

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\  
 Data File : BP002841.D  
 Acq On : 23 Jul 2020 15:37  
 Operator : CG/JU  
 Sample : L3380-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Jul 23 17:11:11 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 13 10:54:03 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.54  | 152  | 90058    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.31 | 136  | 389935   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.20 | 164  | 186932   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.97 | 188  | 188837   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.08 | 240  | 320765   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.26 | 264  | 542250   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.17  | 112 | 675576  | 126.57 | ng | -0.01 |
| 7) Phenol-d6                | 6.75  | 99  | 933024  | 122.48 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 8.69  | 82  | 608209  | 83.42  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 15.72 | 330 | 206033  | 105.59 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 12.81 | 172 | 1190507 | 98.52  | ng | -0.01 |
| 79) Terphenyl-d14           | 19.57 | 244 | 811441  | 58.00  | ng | 0.01  |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.10  | 88  | 83030  | 35.679 | ng | 98   |
| 3) Pyridine                    | 3.49  | 79  | 216343 | 31.195 | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.40  | 42  | 109916 | 42.071 | ng | 93   |
| 6) Aniline                     | 6.88  | 93  | 239725 | 24.858 | ng | 99   |
| 8) 2-Chlorophenol              | 7.12  | 128 | 278873 | 46.958 | ng | 99   |
| 9) Benzaldehyde                | 6.69  | 77  | 219836 | 53.115 | ng | 97   |
| 10) Phenol                     | 6.78  | 94  | 364615 | 46.724 | ng | 97   |
| 11) bis(2-Chloroethyl)ether    | 6.98  | 93  | 277380 | 42.735 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 7.43  | 146 | 297415 | 43.674 | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 7.58  | 146 | 303493 | 44.408 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 7.89  | 146 | 291952 | 44.299 | ng | 99   |
| 15) Benzyl Alcohol             | 7.79  | 79  | 258445 | 50.698 | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.08  | 45  | 397465 | 42.579 | ng | 99   |
| 17) 2-Methylphenol             | 8.01  | 107 | 245066 | 44.080 | ng | 99   |
| 18) Hexachloroethane           | 8.60  | 117 | 117538 | 48.557 | ng | 100  |
| 19) n-Nitroso-di-n-propylamine | 8.35  | 70  | 206470 | 44.507 | ng | 98   |
| 20) 3+4-Methylphenols          | 8.34  | 107 | 320736 | 43.631 | ng | # 89 |
| 22) Acetophenone               | 8.36  | 105 | 406880 | 42.327 | ng | # 96 |
| 24) Nitrobenzene               | 8.73  | 77  | 334497 | 42.363 | ng | 99   |
| 25) Isophorone                 | 9.26  | 82  | 619500 | 41.691 | ng | 99   |
| 26) 2-Nitrophenol              | 9.44  | 139 | 160611 | 47.095 | ng | 95   |
| 27) 2,4-Dimethylphenol         | 9.52  | 122 | 269203 | 48.621 | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 9.74  | 93  | 382758 | 42.408 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 9.99  | 162 | 281472 | 46.111 | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 10.19 | 180 | 302160 | 43.216 | ng | 100  |
| 31) Naphthalene                | 10.36 | 128 | 885509 | 43.013 | ng | 100  |
| 32) Benzoic acid               | 9.72  | 122 | 183106 | 43.520 | ng | 98   |
| 33) 4-Chloroaniline            | 10.49 | 127 | 138990 | 15.756 | ng | 97   |
| 34) Hexachlorobutadiene        | 10.66 | 225 | 173507 | 42.934 | ng | 97   |
| 35) Caprolactam                | 11.26 | 113 | 103960 | 48.709 | ng | # 91 |
| 36) 4-Chloro-3-methylphenol    | 11.65 | 107 | 296407 | 45.048 | ng | 99   |
| 37) 2-Methylnaphthalene        | 11.99 | 142 | 631979 | 43.503 | ng | 98   |
| 38) 1-Methylnaphthalene        | 12.21 | 142 | 587392 | 42.749 | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.37 | 216 | 322883 | 56.203 | ng | 99   |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

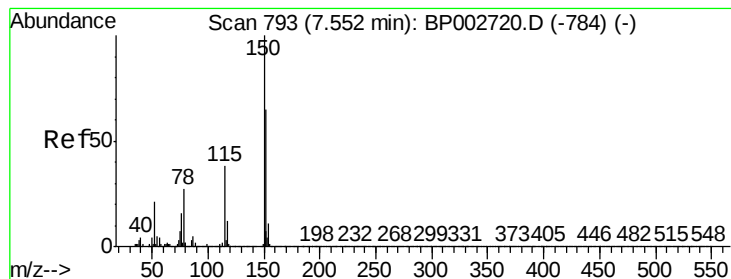
Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Jul 23 17:11:11 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 13 10:54:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.35 | 237  | 203629   | 80.018  | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.63 | 196  | 203205   | 55.260  | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 12.72 | 196  | 225706   | 52.920  | nq #  | 95       |
| 46) 1,1'-Biphenyl              | 13.02 | 154  | 728622   | 52.283  | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.06 | 162  | 563112   | 49.748  | nq    | 97       |
| 48) 2-Nitroaniline             | 13.27 | 65   | 187938   | 53.714  | nq    | 94       |
| 49) Acenaphthylene             | 13.92 | 152  | 836872   | 46.899  | nq    | 99       |
| 50) Dimethylphthalate          | 13.67 | 163  | 833862   | 58.491  | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 13.79 | 165  | 170304   | 55.800  | nq    | 99       |
| 52) Acenaphthene               | 14.27 | 154  | 441097   | 41.362  | nq    | 99       |
| 53) 3-Nitroaniline             | 14.12 | 138  | 103193   | 30.220  | nq #  | 97       |
| 54) 2,4-Dinitrophenol          | 14.35 | 184  | 127590   | 75.661  | nq    | 96       |
| 55) Dibenzofuran               | 14.61 | 168  | 653227   | 38.192  | nq    | 94       |
| 56) 4-Nitrophenol              | 14.47 | 139  | 202898   | 74.513  | nq #  | 71       |
| 57) 2,4-Dinitrotoluene         | 14.59 | 165  | 161940   | 40.289  | nq #  | 94       |
| 58) Fluorene                   | 15.26 | 166  | 421633   | 33.316  | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.85 | 232  | 136122   | 40.489  | nq #  | 93       |
| 60) Diethylphthalate           | 15.05 | 149  | 480545   | 34.766  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.26 | 204  | 220285   | 32.759  | nq #  | 89       |
| 62) 4-Nitroaniline             | 15.10 | 138  | 33891    | 10.424  | nq    | 97       |
| 63) Azobenzene                 | 15.56 | 77   | 482426   | 33.945  | nq    | 94       |
| 65) 4,6-Dinitro-2-methylphenol | 15.37 | 198  | 74935    | 64.371  | nq #  | 55       |
| 66) n-Nitrosodiphenylamine     | 15.48 | 169  | 414573   | 74.319  | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.16 | 248  | 117199   | 56.976  | nq #  | 87       |
| 68) Hexachlorobenzene          | 16.30 | 284  | 126693   | 58.458  | nq #  | 84       |
| 69) Atrazine                   | 16.46 | 200  | 106537   | 69.957  | nq    | 84       |
| 70) Pentachlorophenol          | 16.65 | 266  | 119210   | 110.590 | nq    | 99       |
| 71) Phenanthrene               | 17.02 | 178  | 431863   | 42.239  | nq #  | 90       |
| 72) Anthracene                 | 17.12 | 178  | 448735   | 44.725  | nq #  | 95       |
| 73) Carbazole                  | 17.39 | 167  | 378628   | 38.456  | nq #  | 87       |
| 74) Di-n-butylphthalate        | 17.96 | 149  | 470901   | 44.100  | nq #  | 96       |
| 75) Fluoranthene               | 19.02 | 202  | 547128   | 46.183  | nq    | 94       |
| 77) Benzidine                  | 19.19 | 184  | 235489   | 29.618  | nq #  | 84       |
| 78) Pyrene                     | 19.36 | 202  | 592484   | 26.753  | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.24 | 149  | 306784   | 35.103  | nq    | 90       |
| 81) Benzo(a)anthracene         | 21.07 | 228  | 899638   | 43.327  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.00 | 252  | 42982    | 6.250   | nq #  | 93       |
| 83) Chrysene                   | 21.12 | 228  | 844418   | 42.723  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 554243   | 45.597  | nq    | 100      |
| 85) Di-n-octyl phthalate       | 21.86 | 149  | 1235535  | 56.538  | nq    | 98       |
| 87) Indeno(1,2,3-cd)pyrene     | 25.49 | 276  | 1833005  | 46.770  | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 22.62 | 252  | 1340911  | 39.824  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 22.66 | 252  | 1335622  | 40.272  | nq    | 100      |
| 90) Benzo(a)pyrene             | 23.17 | 252  | 1345566  | 42.171  | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.49 | 278  | 1517960  | 48.026  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.15 | 276  | 1618250  | 50.497  | nq    | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed



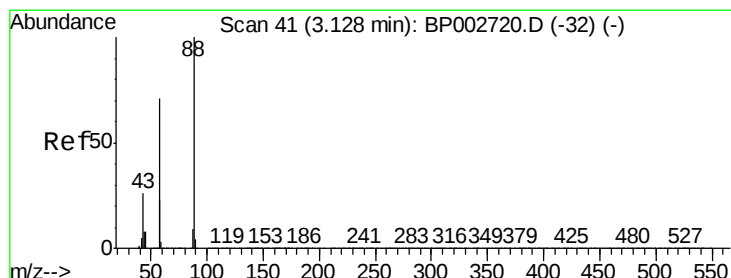
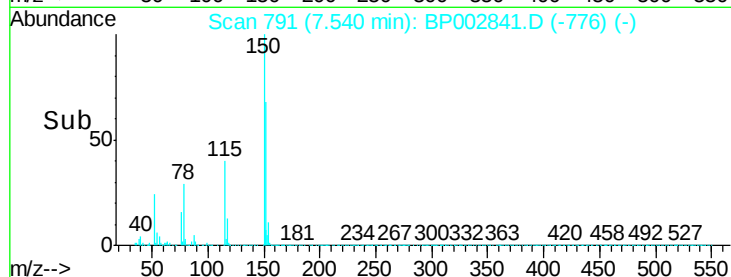
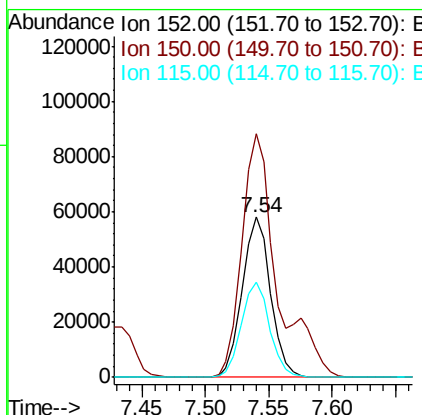
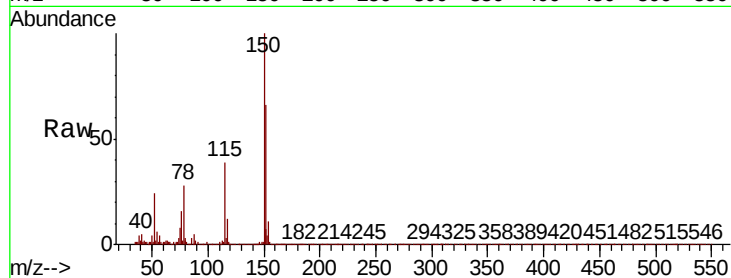


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.54 min Scan# 791  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

Instrument :  
BNA\_P  
ClientSampled :

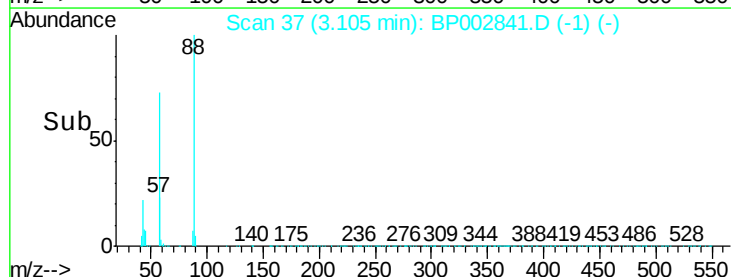
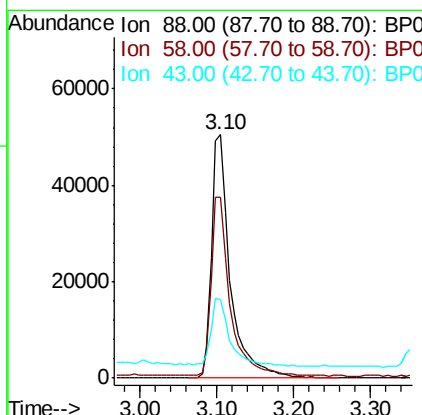
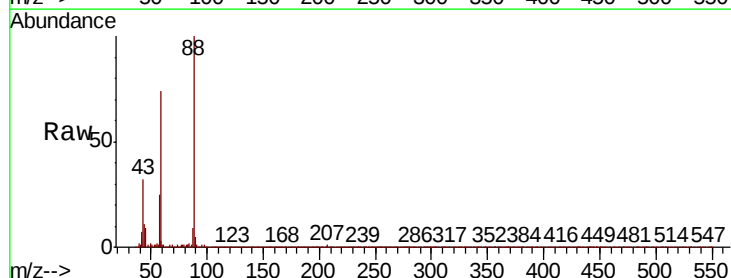
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.2 | 123.7 | 185.5 |
| 115     | 59.1  | 47.2  | 70.8  |

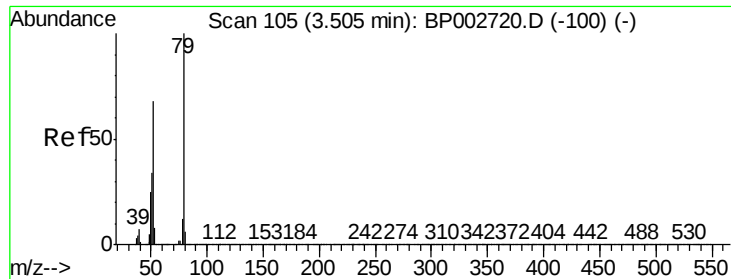


#2

1,4-Dioxane  
Concen: 35.679 ng  
RT: 3.10 min Scan# 37  
Delta R.T. -0.02 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 74.1  | 58.2  | 87.4  |
| 43      | 27.8  | 21.5  | 32.3  |

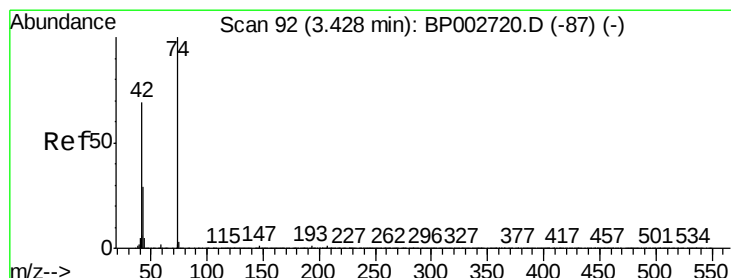
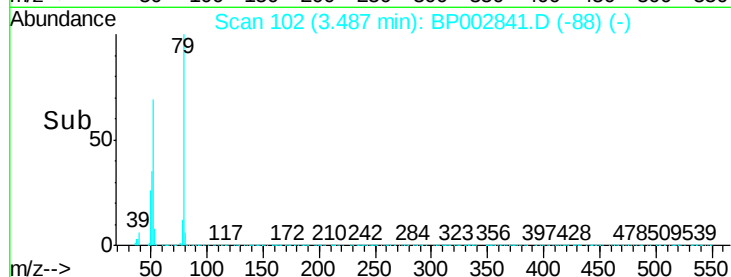
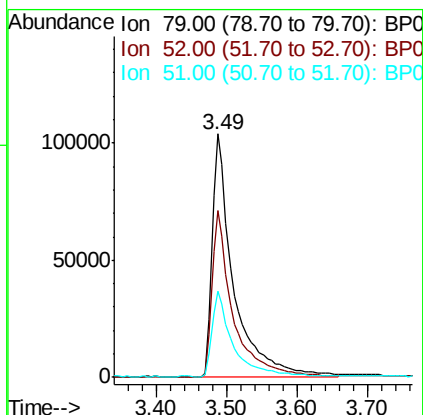
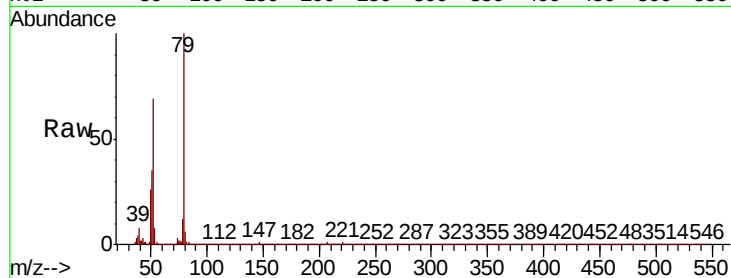




#3  
 Pvridine  
 Concen: 31.195 ng  
 RT: 3.49 min Scan# 102  
 Delta R.T. -0.02 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

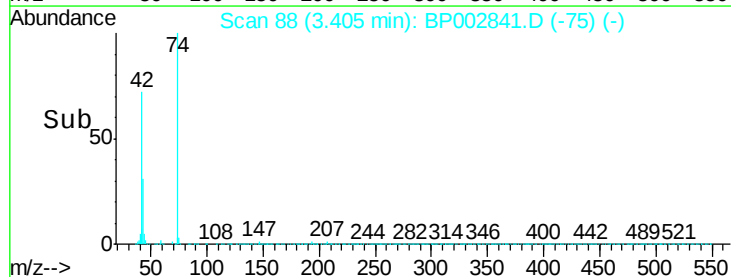
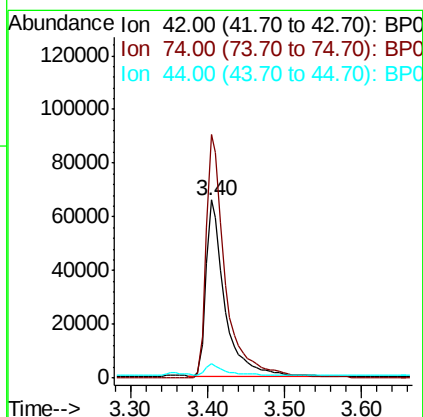
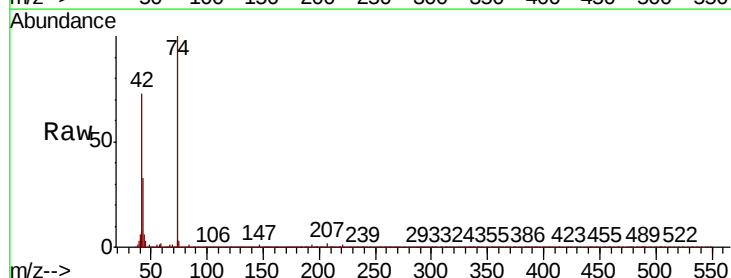
Instrument :  
 BNA\_P  
 ClientSampleId :

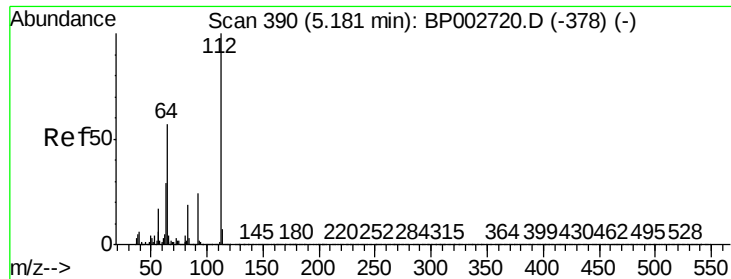
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 68.6  | 54.2  | 81.2  |
| 51      | 35.4  | 27.3  | 40.9  |



#4  
 n-Nitrosodimethylamine  
 Concen: 42.071 ng  
 RT: 3.40 min Scan# 88  
 Delta R.T. -0.02 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 136.8 | 116.3 | 174.5 |
| 44      | 7.9   | 5.9   | 8.9   |





#5

2-Fluorophenol

Concen: 126.565 ng

RT: 5.17 min Scan# 388

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampled :

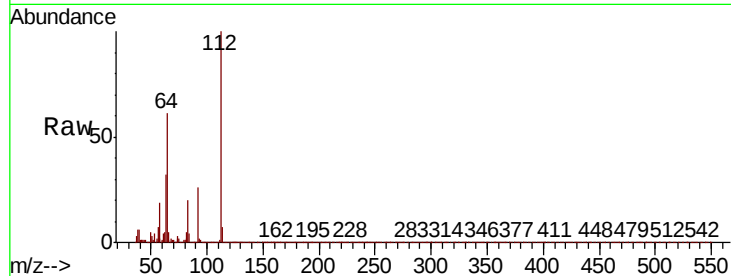
Tot Ion: 112 Resp: 675576

Ion Ratio Lower Upper

112 100

64 61.3 45.6 68.4

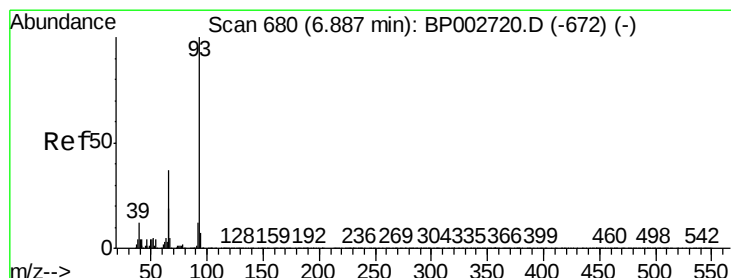
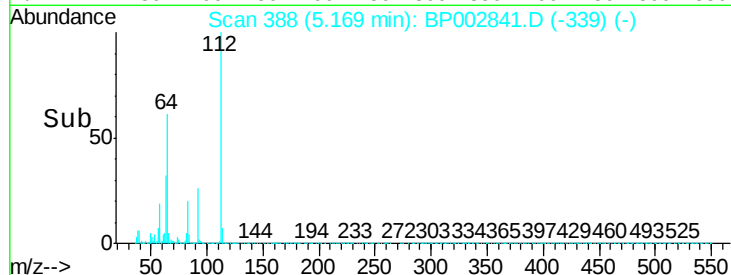
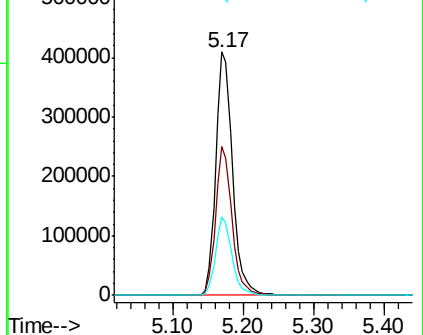
63 32.5 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 24.858 ng

RT: 6.88 min Scan# 678

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

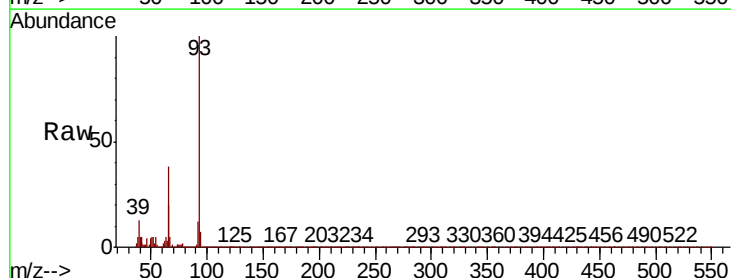
Tgt Ion: 93 Resp: 239725

Ion Ratio Lower Upper

93 100

66 38.1 30.1 45.1

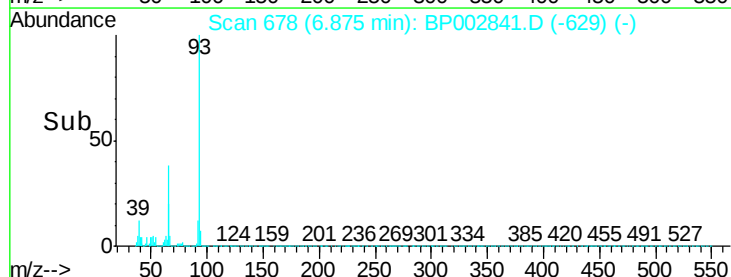
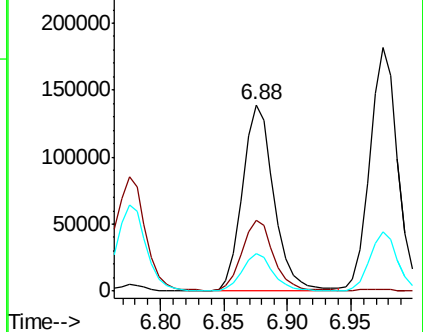
65 20.0 15.4 23.2

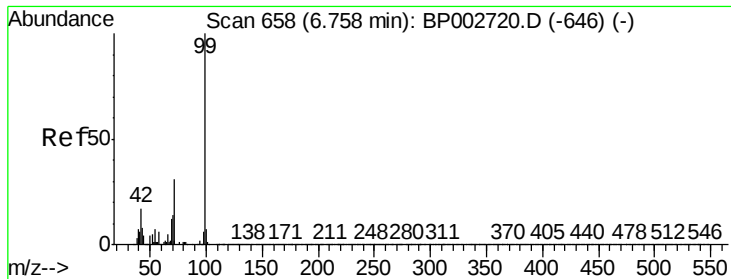


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 122.478 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampleId :

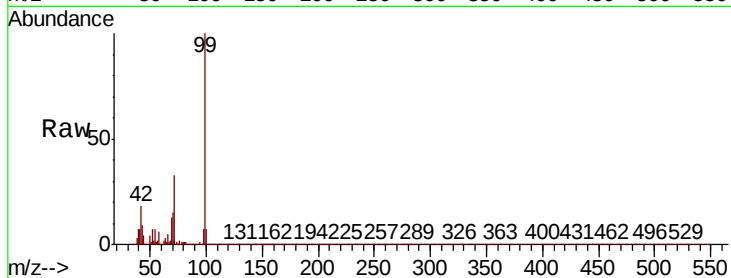
Tot Ion: 99 Resp: 933024

Ion Ratio Lower Upper

99 100

42 17.8 13.4 20.2

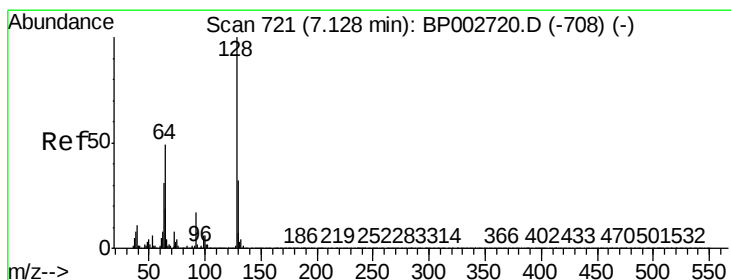
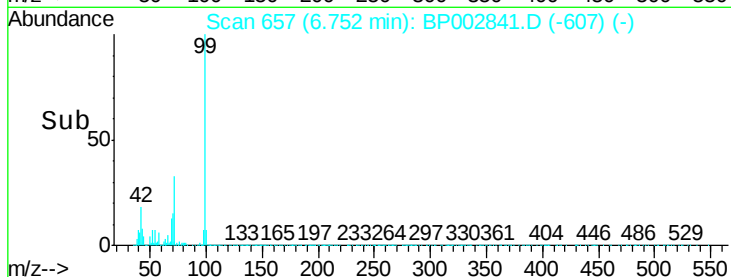
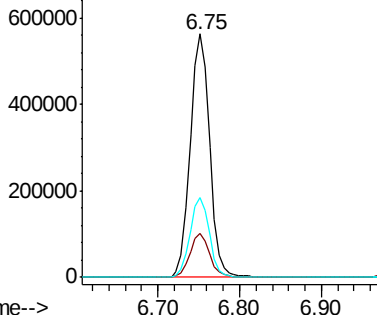
71 32.9 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 46.958 ng

RT: 7.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

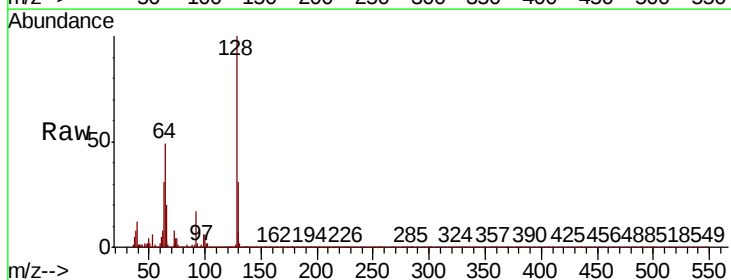
Tgt Ion: 128 Resp: 278873

Ion Ratio Lower Upper

128 100

130 31.3 12.2 52.2

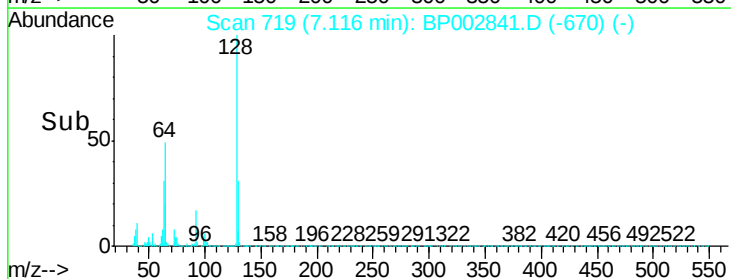
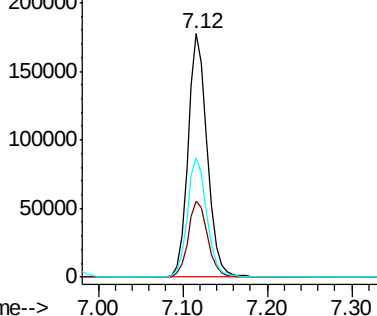
64 48.9 28.8 68.8

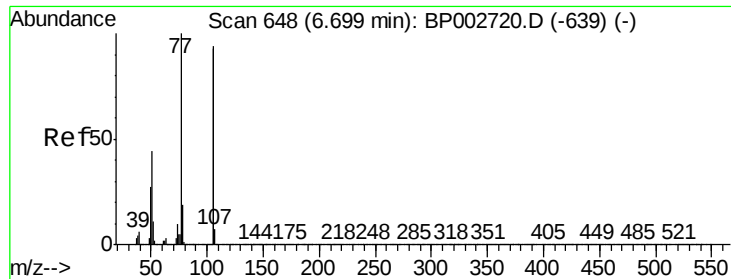


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 53.115 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampleId :

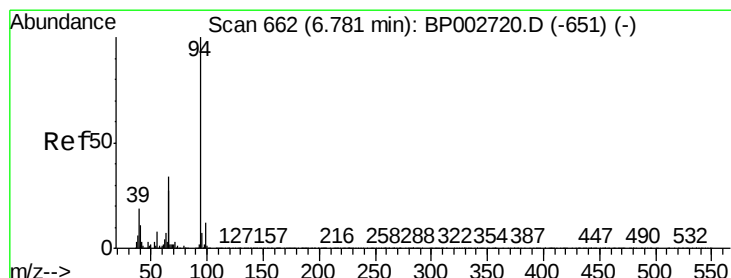
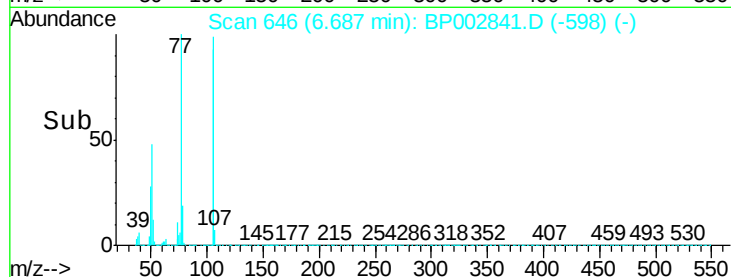
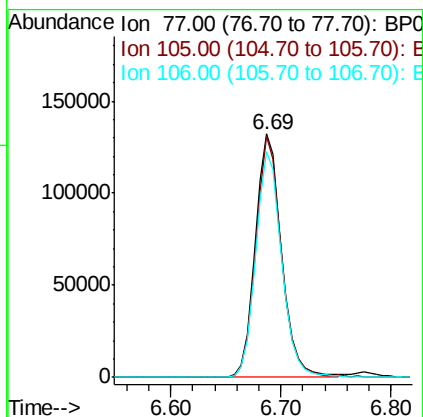
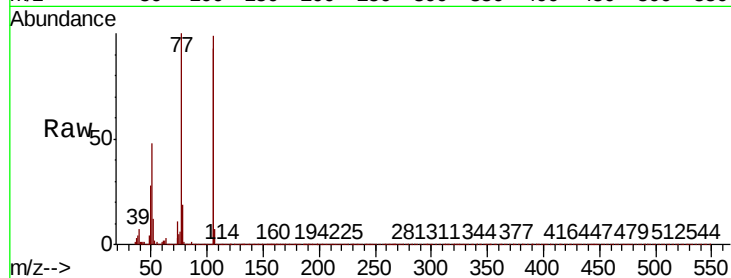
Tot Ion: 77 Resp: 219836

