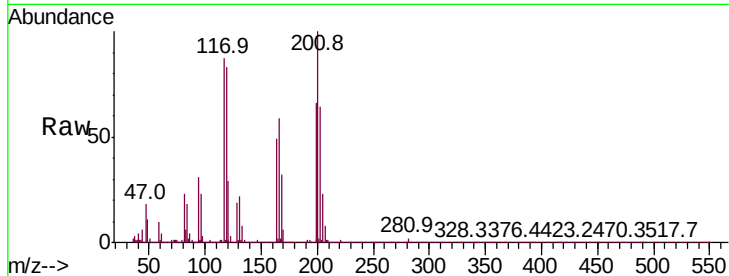




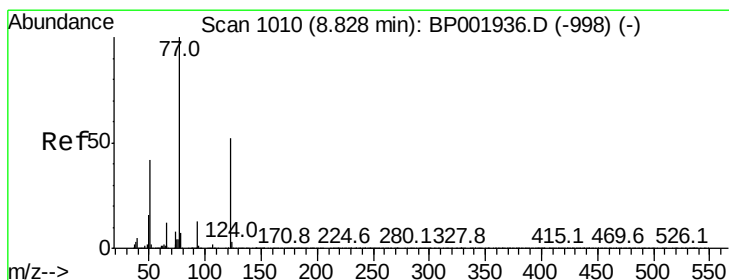
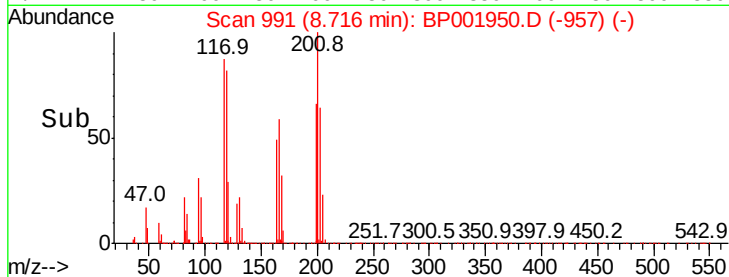
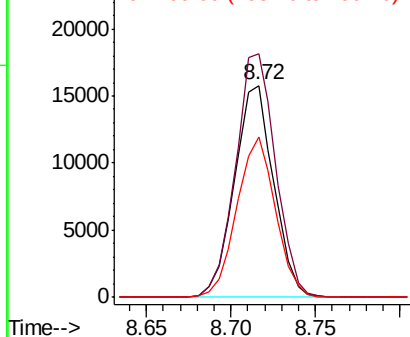
#17  
Hexachloroethane  
Concen: 3.397 ng/ul  
RT: 8.72 min Scan# 991  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:117 Resp: 25587  
Ion Ratio Lower Upper  
117 100  
201 114.8 96.4 144.6  
199 76.8 58.9 88.3

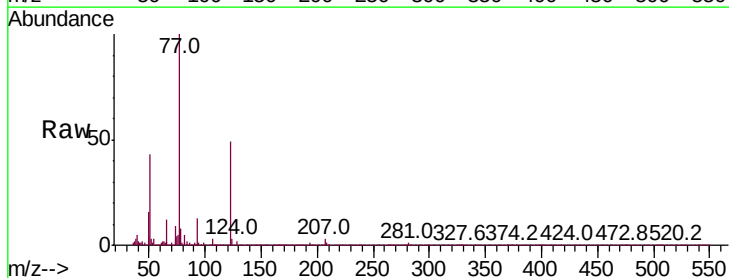


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

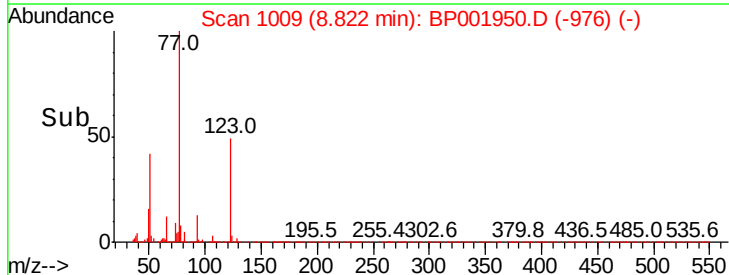
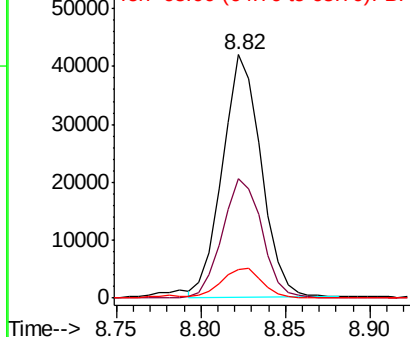


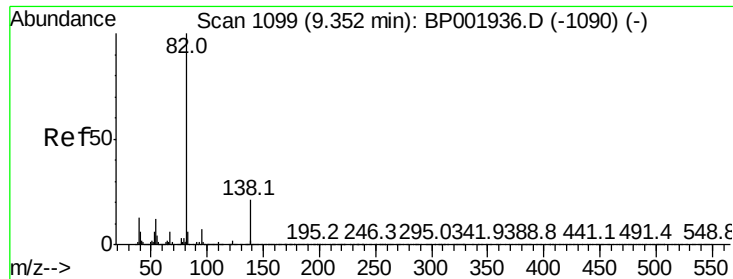
#20  
Nitrobenzene  
Concen: 3.492 ng/ul  
RT: 8.82 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

Tgt Ion: 77 Resp: 66739  
Ion Ratio Lower Upper  
77 100  
123 49.1 41.4 62.0  
65 11.6 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BP0  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BP0





#21

Isophorone

Concen: 3.084 ng/ul

RT: 9.35 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

Instrument :

BNA\_P

ClientSampleId :

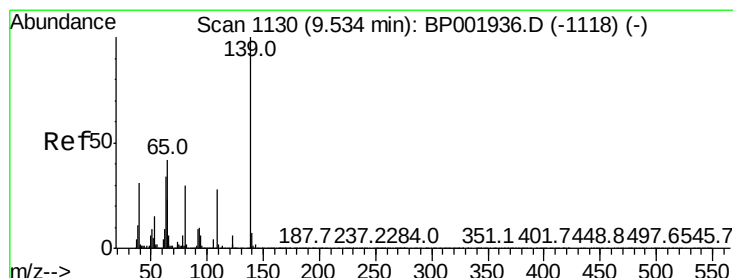
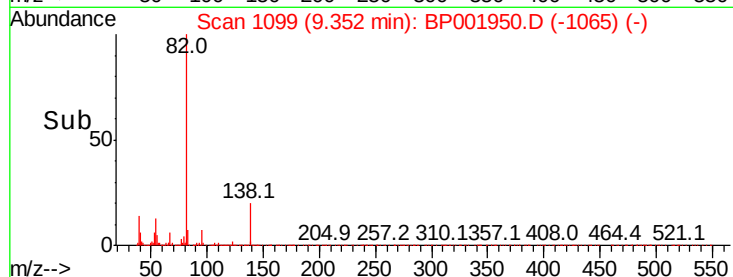
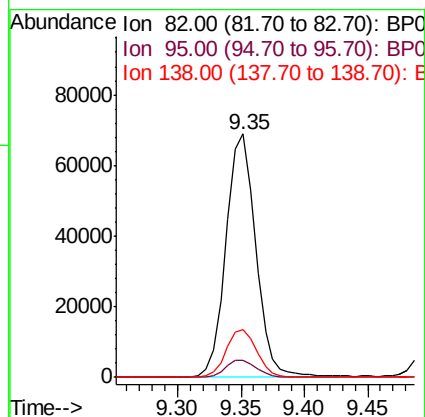
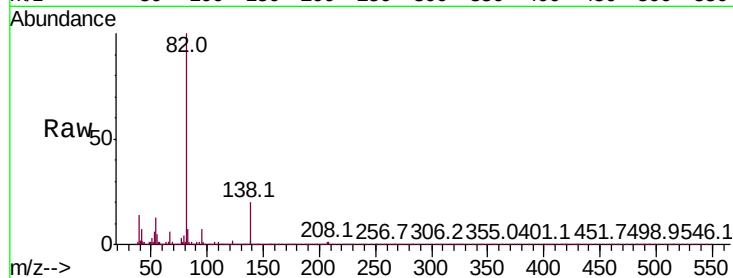
Tot Ion: 82 Resp: 111818

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 19.7 16.4 24.6



#23

2-Nitrophenol

Concen: 3.430 ng/ul

RT: 9.53 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

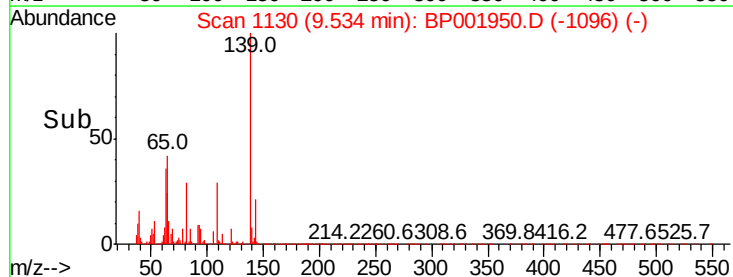
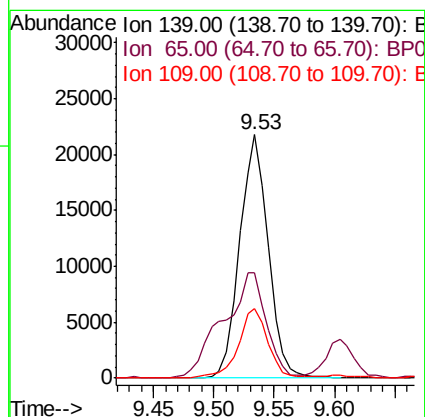
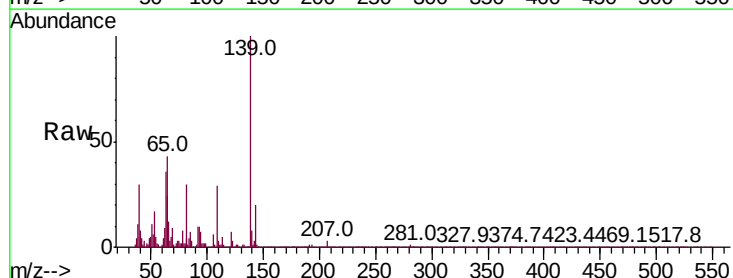
Tgt Ion: 139 Resp: 36005

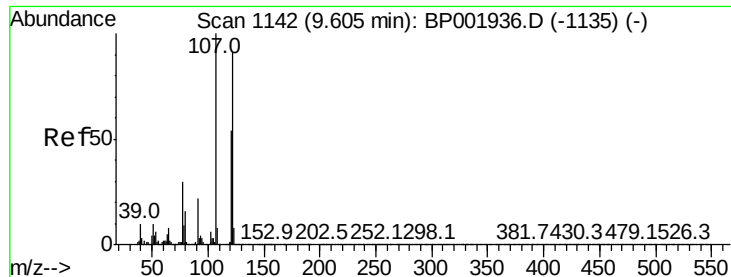
Ion Ratio Lower Upper

139 100

65 43.0 34.0 51.0

109 28.8 22.0 33.0





#24

2,4-Dimethylphenol

Concen: 3.324 ng/ul

RT: 9.60 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

Instrument :

BNA\_P

ClientSampled :

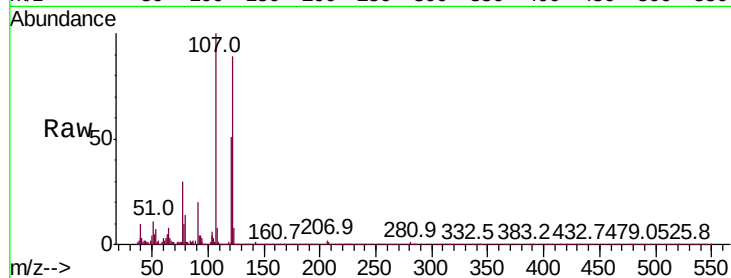
Tot Ion: 107 Resp: 65036

Ion Ratio Lower Upper

107 100

121 50.8 42.9 64.3

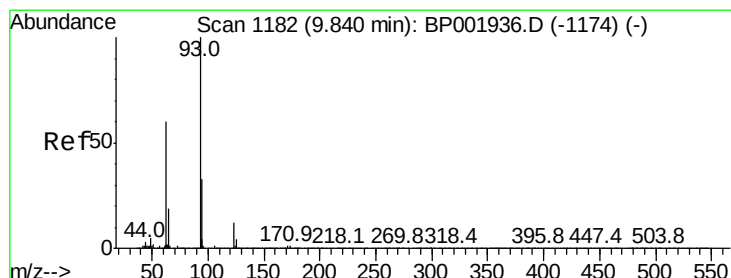
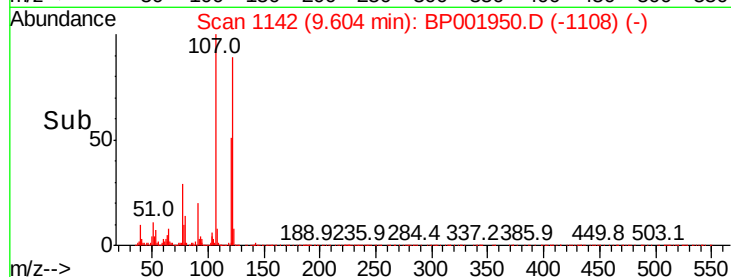
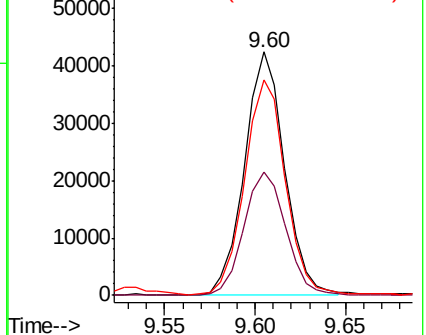
122 88.5 72.6 108.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 3.574 ng/ul

RT: 9.84 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

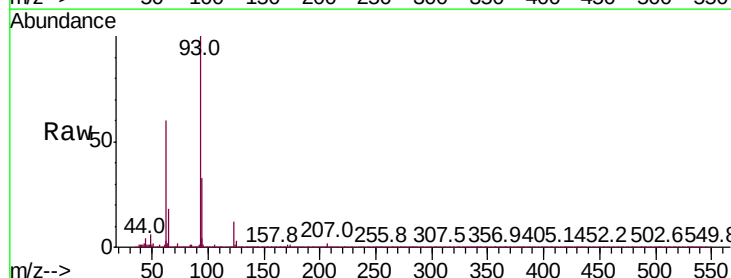
Tgt Ion: 93 Resp: 82051

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

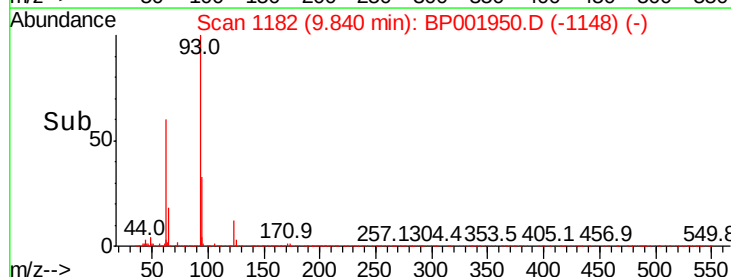
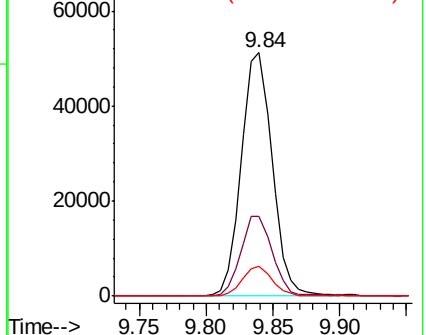
123 12.0 9.9 14.9

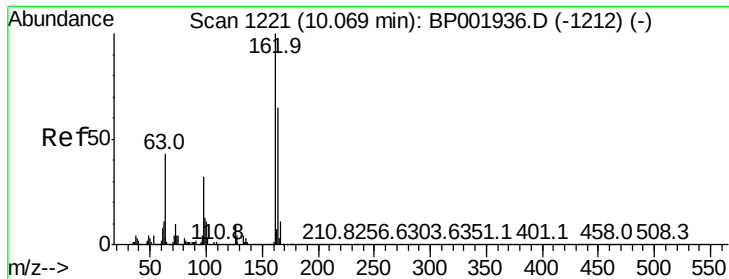


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

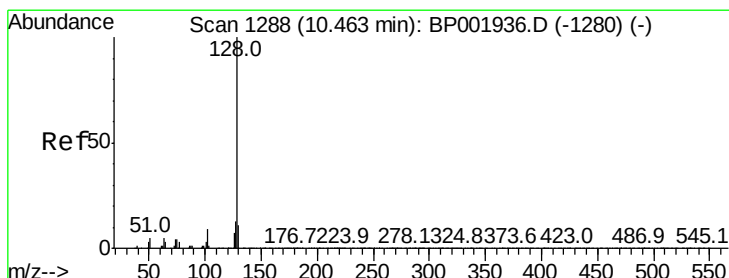
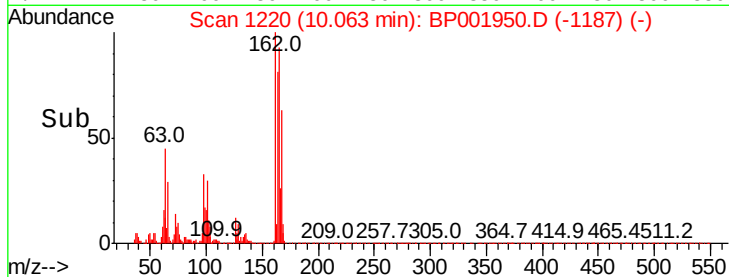
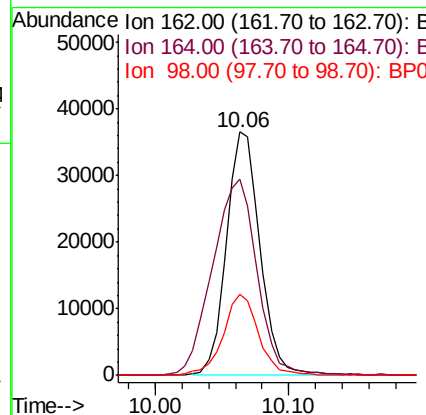
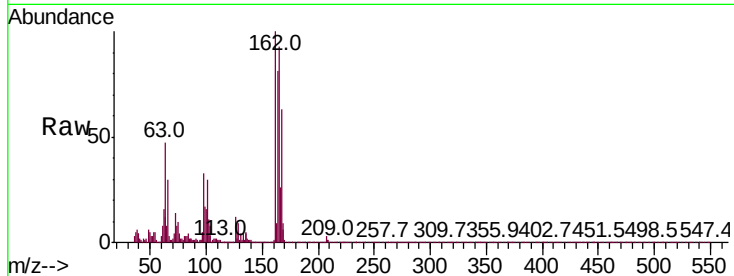




#27  
 2,4-Dichlorophenol  
 Concen: 3.452 ng/ul  
 RT: 10.06 min Scan# 1220  
 Delta R.T. -0.01 min  
 Lab File: BP001950.D  
 Acq: 28 Feb 2020 18:41

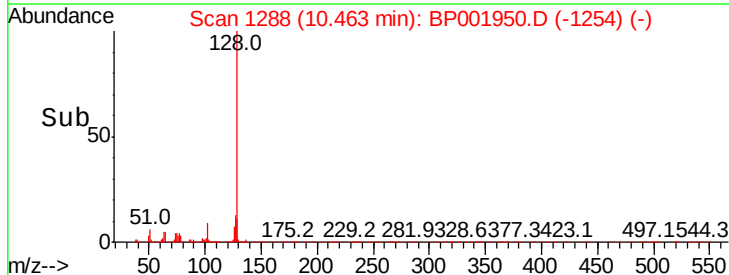
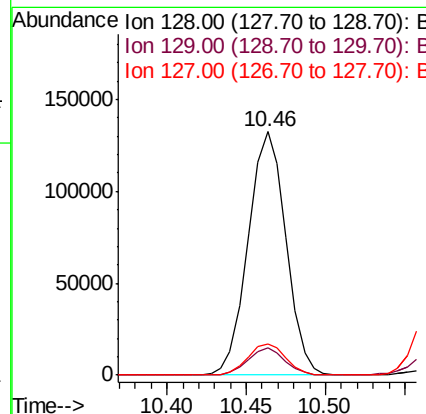
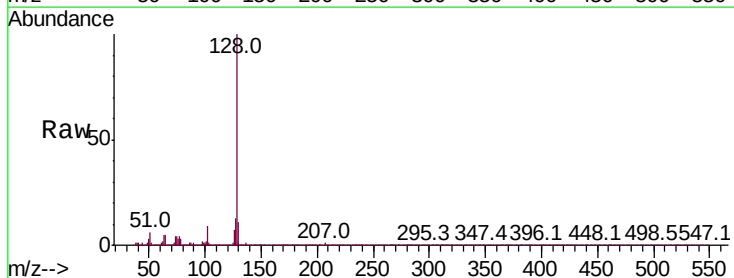
Instrument :  
 BNA\_P  
 ClientSampled :

