

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\  
 Data File : BP000508.D  
 Acq On : 04 Oct 2019 15:36  
 Operator : JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Oct 04 23:37:48 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 01 18:03:42 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.77  | 152  | 173097   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.05  | 136  | 664548   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.82  | 164  | 379610   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.31 | 188  | 723204   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.98 | 240  | 608134   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.46 | 264  | 727123   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.39  | 112 | 922364  | 85.65 | ng | 0.00 |
| 7) Phenol-d6             | 6.40  | 99  | 1133231 | 87.33 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.33  | 82  | 916377  | 84.22 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.61 | 330 | 386995  | 95.67 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.13  | 172 | 2051337 | 87.43 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.92 | 244 | 2665303 | 88.74 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.43 | 88  | 175832  | 40.889 | ng | 99     |
| 3) Pyridine                    | 3.18 | 79  | 486453  | 41.404 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.12 | 42  | 129560  | 39.187 | ng | 99     |
| 6) Aniline                     | 6.43 | 93  | 694321  | 44.042 | ng | 98     |
| 8) 2-Chlorophenol              | 6.55 | 128 | 468826  | 44.114 | ng | 99     |
| 9) Benzaldehyde                | 6.32 | 77  | 284862  | 42.144 | ng | 95     |
| 10) Phenol                     | 6.42 | 94  | 581983  | 43.804 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.50 | 93  | 433818  | 42.440 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.71 | 146 | 561302  | 43.570 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.79 | 146 | 570500  | 44.009 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.94 | 146 | 531582  | 44.415 | ng | 100    |
| 15) Benzyl Alcohol             | 6.90 | 79  | 372992  | 44.508 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.05 | 45  | 400540  | 42.481 | ng | 99     |
| 17) 2-Methylphenol             | 7.02 | 107 | 380978  | 43.376 | ng | 98     |
| 18) Hexachloroethane           | 7.28 | 117 | 200117  | 43.374 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 7.18 | 70  | 257488  | 43.049 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.18 | 107 | 461687  | 44.923 | ng | 89     |
| 22) Acetophenone               | 7.18 | 105 | 654960  | 42.653 | ng | # 99   |
| 24) Nitrobenzene               | 7.35 | 77  | 438937  | 41.827 | ng | 97     |
| 25) Isophorone                 | 7.59 | 82  | 819665  | 42.445 | ng | 99     |
| 26) 2-Nitrophenol              | 7.66 | 139 | 241154  | 43.698 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.70 | 122 | 367442  | 43.435 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.80 | 93  | 561597  | 42.793 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.91 | 162 | 422570  | 44.178 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.99 | 180 | 495962  | 44.150 | ng | 99     |
| 31) Naphthalene                | 8.07 | 128 | 1366165 | 44.018 | ng | 99     |
| 32) Benzoic acid               | 7.79 | 122 | 89333   | 16.724 | ng | 98     |
| 33) 4-Chloroaniline            | 8.12 | 127 | 600445  | 44.061 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.20 | 225 | 302260  | 44.523 | ng | 97     |
| 35) Caprolactam                | 8.47 | 113 | 143920  | 44.923 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.60 | 107 | 418534  | 44.676 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.76 | 142 | 950392  | 45.615 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.86 | 142 | 896871  | 45.557 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.93 | 216 | 523236  | 43.548 | ng | 100    |

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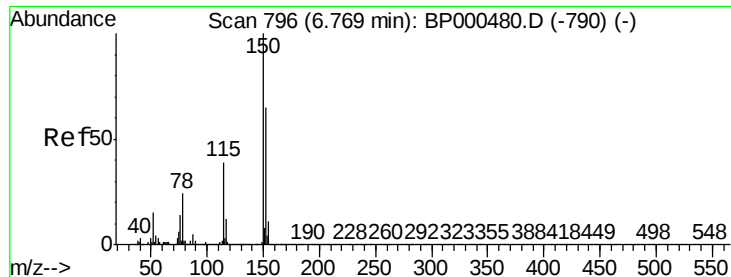
Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Oct 04 23:37:48 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 01 18:03:42 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.92  | 237  | 156708   | 36.909 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.05  | 196  | 322155   | 43.556 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.09  | 196  | 337384   | 44.180 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.23  | 154  | 1245669  | 43.473 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.26  | 162  | 961051   | 43.375 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.35  | 65   | 230020   | 42.880 | ng    | 90       |
| 49) Acenaphthylene             | 9.67  | 152  | 1458436  | 43.629 | ng    | 99       |
| 50) Dimethylphthalate          | 9.53  | 163  | 1138984  | 43.181 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.59  | 165  | 251478   | 43.719 | ng    | 95       |
| 52) Acenaphthene               | 9.85  | 154  | 858790   | 42.351 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.76  | 138  | 281487   | 42.708 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 9.87  | 184  | 93826    | 48.883 | ng    | # 89     |
| 55) Dibenzofuran               | 10.02 | 168  | 1330786  | 43.903 | ng    | 98       |
| 56) 4-Nitrophenol              | 9.93  | 139  | 183736   | 43.664 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 10.00 | 165  | 333764   | 43.762 | ng    | 94       |
| 58) Fluorene                   | 10.36 | 166  | 1012122  | 46.850 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.14 | 232  | 285855   | 44.281 | ng    | 100      |
| 60) Diethylphthalate           | 10.24 | 149  | 1110771  | 44.362 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.36 | 204  | 544492   | 46.870 | ng    | 96       |
| 62) 4-Nitroaniline             | 10.38 | 138  | 294072   | 46.392 | ng    | 96       |
| 63) Azobenzene                 | 10.52 | 77   | 888284   | 46.207 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.42 | 198  | 117940   | 36.788 | ng    | 88       |
| 66) n-Nitrosodiphenylamine     | 10.47 | 169  | 920233   | 43.689 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 10.85 | 248  | 352461   | 43.295 | ng    | 94       |
| 68) Hexachlorobenzene          | 10.92 | 284  | 396470   | 42.856 | ng    | 97       |
| 69) Atrazine                   | 11.01 | 200  | 296990   | 42.966 | ng    | 99       |
| 70) Pentachlorophenol          | 11.12 | 266  | 169439   | 45.601 | ng    | 96       |
| 71) Phenanthrene               | 11.33 | 178  | 1604436  | 44.174 | ng    | 99       |
| 72) Anthracene                 | 11.39 | 178  | 1591201  | 44.184 | ng    | 99       |
| 73) Carbazole                  | 11.54 | 167  | 1479663  | 44.323 | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.88 | 149  | 1799174  | 44.241 | ng    | 100      |
| 75) Fluoranthene               | 12.53 | 202  | 1816561  | 44.531 | ng    | 99       |
| 77) Benzidine                  | 12.66 | 184  | 671467   | 38.130 | ng    | 99       |
| 78) Pyrene                     | 12.77 | 202  | 1829458  | 43.618 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.40 | 149  | 789919   | 43.220 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.97 | 228  | 1651236  | 44.502 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 695448   | 47.186 | ng    | 97       |
| 83) Chrysene                   | 14.01 | 228  | 1630123  | 44.761 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149  | 1019142  | 44.336 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.59 | 149  | 1856413  | 44.557 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.94 | 276  | 2025274  | 44.520 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.03 | 252  | 1779727  | 43.143 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 15.06 | 252  | 1720839  | 43.817 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.40 | 252  | 1662487  | 43.233 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.96 | 278  | 1643903  | 44.078 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 17.39 | 276  | 1655494  | 43.683 | ng    | 96       |

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



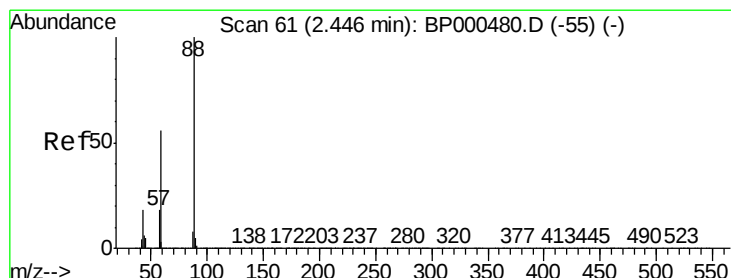
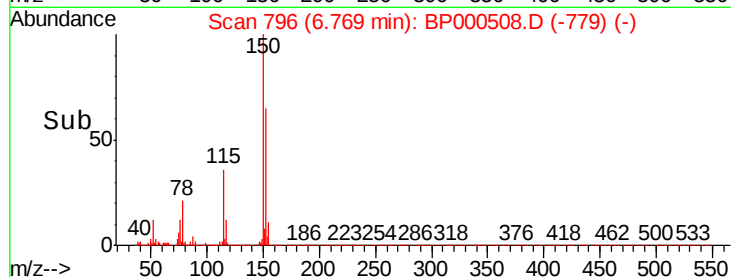
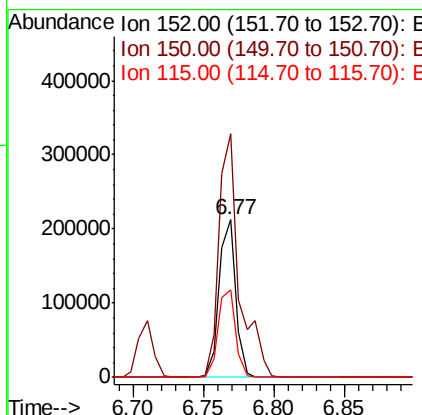
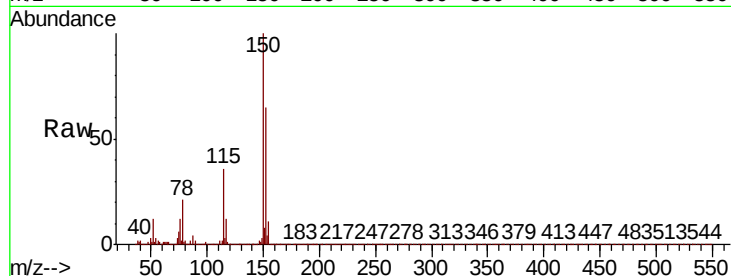


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.77 min Scan# 796  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Instrument :  
BNA\_P  
ClientSampled :

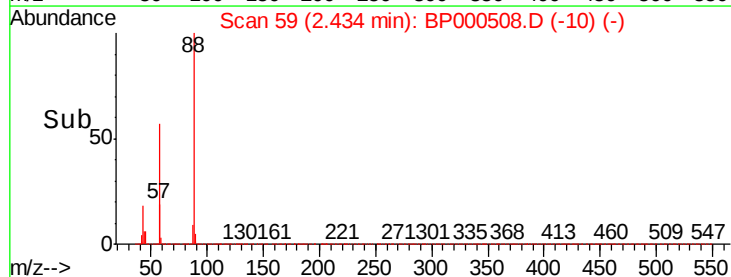
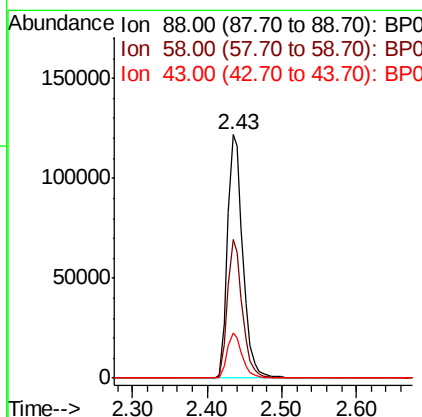
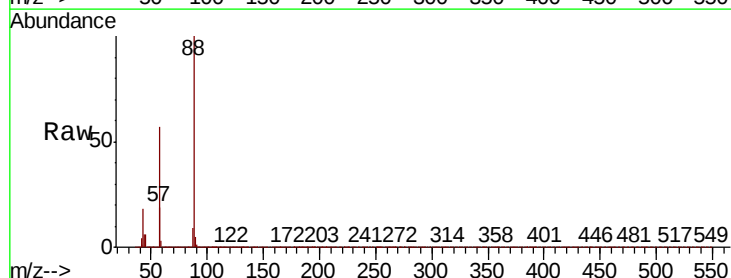
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.3 | 124.1 | 186.1 |
| 115     | 55.7  | 48.7  | 73.1  |