Ion Ratio Lower Upper

77 100

105 98.8 73.2 113.2

106 92.7 73.6 113.6



#10

Phenol

Concen: 46.724 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

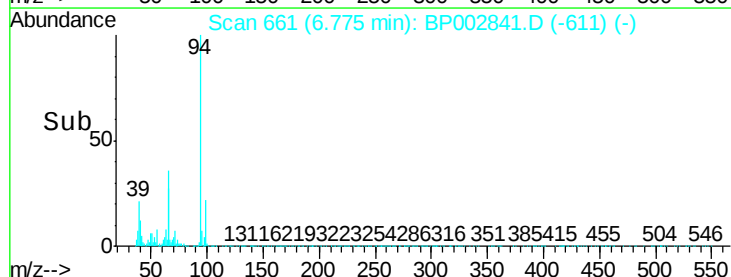
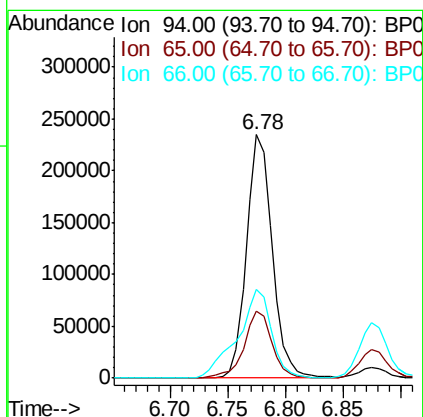
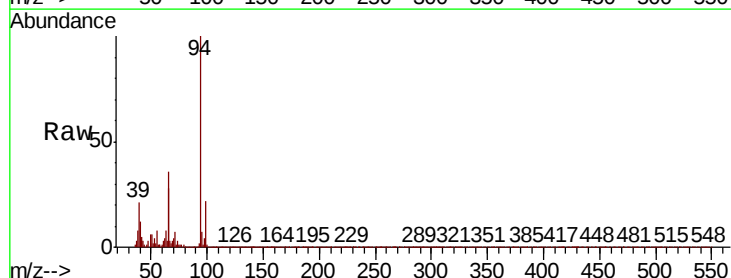
Tgt Ion: 94 Resp: 364615

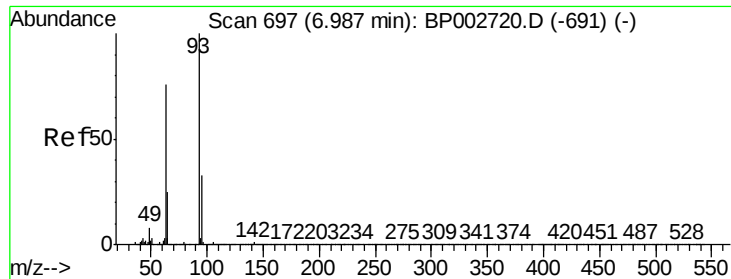
Ion Ratio Lower Upper

94 100

65 27.5 7.0 47.0

66 36.3 13.7 53.7

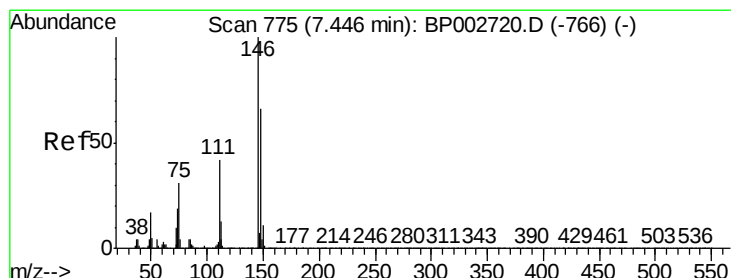
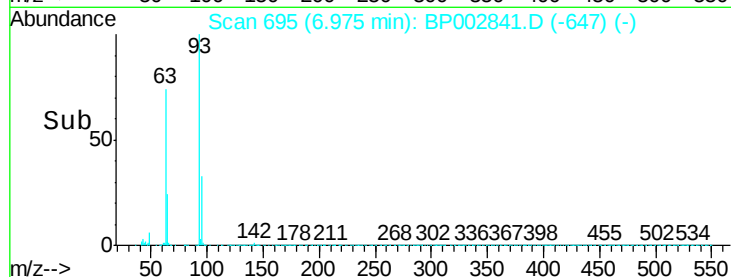
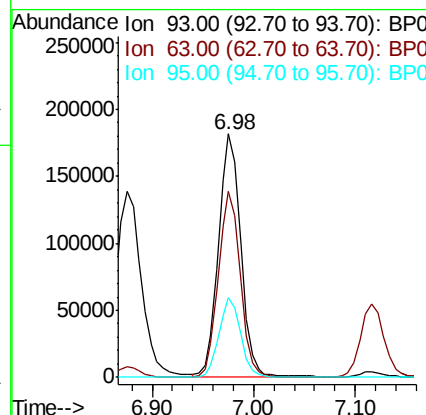
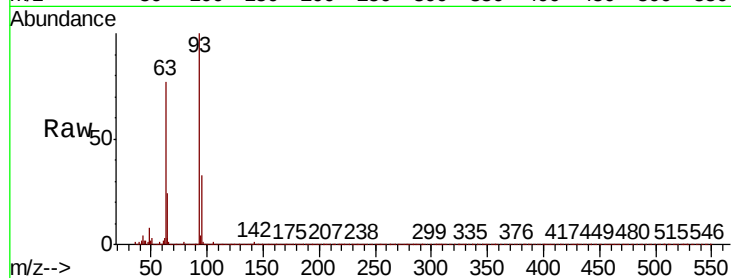




#11  
bis(2-Chloroethyl)ether  
Concen: 42.735 ng  
RT: 6.98 min Scan# 695  
Delta R.T. -0.02 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

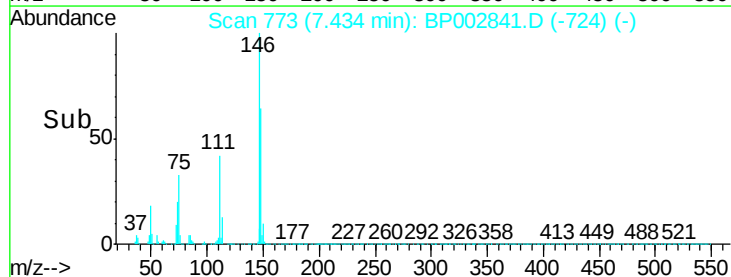
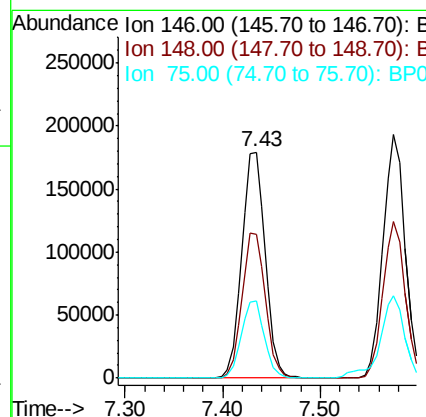
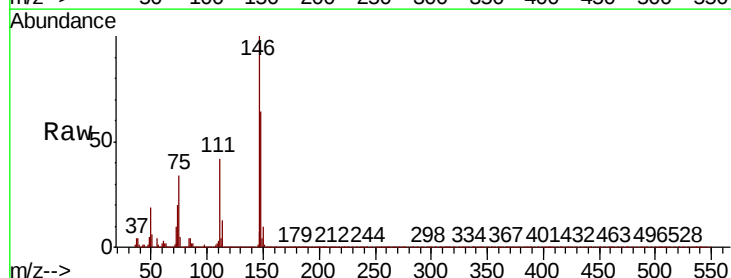
Instrument :  
BNA\_P  
ClientSampled :

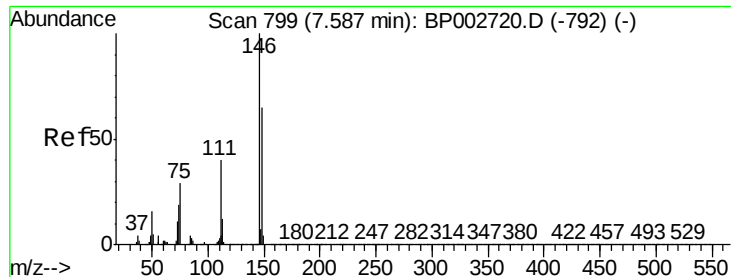
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.5  | 55.1  | 95.1  |
| 95      | 32.7  | 12.7  | 52.7  |



#12  
1,3-Dichlorobenzene  
Concen: 43.674 ng  
RT: 7.43 min Scan# 773  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 52.6  | 78.8  |
| 75      | 34.2  | 25.2  | 37.8  |





#13

1,4-Dichlorobenzene

Concen: 44.408 ng

RT: 7.58 min Scan# 797

Delta R.T. -0.01 min

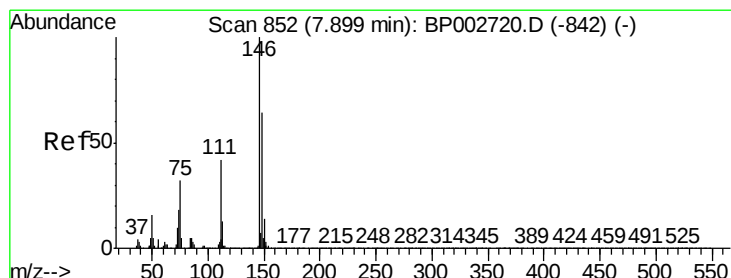
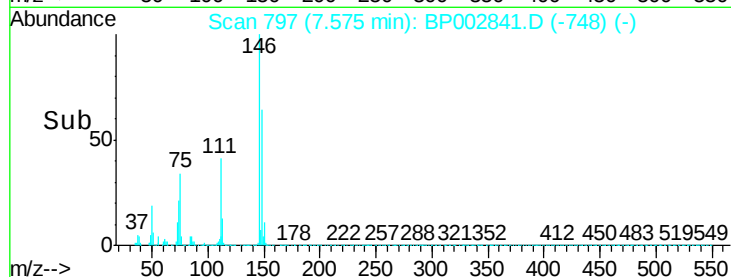
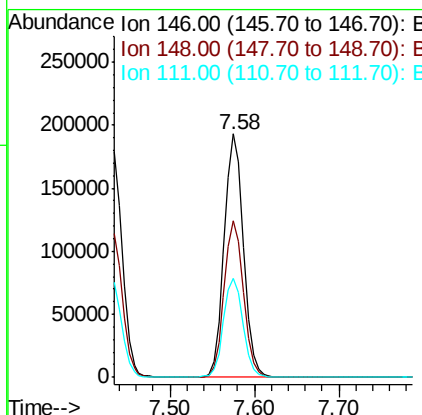
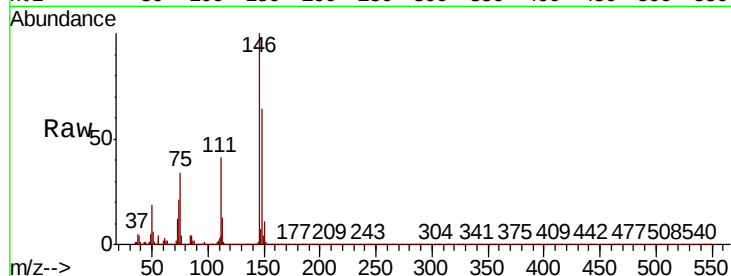
Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :  
BNA\_P  
ClientSampled :

Tot Ion:146 Resp: 303493

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.1  | 52.1  | 78.1  |
| 111 | 40.6  | 32.2  | 48.2  |



#14

1,2-Dichlorobenzene

Concen: 44.299 ng

RT: 7.89 min Scan# 850

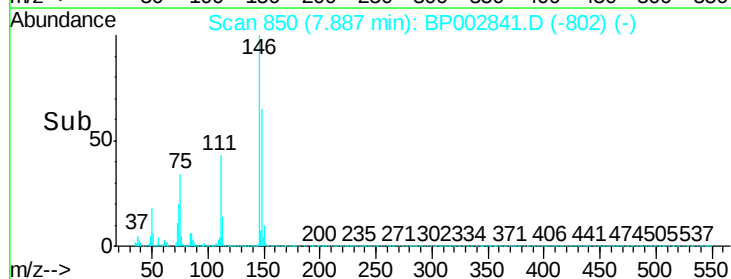
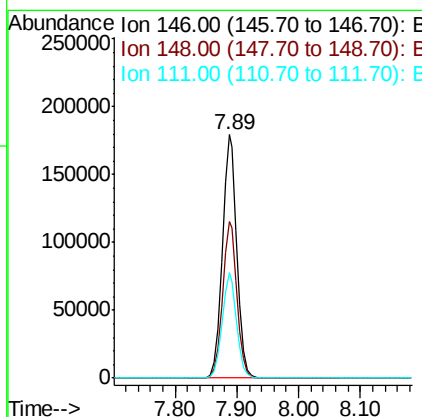
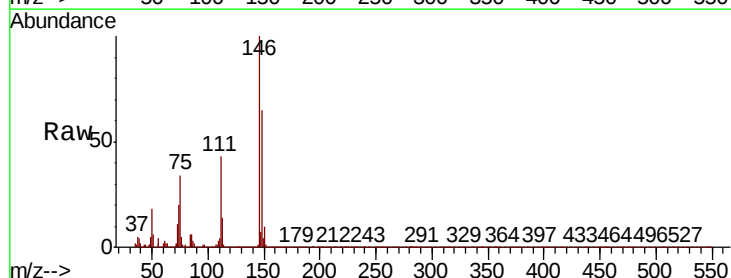
Delta R.T. -0.02 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Tgt Ion:146 Resp: 291952

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.6  | 51.0  | 76.6  |
| 111 | 43.3  | 33.9  | 50.9  |





#15

Benzyl Alcohol

Concen: 50.698 ng

RT: 7.79 min Scan# 833

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampleId :

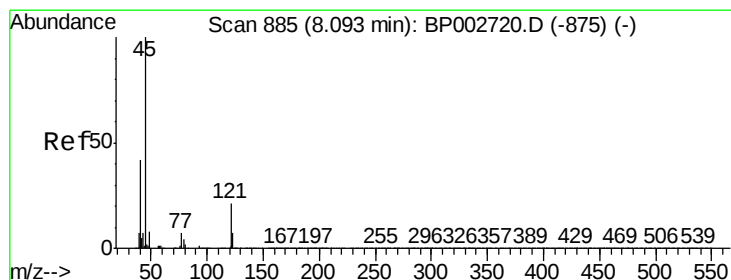
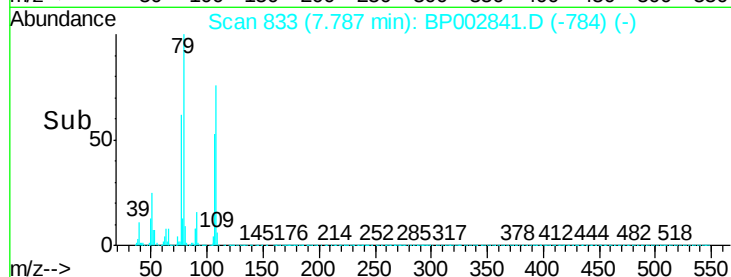
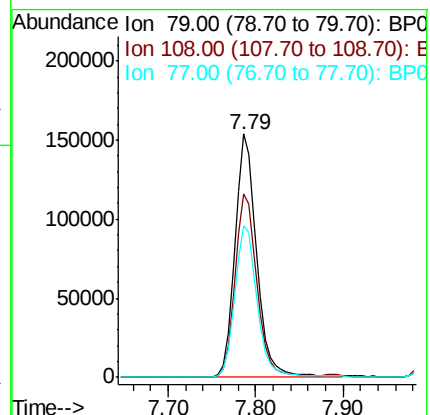
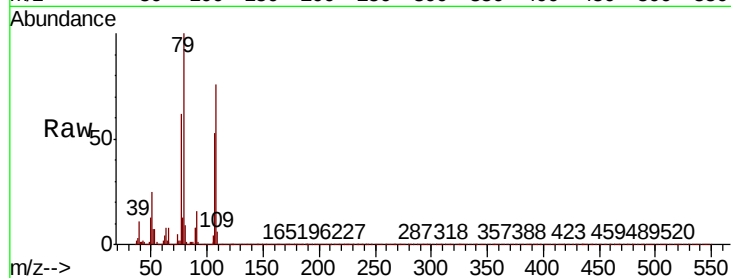
Tot Ion: 79 Resp: 258445

Ion Ratio Lower Upper

79 100

108 75.6 63.1 94.7

77 62.4 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.579 ng

RT: 8.08 min Scan# 882

Delta R.T. -0.02 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

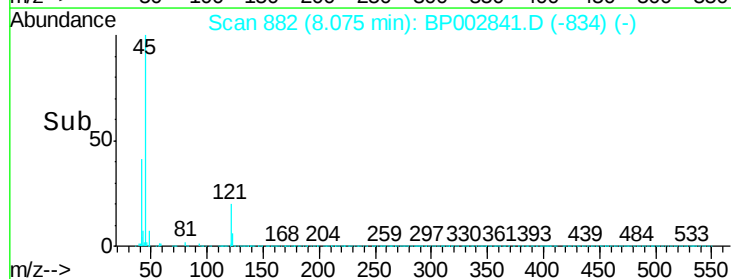
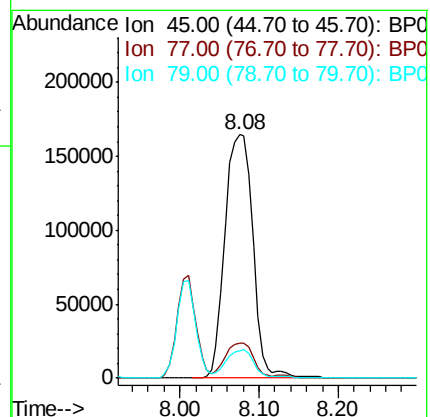
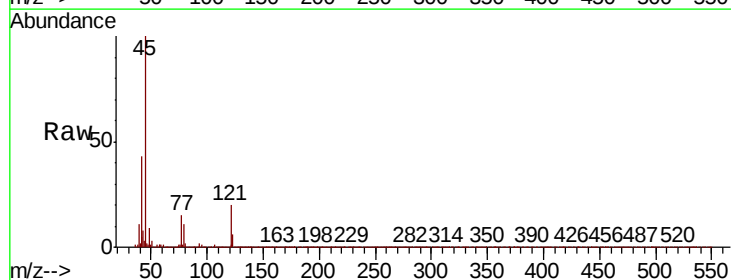
Tgt Ion: 45 Resp: 397465

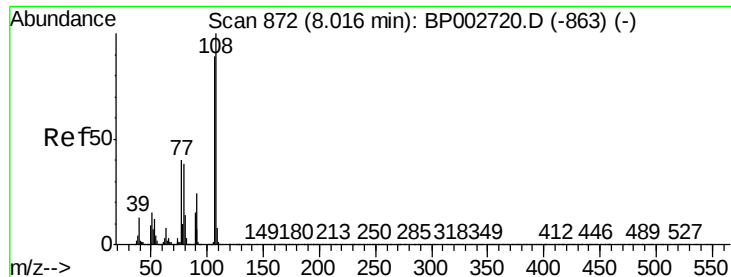
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.8

79 11.4 0.0 31.6

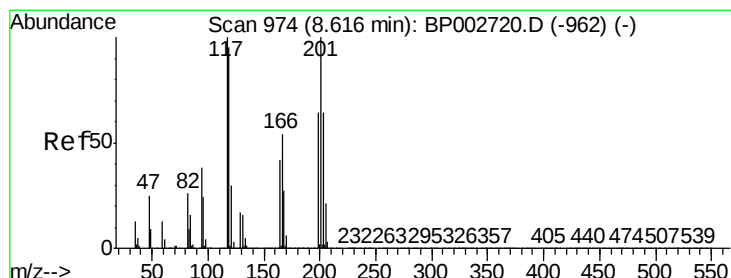
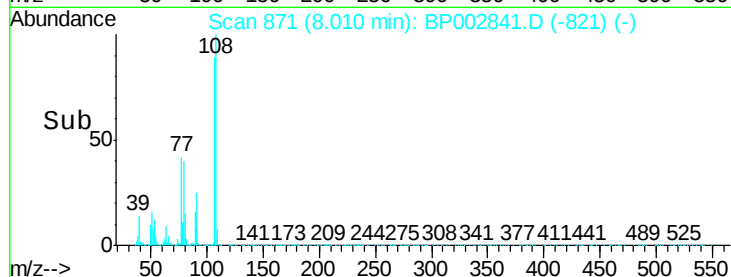
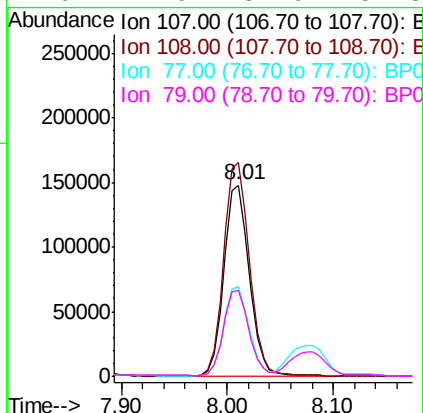
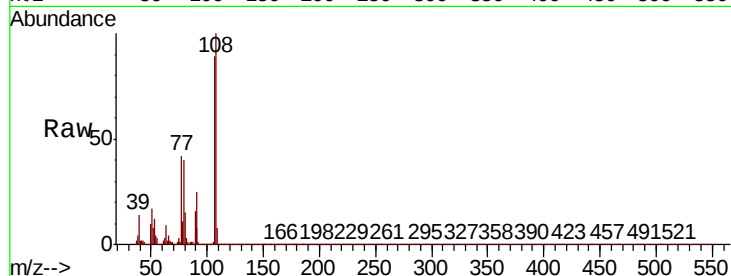




#17  
2-Methylphenol  
Concen: 44.080 ng  
RT: 8.01 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

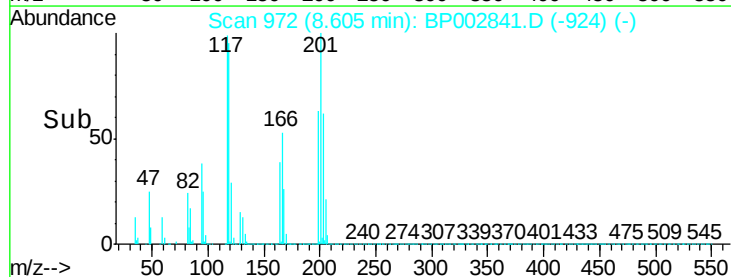
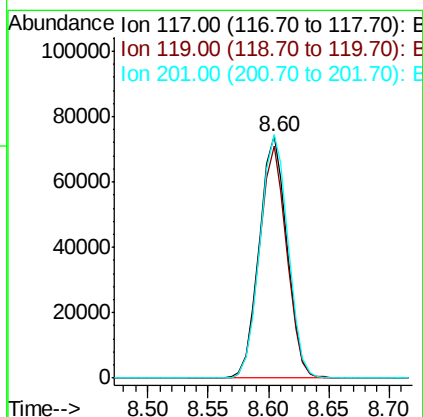
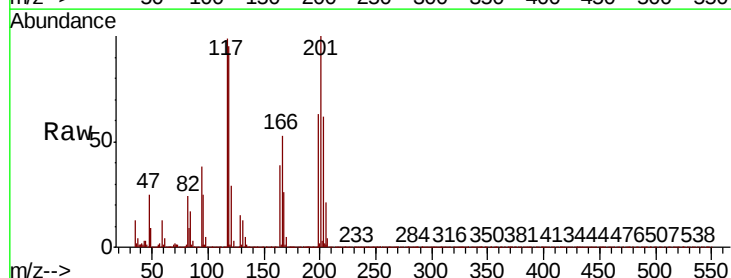
Instrument :  
BNA\_P  
ClientSampleId :

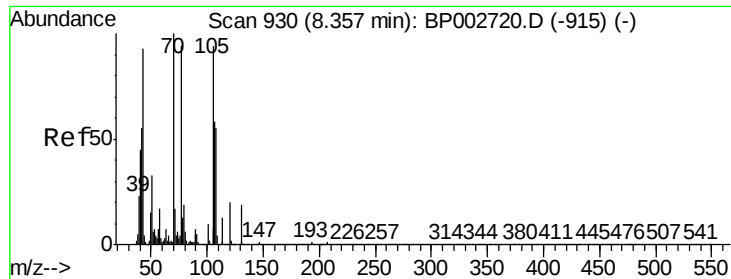
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 245066 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.9 | 89.9  | 134.9  |
| 77       | 47.2  | 36.6  | 54.8   |
| 79       | 44.9  | 34.9  | 52.3   |



#18  
Hexachloroethane  
Concen: 48.557 ng  
RT: 8.60 min Scan# 972  
Delta R.T. -0.02 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 117538 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.6  | 76.6  | 115.0  |
| 201      | 100.5 | 80.3  | 120.5  |

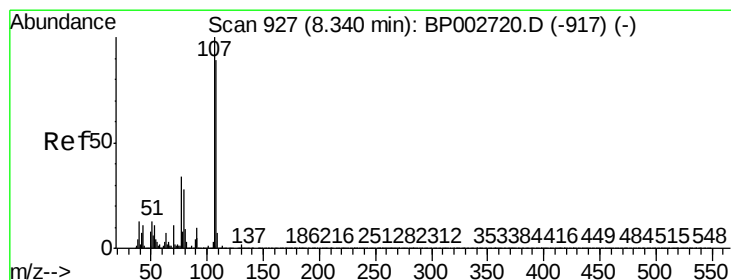
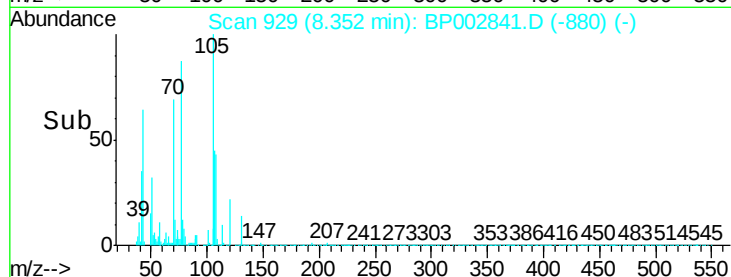
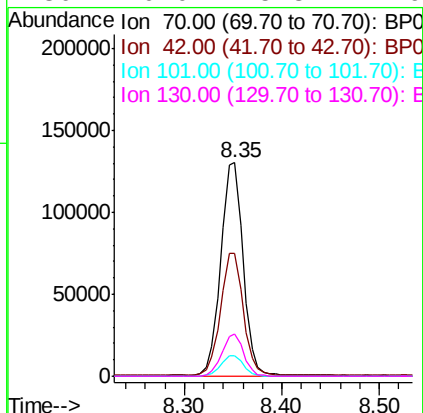
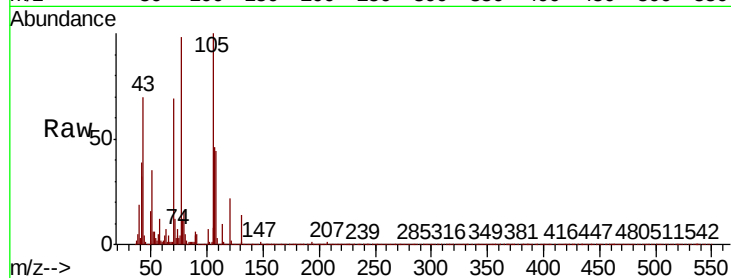




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.507 ng  
RT: 8.35 min Scan# 929  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

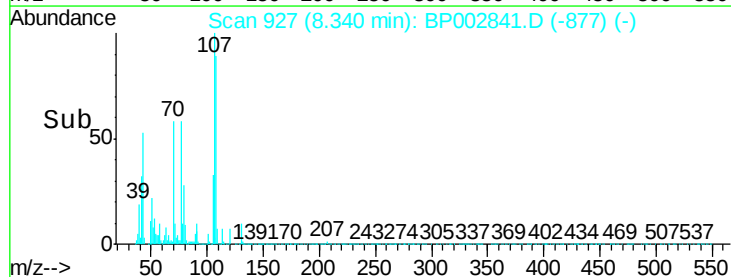
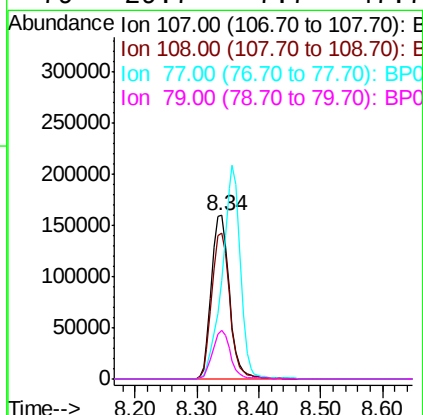
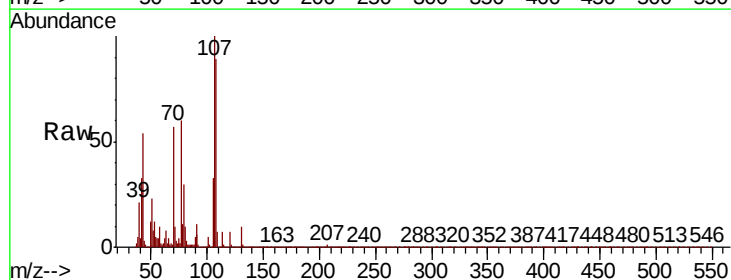
Instrument :  
BNA\_P  
ClientSampleId :

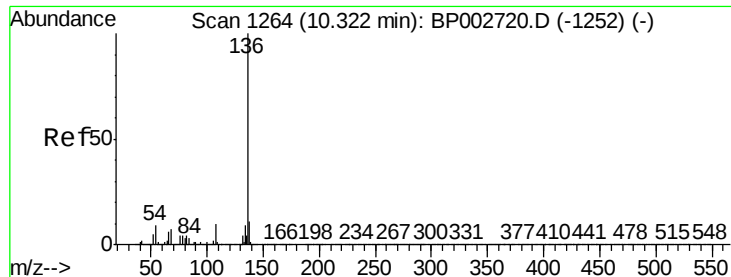
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 206470 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 57.4  | 44.2  | 66.4   |
| 101      | 9.6   | 7.7   | 11.5   |
| 130      | 20.0  | 15.3  | 22.9   |



#20  
3+4-Methylphenols  
Concen: 43.631 ng  
RT: 8.34 min Scan# 927  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 320736 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.5  | 69.5  | 109.5  |
| 77       | 59.9  | 14.3  | 54.3   |
| 79       | 29.7  | 7.7   | 47.7   |