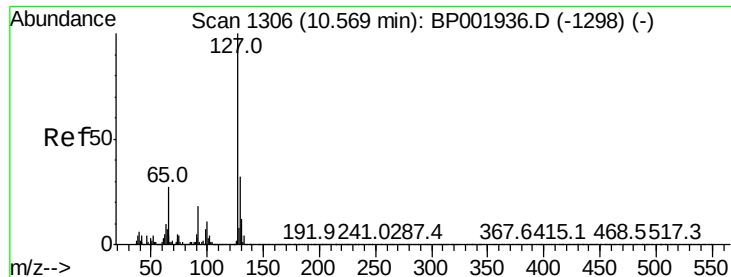
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 80.6  | 51.8  | 77.6# |
| 98      | 33.3  | 25.7  | 38.5  |



#28  
 Naphthalene  
 Concen: 3.670 ng/ul  
 RT: 10.46 min Scan# 1288  
 Delta R.T. -0.00 min  
 Lab File: BP001950.D  
 Acq: 28 Feb 2020 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.8   | 13.2  |
| 127     | 12.8  | 10.2  | 15.2  |

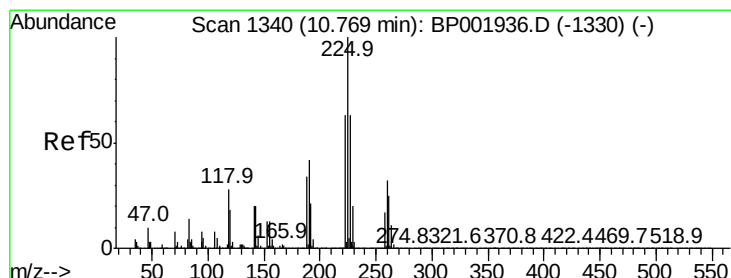
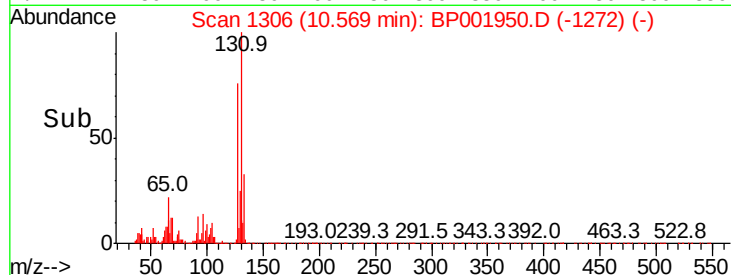
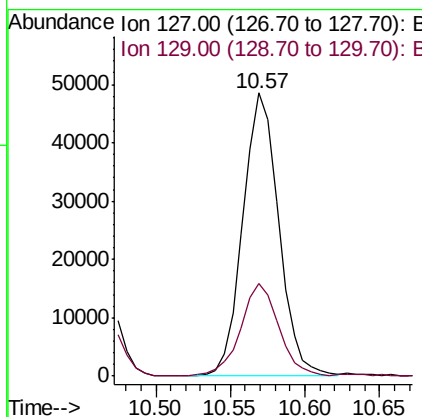
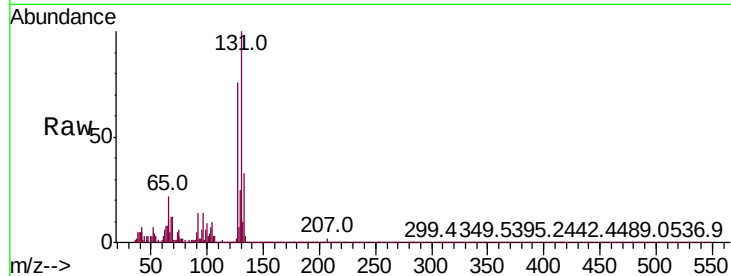




#30  
4-Chloroaniline  
Concen: 3.988 ng/ul  
RT: 10.57 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

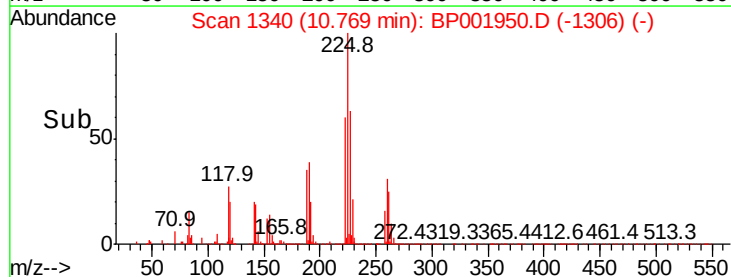
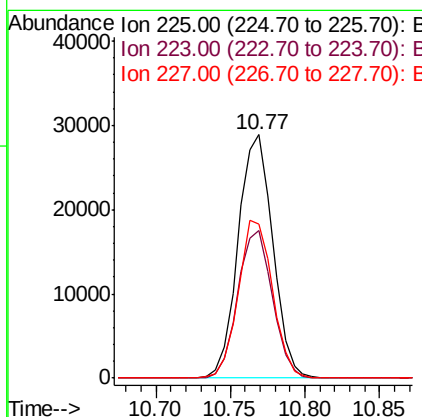
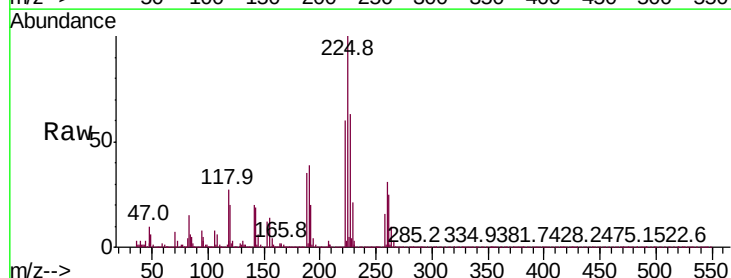
Instrument :  
BNA\_P  
ClientSampled :

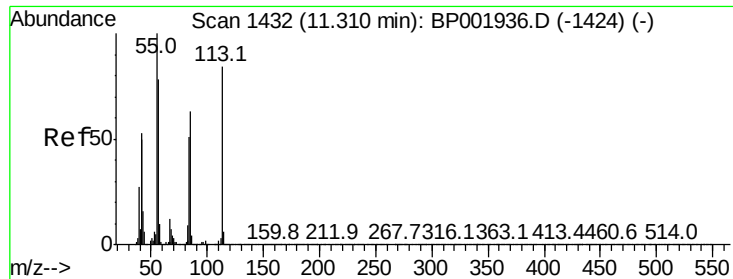
Tot Ion:127 Resp: 80774  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.9 38.9



#31  
Hexachlorobutadiene  
Concen: 3.649 ng/ul  
RT: 10.77 min Scan# 1340  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

Tgt Ion:225 Resp: 46503  
Ion Ratio Lower Upper  
225 100  
223 60.5 50.4 75.6  
227 63.3 50.8 76.2





#32

Caprolactam

Concen: 1.788 ng/ul

RT: 11.33 min Scan# 1435

Delta R.T. 0.02 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

Instrument :

BNA\_P

ClientSampleId :

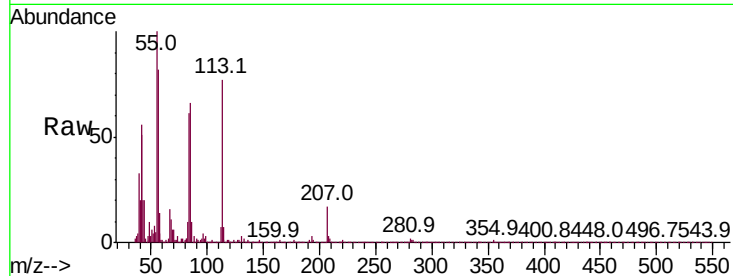
Tot Ion:113 Resp: 10855

Ion Ratio Lower Upper

113 100

55 129.1 97.4 146.0

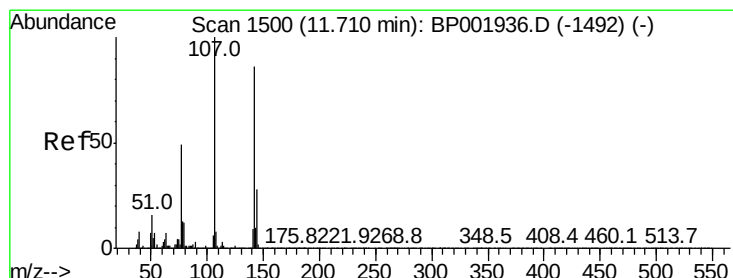
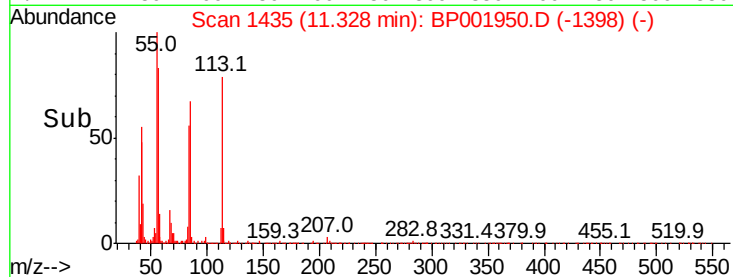
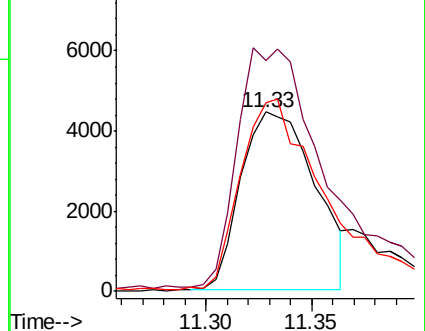
56 105.4 75.4 113.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#33

4-Chloro-3-methylphenol

Concen: 2.764 ng/ul

RT: 11.71 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

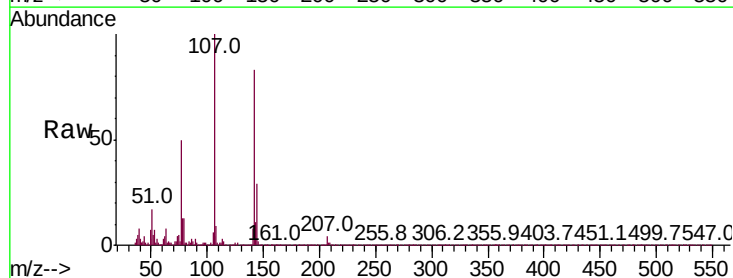
Tgt Ion:107 Resp: 50758

Ion Ratio Lower Upper

107 100

144 28.9 22.8 34.2

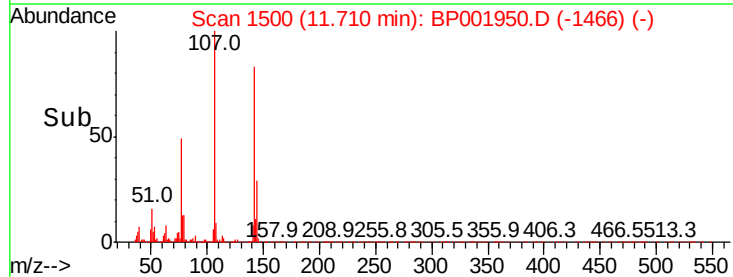
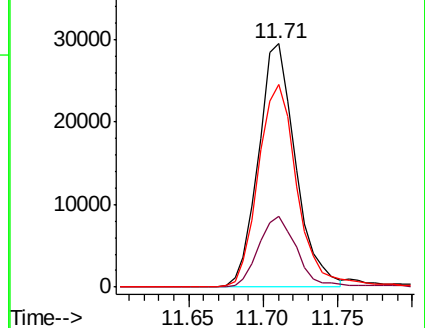
142 83.0 69.0 103.6



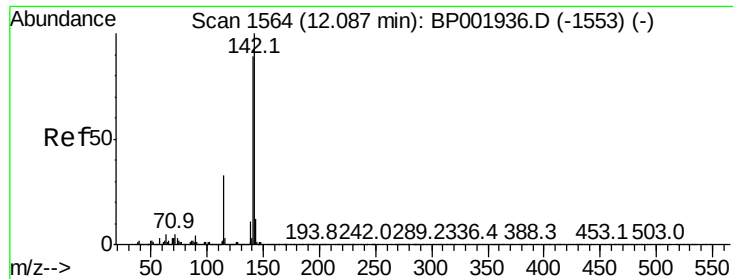
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



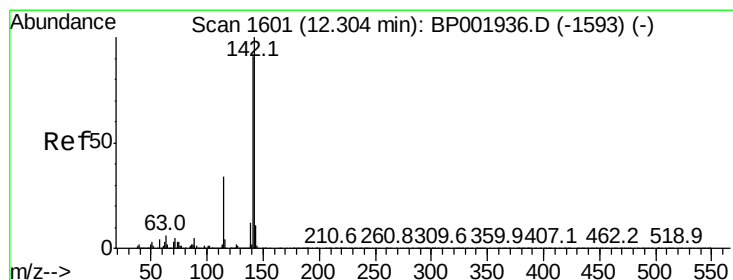
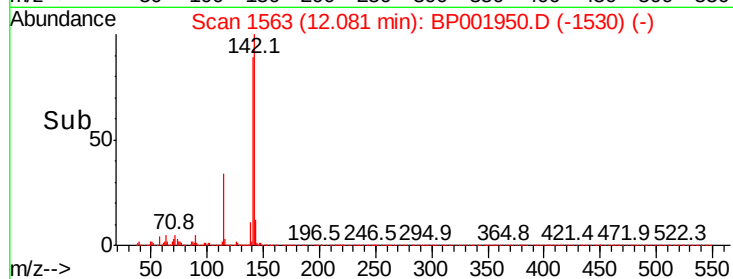
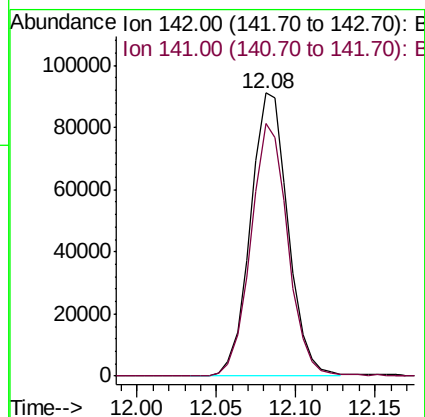
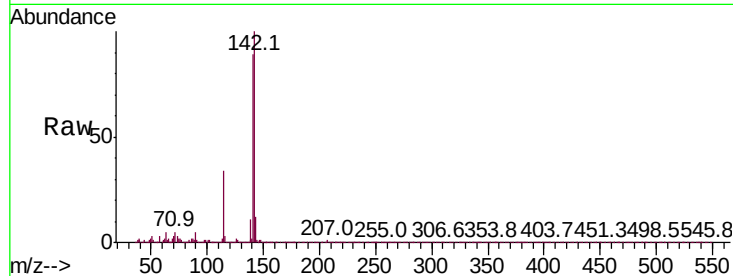




#34  
2-Methylnaphthalene  
Concen: 3.564 ng/ul  
RT: 12.08 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

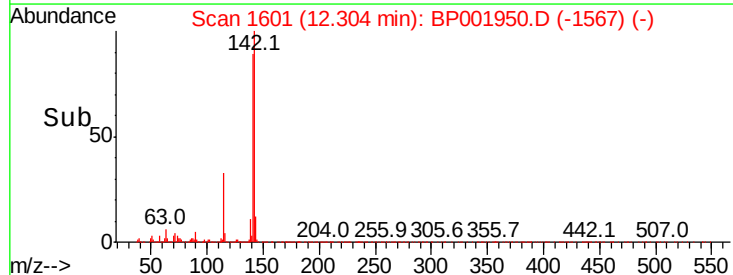
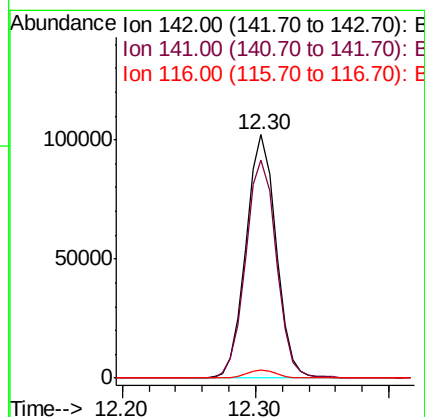
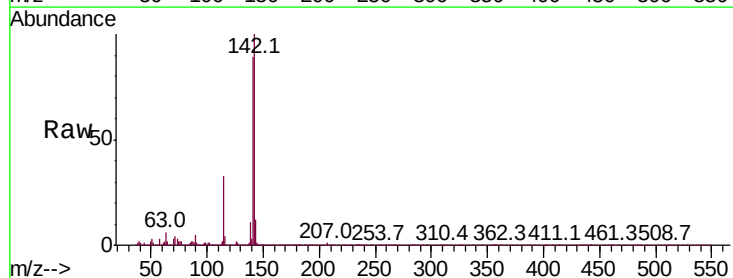
Instrument :  
BNA\_P  
ClientSampled :

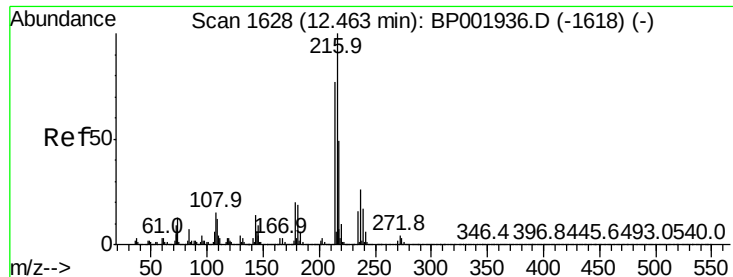
Tot Ion:142 Resp: 149718  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.8 106.2



#35  
1-Methylnaphthalene  
Concen: 3.810 ng/ul  
RT: 12.30 min Scan# 1601  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

Tgt Ion:142 Resp: 158941  
Ion Ratio Lower Upper  
142 100  
141 89.5 73.0 109.4  
116 3.5 3.0 4.6





#37

1,2,4,5-Tetrachlorobenzene

Concen: 3.690 ng/ul

RT: 12.46 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

Instrument :

BNA\_P

ClientSampled :

Tot Ion:216 Resp: 87341

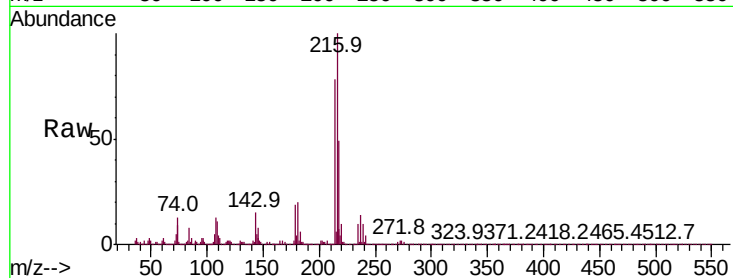
Ion Ratio Lower Upper

216 100

214 77.5 61.8 92.8

179 18.9 16.0 24.0

108 12.7 11.9 17.9

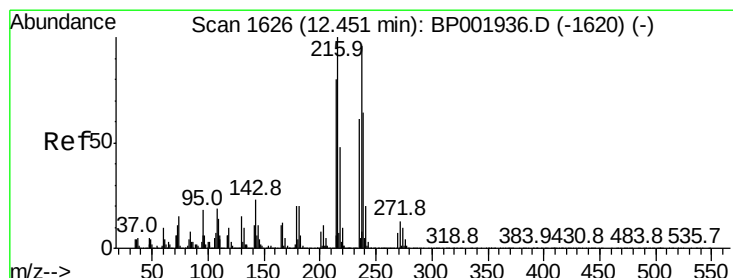
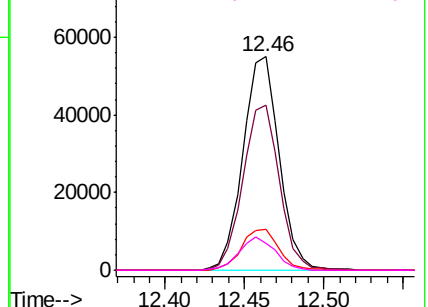
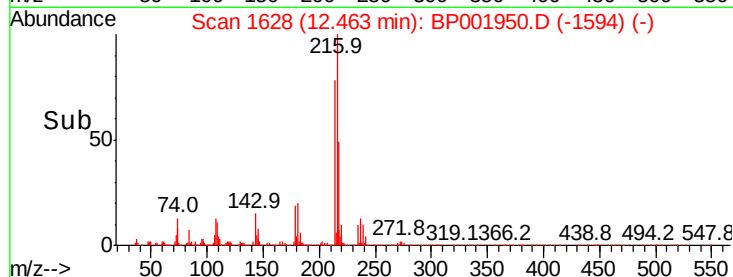