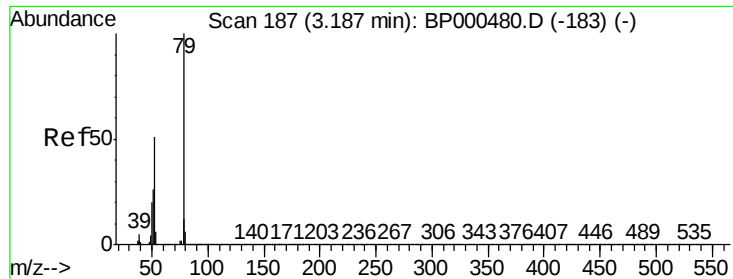


#2

1,4-Dioxane  
Concen: 40.889 ng  
RT: 2.43 min Scan# 59  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 55.3  | 45.3  | 67.9  |
| 43      | 18.0  | 14.5  | 21.7  |





#3

Pvridine

Concen: 41.404 ng

RT: 3.18 min Scan# 185

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Instrument :

BNA\_P

ClientSampleId :

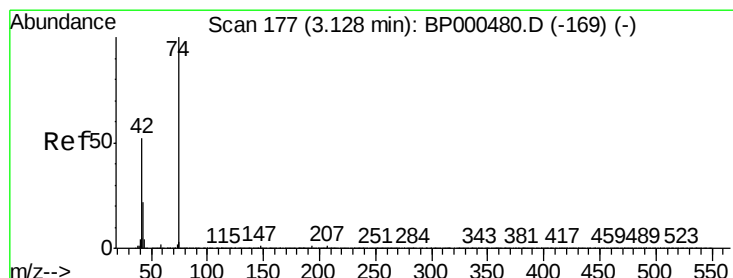
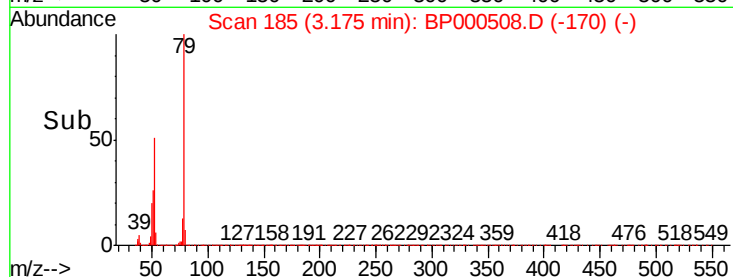
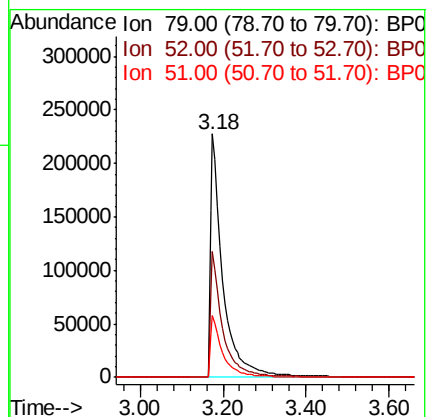
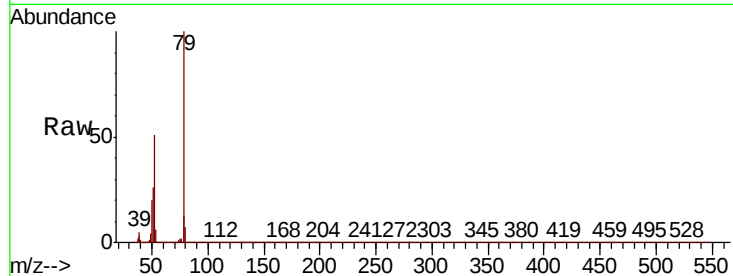
Tot Ion: 79 Resp: 486453

Ion Ratio Lower Upper

79 100

52 51.5 40.7 61.1

51 25.6 20.5 30.7



#4

n-Nitrosodimethylamine

Concen: 39.187 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

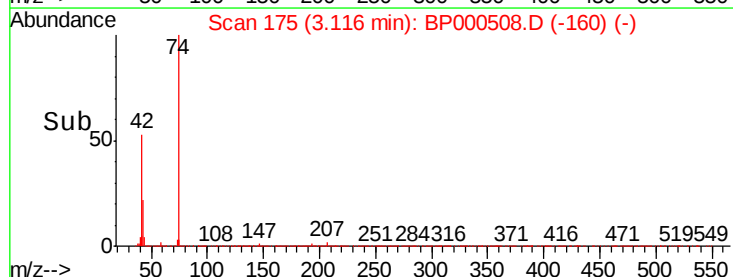
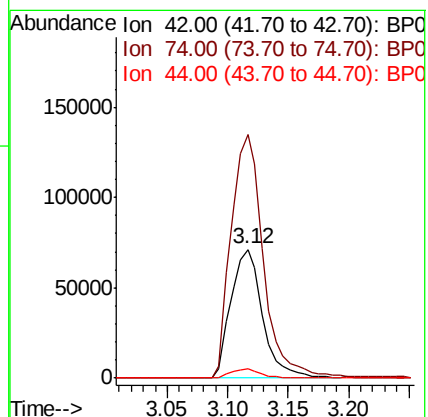
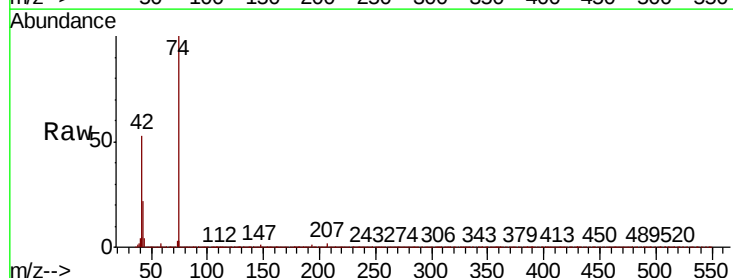
Tgt Ion: 42 Resp: 129560

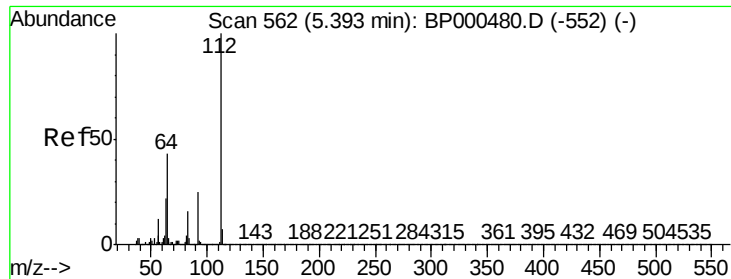
Ion Ratio Lower Upper

42 100

74 189.1 152.4 228.6

44 6.9 5.6 8.4





#5

2-Fluorophenol

Concen: 85.654 ng

RT: 5.39 min Scan# 561

Delta R.T. -0.01 min

Lab File: BP000508.D

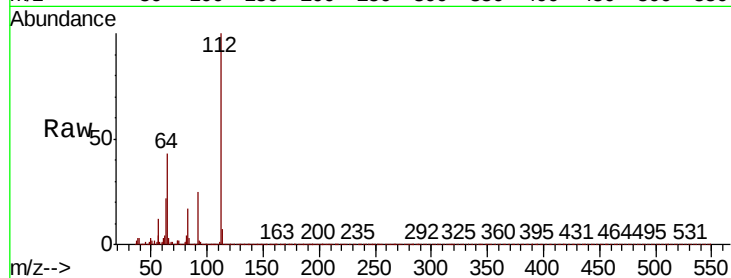
Acq: 04 Oct 2019 15:36

Instrument :

BNA\_P

ClientSampled :

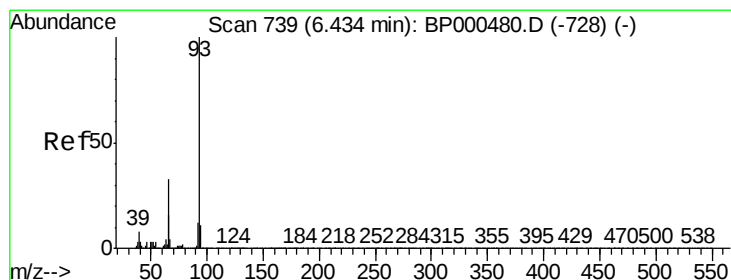
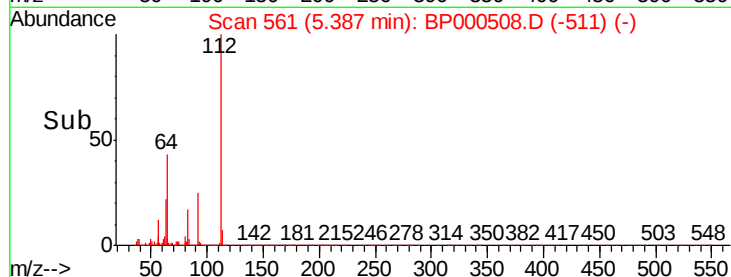
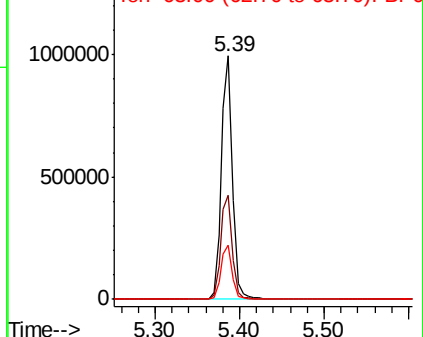
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 922364 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 43.0  | 34.2  | 51.4   |
| 63       | 22.4  | 17.9  | 26.9   |



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 44.042 ng

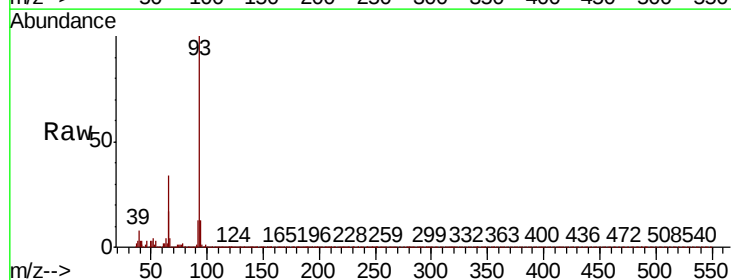
RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

