

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP050520\  
 Data File : BP002234.D  
 Acq On : 05 May 2020 13:00  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 05 13:36:31 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 05 13:34:25 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 196684   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.39 | 136  | 882259   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.26 | 164  | 582049   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.02 | 188  | 1343573  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.12 | 240  | 1391908  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.32 | 264  | 1805473  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.23  | 112 | 893470  | 74.94 | ng | 0.00 |
| 7) Phenol-d6             | 6.79  | 99  | 1369390 | 78.19 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.76  | 82  | 1239400 | 72.55 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.76 | 330 | 545337  | 88.52 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.88 | 172 | 2945104 | 70.86 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.60 | 244 | 4626703 | 81.46 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.19  | 88  | 187504  | 36.327 | ng | 99     |
| 3) Pyridine                    | 3.56  | 79  | 544214  | 33.081 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.48  | 42  | 223820  | 36.959 | ng | 97     |
| 6) Aniline                     | 6.95  | 93  | 947297  | 39.563 | ng | 98     |
| 8) 2-Chlorophenol              | 7.18  | 128 | 546383  | 40.545 | ng | 96     |
| 9) Benzaldehyde                | 6.76  | 77  | 391690  | 44.662 | ng | 97     |
| 10) Phenol                     | 6.82  | 94  | 752426  | 40.758 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.05  | 93  | 583685  | 37.576 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.50  | 146 | 584219  | 38.855 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.65  | 146 | 597602  | 39.284 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.96  | 146 | 574440  | 38.612 | ng | 99     |
| 15) Benzyl Alcohol             | 7.85  | 79  | 520943  | 39.182 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.16  | 45  | 788808  | 36.625 | ng | 99     |
| 17) 2-Methylphenol             | 8.06  | 107 | 496447  | 36.613 | ng | 100    |
| 18) Hexachloroethane           | 8.69  | 117 | 211149  | 38.623 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.42  | 70  | 470432  | 38.543 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.39  | 107 | 687416  | 36.709 | ng | 98     |
| 22) Acetophenone               | 8.43  | 105 | 955471  | 41.929 | ng | 99     |
| 24) Nitrobenzene               | 8.80  | 77  | 683715  | 37.567 | ng | 98     |
| 25) Isophorone                 | 9.32  | 82  | 1385364 | 36.810 | ng | 99     |
| 26) 2-Nitrophenol              | 9.50  | 139 | 281809  | 41.601 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.58  | 122 | 553821  | 41.919 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.82  | 93  | 842718  | 38.645 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.04 | 162 | 570299  | 40.665 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.26 | 180 | 605206  | 39.104 | ng | 99     |
| 31) Naphthalene                | 10.44 | 128 | 1868958 | 39.088 | ng | 99     |
| 32) Benzoic acid               | 9.71  | 122 | 345802  | 39.740 | ng | 95     |
| 33) 4-Chloroaniline            | 10.55 | 127 | 859791  | 39.074 | ng | 99     |
| 34) Hexachlorobutadiene        | 10.75 | 225 | 346502  | 39.189 | ng | 96     |
| 35) Caprolactam                | 11.30 | 113 | 229729  | 42.629 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 11.68 | 107 | 654944  | 39.974 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.06 | 142 | 1366822 | 39.887 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.28 | 142 | 1293367 | 39.636 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.44 | 216 | 728304  | 42.127 | ng | 99     |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

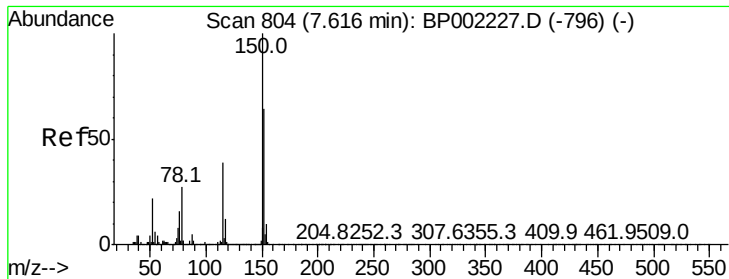
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 05 13:36:31 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 05 13:34:25 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.43 | 237  | 357943   | 44.833 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.67 | 196  | 478303   | 40.825 | ng    | 92       |
| 44) 2,4,5-Trichlorophenol      | 12.75 | 196  | 528701   | 38.258 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.09 | 154  | 1844169  | 40.431 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.12 | 162  | 1379938  | 39.055 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.32 | 65   | 408249   | 38.524 | ng    | 94       |
| 49) Acenaphthylene             | 13.97 | 152  | 2299928  | 40.165 | ng    | 99       |
| 50) Dimethylphthalate          | 13.73 | 163  | 1800637  | 39.248 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.83 | 165  | 387520   | 41.032 | ng    | 94       |
| 52) Acenaphthene               | 14.32 | 154  | 1343534  | 37.183 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.16 | 138  | 433487   | 38.428 | ng    | 92       |
| 54) 2,4-Dinitrophenol          | 14.36 | 184  | 158709   | 41.111 | ng    | 92       |
| 55) Dibenzofuran               | 14.66 | 168  | 2167242  | 39.715 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.47 | 139  | 371216   | 41.494 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 14.62 | 165  | 524124   | 41.896 | ng    | 94       |
| 58) Fluorene                   | 15.32 | 166  | 1598965  | 36.873 | ng    | 94       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.89 | 232  | 482671   | 44.213 | ng    | 96       |
| 60) Diethylphthalate           | 15.11 | 149  | 1789277  | 38.554 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.32 | 204  | 831806   | 40.507 | ng    | 94       |
| 62) 4-Nitroaniline             | 15.33 | 138  | 453182   | 42.298 | ng    | 99       |
| 63) Azobenzene                 | 15.61 | 77   | 1824418  | 37.541 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.39 | 198  | 240203   | 43.295 | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 15.53 | 169  | 1551563  | 39.483 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.22 | 248  | 558673   | 38.969 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.33 | 284  | 648362   | 42.717 | ng    | 92       |
| 69) Atrazine                   | 16.49 | 200  | 561218   | 55.332 | ng    | 98       |
| 70) Pentachlorophenol          | 16.67 | 266  | 408265   | 44.806 | ng    | 96       |
| 71) Phenanthrene               | 17.06 | 178  | 2953792  | 39.093 | ng    | 98       |
| 72) Anthracene                 | 17.15 | 178  | 2984165  | 40.085 | ng    | 98       |
| 73) Carbazole                  | 17.42 | 167  | 2829444  | 39.335 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.01 | 149  | 3148604  | 38.799 | ng    | 99       |
| 75) Fluoranthene               | 19.03 | 202  | 3494267  | 40.311 | ng    | 98       |
| 77) Benzidine                  | 19.22 | 184  | 1737317  | 47.712 | ng    | 100      |
| 78) Pyrene                     | 19.39 | 202  | 3747548  | 39.635 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.29 | 149  | 1202545  | 39.227 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.10 | 228  | 3565991  | 39.495 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.03 | 252  | 1542593  | 45.984 | ng    | 98       |
| 83) Chrysene                   | 21.15 | 228  | 3603578  | 40.639 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 2154883  | 40.540 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 21.93 | 149  | 3955374  | 40.288 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.54 | 276  | 5349733  | 44.340 | ng    | 96       |
| 88) Benzo(b)fluoranthene       | 22.66 | 252  | 4143044  | 38.161 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 22.70 | 252  | 4221442  | 37.960 | ng    | 97       |
| 90) Benzo(a)pyrene             | 23.22 | 252  | 4266591  | 40.821 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.56 | 278  | 4410082  | 41.544 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 26.22 | 276  | 4589087  | 40.906 | ng    | 95       |

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



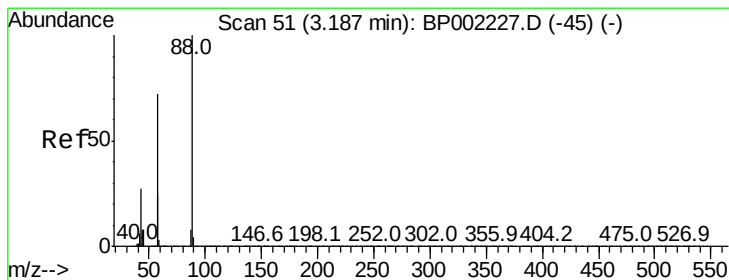
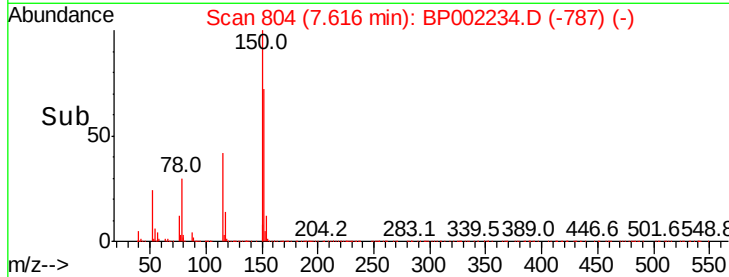
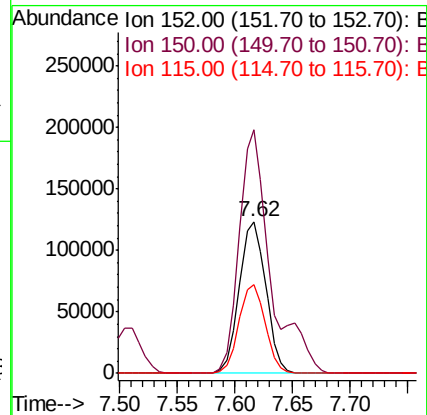
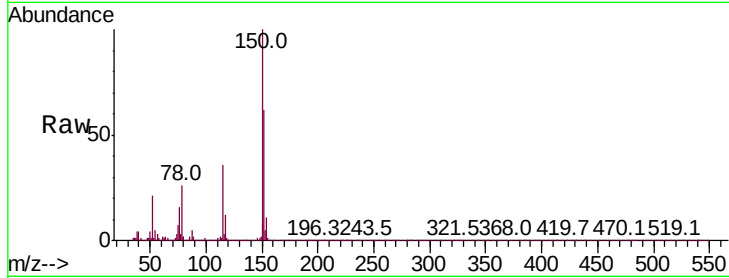


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.62 min Scan# 804  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

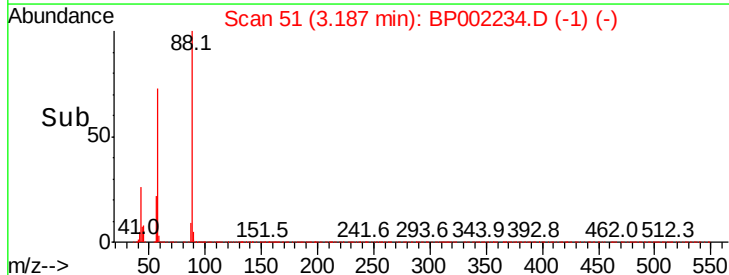
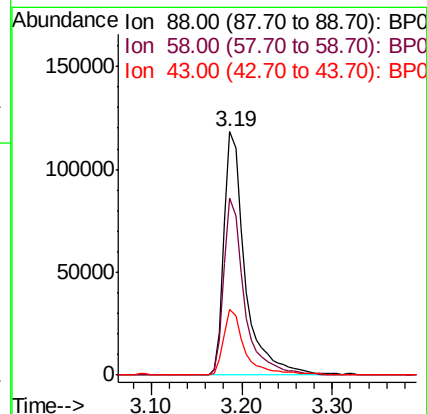
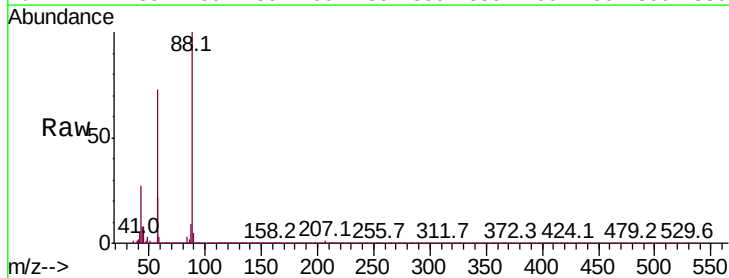
Tot Ion:152 Resp: 196684  
Ion Ratio Lower Upper  
152 100  
150 160.7 125.3 187.9  
115 58.6 48.3 72.5

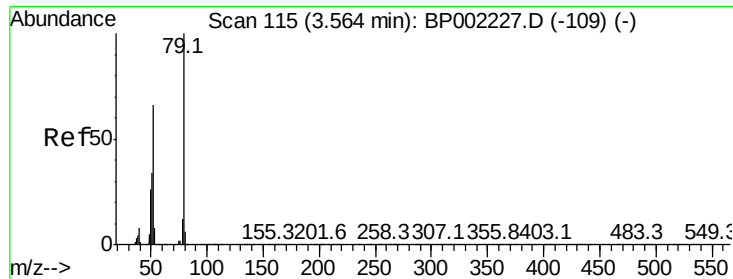


#2

1,4-Dioxane  
Concen: 36.327 ng  
RT: 3.19 min Scan# 51  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

Tgt Ion: 88 Resp: 187504  
Ion Ratio Lower Upper  
88 100  
58 71.5 57.8 86.8  
43 26.9 21.8 32.6





#3

Pvridine

Concen: 33.081 ng

RT: 3.56 min Scan# 115

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

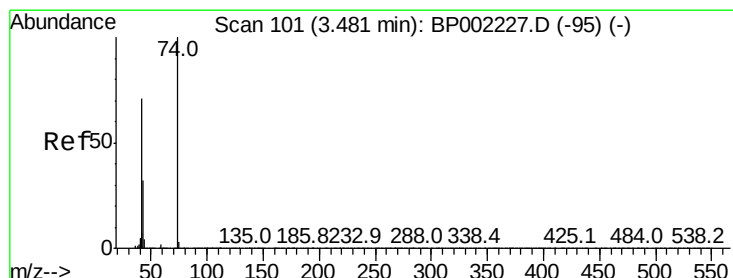
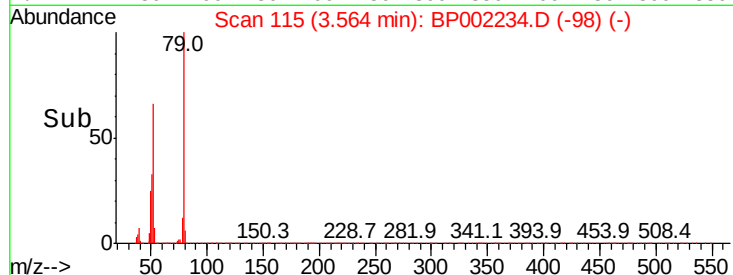
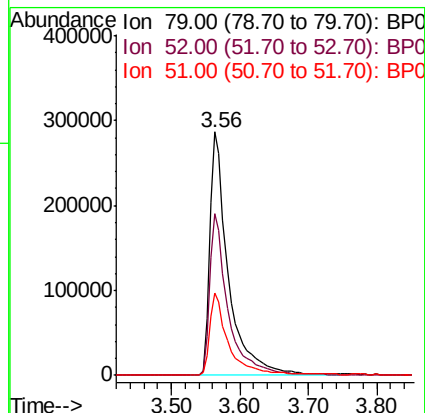
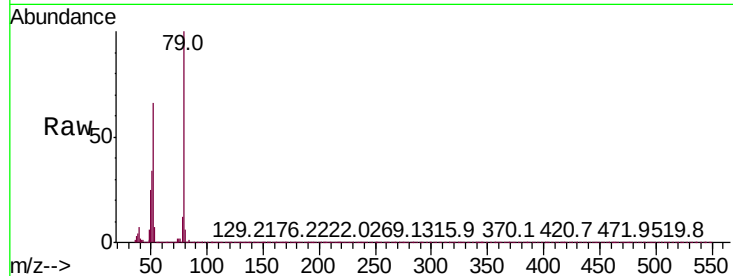
Tot Ion: 79 Resp: 544214

Ion Ratio Lower Upper

79 100

52 66.5 52.8 79.2

51 33.7 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 36.959 ng

RT: 3.48 min Scan# 101

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

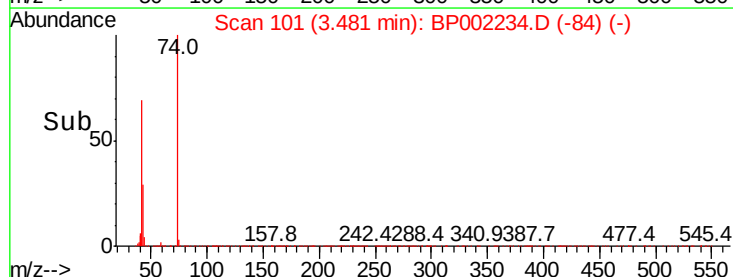
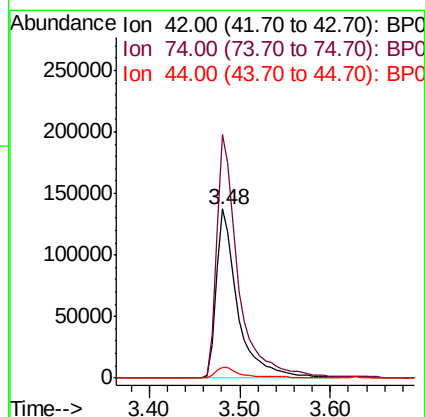
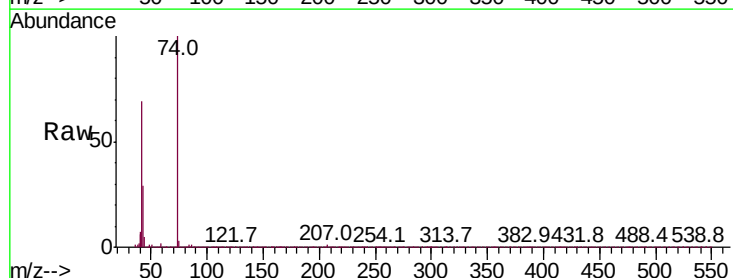
Tgt Ion: 42 Resp: 223820

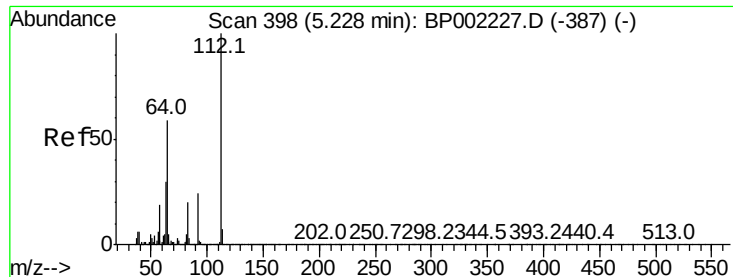
Ion Ratio Lower Upper

42 100

74 143.9 112.3 168.5

44 6.6 5.4 8.0





#5

2-Fluorophenol

Concen: 74.940 ng

RT: 5.23 min Scan# 398

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

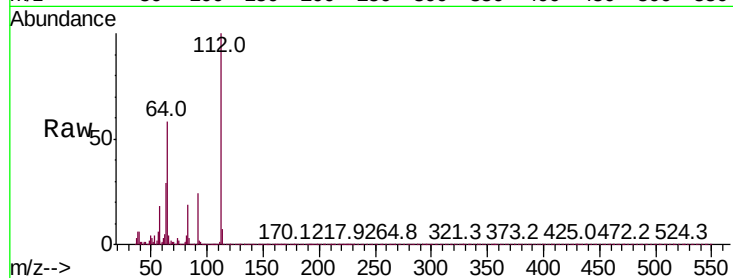
Tot Ion:112 Resp: 893470

Ion Ratio Lower Upper

112 100

64 57.6 46.9 70.3

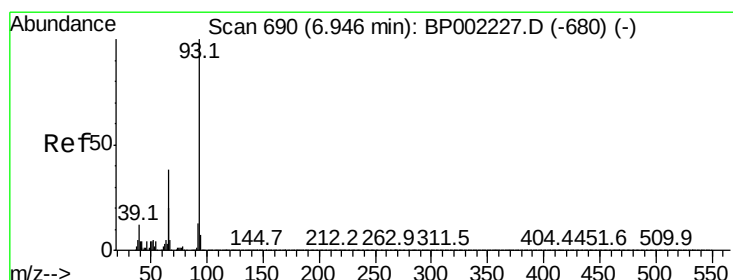
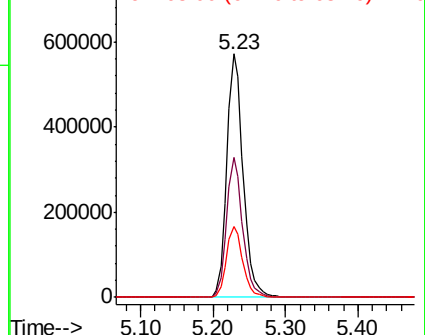
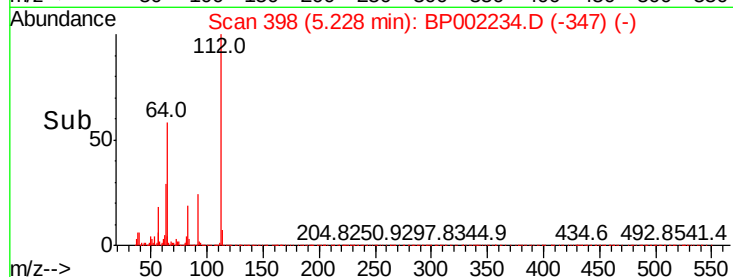
63 29.1 24.3 36.5



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: 39.563 ng

RT: 6.95 min Scan# 690

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

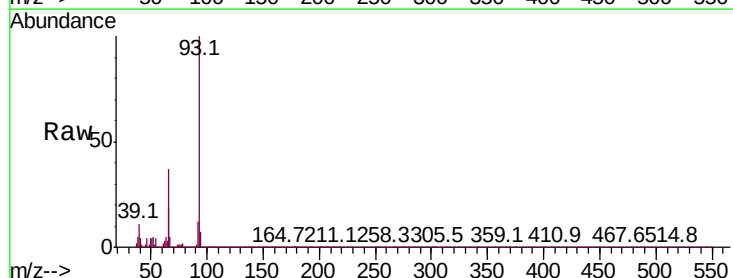
Tgt Ion: 93 Resp: 947297

Ion Ratio Lower Upper

93 100

66 37.0 30.3 45.5

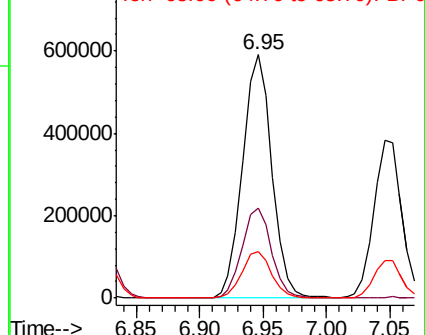
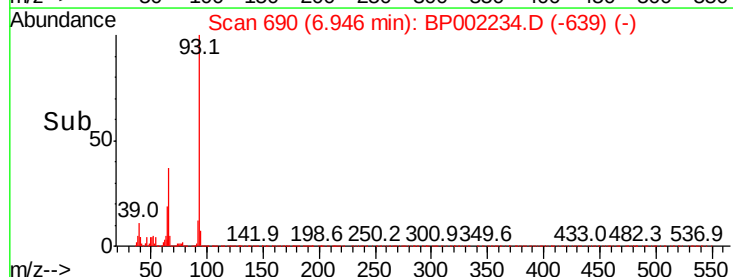
65 19.1 15.9 23.9

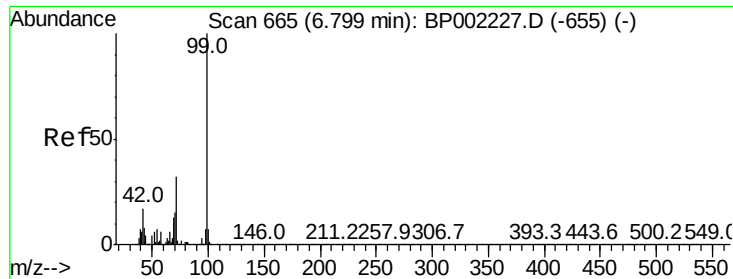


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 78.191 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

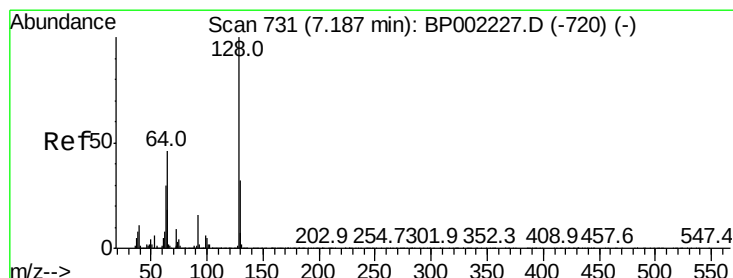
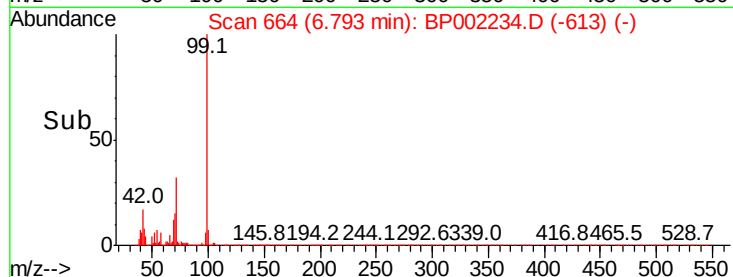
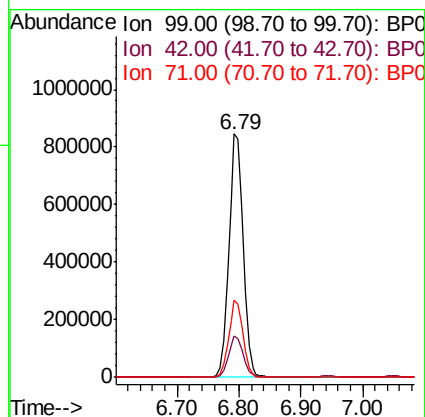
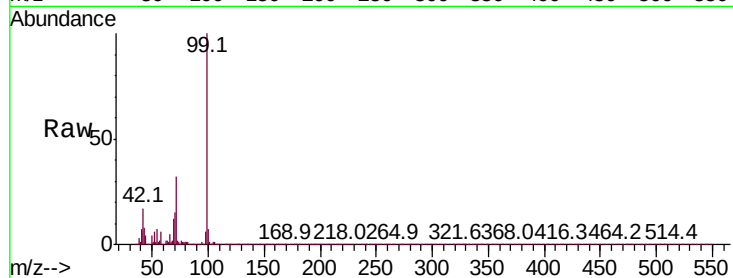
Tot Ion: 99 Resp: 1369390

Ion Ratio Lower Upper

99 100

42 17.2 14.0 21.0

71 31.7 25.9 38.9



#8

2-Chlorophenol

Concen: 40.545 ng

RT: 7.18 min Scan# 730

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

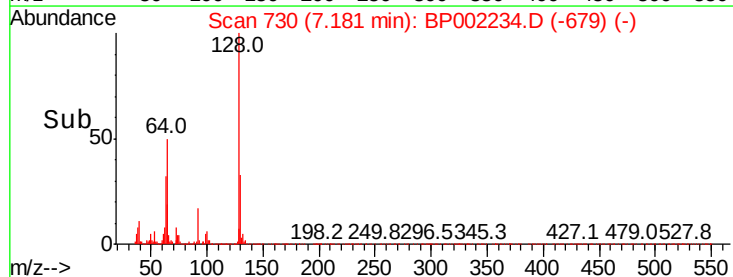
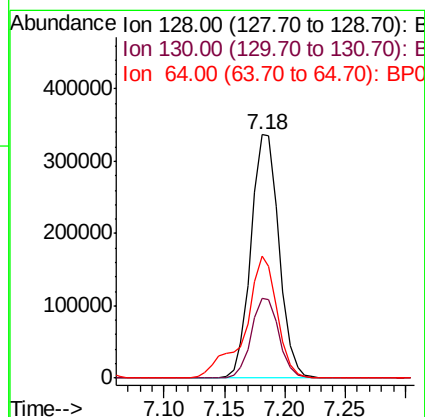
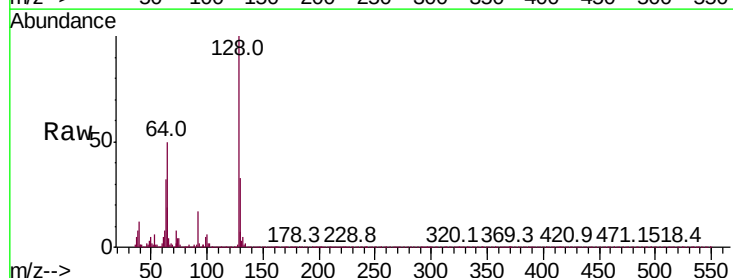
Tgt Ion: 128 Resp: 546383

Ion Ratio Lower Upper

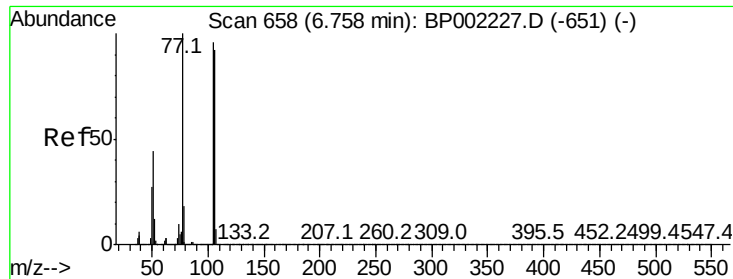
128 100

130 32.9 11.9 51.9

64 49.9 26.2 66.2







#9

Benzaldehyde

Concen: 44.662 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

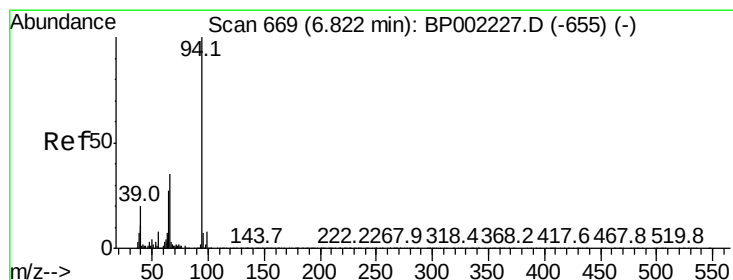
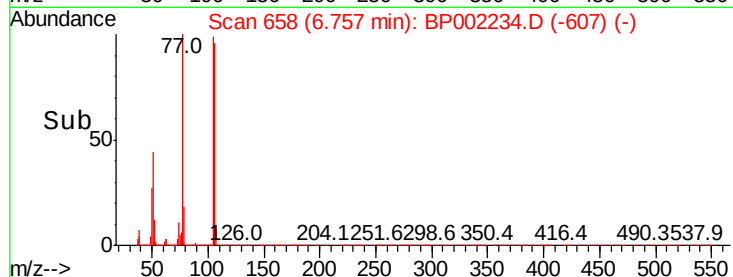
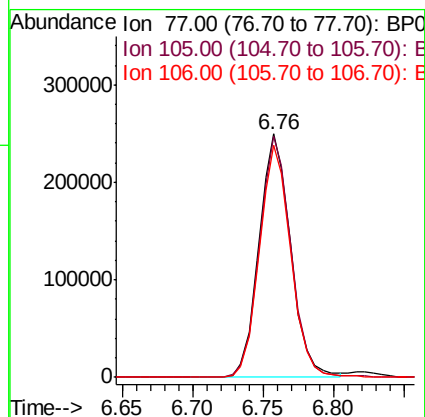
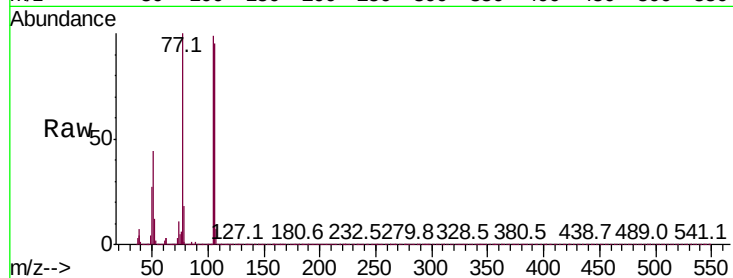
Tot Ion: 77 Resp: 391690

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 98.8  | 76.0  | 116.0 |
| 106 | 95.5  | 71.6  | 111.6 |