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.636 ng/ul

RT: 12.45 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

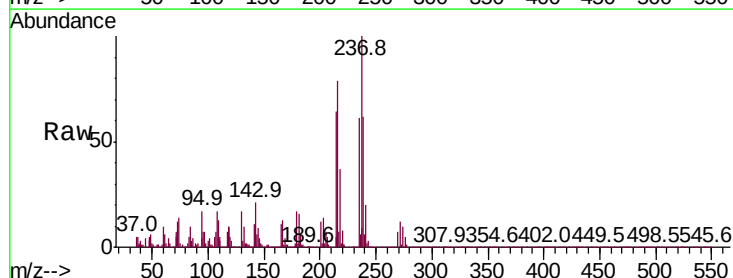
Tgt Ion:237 Resp: 36570

Ion Ratio Lower Upper

237 100

235 60.8 51.0 76.4

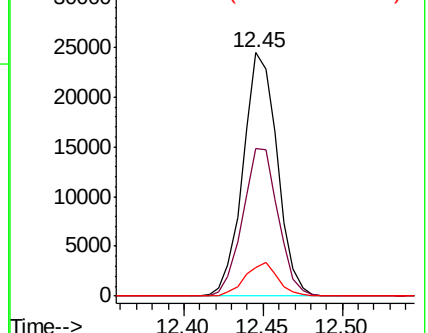
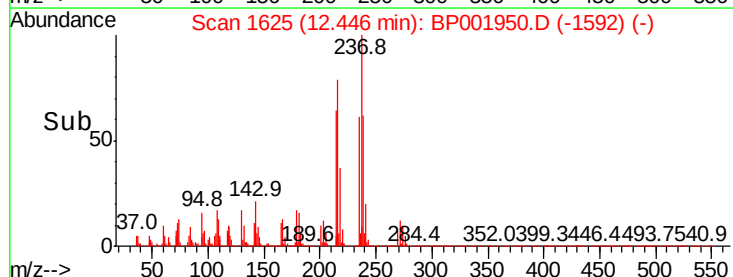
272 11.6 11.4 17.0

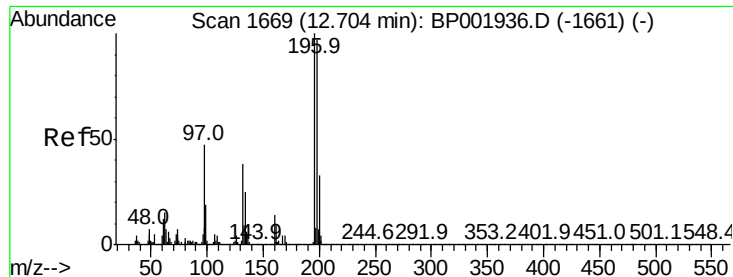


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

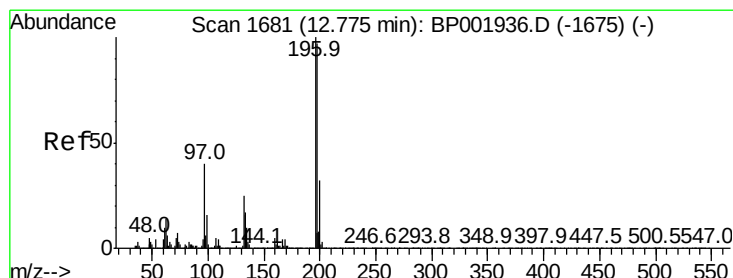
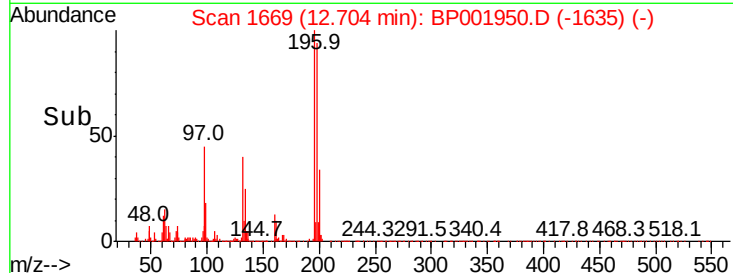
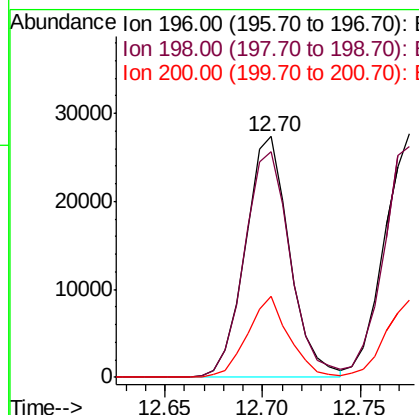
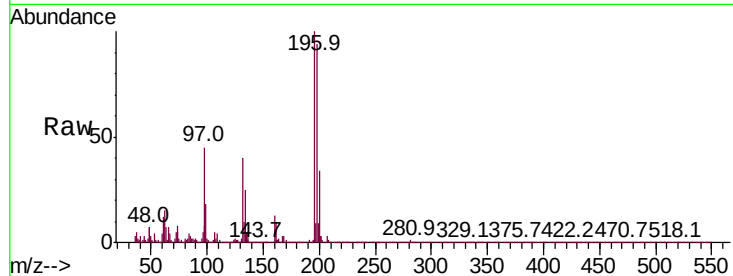




#39  
 2,4,6-Trichlorophenol  
 Concen: 2.764 ng/ul  
 RT: 12.70 min Scan# 1669  
 Delta R.T. -0.00 min  
 Lab File: BP001950.D  
 Acq: 28 Feb 2020 18:41

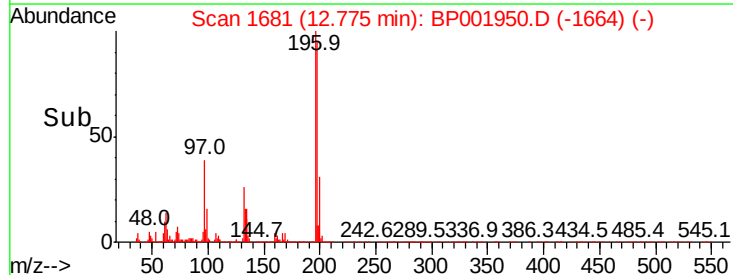
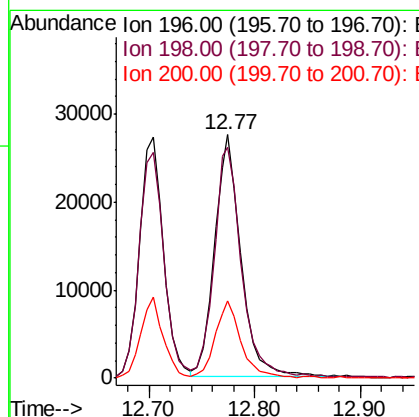
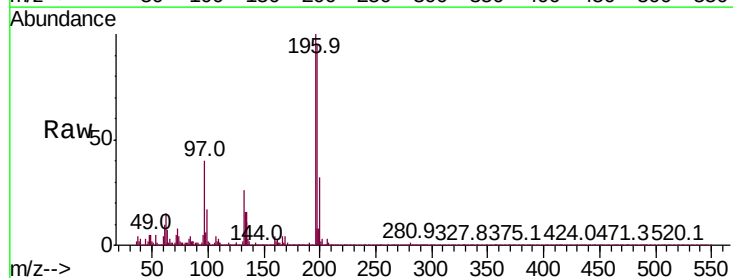
Instrument :  
 BNA\_P  
 ClientSampleId :

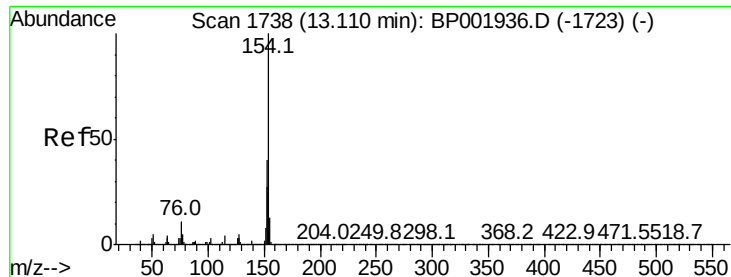
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.6  | 77.7  | 116.5 |
| 200     | 33.9  | 26.2  | 39.2  |



#40  
 2,4,5-Trichlorophenol  
 Concen: 2.938 ng/ul  
 RT: 12.77 min Scan# 1681  
 Delta R.T. -0.00 min  
 Lab File: BP001950.D  
 Acq: 28 Feb 2020 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.1  | 77.2  | 115.8 |
| 200     | 31.7  | 25.8  | 38.8  |

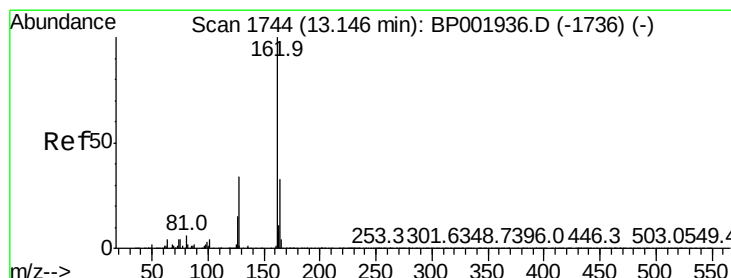
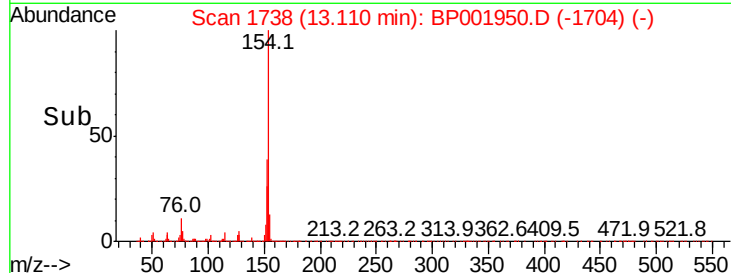
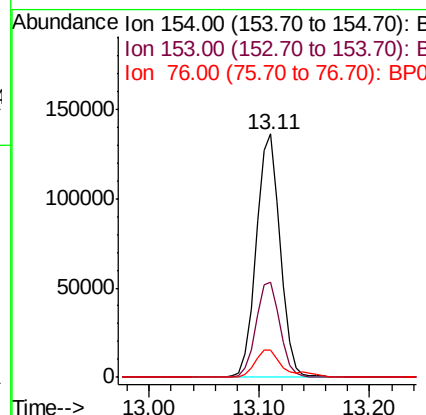
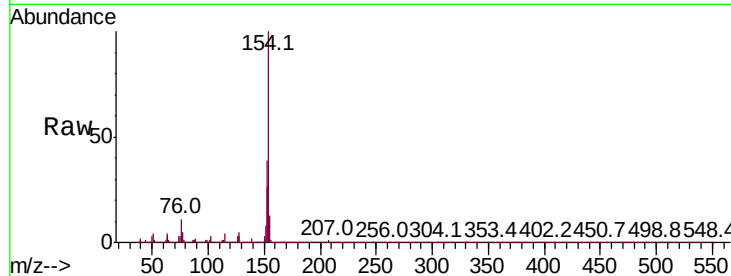




#41  
1,1'-Biphenyl  
Concen: 3.743 ng/ul  
RT: 13.11 min Scan# 1738  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

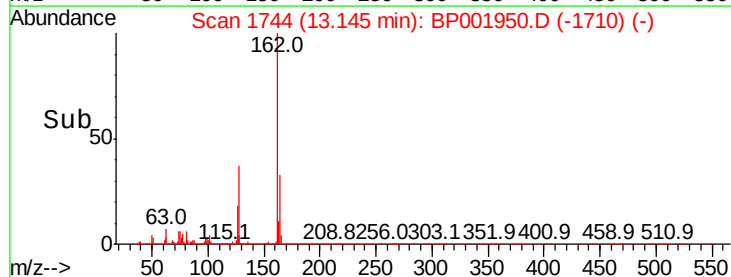
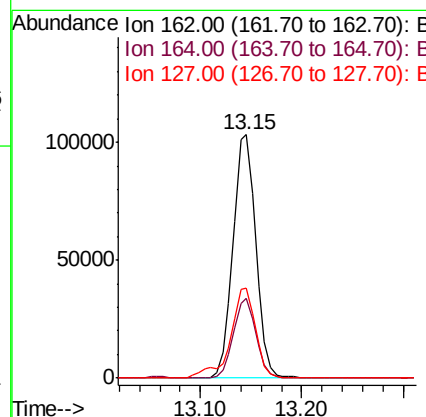
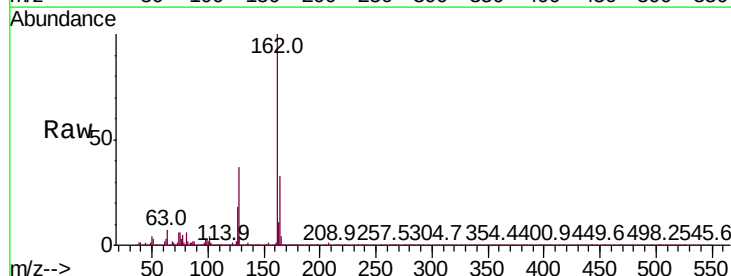
Instrument :  
BNA\_P  
ClientSampleId :

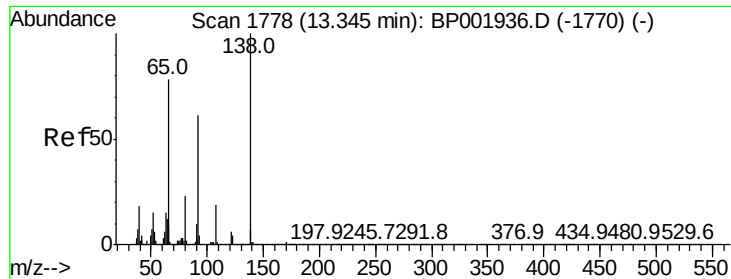
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.1  | 32.0  | 48.0  |
| 76      | 11.3  | 8.9   | 13.3  |



#42  
2-Chloronaphthalene  
Concen: 3.706 ng/ul  
RT: 13.15 min Scan# 1744  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.5  | 26.5  | 39.7  |
| 127     | 36.8  | 29.3  | 43.9  |

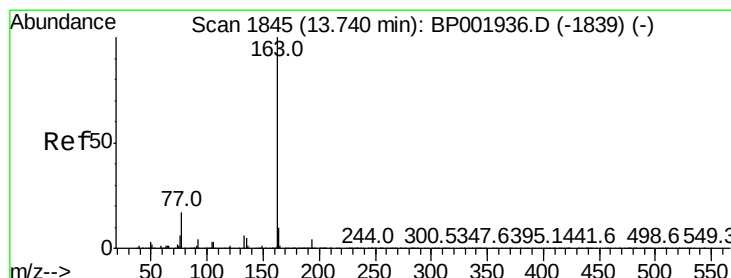
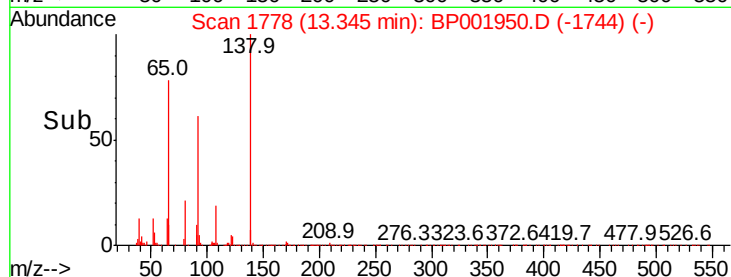
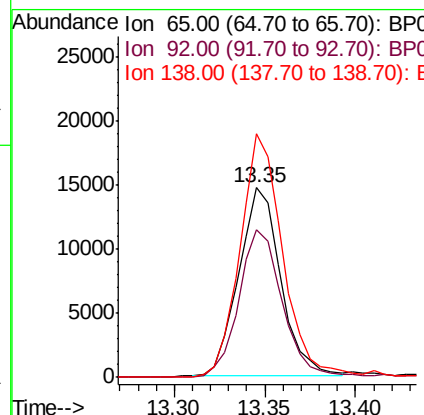
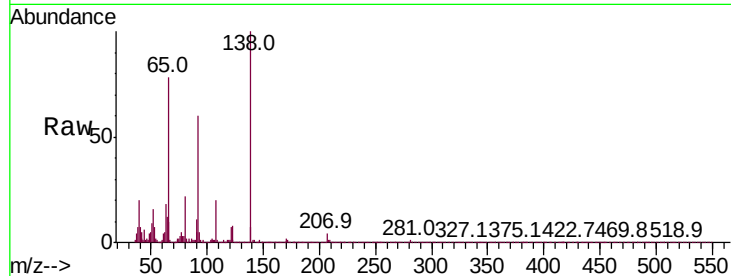




#43  
2-Nitroaniline  
Concen: 2.268 ng/ul  
RT: 13.35 min Scan# 1778  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

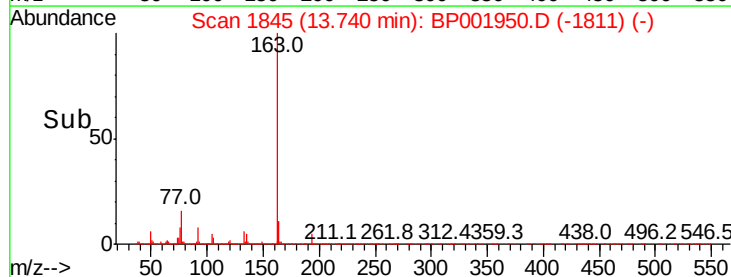
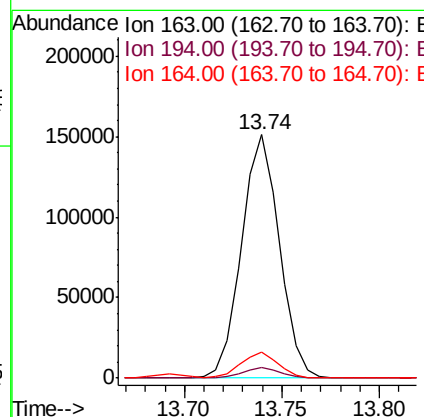
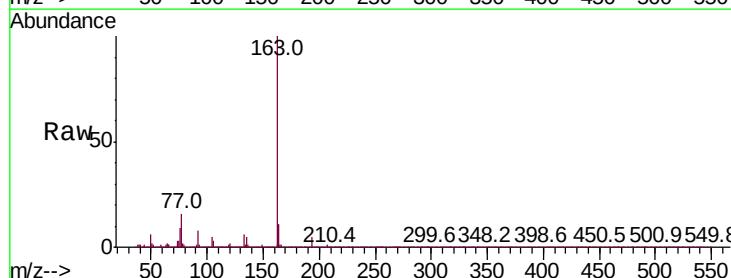
Instrument :  
BNA\_P  
ClientSampleId :

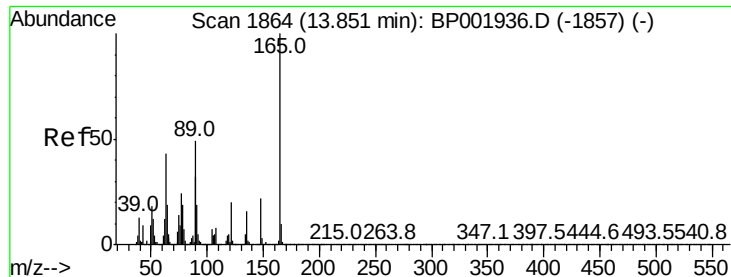
Tot Ion: 65 Resp: 23581  
Ion Ratio Lower Upper  
65 100  
92 77.7 62.6 94.0  
138 128.5 102.6 153.8



#45  
Dimethylphthalate  
Concen: 3.648 ng/ul  
RT: 13.74 min Scan# 1845  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

Tgt Ion:163 Resp: 202356  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.6 5.4  
164 10.6 8.2 12.4

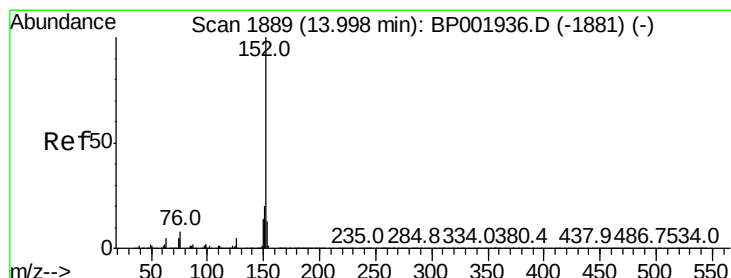
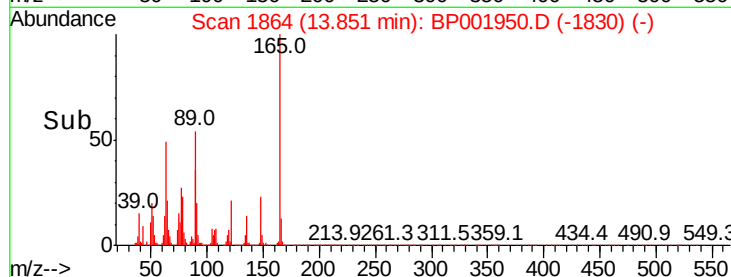
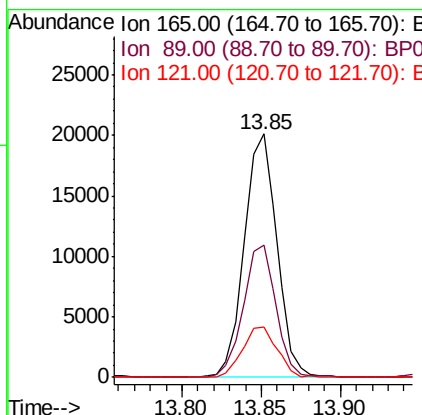
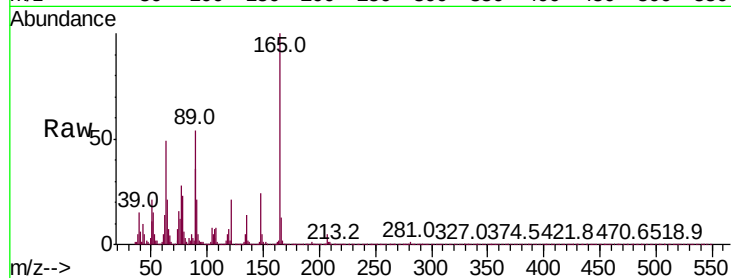