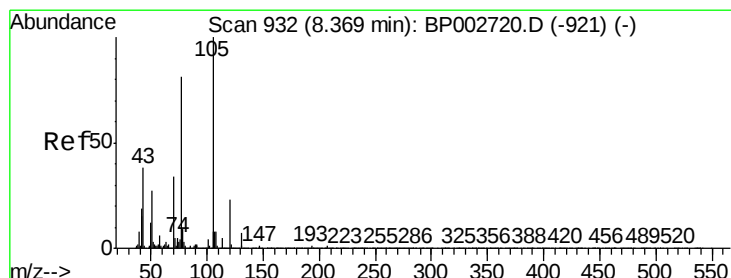
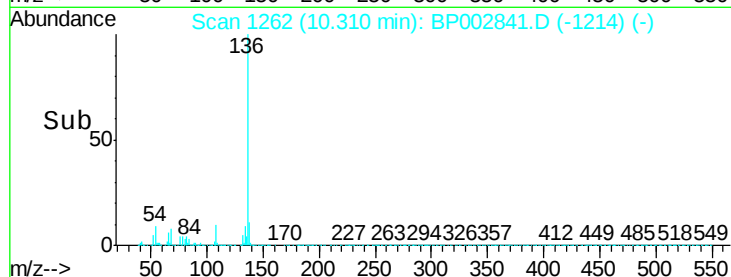
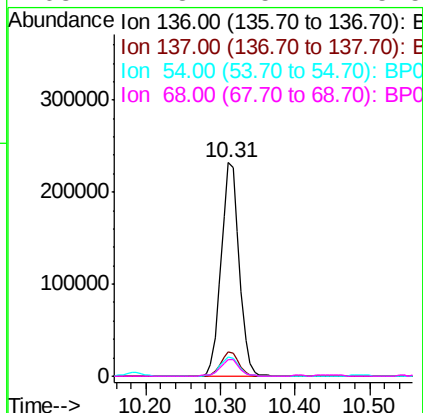
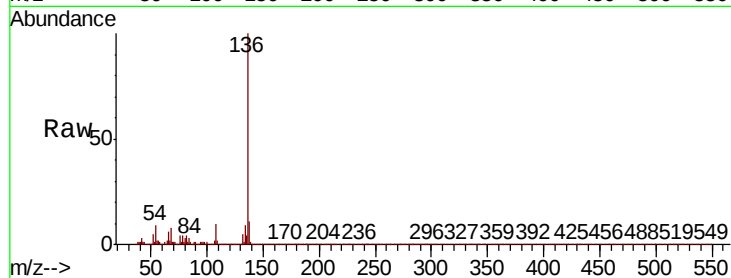




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.31 min Scan# 1262  
Delta R.T. -0.02 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

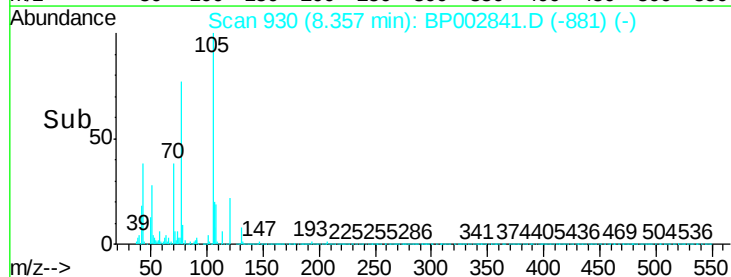
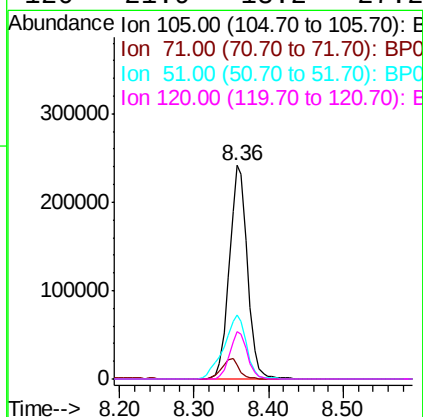
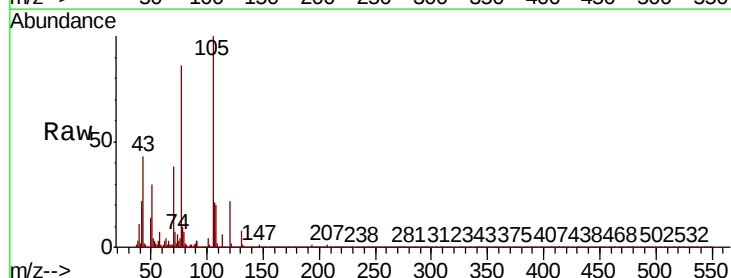
Instrument :  
BNA\_P  
ClientSampleId :

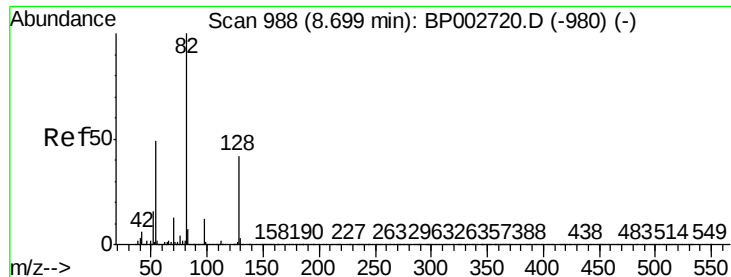
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 389935   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.4  | 8.6 13.0 |
| 54          | 9.2   | 6.9 10.3 |
| 68          | 7.8   | 5.7 8.5  |



#22  
Acetophenone  
Concen: 42.327 ng  
RT: 8.36 min Scan# 930  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 406880    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 6.7   | 4.4 6.6#  |
| 51          | 30.2  | 21.8 32.8 |
| 120         | 21.9  | 18.2 27.2 |

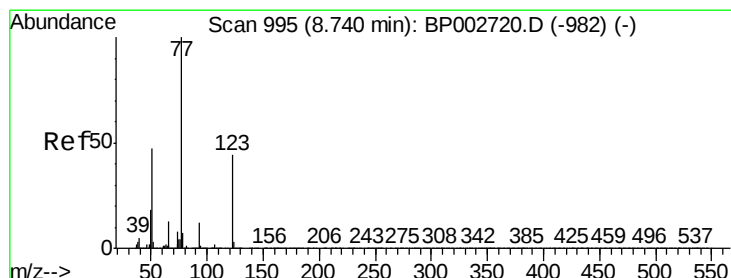
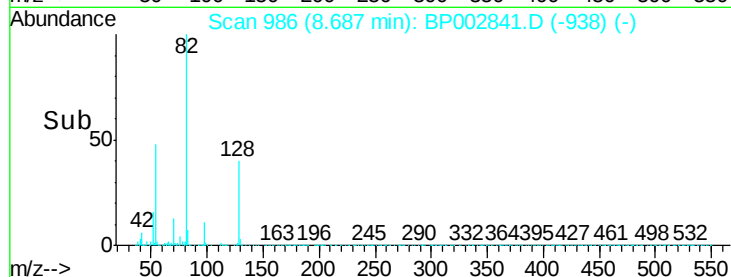
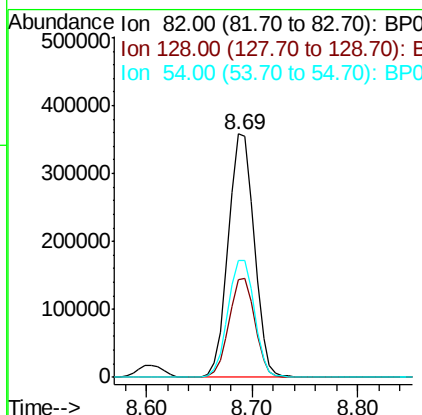
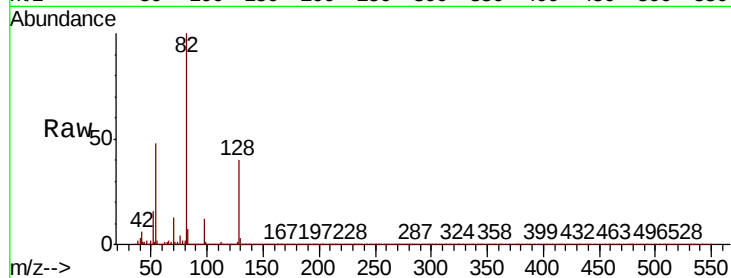




#23  
 Nitrobenzene-d5  
 Concen: 83.422 ng  
 RT: 8.69 min Scan# 986  
 Delta R.T. -0.02 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

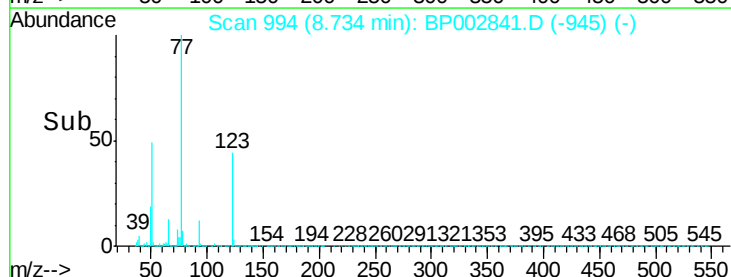
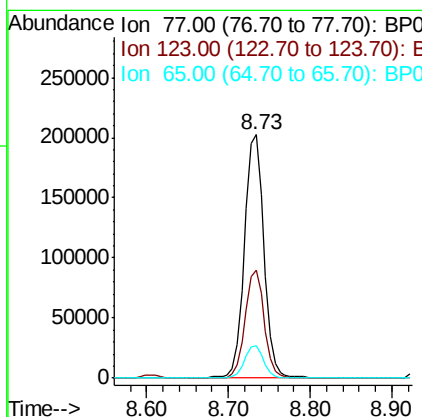
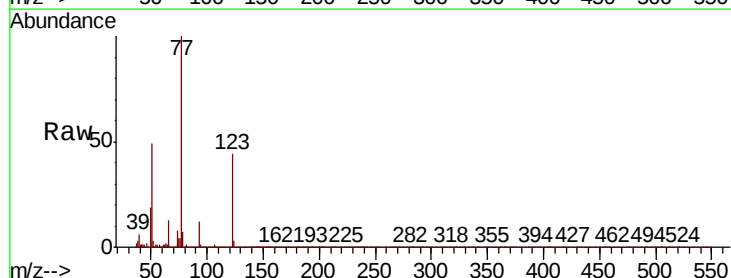
Instrument :  
 BNA\_P  
 ClientSampleID :

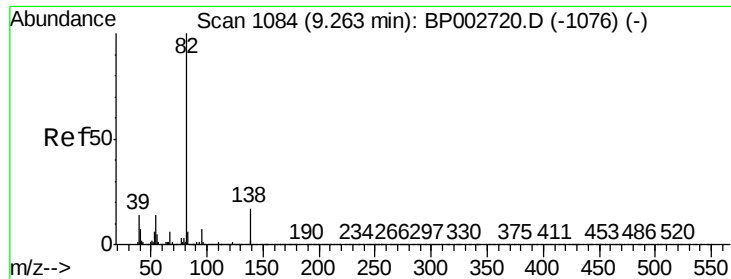
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.3  | 33.8  | 50.8  |
| 54      | 48.2  | 38.8  | 58.2  |



#24  
 Nitrobenzene  
 Concen: 42.363 ng  
 RT: 8.73 min Scan# 994  
 Delta R.T. -0.01 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.3  | 35.0  | 52.6  |
| 65      | 13.2  | 10.4  | 15.6  |





#25

Isophorone

Concen: 41.691 ng

RT: 9.26 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampleId :

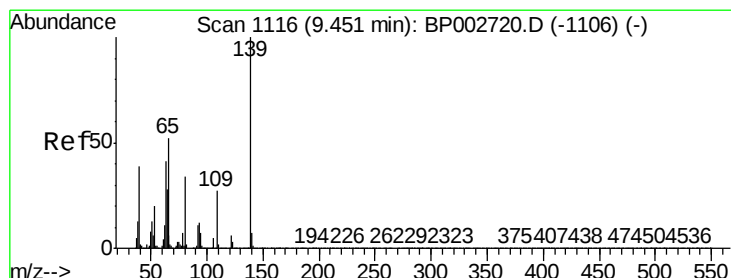
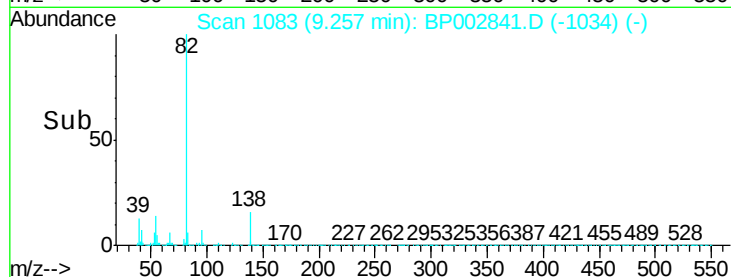
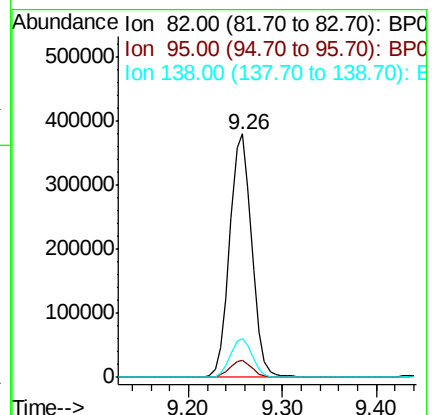
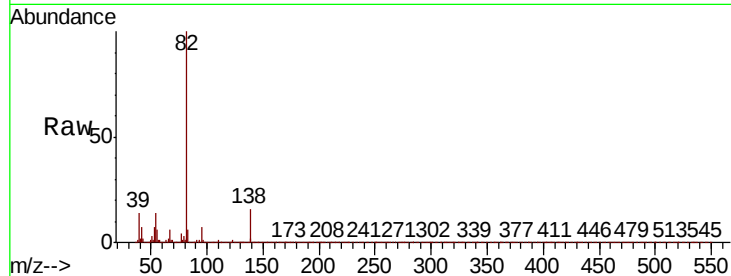
Tot Ion: 82 Resp: 619500

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 15.9 13.2 19.8



#26

2-Nitrophenol

Concen: 47.095 ng

RT: 9.44 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

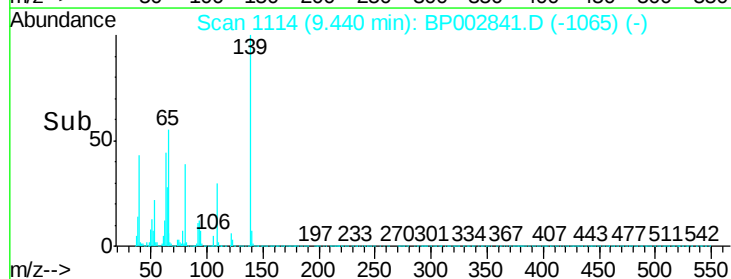
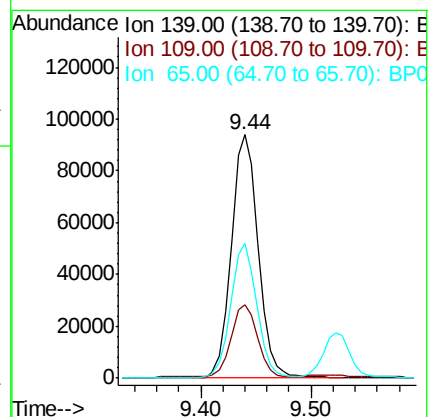
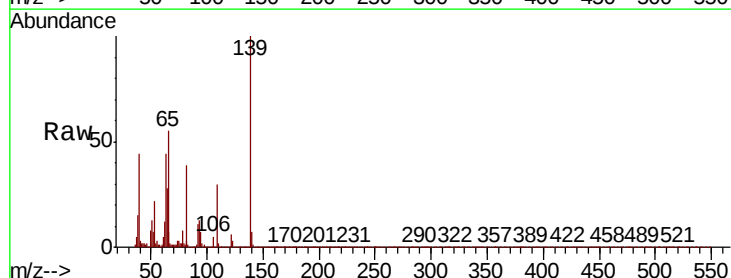
Tgt Ion: 139 Resp: 160611

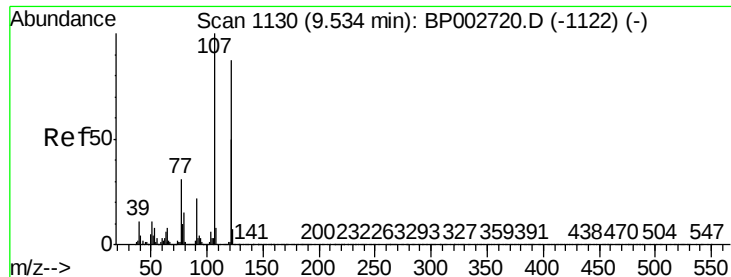
Ion Ratio Lower Upper

139 100

109 30.0 21.9 32.9

65 55.2 41.3 61.9

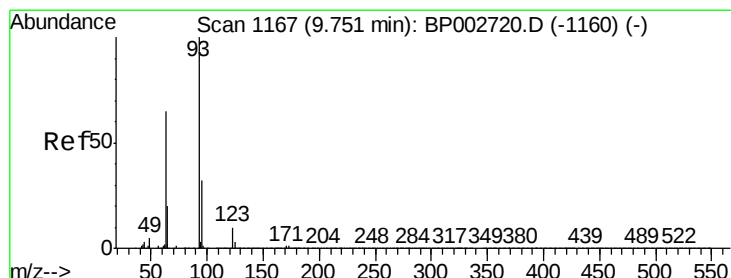
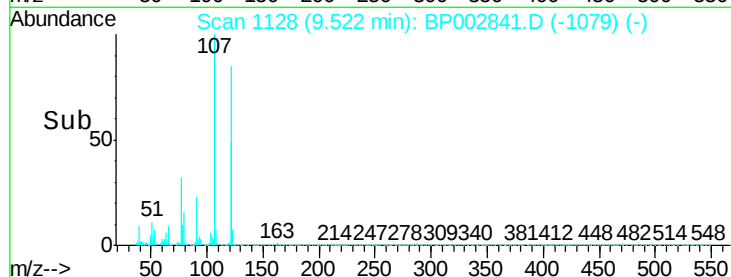
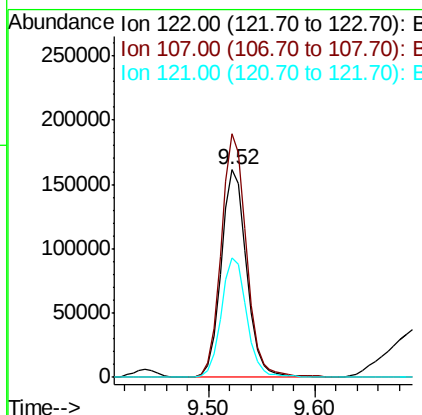
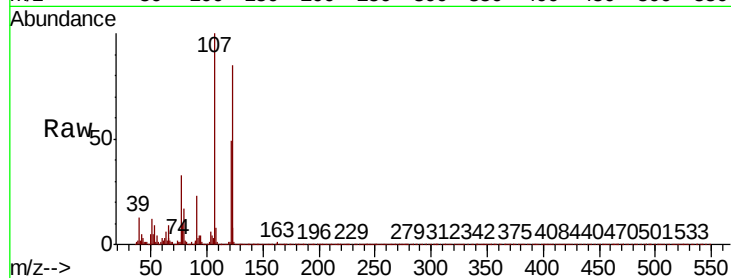




#27  
 2,4-Dimethylphenol  
 Concen: 48.621 ng  
 RT: 9.52 min Scan# 1128  
 Delta R.T. -0.01 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

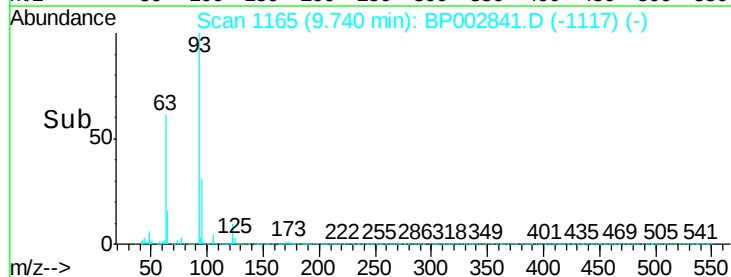
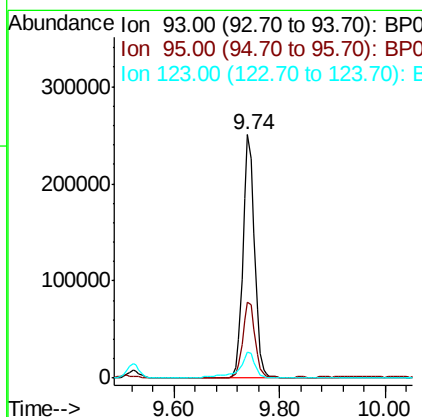
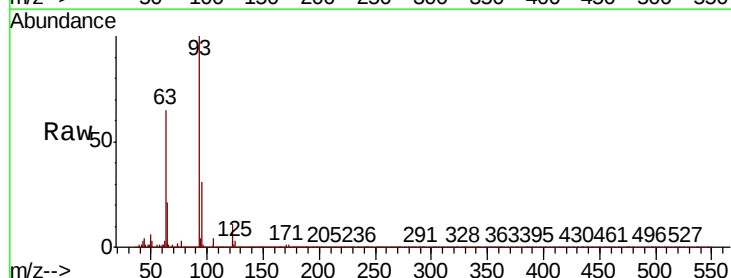
Instrument :  
 BNA\_P  
 ClientSampled :

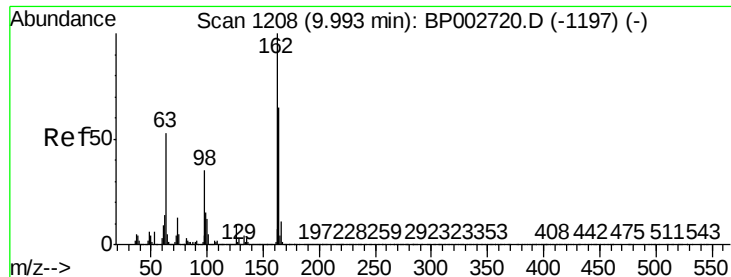
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.5 | 92.2  | 138.4 |
| 121     | 57.9  | 45.8  | 68.6  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.408 ng  
 RT: 9.74 min Scan# 1165  
 Delta R.T. -0.02 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.4  | 25.8  | 38.6  |
| 123     | 10.6  | 8.9   | 13.3  |

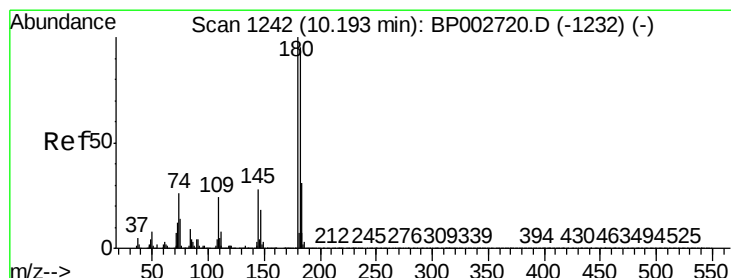
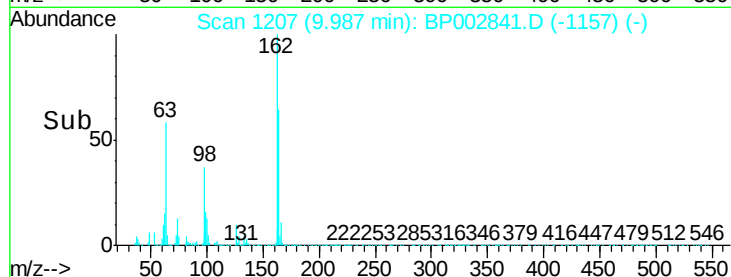
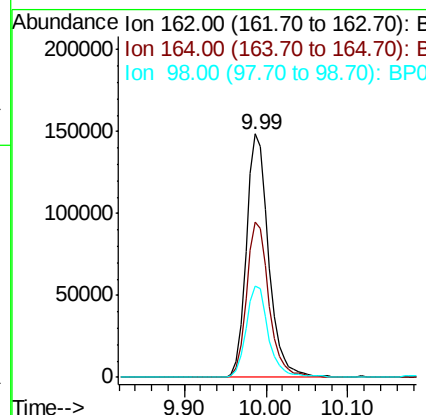
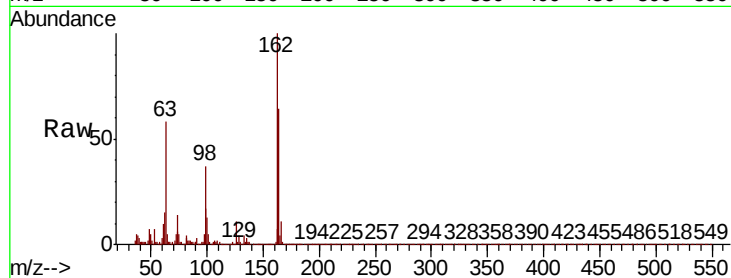




#29  
2,4-Dichlorophenol  
Concen: 46.111 ng  
RT: 9.99 min Scan# 1207  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

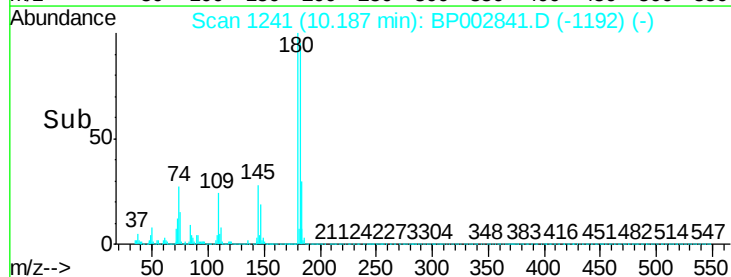
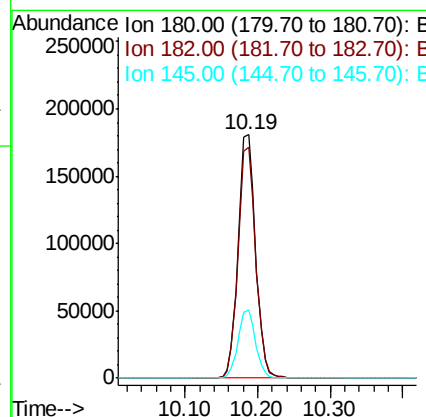
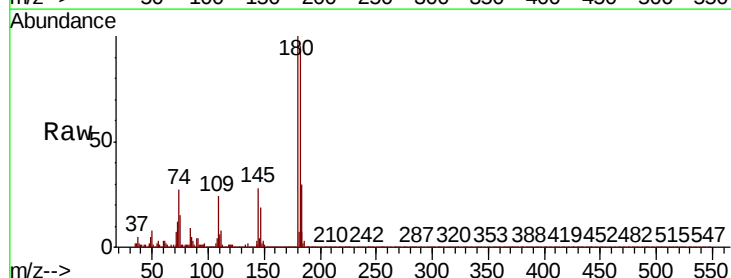
Instrument :  
BNA\_P  
ClientSampleId :

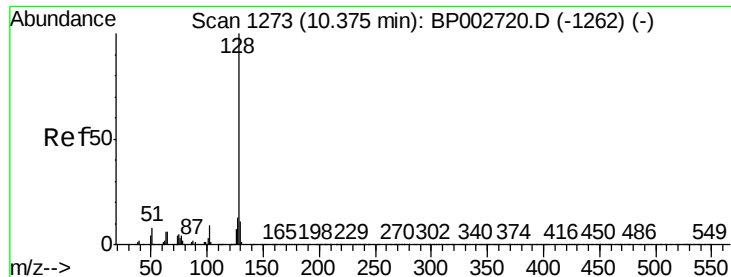
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.7  | 44.5  | 84.5  |
| 98      | 37.4  | 15.2  | 55.2  |



#30  
1,2,4-Trichlorobenzene  
Concen: 43.216 ng  
RT: 10.19 min Scan# 1241  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 75.8  | 113.6 |
| 145     | 28.2  | 22.6  | 34.0  |

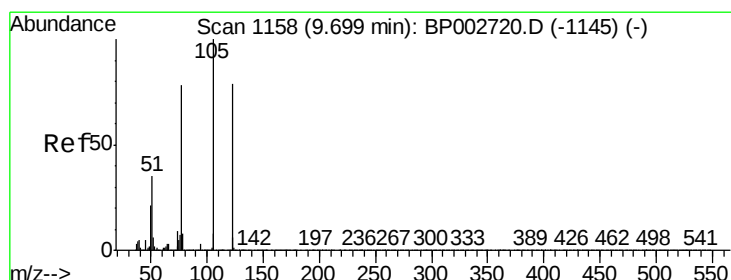
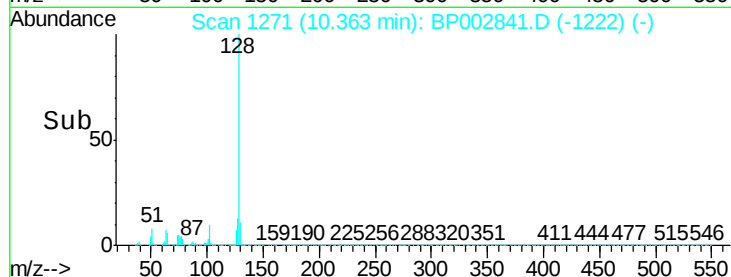
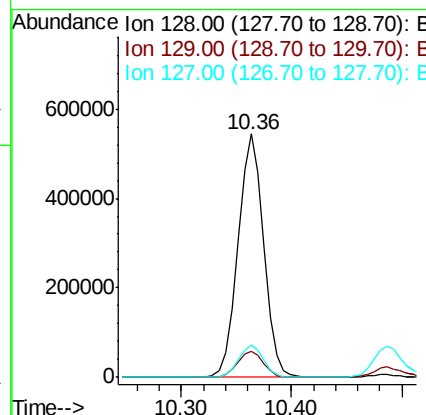
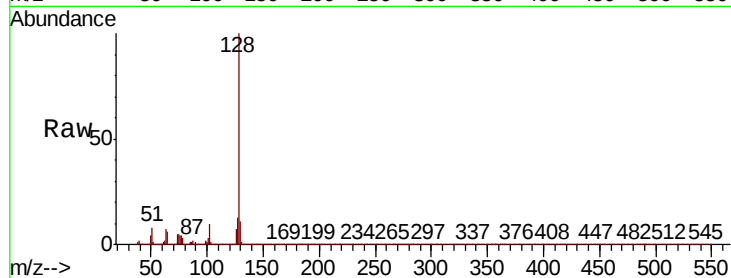




#31  
Naphthalene  
Concen: 43.013 ng  
RT: 10.36 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

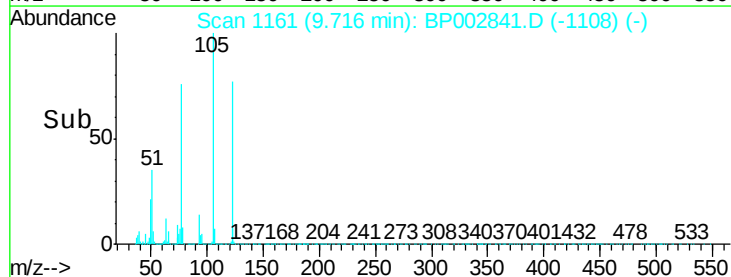
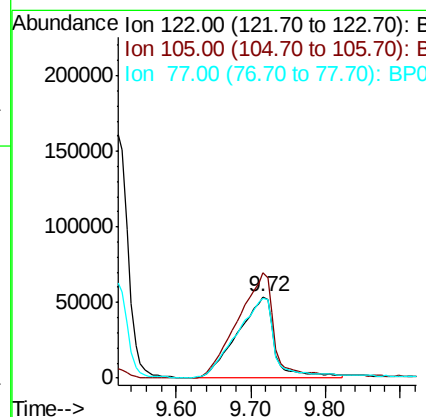
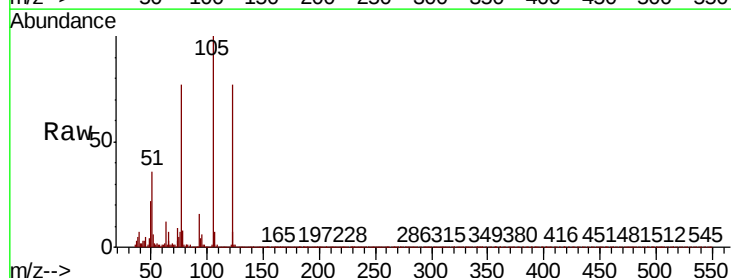
Instrument :  
BNA\_P  
ClientSampleId :

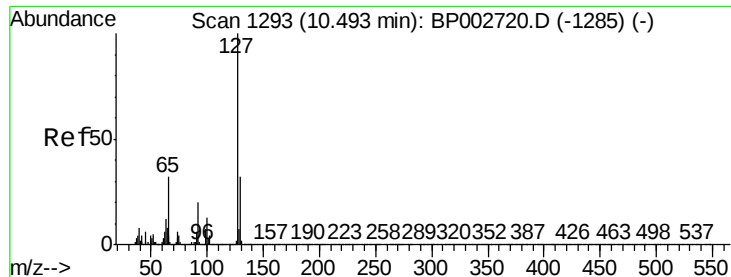
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.6   | 13.0  |
| 127     | 13.1  | 10.6  | 15.8  |



#32  
Benzoic acid  
Concen: 43.520 ng  
RT: 9.72 min Scan# 1161  
Delta R.T. 0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 129.3 | 105.4 | 145.4 |
| 77      | 98.9  | 78.5  | 118.5 |