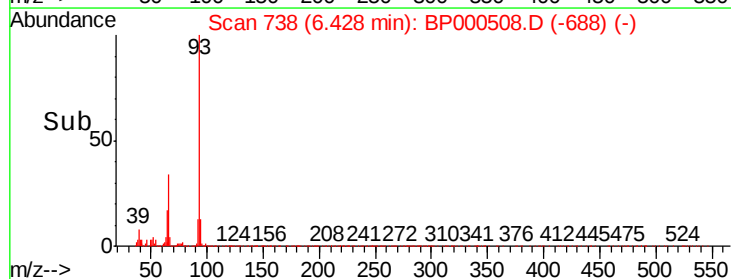
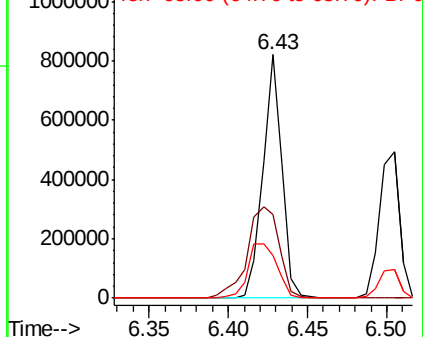
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 694321 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 34.2  | 26.3  | 39.5   |
| 65       | 17.3  | 13.2  | 19.8   |

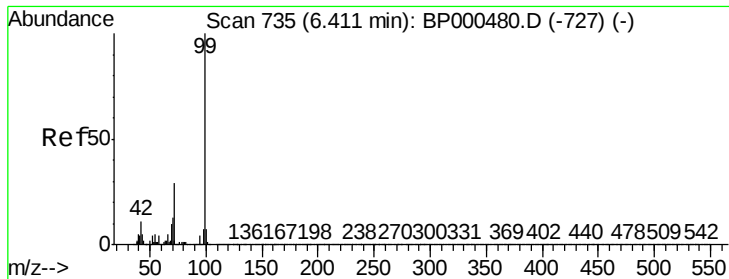


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 87.330 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

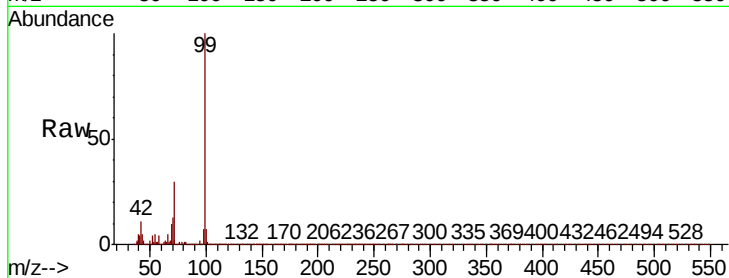
Instrument :

BNA\_P

ClientSampleId :

Tot Ion: 99 Resp: 1133231

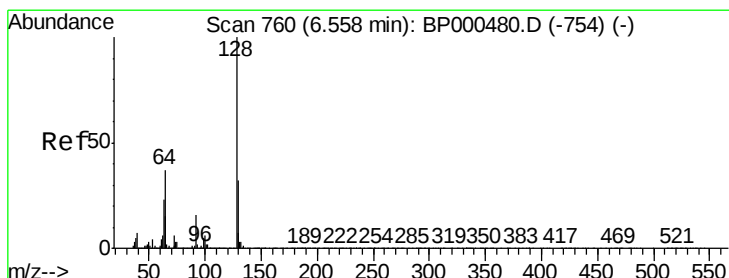
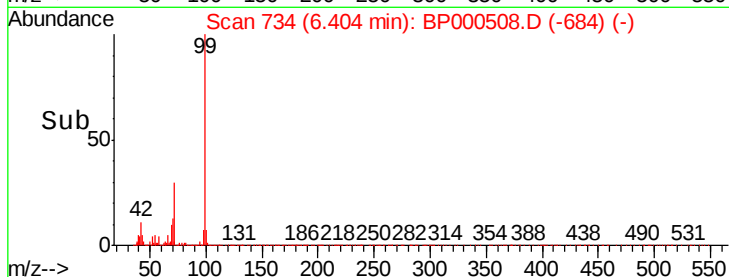
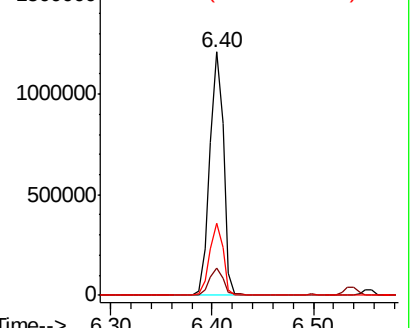
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 11.1  | 8.6   | 12.8  |
| 71  | 29.8  | 23.0  | 34.4  |



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 44.114 ng

RT: 6.55 min Scan# 759

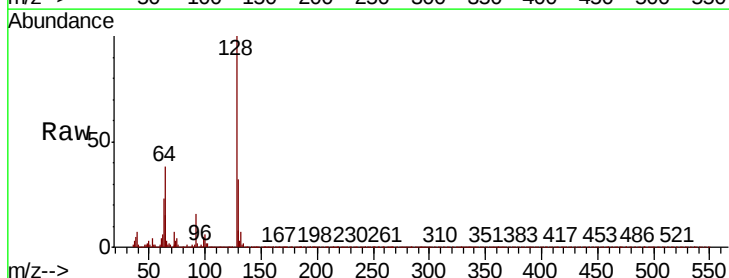
Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Tgt Ion: 128 Resp: 468826

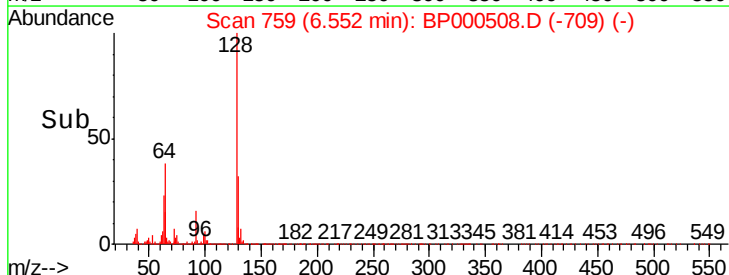
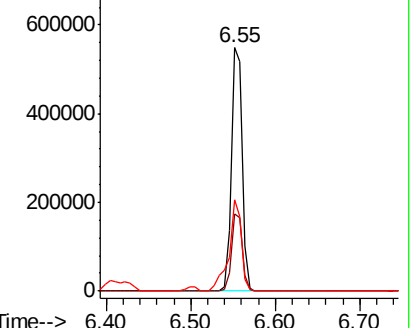
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
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| 130 | 31.8  | 12.2  | 52.2  |
| 64  | 37.7  | 17.2  | 57.2  |

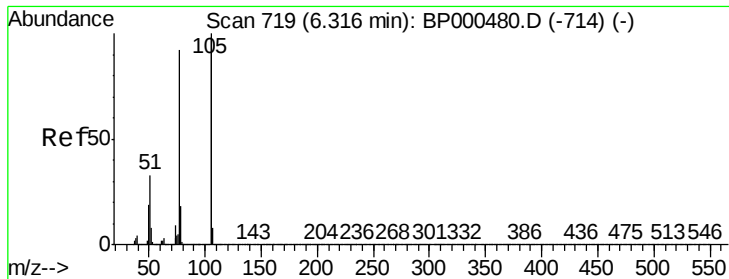


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 42.144 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Instrument :

BNA\_P

ClientSampled :

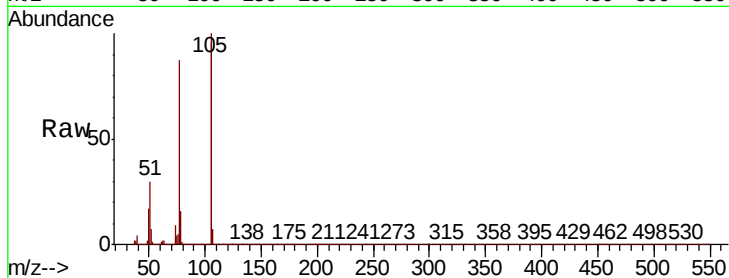
Tot Ion: 77 Resp: 284862

Ion Ratio Lower Upper

77 100

105 114.4 88.3 128.3

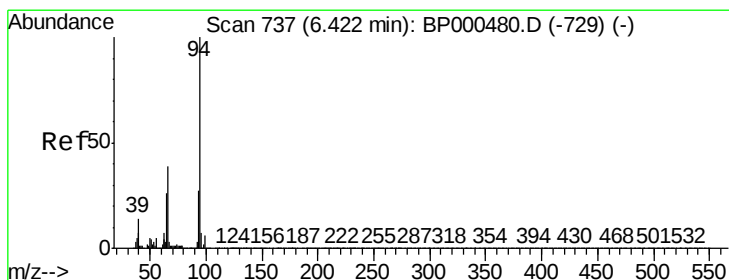
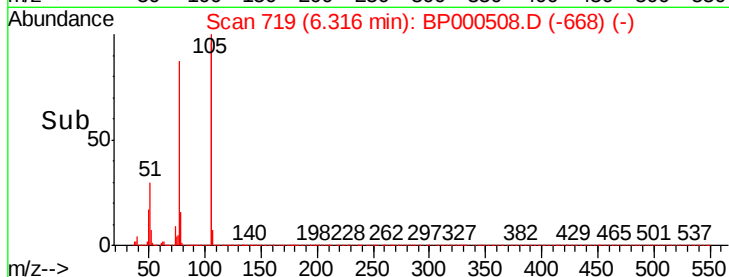
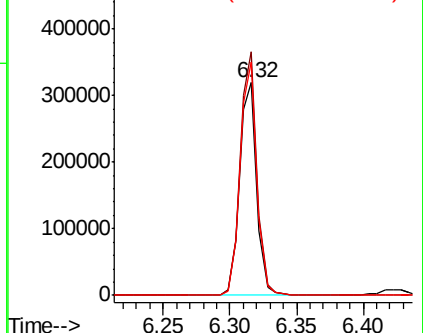
106 109.9 85.7 125.7



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 43.804 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

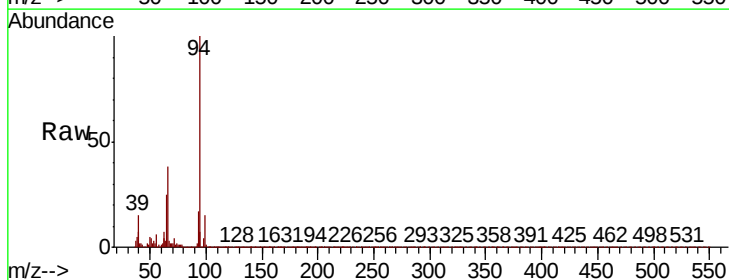
Tgt Ion: 94 Resp: 581983

Ion Ratio Lower Upper

94 100

65 25.5 5.9 45.9

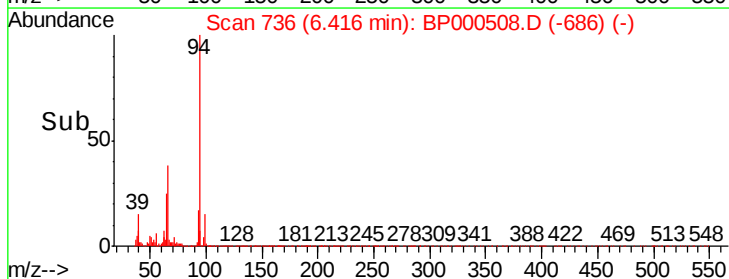
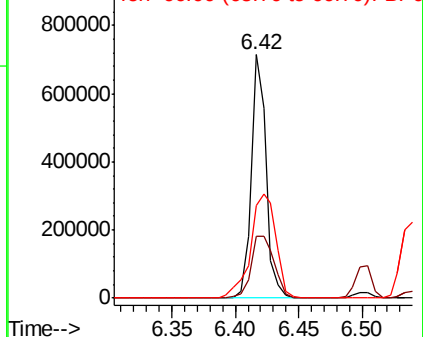
66 38.1 18.8 58.8