#46  
2,6-Dinitrotoluene  
Concen: 2.561 ng/ul  
RT: 13.85 min Scan# 1864  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

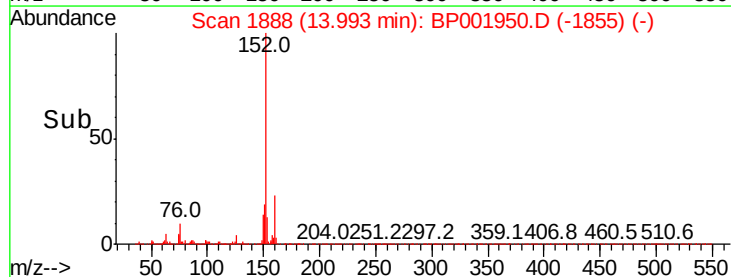
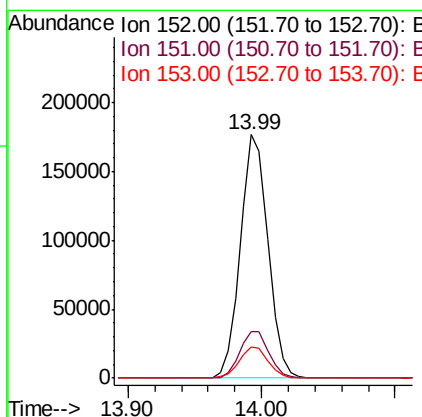
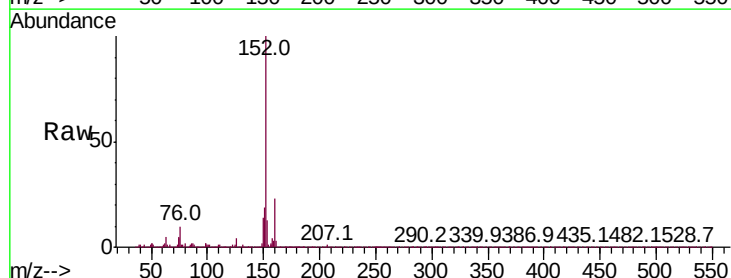
Instrument :  
BNA\_P  
ClientSampled :

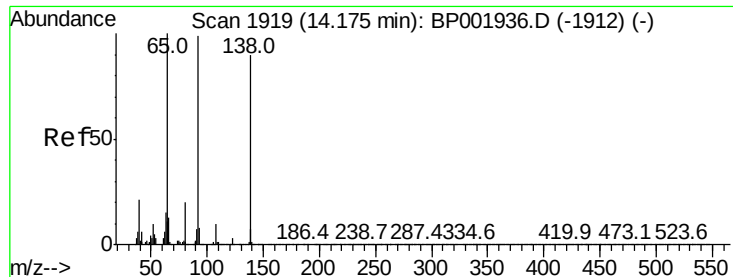
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 54.2  | 39.4  | 59.2  |
| 121     | 20.9  | 15.6  | 23.4  |



#48  
Acenaphthylene  
Concen: 3.699 ng/ul  
RT: 13.99 min Scan# 1888  
Delta R.T. -0.01 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.3  | 15.7  | 23.5  |
| 153     | 12.9  | 10.6  | 15.8  |

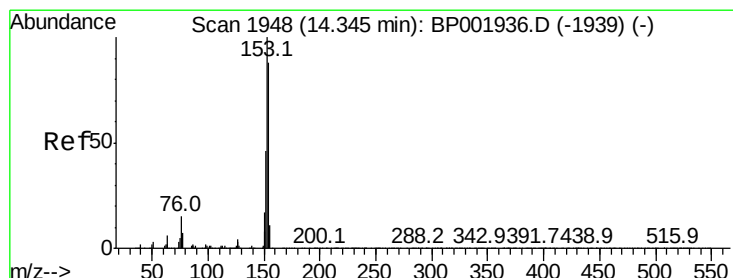
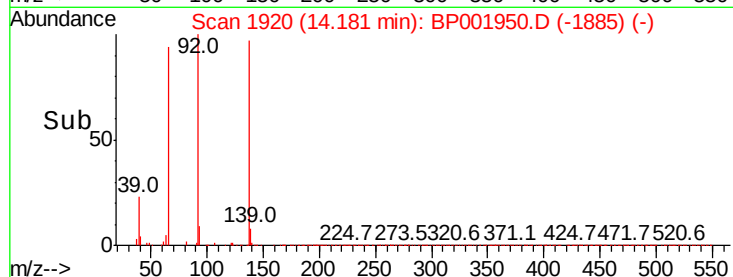
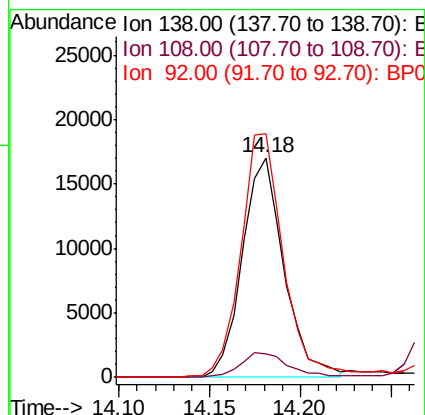
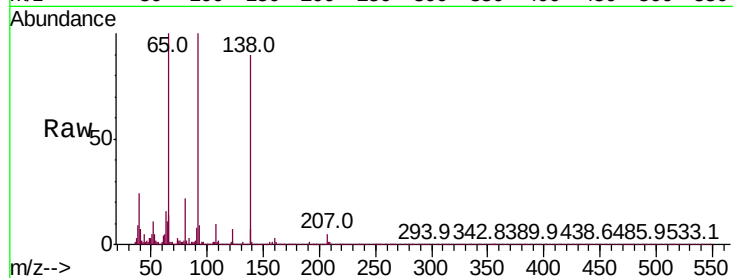




#49  
3-Nitroaniline  
Concen: 2.600 ng/ul  
RT: 14.18 min Scan# 1920  
Delta R.T. 0.01 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

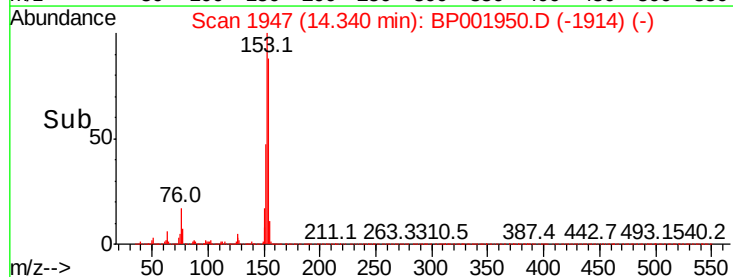
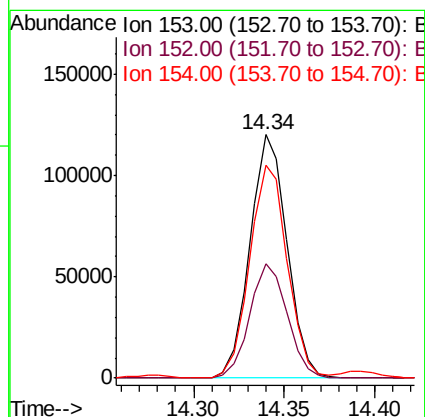
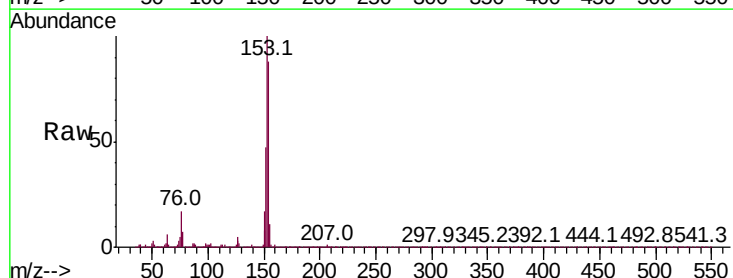
Instrument :  
BNA\_P  
ClientSampled :

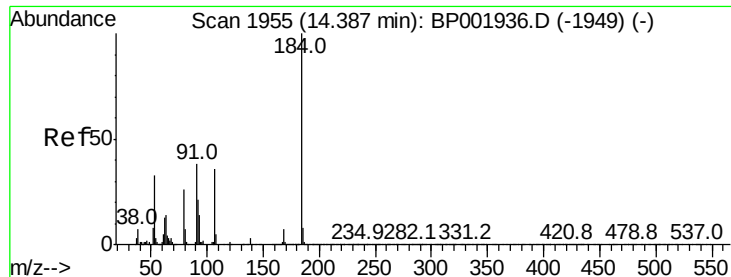
Tot Ion:138 Resp: 27081  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.9 13.3  
92 110.7 87.6 131.4



#50  
Acenaphthene  
Concen: 3.717 ng/ul  
RT: 14.34 min Scan# 1947  
Delta R.T. -0.01 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

Tgt Ion:153 Resp: 170306  
Ion Ratio Lower Upper  
153 100  
152 46.9 37.1 55.7  
154 87.6 70.5 105.7

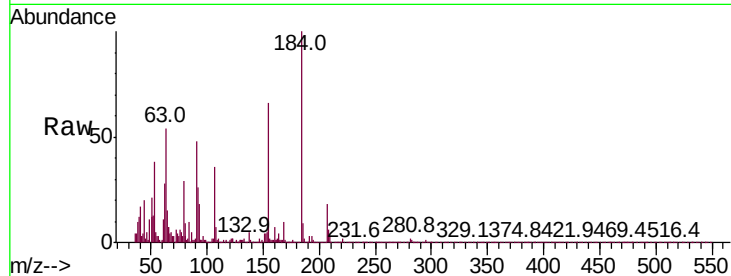




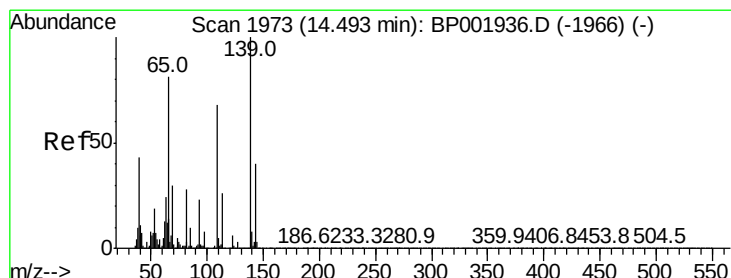
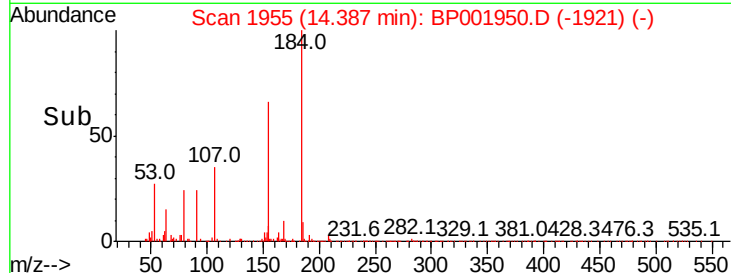
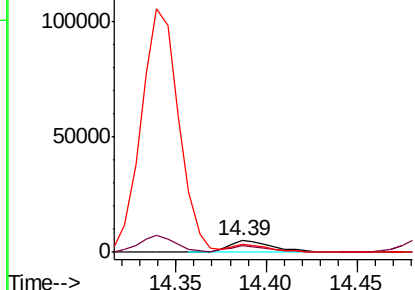
#51  
2,4-Dinitrophenol  
Concen: 1.420 ng/ul  
RT: 14.39 min Scan# 1955  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 54.4  | 37.9  | 56.9  |
| 154     | 65.6  | 45.5  | 68.3  |

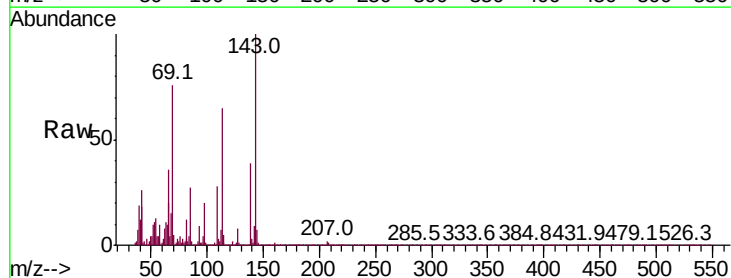


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BP0  
Ion 154.00 (153.70 to 154.70): E

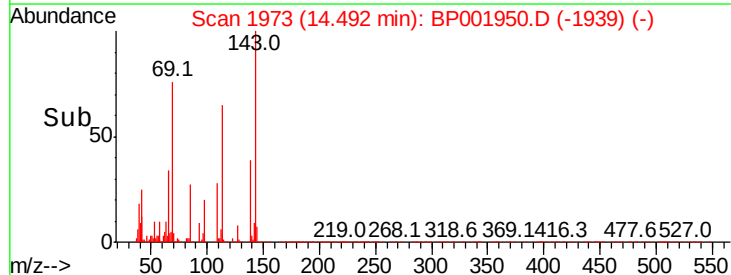
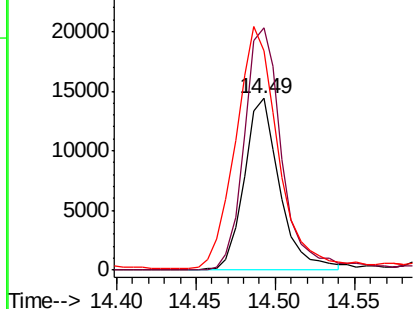


#53  
4-Nitrophenol  
Concen: 2.998 ng/ul  
RT: 14.49 min Scan# 1973  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

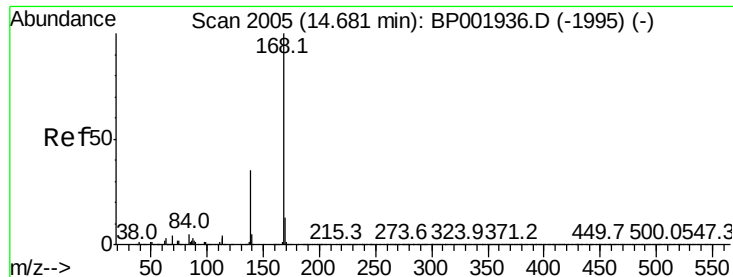
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 109     | 100   |       |       |
| 139     | 141.3 | 117.2 | 175.8 |
| 65      | 127.9 | 95.4  | 143.0 |



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): BP0







#54

Dibenzofuran

Concen: 3.837 ng/ul

RT: 14.68 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

Instrument :

BNA\_P

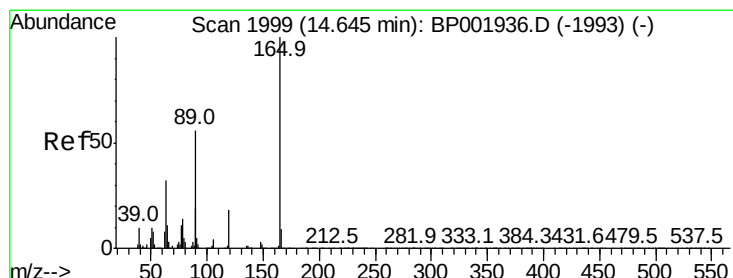
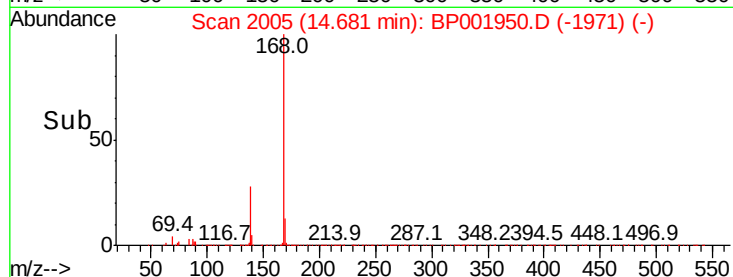
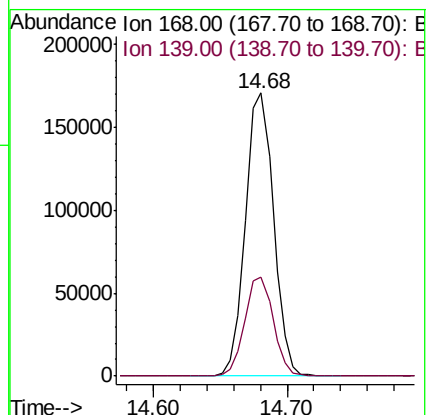
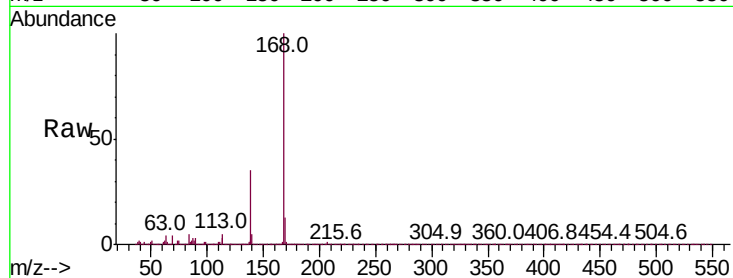
ClientSampleId :

Tot Ion:168 Resp: 248252

Ion Ratio Lower Upper

168 100

139 34.9 28.3 42.5



#55

2,4-Dinitrotoluene

Concen: 2.874 ng/ul

RT: 14.65 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

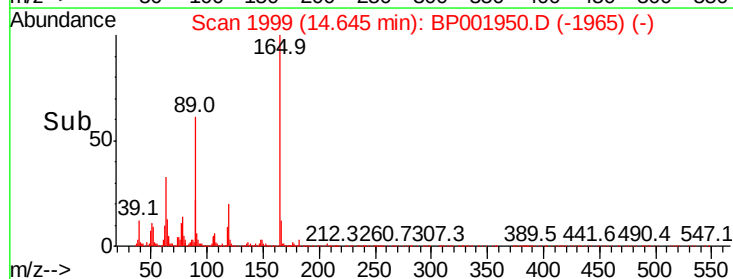
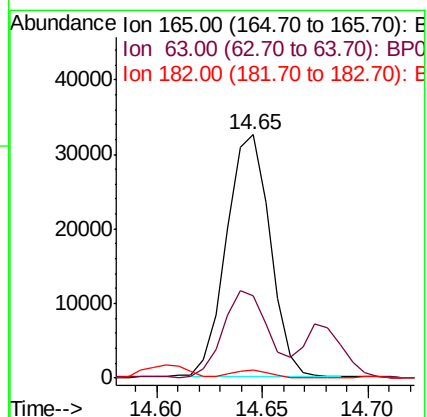
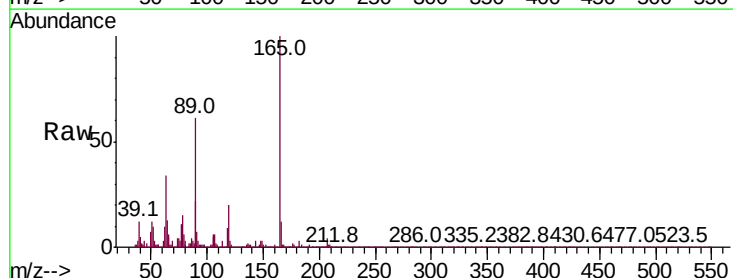
Tgt Ion:165 Resp: 46334