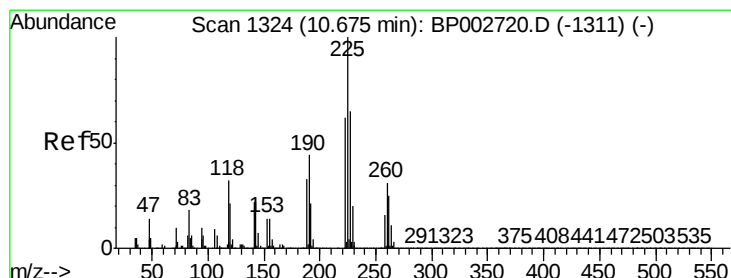
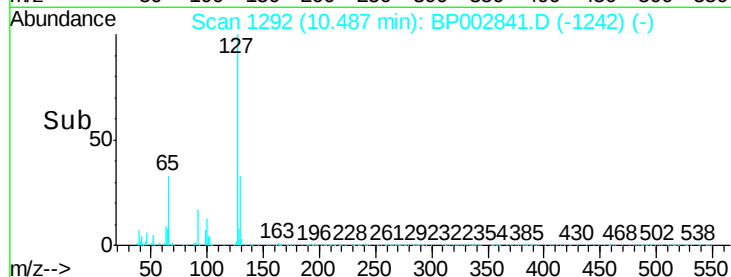
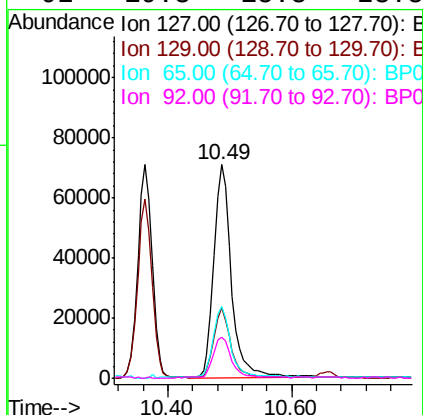
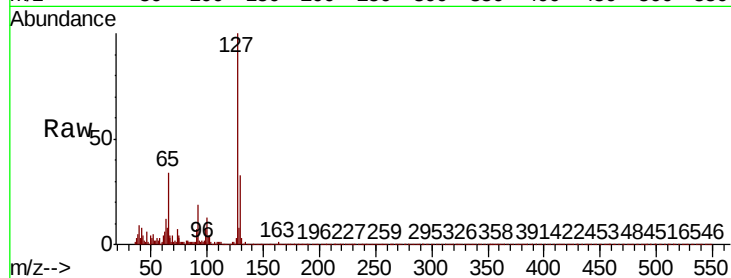




#33  
4-Chloroaniline  
Concen: 15.756 ng  
RT: 10.49 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

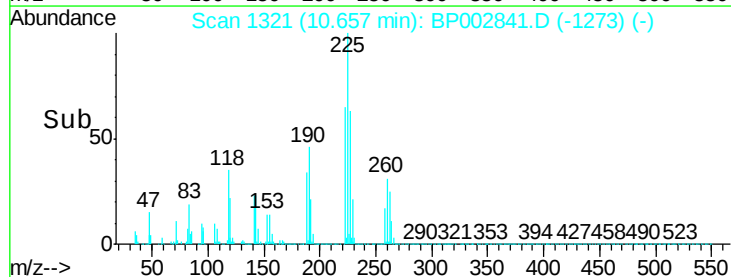
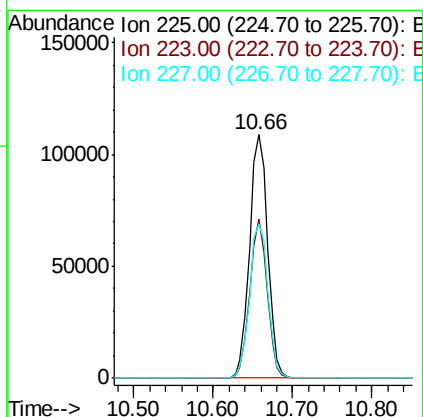
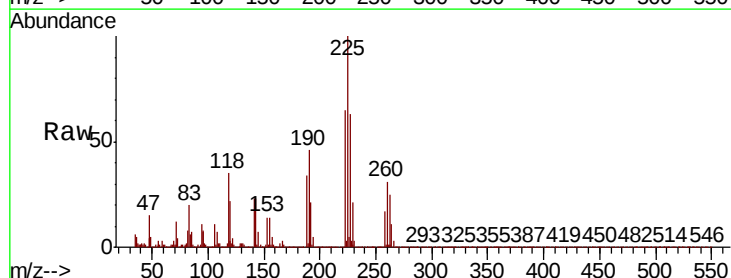
Instrument :  
BNA\_P  
ClientSampleId :

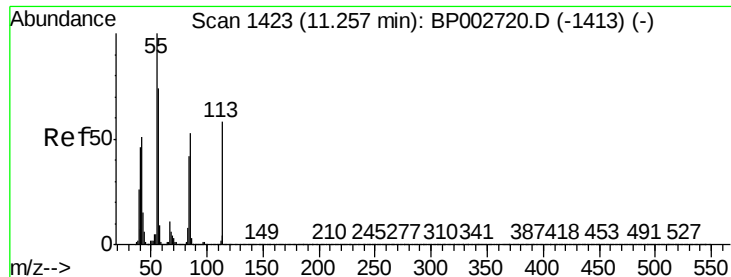
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 138990 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.1  | 25.3  | 37.9   |
| 65       | 33.6  | 25.4  | 38.2   |
| 92       | 19.3  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 42.934 ng  
RT: 10.66 min Scan# 1321  
Delta R.T. -0.02 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 173507 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.1  | 49.9  | 74.9   |
| 227      | 63.0  | 51.8  | 77.6   |

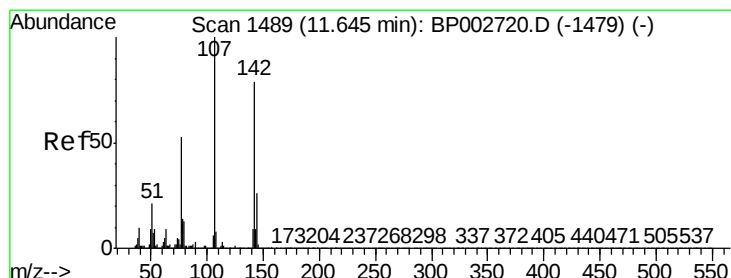
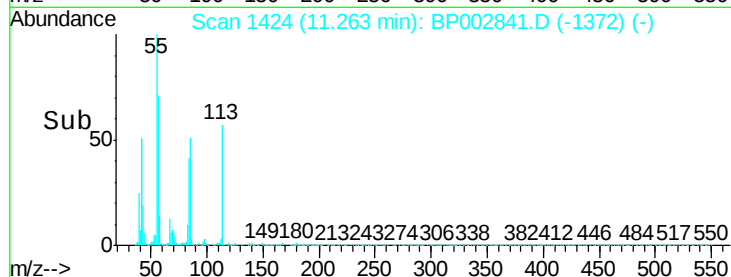
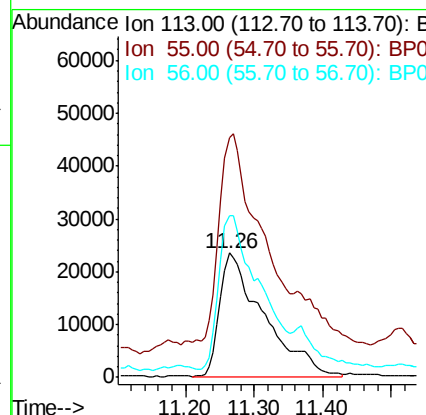
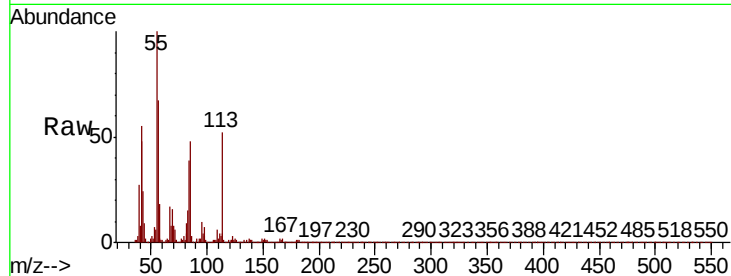




#35  
Caprolactam  
Concen: 48.709 ng  
RT: 11.26 min Scan# 1424  
Delta R.T. 0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

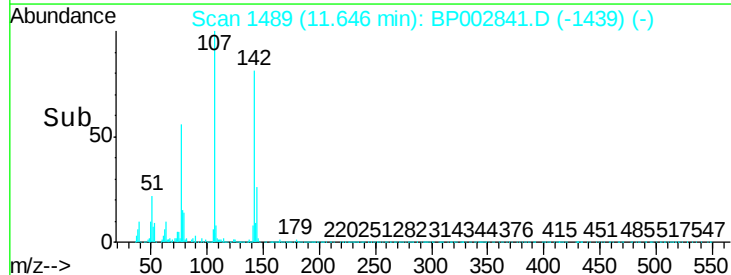
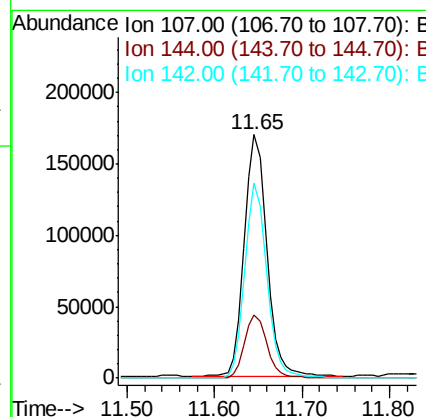
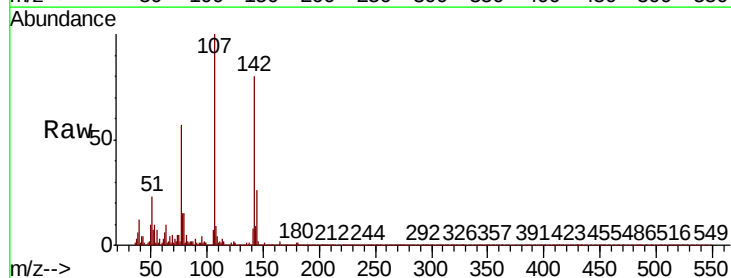
Instrument :  
BNA\_P  
ClientSampled :

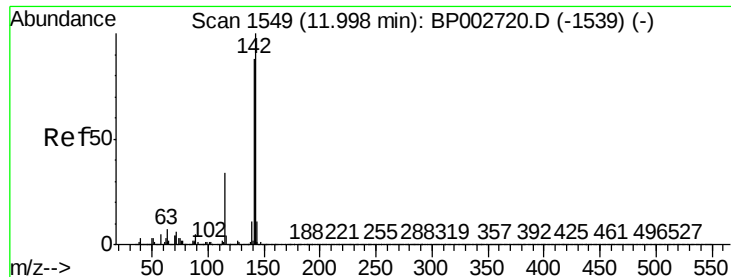
Tot Ion:113 Resp: 103960  
Ion Ratio Lower Upper  
113 100  
55 193.0 152.8 192.8#  
56 129.7 107.5 147.5



#36  
4-Chloro-3-methylphenol  
Concen: 45.048 ng  
RT: 11.65 min Scan# 1489  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

Tgt Ion:107 Resp: 296407  
Ion Ratio Lower Upper  
107 100  
144 26.0 20.6 30.8  
142 80.3 63.4 95.2

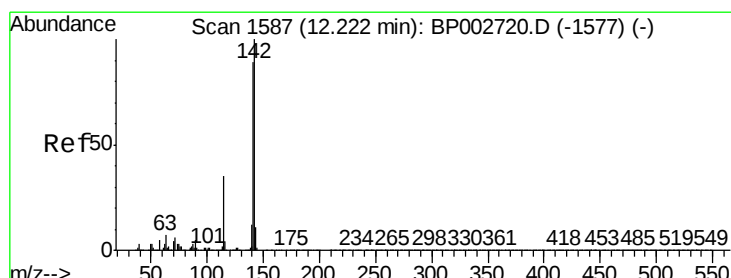
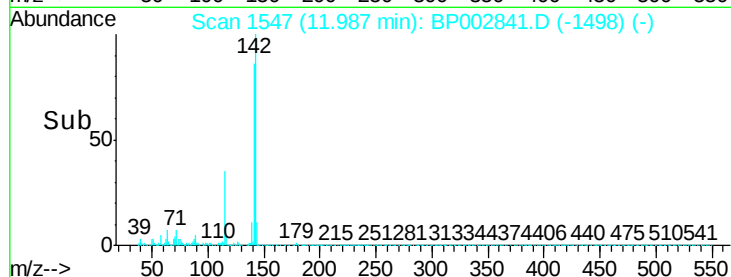
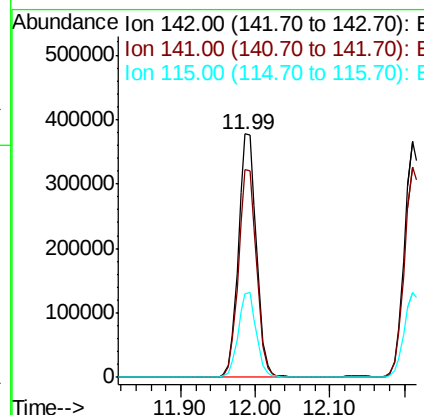
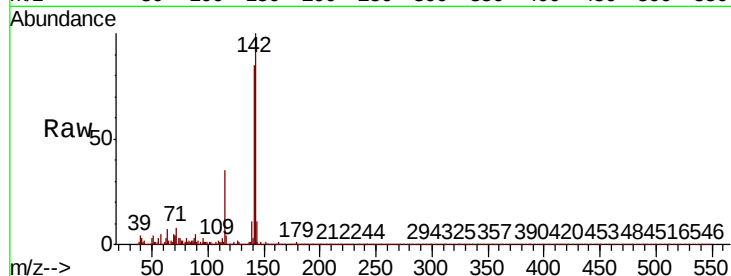




#37  
2-Methylnaphthalene  
Concen: 43.503 ng  
RT: 11.99 min Scan# 1547  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

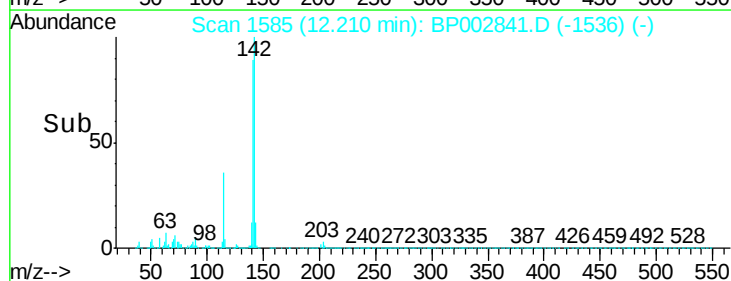
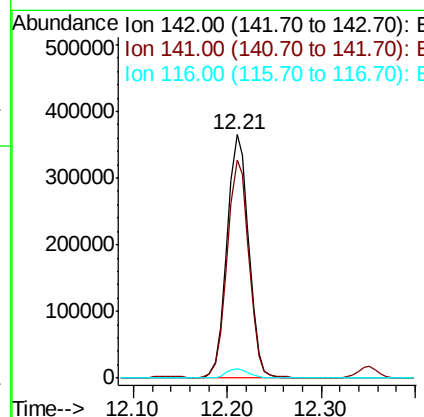
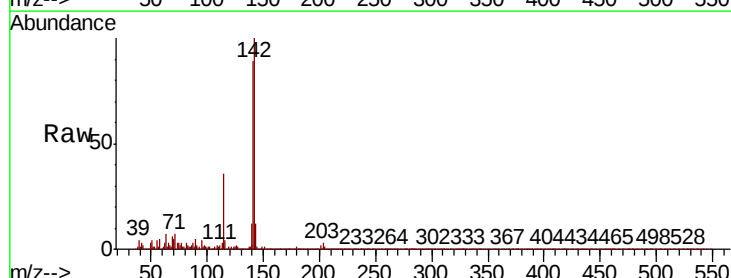
Instrument :  
BNA\_P  
ClientSampled :

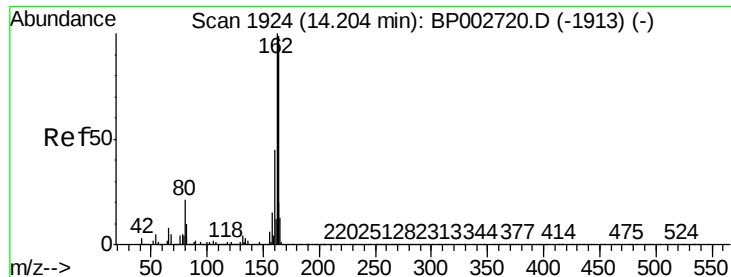
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 85.3  | 70.4  | 105.6 |
| 115     | 34.6  | 27.0  | 40.6  |



#38  
1-Methylnaphthalene  
Concen: 42.749 ng  
RT: 12.21 min Scan# 1585  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 71.5  | 107.3 |
| 116     | 3.9   | 2.9   | 4.3   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampleId :

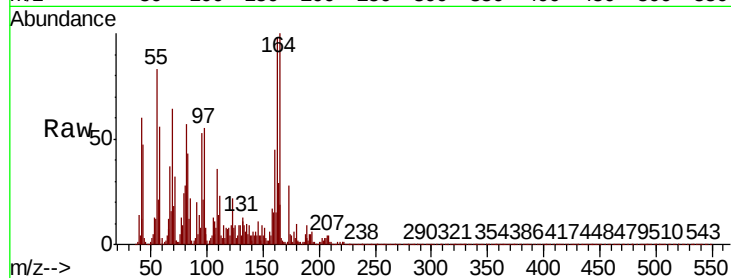
Tot Ion:164 Resp: 186932

Ion Ratio Lower Upper

164 100

162 97.6 80.6 121.0

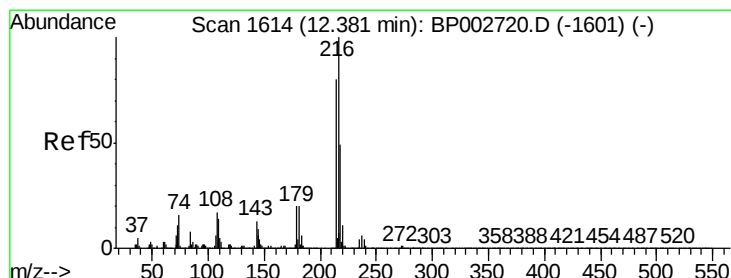
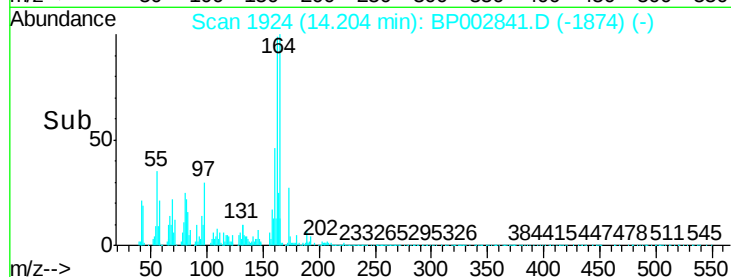
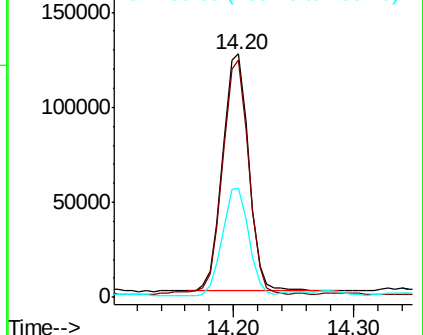
160 45.0 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.203 ng

RT: 12.37 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Tgt Ion:216 Resp: 322883

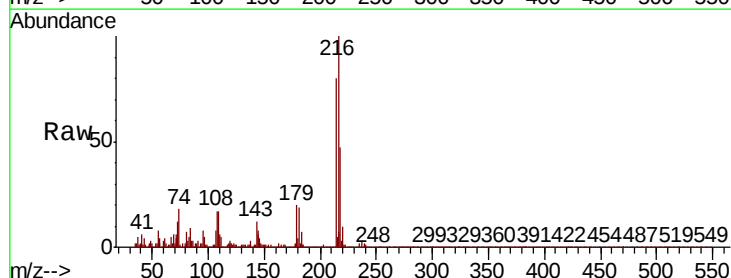
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 20.8 16.2 24.2

108 19.6 14.8 22.2

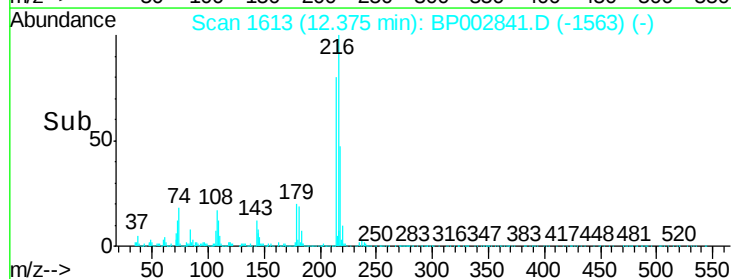
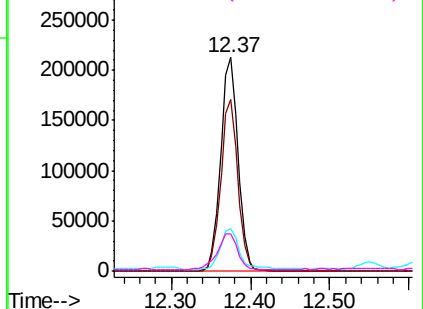


Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 80.018 ng

RT: 12.35 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BP002841.D

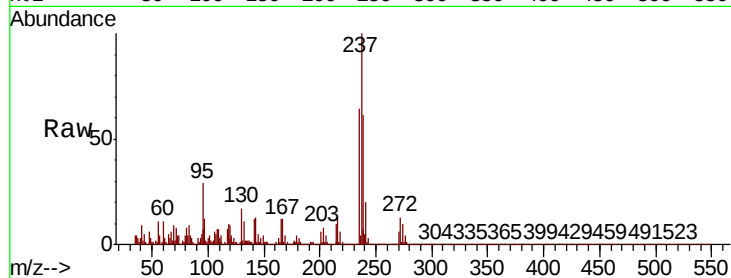
Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 237   | Resp: | 203629 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 64.0  | 42.3  | 82.3   |
| 272      | 12.9  | 0.0   | 32.5   |

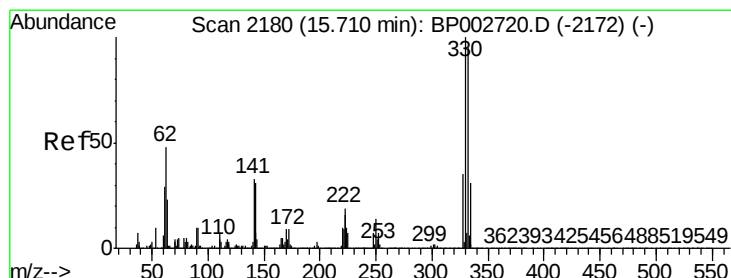
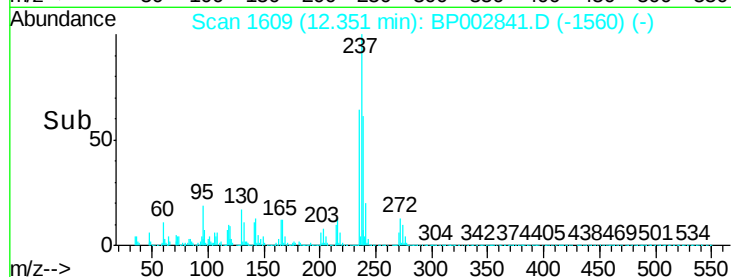
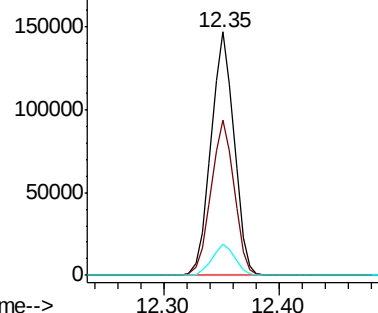


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 105.589 ng

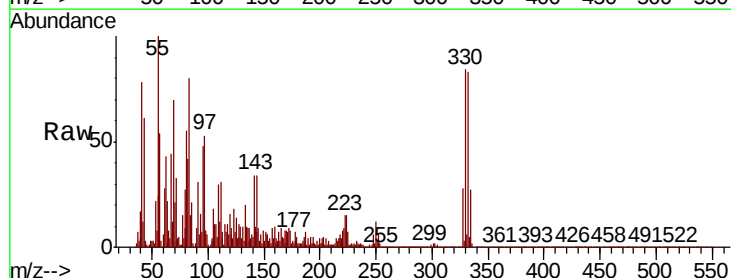
RT: 15.72 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 206033 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.8  | 76.5  | 114.7  |
| 141      | 32.3  | 28.8  | 43.2   |

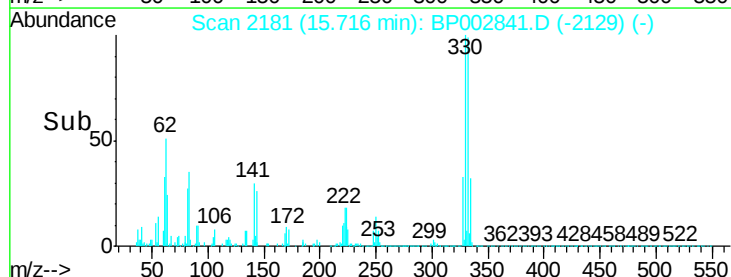
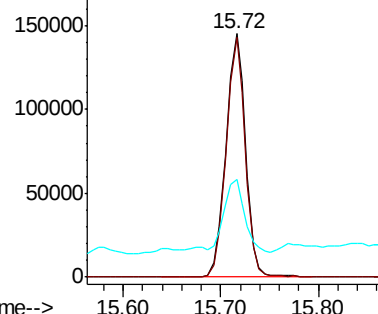


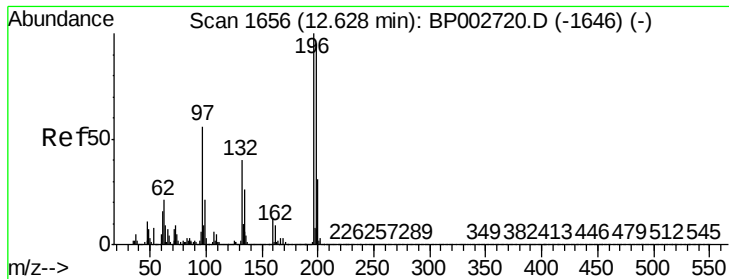
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

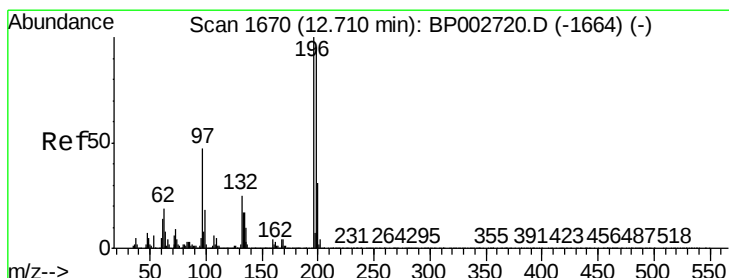
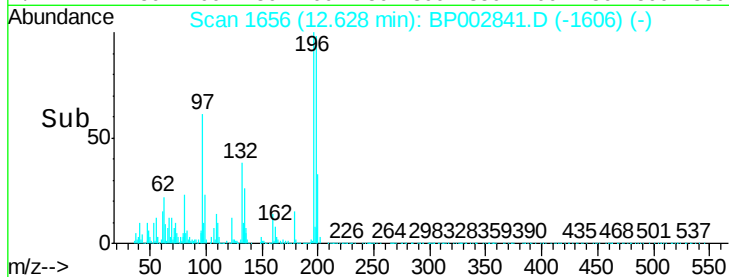
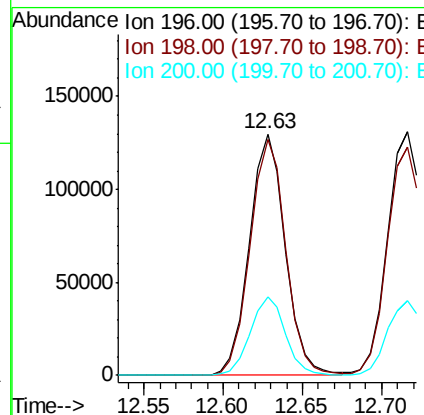
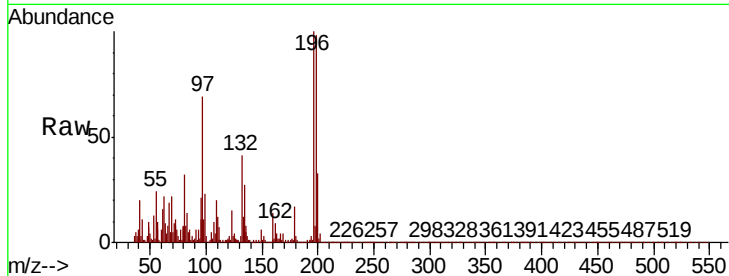




#43  
 2,4,6-Trichlorophenol  
 Concen: 55.260 ng  
 RT: 12.63 min Scan# 1656  
 Delta R.T. -0.01 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

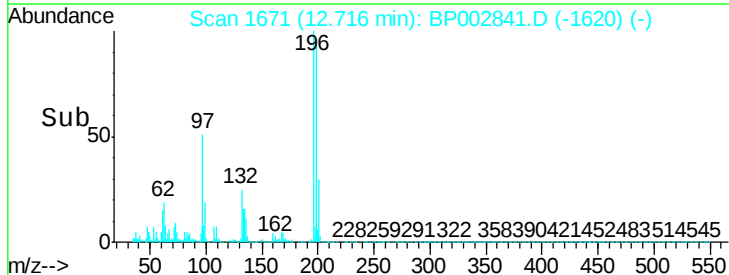
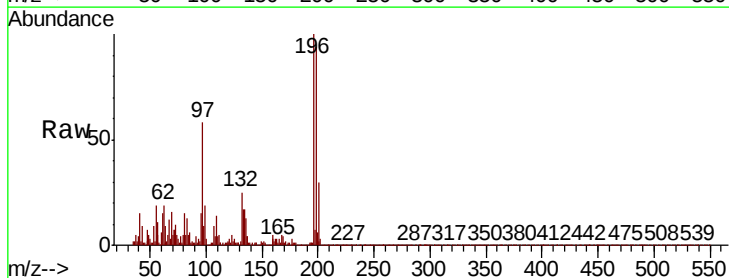
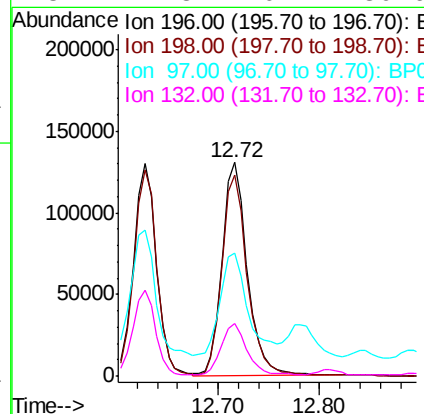
Instrument :  
 BNA\_P  
 ClientSampleId :

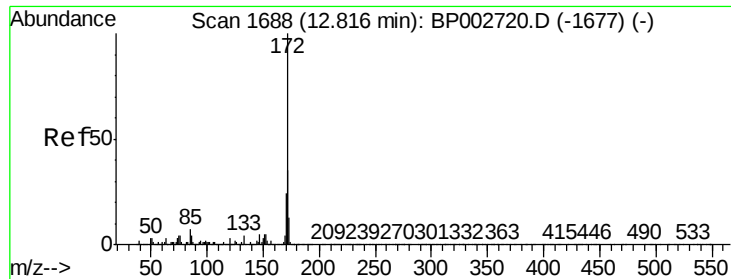
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.6  | 75.8  | 113.6 |
| 200     | 32.6  | 24.5  | 36.7  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 52.920 ng  
 RT: 12.72 min Scan# 1671  
 Delta R.T. 0.00 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.0  | 75.8  | 113.6 |
| 97      | 57.6  | 38.0  | 57.0# |
| 132     | 24.8  | 20.4  | 30.6  |