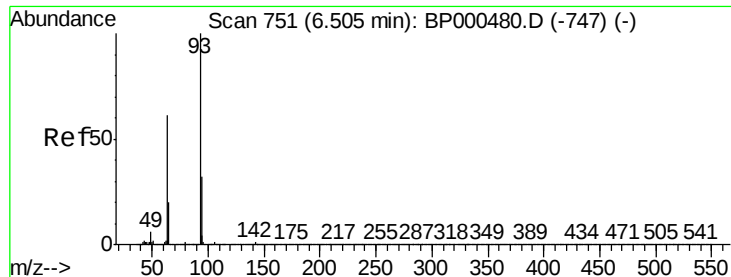


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#11

bis(2-Chloroethyl)ether

Concen: 42.440 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Instrument :

BNA\_P

ClientSampleId :

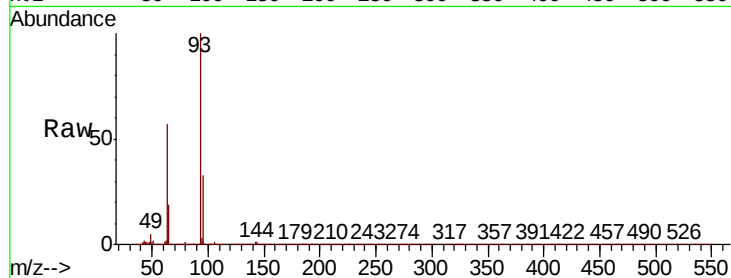
Tot Ion: 93 Resp: 433818

Ion Ratio Lower Upper

93 100

63 57.4 41.1 81.1

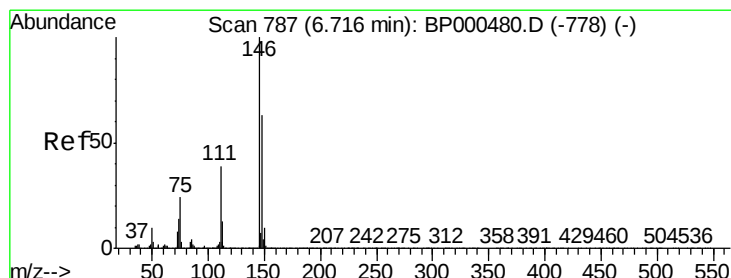
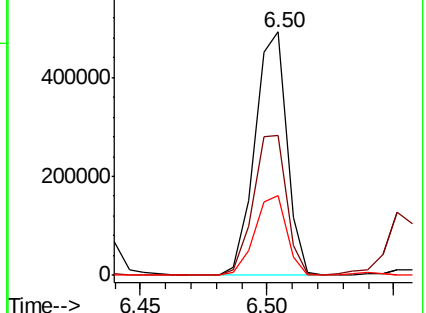
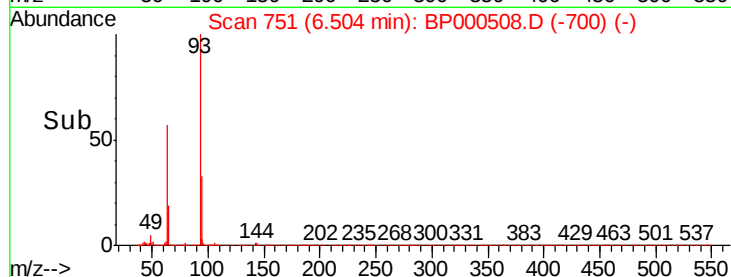
95 32.9 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

Ion 95.00 (94.70 to 95.70): BP0



#12

1,3-Dichlorobenzene

Concen: 43.570 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

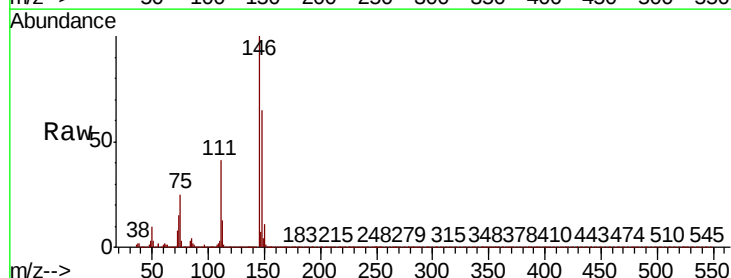
Tgt Ion: 146 Resp: 561302

Ion Ratio Lower Upper

146 100

148 65.1 50.7 76.1

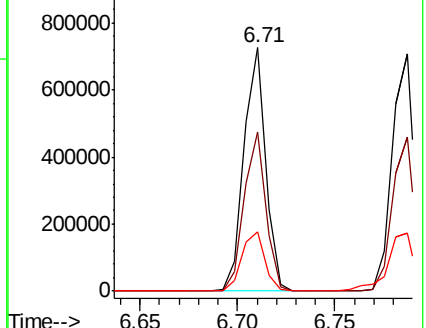
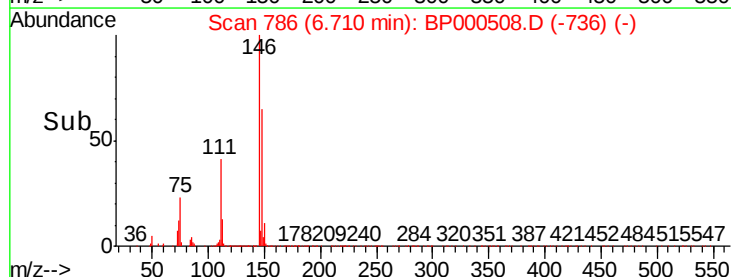
75 24.5 19.1 28.7

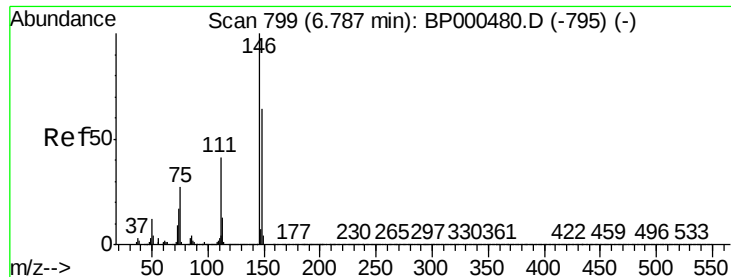


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BP0

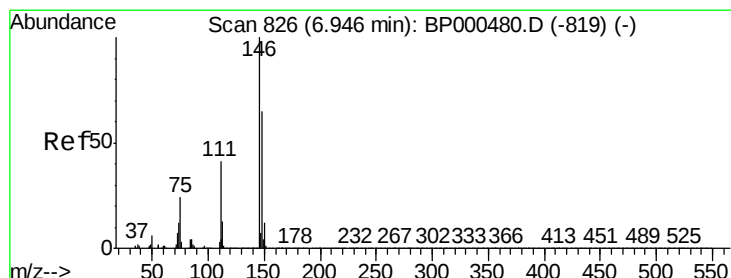
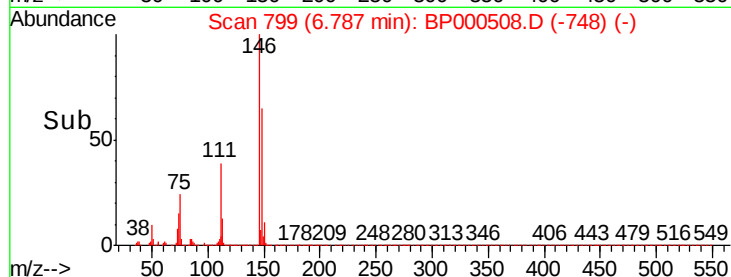
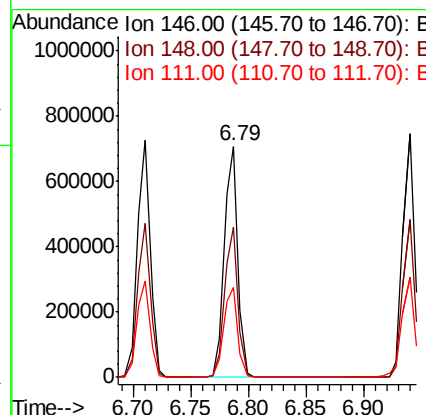
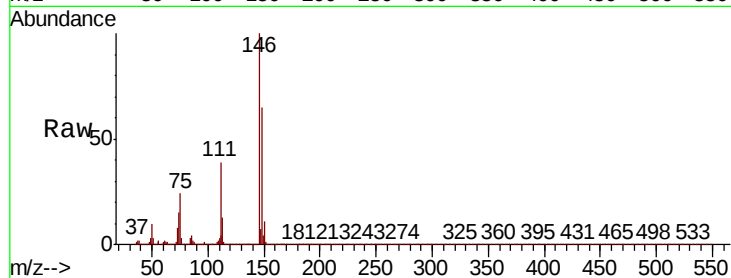




#13  
 1,4-Dichlorobenzene  
 Concen: 44.009 ng  
 RT: 6.79 min Scan# 799  
 Delta R.T. -0.00 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

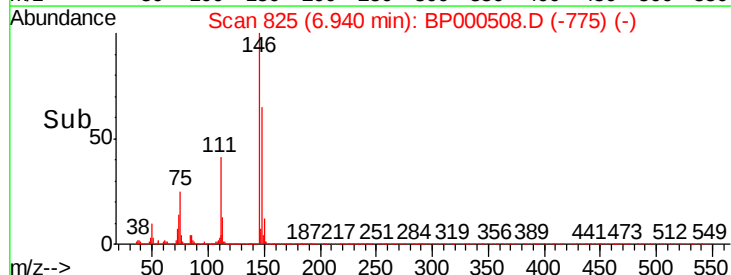
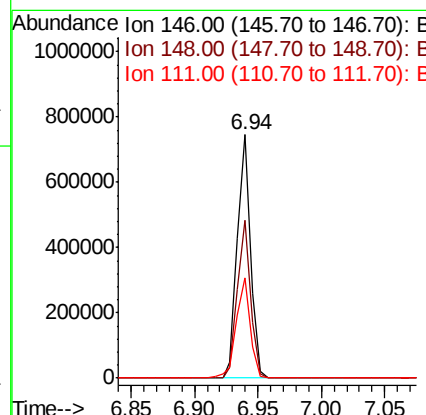
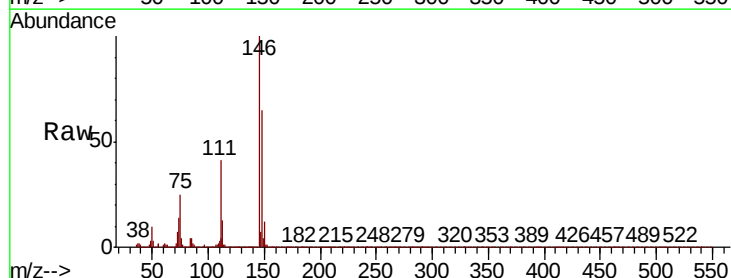
Instrument :  
 BNA\_P  
 ClientSampleId :