77 100

105 98.8 76.0 116.0

106 95.5 71.6 111.6



#10

Phenol

Concen: 40.758 ng

RT: 6.82 min Scan# 669

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

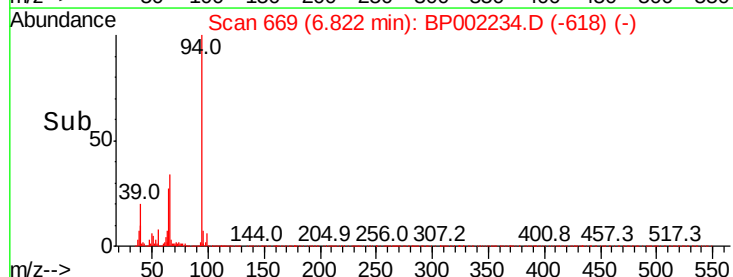
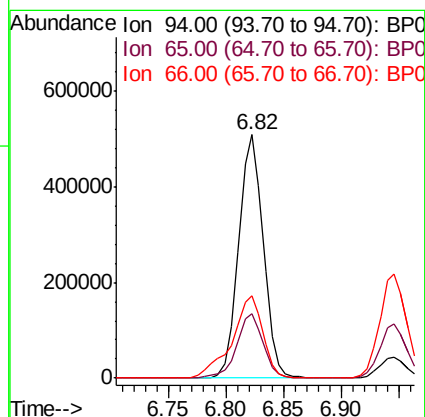
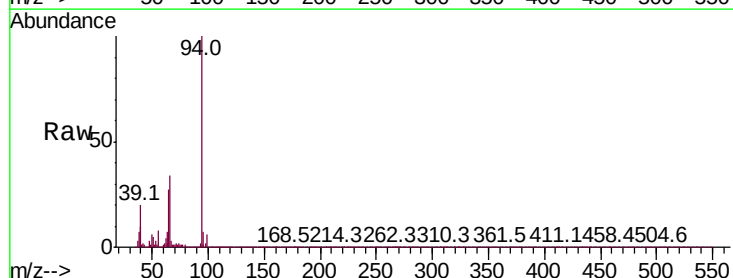
Tgt Ion: 94 Resp: 752426

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 26.7  | 7.2   | 47.2  |
| 66  | 33.8  | 14.9  | 54.9  |

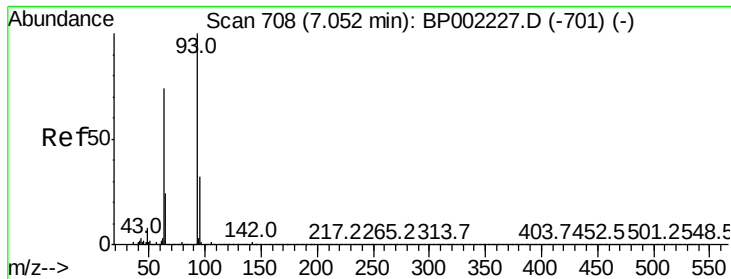
94 100

65 26.7 7.2 47.2

66 33.8 14.9 54.9



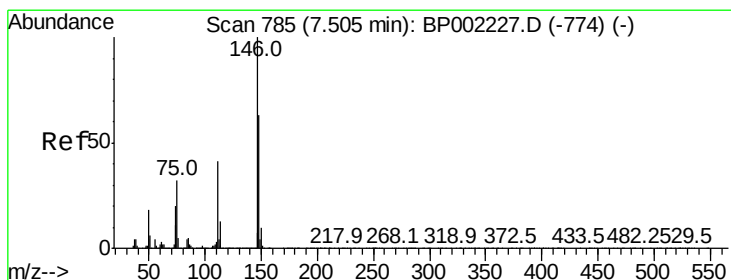
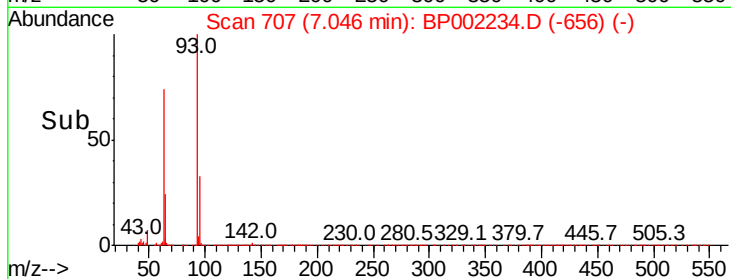
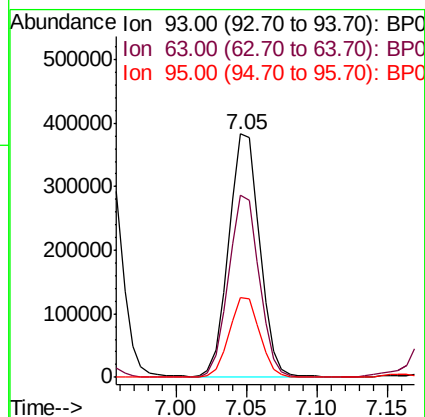
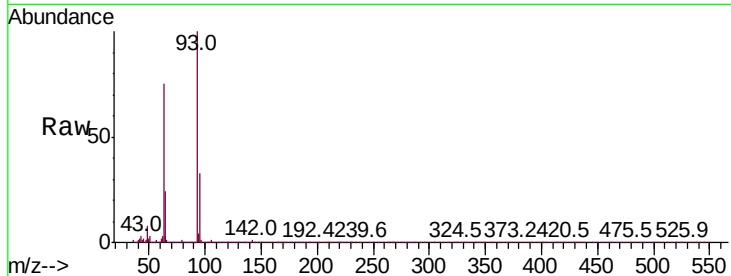




#11  
bis(2-Chloroethyl)ether  
Concen: 37.576 ng  
RT: 7.05 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

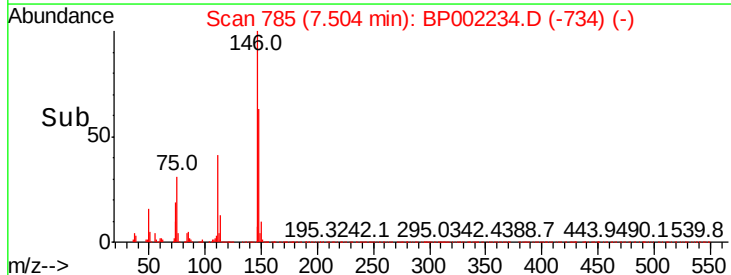
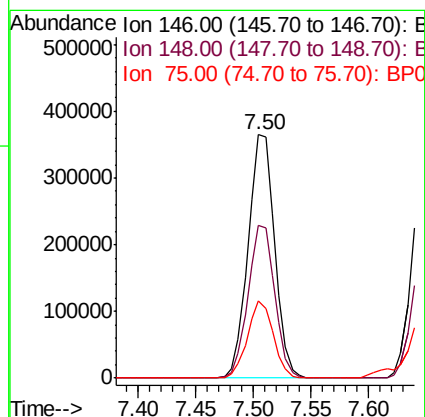
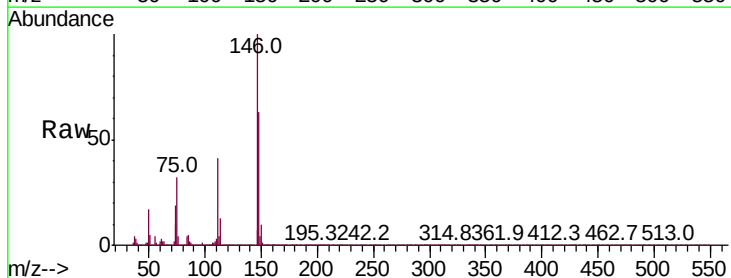
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

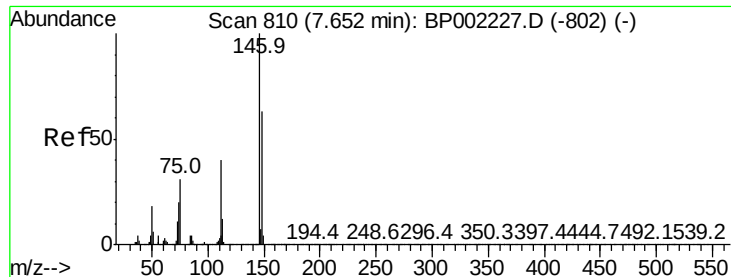
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.0  | 53.6  | 93.6  |
| 95      | 32.8  | 12.2  | 52.2  |



#12  
1,3-Dichlorobenzene  
Concen: 38.855 ng  
RT: 7.50 min Scan# 785  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.7  | 50.2  | 75.2  |
| 75      | 31.9  | 26.0  | 39.0  |





#13

1,4-Dichlorobenzene

Concen: 39.284 ng

RT: 7.65 min Scan# 810

Delta R.T. 0.00 min

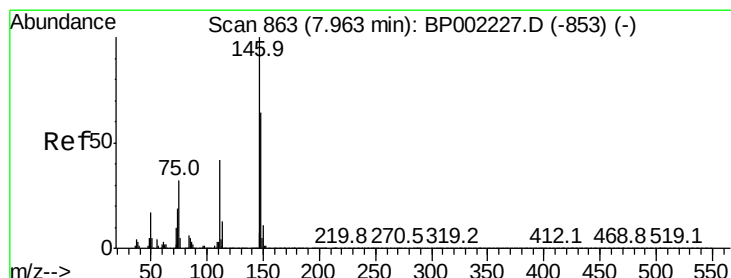
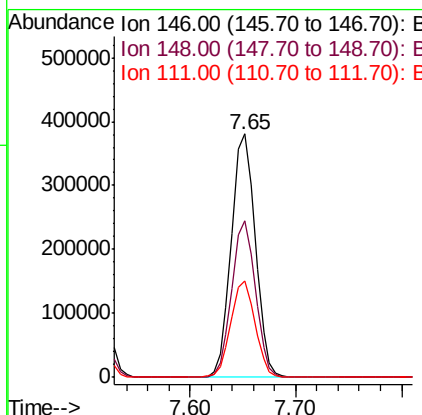
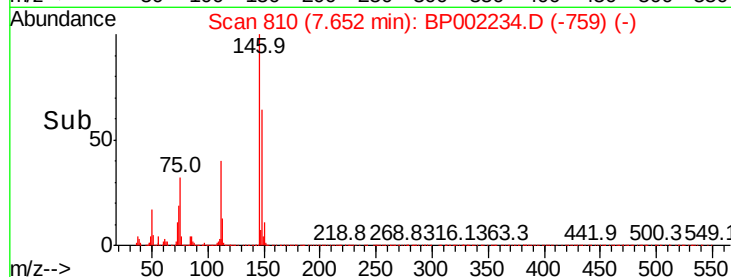
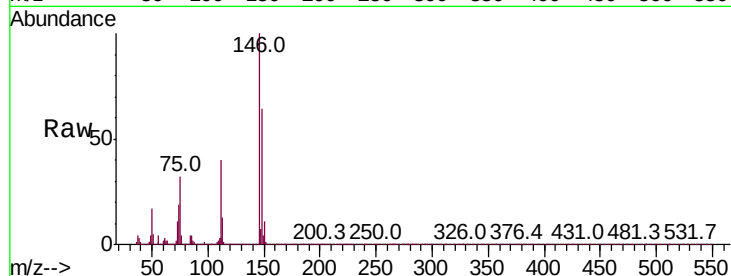
Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tot Ion:146 Resp: 597602

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.5  | 50.6  | 76.0  |
| 111 | 39.7  | 32.5  | 48.7  |



#14

1,2-Dichlorobenzene

Concen: 38.612 ng

RT: 7.96 min Scan# 863

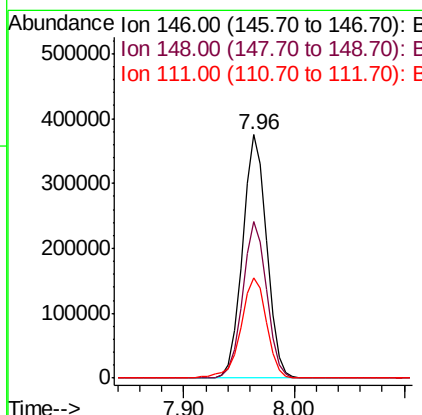
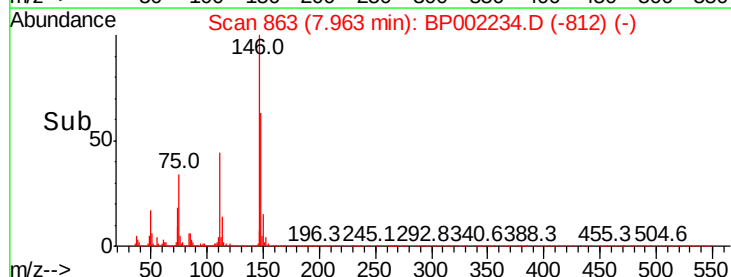
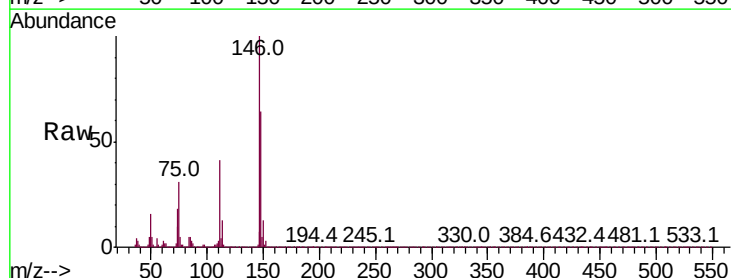
Delta R.T. 0.00 min

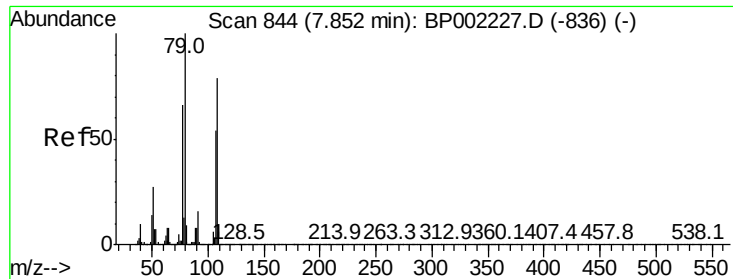
Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:146 Resp: 574440

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.1  | 50.9  | 76.3  |
| 111 | 41.3  | 33.5  | 50.3  |





#15

Benzyl Alcohol

Concen: 39.182 ng

RT: 7.85 min Scan# 844

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

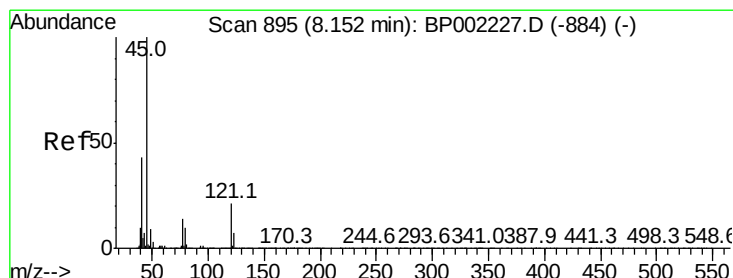
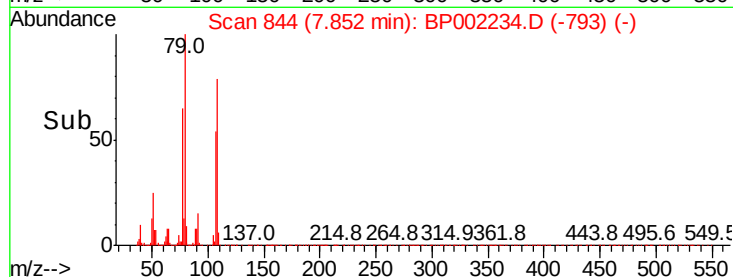
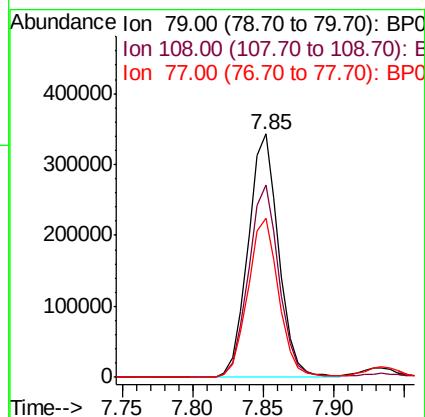
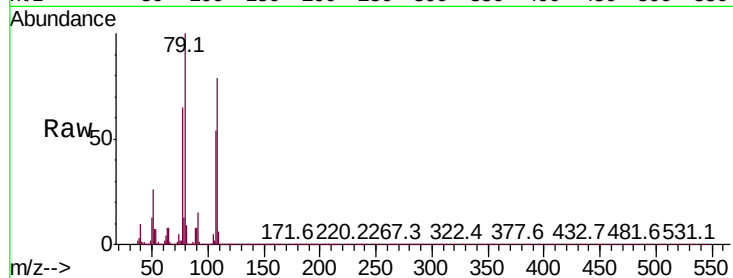
Tot Ion: 79 Resp: 520943

Ion Ratio Lower Upper

79 100

108 78.9 63.2 94.8

77 65.3 53.1 79.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.625 ng

RT: 8.16 min Scan# 896

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

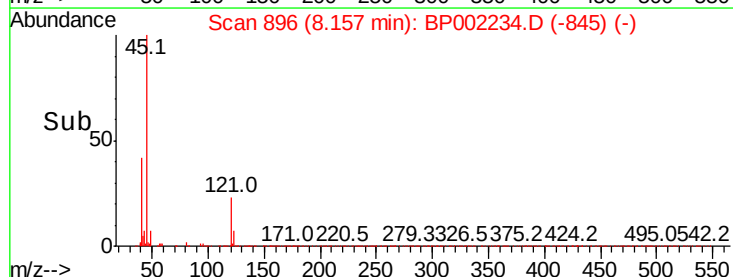
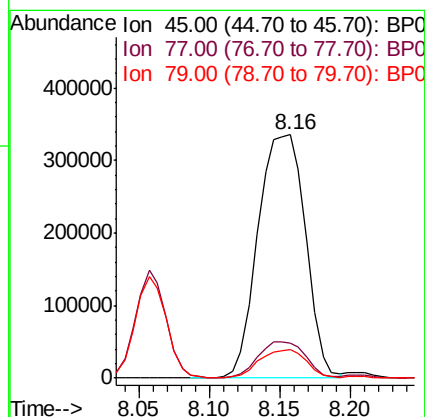
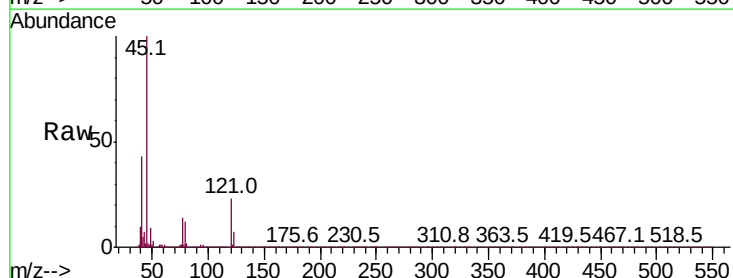
Tgt Ion: 45 Resp: 788808

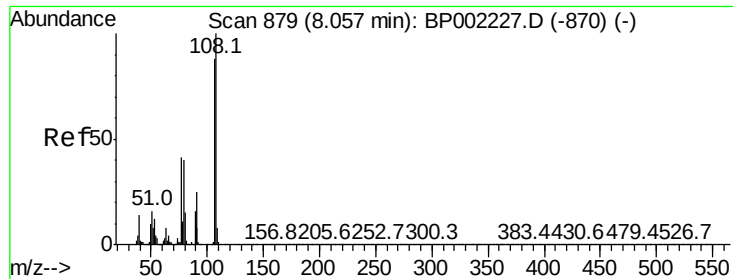
Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.0

79 11.8 0.0 31.3





#17

2-Methylphenol

Concen: 36.613 ng

RT: 8.06 min Scan# 879

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 496447

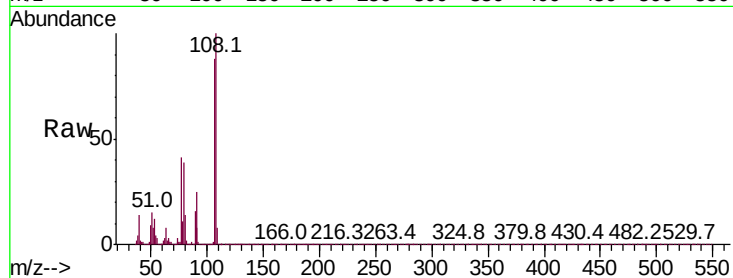
Ion Ratio Lower Upper

107 100

108 113.5 90.6 136.0

77 46.6 37.3 55.9

79 44.0 35.9 53.9

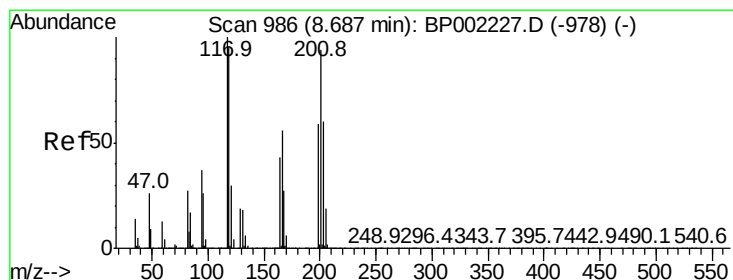
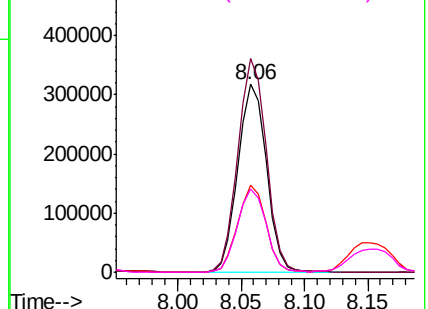
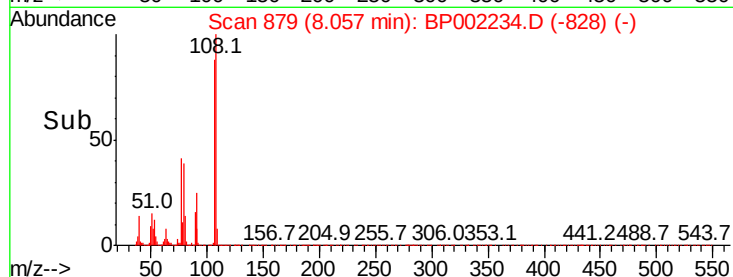


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 38.623 ng

RT: 8.69 min Scan# 986

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

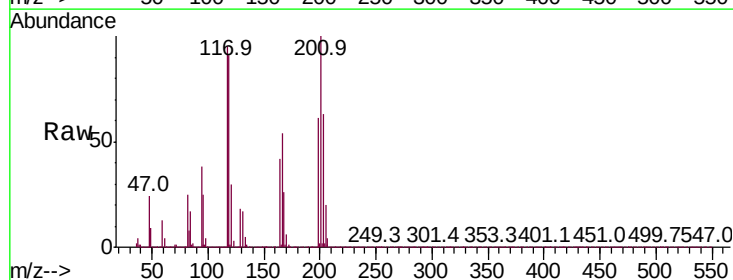
Tgt Ion:117 Resp: 211149

Ion Ratio Lower Upper

117 100

119 96.2 75.7 113.5

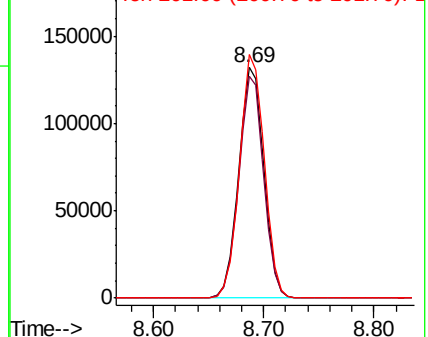
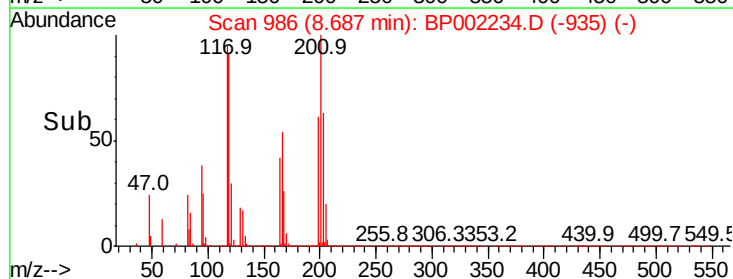
201 105.7 75.2 112.8

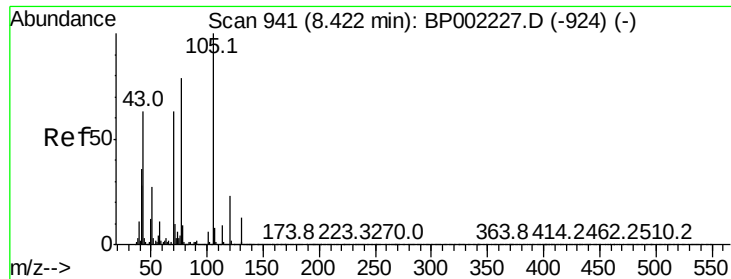


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

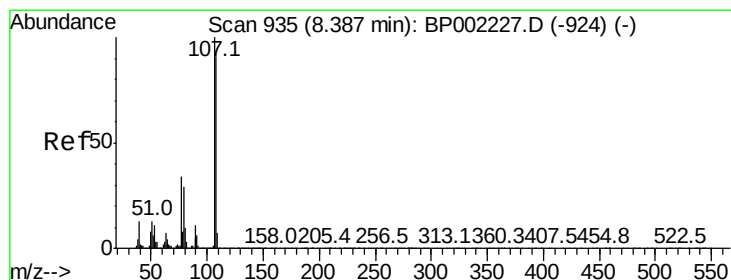
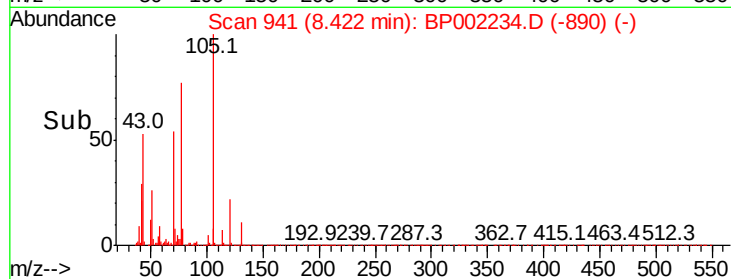
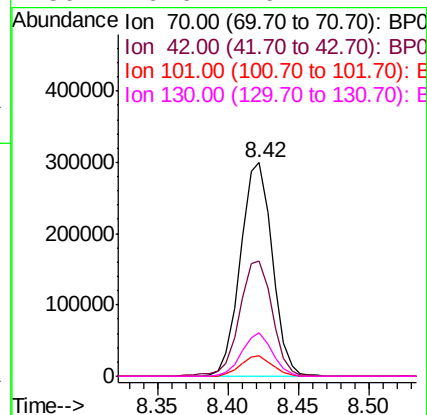
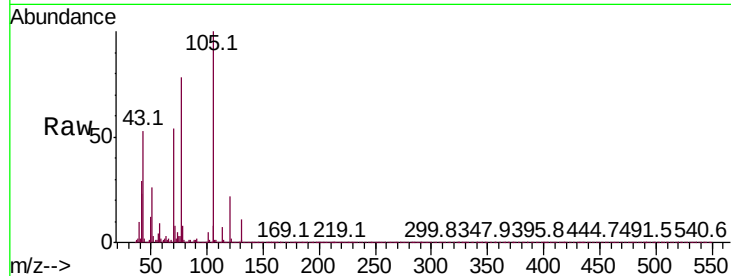




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.543 ng  
RT: 8.42 min Scan# 941  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

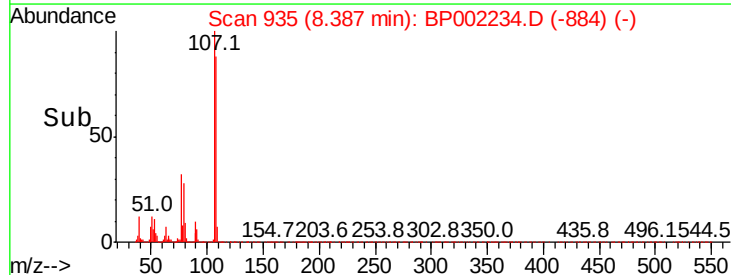
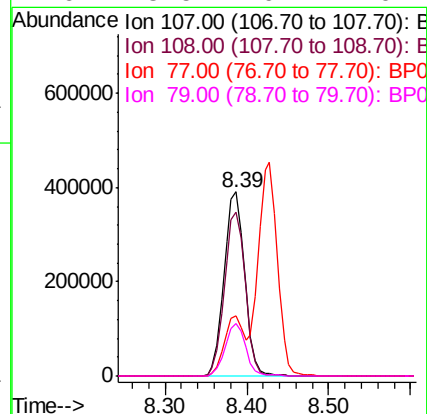
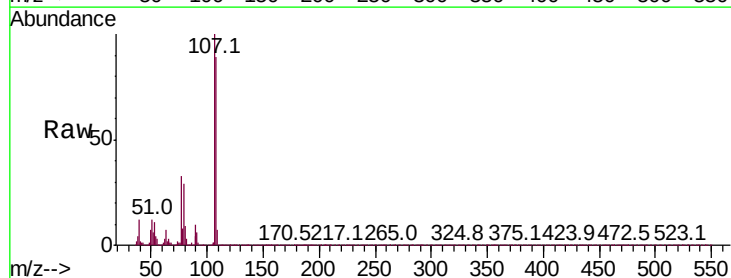
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

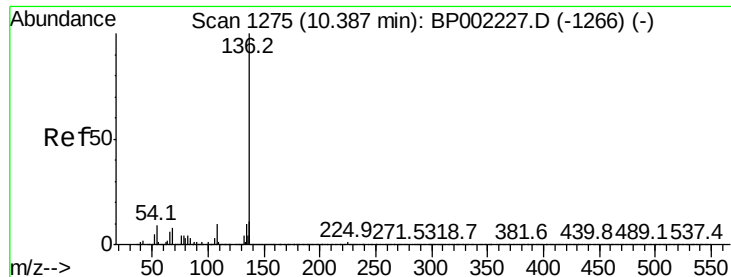
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 470432 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 53.8  | 45.4  | 68.2   |
| 101      | 9.5   | 7.5   | 11.3   |
| 130      | 20.6  | 16.1  | 24.1   |



#20  
3+4-Methylphenols  
Concen: 36.709 ng  
RT: 8.39 min Scan# 935  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 687416 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.1  | 71.1  | 111.1  |
| 77       | 32.5  | 13.6  | 53.6   |
| 79       | 28.5  | 9.4   | 49.4   |

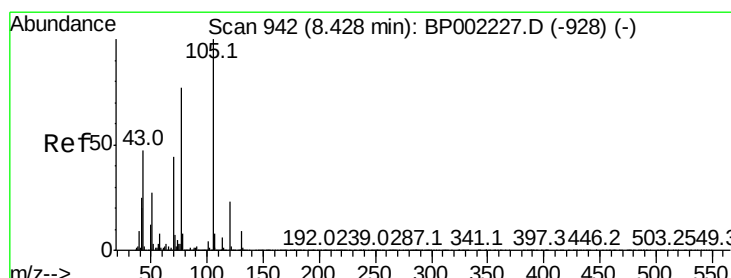
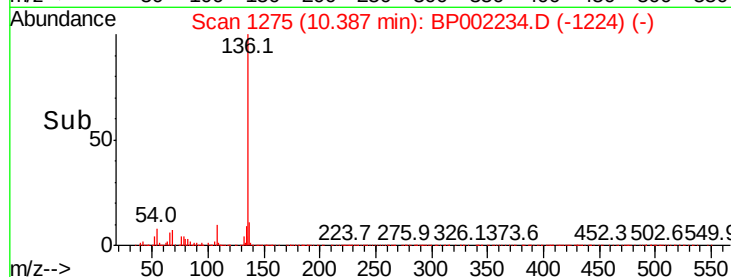
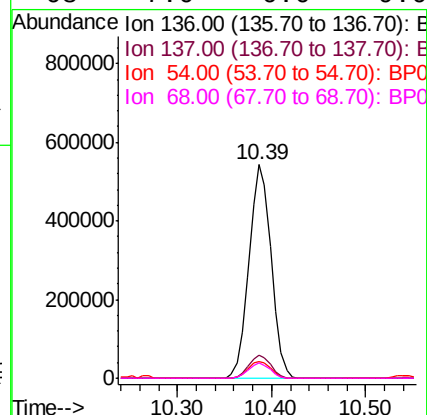
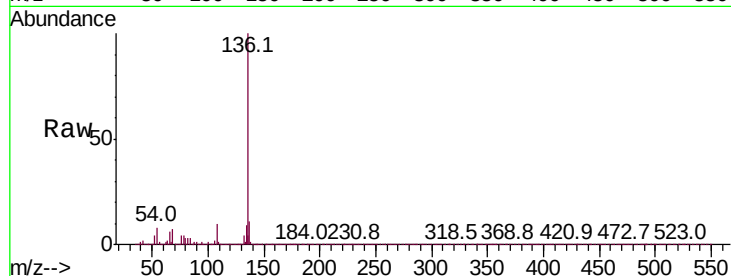