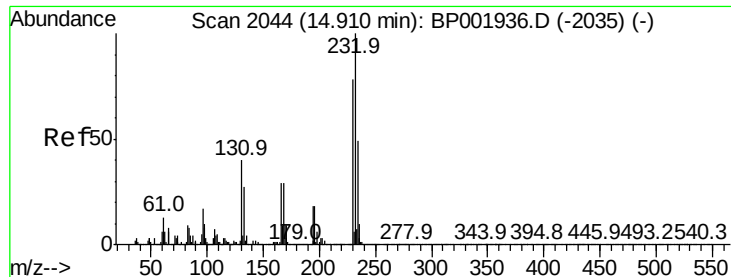
Ion Ratio Lower Upper

165 100

63 33.7 25.8 38.6

182 3.1 2.6 3.8

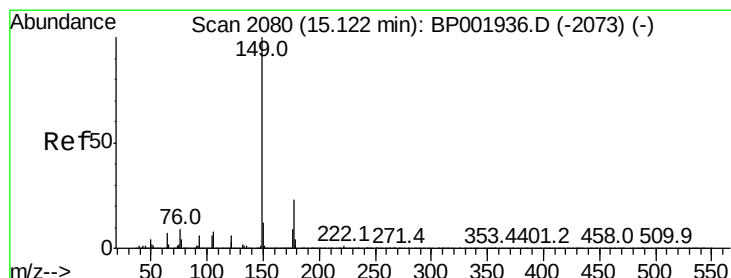
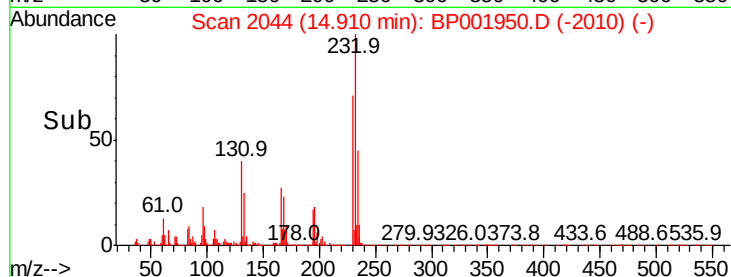
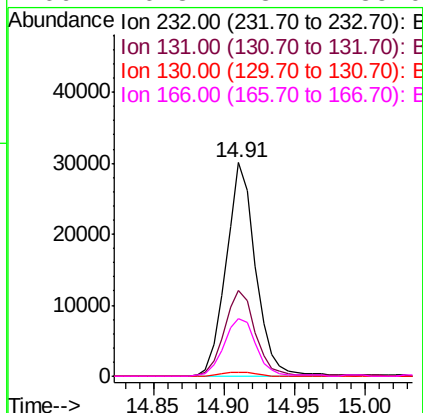
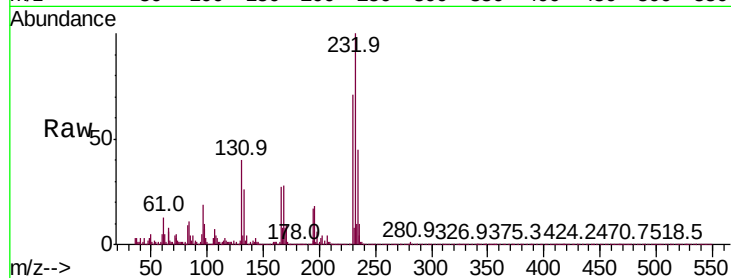




#56  
2,3,4,6-Tetrachlorophenol  
Concen: 2.914 ng/ul  
RT: 14.91 min Scan# 2044  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

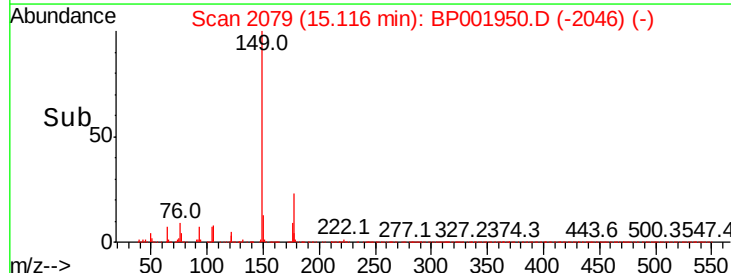
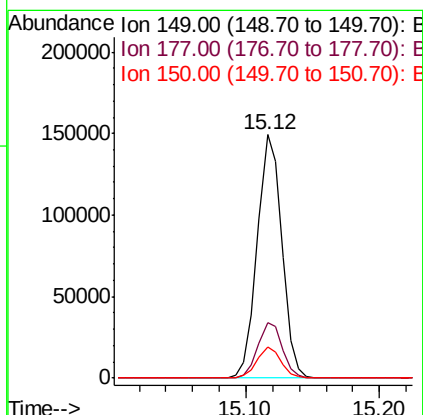
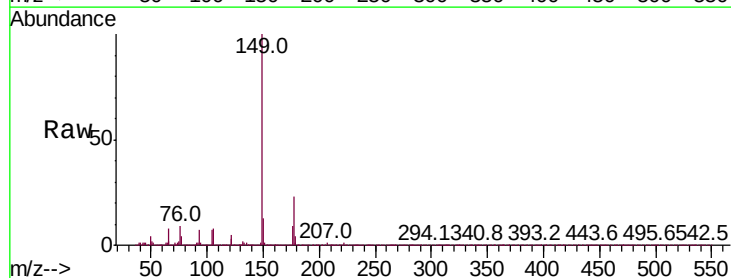
Instrument :  
BNA\_P  
ClientSampleId :

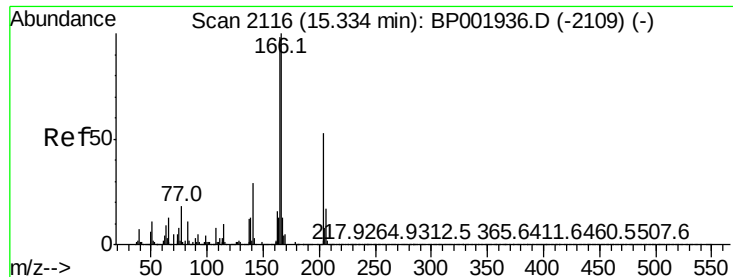
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 232   | Resp: | 43832 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 40.4  | 32.4  | 48.6  |
| 130      | 2.1   | 1.6   | 2.4   |
| 166      | 26.8  | 23.4  | 35.0  |



#57  
Diethylphthalate  
Concen: 3.452 ng/ul  
RT: 15.12 min Scan# 2079  
Delta R.T. -0.01 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 188985 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.7  | 18.6  | 28.0   |
| 150      | 12.6  | 9.7   | 14.5   |





#59

Fluorene

Concen: 3.876 ng/ul

RT: 15.33 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

Instrument :

BNA\_P

ClientSampleId :

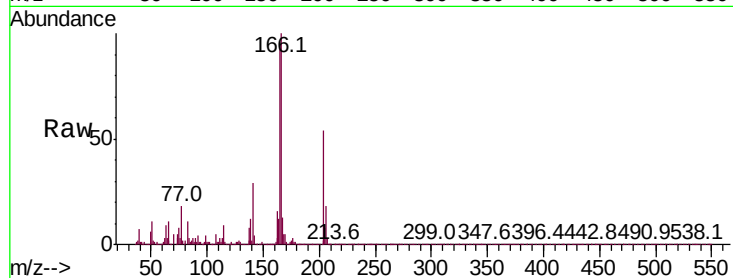
Tot Ion:166 Resp: 200445

Ion Ratio Lower Upper

166 100

165 95.5 78.1 117.1

167 13.1 10.7 16.1

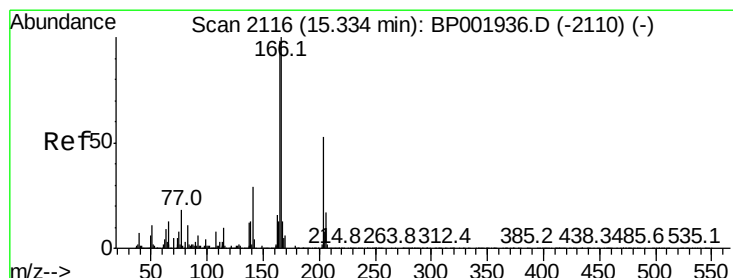
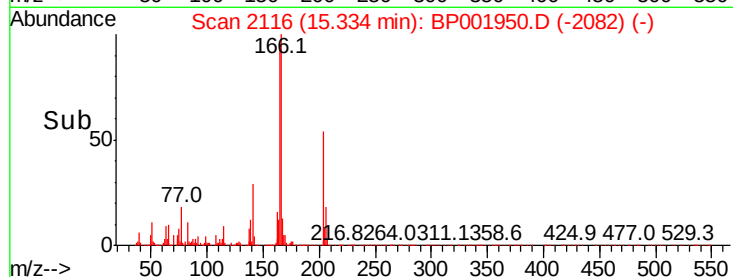
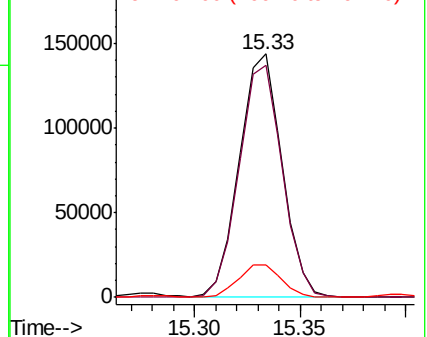


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 3.852 ng/ul

RT: 15.33 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

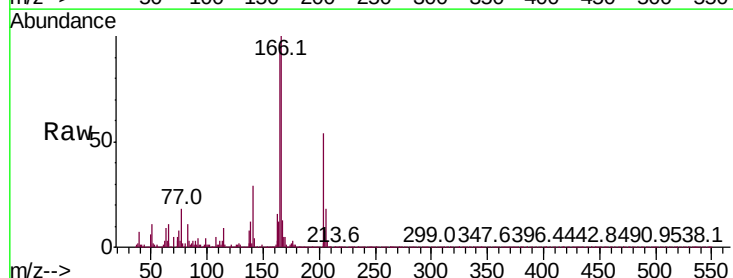
Tgt Ion:204 Resp: 104970

Ion Ratio Lower Upper

204 100

206 33.5 26.0 39.0

141 53.3 44.6 67.0

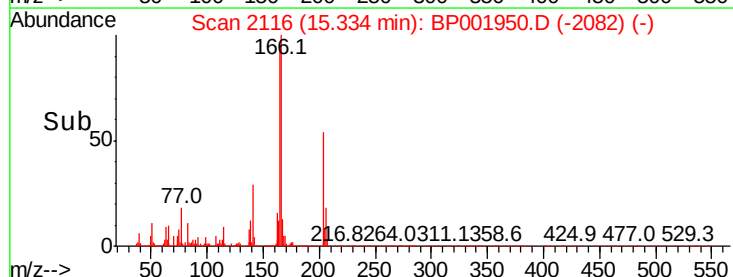
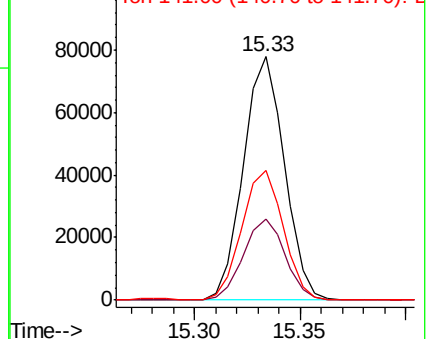


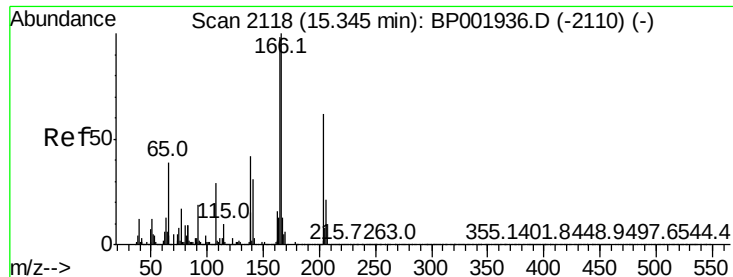
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

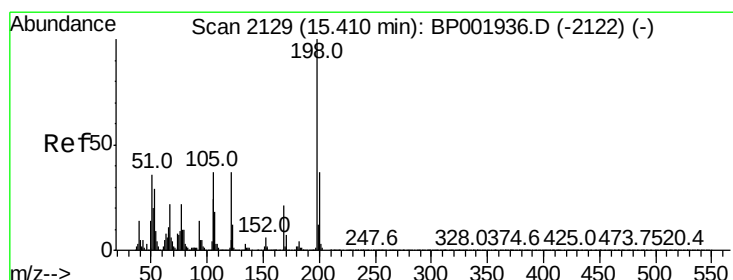
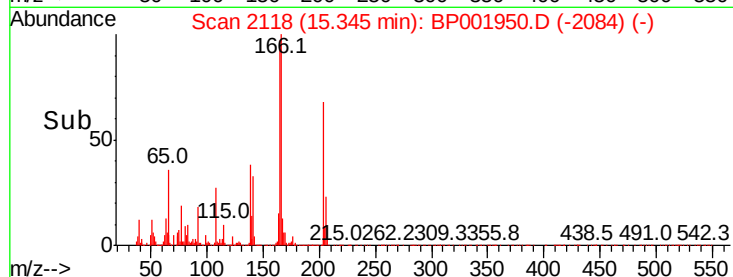
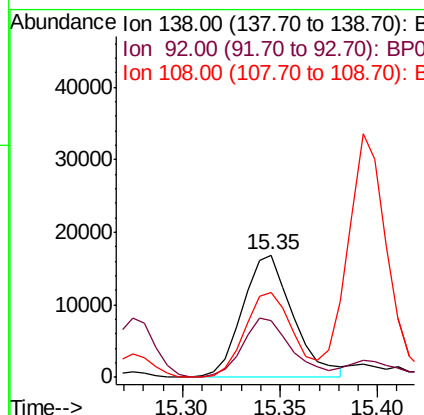
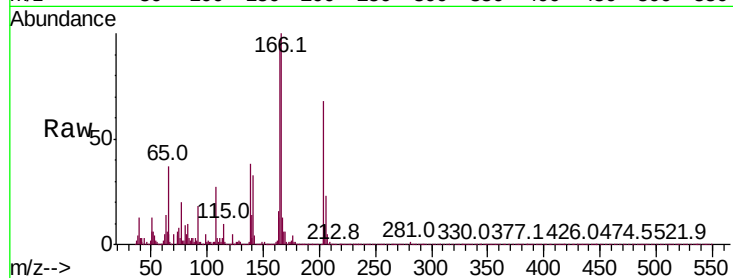




#61  
4-Nitroaniline  
Concen: 2.759 ng/ul  
RT: 15.35 min Scan# 2118  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

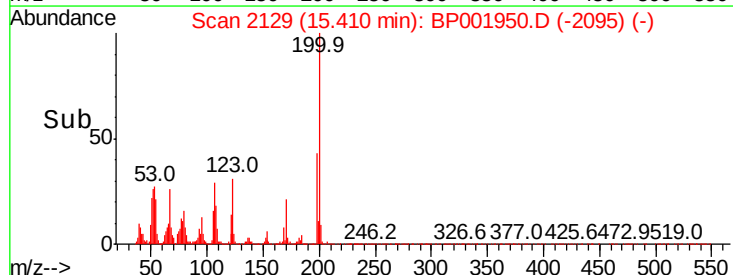
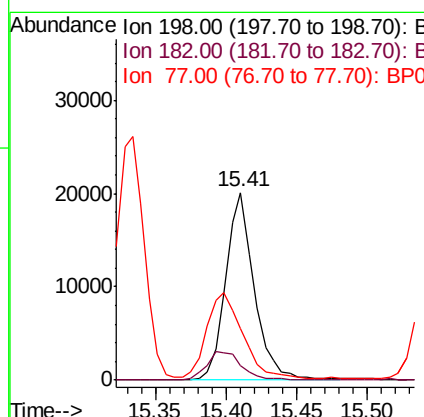
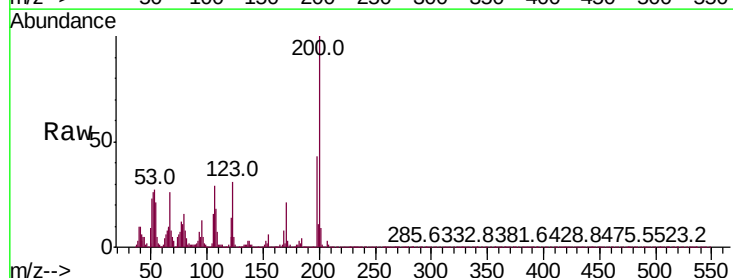
Instrument :  
BNA\_P  
ClientSampled :

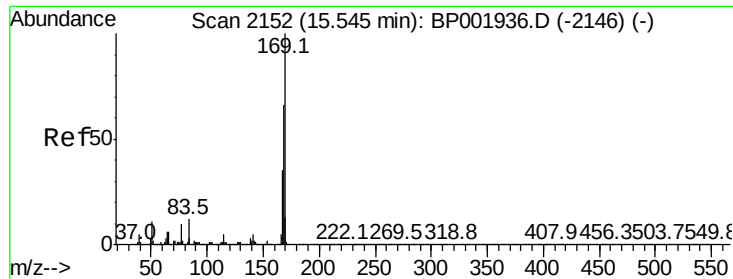
Tot Ion:138 Resp: 30102  
Ion Ratio Lower Upper  
138 100  
92 46.4 36.4 54.6  
108 69.9 56.1 84.1



#64  
4,6-Dinitro-2-methylphenol  
Concen: 3.035 ng/ul  
RT: 15.41 min Scan# 2129  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

Tgt Ion:198 Resp: 28322  
Ion Ratio Lower Upper  
198 100  
182 7.7 3.4 5.2#  
77 27.3 17.7 26.5#

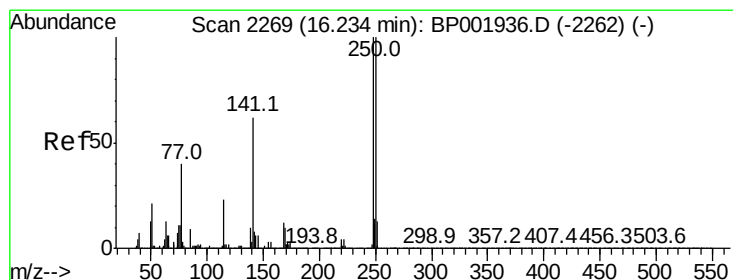
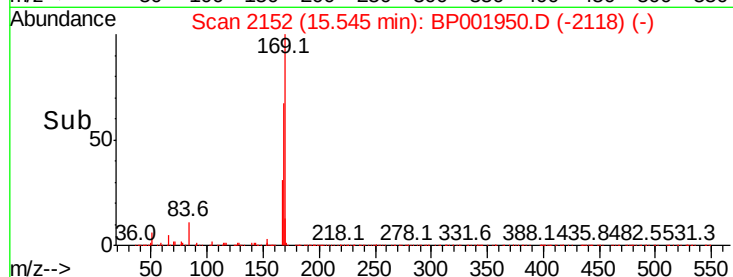
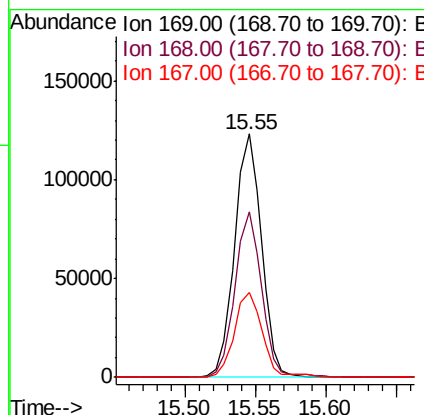
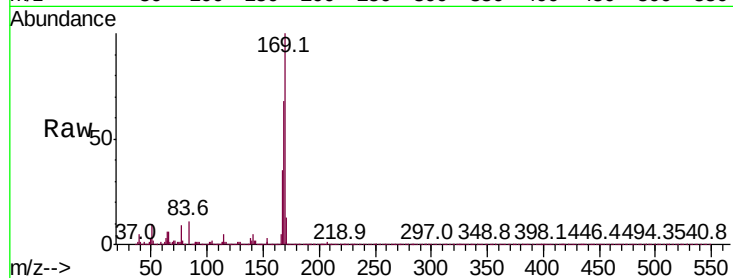




#65  
N-Nitrosodiphenylamine  
Concen: 3.693 ng/ul  
RT: 15.55 min Scan# 2152  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

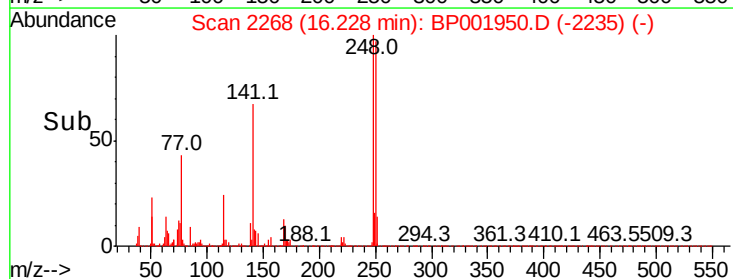
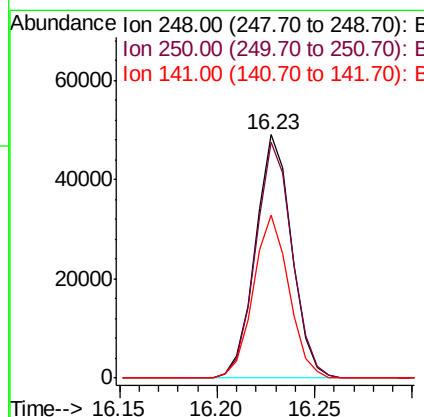
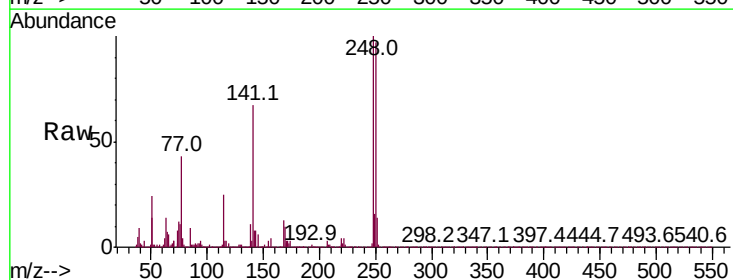
Instrument :  
BNA\_P  
ClientSampleId :