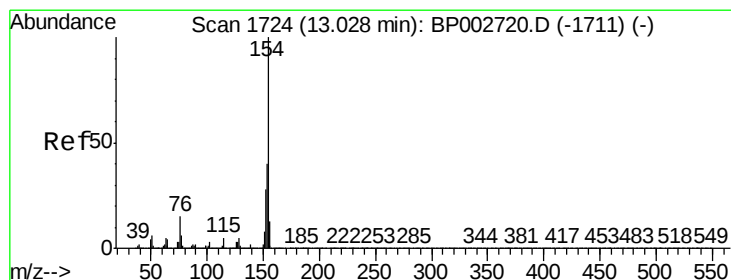
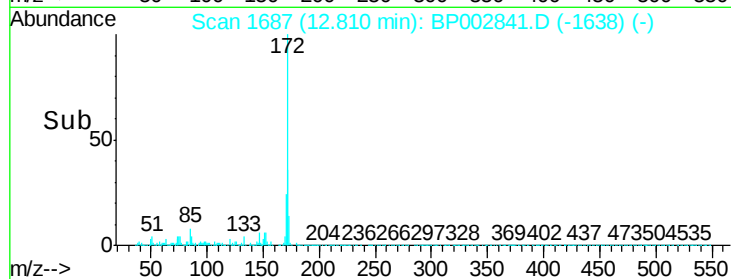
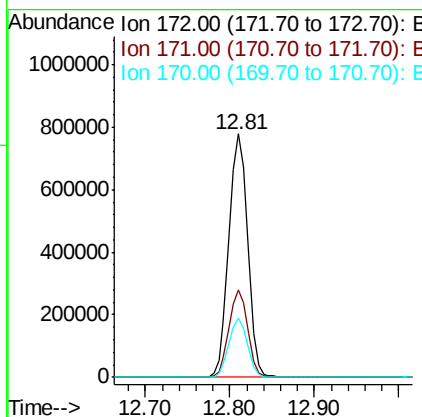
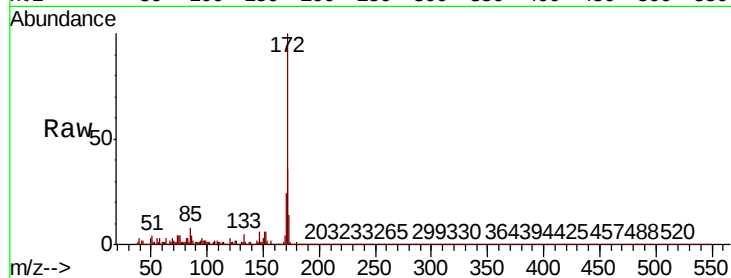




#45  
2-Fluorobiphenyl  
Concen: 98.522 ng  
RT: 12.81 min Scan# 1687  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

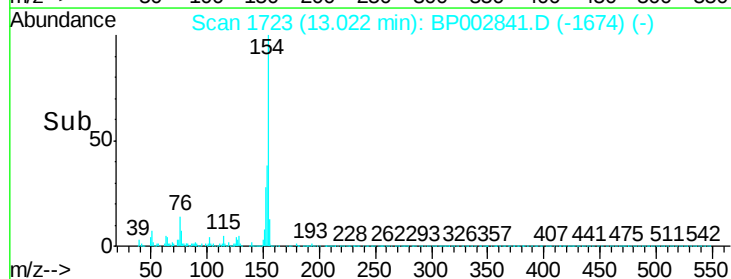
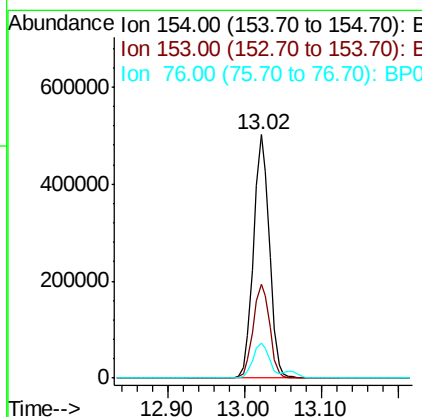
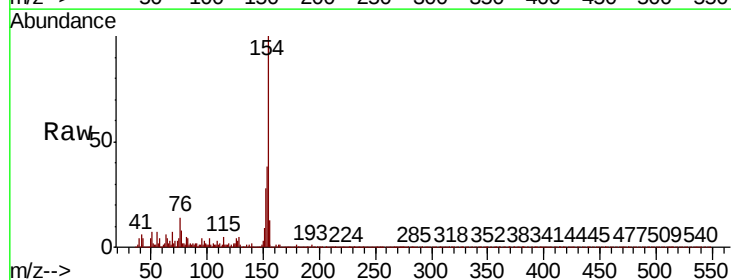
Instrument :  
BNA\_P  
ClientSampleId :

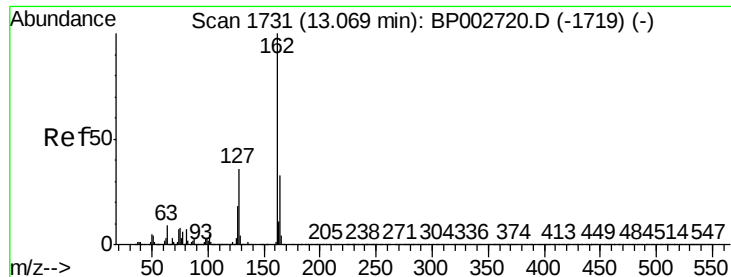
Tot Ion:172 Resp: 1190507  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.1 42.1  
170 24.3 19.3 28.9



#46  
1,1'-Biphenyl  
Concen: 52.283 ng  
RT: 13.02 min Scan# 1723  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

Tgt Ion:154 Resp: 728622  
Ion Ratio Lower Upper  
154 100  
153 38.5 19.8 59.8  
76 14.5 0.0 34.7

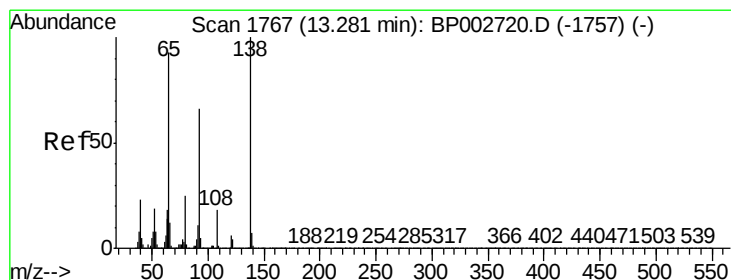
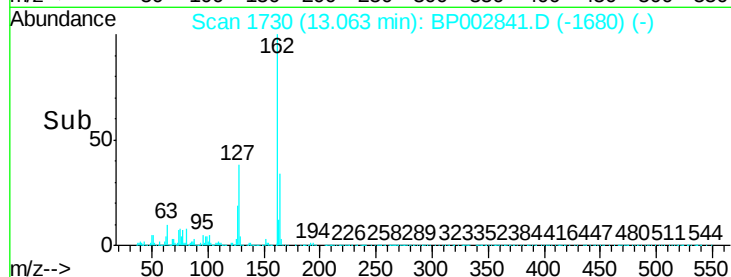
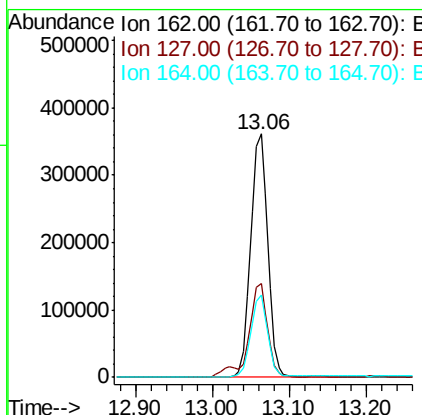
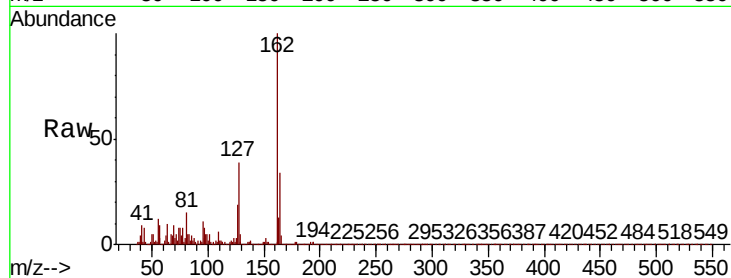




#47  
2-Chloronaphthalene  
Concen: 49.748 ng  
RT: 13.06 min Scan# 1730  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

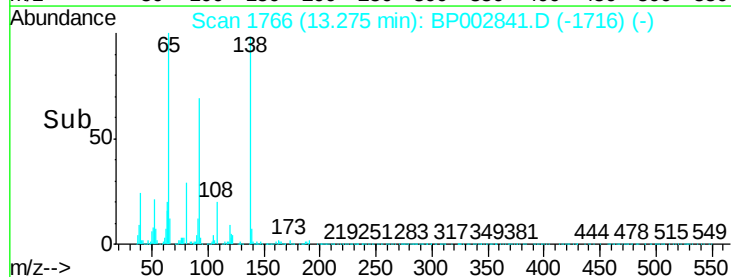
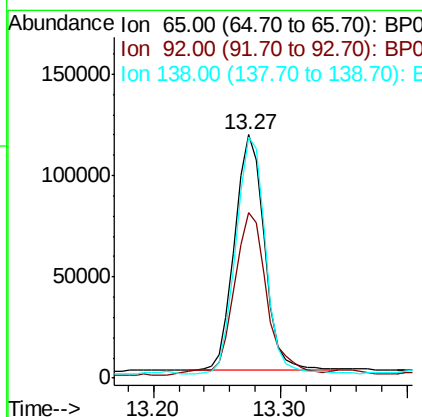
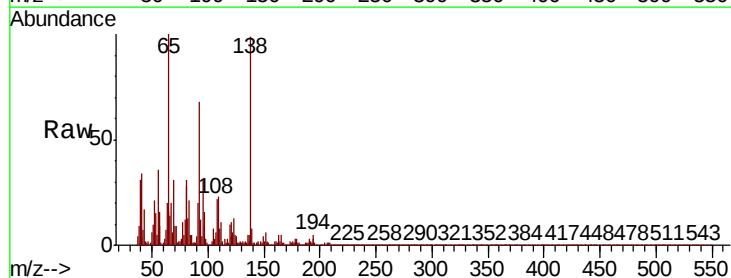
Instrument :  
BNA\_P  
ClientSampleId :

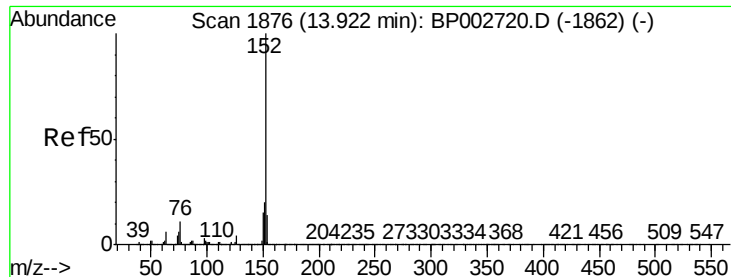
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.7  | 29.0  | 43.4  |
| 164     | 33.9  | 26.8  | 40.2  |



#48  
2-Nitroaniline  
Concen: 53.714 ng  
RT: 13.27 min Scan# 1766  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.9  | 57.0  | 85.6  |
| 138     | 99.2  | 86.0  | 129.0 |





#49

Acenaphthylene

Concen: 46.899 ng

RT: 13.92 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

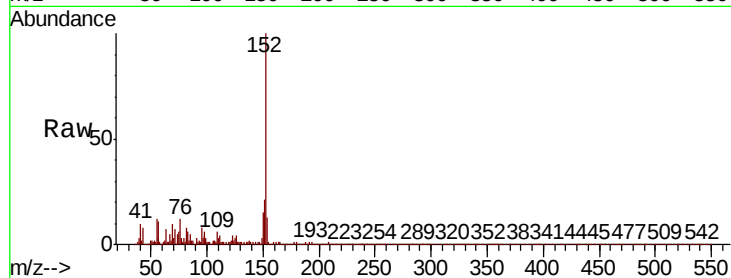
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:152 Resp: 836872

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.8  | 16.2  | 24.4  |
| 153 | 13.4  | 10.9  | 16.3  |

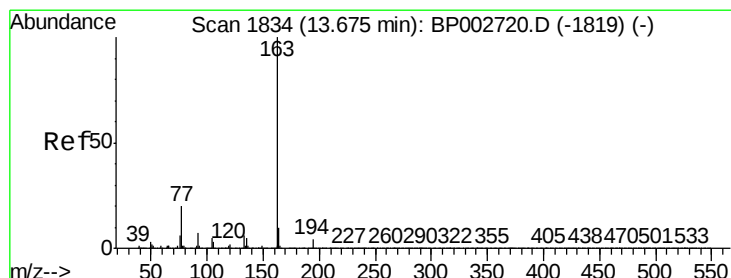
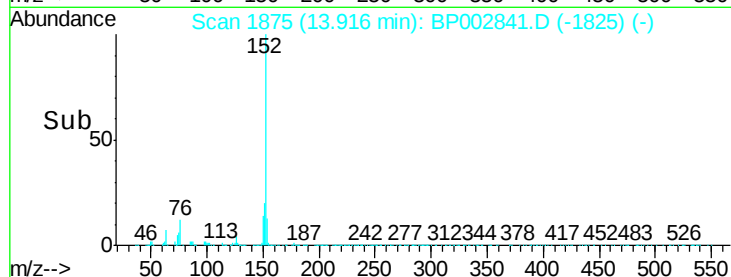
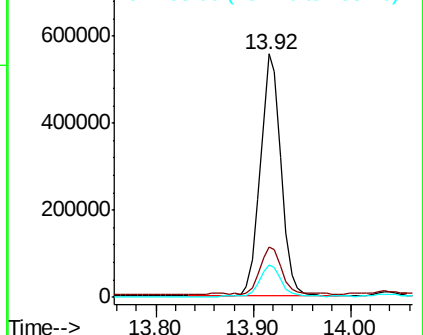


Abundance

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



#50

Dimethylphthalate

Concen: 58.491 ng

RT: 13.67 min Scan# 1833

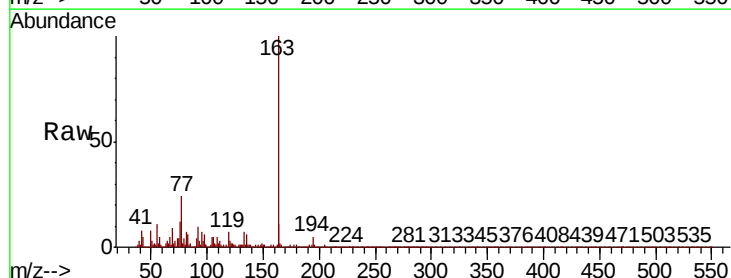
Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Tgt Ion:163 Resp: 833862

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.5   | 3.4   | 5.2   |
| 164 | 10.9  | 7.8   | 11.8  |

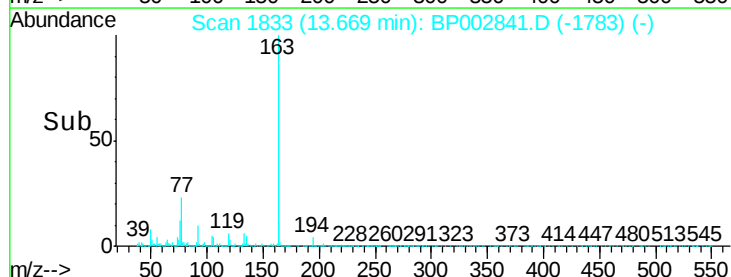
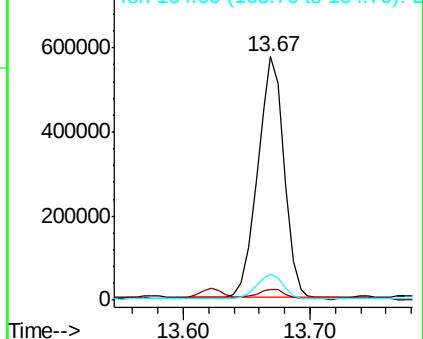


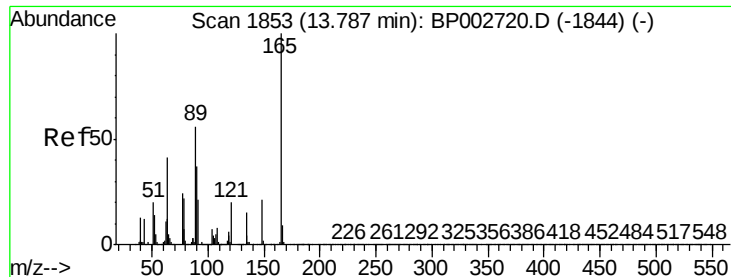
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 55.800 ng

RT: 13.79 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampleId :

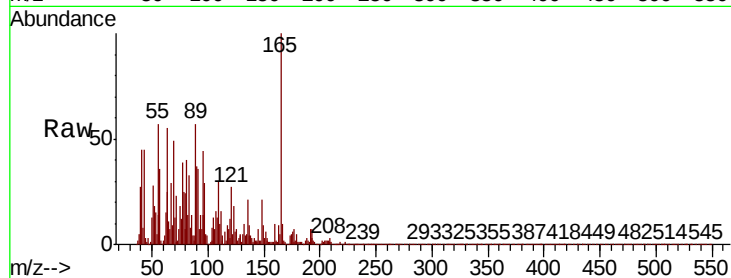
Tot Ion:165 Resp: 170304

Ion Ratio Lower Upper

165 100

63 54.8 43.2 64.8

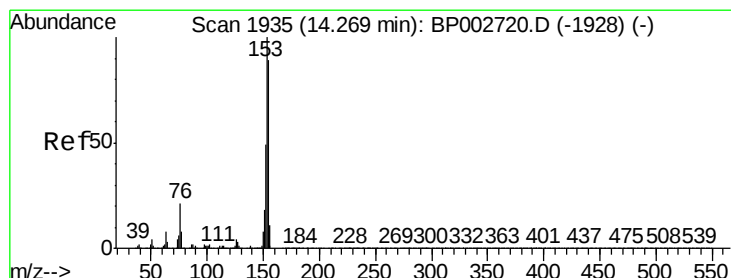
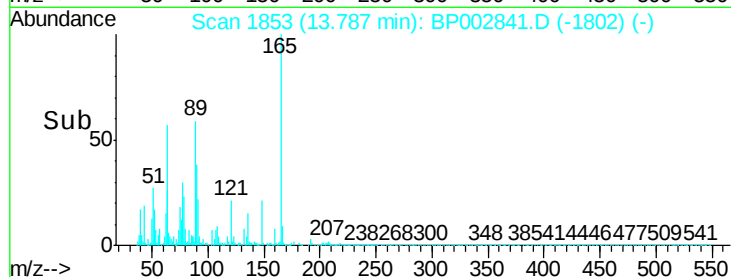
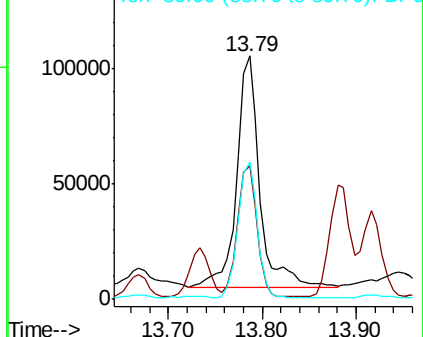
89 56.6 44.6 67.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 41.362 ng

RT: 14.27 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

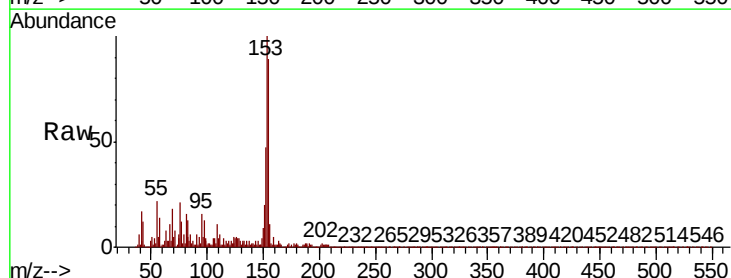
Tgt Ion:154 Resp: 441097

Ion Ratio Lower Upper

154 100

153 112.2 90.1 135.1

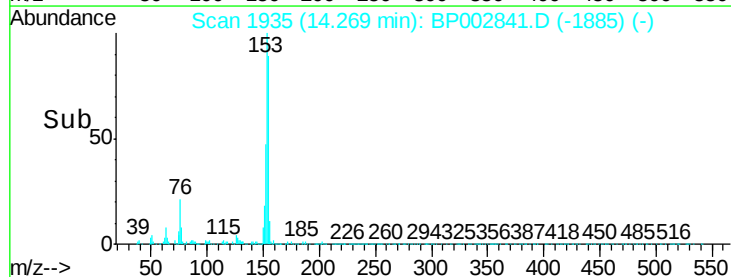
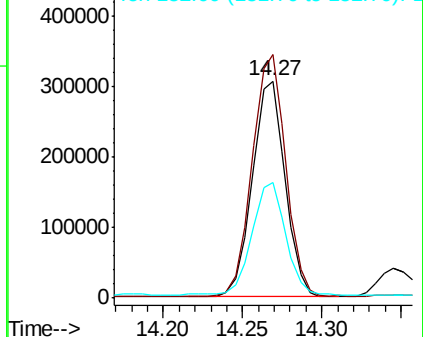
152 53.0 43.8 65.6

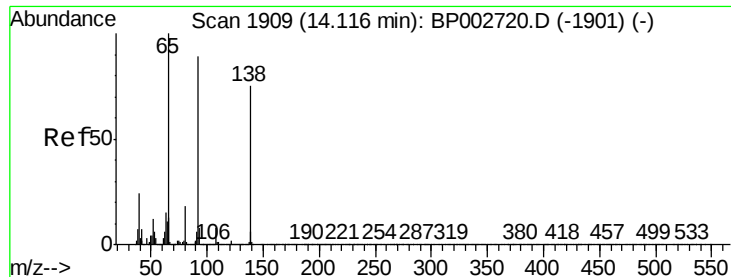


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

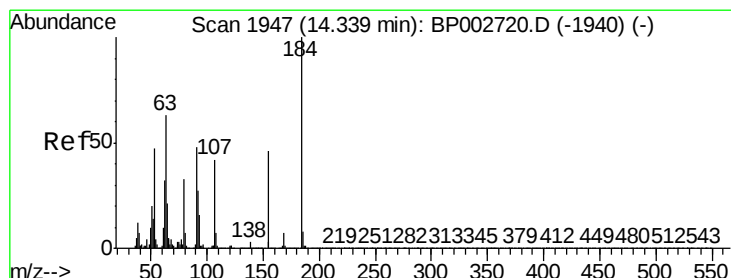
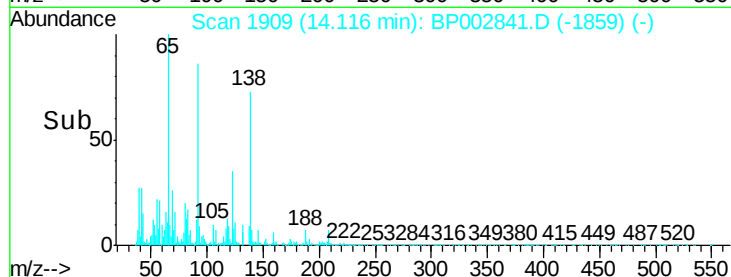
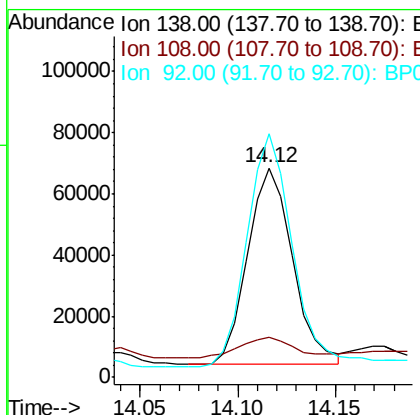
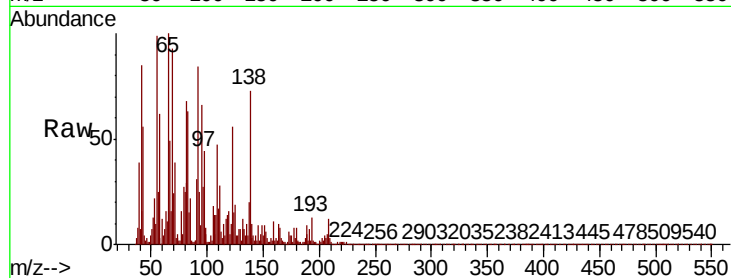




#53  
 3-Nitroaniline  
 Concen: 30.220 ng  
 RT: 14.12 min Scan# 1909  
 Delta R.T. -0.01 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

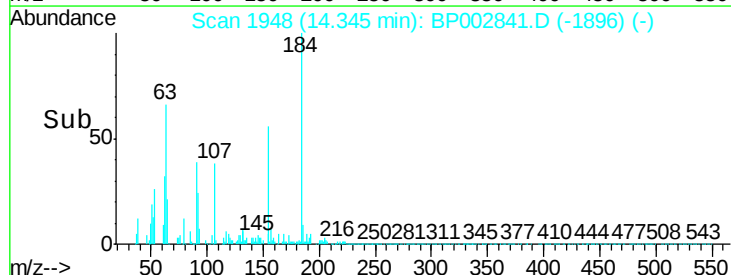
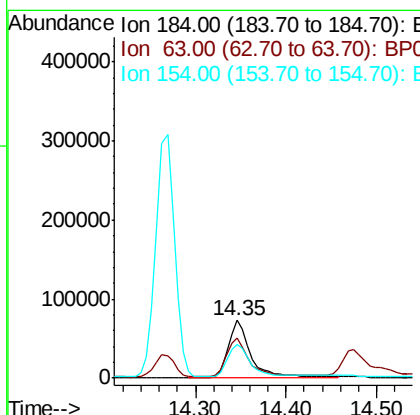
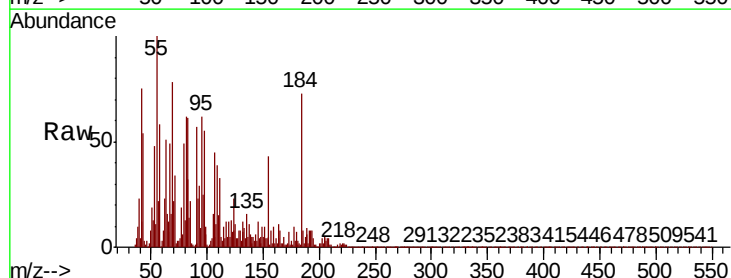
Instrument :  
 BNA\_P  
 ClientSampleId :

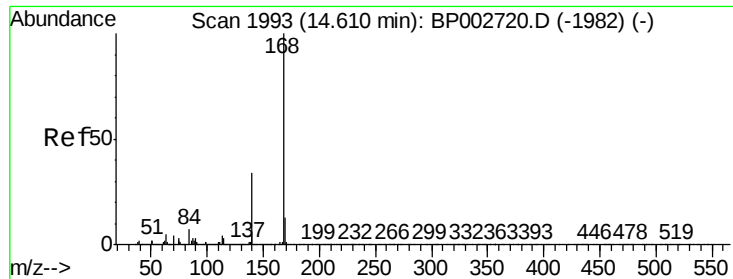
Tot Ion:138 Resp: 103193  
 Ion Ratio Lower Upper  
 138 100  
 108 19.2 8.2 12.2#  
 92 116.2 94.3 141.5



#54  
 2,4-Dinitrophenol  
 Concen: 75.661 ng  
 RT: 14.35 min Scan# 1948  
 Delta R.T. 0.01 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

Tgt Ion:184 Resp: 127590  
 Ion Ratio Lower Upper  
 184 100  
 63 69.1 51.6 77.4  
 154 58.3 45.0 67.6

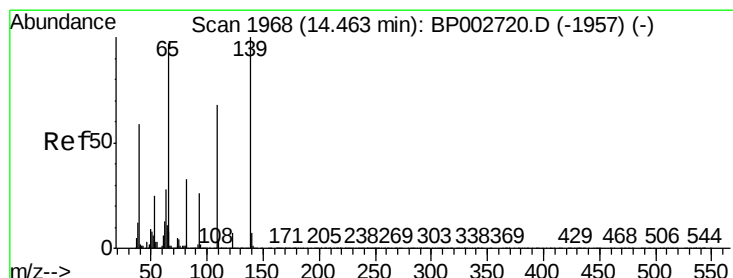
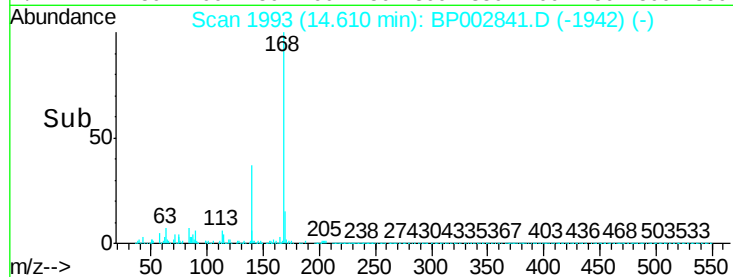
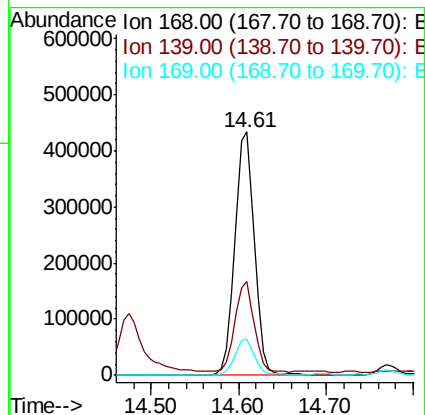
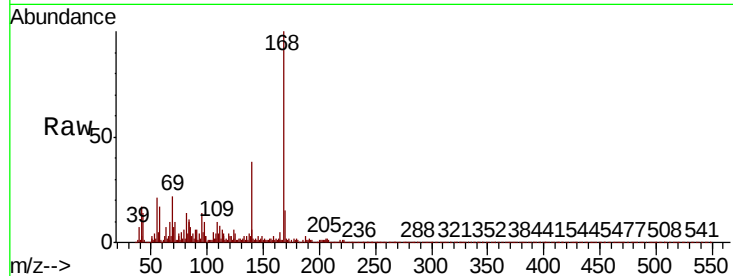




#55  
Dibenzofuran  
Concen: 38.192 ng  
RT: 14.61 min Scan# 1993  
Delta R.T. 0.00 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

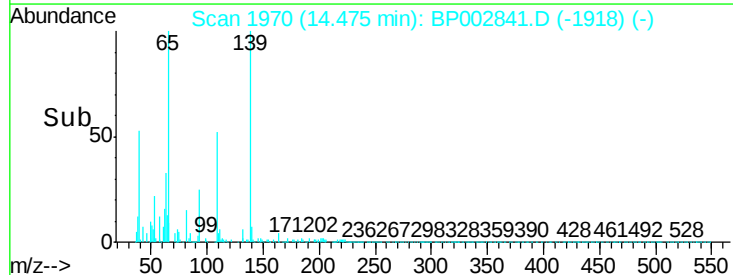
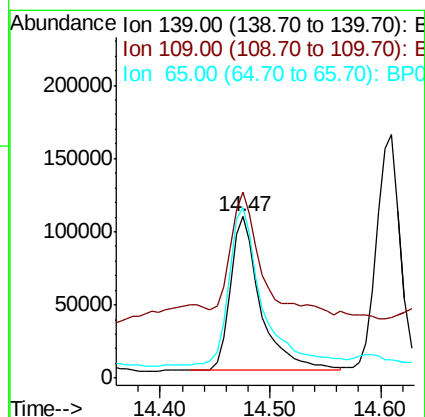
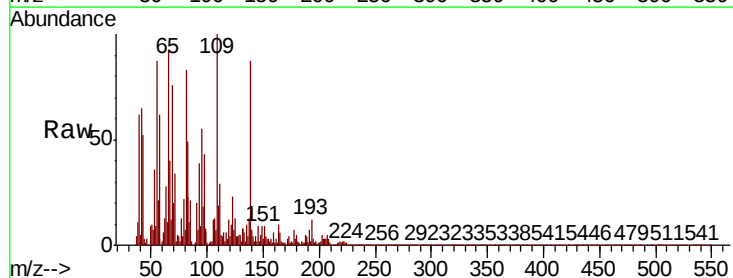
Instrument :  
BNA\_P  
ClientSampled :