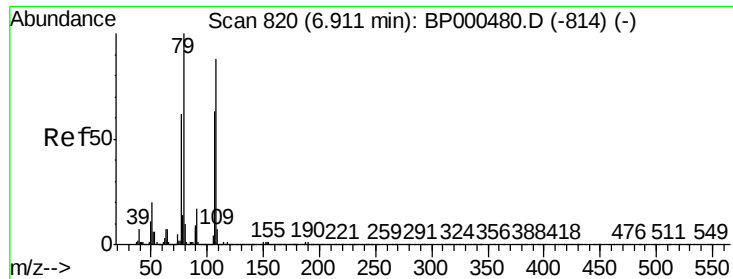
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 51.1  | 76.7  |
| 111     | 39.1  | 33.0  | 49.4  |



#14  
 1,2-Dichlorobenzene  
 Concen: 44.415 ng  
 RT: 6.94 min Scan# 825  
 Delta R.T. -0.01 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 51.8  | 77.6  |
| 111     | 41.4  | 32.8  | 49.2  |





#15

Benzyl Alcohol

Concen: 44.508 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Instrument :

BNA\_P

ClientSampleId :

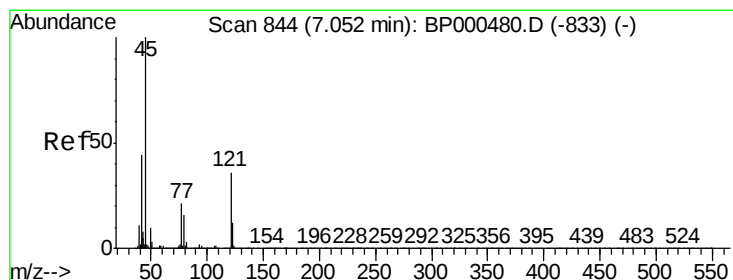
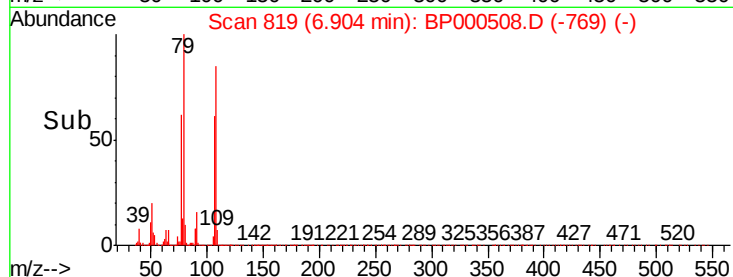
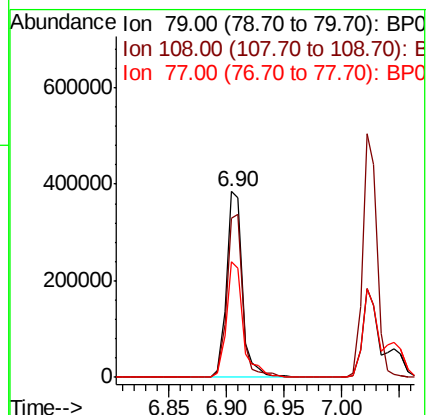
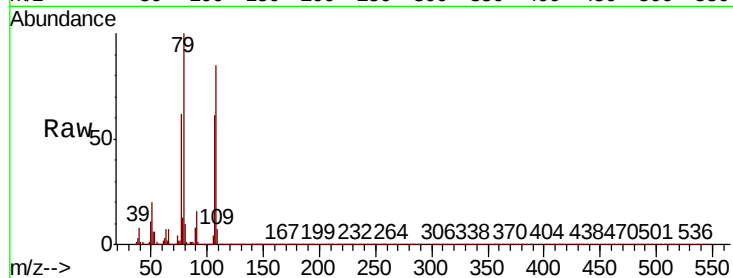
Tot Ion: 79 Resp: 372992

Ion Ratio Lower Upper

79 100

108 85.2 70.8 106.2

77 61.9 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.481 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

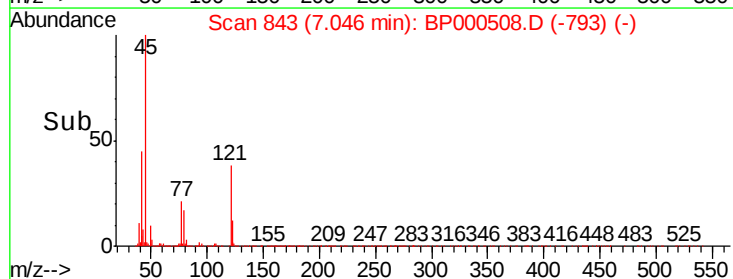
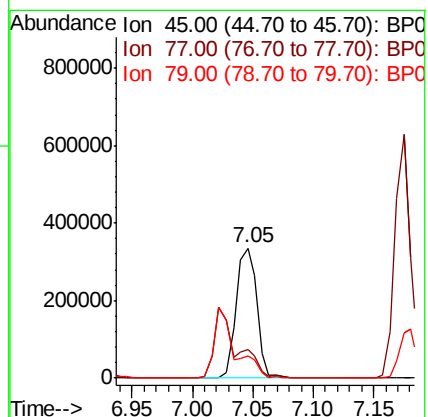
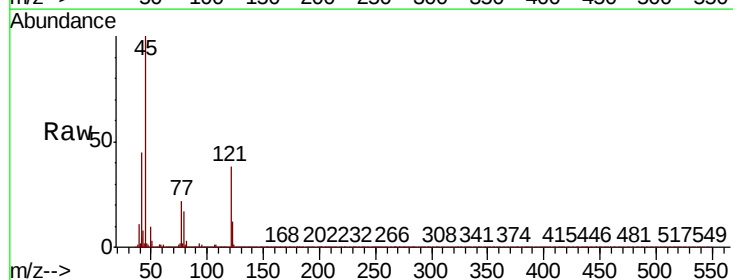
Tgt Ion: 45 Resp: 400540

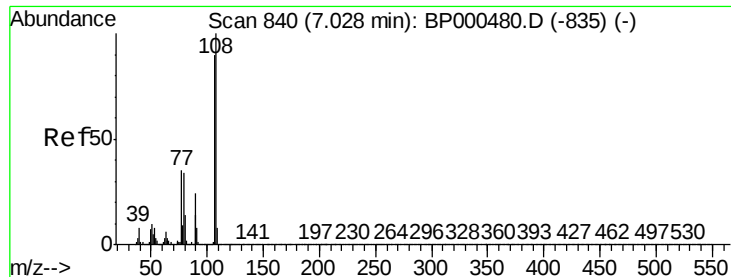
Ion Ratio Lower Upper

45 100

77 21.5 1.1 41.1

79 17.4 0.0 36.8





#17

2-Methylphenol

Concen: 43.376 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Instrument :

BNA\_P

ClientSampleId :

Tot Ion:107 Resp: 380978

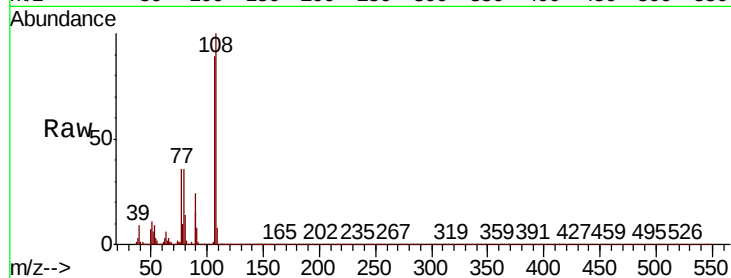
Ion Ratio Lower Upper

107 100

108 112.4 89.0 133.4

77 41.0 31.2 46.8

79 41.0 30.7 46.1

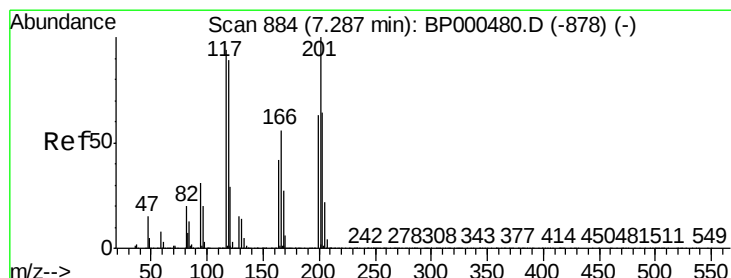
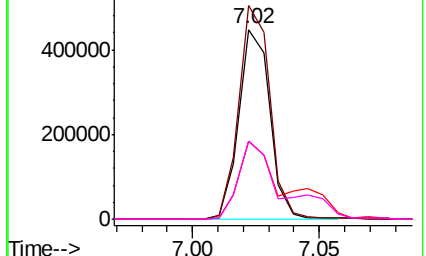
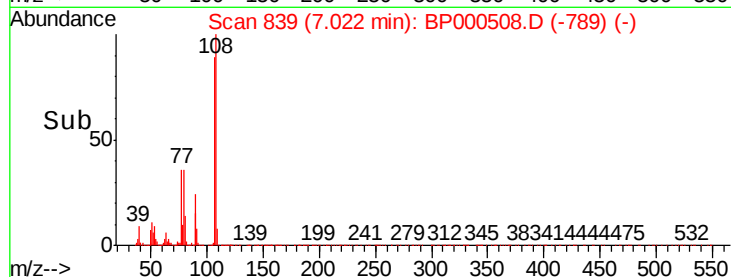


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.374 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

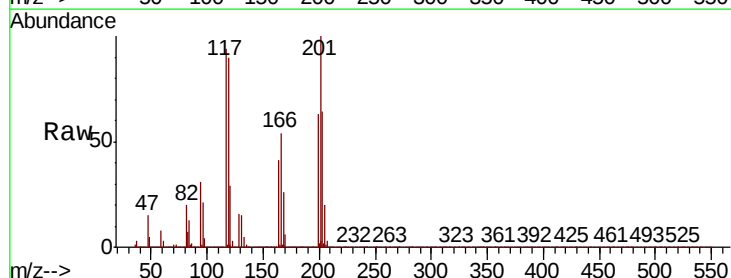
Tgt Ion:117 Resp: 200117

Ion Ratio Lower Upper

117 100

119 95.8 76.3 114.5

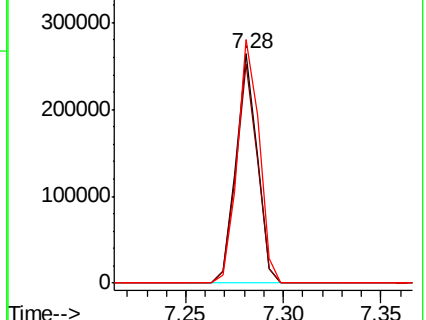
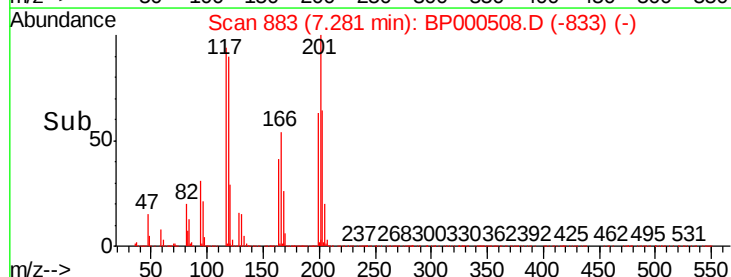
201 106.3 85.4 128.0