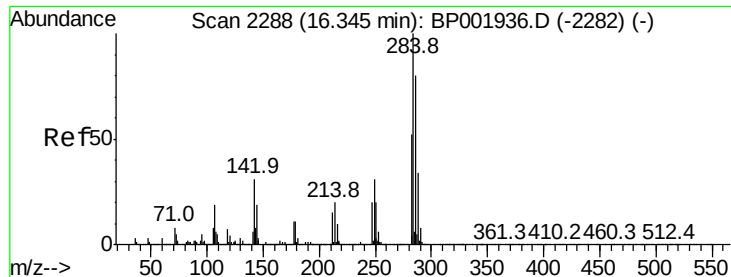
Tot Ion:169 Resp: 163409  
Ion Ratio Lower Upper  
169 100  
168 68.0 53.0 79.6  
167 34.9 28.4 42.6



#66  
4-Bromophenyl-phenylether  
Concen: 3.557 ng/ul  
RT: 16.23 min Scan# 2268  
Delta R.T. -0.01 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

Tgt Ion:248 Resp: 63359  
Ion Ratio Lower Upper  
248 100  
250 97.1 79.6 119.4  
141 67.1 49.8 74.6

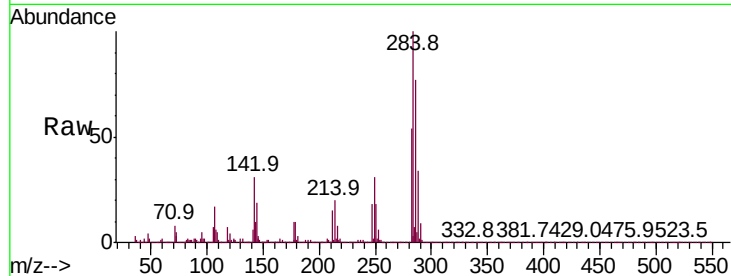




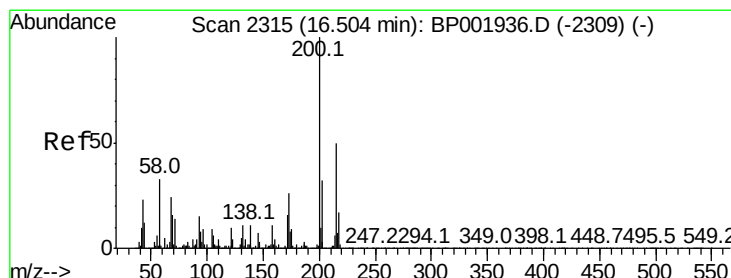
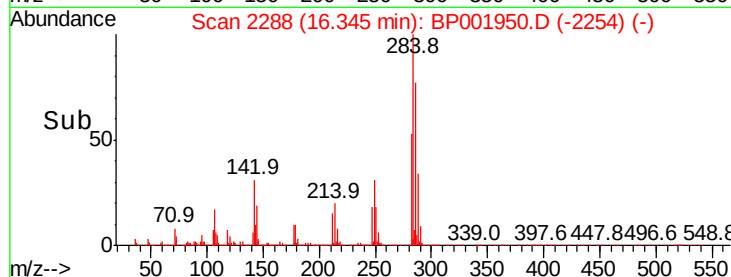
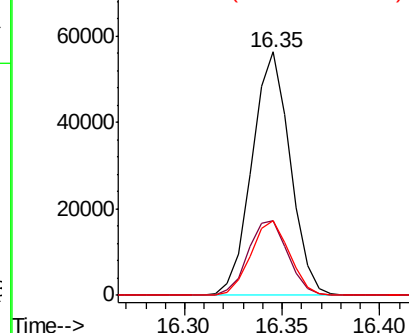
#67  
Hexachlorobenzene  
Concen: 3.771 ng/ul  
RT: 16.35 min Scan# 2288  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.8  | 24.5  | 36.7  |
| 249     | 30.6  | 24.9  | 37.3  |

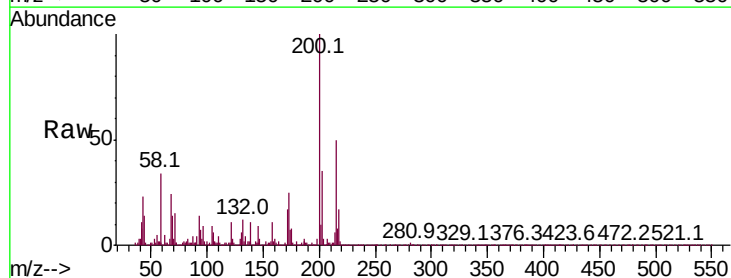


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

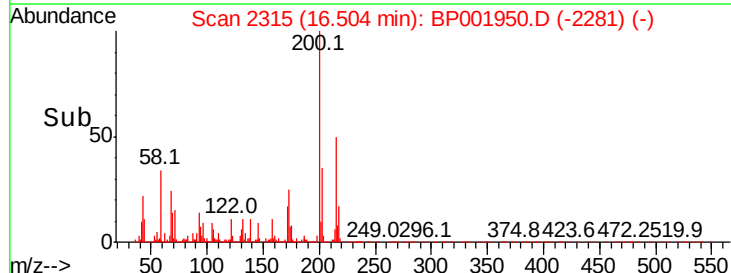
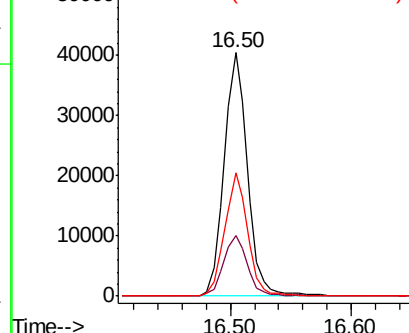


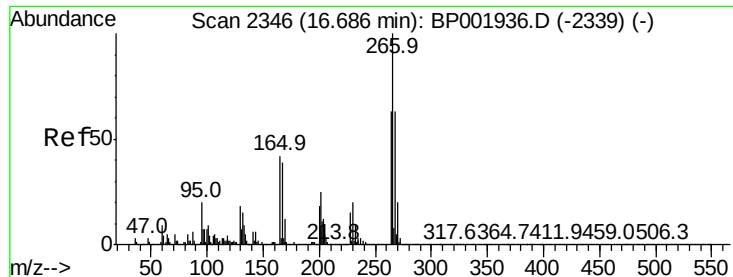
#68  
Atrazine  
Concen: 3.067 ng/ul  
RT: 16.50 min Scan# 2315  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.7  | 20.9  | 31.3  |
| 215     | 50.4  | 40.3  | 60.5  |



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

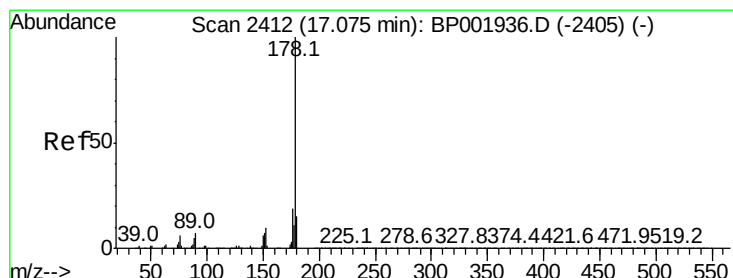
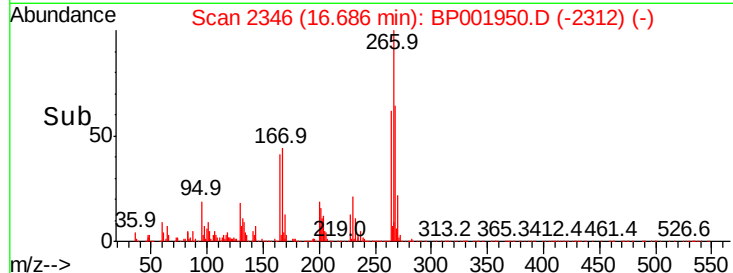
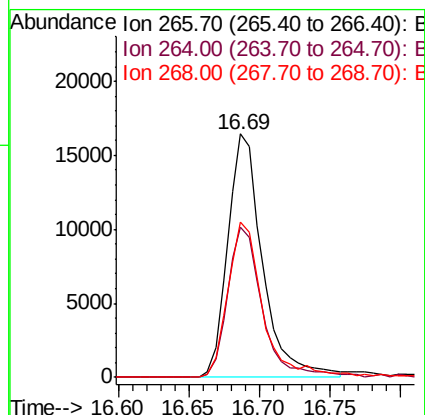
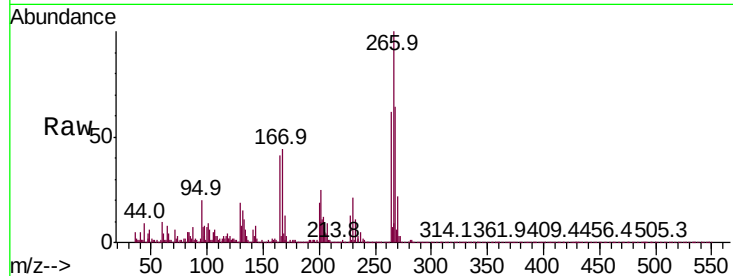




#69  
 Pentachlorophenol  
 Concen: 2.254 ng/ul  
 RT: 16.69 min Scan# 2346  
 Delta R.T. -0.00 min  
 Lab File: BP001950.D  
 Acq: 28 Feb 2020 18:41

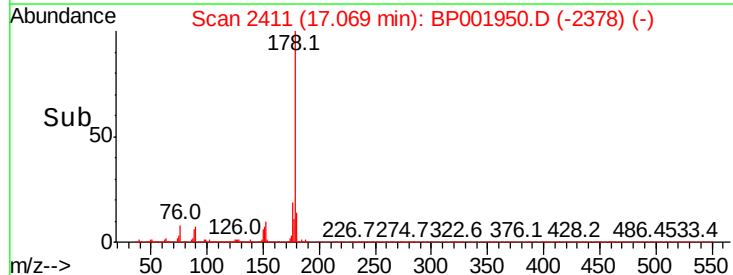
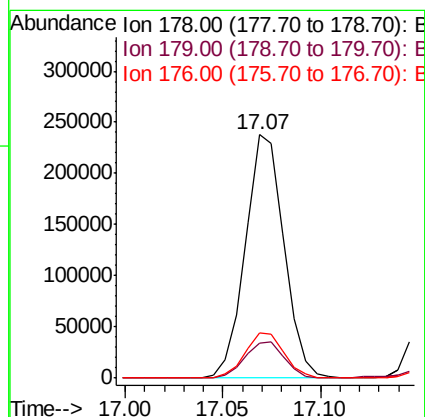
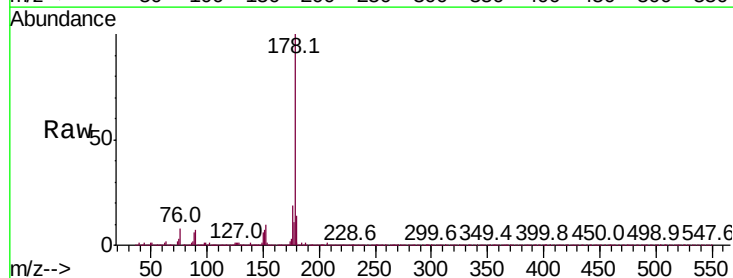
Instrument :  
 BNA\_P  
 ClientSampleId :

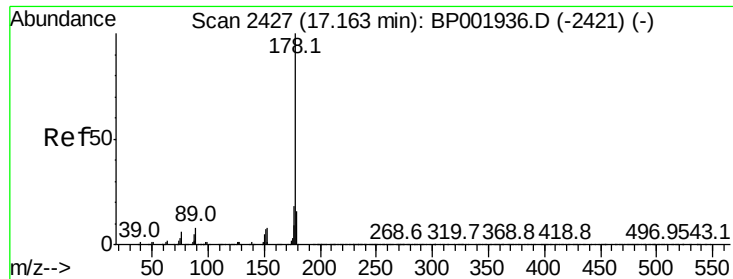
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 61.7  | 50.1  | 75.1  |
| 268     | 63.9  | 50.3  | 75.5  |



#70  
 Phenanthrene  
 Concen: 3.793 ng/ul  
 RT: 17.07 min Scan# 2411  
 Delta R.T. -0.01 min  
 Lab File: BP001950.D  
 Acq: 28 Feb 2020 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.5  | 12.2  | 18.2  |
| 176     | 18.5  | 14.9  | 22.3  |





#72

Anthracene

Concen: 3.824 ng/ul

RT: 17.16 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

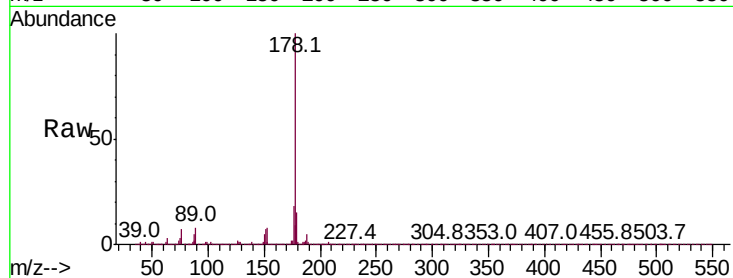
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:178 Resp: 324180

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.3  | 12.8  | 19.2  |
| 176 | 18.1  | 14.6  | 22.0  |

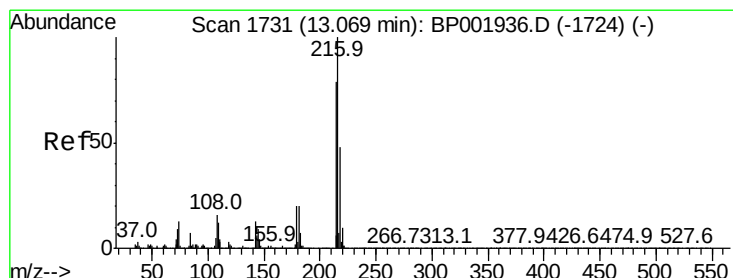
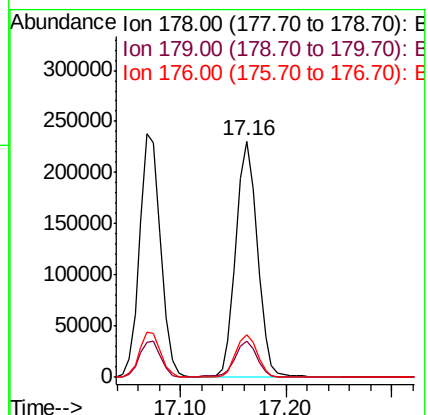
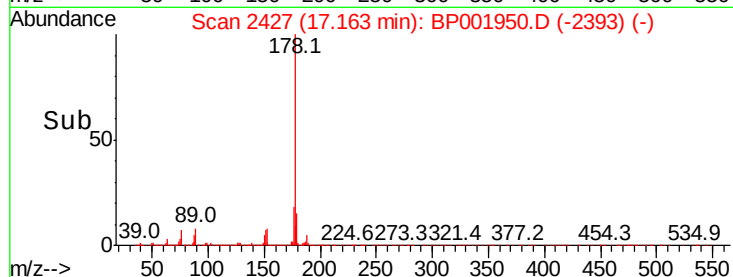


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.938 ng/uL

RT: 13.07 min Scan# 1731

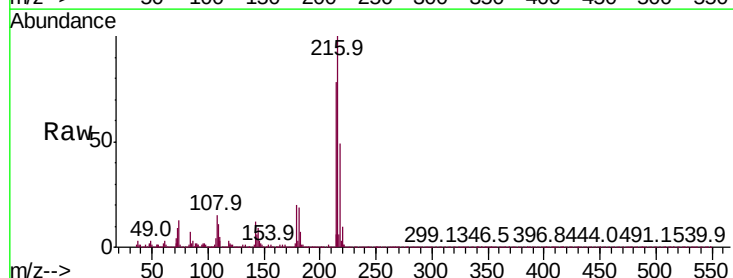
Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

Tgt Ion:216 Resp: 98334

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 77.8  | 63.1  | 94.7  |
| 218 | 48.7  | 38.2  | 57.2  |

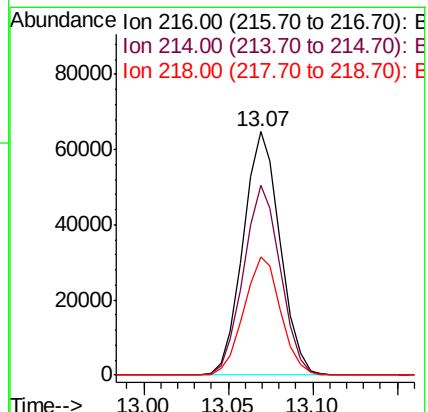
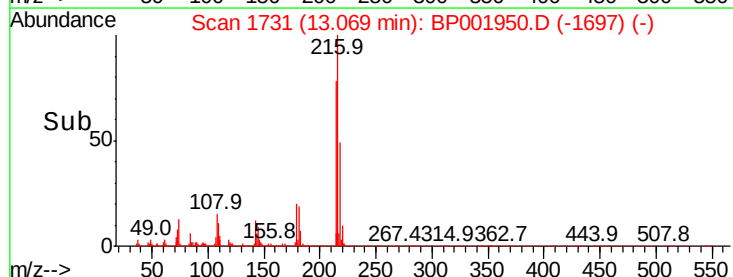


Abundance

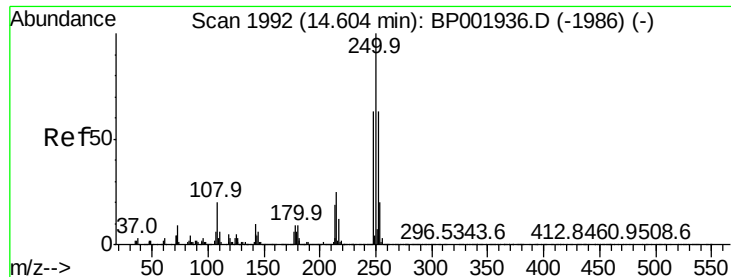
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E







#74

Pentachlorobenzene

Concen: 3.606 ng/uL

RT: 14.60 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

Instrument :

BNA\_P

ClientSampled :

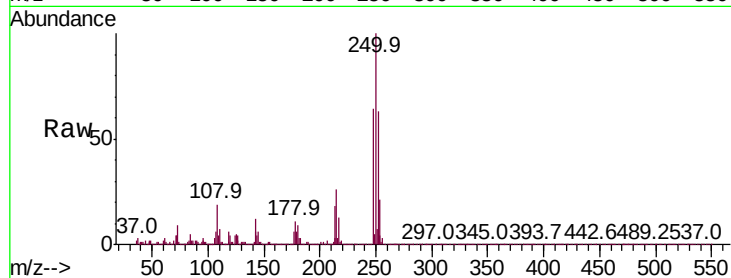
Tot Ion:250 Resp: 88916

Ion Ratio Lower Upper

250 100

248 64.2 50.3 75.5

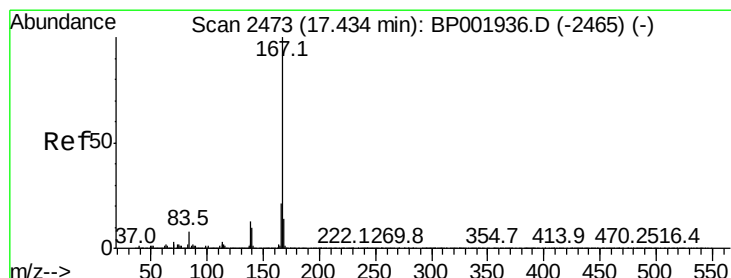
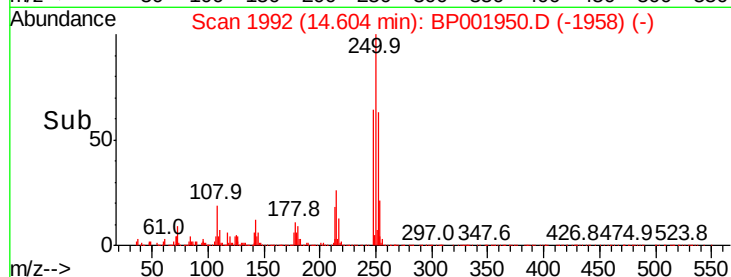
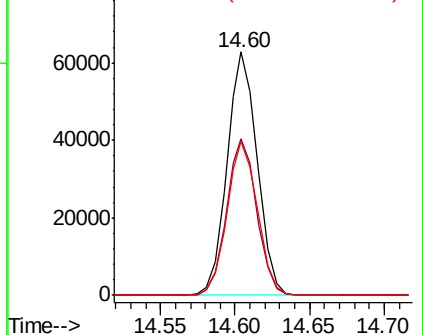
252 63.0 50.3 75.5