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.39 min Scan# 1275  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

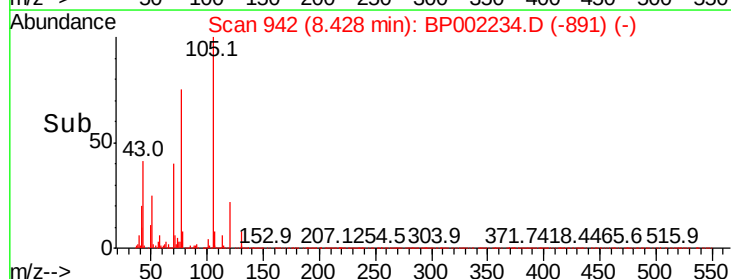
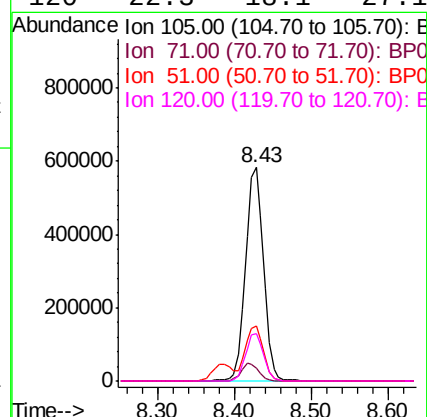
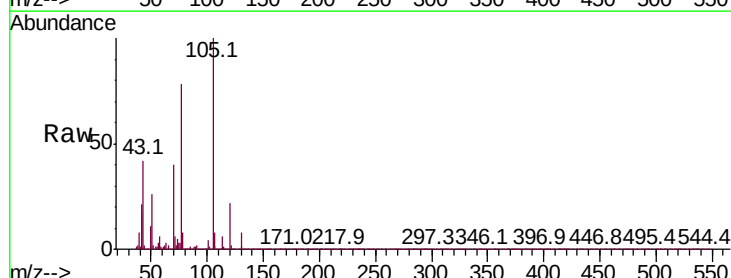
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

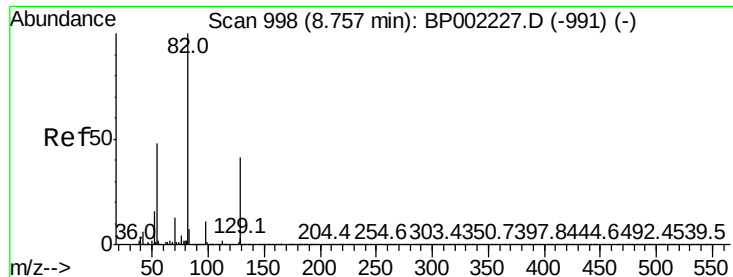
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 882259 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 9.0   | 13.6   |
| 54       | 8.0   | 7.0   | 10.6   |
| 68       | 7.0   | 6.0   | 9.0    |



#22  
Acetophenone  
Concen: 41.929 ng  
RT: 8.43 min Scan# 942  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 955471 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 6.2   | 5.8   | 8.8    |
| 51       | 26.0  | 21.3  | 31.9   |
| 120      | 22.3  | 18.1  | 27.1   |

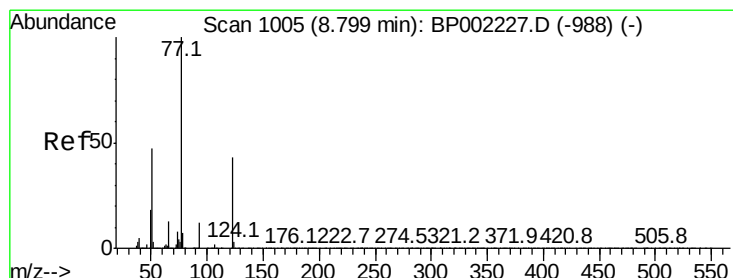
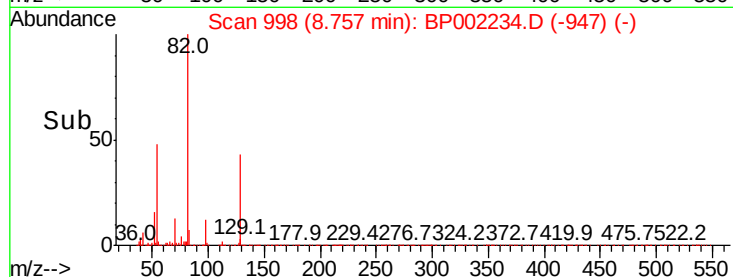
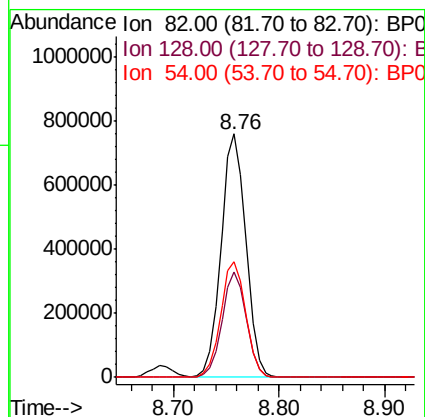
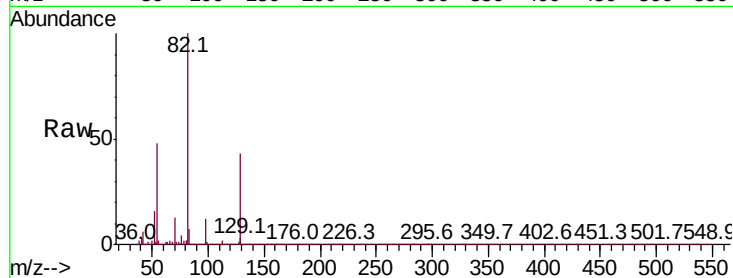




#23  
Nitrobenzene-d5  
Concen: 72.547 ng  
RT: 8.76 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

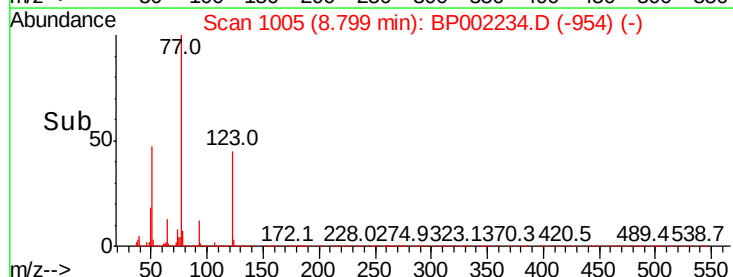
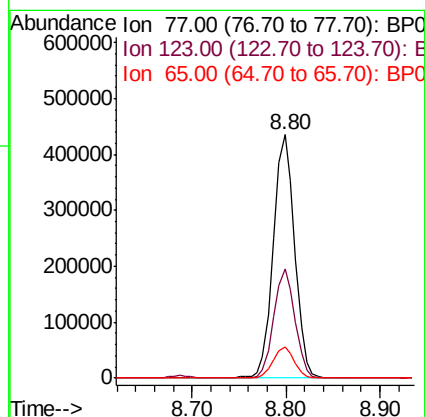
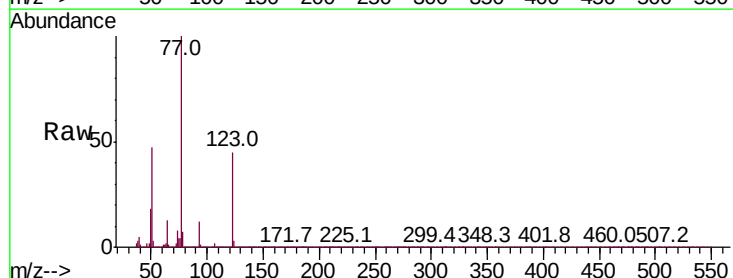
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tot Ion: 82 Resp: 1239400  
Ion Ratio Lower Upper  
82 100  
128 43.1 32.4 48.6  
54 47.7 38.2 57.2

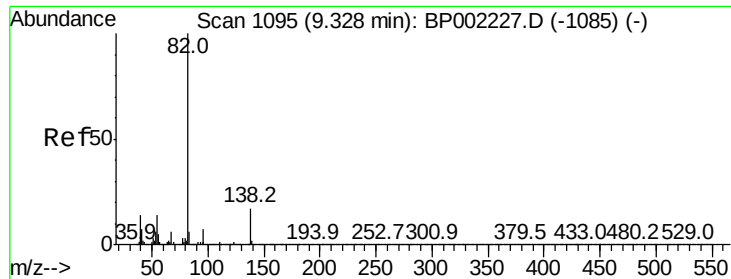


#24  
Nitrobenzene  
Concen: 37.567 ng  
RT: 8.80 min Scan# 1005  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

Tgt Ion: 77 Resp: 683715  
Ion Ratio Lower Upper  
77 100  
123 44.7 34.8 52.2  
65 12.7 10.4 15.6



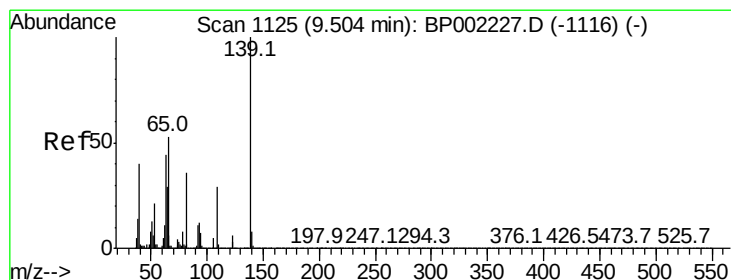
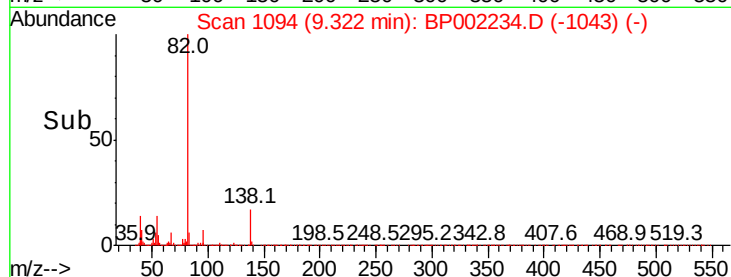
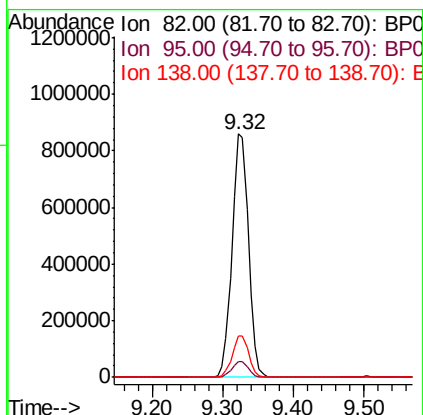
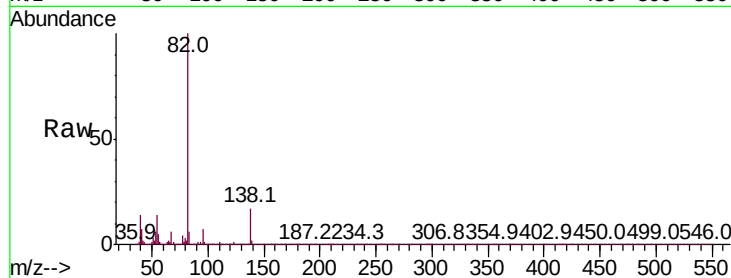




#25  
Isophorone  
Concen: 36.810 ng  
RT: 9.32 min Scan# 1094  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

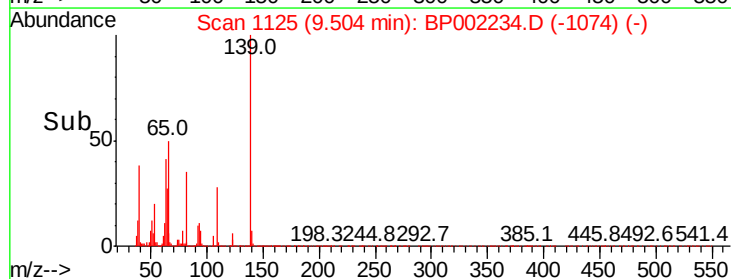
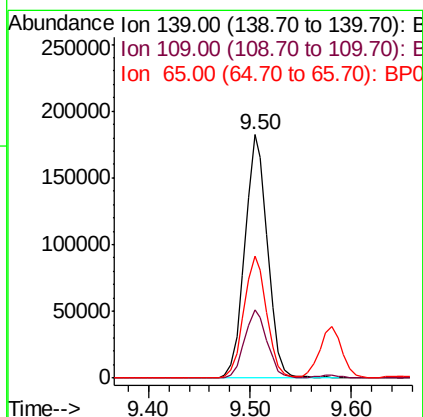
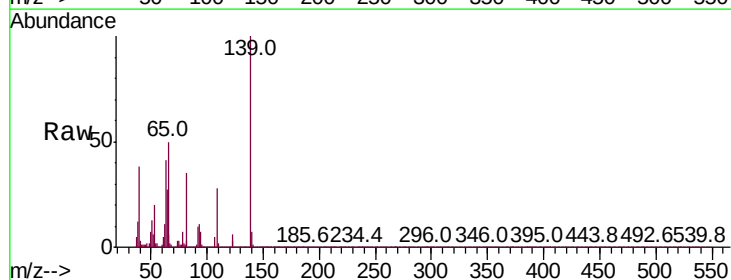
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

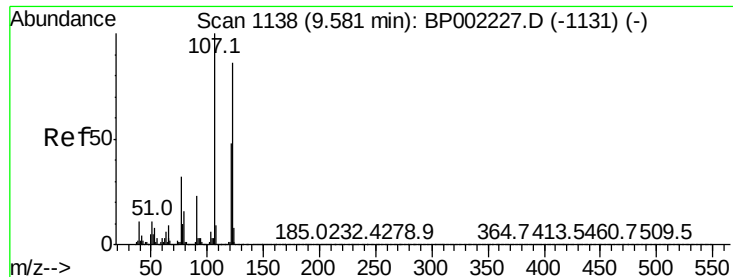
Tot Ion: 82 Resp: 1385364  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.5 8.3  
138 17.1 13.3 19.9



#26  
2-Nitrophenol  
Concen: 41.601 ng  
RT: 9.50 min Scan# 1125  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

Tgt Ion: 139 Resp: 281809  
Ion Ratio Lower Upper  
139 100  
109 28.1 22.9 34.3  
65 50.3 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 41.919 ng

RT: 9.58 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampled :

SSTDCCC040

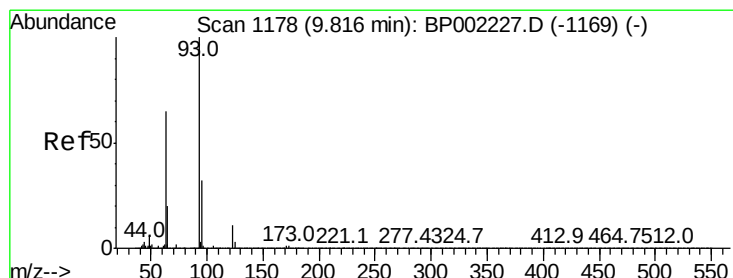
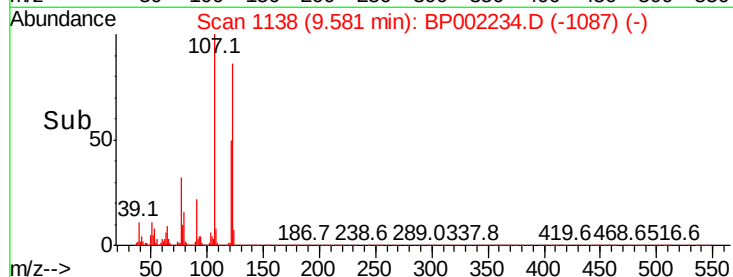
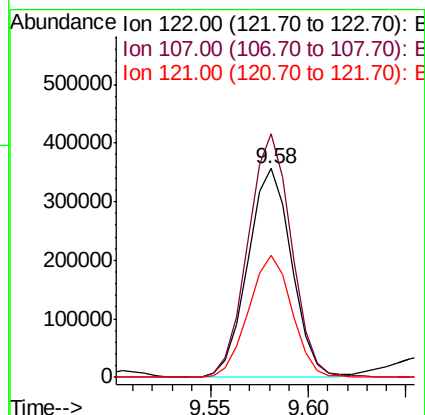
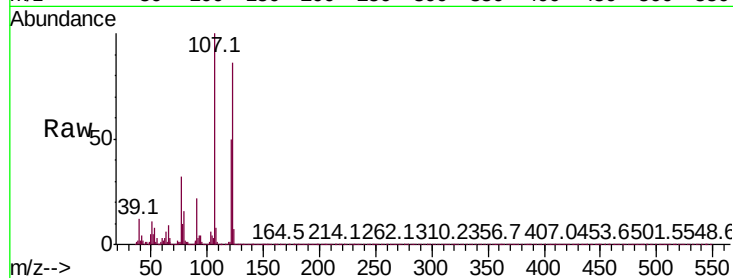
Tot Ion:122 Resp: 553821

Ion Ratio Lower Upper

122 100

107 116.5 93.3 139.9

121 58.7 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.645 ng

RT: 9.82 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

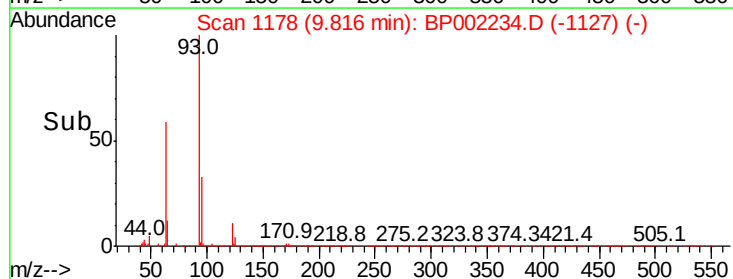
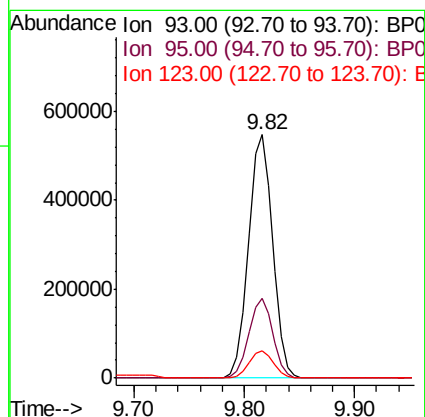
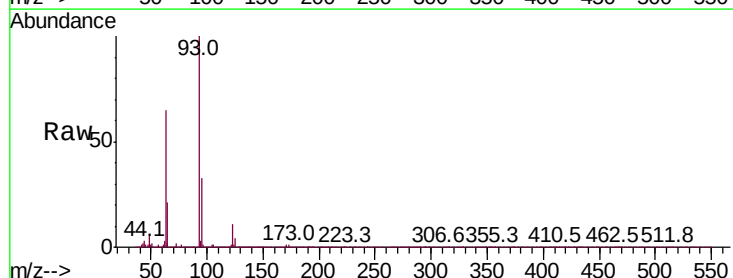
Tgt Ion: 93 Resp: 842718

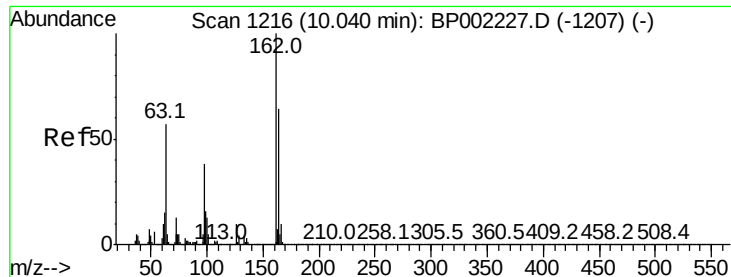
Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

123 11.0 8.6 12.8

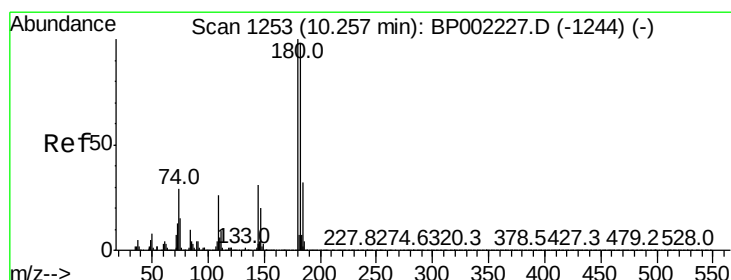
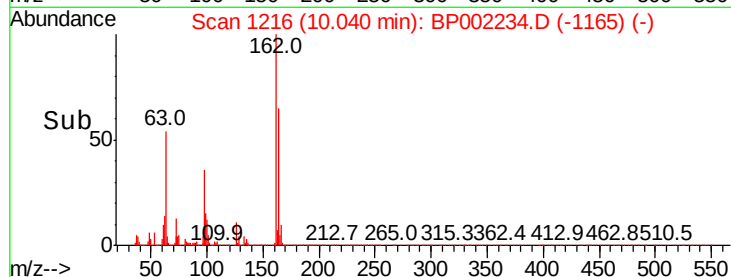
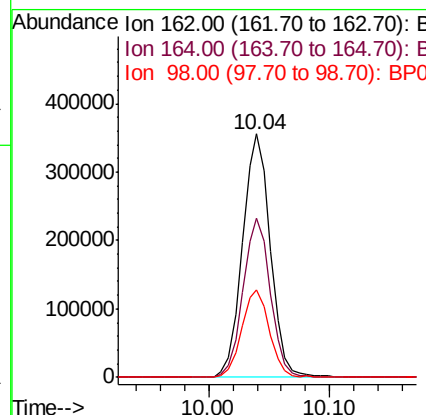
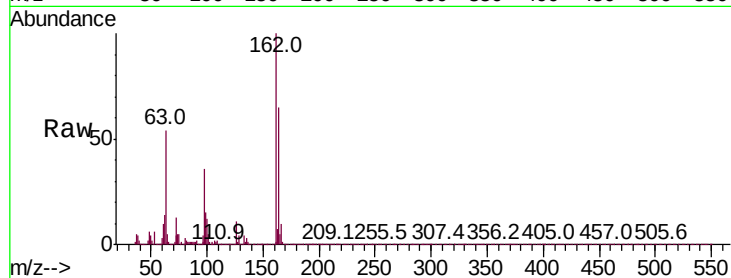




#29  
2,4-Dichlorophenol  
Concen: 40.665 ng  
RT: 10.04 min Scan# 1216  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

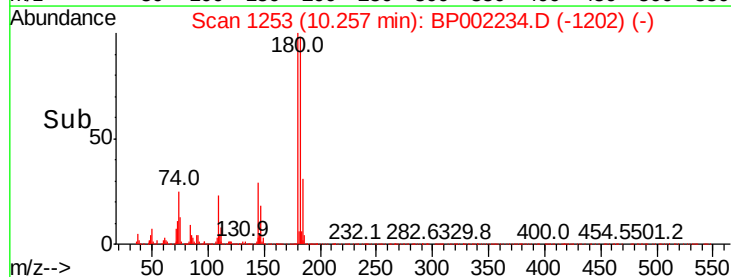
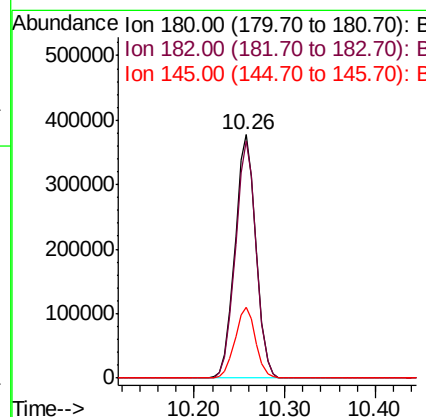
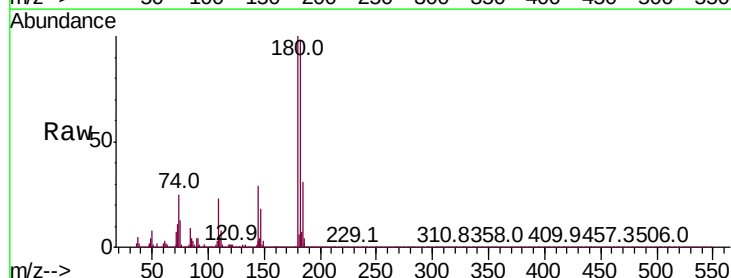
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

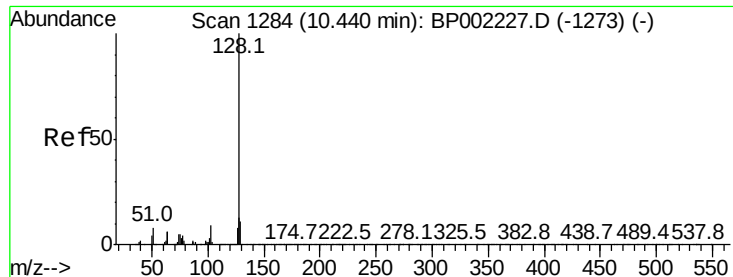
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.4  | 43.6  | 83.6  |
| 98      | 35.9  | 17.9  | 57.9  |



#30  
1,2,4-Trichlorobenzene  
Concen: 39.104 ng  
RT: 10.26 min Scan# 1253  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.6  | 78.6  | 117.8 |
| 145     | 29.3  | 24.7  | 37.1  |

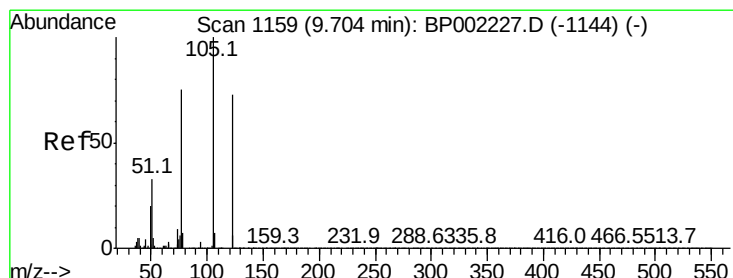
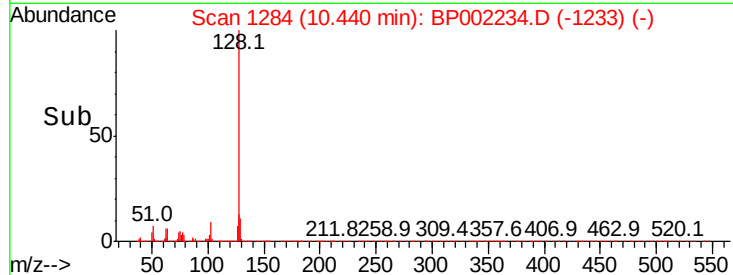
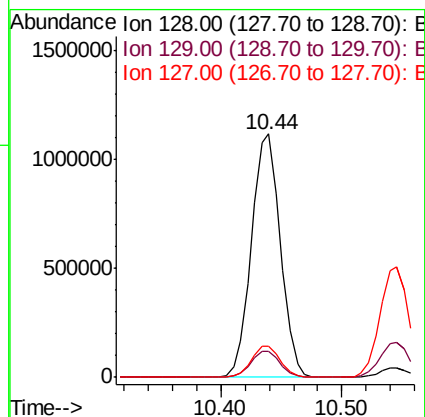
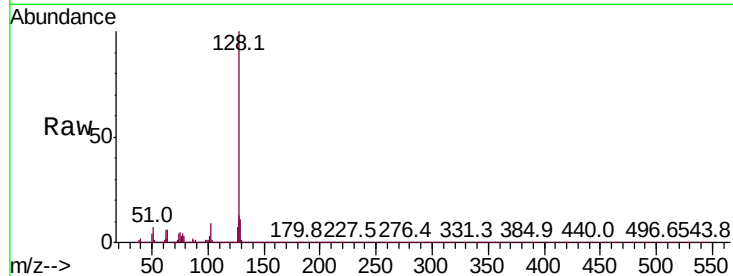




#31  
Naphthalene  
Concen: 39.088 ng  
RT: 10.44 min Scan# 1284  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

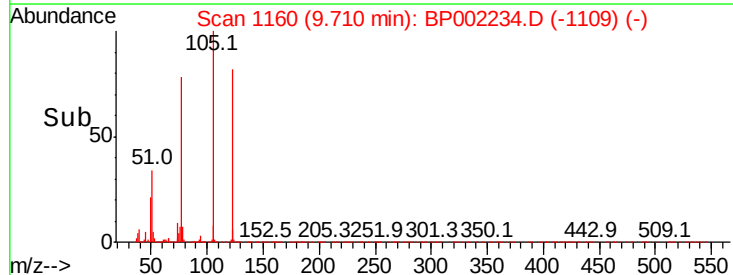
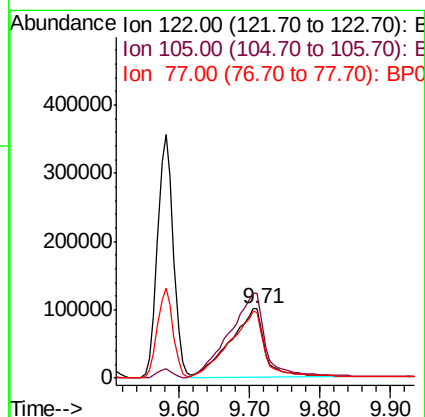
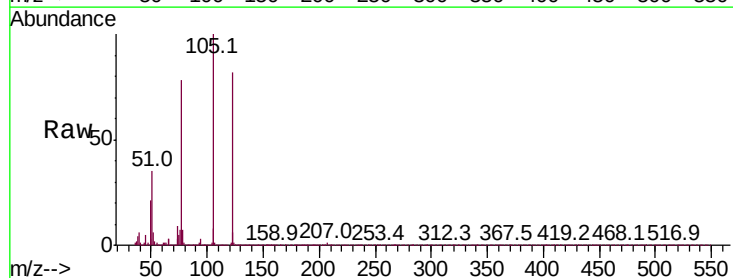
Instrument :  
BNA\_P  
ClientSampled :  
SSTDCCC040

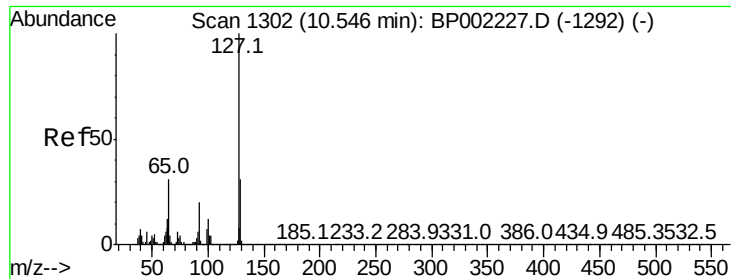
Tot Ion:128 Resp: 1868958  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.8 13.2  
127 12.8 10.3 15.5



#32  
Benzoic acid  
Concen: 39.740 ng  
RT: 9.71 min Scan# 1160  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

Tgt Ion:122 Resp: 345802  
Ion Ratio Lower Upper  
122 100  
105 121.9 108.6 148.6  
77 95.1 79.2 119.2