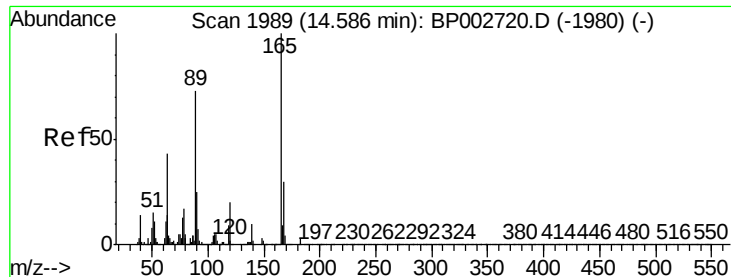
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.3  | 27.1  | 40.7  |
| 169     | 14.8  | 10.8  | 16.2  |



#56  
4-Nitrophenol  
Concen: 74.513 ng  
RT: 14.47 min Scan# 1970  
Delta R.T. 0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 115.5 | 48.1  | 88.1# |
| 65      | 105.9 | 77.9  | 117.9 |

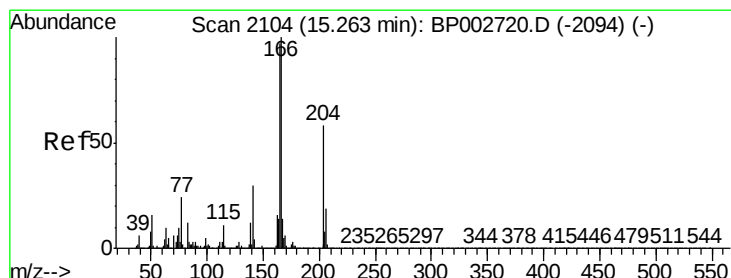
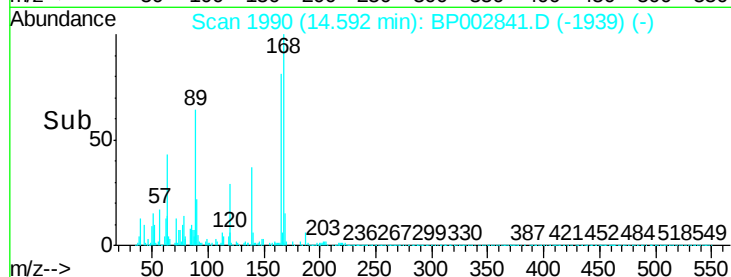
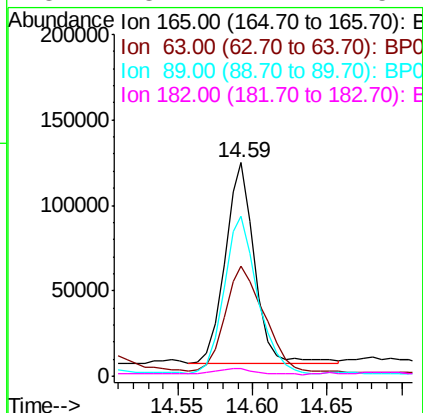
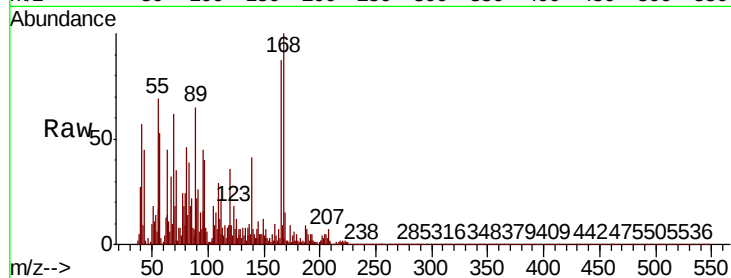




#57  
2,4-Dinitrotoluene  
Concen: 40.289 ng  
RT: 14.59 min Scan# 1990  
Delta R.T. 0.00 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

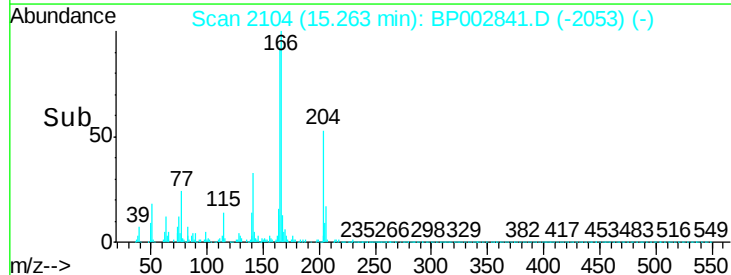
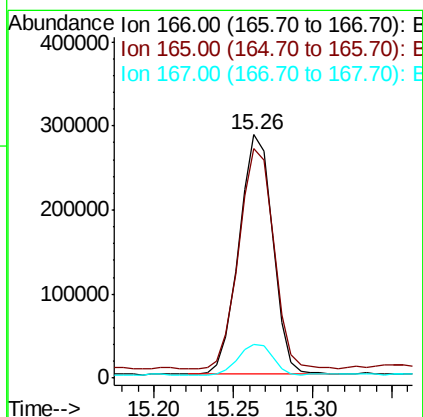
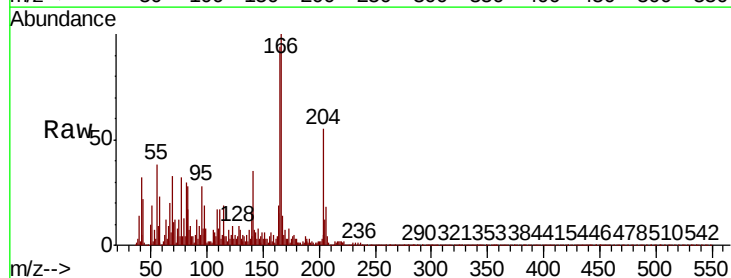
Instrument :  
BNA\_P  
ClientSampleId :

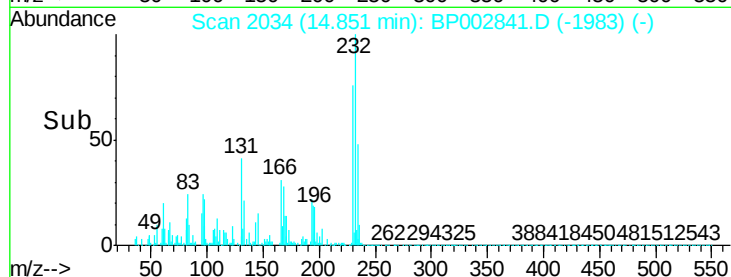
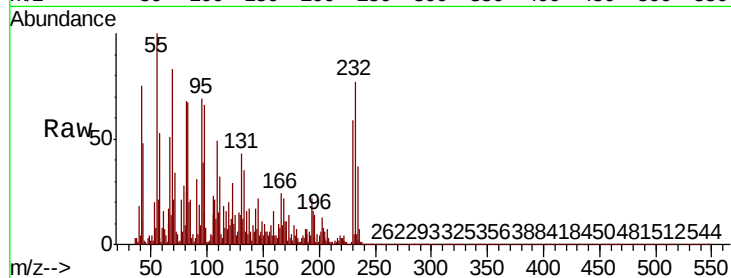
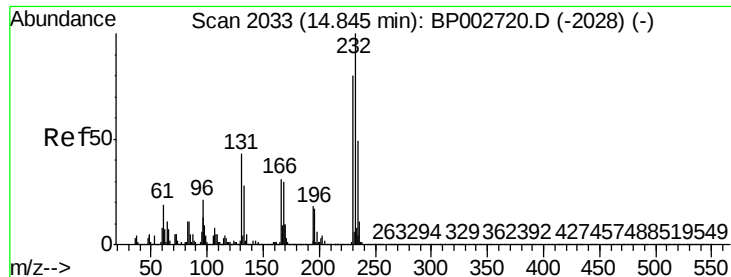
Tot Ion:165 Resp: 161940  
Ion Ratio Lower Upper  
165 100  
63 51.7 35.1 52.7  
89 74.9 58.4 87.6  
182 3.4 2.2 3.2#



#58  
Fluorene  
Concen: 33.316 ng  
RT: 15.26 min Scan# 2104  
Delta R.T. 0.00 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

Tgt Ion:166 Resp: 421633  
Ion Ratio Lower Upper  
166 100  
165 94.4 77.7 116.5  
167 14.1 11.0 16.6

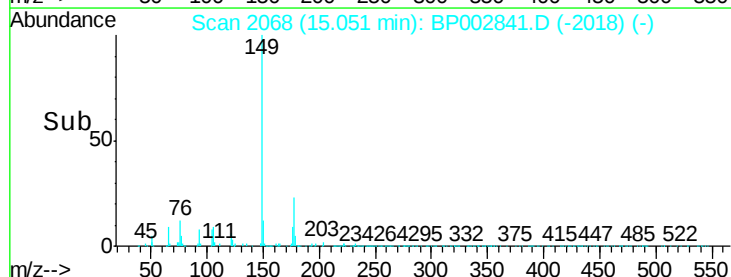
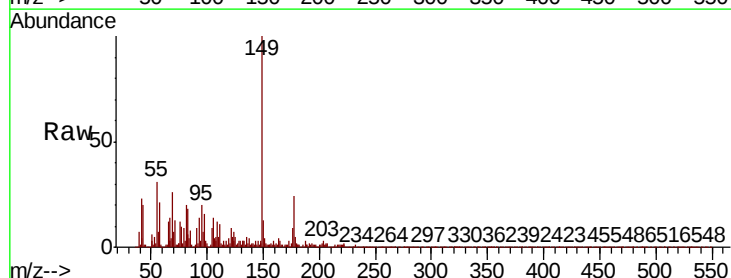
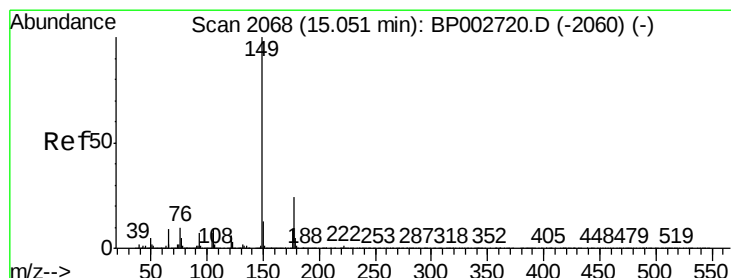
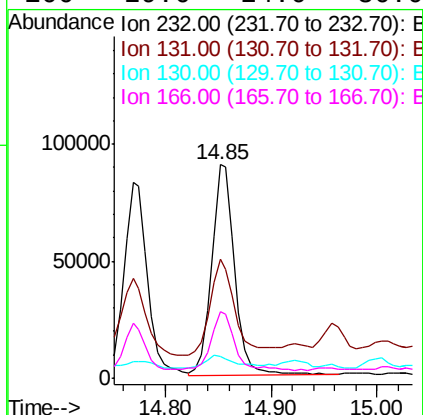




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.489 ng  
RT: 14.85 min Scan# 2034  
Delta R.T. 0.00 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

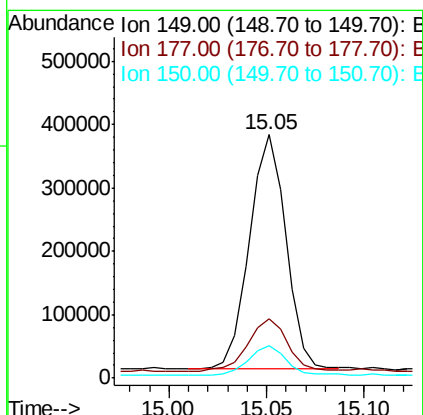
Instrument :  
BNA\_P  
ClientSampleId :

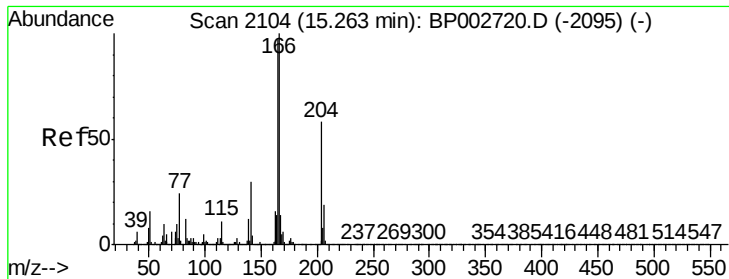
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 49.4  | 34.3  | 51.5  |
| 130     | 8.2   | 1.8   | 2.6   |
| 166     | 29.6  | 24.0  | 36.0  |



#60  
Diethylphthalate  
Concen: 34.766 ng  
RT: 15.05 min Scan# 2068  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.4  | 18.9  | 28.3  |
| 150     | 13.2  | 10.1  | 15.1  |

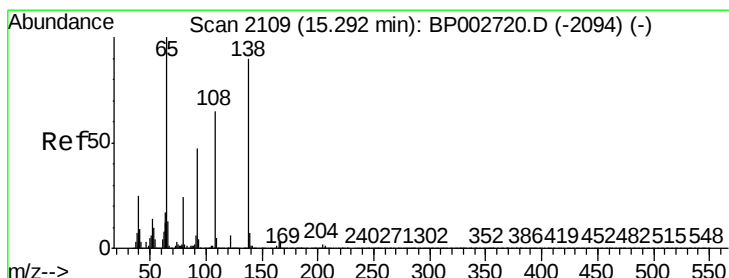
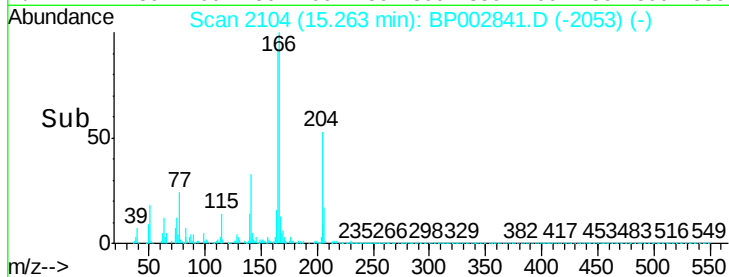
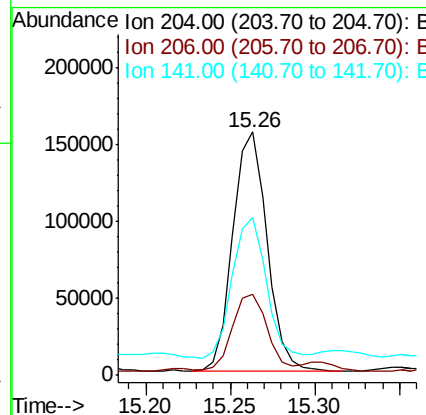
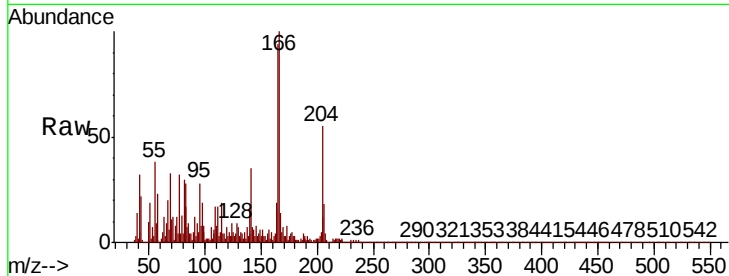




#61  
4-Chlorophenyl-phenylether  
Concen: 32.759 ng  
RT: 15.26 min Scan# 2104  
Delta R.T. 0.00 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

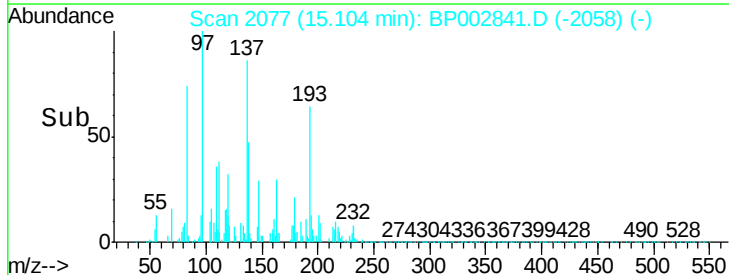
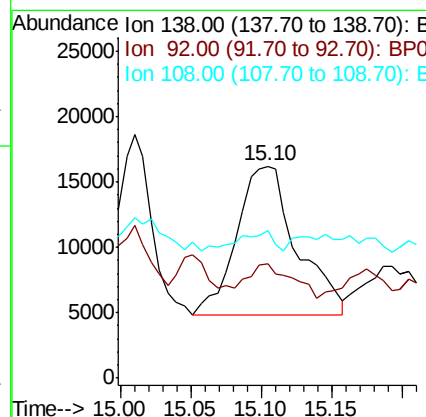
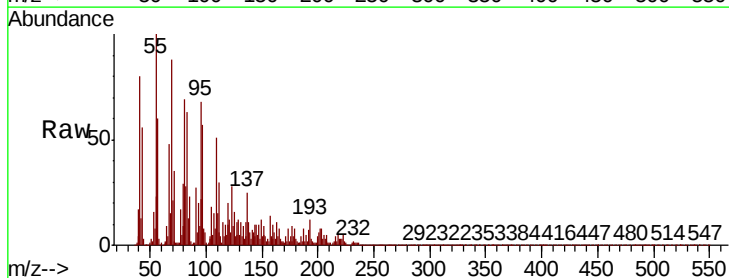
Instrument :  
BNA\_P  
ClientSampled :

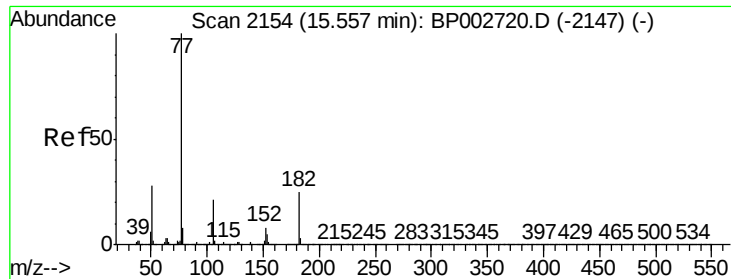
Tot Ion:204 Resp: 220285  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.1 39.1  
141 64.6 41.8 62.8#



#62  
4-Nitroaniline  
Concen: 10.424 ng  
RT: 15.10 min Scan# 2077  
Delta R.T. -0.19 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

Tgt Ion:138 Resp: 33891  
Ion Ratio Lower Upper  
138 100  
92 53.8 32.0 72.0  
108 69.6 52.2 92.2

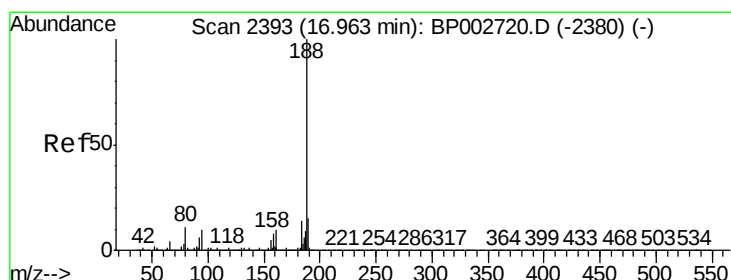
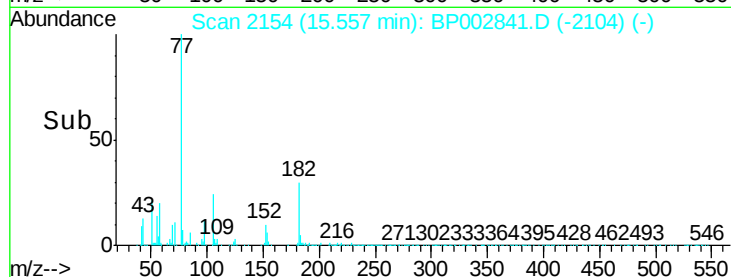
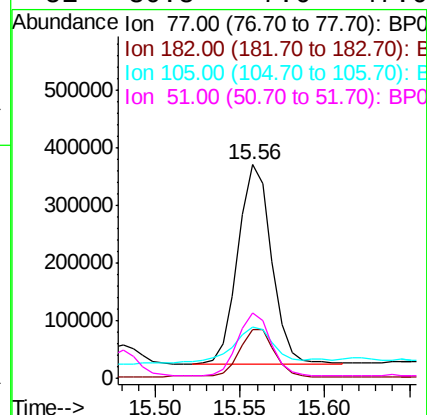
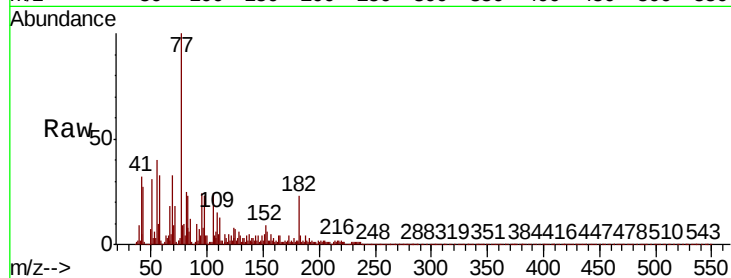




#63  
Azobenzene  
Concen: 33.945 ng  
RT: 15.56 min Scan# 2154  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

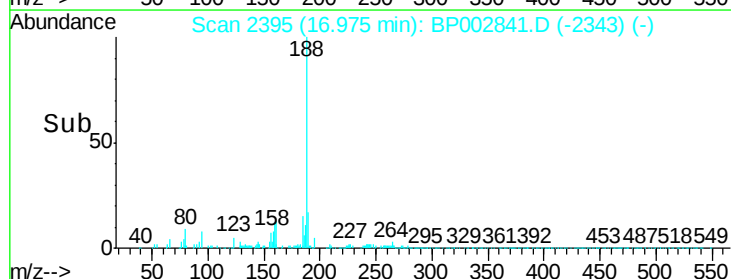
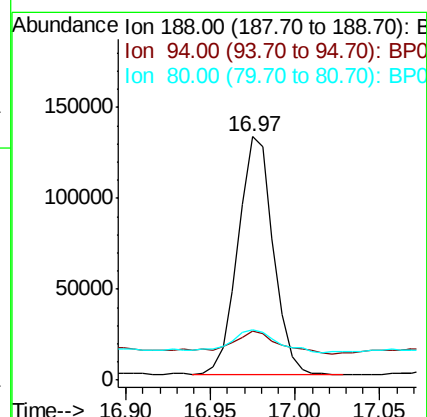
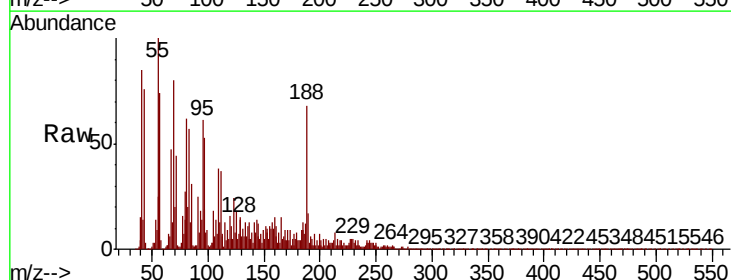
Instrument :  
BNA\_P  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 482426 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 22.7  | 5.1   | 45.1   |
| 105      | 24.0  | 0.8   | 40.8   |
| 51       | 30.8  | 7.6   | 47.6   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.97 min Scan# 2395  
Delta R.T. 0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 188837 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 19.9  | 8.1   | 12.1#  |
| 80       | 20.5  | 8.9   | 13.3#  |





#65

4,6-Dinitro-2-methylphenol

Concen: 64.371 ng

RT: 15.37 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampleId :

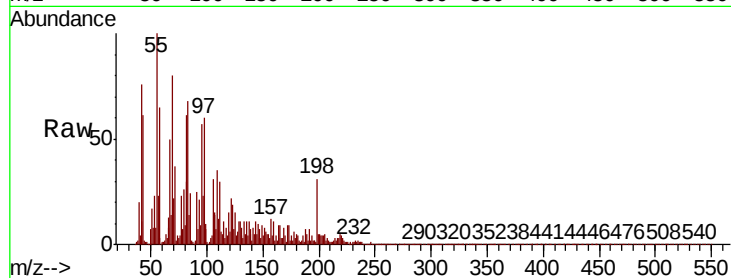
Tot Ion:198 Resp: 74935

Ion Ratio Lower Upper

198 100

51 54.0 27.1 67.1

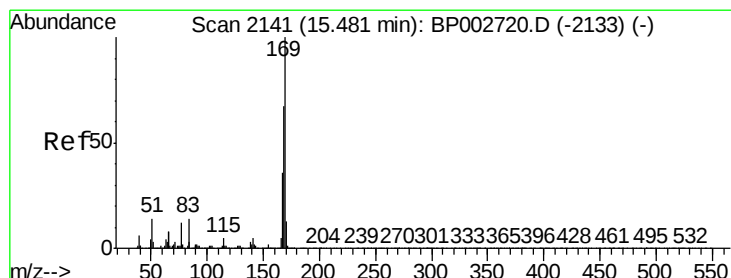
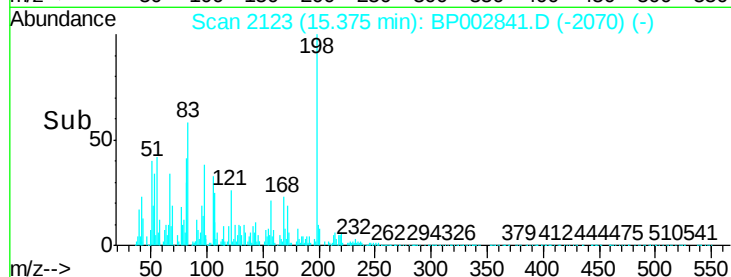
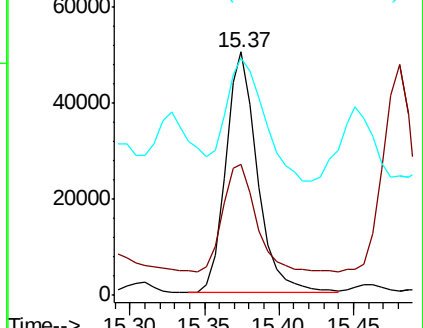
105 97.5 24.9 64.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 74.319 ng

RT: 15.48 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

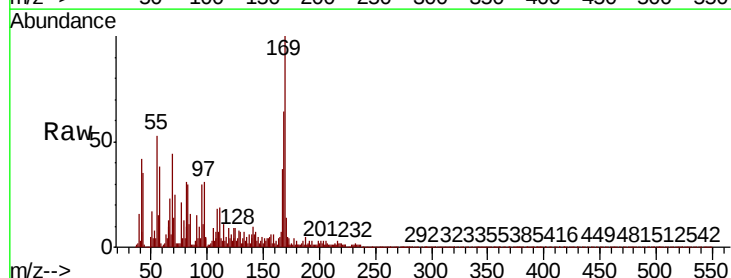
Tgt Ion:169 Resp: 414573

Ion Ratio Lower Upper

169 100

168 64.1 53.4 80.0

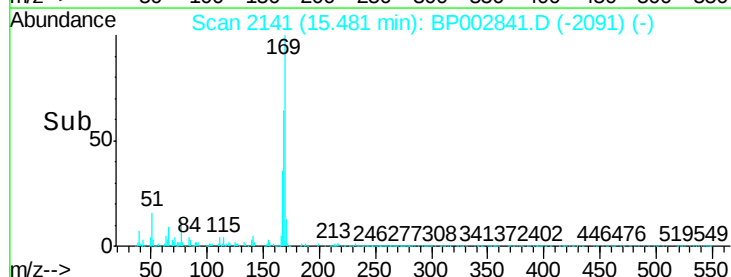
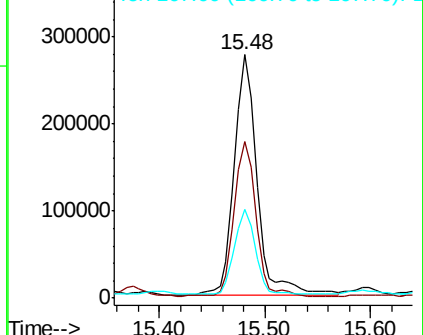
167 36.6 29.2 43.8

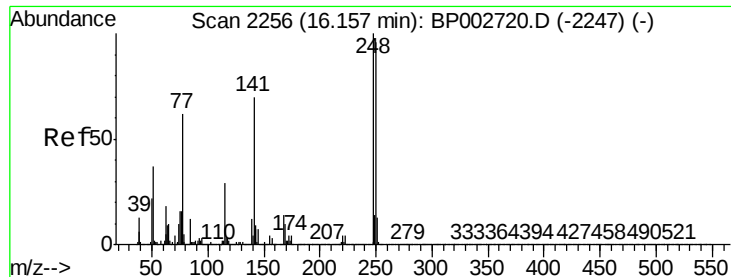


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

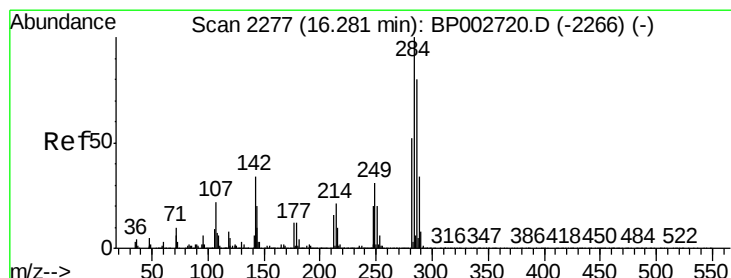
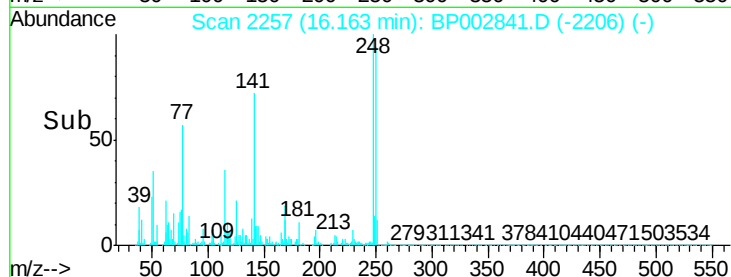
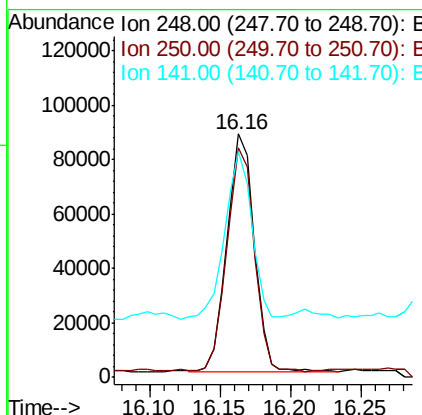
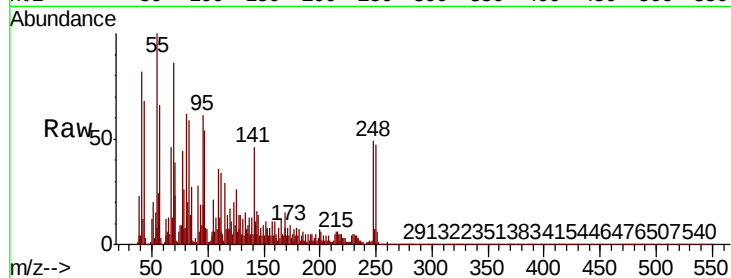




#67  
4-Bromophenyl-phenylether  
Concen: 56.976 ng  
RT: 16.16 min Scan# 2257  
Delta R.T. 0.00 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

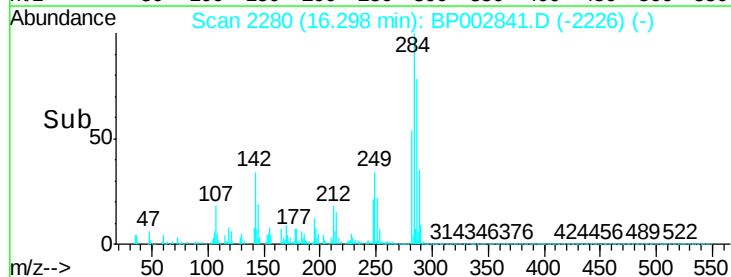
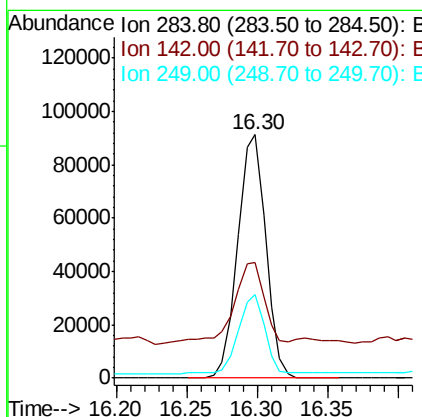
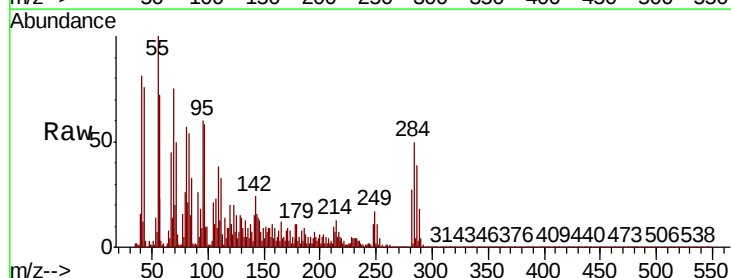
Instrument :  
BNA\_P  
ClientSampled :