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 3.560 ng/uL

RT: 17.43 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

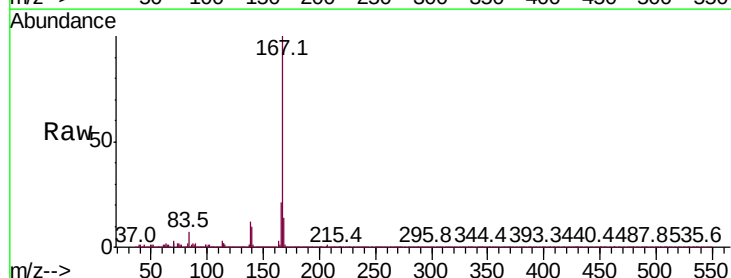
Tgt Ion:167 Resp: 254116

Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

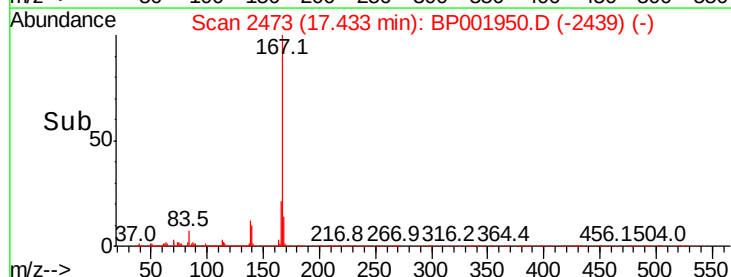
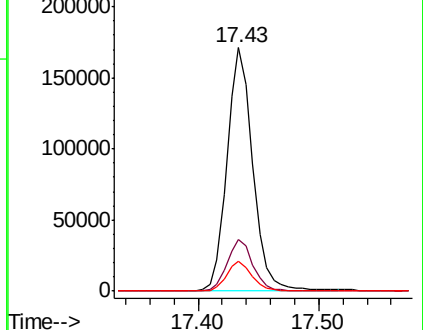
139 12.4 10.1 15.1

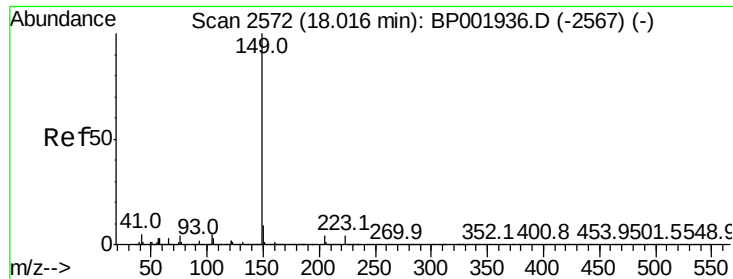


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

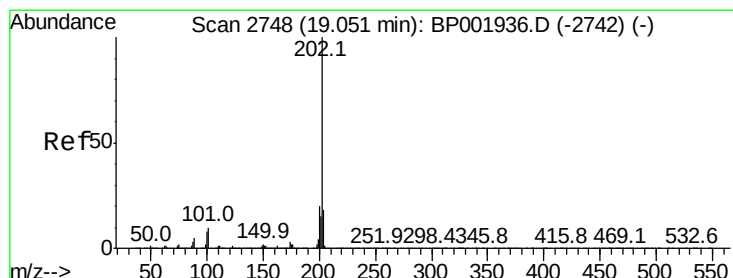
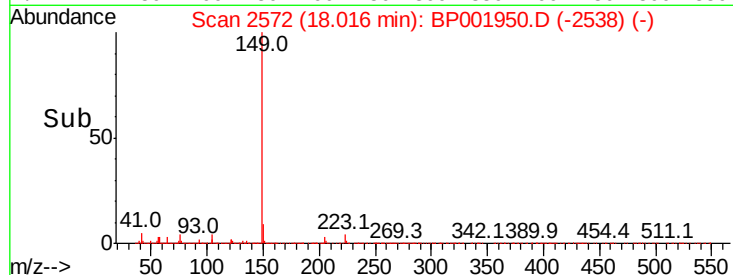
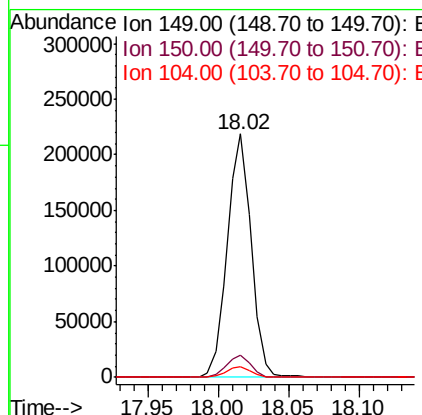
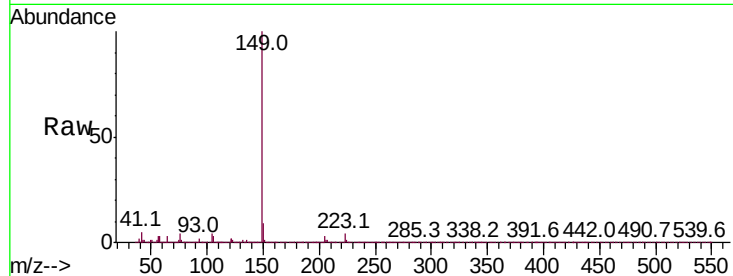




#76  
Di-n-butylphthalate  
Concen: 2.800 ng/ul  
RT: 18.02 min Scan# 2572  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

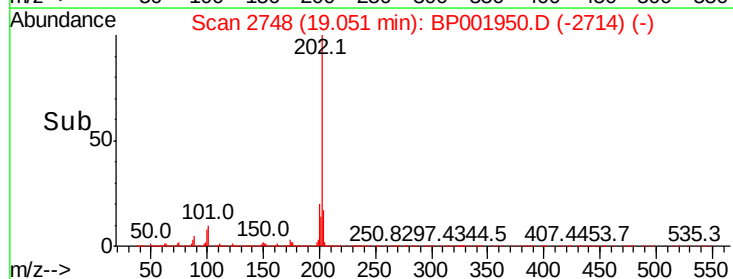
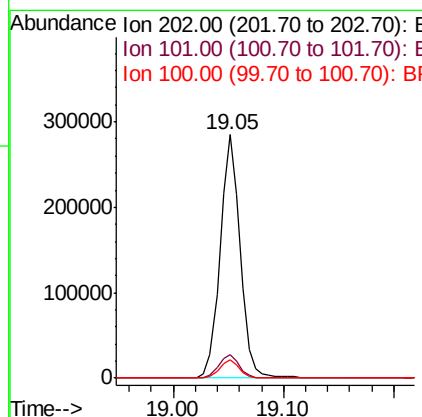
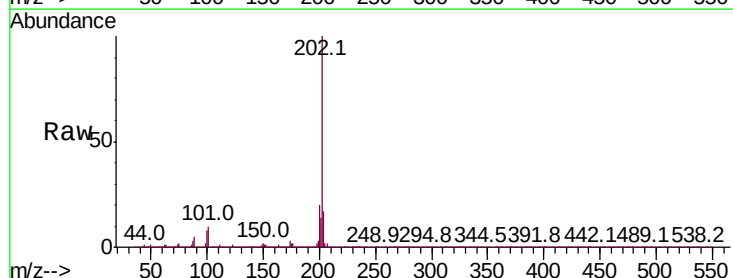
Instrument :  
BNA\_P  
ClientSampled :

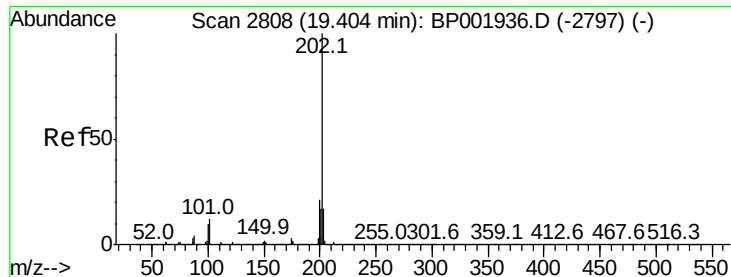
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.3   | 10.9  |
| 104     | 4.4   | 3.7   | 5.5   |



#77  
Fluoranthene  
Concen: 3.633 ng/ul  
RT: 19.05 min Scan# 2748  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.8   | 8.2   | 12.2  |
| 100     | 7.5   | 6.3   | 9.5   |

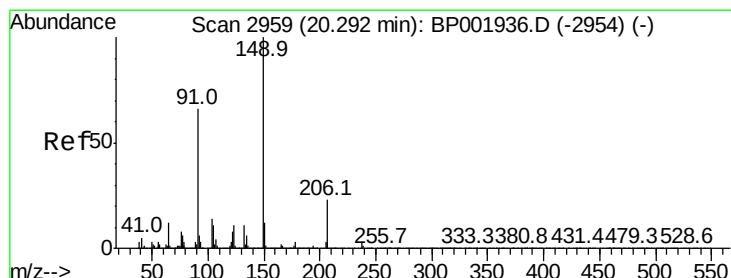
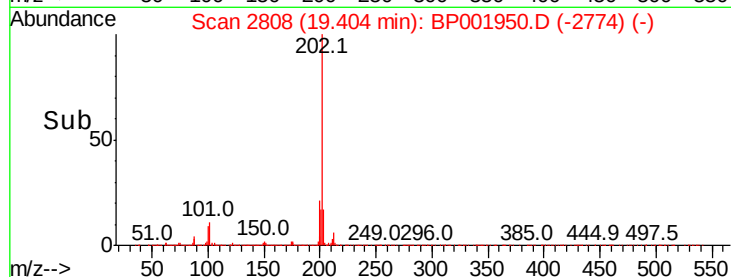
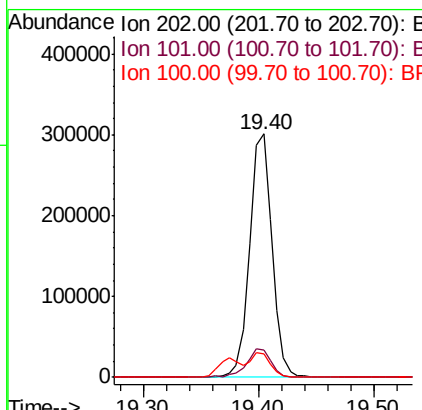
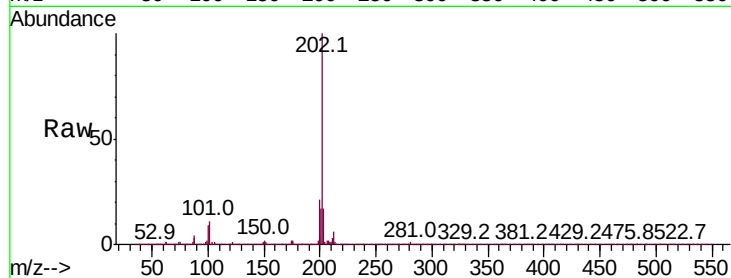




#80  
Pvrene  
Concen: 3.823 ng/ul  
RT: 19.40 min Scan# 2808  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

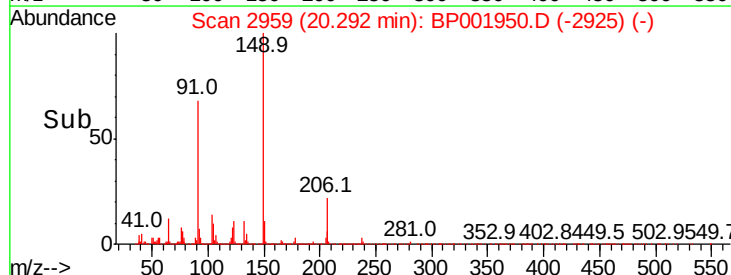
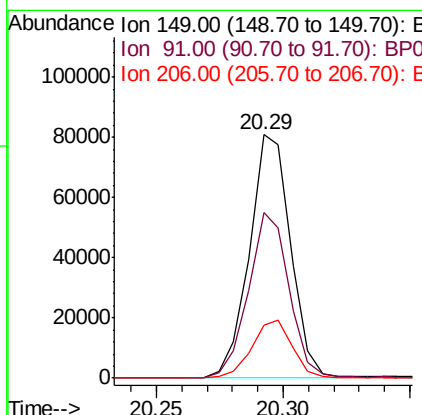
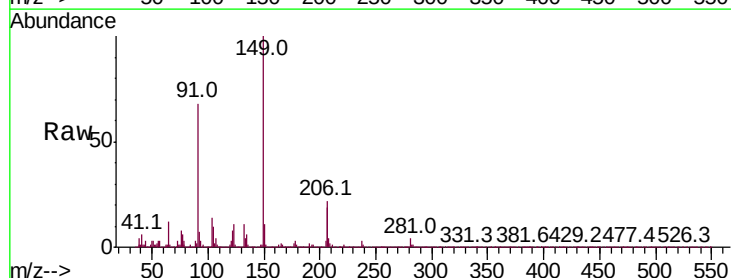
Instrument :  
BNA\_P  
ClientSampleId :

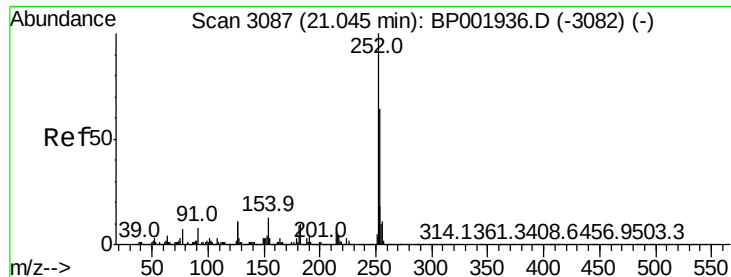
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.1  | 9.3   | 13.9  |
| 100     | 9.4   | 7.6   | 11.4  |



#81  
Butylbenzylphthalate  
Concen: 2.121 ng/ul  
RT: 20.29 min Scan# 2959  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.2  | 52.6  | 79.0  |
| 206     | 22.0  | 18.0  | 27.0  |





#82

3,3'-Dichlorobenzidine

Concen: 2.551 ng/ul

RT: 21.05 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

Instrument :

BNA\_P

ClientSampled :

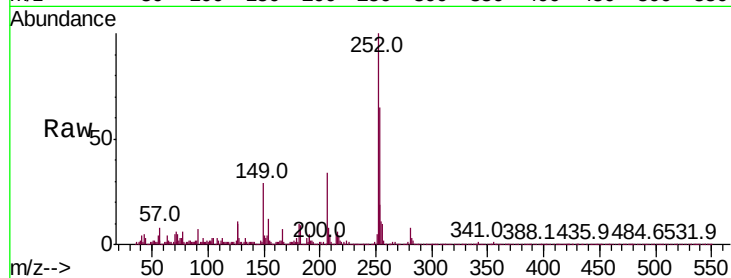
Tot Ion:252 Resp: 90946

Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.6

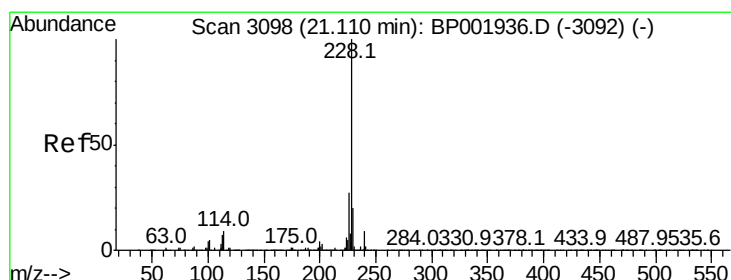
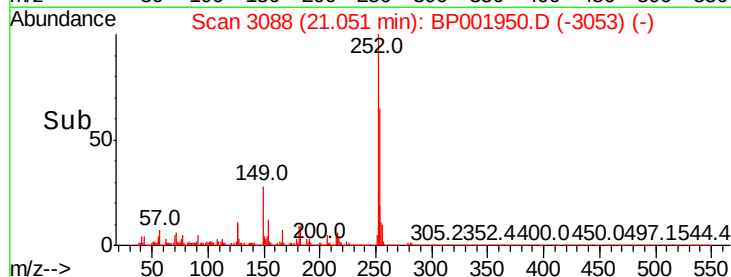
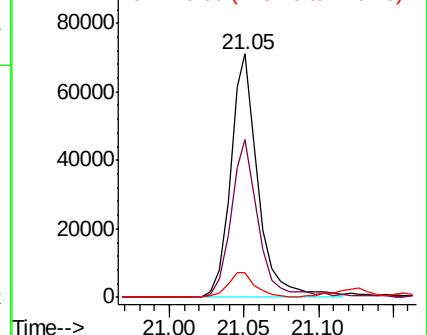
126 10.1 8.8 13.2



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: 3.638 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

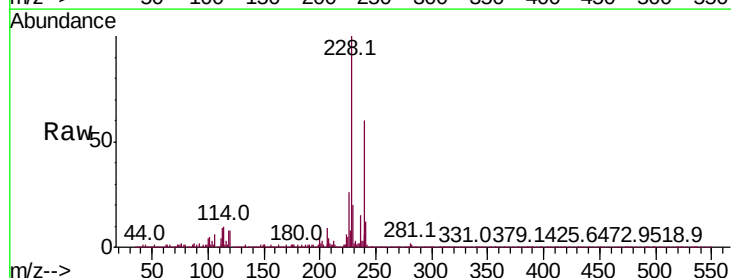
Tgt Ion:228 Resp: 384356

Ion Ratio Lower Upper

228 100

229 20.3 15.7 23.5

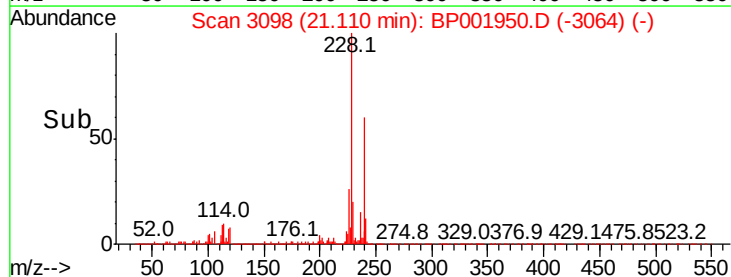
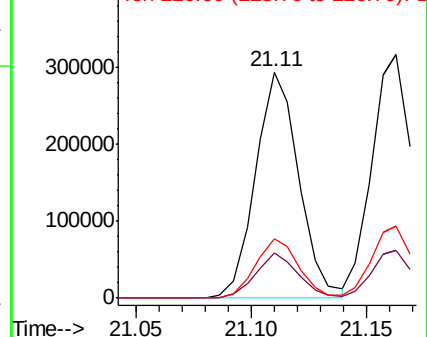
226 26.4 21.4 32.0

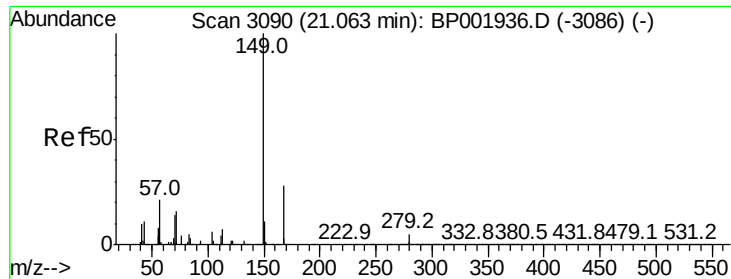


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

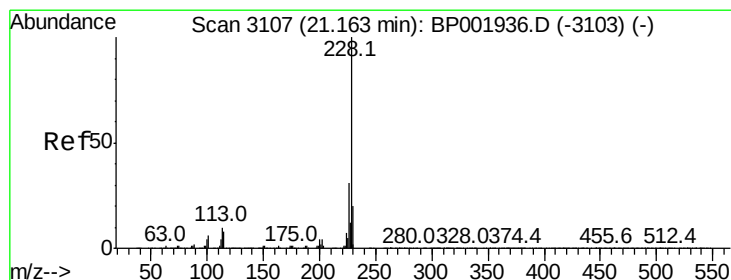
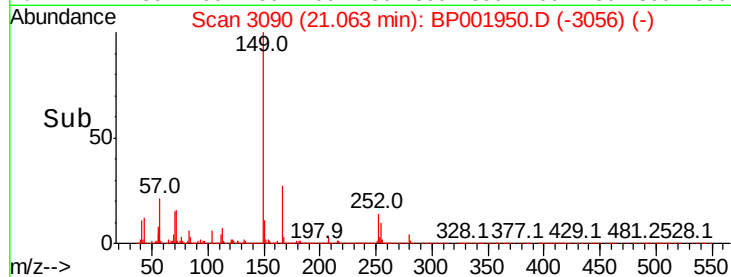
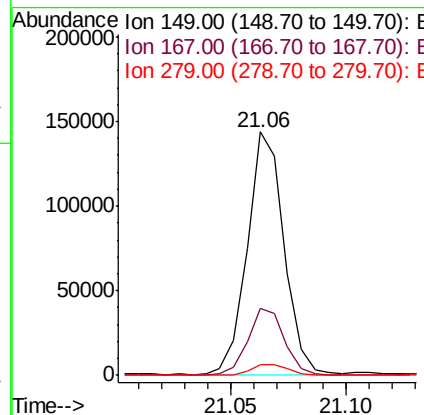
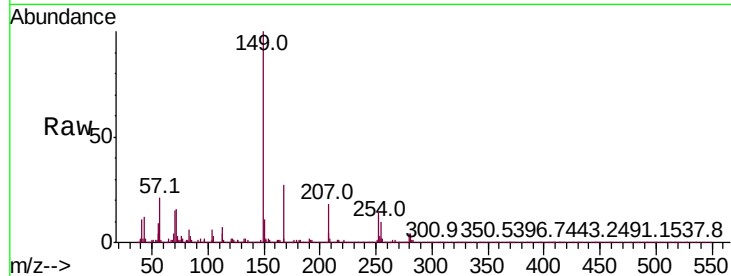