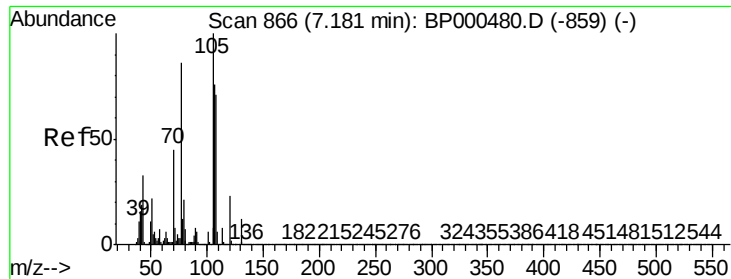


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

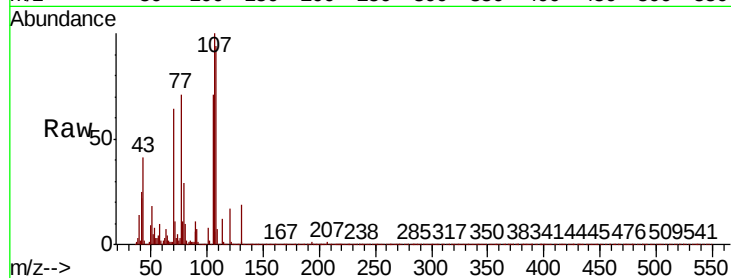




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.049 ng  
RT: 7.18 min Scan# 866  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Instrument :  
BNA\_P  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 257488 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 39.5  | 33.2  | 49.8   |
| 101      | 12.4  | 9.9   | 14.9   |
| 130      | 29.6  | 21.8  | 32.8   |



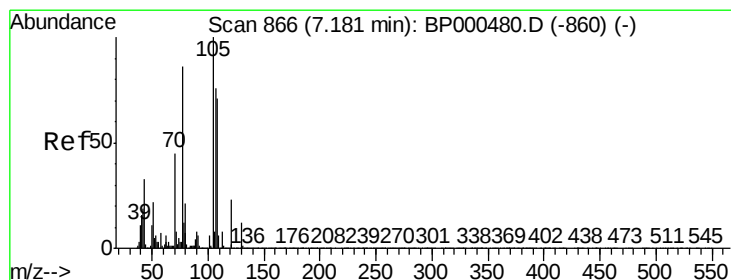
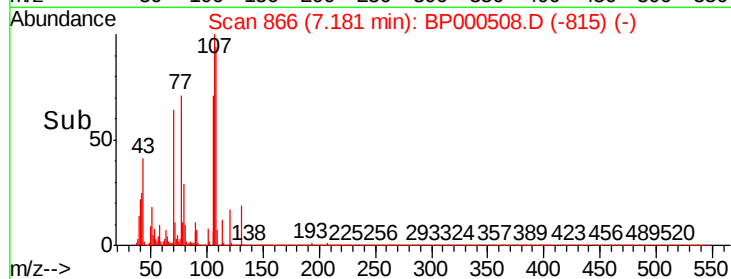
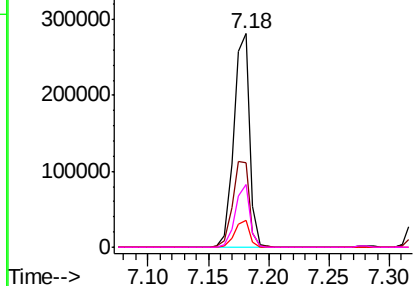
Abundance

Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

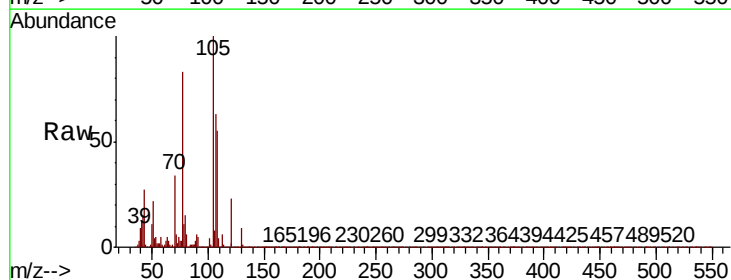
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20  
3+4-Methylphenols  
Concen: 44.923 ng  
RT: 7.18 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 461687 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.9  | 72.6  | 112.6  |
| 77       | 131.1 | 93.3  | 133.3  |
| 79       | 24.4  | 7.1   | 47.1   |



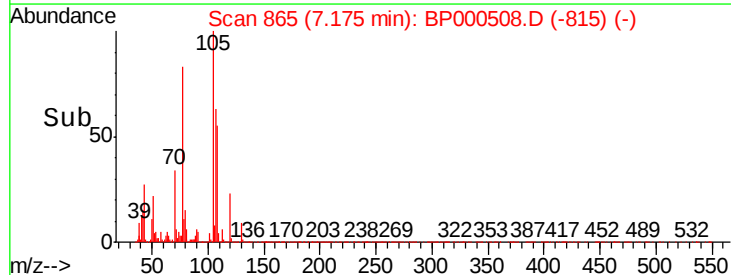
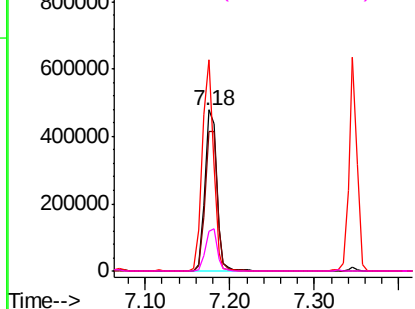
Abundance

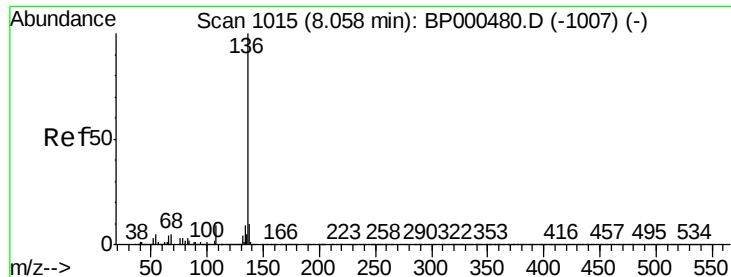
Ion 107.00 (106.70 to 107.70): E

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

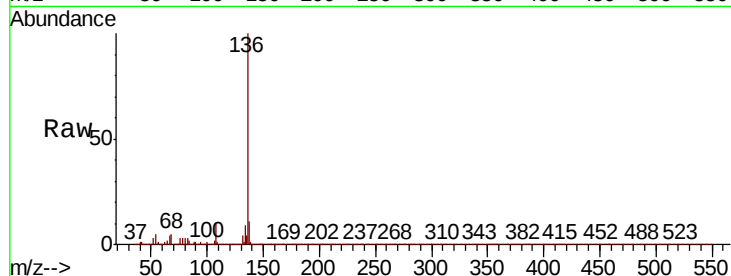




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.05 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Instrument :  
BNA\_P  
ClientSampleId :

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 664548 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.9    | 8.2 12.4     |
| 54 5.4      | 4.1 6.1      |
| 68 5.1      | 4.1 6.1      |



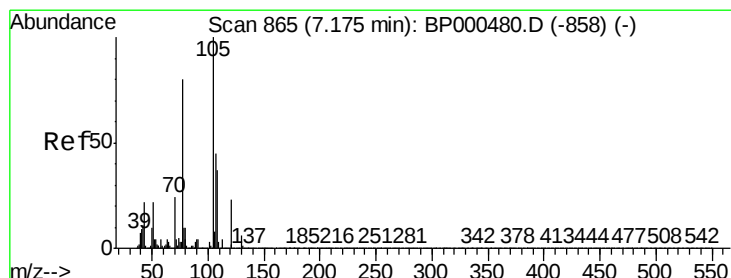
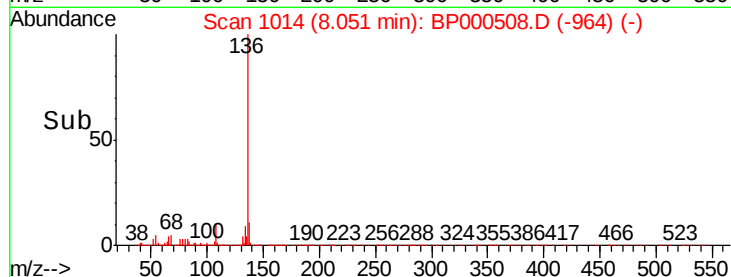
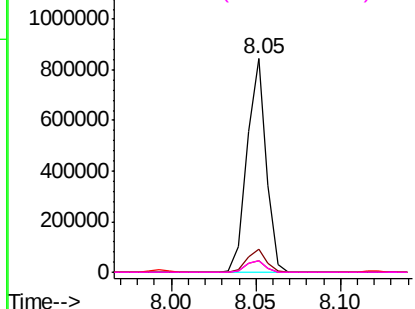
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

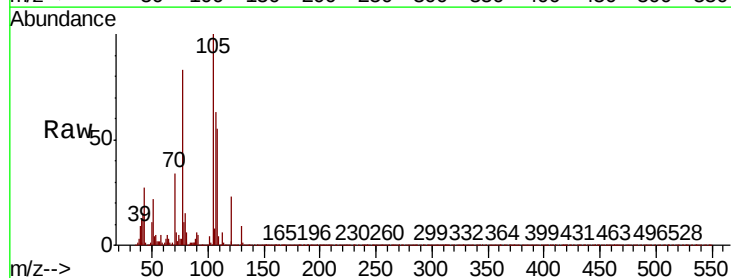
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22  
Acetophenone  
Concen: 42.653 ng  
RT: 7.18 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 654960 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 5.9     | 3.3   | 4.9#   |
| 51  | 21.7    | 17.4  | 26.2   |
| 120 | 23.4    | 18.0  | 27.0   |



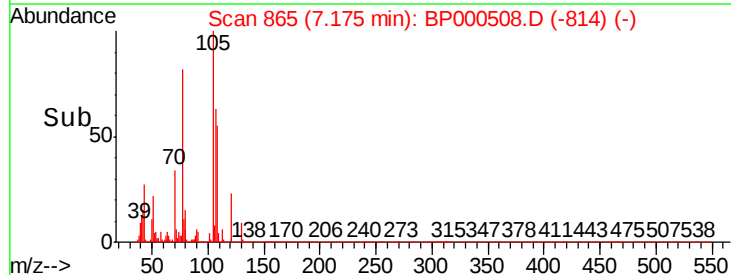
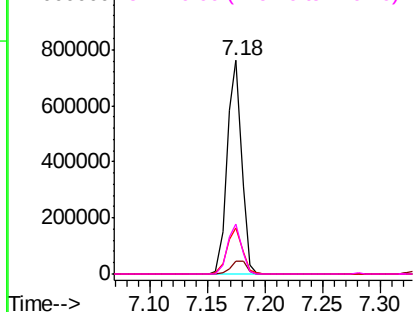
Abundance

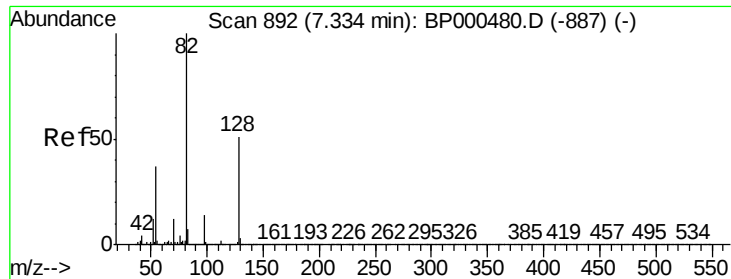
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