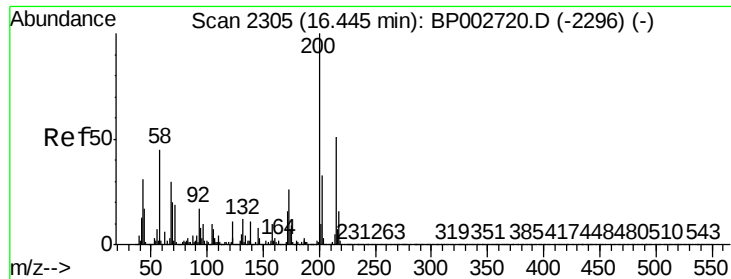
Tot Ion:248 Resp: 117199  
Ion Ratio Lower Upper  
248 100  
250 94.4 76.7 115.1  
141 92.9 55.9 83.9#



#68  
Hexachlorobenzene  
Concen: 58.458 ng  
RT: 16.30 min Scan# 2280  
Delta R.T. 0.02 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

Tgt Ion:284 Resp: 126693  
Ion Ratio Lower Upper  
284 100  
142 47.4 26.9 40.3#  
249 34.3 24.6 37.0

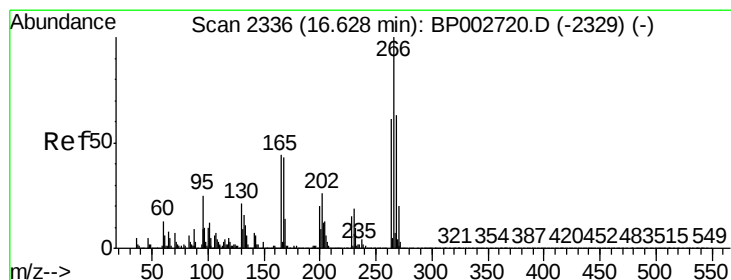
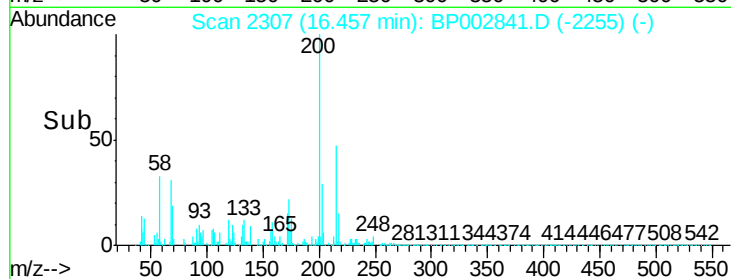
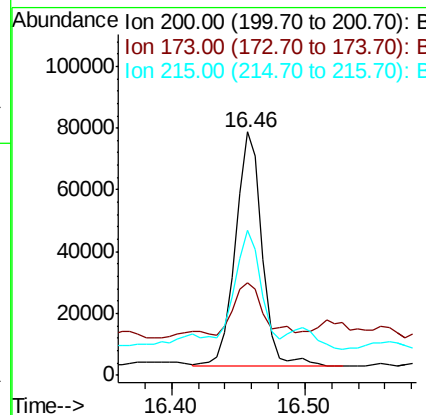
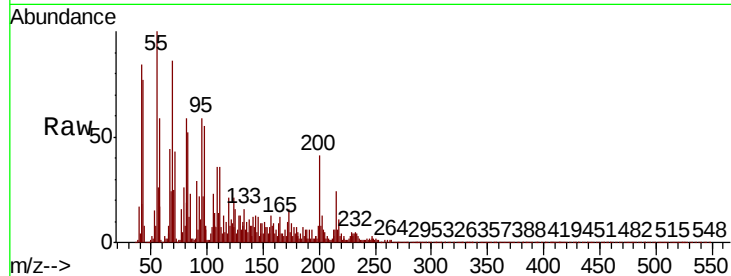




#69  
Atrazine  
Concen: 69.957 ng  
RT: 16.46 min Scan# 2307  
Delta R.T. 0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

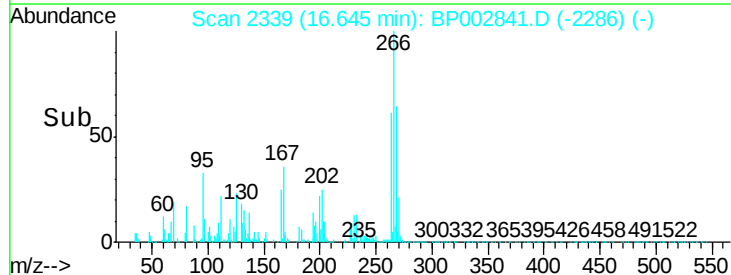
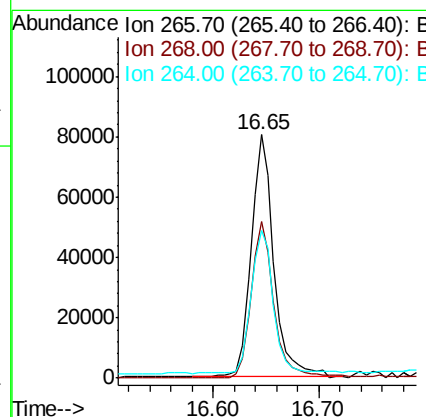
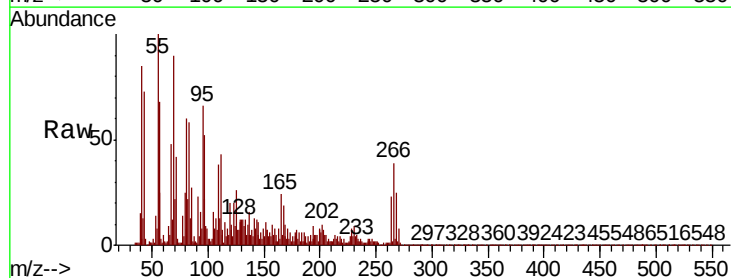
Instrument :  
BNA\_P  
ClientSampled :

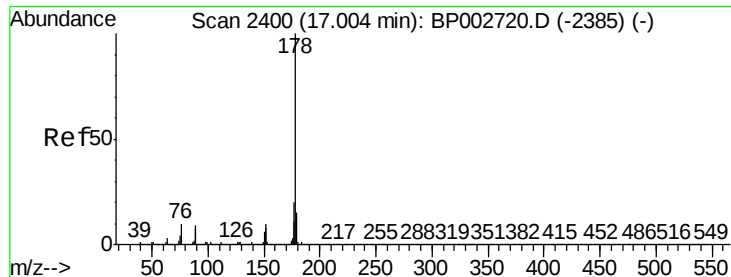
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 38.2  | 6.3   | 46.3  |
| 215     | 59.5  | 30.6  | 70.6  |



#70  
Pentachlorophenol  
Concen: 110.590 ng  
RT: 16.65 min Scan# 2339  
Delta R.T. 0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.4  | 50.6  | 75.8  |
| 264     | 60.7  | 48.6  | 72.8  |





#71

Phenanthrene

Concen: 42.239 ng

RT: 17.02 min Scan# 2403

Delta R.T. 0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampleId :

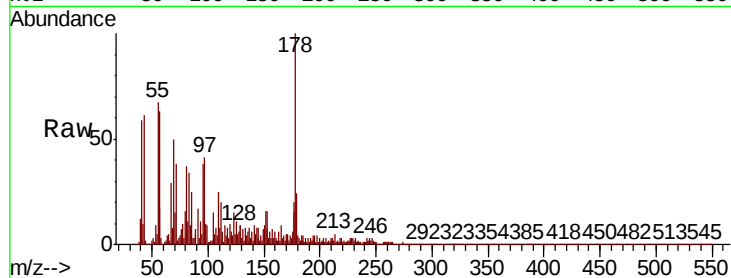
Tot Ion:178 Resp: 431863

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

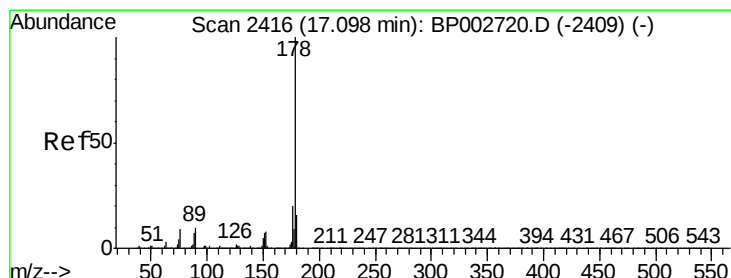
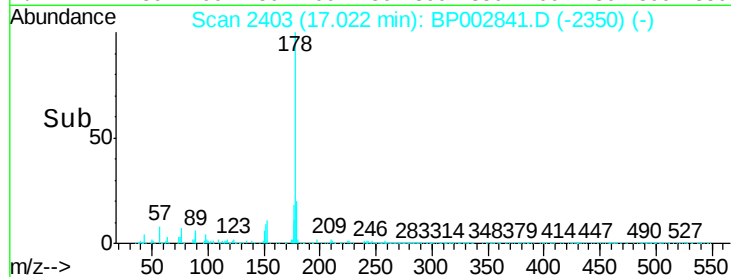
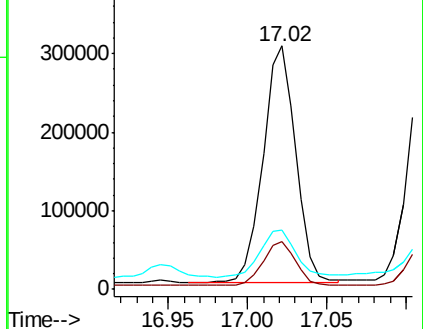
179 24.3 12.3 18.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.725 ng

RT: 17.12 min Scan# 2419

Delta R.T. 0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

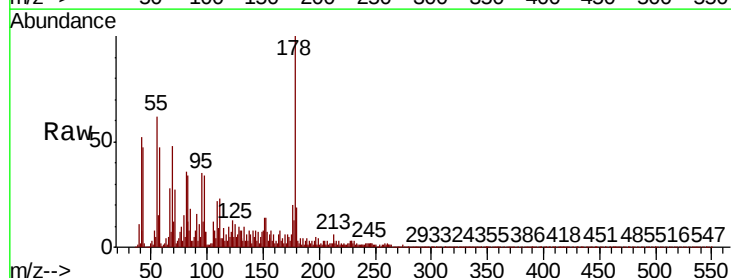
Tgt Ion:178 Resp: 448735

Ion Ratio Lower Upper

178 100

176 20.4 15.6 23.4

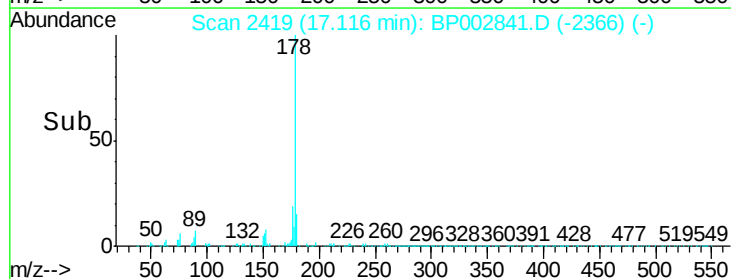
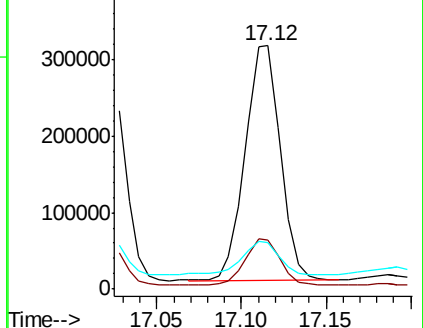
179 19.0 12.6 19.0#

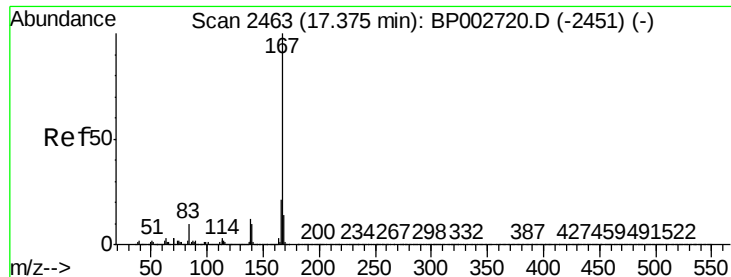


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

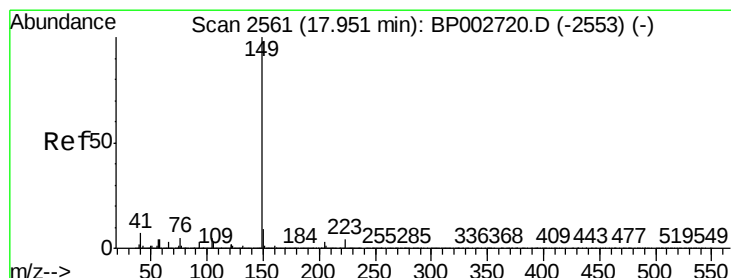
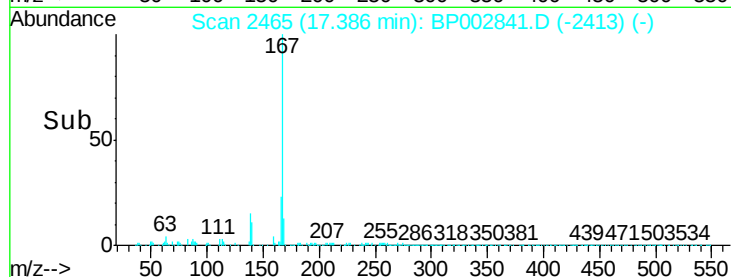
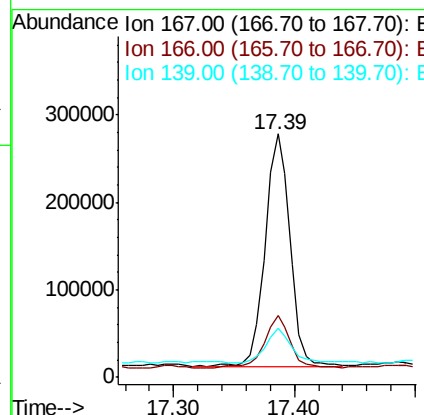
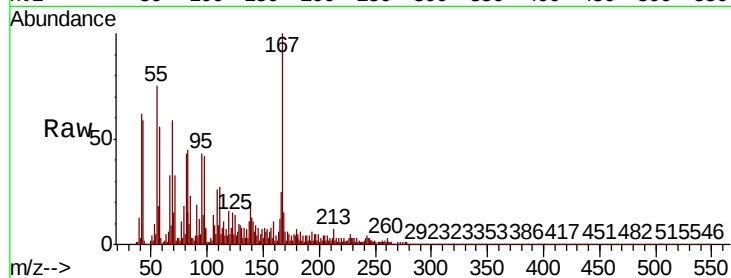




#73  
 Carbazole  
 Concen: 38.456 ng  
 RT: 17.39 min Scan# 2465  
 Delta R.T. 0.01 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

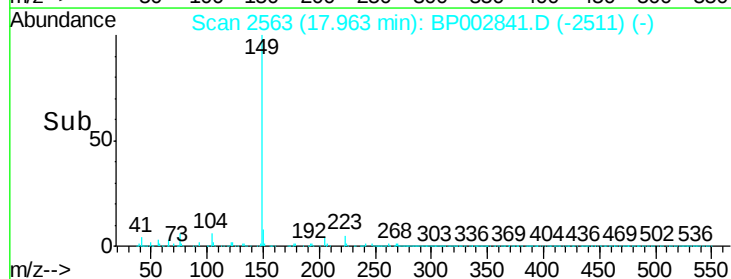
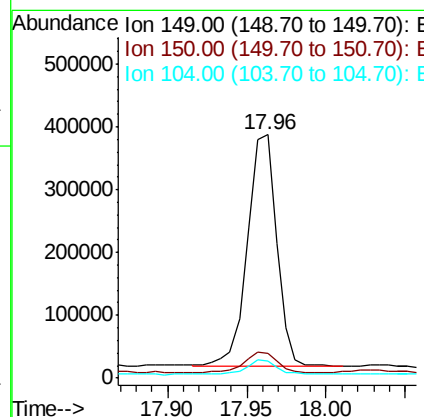
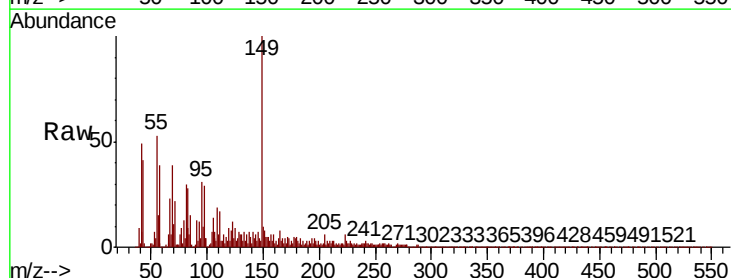
Instrument :  
 BNA\_P  
 ClientSampleId :

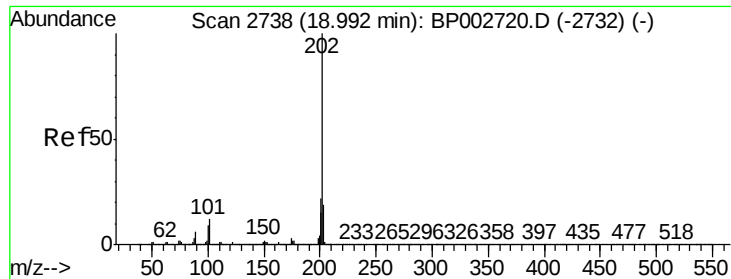
Tot Ion:167 Resp: 378628  
 Ion Ratio Lower Upper  
 167 100  
 166 25.2 17.1 25.7  
 139 20.3 9.6 14.4#



#74  
 Di-n-butylphthalate  
 Concen: 44.100 ng  
 RT: 17.96 min Scan# 2563  
 Delta R.T. 0.01 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

Tgt Ion:149 Resp: 470901  
 Ion Ratio Lower Upper  
 149 100  
 150 10.3 7.5 11.3  
 104 6.9 4.0 6.0#





#75

Fluoranthene

Concen: 46.183 ng

RT: 19.02 min Scan# 2742

Delta R.T. 0.02 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampled :

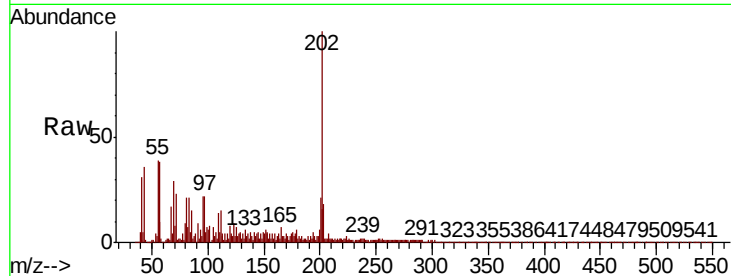
Tot Ion:202 Resp: 547128

Ion Ratio Lower Upper

202 100

101 7.6 0.0 32.5

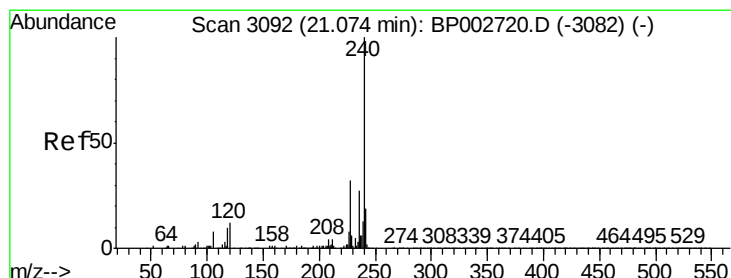
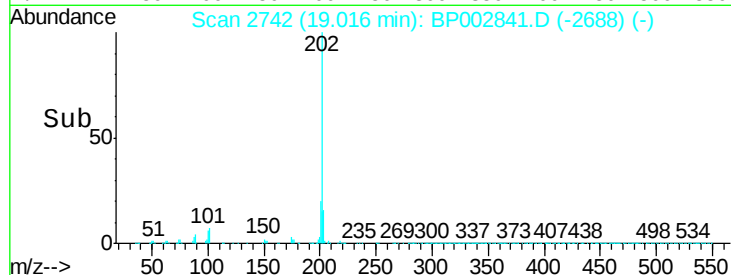
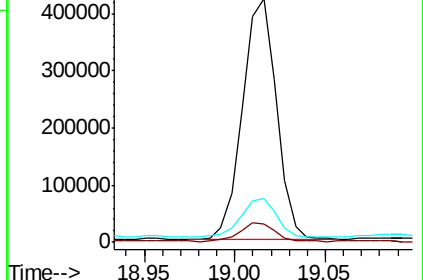
203 18.1 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.08 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

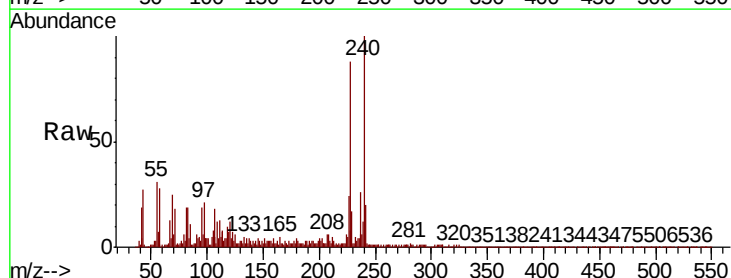
Tgt Ion:240 Resp: 320765

Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

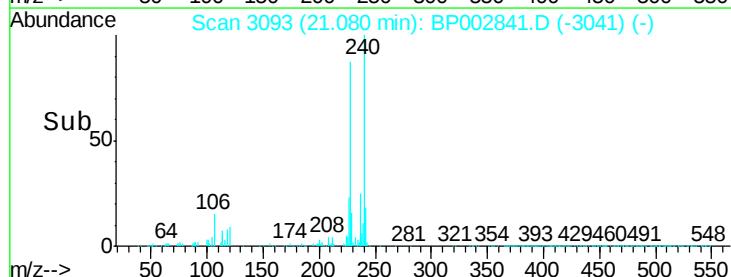
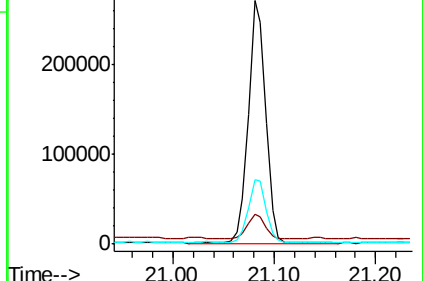
236 26.3 21.3 31.9

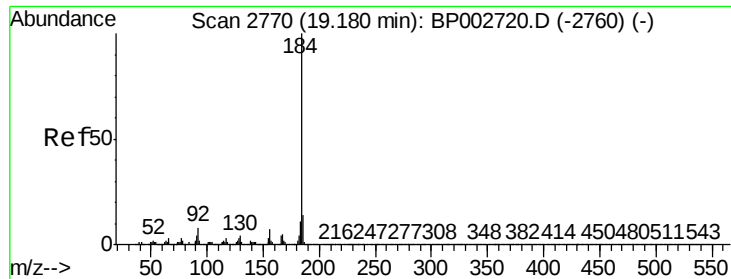


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.618 ng

RT: 19.19 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampled :

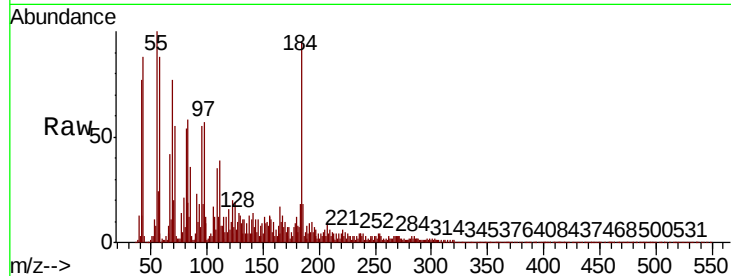
Tot Ion:184 Resp: 235489

Ion Ratio Lower Upper

184 100

185 19.4 11.4 17.2#

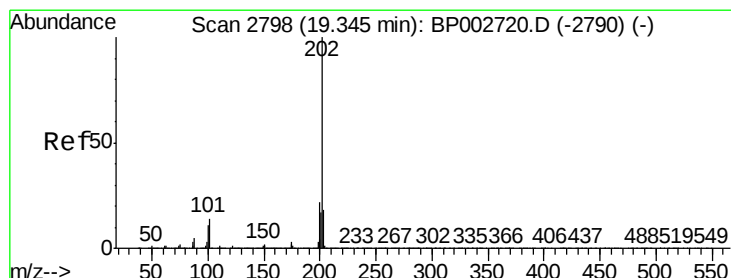
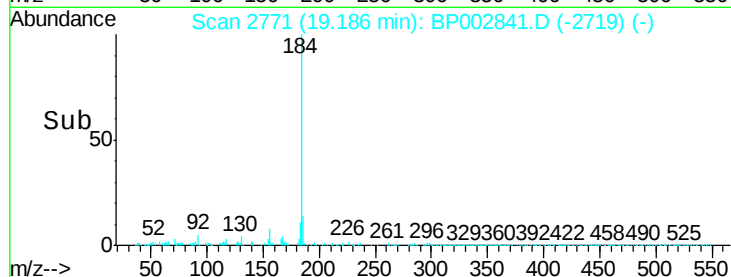
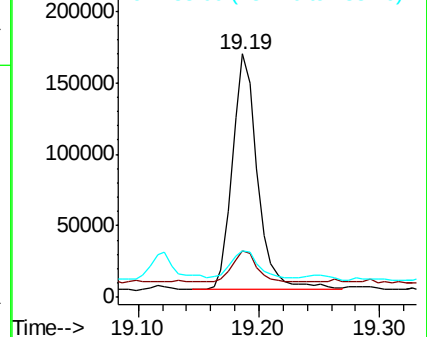
183 19.2 9.0 13.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 26.753 ng

RT: 19.36 min Scan# 2801

Delta R.T. 0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

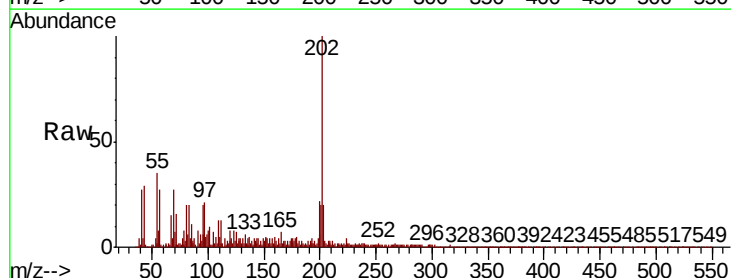
Tgt Ion:202 Resp: 592484

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

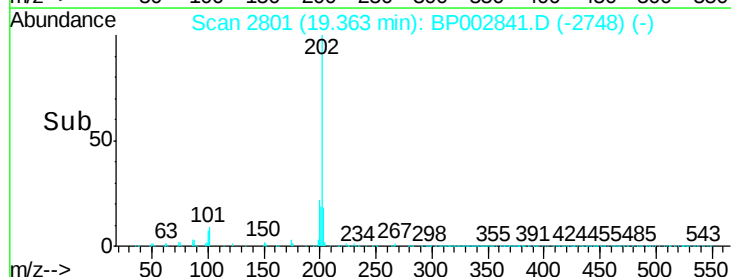
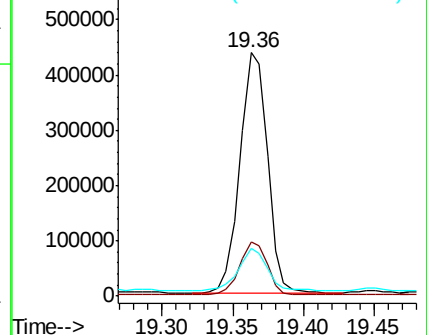
203 19.6 14.5 21.7

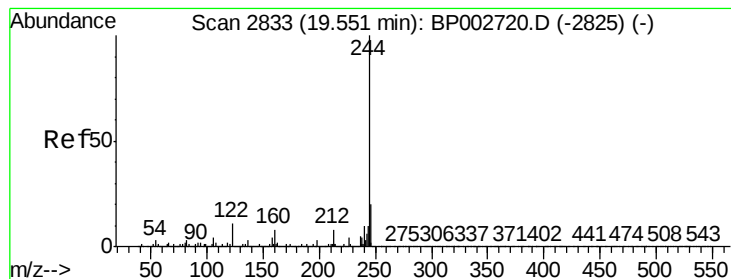


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 57.999 ng

RT: 19.57 min Scan# 2836

Delta R.T. 0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampleId :

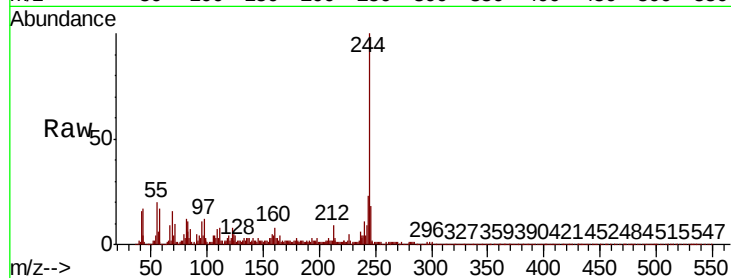
Tot Ion:244 Resp: 811441

Ion Ratio Lower Upper

244 100

212 8.5 6.0 9.0

122 8.0 8.9 13.3#

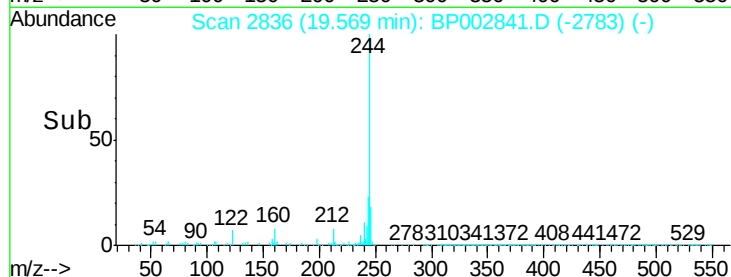


Abundance Ion 244.00 (243.70 to 244.70): E

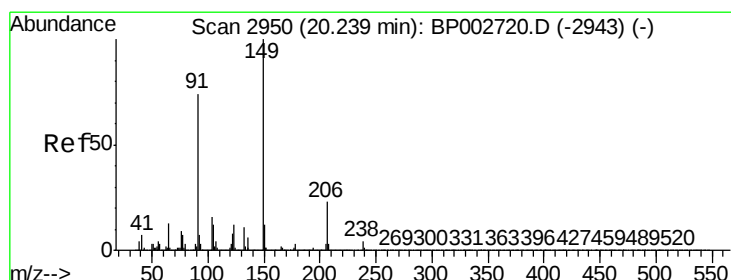
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.57



Time-->



#80

Butylbenzylphthalate

Concen: 35.103 ng

RT: 20.24 min Scan# 2950

Delta R.T. 0.00 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

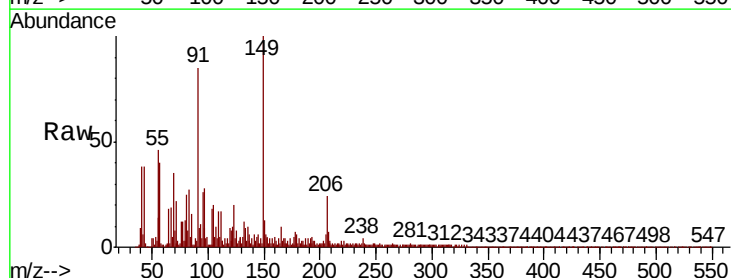
Tgt Ion:149 Resp: 306784

Ion Ratio Lower Upper

149 100

91 85.3 59.4 89.2

206 23.5 18.3 27.5

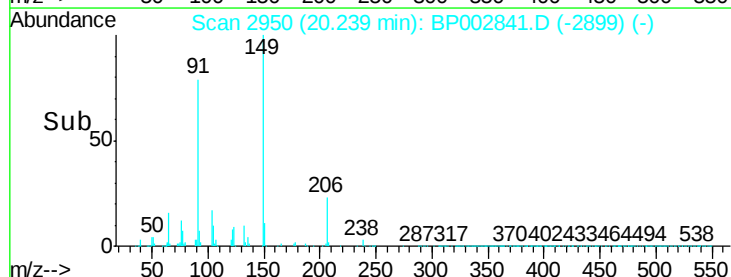


Abundance Ion 149.00 (148.70 to 149.70): E

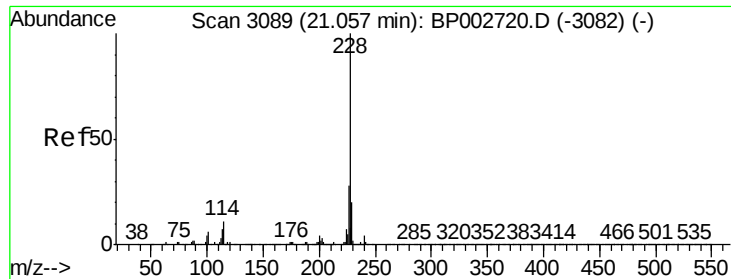
Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