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.507 ng/ul  
 RT: 21.06 min Scan# 3090  
 Delta R.T. -0.00 min  
 Lab File: BP001950.D  
 Acq: 28 Feb 2020 18:41

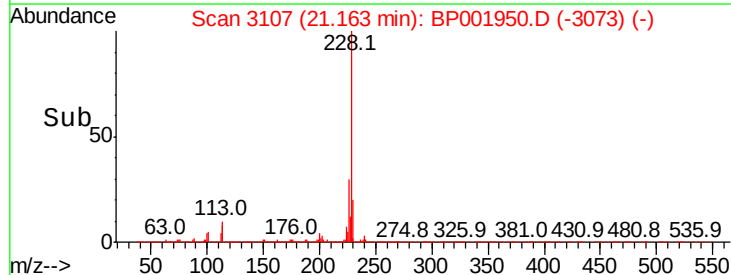
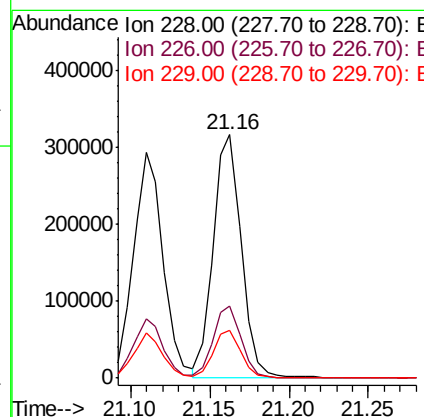
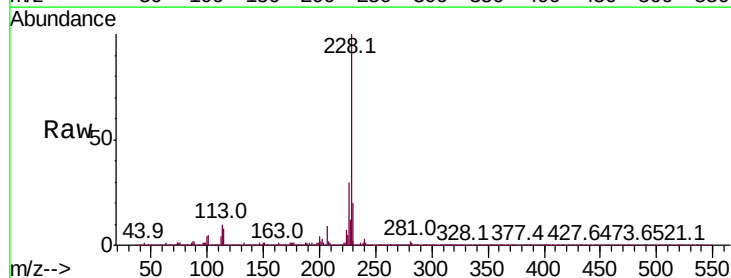
Instrument :  
 BNA\_P  
 ClientSampleId :

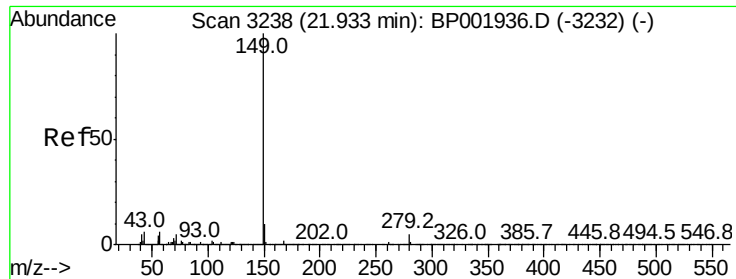
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.4  | 22.7  | 34.1  |
| 279     | 4.2   | 3.6   | 5.4   |



#85  
 Chrysene  
 Concen: 3.879 ng/ul  
 RT: 21.16 min Scan# 3107  
 Delta R.T. -0.00 min  
 Lab File: BP001950.D  
 Acq: 28 Feb 2020 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.7  | 24.4  | 36.6  |
| 229     | 19.6  | 15.9  | 23.9  |



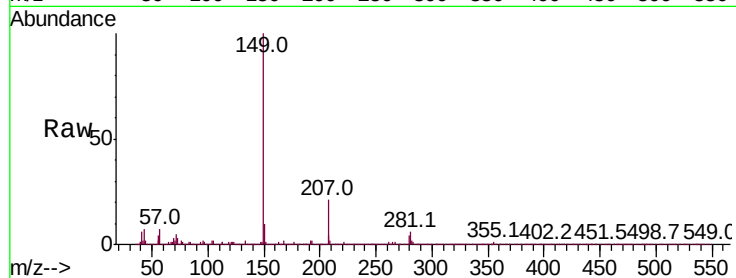


#87

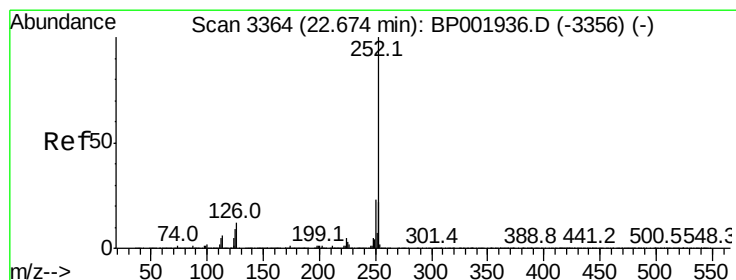
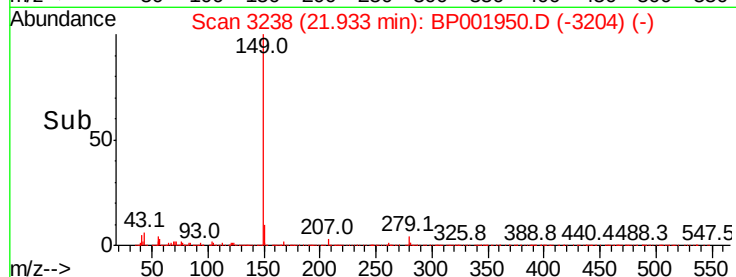
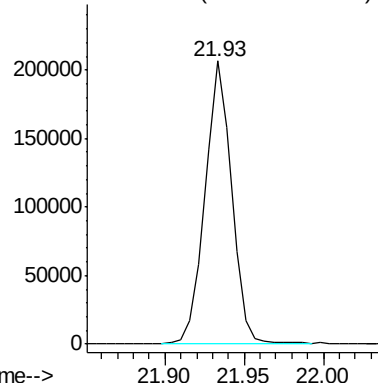
Di-n-octyl phthalate  
 Concen: 2.274 ng/ul  
 RT: 21.93 min Scan# 3238  
 Delta R.T. -0.00 min  
 Lab File: BP001950.D  
 Acq: 28 Feb 2020 18:41

Instrument :  
 BNA\_P  
 ClientSampleId :

Tgt Ion:149 Resp: 237510



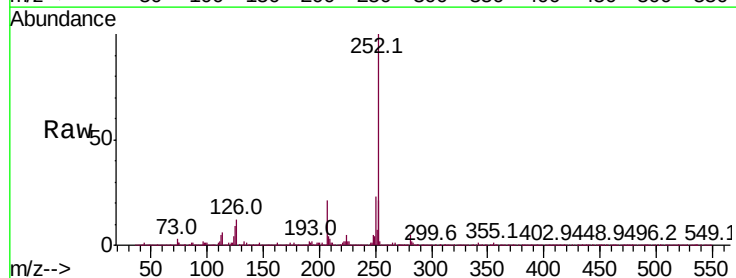
Abundance Ion 149.00 (148.70 to 149.70): E



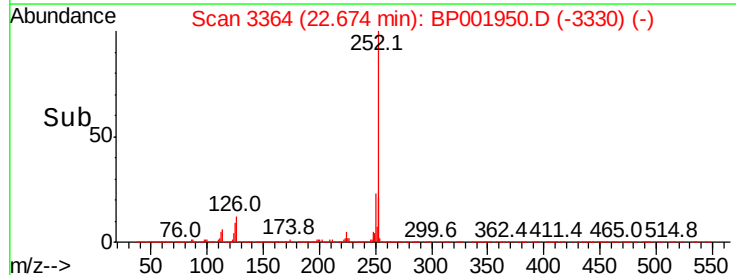
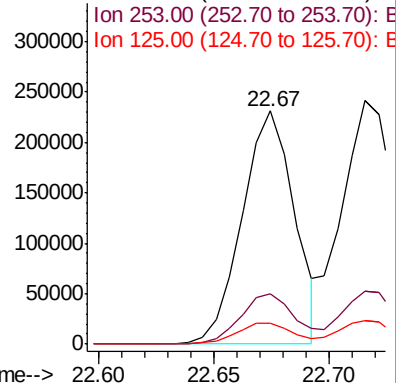
#88

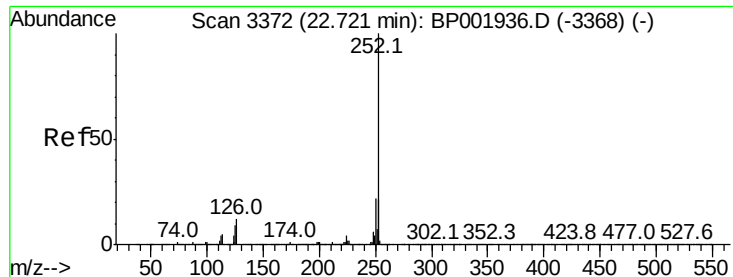
Benzo(b)fluoranthene  
 Concen: 3.270 ng/ul  
 RT: 22.67 min Scan# 3364  
 Delta R.T. -0.00 min  
 Lab File: BP001950.D  
 Acq: 28 Feb 2020 18:41

Tgt Ion:252 Resp: 363130  
 Ion Ratio Lower Upper  
 252 100  
 253 21.4 17.5 26.3  
 125 9.1 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

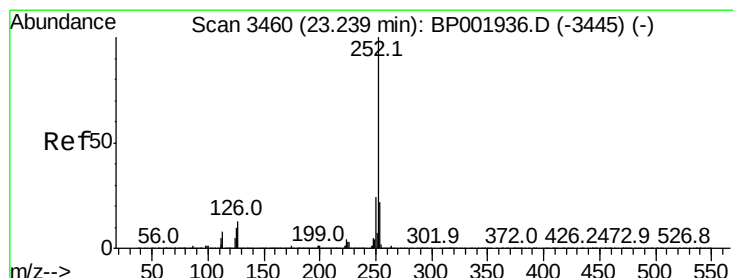
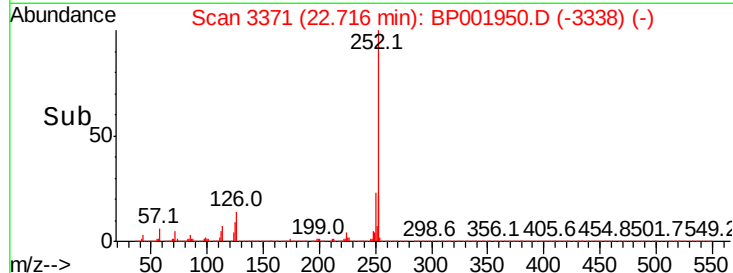
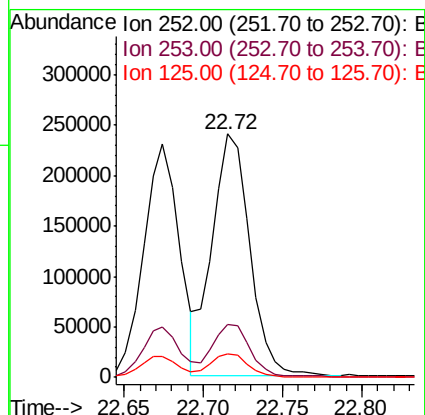
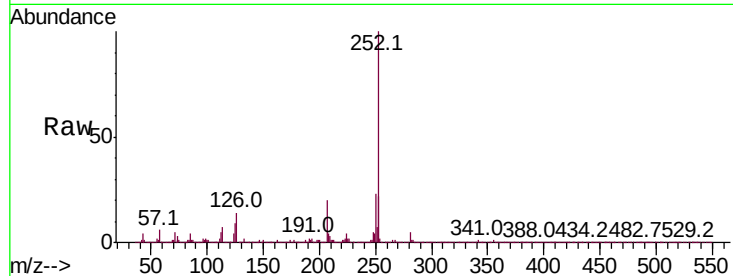




#89  
Benzo(k)fluoranthene  
Concen: 3.660 ng/ul  
RT: 22.72 min Scan# 3371  
Delta R.T. -0.01 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

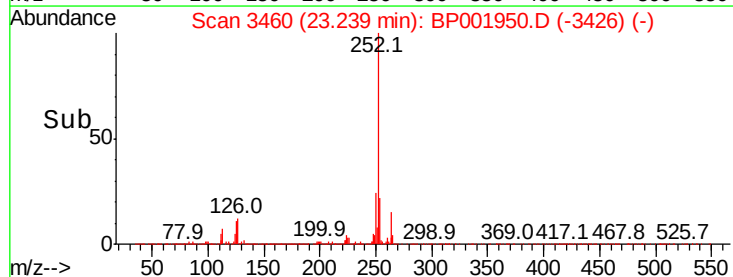
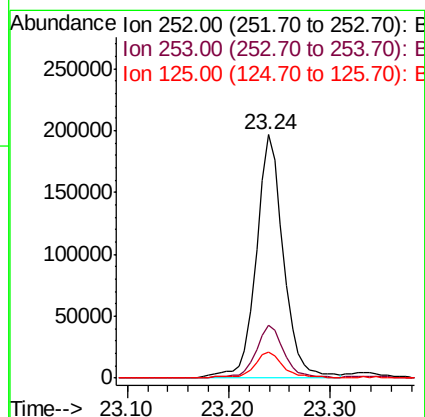
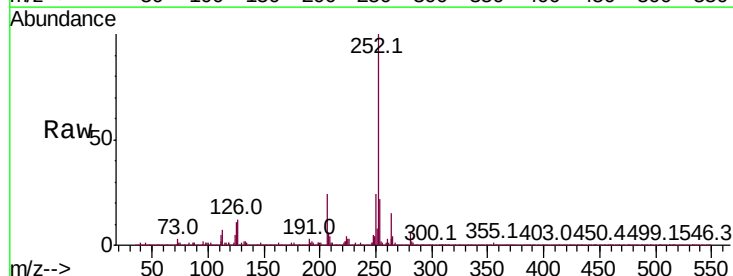
Instrument :  
BNA\_P  
ClientSampleId :

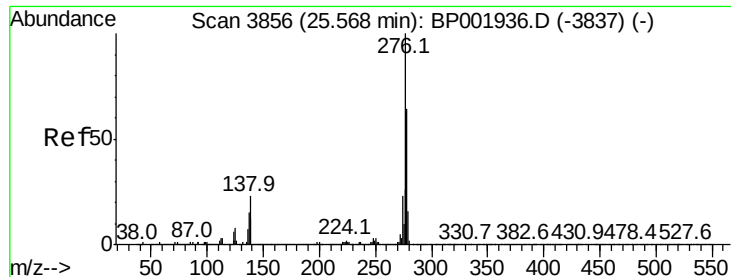
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.5  | 26.3  |
| 125     | 9.4   | 7.4   | 11.0  |



#91  
Benzo(a)pyrene  
Concen: 3.606 ng/ul  
RT: 23.24 min Scan# 3460  
Delta R.T. -0.00 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.4  | 26.0  |
| 125     | 10.8  | 8.2   | 12.2  |



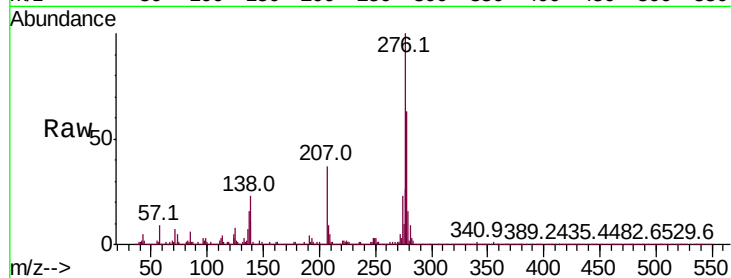


#92

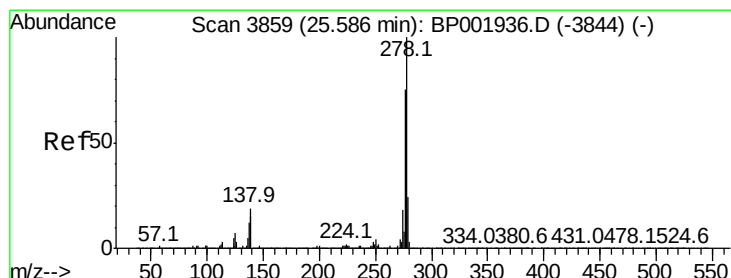
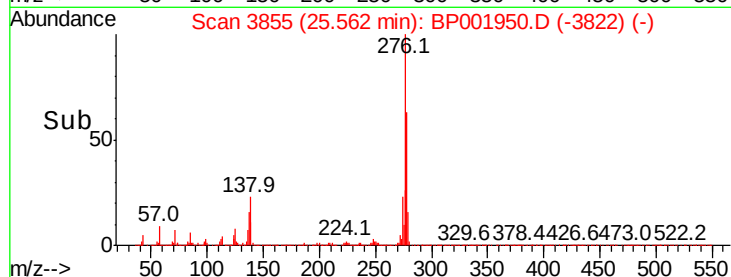
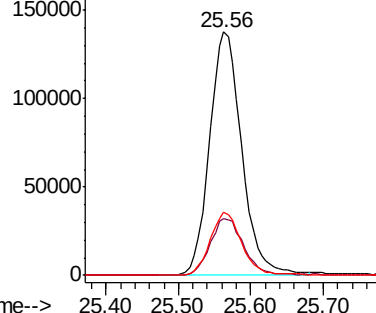
Indeno(1,2,3-cd)pyrene  
Concen: 3.257 ng/ul  
RT: 25.56 min Scan# 3855  
Delta R.T. -0.01 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.3  | 18.6  | 28.0  |
| 277     | 26.2  | 20.4  | 30.6  |



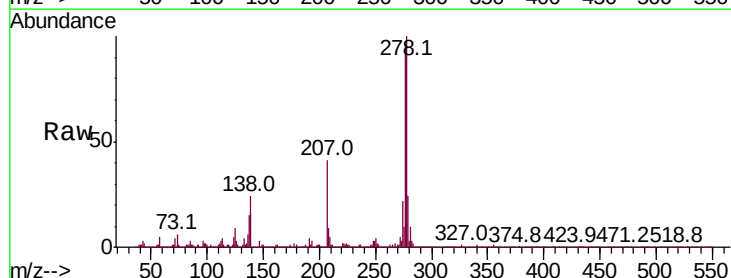
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



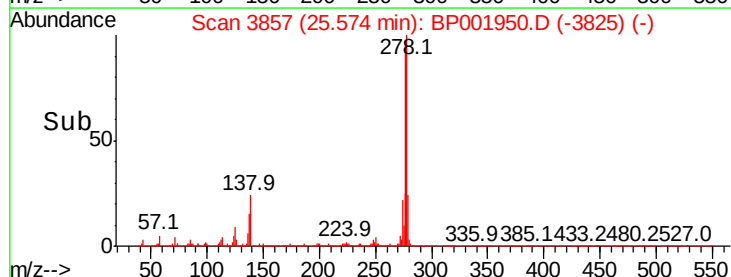
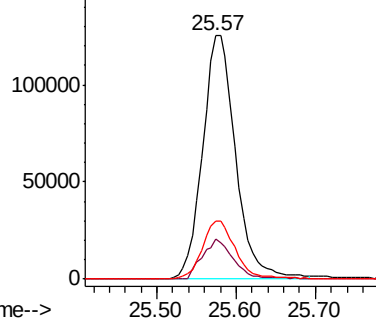
#93

Dibenzo(a,h)anthracene  
Concen: 3.348 ng/ul  
RT: 25.57 min Scan# 3857  
Delta R.T. -0.01 min  
Lab File: BP001950.D  
Acq: 28 Feb 2020 18:41

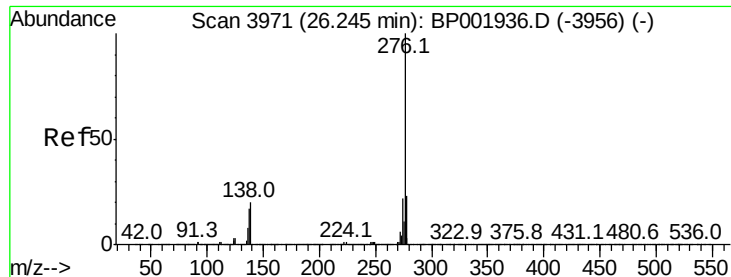
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.3  | 12.1  | 18.1  |
| 279     | 24.0  | 19.1  | 28.7  |



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E







#94

Benzo(a,h,i)perylene

Concen: 3.236 ng/ul

RT: 26.24 min Scan# 3970

Delta R.T. -0.01 min

Lab File: BP001950.D

Acq: 28 Feb 2020 18:41

Instrument :

BNA\_P

ClientSampleId :

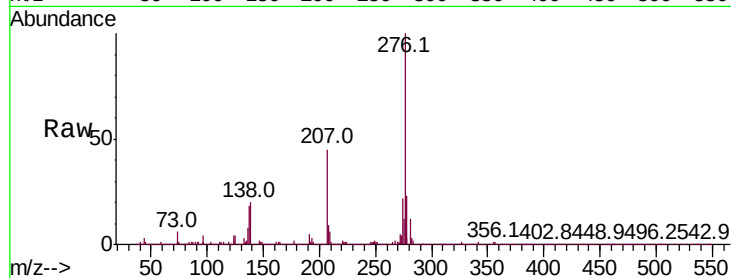
Tot Ion:276 Resp: 356892

Ion Ratio Lower Upper

276 100

138 20.0 16.2 24.2

277 23.2 18.1 27.1



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