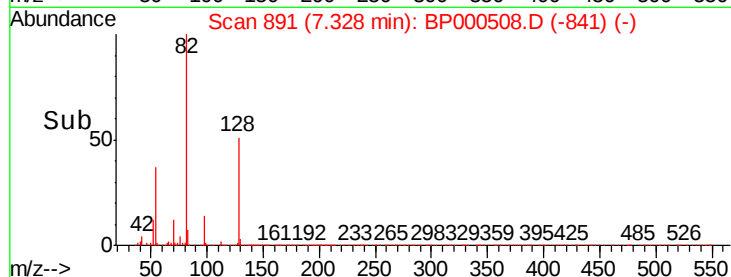
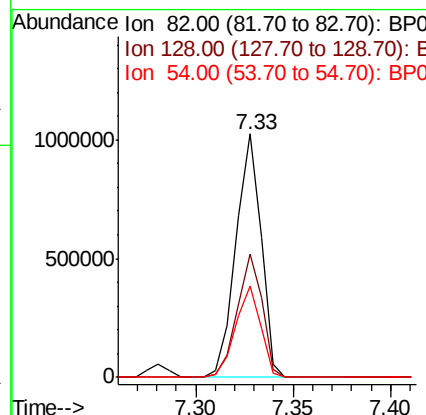
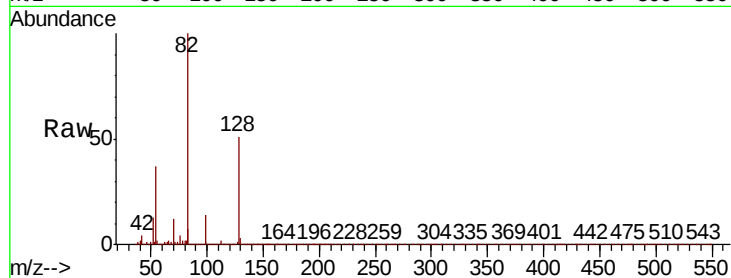




#23  
Nitrobenzene-d5  
Concen: 84.220 ng  
RT: 7.33 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

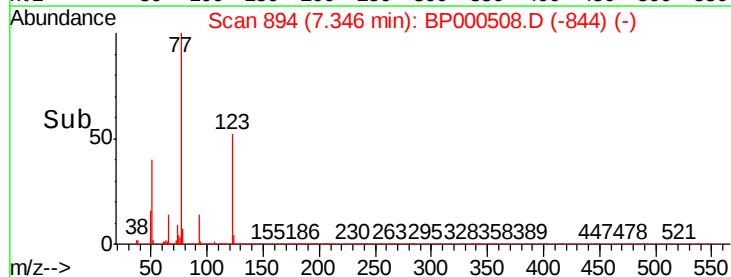
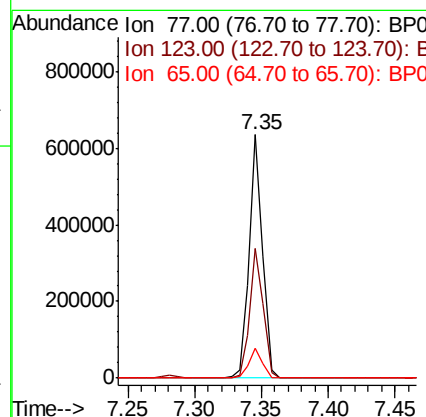
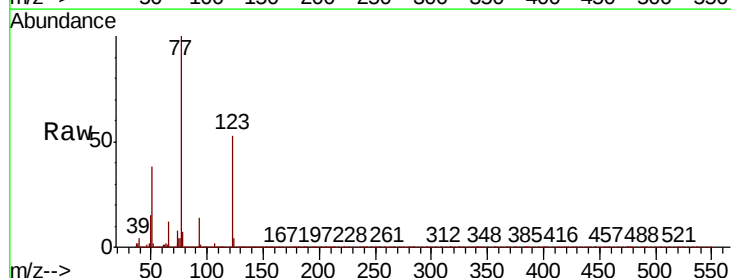
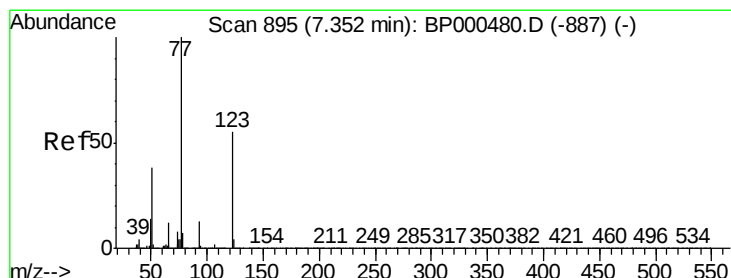
Instrument :  
BNA\_P  
ClientSampled :

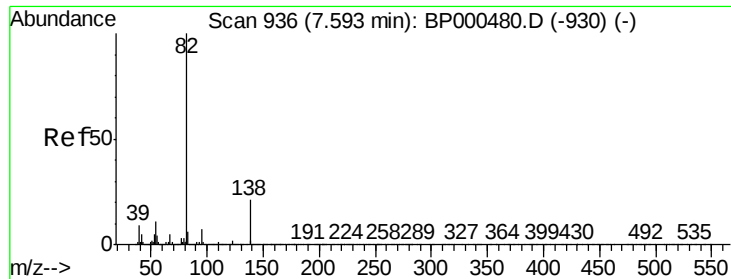
| Tot Ion   | 82    | Resp  | 916377 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 50.7  | 40.9  | 61.3   |
| 54        | 37.4  | 29.4  | 44.2   |



#24  
Nitrobenzene  
Concen: 41.827 ng  
RT: 7.35 min Scan# 894  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

| Tgt Ion   | 77    | Resp  | 438937 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 53.0  | 44.1  | 66.1   |
| 65        | 12.5  | 9.7   | 14.5   |





#25

Isophorone

Concen: 42.445 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Instrument :

BNA\_P

ClientSampleId :

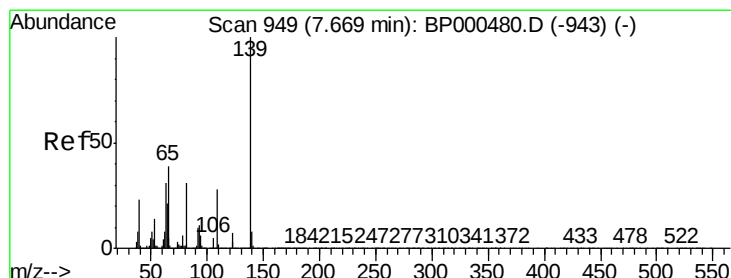
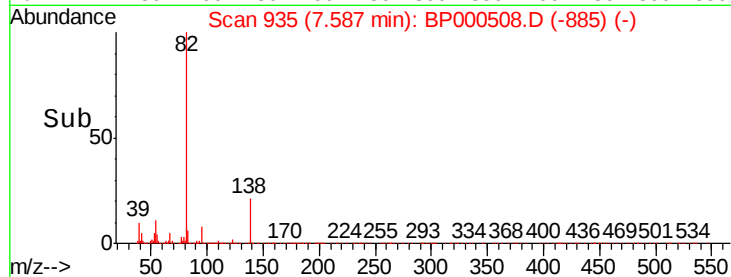
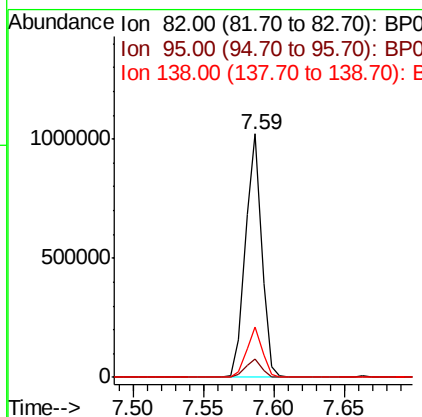
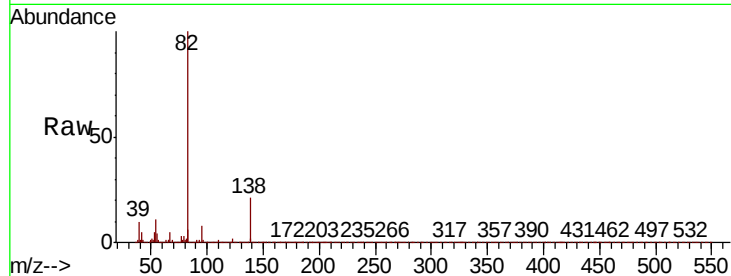
Tot Ion: 82 Resp: 819665

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 20.8 17.0 25.4



#26

2-Nitrophenol

Concen: 43.698 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

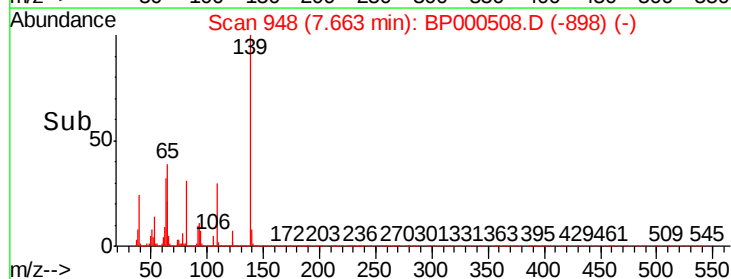
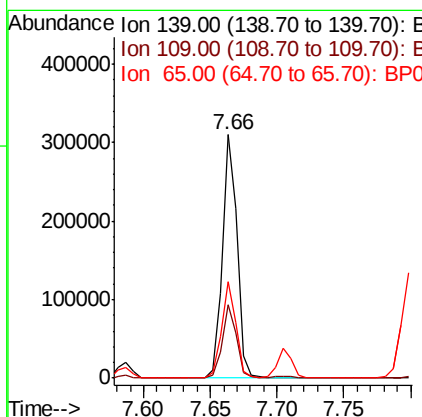
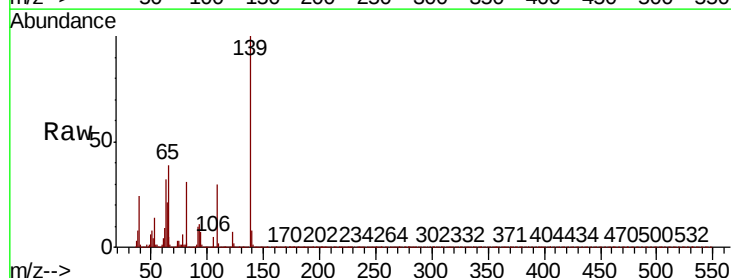
Tgt Ion: 139 Resp: 241154