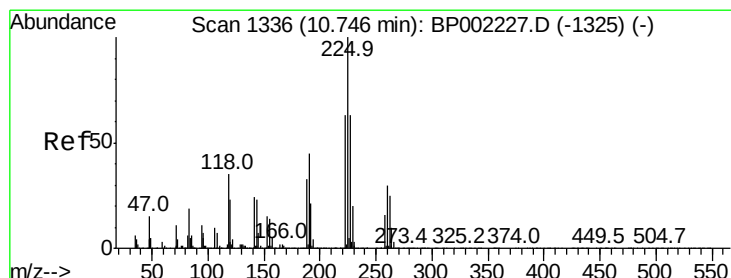
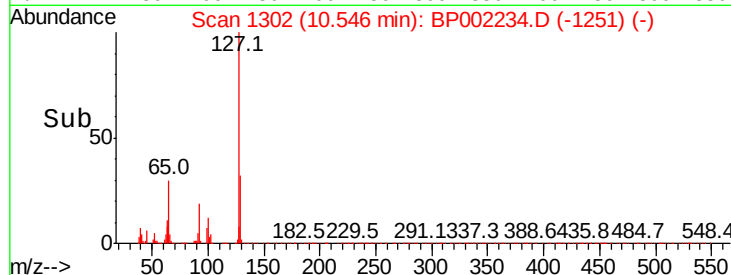
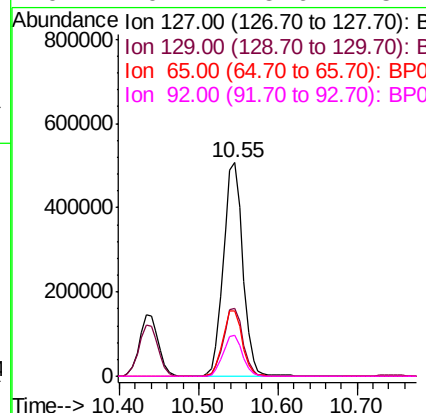
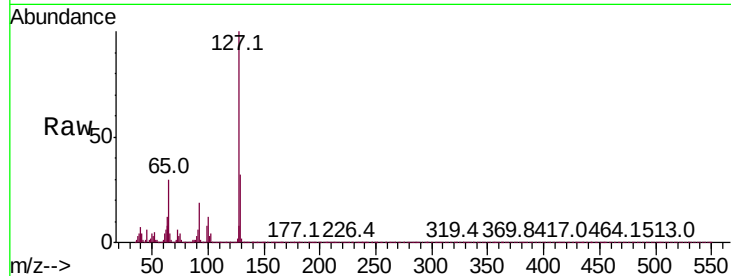




#33  
4-Chloroaniline  
Concen: 39.074 ng  
RT: 10.55 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

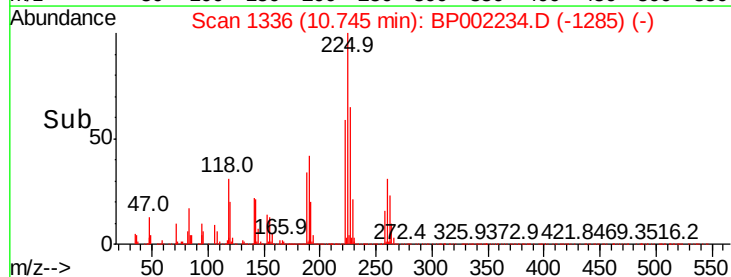
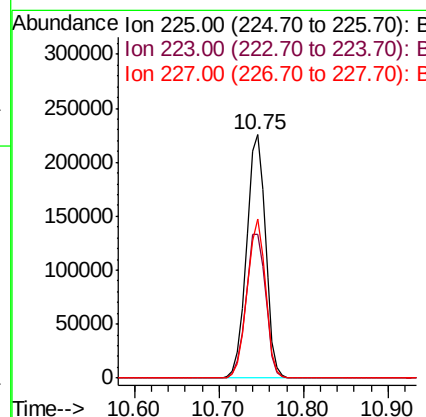
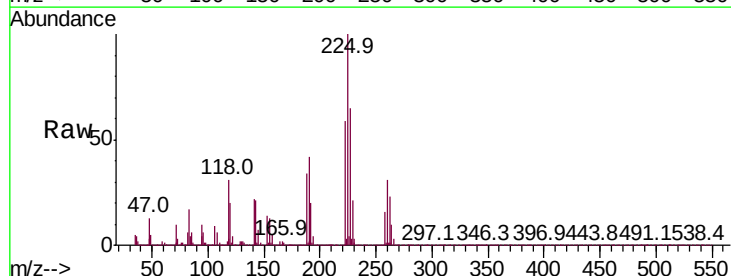
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

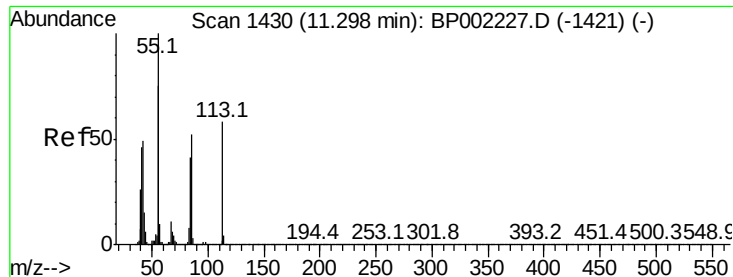
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 859791 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 25.0  | 37.4   |
| 65       | 30.4  | 24.6  | 36.8   |
| 92       | 19.1  | 15.6  | 23.4   |



#34  
Hexachlorobutadiene  
Concen: 39.189 ng  
RT: 10.75 min Scan# 1336  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 346502 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 59.2  | 50.6  | 75.8   |
| 227      | 65.5  | 50.3  | 75.5   |





#35

Caprolactam

Concen: 42.629 ng

RT: 11.30 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

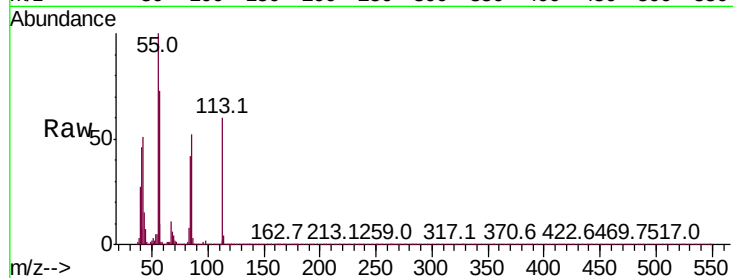
Tot Ion:113 Resp: 229729

Ion Ratio Lower Upper

113 100

55 165.7 153.8 193.8

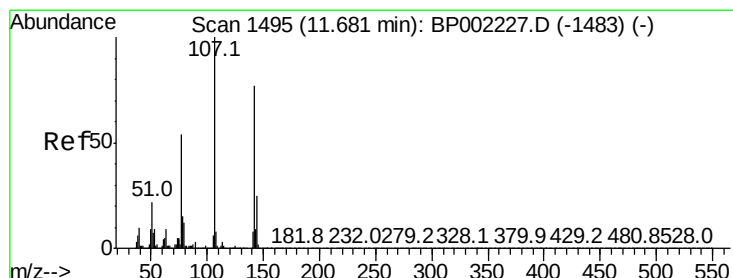
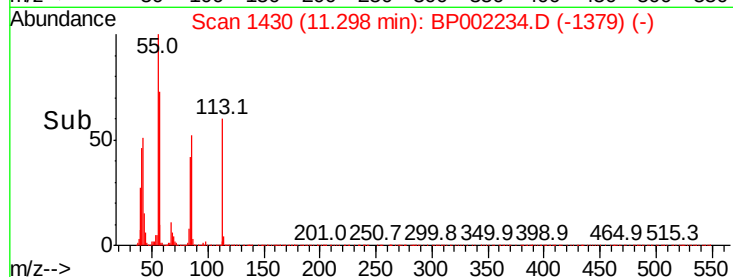
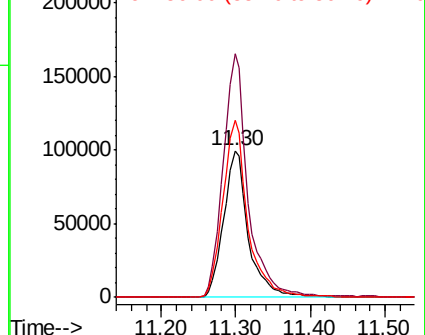
56 120.4 109.8 149.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 39.974 ng

RT: 11.68 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

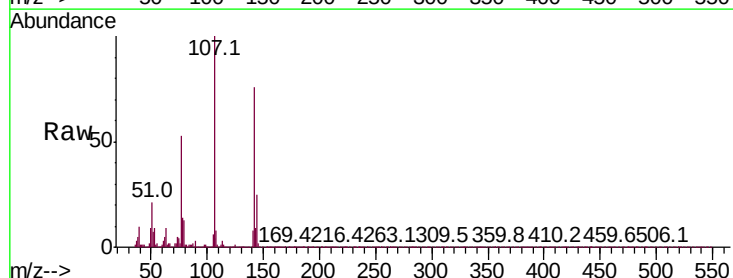
Tgt Ion:107 Resp: 654944

Ion Ratio Lower Upper

107 100

144 25.4 20.2 30.2

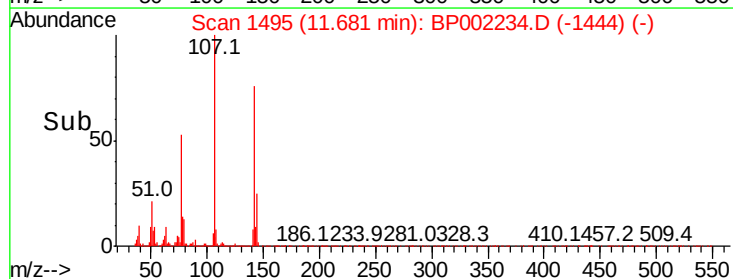
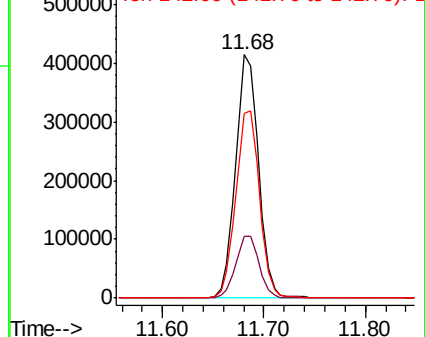
142 76.1 61.9 92.9

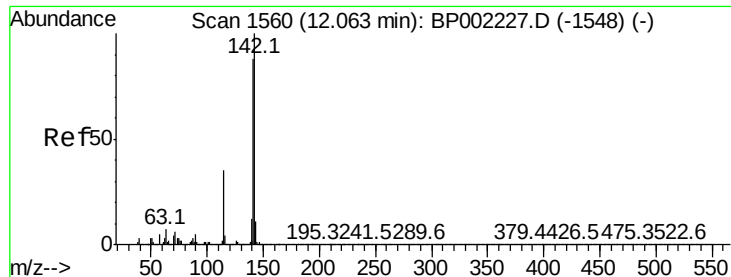


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

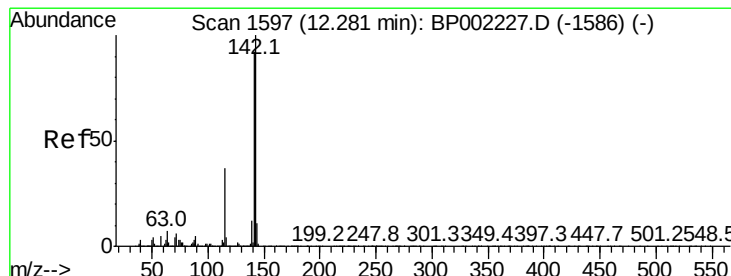
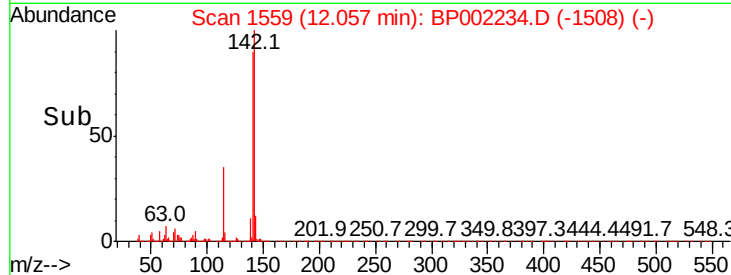
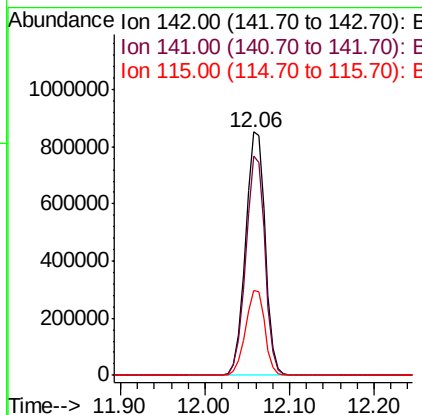
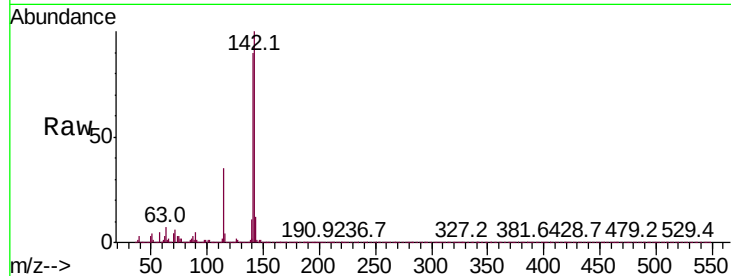




#37  
2-Methylnaphthalene  
Concen: 39.887 ng  
RT: 12.06 min Scan# 1559  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

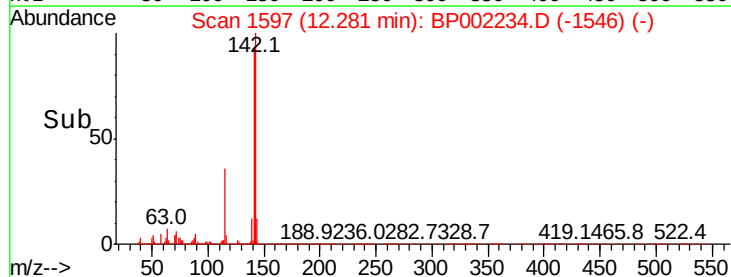
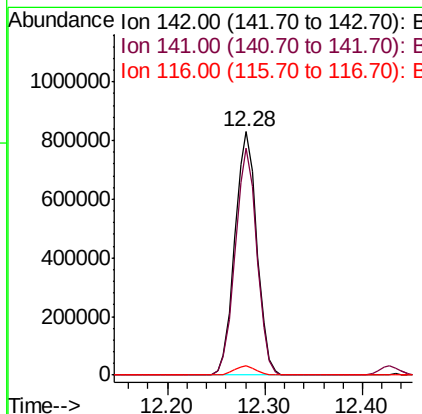
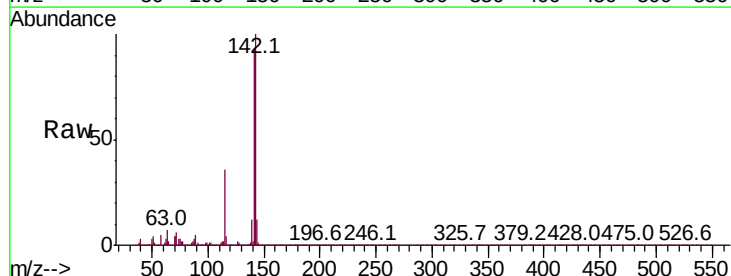
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

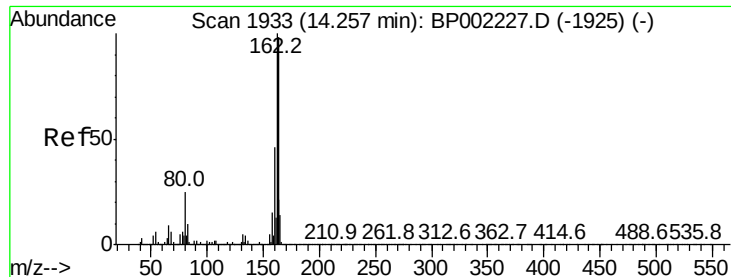
Tot Ion:142 Resp: 1366822  
Ion Ratio Lower Upper  
142 100  
141 89.9 70.6 105.8  
115 34.7 28.3 42.5



#38  
1-Methylnaphthalene  
Concen: 39.636 ng  
RT: 12.28 min Scan# 1597  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

Tgt Ion:142 Resp: 1293367  
Ion Ratio Lower Upper  
142 100  
141 93.4 73.9 110.9  
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

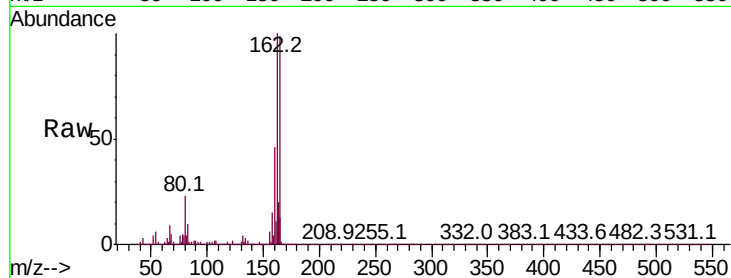
Tot Ion:164 Resp: 582049

Ion Ratio Lower Upper

164 100

162 101.0 81.5 122.3

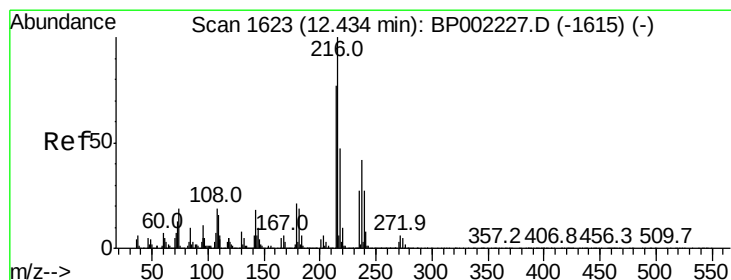
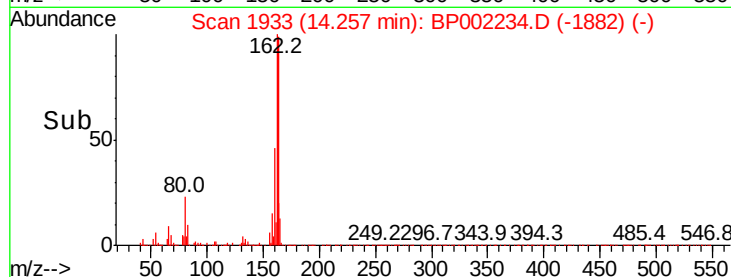
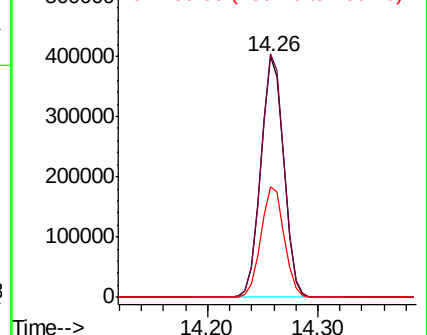
160 46.1 37.3 55.9



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: 42.127 ng

RT: 12.44 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:216 Resp: 728304

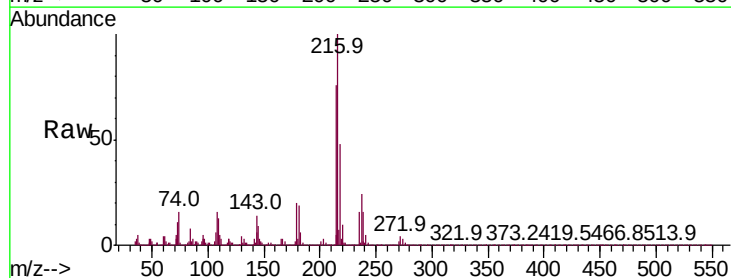
Ion Ratio Lower Upper

216 100

214 78.5 62.2 93.4

179 20.6 16.4 24.6

108 18.4 15.8 23.8

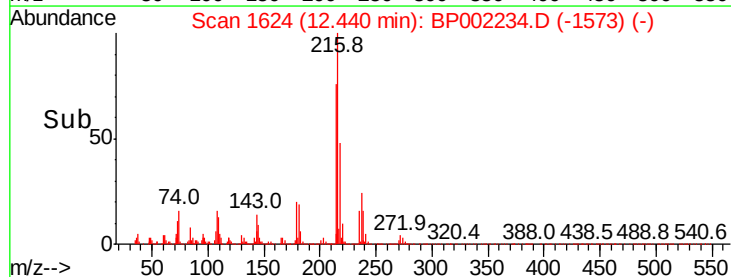
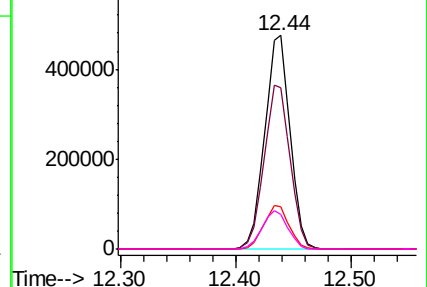


Abundance Ion 216.00 (215.70 to 216.70): E

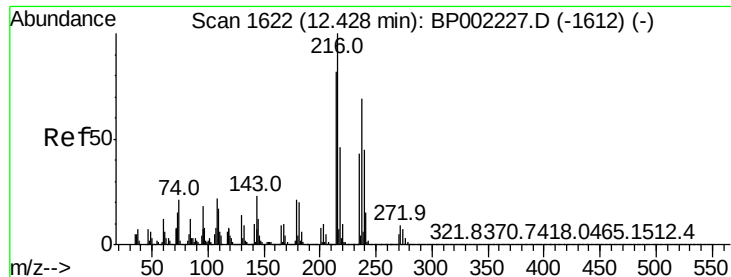
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



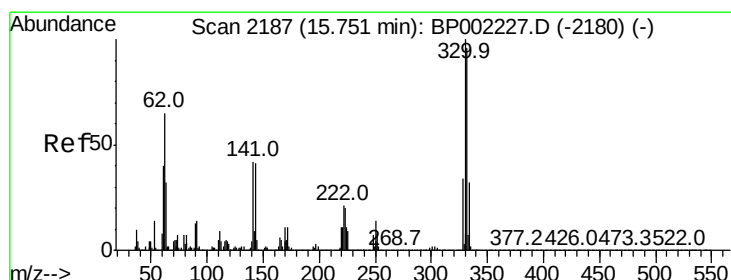
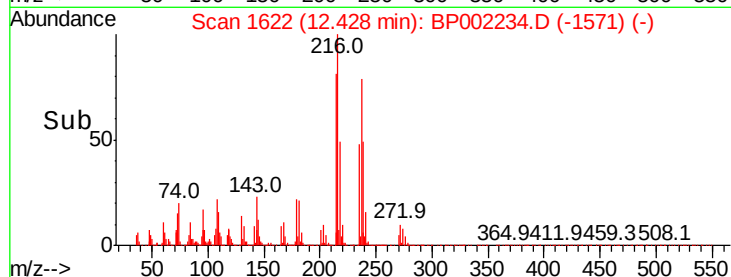
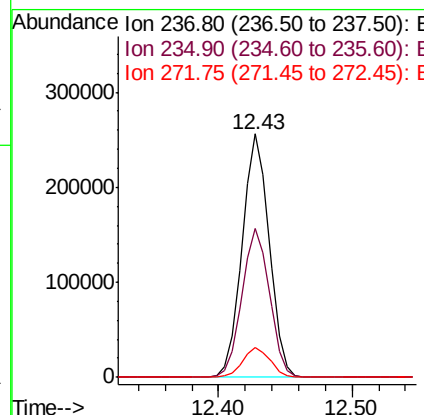
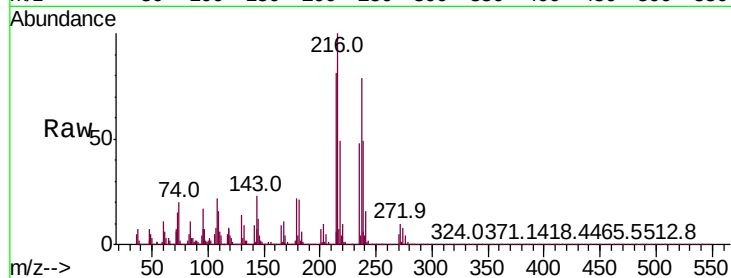




#41  
Hexachlorocyclopentadiene  
Concen: 44.833 ng  
RT: 12.43 min Scan# 1622  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

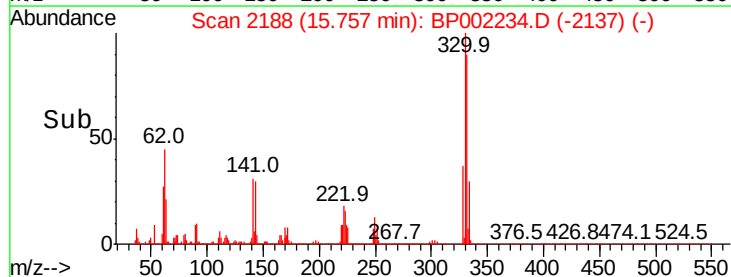
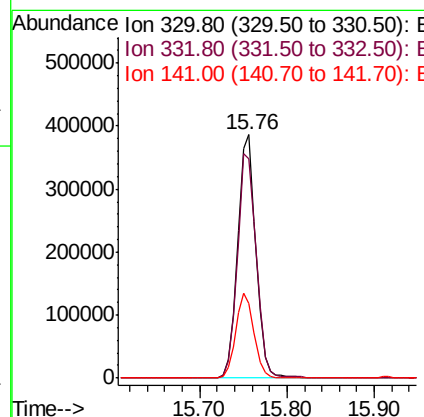
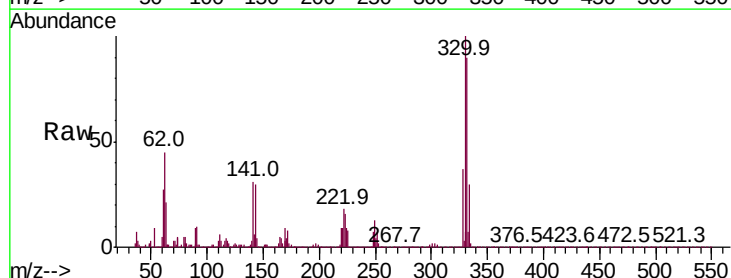
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

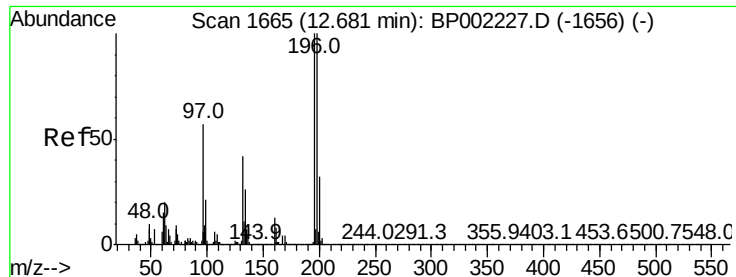
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 60.9  | 43.0  | 83.0  |
| 272     | 12.2  | 0.0   | 32.7  |



#42  
2,4,6-Tribromophenol  
Concen: 88.520 ng  
RT: 15.76 min Scan# 2188  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 76.3  | 114.5 |
| 141     | 35.2  | 32.0  | 48.0  |

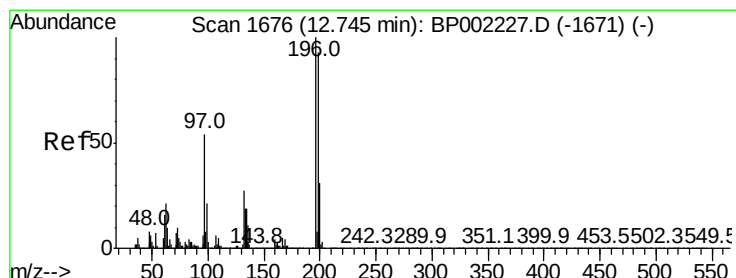
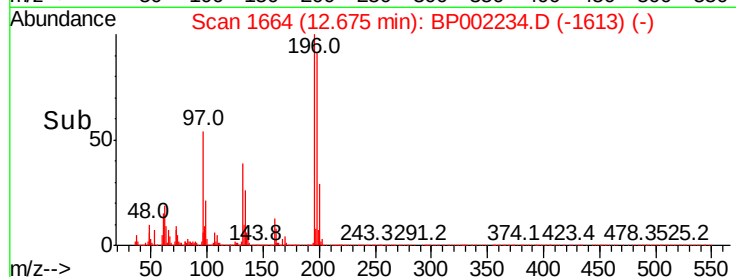
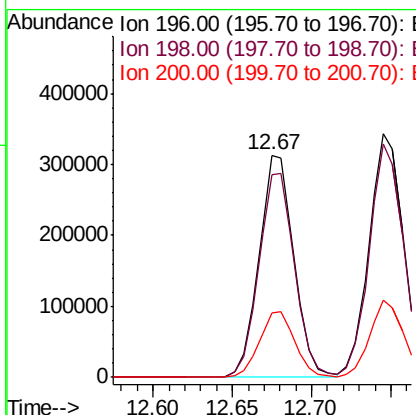
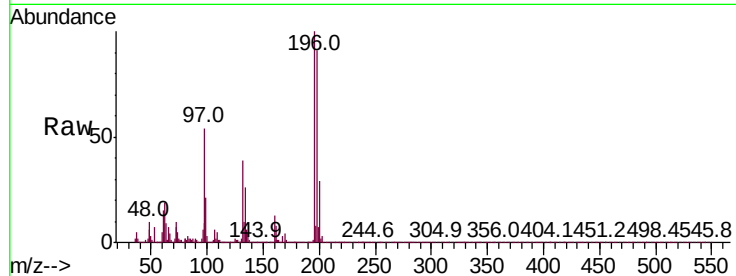




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.825 ng  
 RT: 12.67 min Scan# 1664  
 Delta R.T. 0.00 min  
 Lab File: BP002234.D  
 Acq: 05 May 2020 13:00

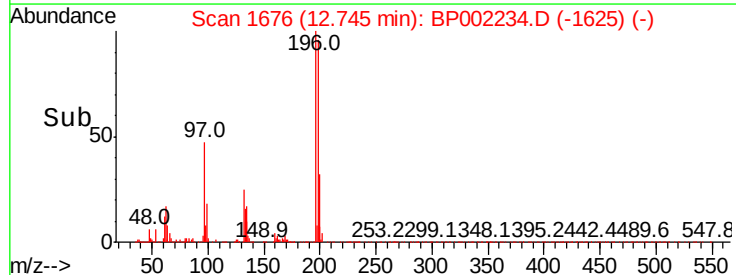
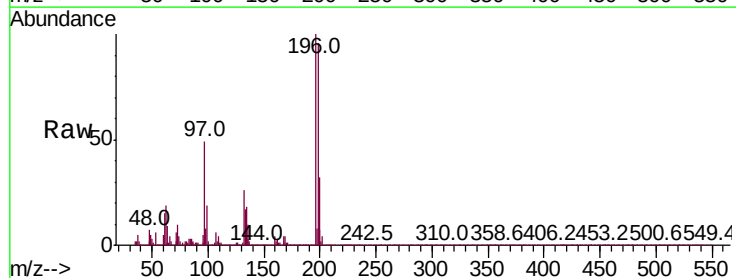
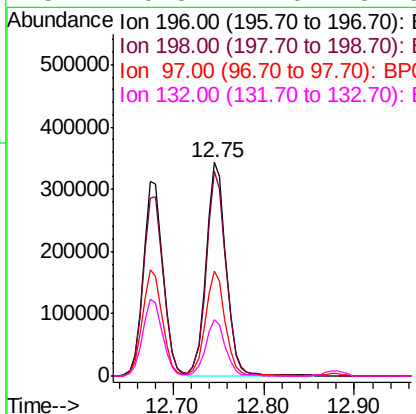
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

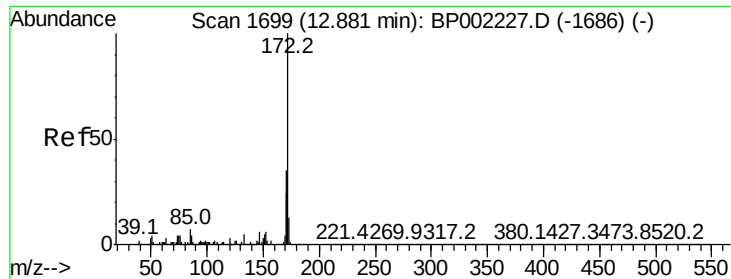
Tot Ion:196 Resp: 478303  
 Ion Ratio Lower Upper  
 196 100  
 198 91.3 79.8 119.6  
 200 29.1 25.4 38.2



#44  
 2,4,5-Trichlorophenol  
 Concen: 38.258 ng  
 RT: 12.75 min Scan# 1676  
 Delta R.T. 0.00 min  
 Lab File: BP002234.D  
 Acq: 05 May 2020 13:00

Tgt Ion:196 Resp: 528701  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 74.5 111.7  
 97 49.2 43.4 65.0  
 132 26.3 21.9 32.9