20.24



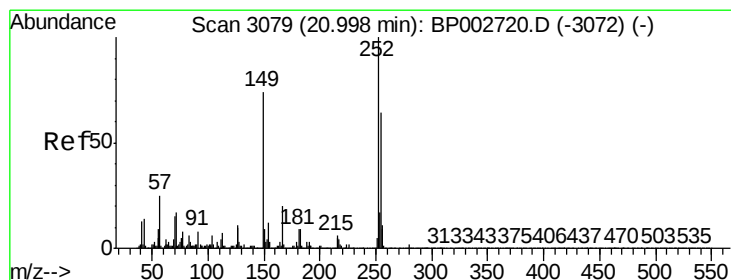
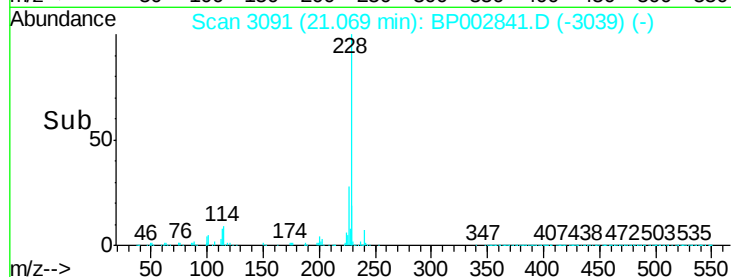
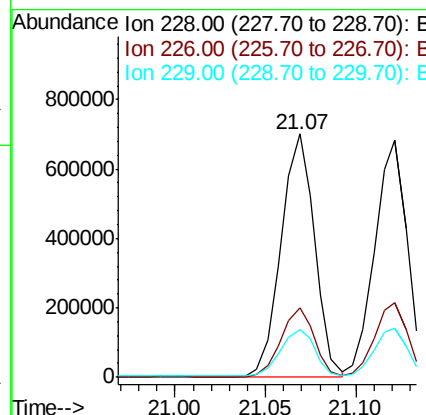
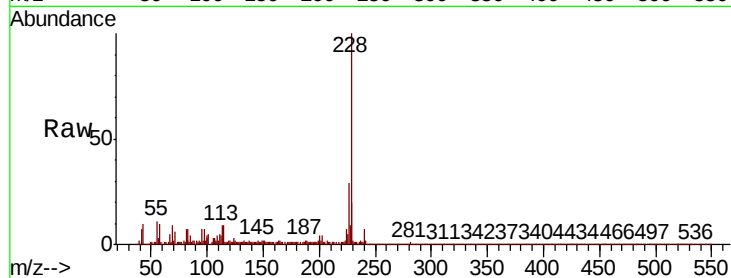
Time-->



#81  
Benzo(a)anthracene  
Concen: 43.327 ng  
RT: 21.07 min Scan# 3091  
Delta R.T. 0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

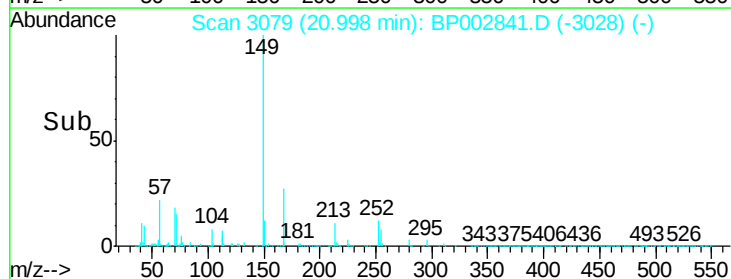
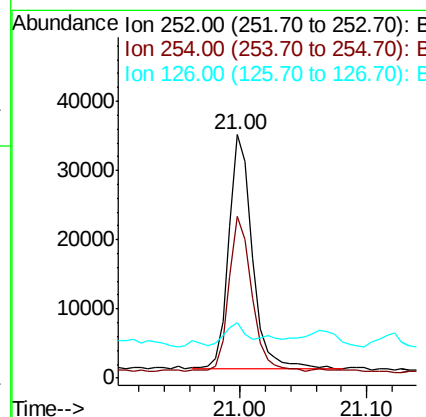
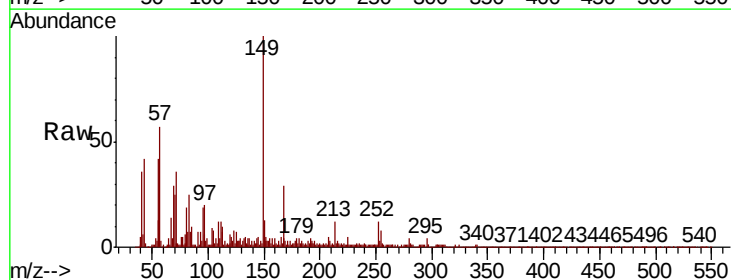
Instrument :  
BNA\_P  
ClientSampled :

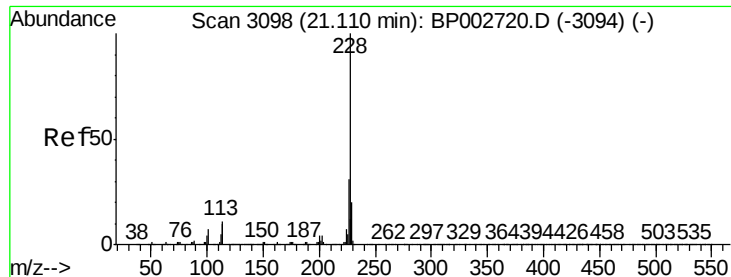
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.6  | 22.6  | 34.0  |
| 229     | 19.8  | 16.0  | 24.0  |



#82  
3,3'-Dichlorobenzidine  
Concen: 6.250 ng  
RT: 21.00 min Scan# 3079  
Delta R.T. 0.00 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.2  | 51.0  | 76.4  |
| 126     | 23.0  | 8.4   | 12.6  |

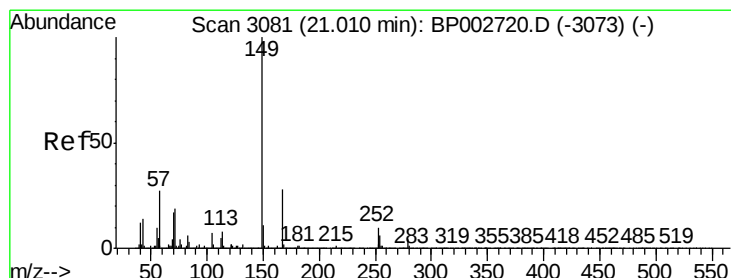
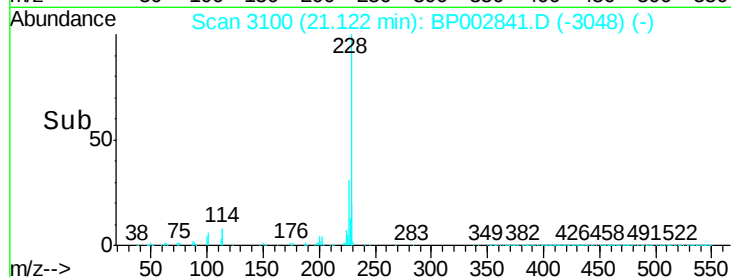
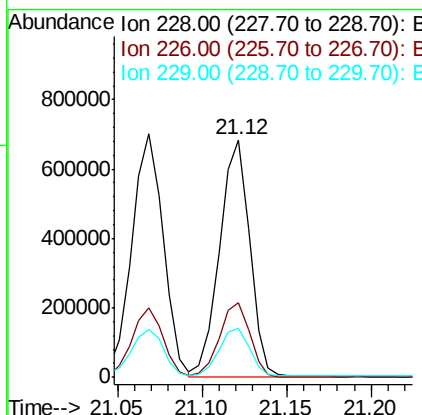
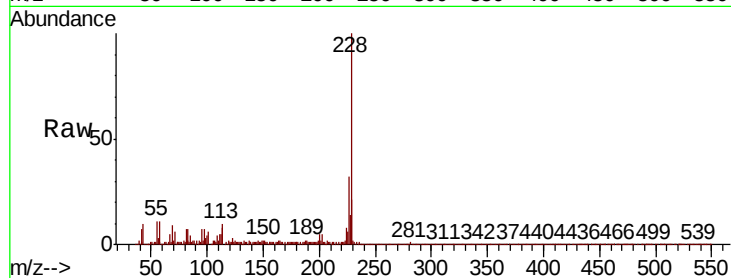




#83  
Chrysene  
Concen: 42.723 ng  
RT: 21.12 min Scan# 3100  
Delta R.T. 0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

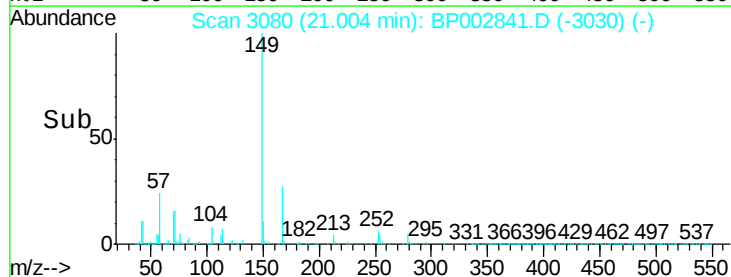
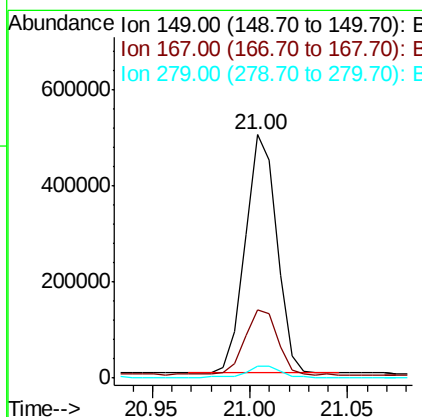
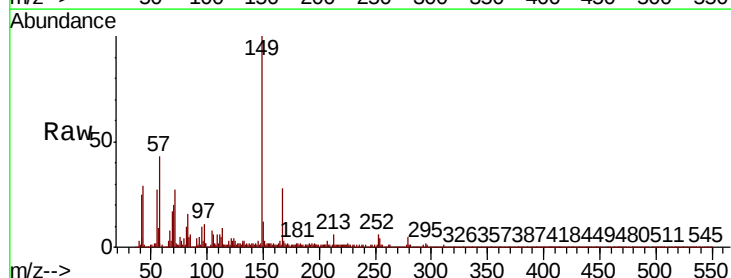
Instrument :  
BNA\_P  
ClientSampled :

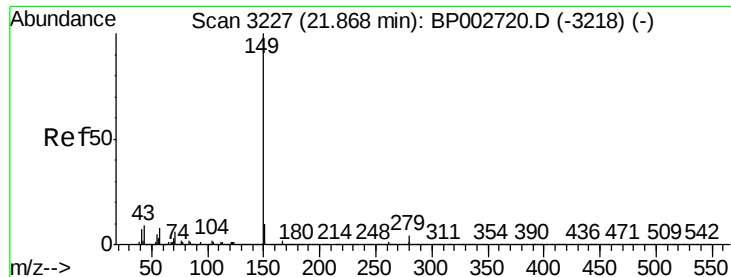
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.6  | 24.6  | 37.0  |
| 229     | 20.6  | 15.7  | 23.5  |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.597 ng  
RT: 21.00 min Scan# 3080  
Delta R.T. -0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.8  | 22.4  | 33.6  |
| 279     | 4.9   | 3.5   | 5.3   |





#85

Di-n-octyl phthalate

Concen: 56.538 ng

RT: 21.86 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

Instrument :

BNA\_P

ClientSampleId :

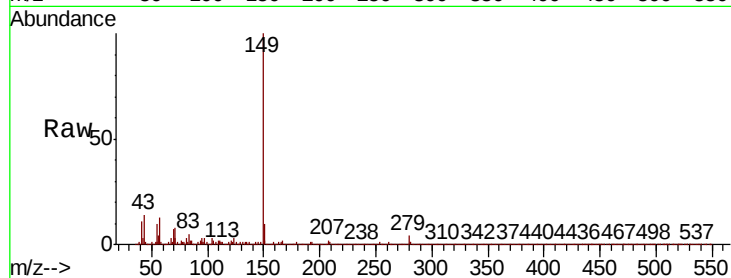
Tot Ion:149 Resp: 1235535

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

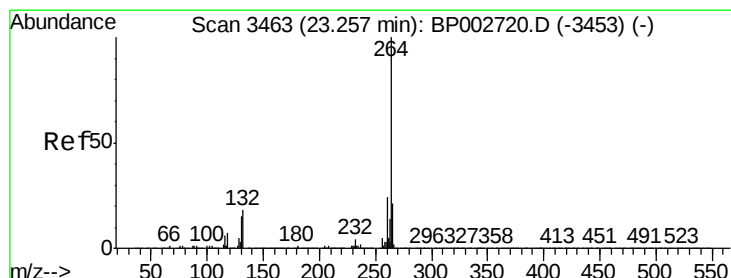
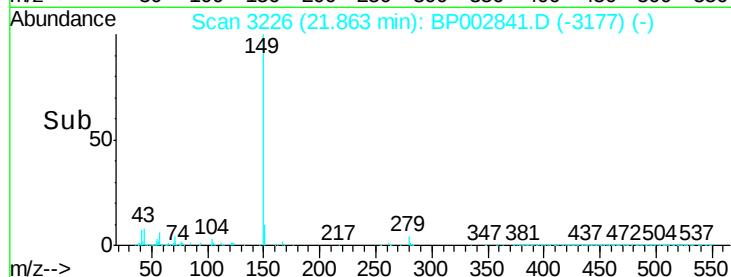
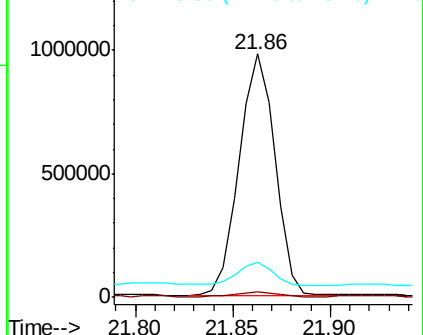
43 9.5 8.2 12.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.26 min Scan# 3464

Delta R.T. 0.00 min

Lab File: BP002841.D

Acq: 23 Jul 2020 15:37

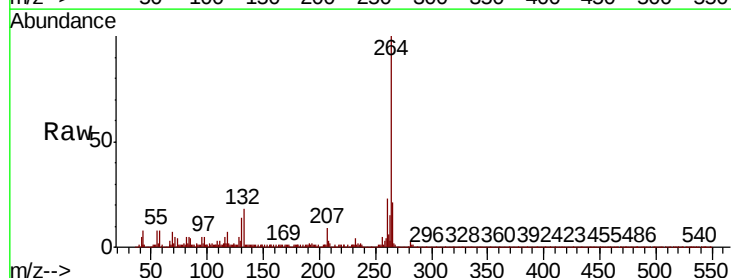
Tgt Ion:264 Resp: 542250

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

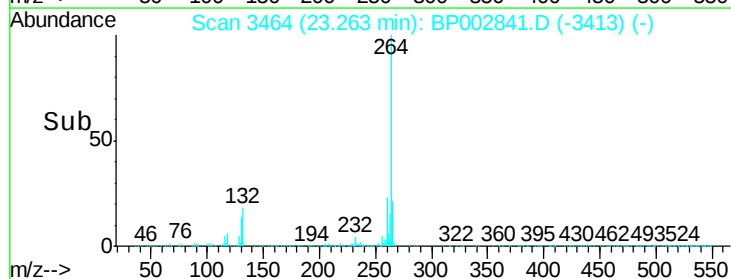
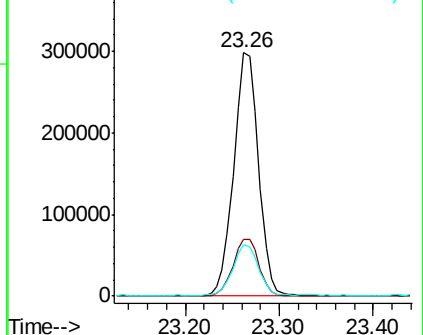
265 21.4 16.8 25.2

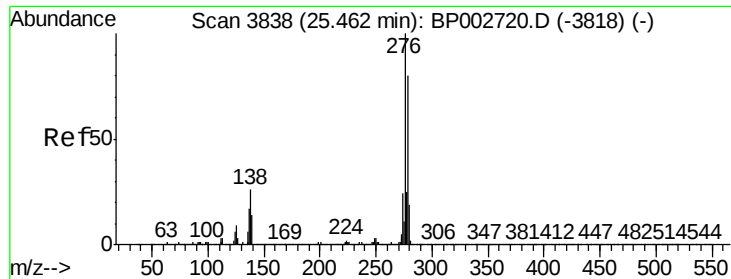


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

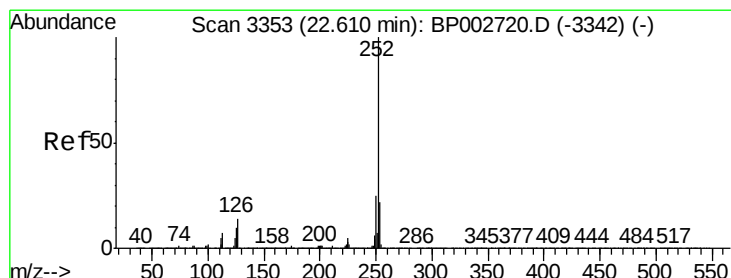
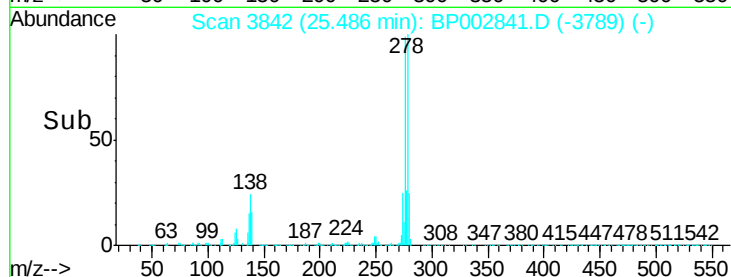
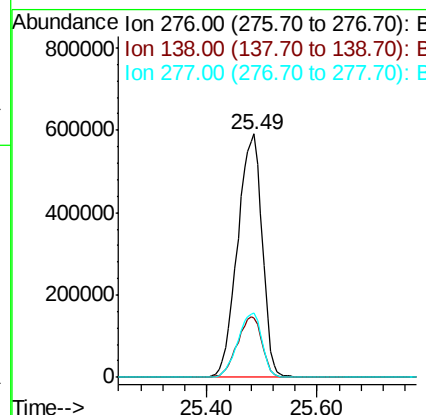
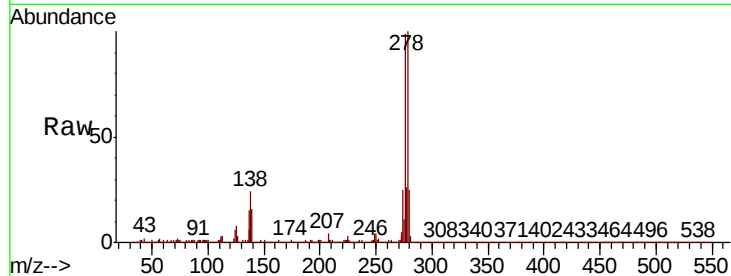




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.770 ng  
 RT: 25.49 min Scan# 3842  
 Delta R.T. 0.01 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

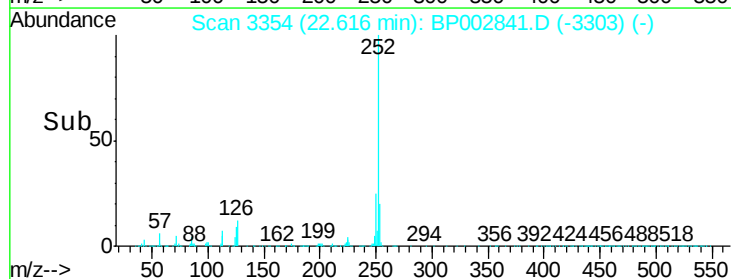
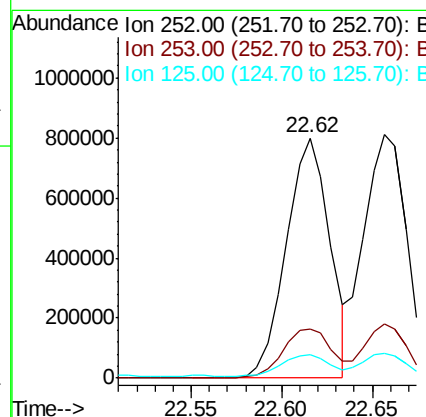
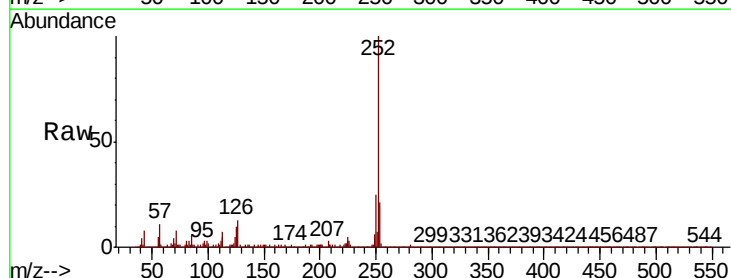
Instrument :  
 BNA\_P  
 ClientSampleId :

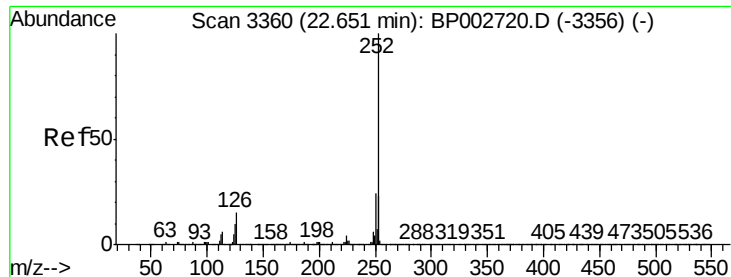
Tot Ion:276 Resp: 1833005  
 Ion Ratio Lower Upper  
 276 100  
 138 24.8 20.8 31.2  
 277 26.0 20.0 30.0



#88  
 Benzo(b)fluoranthene  
 Concen: 39.824 ng  
 RT: 22.62 min Scan# 3354  
 Delta R.T. 0.00 min  
 Lab File: BP002841.D  
 Acq: 23 Jul 2020 15:37

Tgt Ion:252 Resp: 1340911  
 Ion Ratio Lower Upper  
 252 100  
 253 20.7 17.7 26.5  
 125 9.9 8.2 12.2

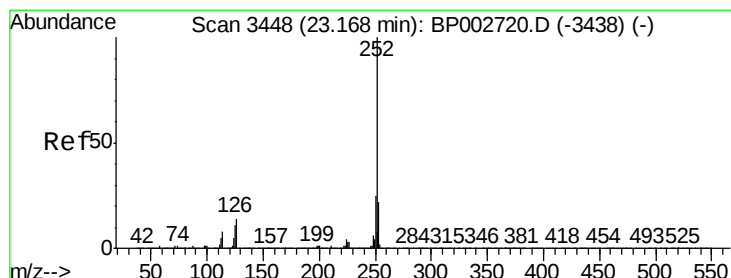
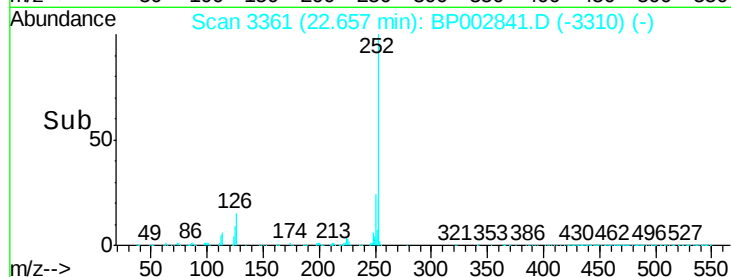
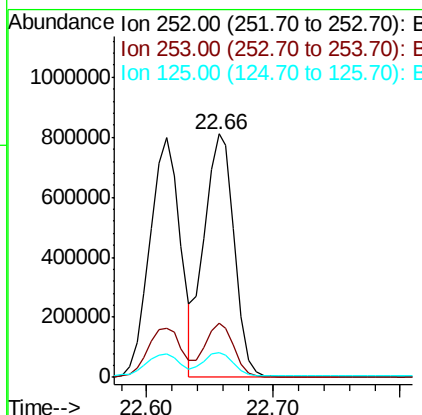
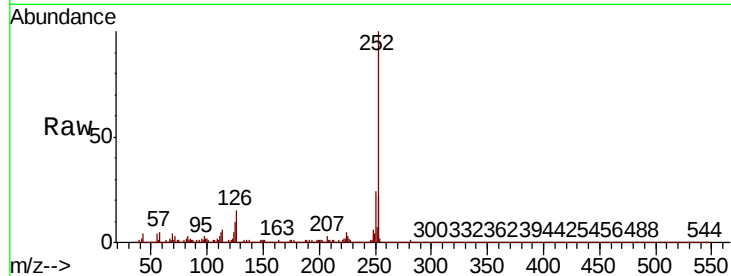




#89  
Benzo(k)fluoranthene  
Concen: 40.272 ng  
RT: 22.66 min Scan# 3361  
Delta R.T. 0.00 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

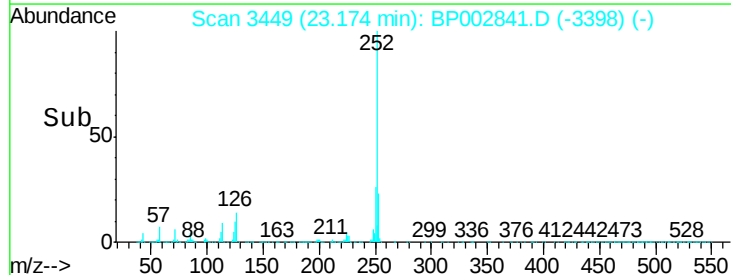
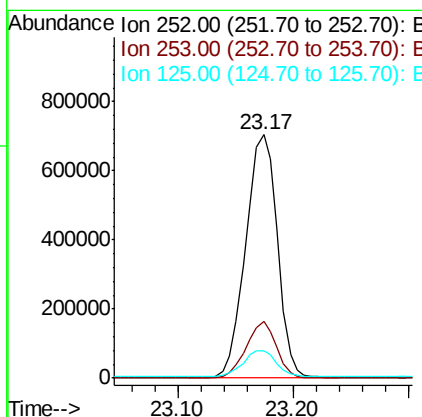
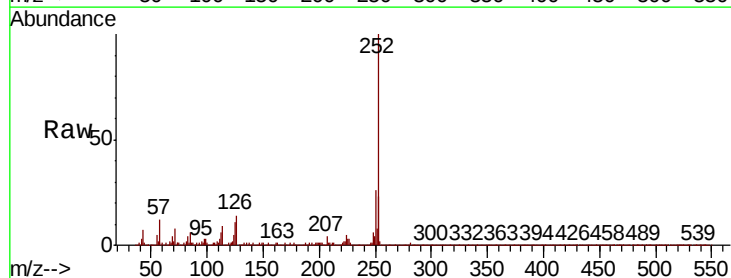
Instrument :  
BNA\_P  
ClientSampled :

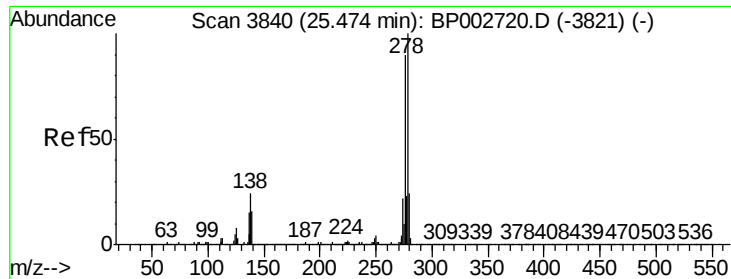
Tot Ion:252 Resp: 1335622  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.8 26.8  
125 10.3 8.3 12.5



#90  
Benzo(a)pyrene  
Concen: 42.171 ng  
RT: 23.17 min Scan# 3449  
Delta R.T. 0.00 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

Tgt Ion:252 Resp: 1345566  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.6 26.4  
125 11.1 8.6 13.0



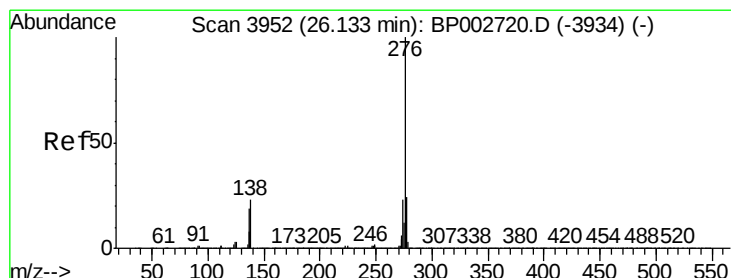
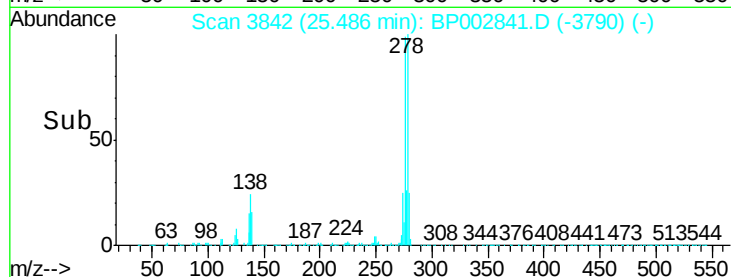
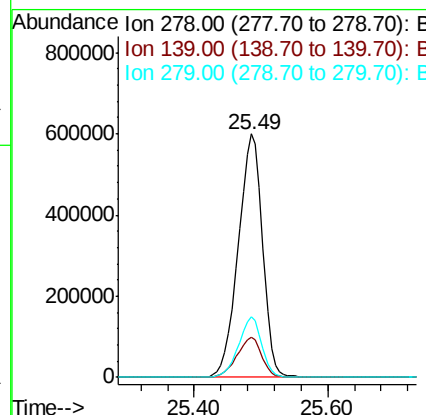
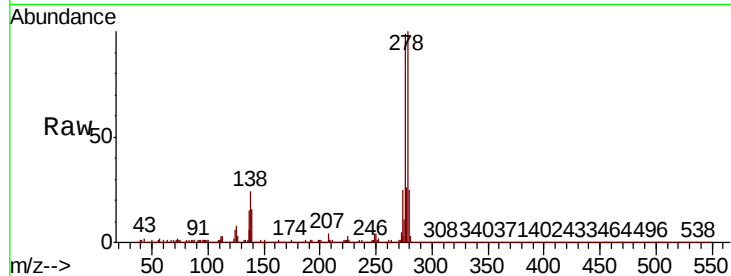


#91  
Dibenzo(a,h)anthracene  
Concen: 48.026 ng  
RT: 25.49 min Scan# 3842  
Delta R.T. 0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:278 Resp: 1517960  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 16.4  | 13.1  | 19.7  |
| 279 | 25.0  | 19.0  | 28.6  |



#92  
Benzo(g,h,i)perylene  
Concen: 50.497 ng  
RT: 26.15 min Scan# 3955  
Delta R.T. 0.01 min  
Lab File: BP002841.D  
Acq: 23 Jul 2020 15:37

Tgt Ion:276 Resp: 1618250  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.1  | 19.1  | 28.7  |
| 138 | 22.6  | 18.3  | 27.5  |