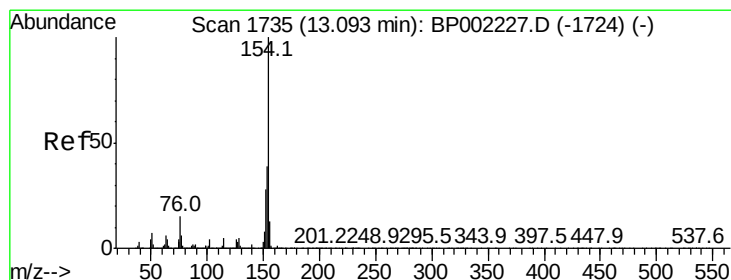
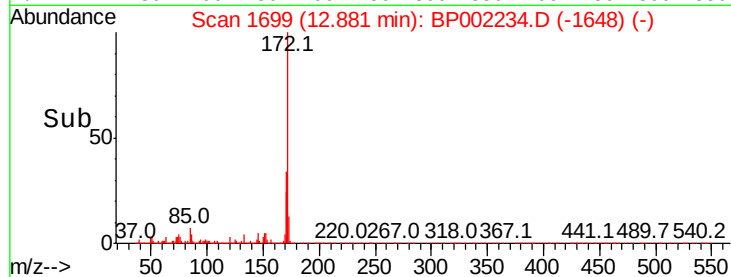
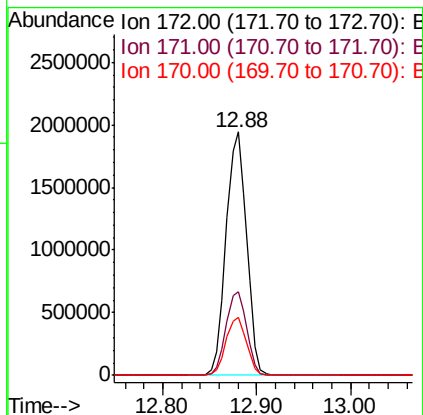
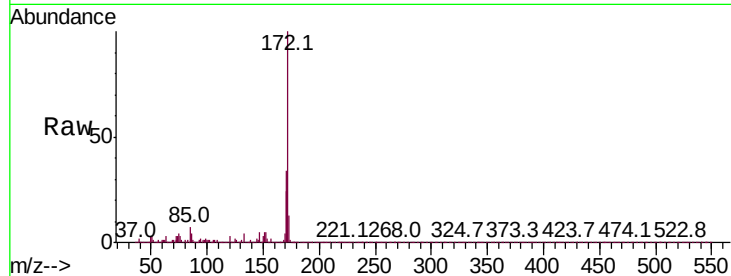




#45  
2-Fluorobiphenyl  
Concen: 70.858 ng  
RT: 12.88 min Scan# 1699  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

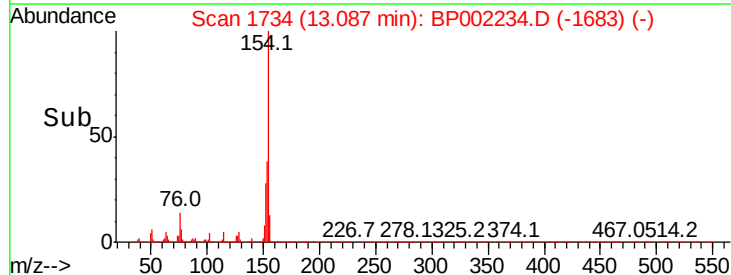
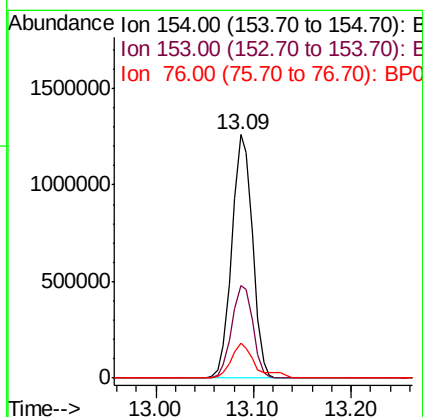
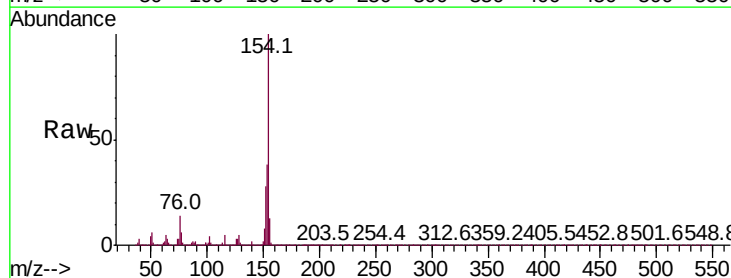
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

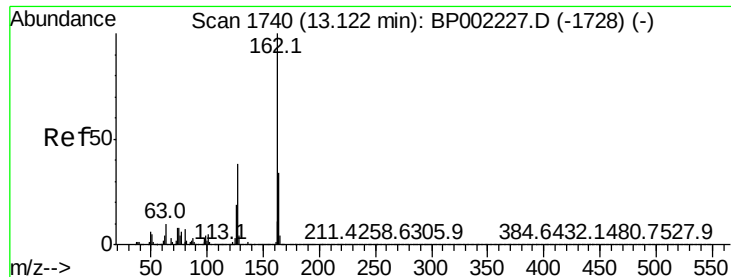
Tot Ion:172 Resp: 2945104  
Ion Ratio Lower Upper  
172 100  
171 34.2 27.9 41.9  
170 23.8 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 40.431 ng  
RT: 13.09 min Scan# 1734  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

Tgt Ion:154 Resp: 1844169  
Ion Ratio Lower Upper  
154 100  
153 38.2 18.9 58.9  
76 14.2 0.0 34.6

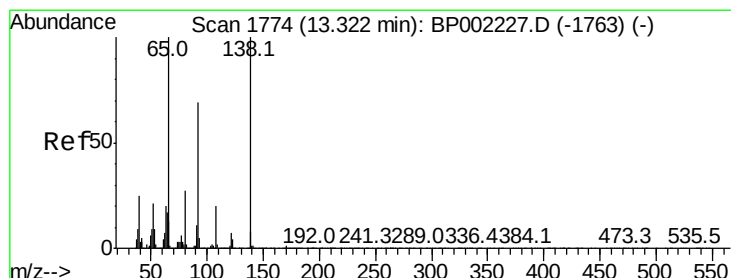
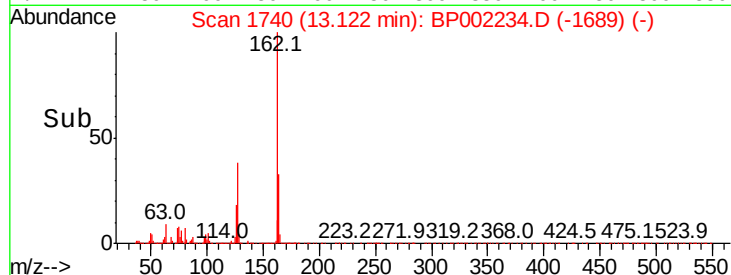
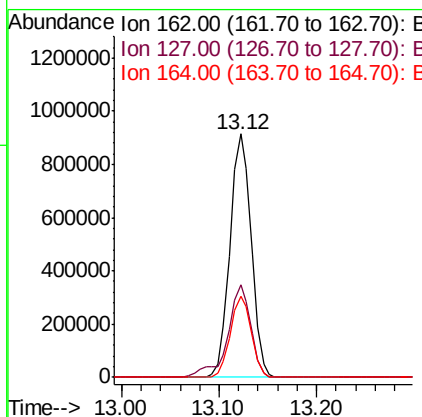
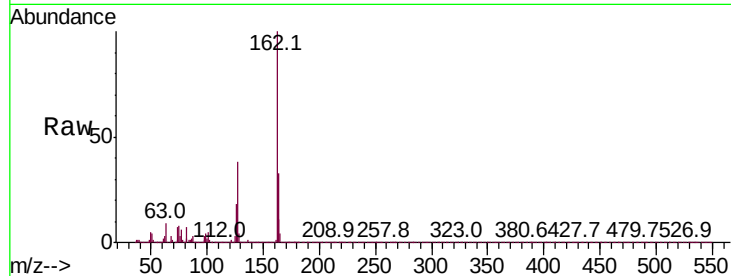




#47  
2-Chloronaphthalene  
Concen: 39.055 ng  
RT: 13.12 min Scan# 1740  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

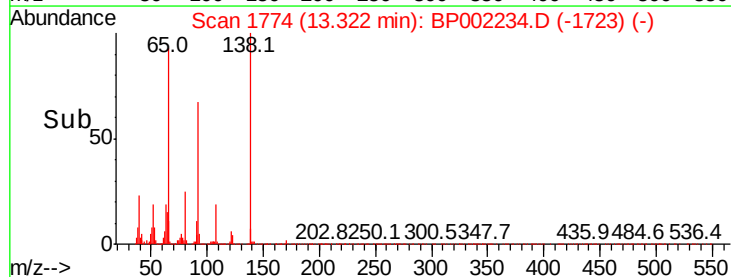
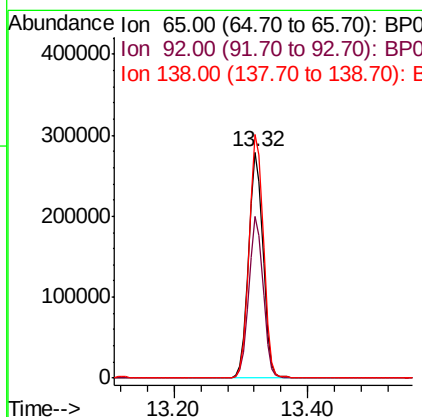
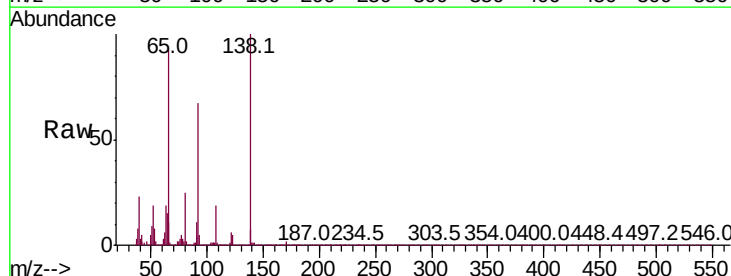
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

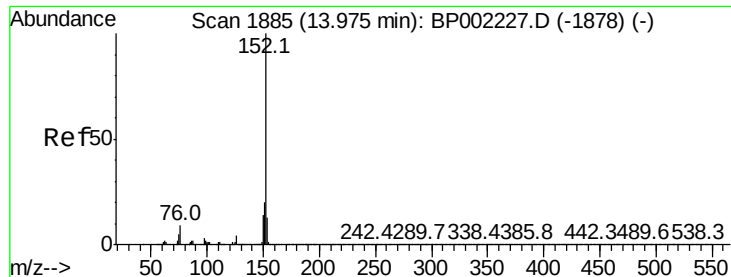
Tot Ion:162 Resp: 1379938  
Ion Ratio Lower Upper  
162 100  
127 37.9 30.2 45.4  
164 33.3 27.0 40.4



#48  
2-Nitroaniline  
Concen: 38.524 ng  
RT: 13.32 min Scan# 1774  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

Tgt Ion: 65 Resp: 408249  
Ion Ratio Lower Upper  
65 100  
92 71.7 55.6 83.4  
138 107.6 79.9 119.9





#49

Acenaphthylene

Concen: 40.165 ng

RT: 13.97 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

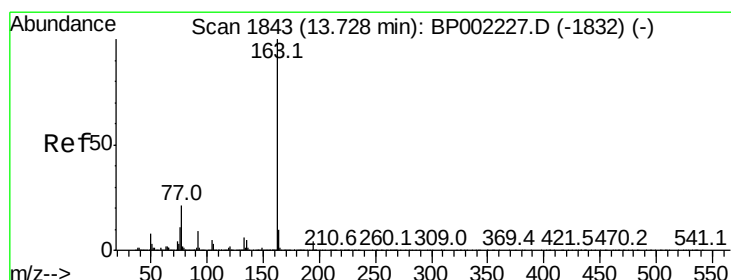
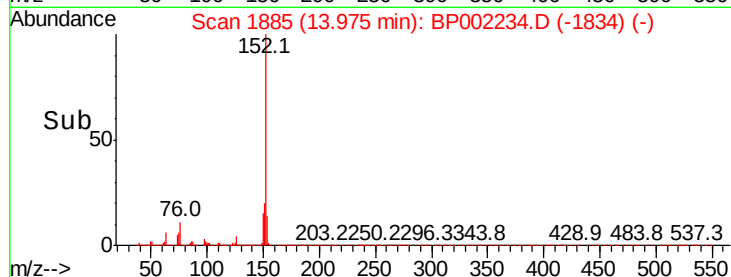
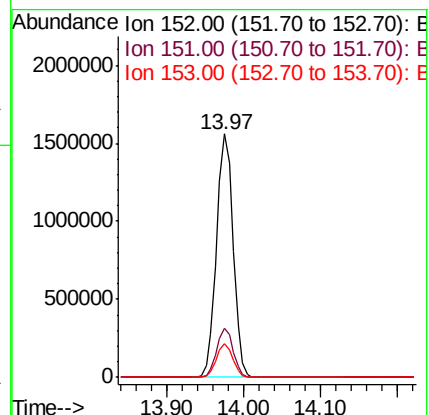
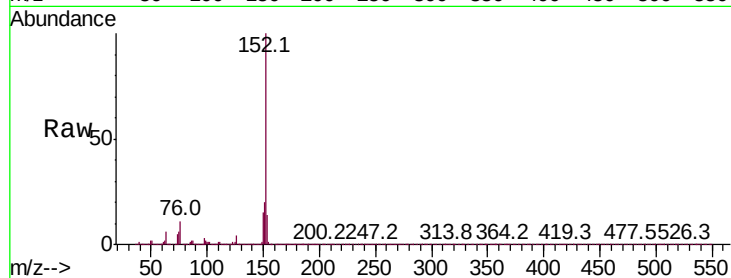
Tot Ion:152 Resp: 2299928

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.6 10.7 16.1



#50

Dimethylphthalate

Concen: 39.248 ng

RT: 13.73 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

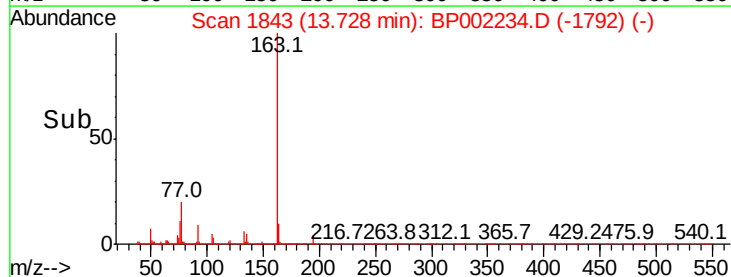
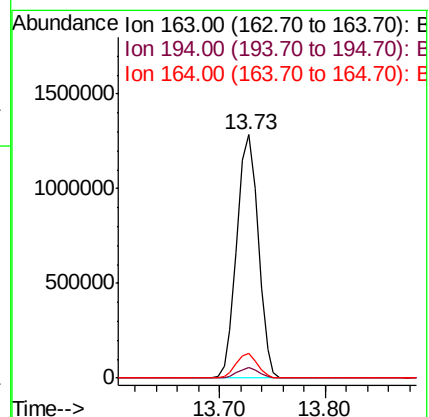
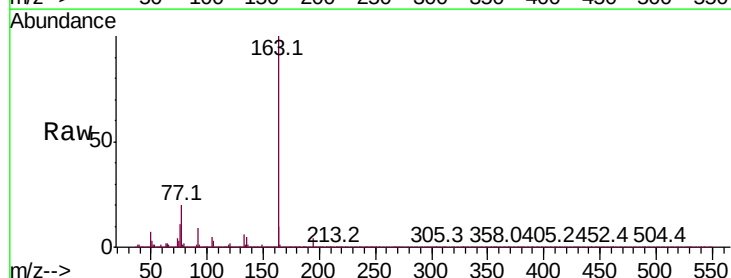
Tgt Ion:163 Resp: 1800637

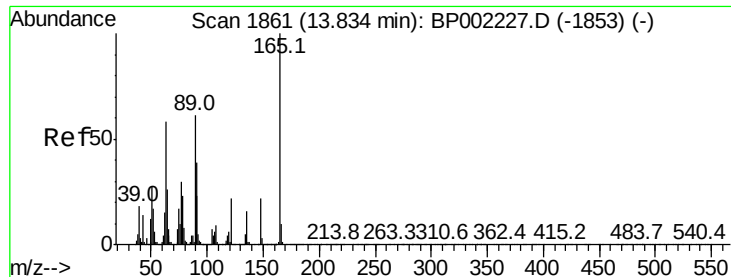
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 7.8 11.8

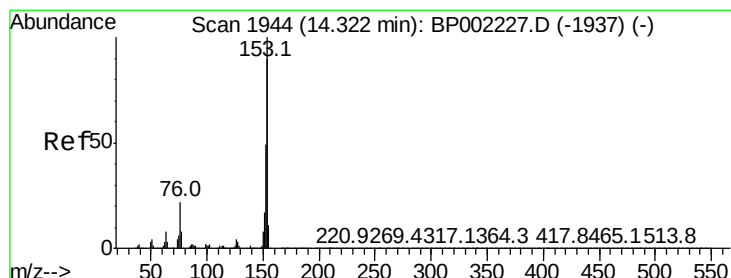
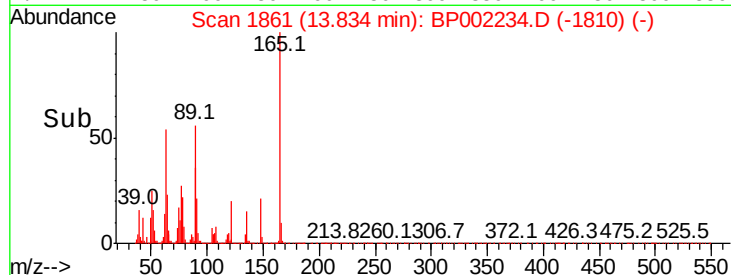
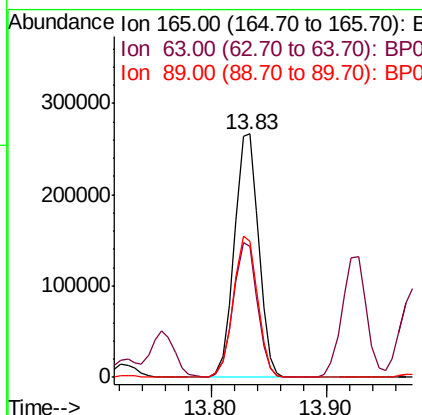
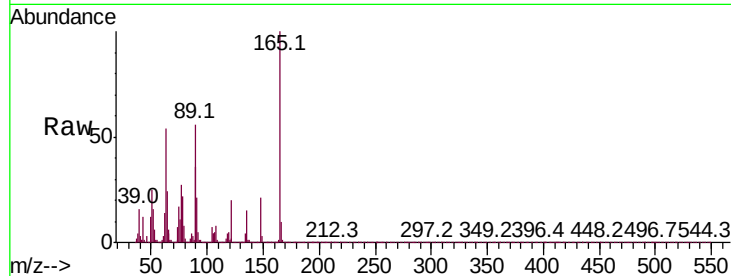




#51  
2,6-Dinitrotoluene  
Concen: 41.032 ng  
RT: 13.83 min Scan# 1861  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

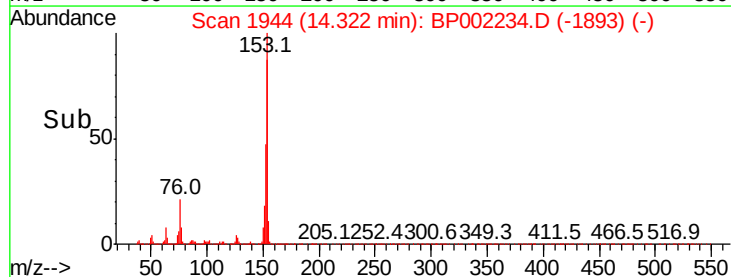
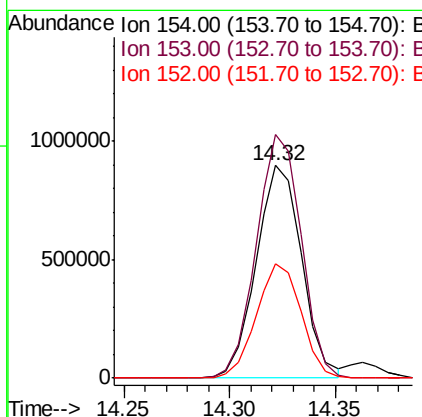
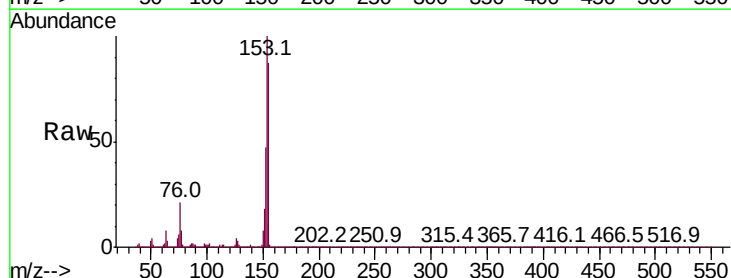
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

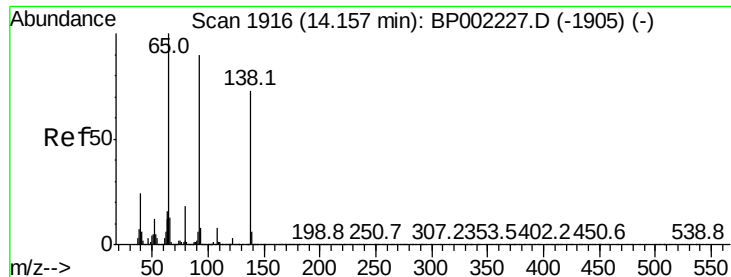
Tot Ion:165 Resp: 387520  
Ion Ratio Lower Upper  
165 100  
63 53.9 46.4 69.6  
89 55.8 49.1 73.7



#52  
Acenaphthene  
Concen: 37.183 ng  
RT: 14.32 min Scan# 1944  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

Tgt Ion:154 Resp: 1343534  
Ion Ratio Lower Upper  
154 100  
153 114.4 89.4 134.0  
152 53.9 43.4 65.2

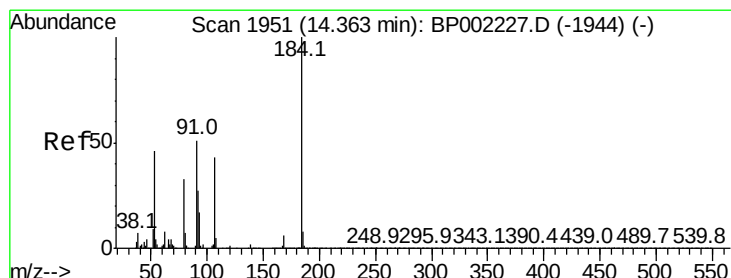
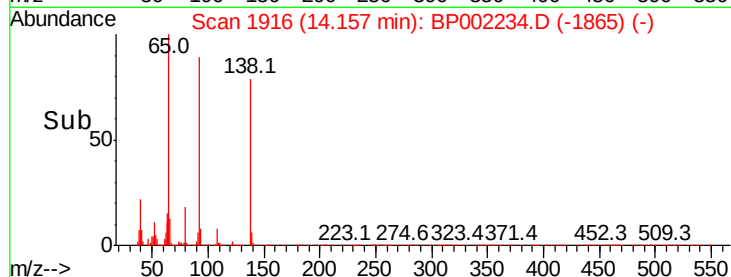
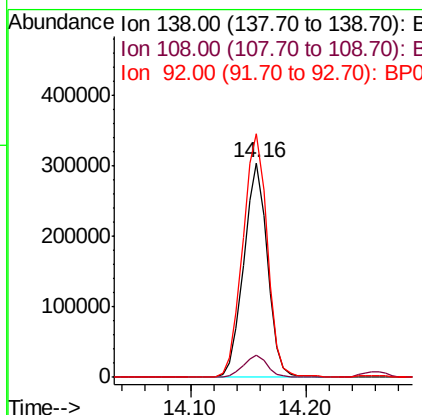
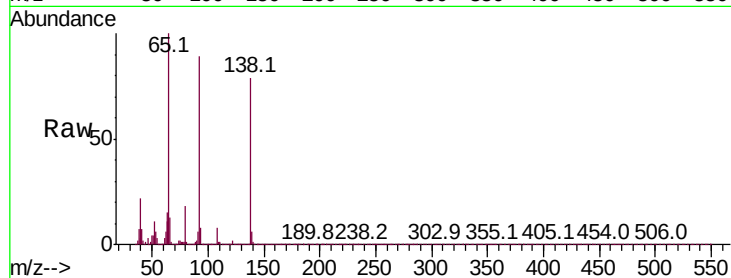




#53  
3-Nitroaniline  
Concen: 38.428 ng  
RT: 14.16 min Scan# 1916  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

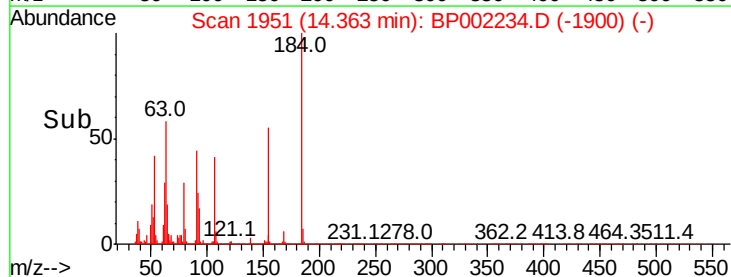
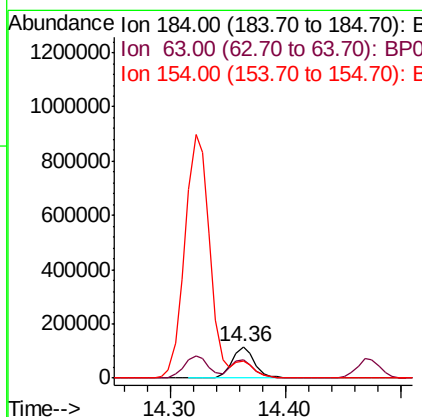
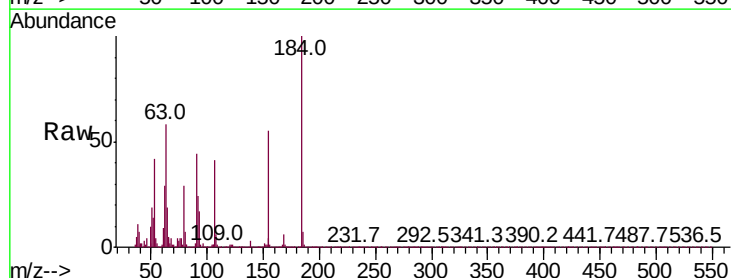
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

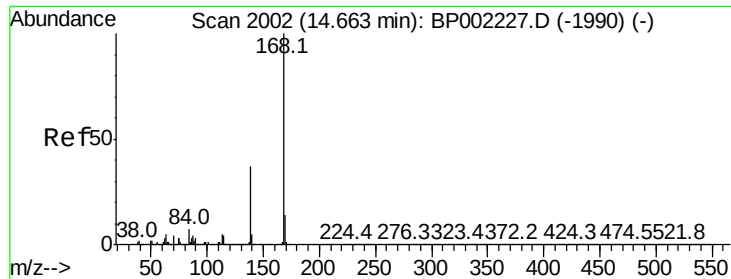
Tot Ion:138 Resp: 433487  
Ion Ratio Lower Upper  
138 100  
108 10.2 8.3 12.5  
92 113.4 98.5 147.7



#54  
2,4-Dinitrophenol  
Concen: 41.111 ng  
RT: 14.36 min Scan# 1951  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

Tgt Ion:184 Resp: 158709  
Ion Ratio Lower Upper  
184 100  
63 58.5 53.0 79.6  
154 55.3 47.4 71.2





#55

Dibenzofuran

Concen: 39.715 ng

RT: 14.66 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BP002234.D

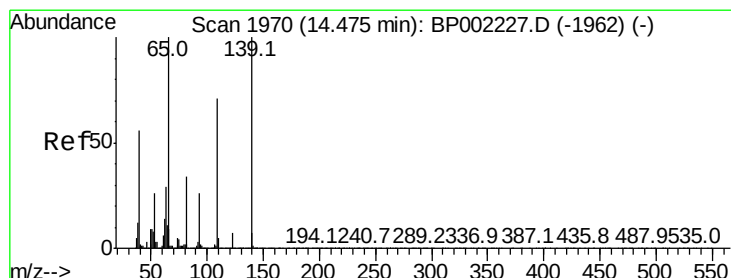
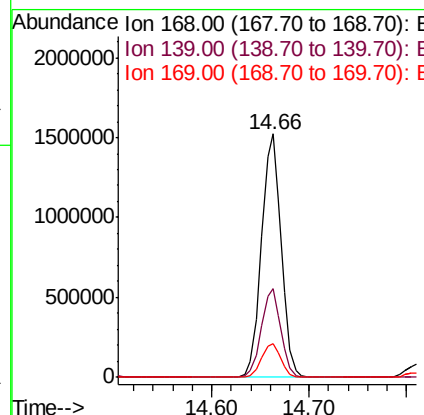
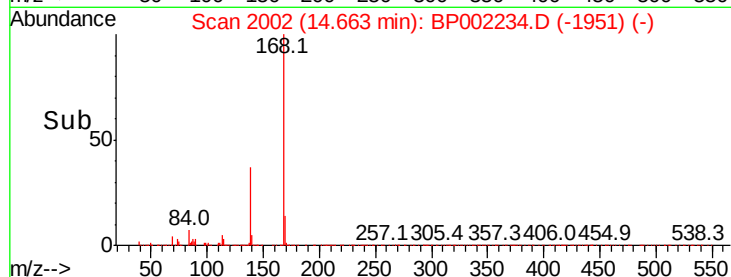
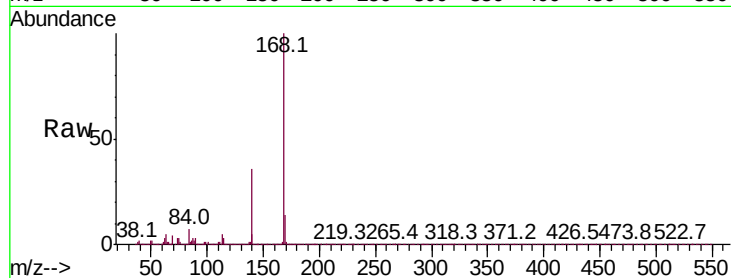
Acq: 05 May 2020 13:00

Instrument :  
BNA\_P

ClientSampleId :  
SSTDCCC040

Tot Ion:168 Resp: 2167242

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 36.4  | 29.3  | 43.9  |
| 169 | 13.9  | 11.0  | 16.6  |



#56

4-Nitrophenol

Concen: 41.494 ng

RT: 14.47 min Scan# 1970

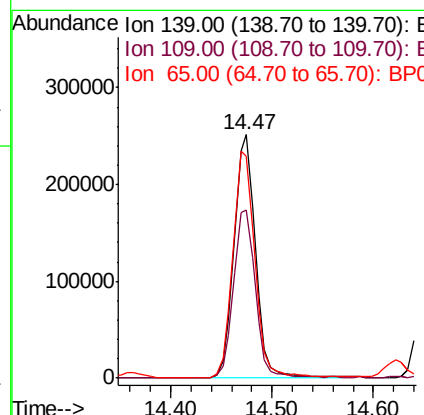
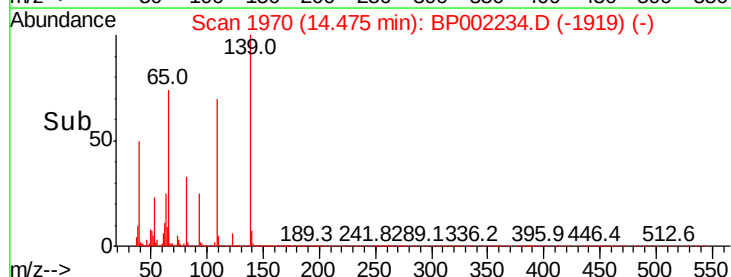
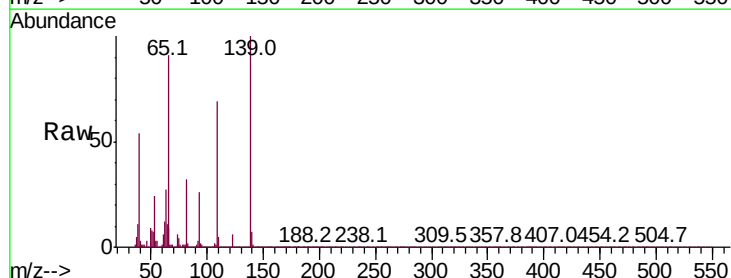
Delta R.T. 0.00 min

Lab File: BP002234.D

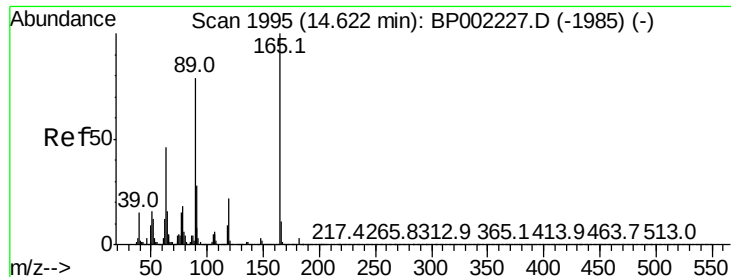
Acq: 05 May 2020 13:00

Tgt Ion:139 Resp: 371216

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 69.1  | 50.6  | 90.6  |
| 65  | 91.2  | 80.2  | 120.2 |



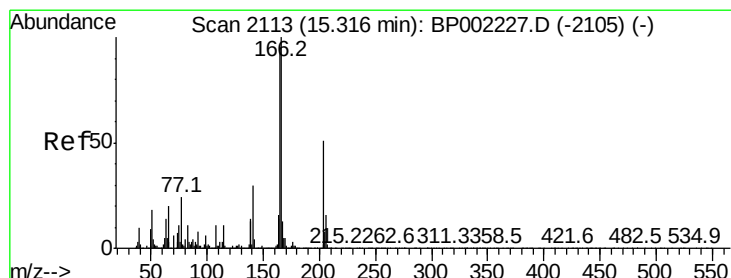
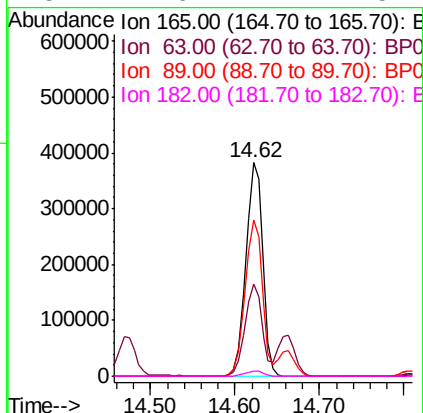
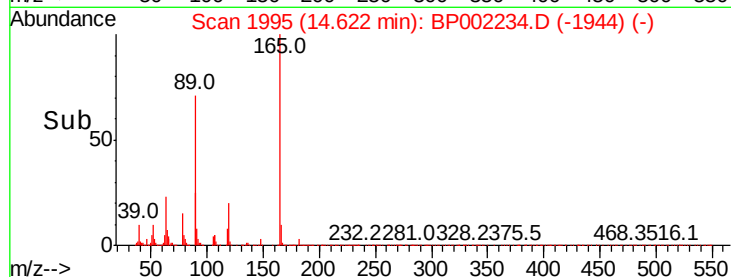
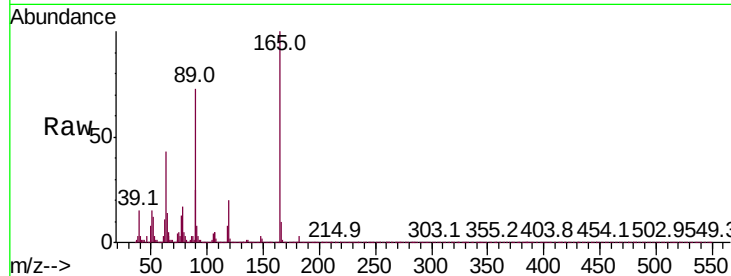




#57  
 2,4-Dinitrotoluene  
 Concen: 41.896 ng  
 RT: 14.62 min Scan# 1995  
 Delta R.T. 0.00 min  
 Lab File: BP002234.D  
 Acq: 05 May 2020 13:00

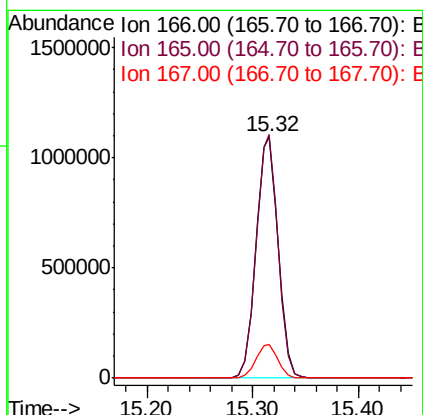
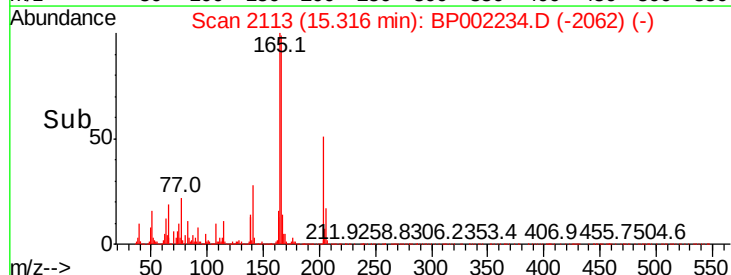
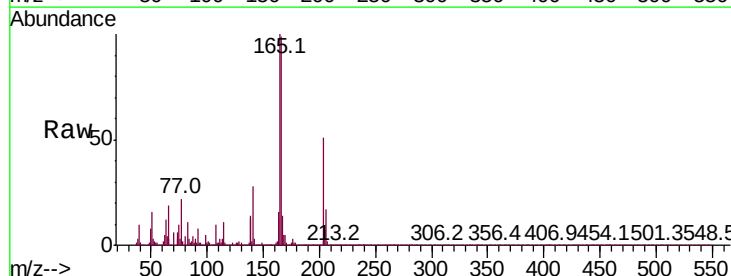
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDC040

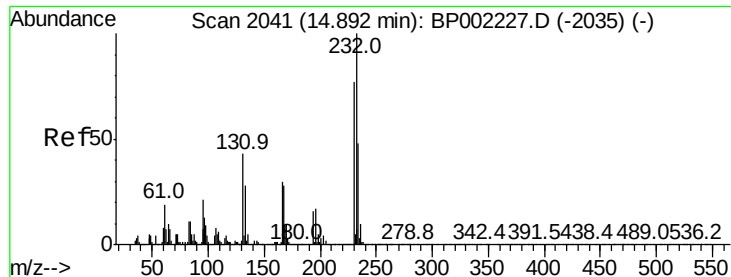
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.4  | 36.8  | 55.2  |
| 89      | 73.1  | 63.2  | 94.8  |
| 182     | 2.6   | 2.1   | 3.1   |



#58  
 Fluorene  
 Concen: 36.873 ng  
 RT: 15.32 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: BP002234.D  
 Acq: 05 May 2020 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.8 | 75.7  | 113.5 |
| 167     | 14.1  | 10.6  | 15.8  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.213 ng

RT: 14.89 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 482671

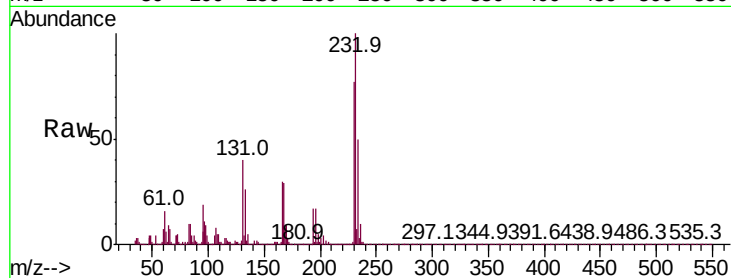
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 41.3  | 35.7  | 53.5  |
| 130 | 2.2   | 1.8   | 2.6   |
| 166 | 29.6  | 24.5  | 36.7  |

232 100

131 41.3 35.7 53.5

130 2.2 1.8 2.6

166 29.6 24.5 36.7

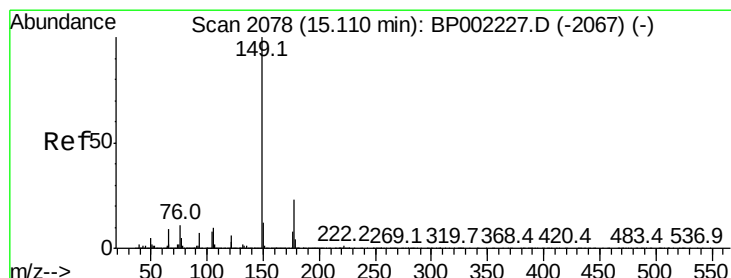
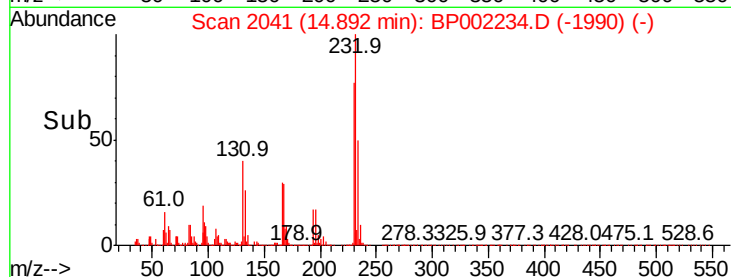
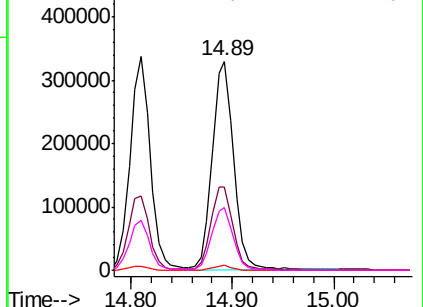


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.554 ng

RT: 15.11 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

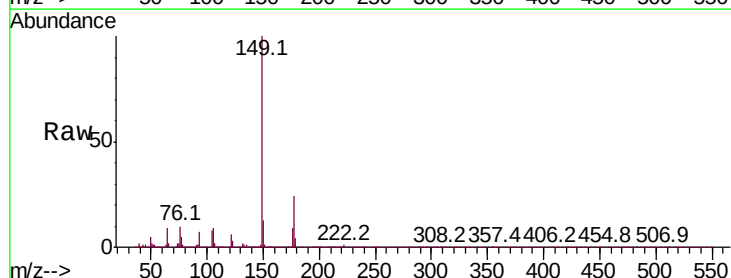
Tgt Ion:149 Resp: 1789277

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 23.8  | 18.2  | 27.2  |
| 150 | 13.0  | 9.8   | 14.8  |

149 100

177 23.8 18.2 27.2

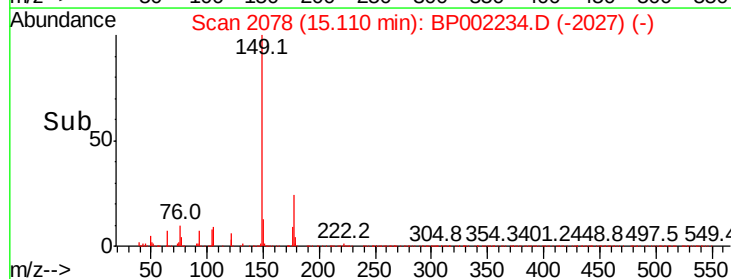
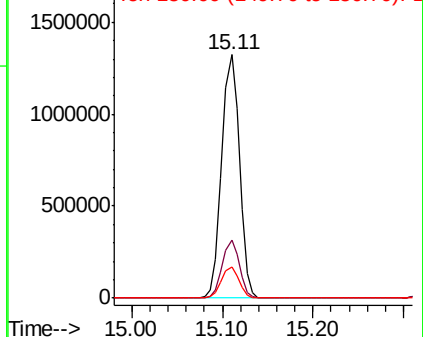
150 13.0 9.8 14.8

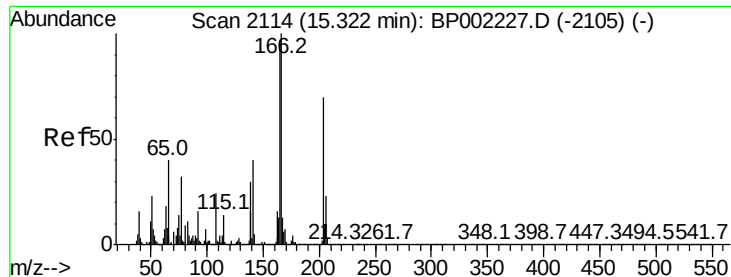


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

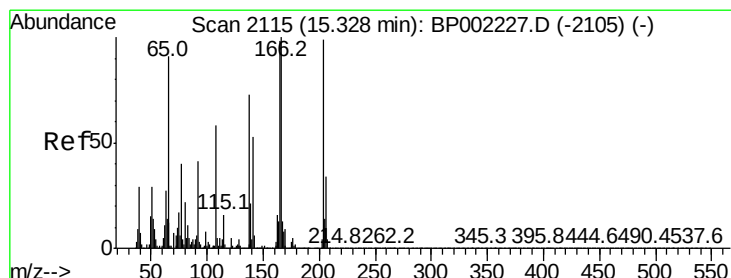
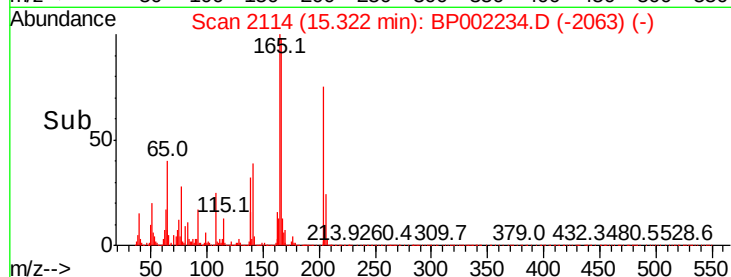
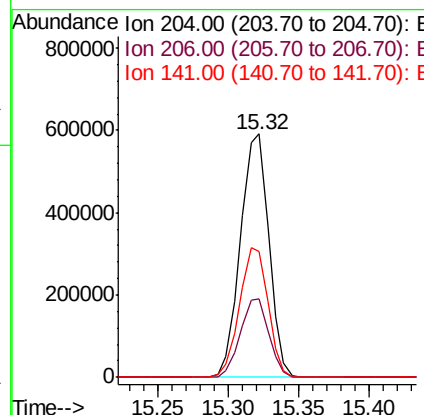
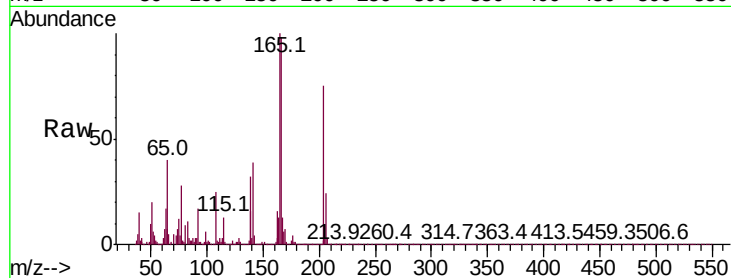




#61  
4-Chlorophenyl-phenylether  
Concen: 40.507 ng  
RT: 15.32 min Scan# 2114  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

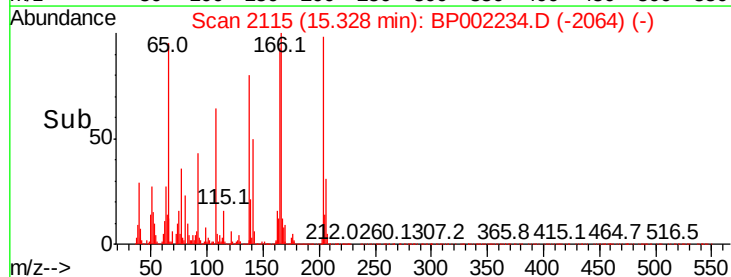
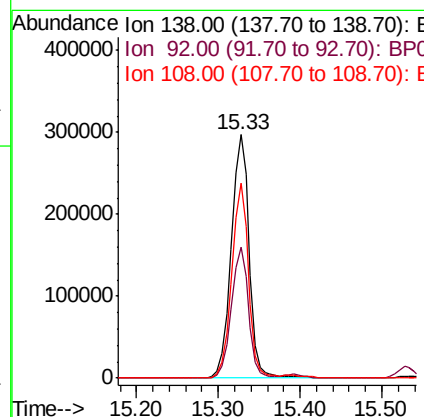
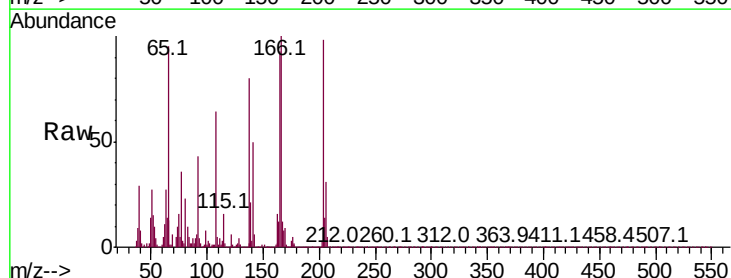
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

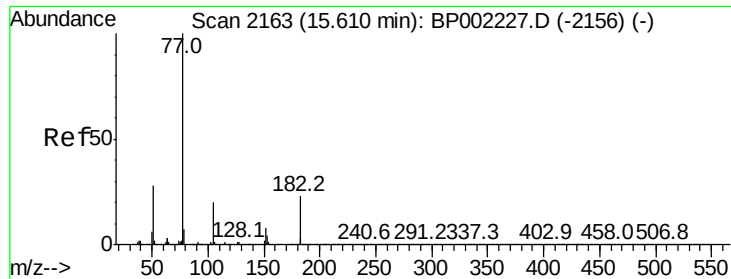
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.3  | 26.2  | 39.4  |
| 141     | 51.6  | 46.2  | 69.2  |



#62  
4-Nitroaniline  
Concen: 42.298 ng  
RT: 15.33 min Scan# 2115  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 53.8  | 35.3  | 75.3  |
| 108     | 79.9  | 59.2  | 99.2  |





#63

Azobenzene

Concen: 37.541 ng

RT: 15.61 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1824418

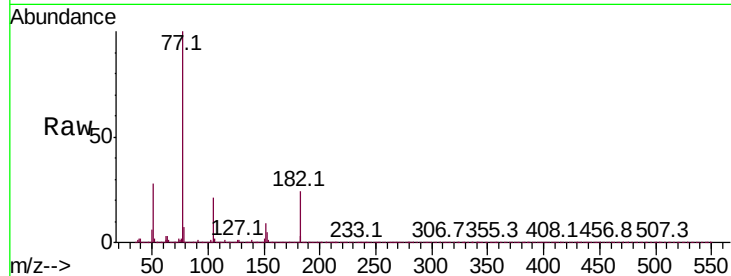
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 24.4  | 2.7   | 42.7  |
| 105 | 20.8  | 0.5   | 40.5  |
| 51  | 27.7  | 7.9   | 47.9  |

77 100

182 24.4 2.7 42.7

105 20.8 0.5 40.5

51 27.7 7.9 47.9



Abundance

Ion 77.00 (76.70 to 77.70): BP0

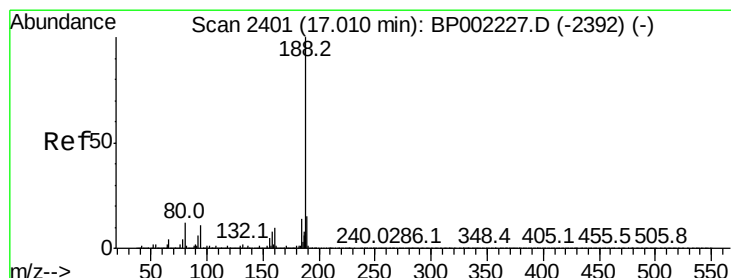
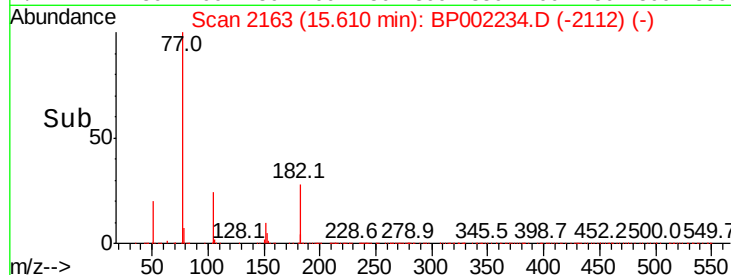
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0

15.61

Time--> 15.50 15.60 15.70



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

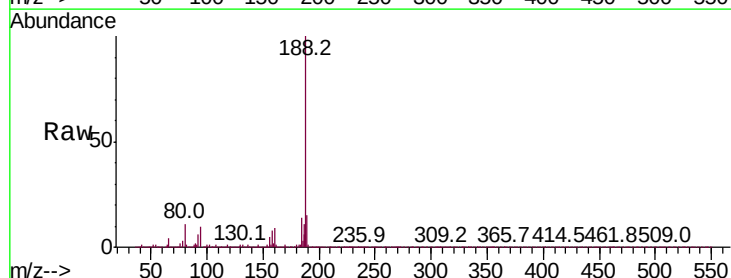
Tgt Ion: 188 Resp: 1343573

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.7   | 9.0   | 13.4  |
| 80  | 10.9  | 9.8   | 14.6  |

188 100

94 9.7 9.0 13.4

80 10.9 9.8 14.6



Abundance

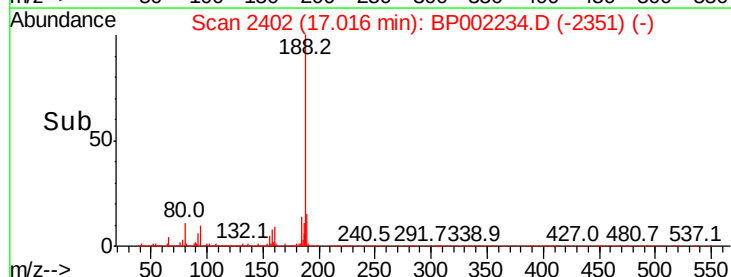
Ion 188.00 (187.70 to 188.70): E

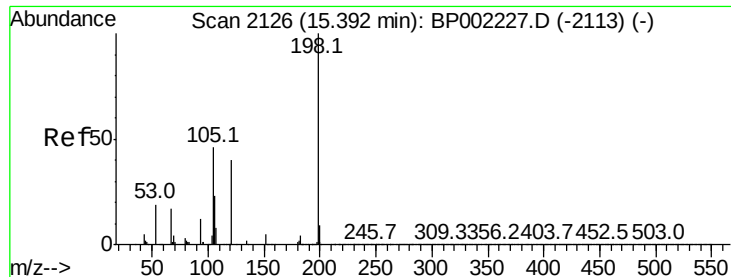
Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

17.02

Time--> 16.90 17.00 17.10

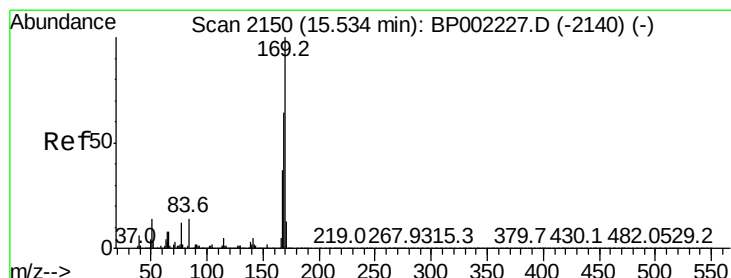
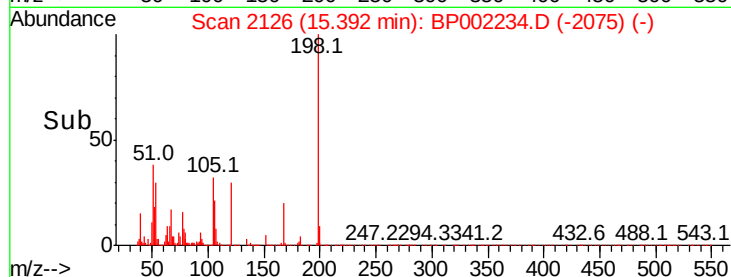
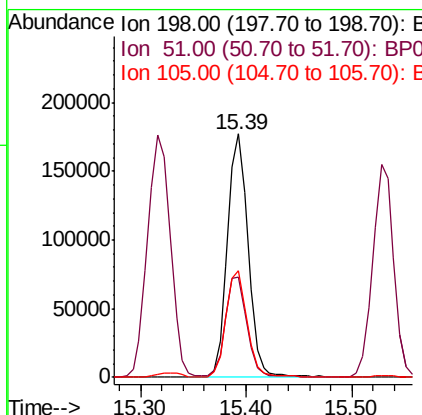
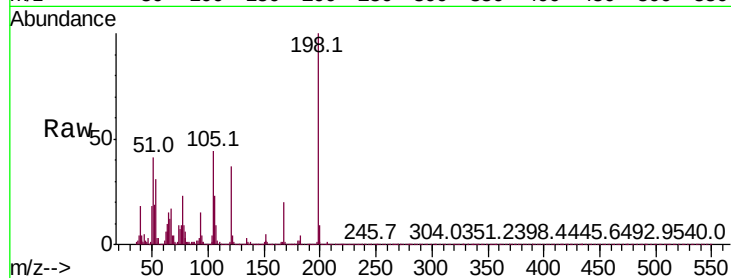




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.295 ng  
RT: 15.39 min Scan# 2126  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

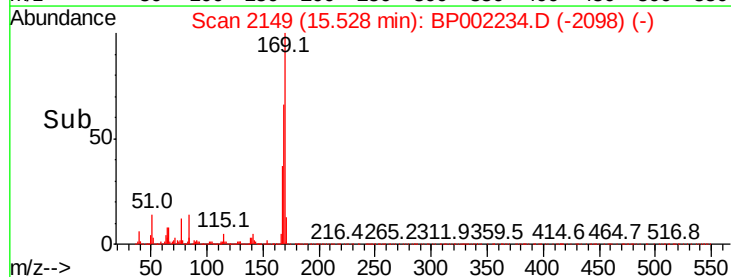
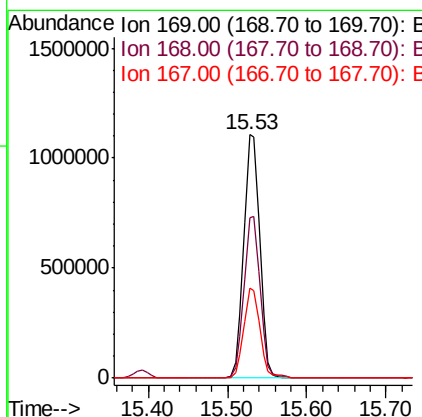
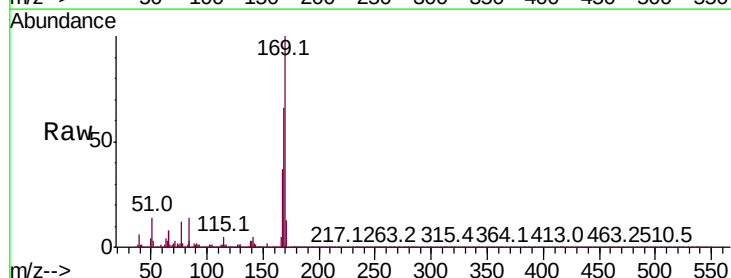
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

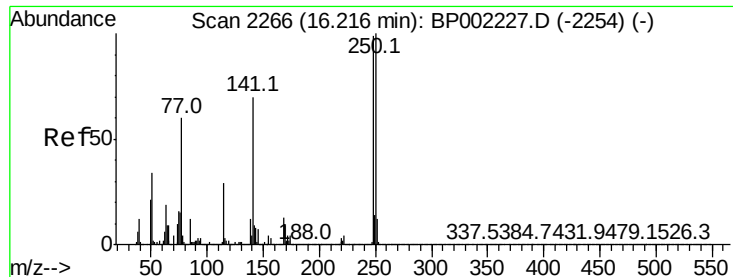
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 41.0  | 26.7  | 66.7  |
| 105     | 43.9  | 27.5  | 67.5  |



#66  
n-Nitrosodiphenylamine  
Concen: 39.483 ng  
RT: 15.53 min Scan# 2149  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 65.8  | 51.2  | 76.8  |
| 167     | 36.8  | 29.6  | 44.4  |

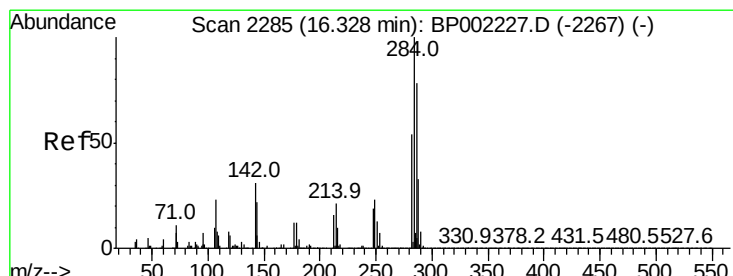
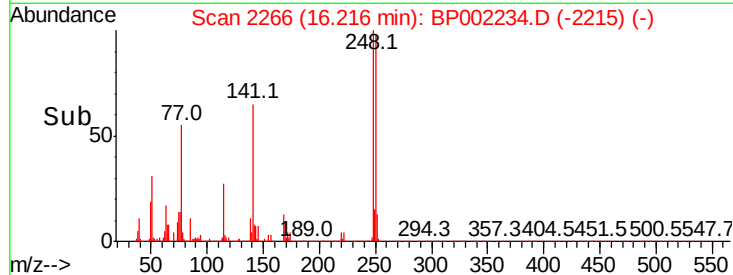
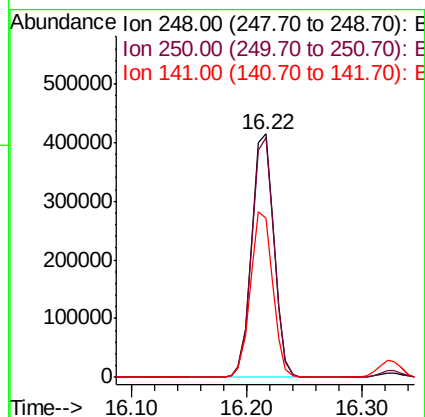
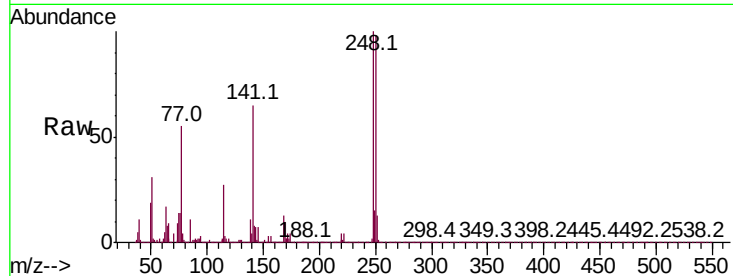




#67  
 4-Bromophenyl-phenylether  
 Concen: 38.969 ng  
 RT: 16.22 min Scan# 2266  
 Delta R.T. 0.00 min  
 Lab File: BP002234.D  
 Acq: 05 May 2020 13:00

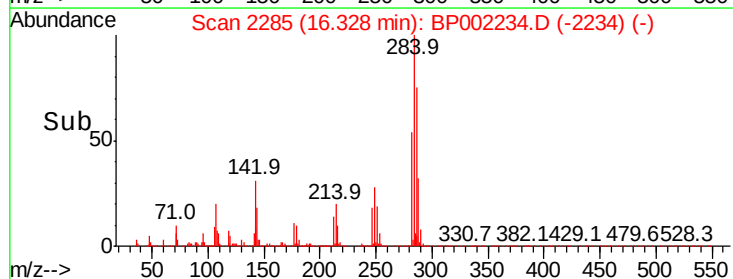
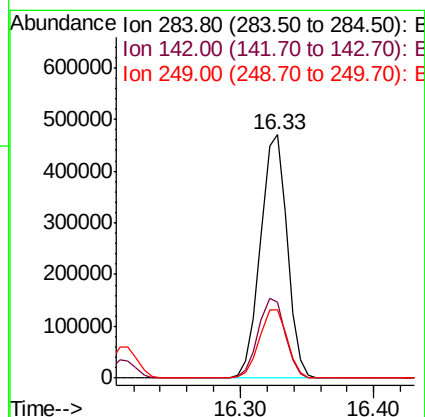
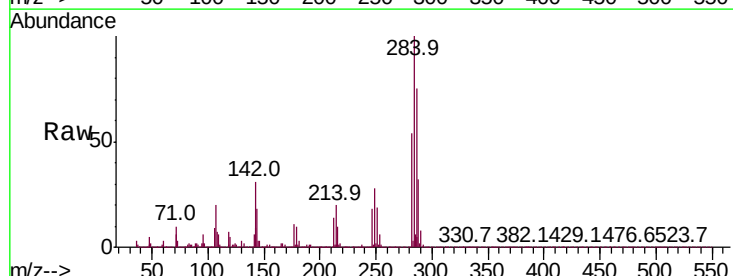
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDC040

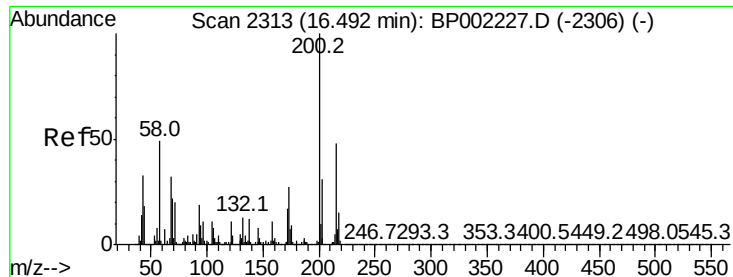
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.3  | 80.6  | 120.8 |
| 141     | 65.3  | 56.0  | 84.0  |



#68  
 Hexachlorobenzene  
 Concen: 42.717 ng  
 RT: 16.33 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: BP002234.D  
 Acq: 05 May 2020 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.2  | 29.3  | 43.9  |
| 249     | 27.9  | 25.7  | 38.5  |





#69

Atrazine

Concen: 55.332 ng

RT: 16.49 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

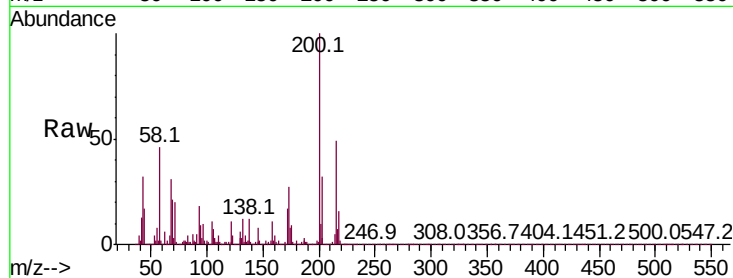
Tot Ion:200 Resp: 561218

Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

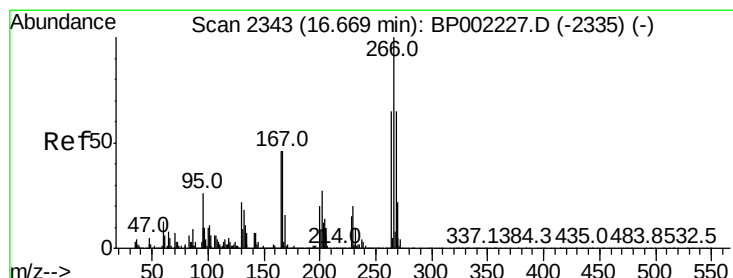
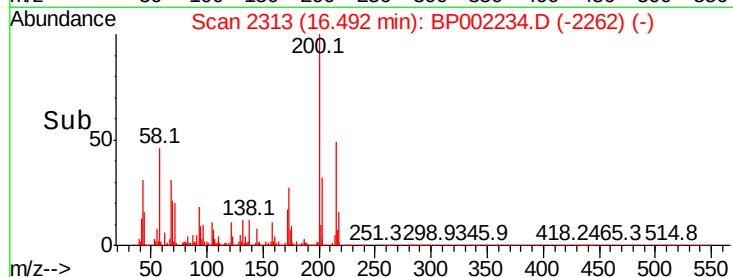
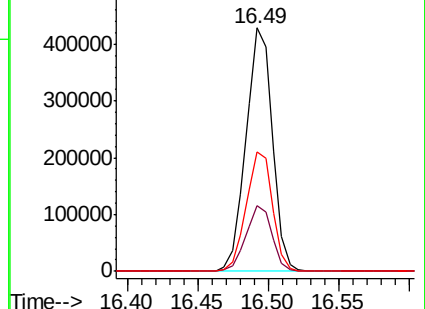
215 49.3 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 44.806 ng

RT: 16.67 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

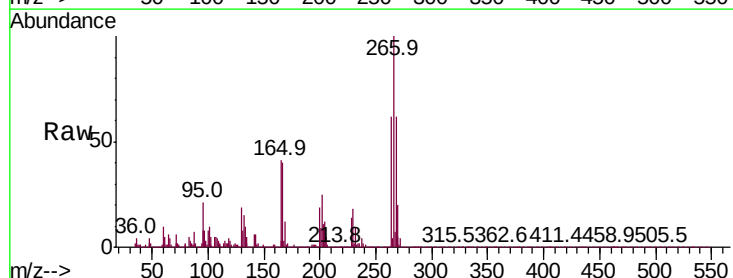
Tgt Ion:266 Resp: 408265

Ion Ratio Lower Upper

266 100

268 62.1 51.7 77.5

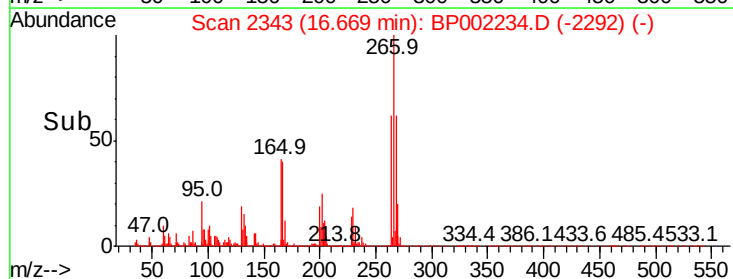
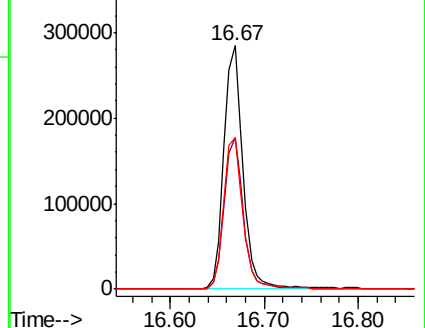
264 62.4 52.4 78.6

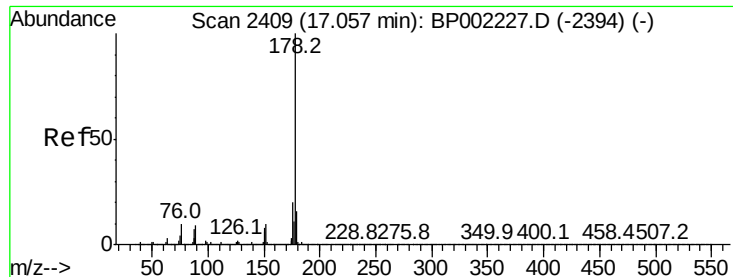


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.093 ng

RT: 17.06 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

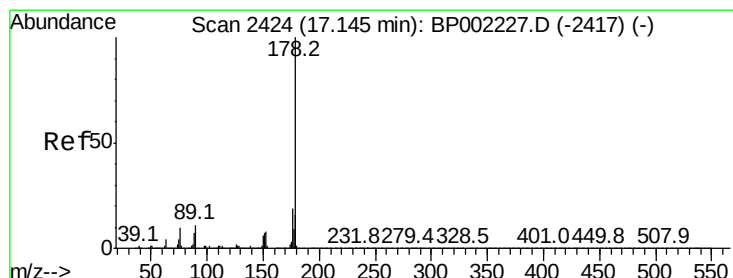
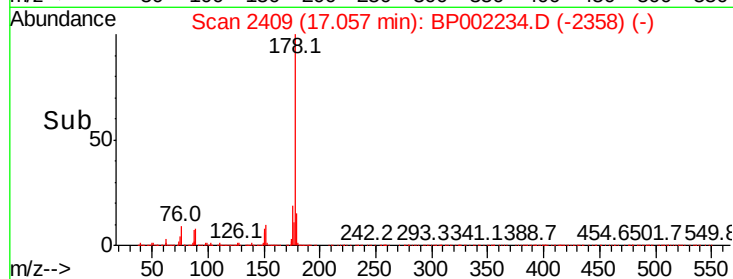
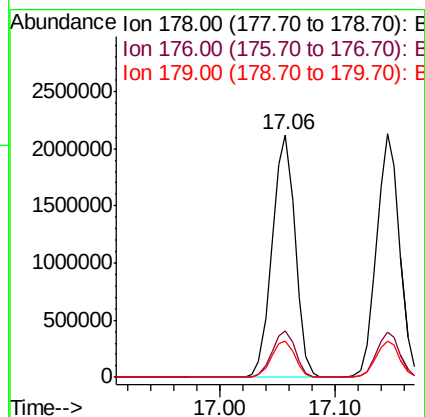
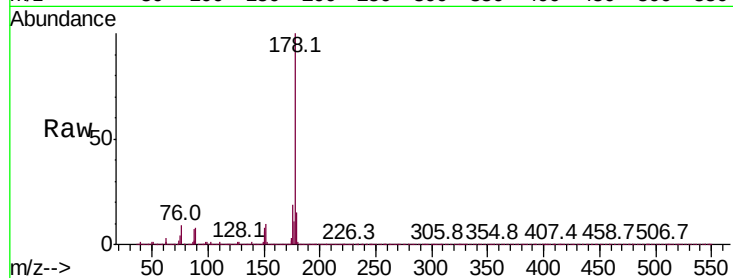
Tot Ion:178 Resp: 2953792

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

179 14.9 12.6 18.8



#72

Anthracene

Concen: 40.085 ng

RT: 17.15 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

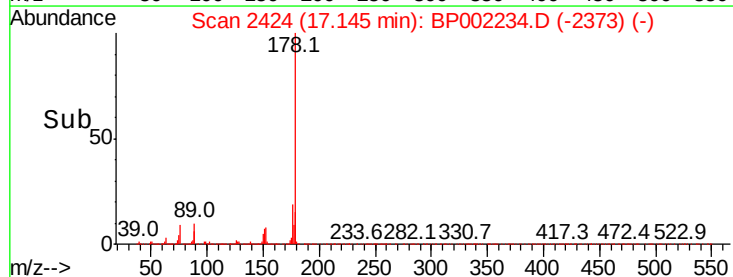
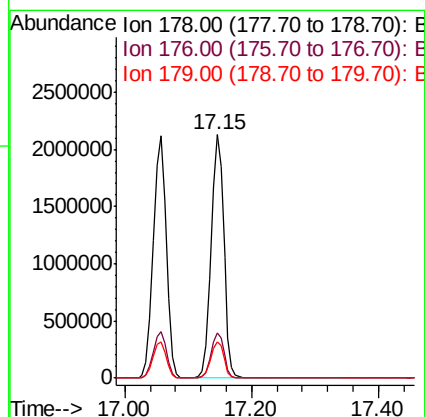
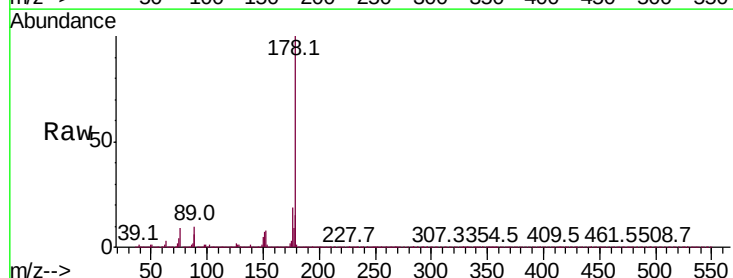
Tgt Ion:178 Resp: 2984165

Ion Ratio Lower Upper

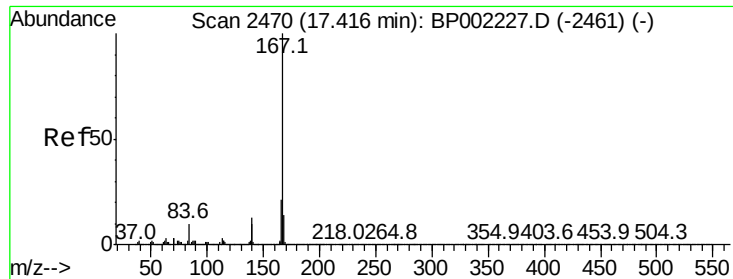
178 100

176 18.7 15.6 23.4

179 15.1 12.6 18.8



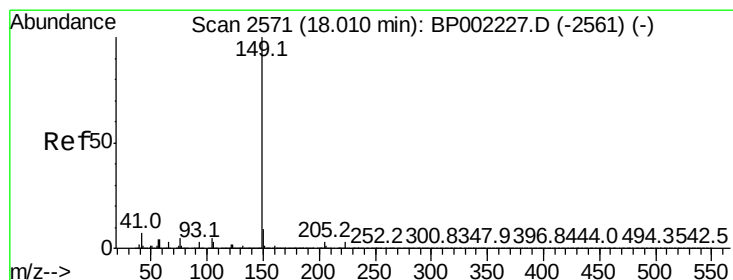
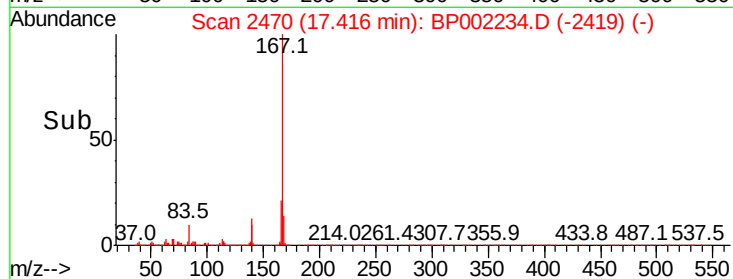
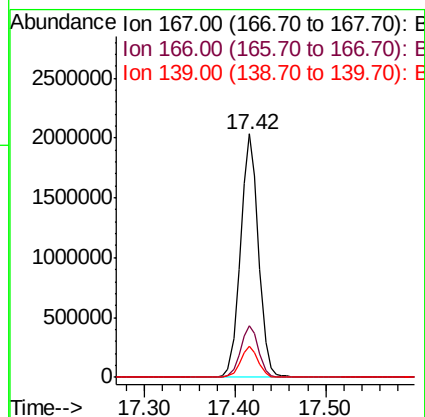
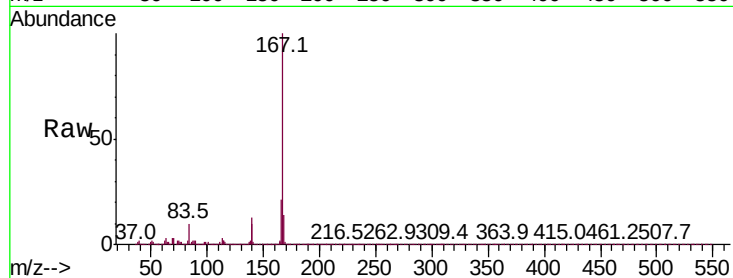




#73  
 Carbazole  
 Concen: 39.335 ng  
 RT: 17.42 min Scan# 2470  
 Delta R.T. 0.00 min  
 Lab File: BP002234.D  
 Acq: 05 May 2020 13:00

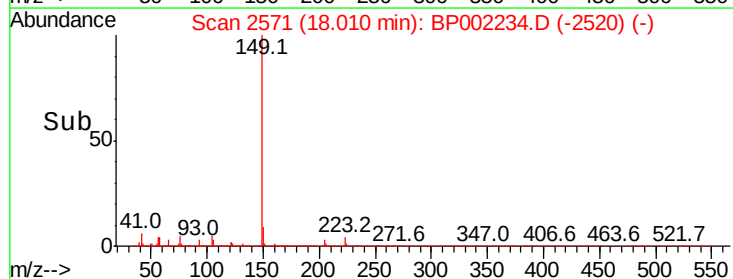
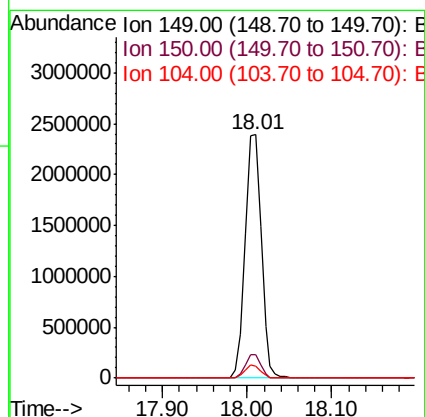
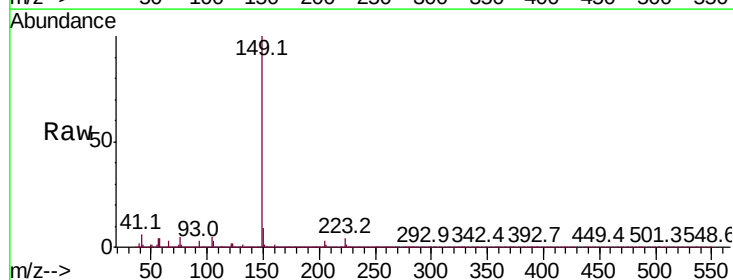
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

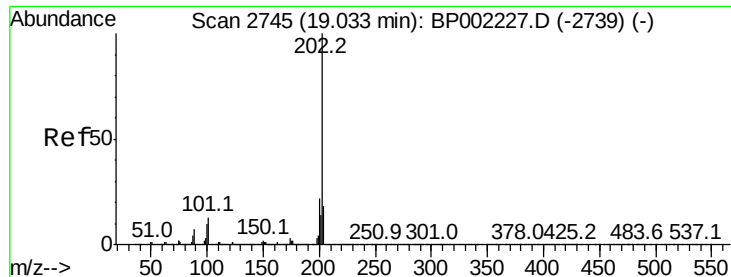
Tot Ion:167 Resp: 2829444  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 16.5 24.7  
 139 12.7 10.1 15.1



#74  
 Di-n-butylphthalate  
 Concen: 38.799 ng  
 RT: 18.01 min Scan# 2571  
 Delta R.T. 0.00 min  
 Lab File: BP002234.D  
 Acq: 05 May 2020 13:00

Tgt Ion:149 Resp: 3148604  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.4 11.0  
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 40.311 ng

RT: 19.03 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

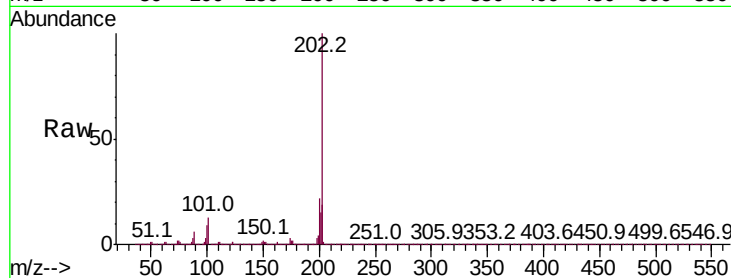
BNA\_P

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 3494267

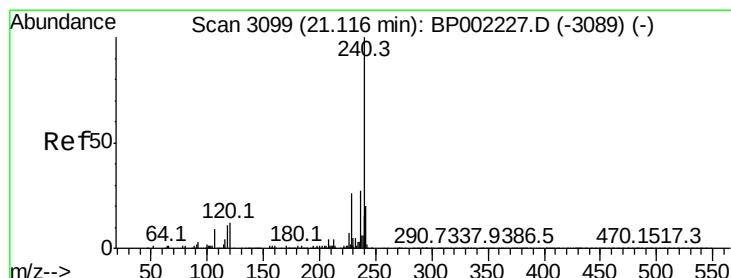
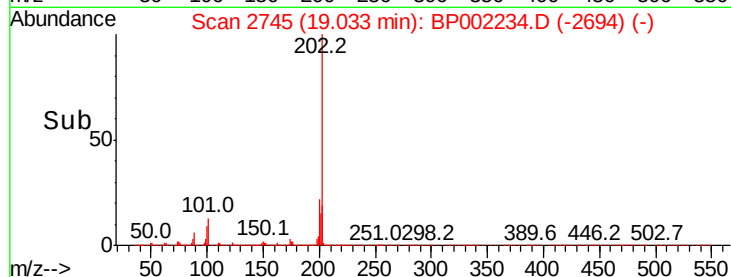
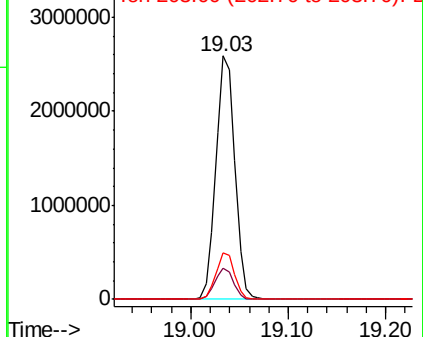
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 12.6  | 0.0   | 33.3  |
| 203 | 19.0  | 0.0   | 38.2  |



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: 21.12 min Scan# 3099

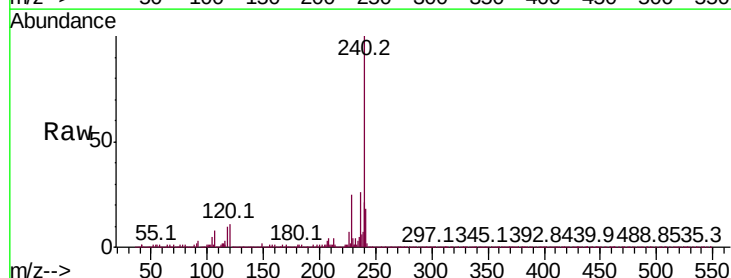
Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:240 Resp: 1391908

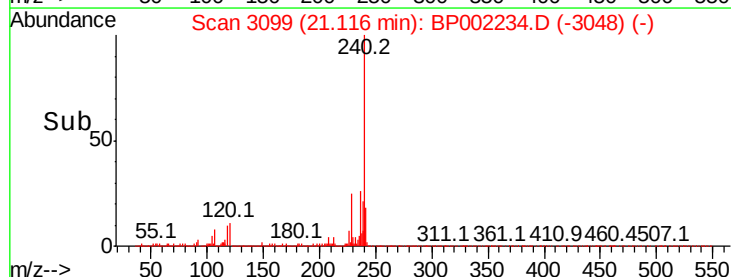
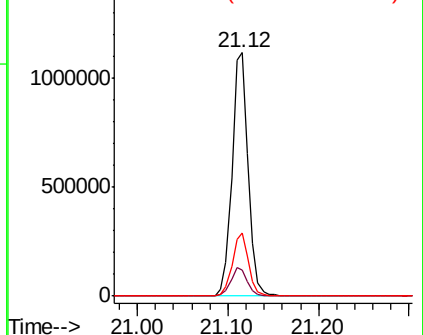
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 10.7  | 9.4   | 14.0  |
| 236 | 25.8  | 21.8  | 32.6  |

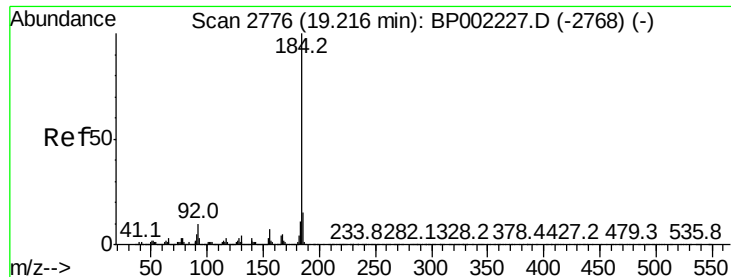


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.712 ng

RT: 19.22 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

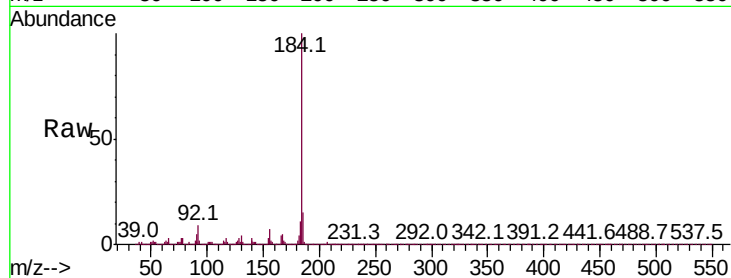
BNA\_P

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1737317

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.0  | 11.9  | 17.9  |
| 183 | 11.3  | 9.1   | 13.7  |

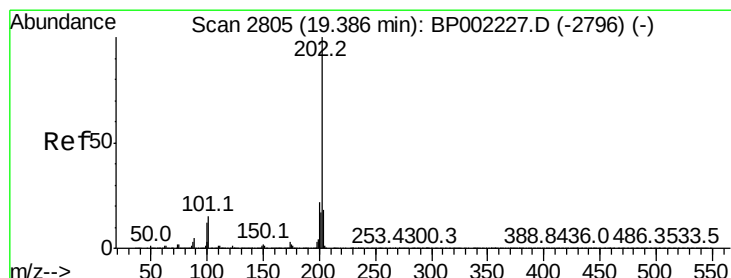
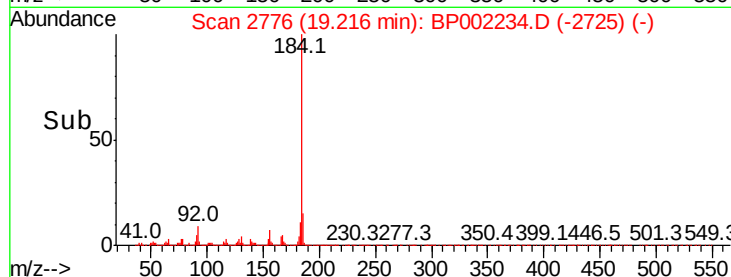
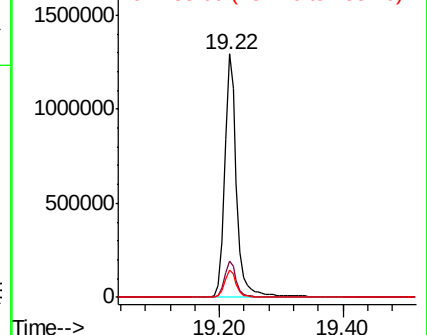


Abundance

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: 39.635 ng

RT: 19.39 min Scan# 2805

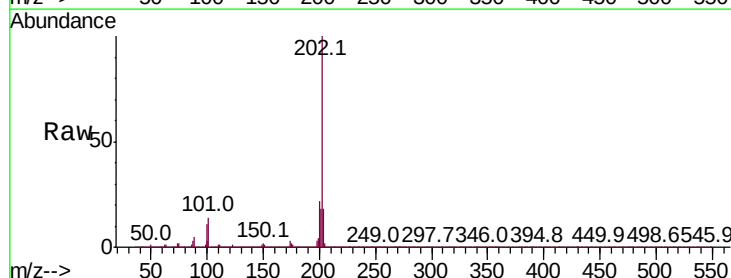
Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:202 Resp: 3747548

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.4  | 17.3  | 25.9  |
| 203 | 18.5  | 14.2  | 21.2  |

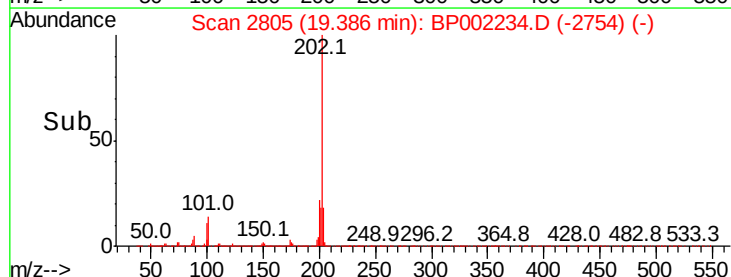
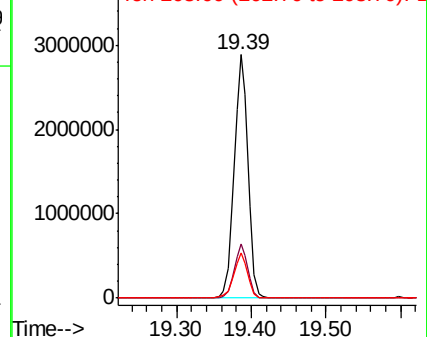


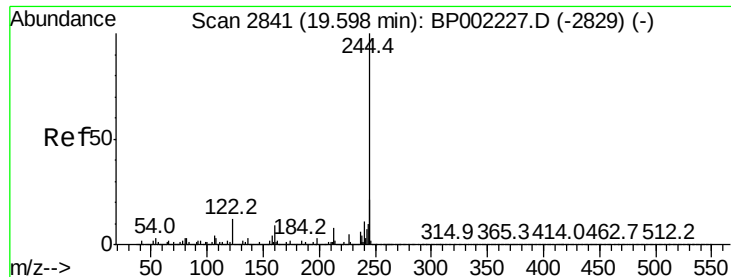
Abundance

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: 81.459 ng

RT: 19.60 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

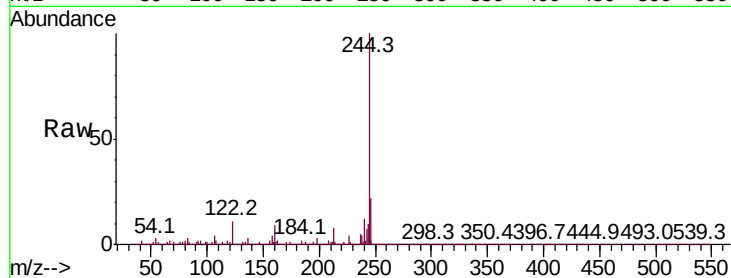
Tot Ion:244 Resp: 4626703

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

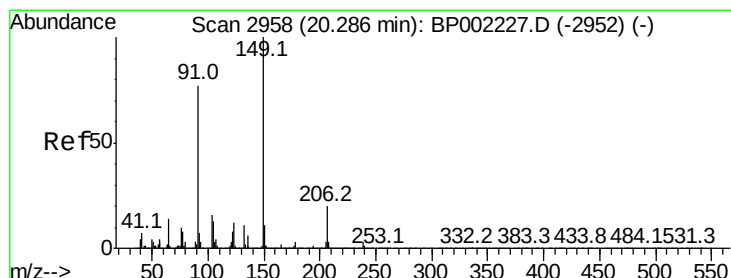
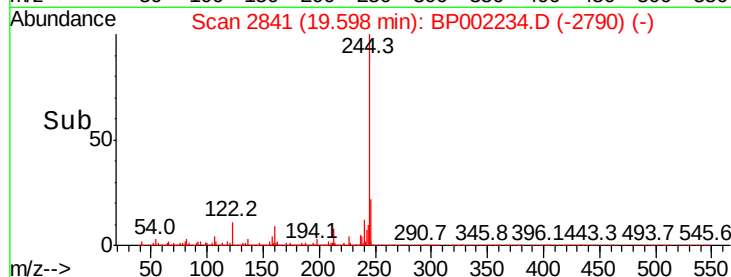
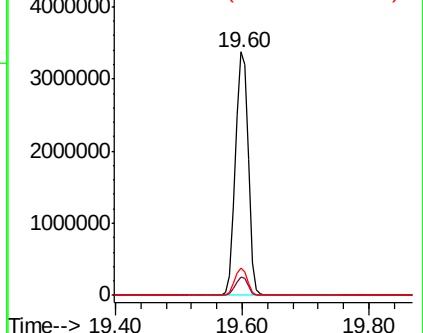
122 11.0 9.5 14.3



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



#80

Butylbenzylphthalate

Concen: 39.227 ng

RT: 20.29 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

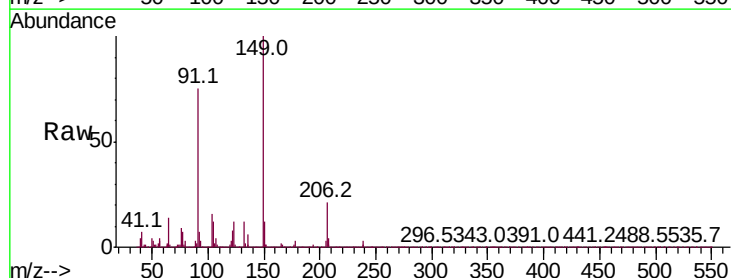
Tgt Ion:149 Resp: 1202545

Ion Ratio Lower Upper

149 100

91 75.2 61.8 92.8

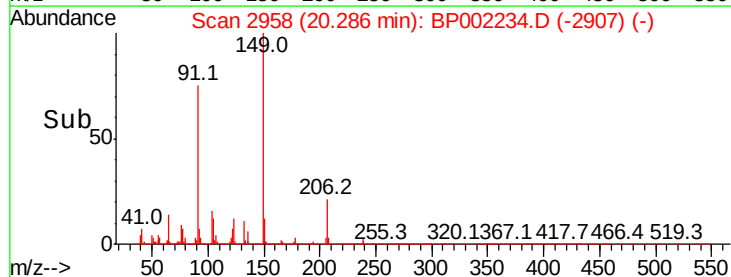
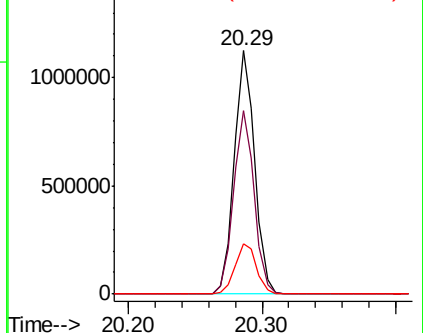
206 20.8 16.0 24.0

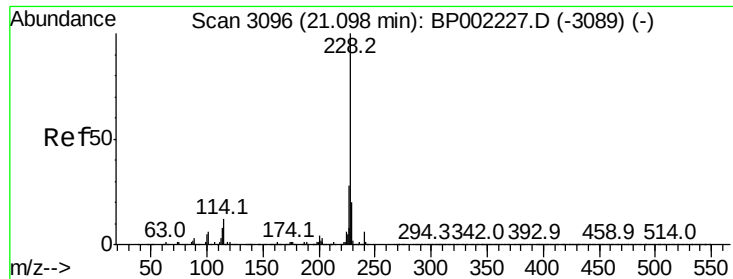


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.495 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.00 min

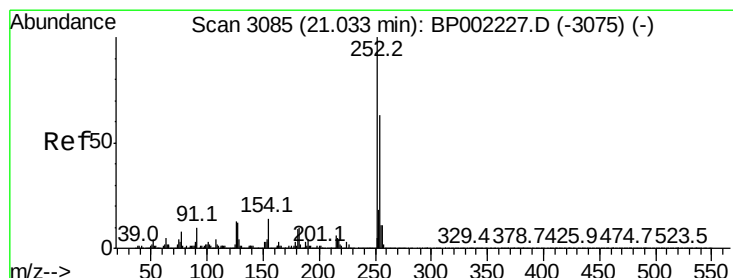
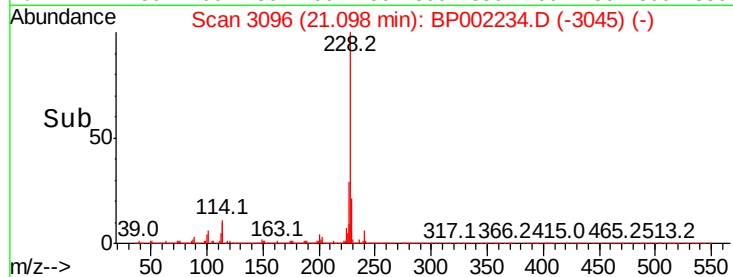
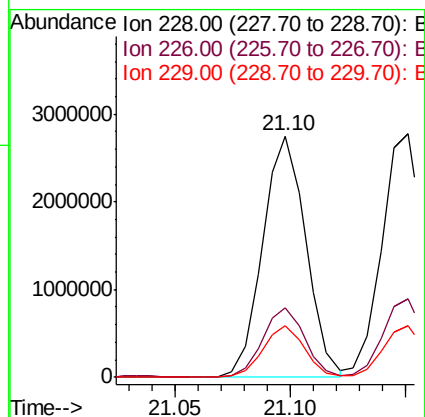
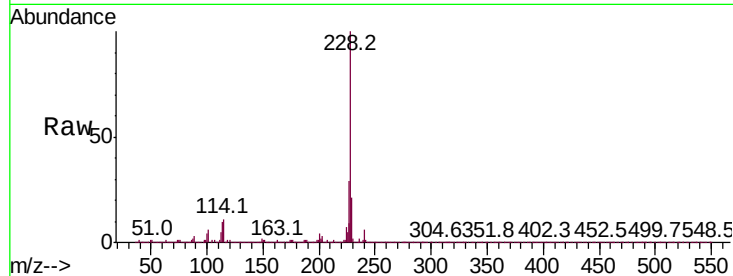
Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tot Ion:228 Resp: 3565991

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.9  | 22.1  | 33.1  |
| 229 | 21.4  | 15.8  | 23.8  |



#82

3,3'-Dichlorobenzidine

Concen: 45.984 ng

RT: 21.03 min Scan# 3085

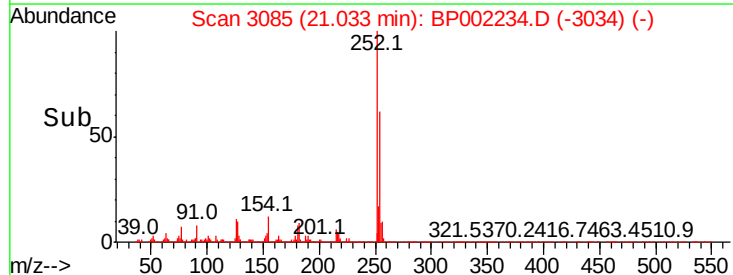
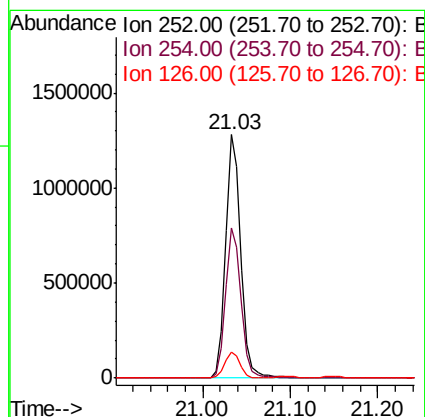
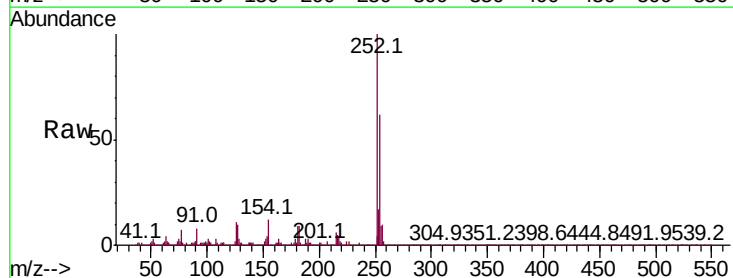
Delta R.T. 0.00 min

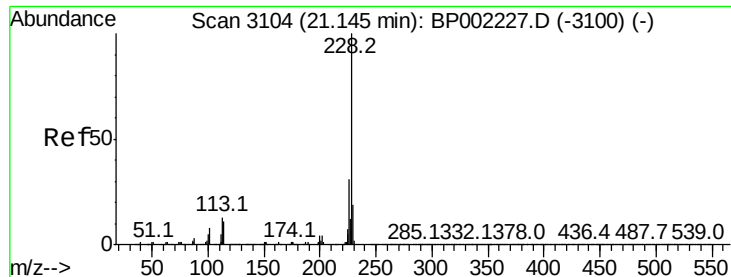
Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:252 Resp: 1542593

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 61.7  | 50.2  | 75.4  |
| 126 | 10.7  | 10.0  | 15.0  |



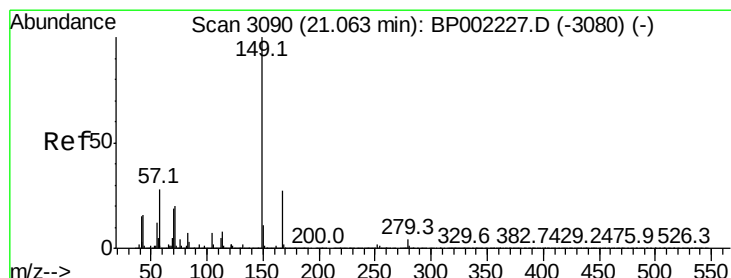
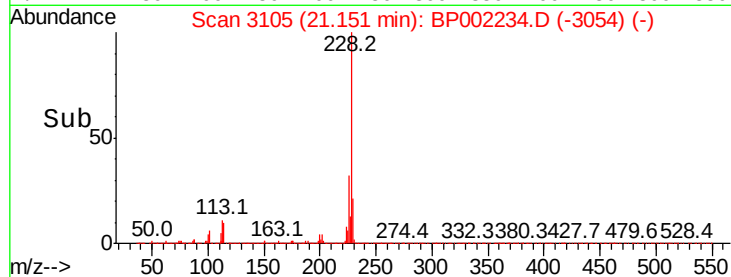
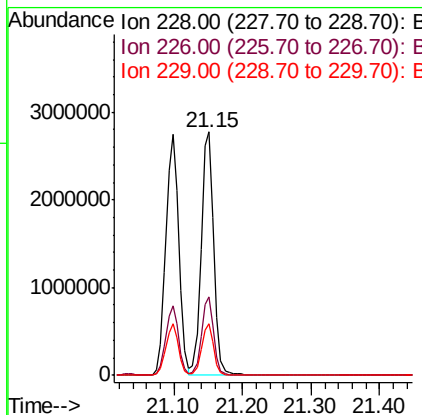
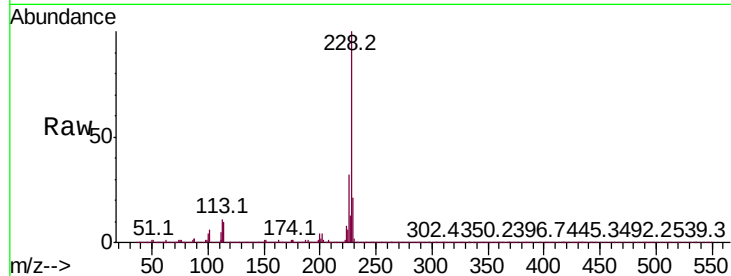


#83  
 Chrysene  
 Concen: 40.639 ng  
 RT: 21.15 min Scan# 3105  
 Delta R.T. 0.00 min  
 Lab File: BP002234.D  
 Acq: 05 May 2020 13:00

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:228 Resp: 3603578  

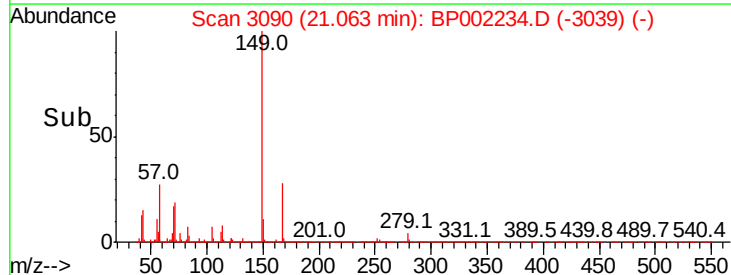
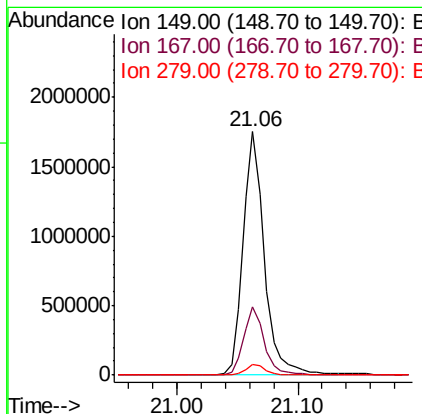
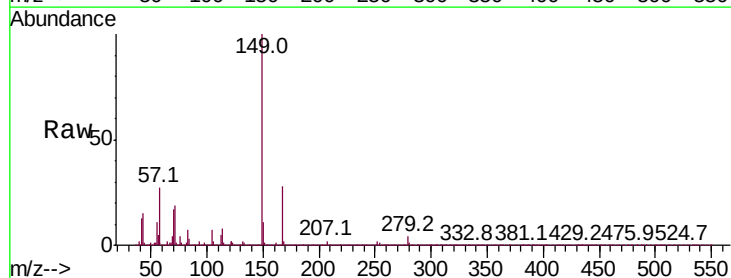
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.4  | 24.9  | 37.3  |
| 229 | 21.0  | 15.1  | 22.7  |

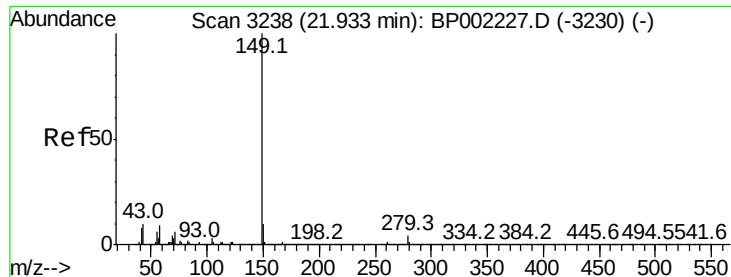


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.540 ng  
 RT: 21.06 min Scan# 3090  
 Delta R.T. 0.00 min  
 Lab File: BP002234.D  
 Acq: 05 May 2020 13:00

Tgt Ion:149 Resp: 2154883  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.2  | 21.4  | 32.0  |
| 279 | 4.2   | 2.8   | 4.2   |

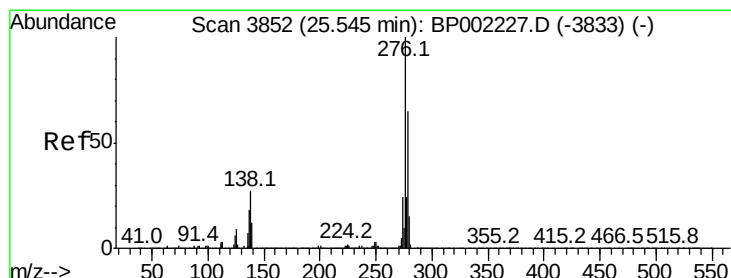
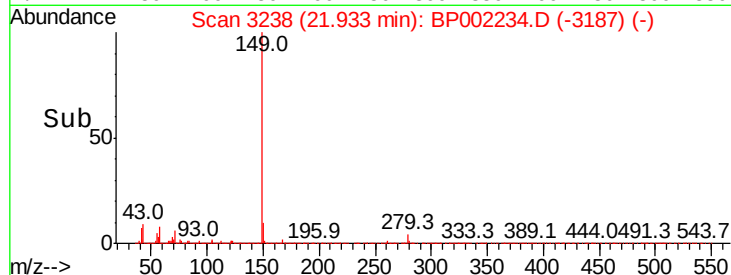
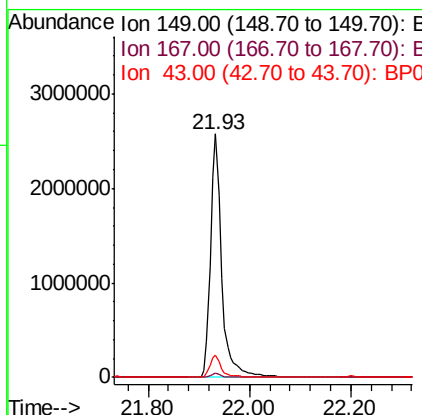
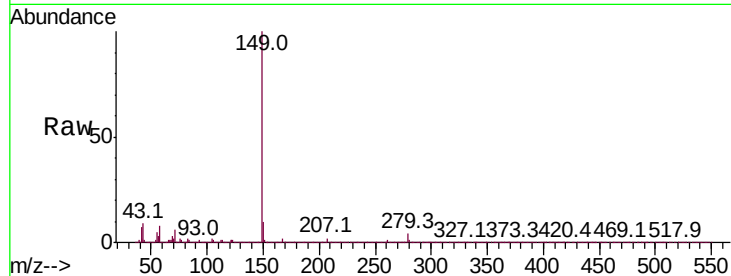




#85  
Di-n-octyl phthalate  
Concen: 40.288 ng  
RT: 21.93 min Scan# 3238  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

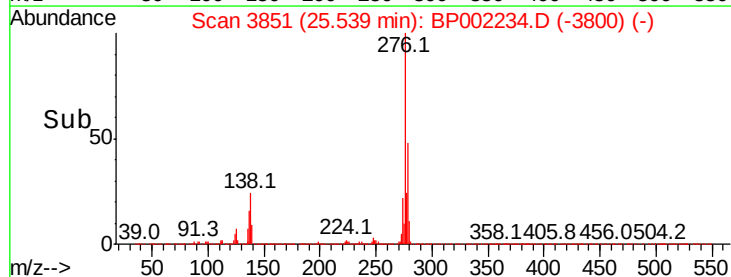
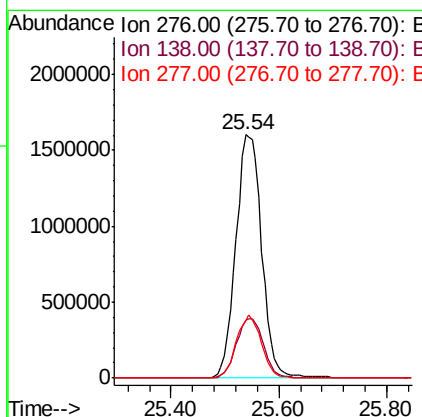
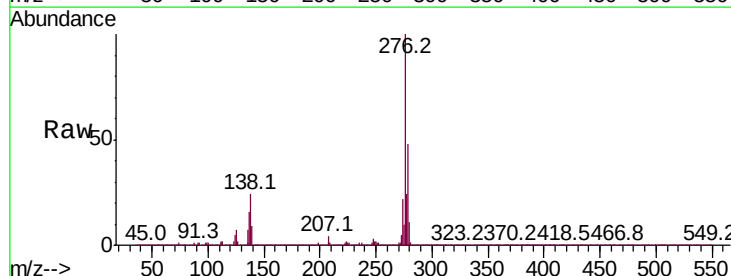
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

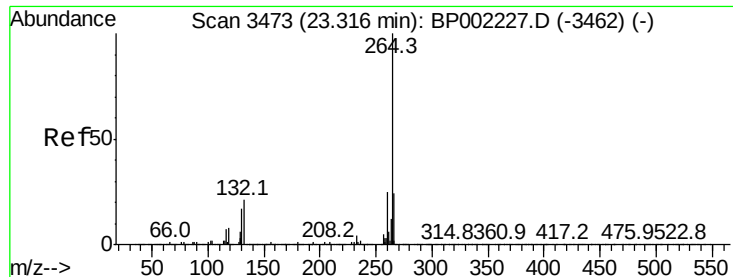
Tot Ion:149 Resp: 3955374  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.6 8.6 13.0



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 44.340 ng  
RT: 25.54 min Scan# 3851  
Delta R.T. 0.00 min  
Lab File: BP002234.D  
Acq: 05 May 2020 13:00

Tgt Ion:276 Resp: 5349733  
Ion Ratio Lower Upper  
276 100  
138 25.9 23.4 35.0  
277 25.1 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.32 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

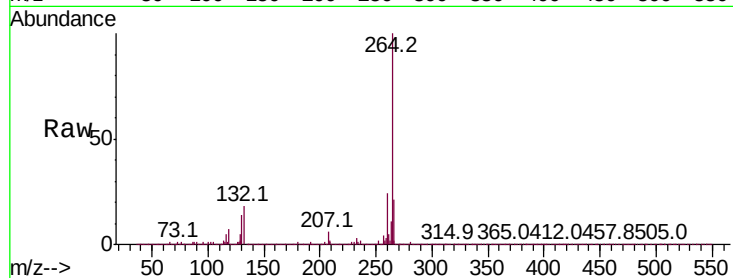
BNA\_P

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 1805473

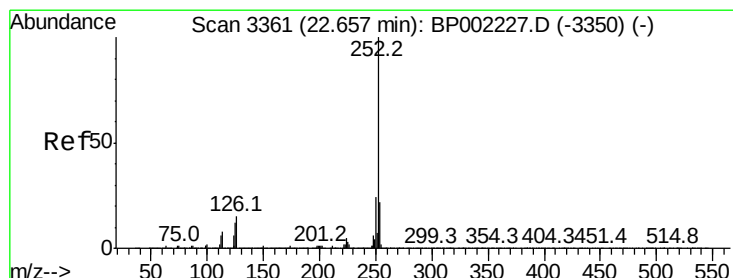
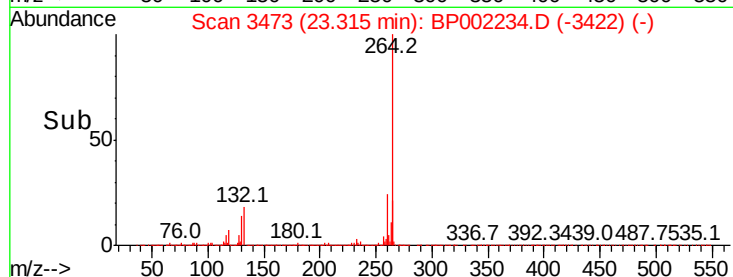
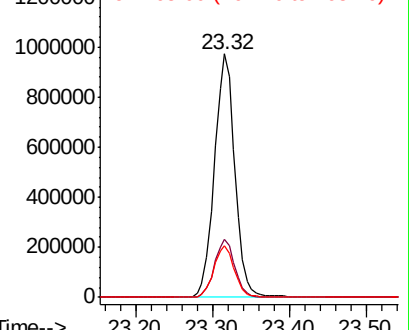
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 20.4  | 30.6  |
| 265 | 21.3  | 19.0  | 28.4  |



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



#88

Benzo(b)fluoranthene

Concen: 38.161 ng

RT: 22.66 min Scan# 3361

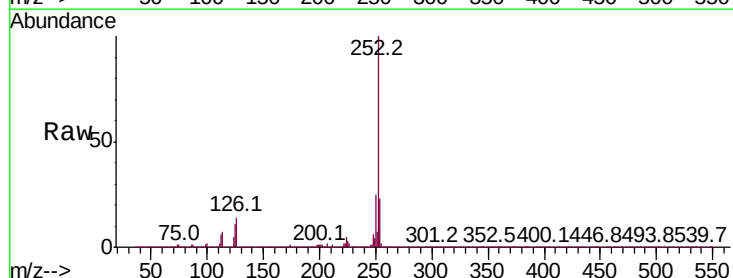
Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Tgt Ion:252 Resp: 4143044

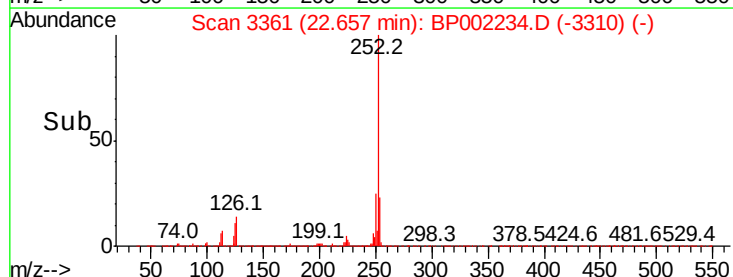
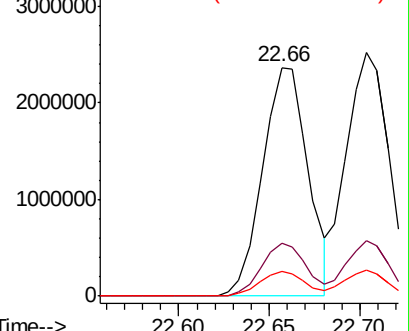
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.3  | 17.8  | 26.8  |
| 125 | 10.7  | 9.4   | 14.0  |



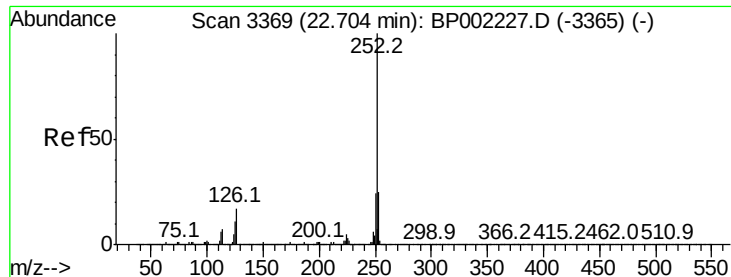
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 37.960 ng

RT: 22.70 min Scan# 3369

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

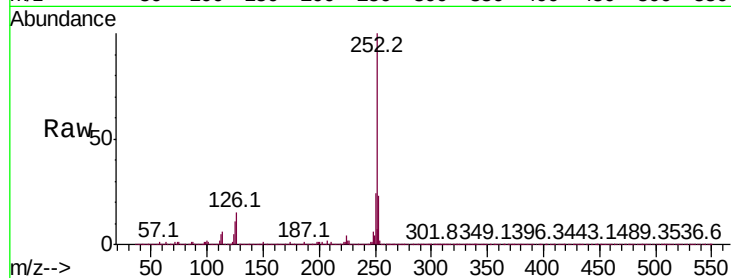
Tot Ion:252 Resp: 4221442

Ion Ratio Lower Upper

252 100

253 22.7 19.4 29.0

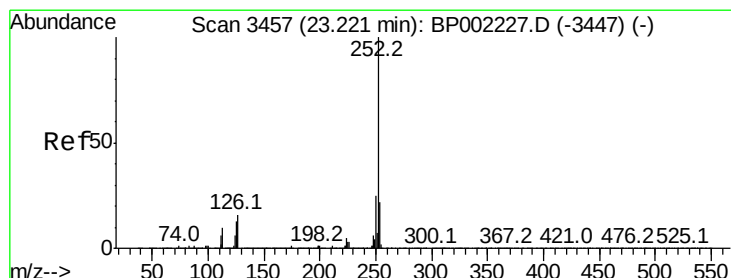
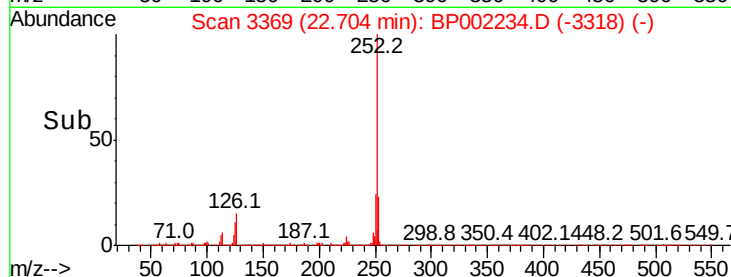
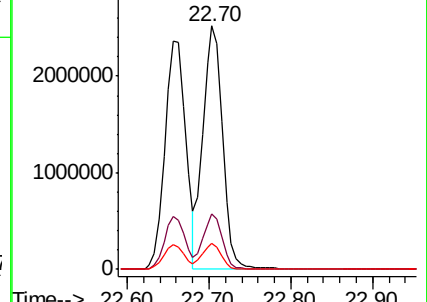
125 10.6 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.821 ng

RT: 23.22 min Scan# 3457

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

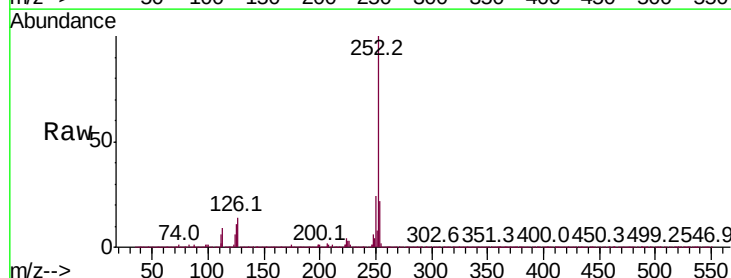
Tgt Ion:252 Resp: 4266591

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

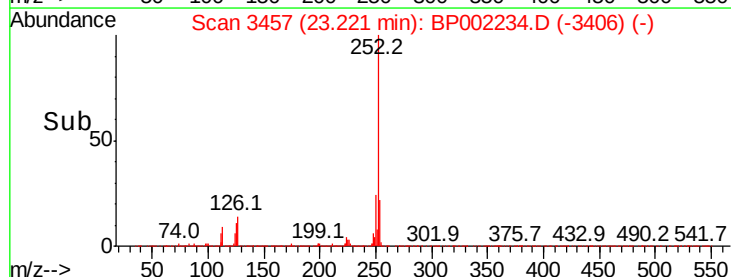
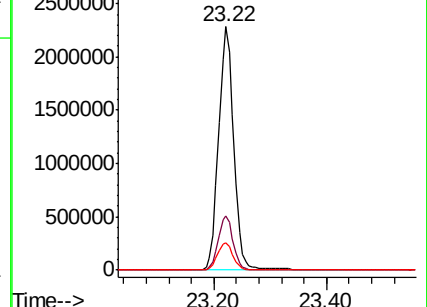
125 11.0 10.2 15.2

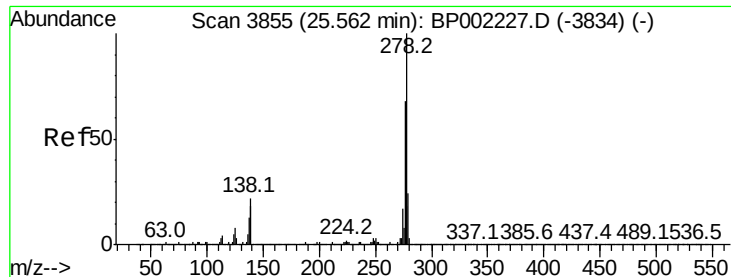


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.544 ng

RT: 25.56 min Scan# 3854

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

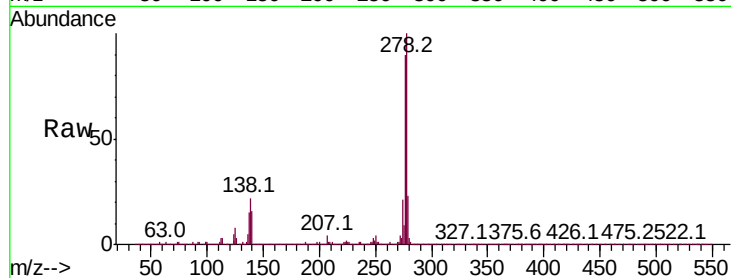
Tot Ion:278 Resp: 4410082

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 16.2  | 14.3  | 21.5  |
| 279 | 23.2  | 19.1  | 28.7  |

278 100

139 16.2 14.3 21.5

279 23.2 19.1 28.7

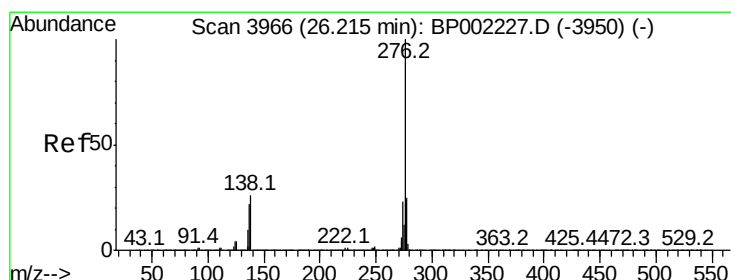
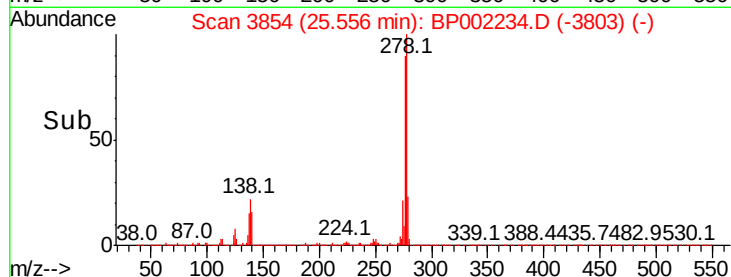
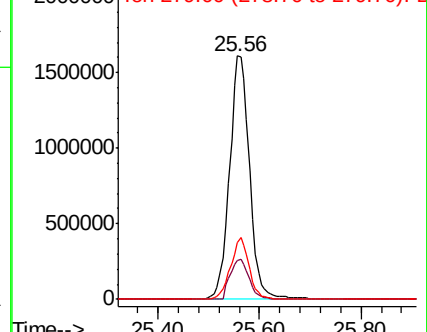


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.906 ng

RT: 26.22 min Scan# 3967

Delta R.T. 0.00 min

Lab File: BP002234.D

Acq: 05 May 2020 13:00

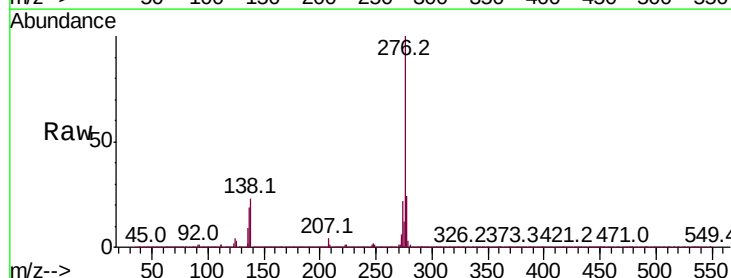
Tgt Ion:276 Resp: 4589087

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.6  | 19.9  | 29.9  |
| 138 | 22.9  | 21.0  | 31.4  |

276 100

277 23.6 19.9 29.9

138 22.9 21.0 31.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