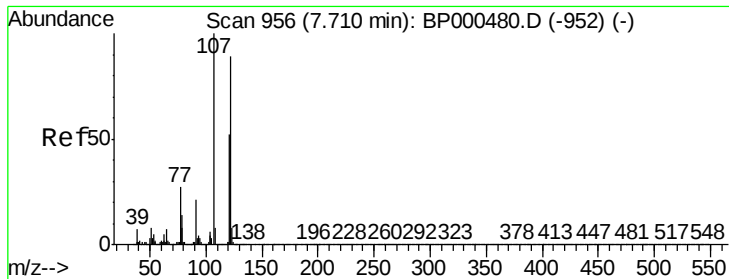
Ion Ratio Lower Upper

139 100

109 29.9 22.8 34.2

65 39.5 31.5 47.3

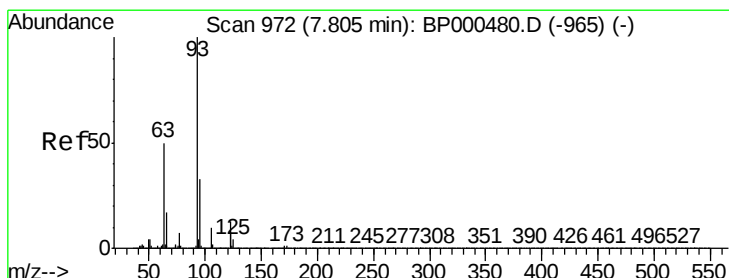
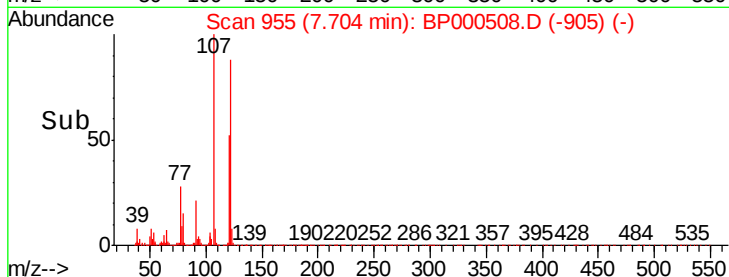
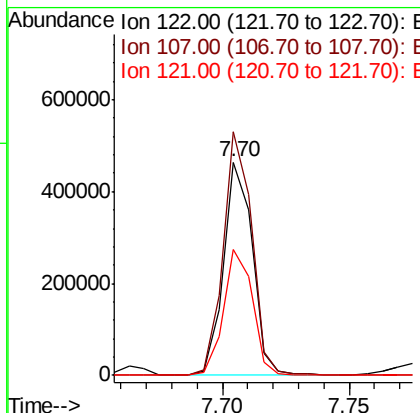
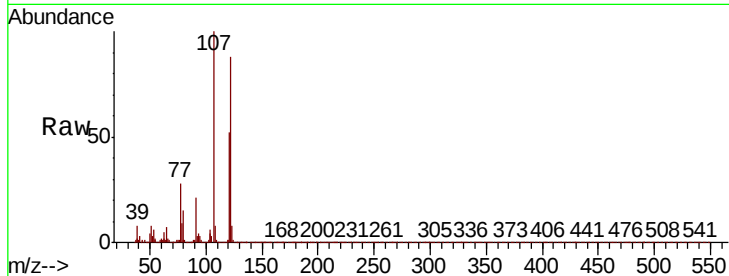




#27  
 2,4-Dimethylphenol  
 Concen: 43.435 ng  
 RT: 7.70 min Scan# 955  
 Delta R.T. -0.01 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

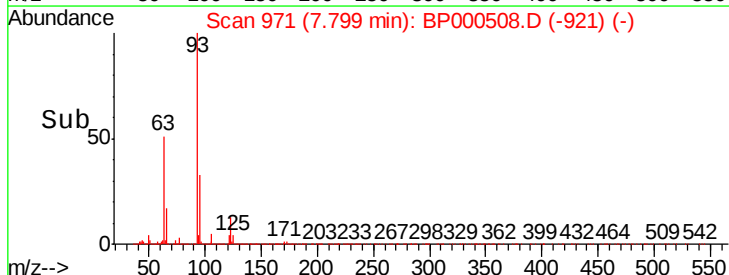
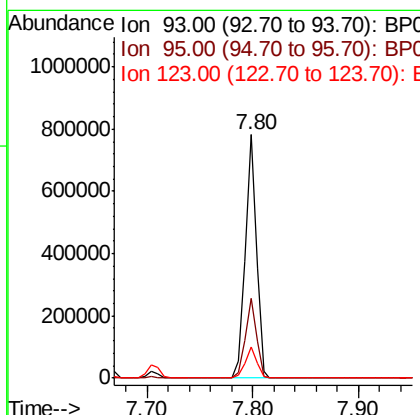
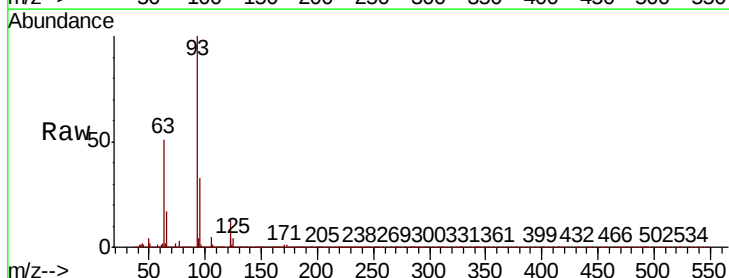
Instrument :  
 BNA\_P  
 ClientSampleId :

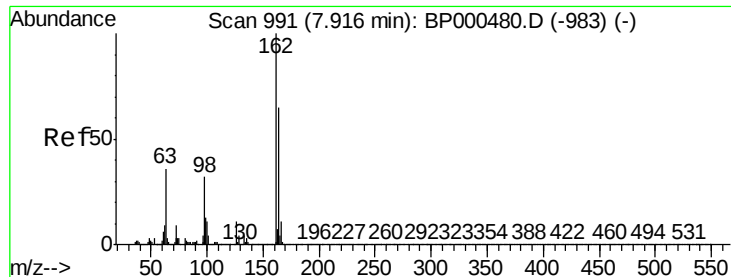
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.2 | 89.9  | 134.9 |
| 121     | 58.8  | 46.6  | 70.0  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.793 ng  
 RT: 7.80 min Scan# 971  
 Delta R.T. -0.01 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.7  | 26.2  | 39.2  |
| 123     | 12.6  | 10.2  | 15.2  |

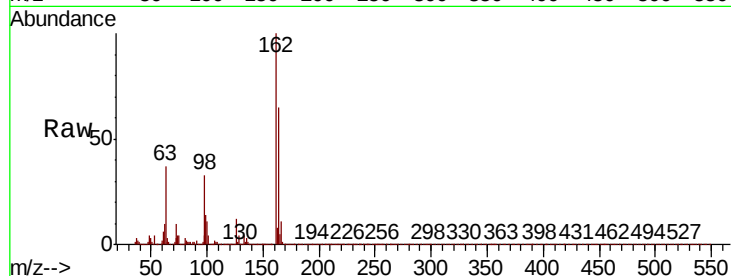




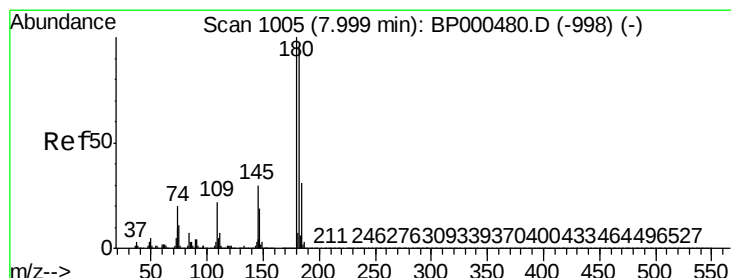
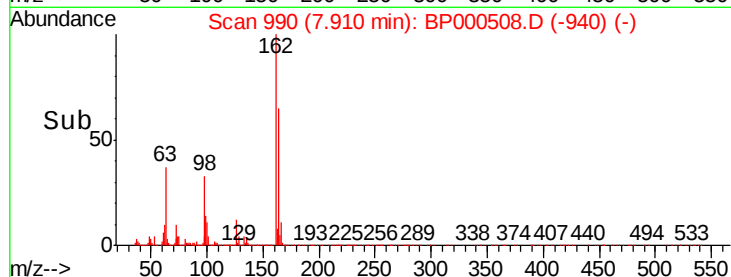
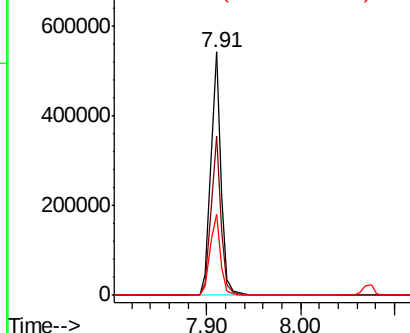
#29  
2,4-Dichlorophenol  
Concen: 44.178 ng  
RT: 7.91 min Scan# 990  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.2  | 44.6  | 84.6  |
| 98      | 33.3  | 11.6  | 51.6  |

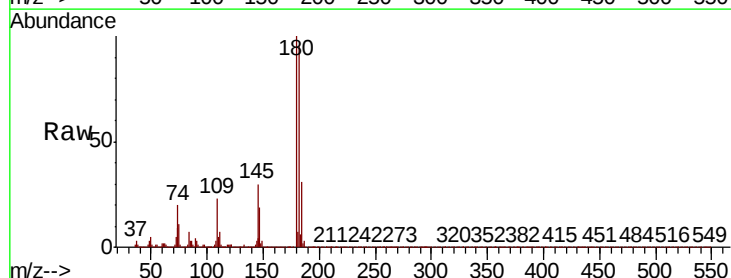


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B

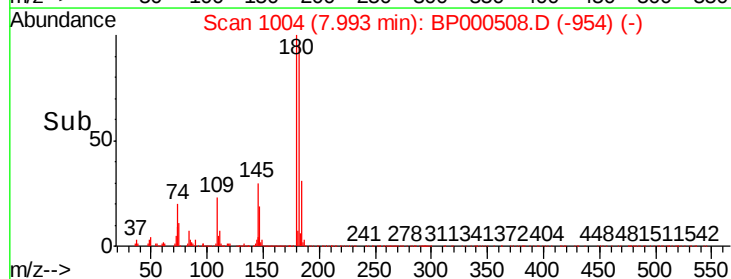
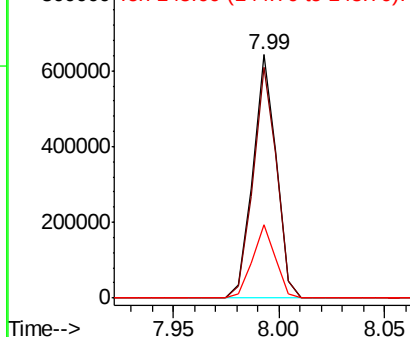


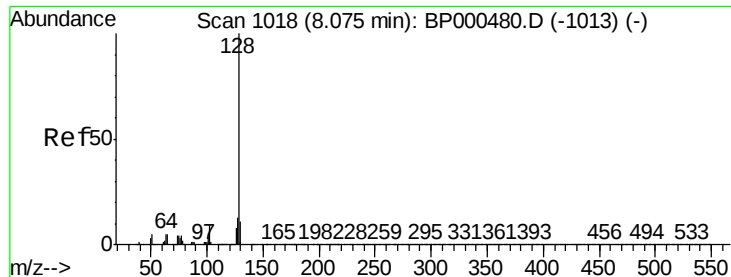
#30  
1,2,4-Trichlorobenzene  
Concen: 44.150 ng  
RT: 7.99 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 76.2  | 114.4 |
| 145     | 30.2  | 23.6  | 35.4  |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E

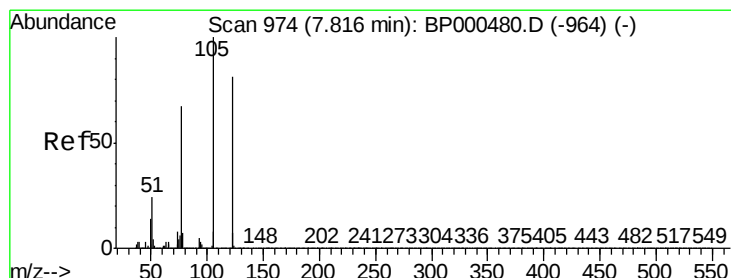
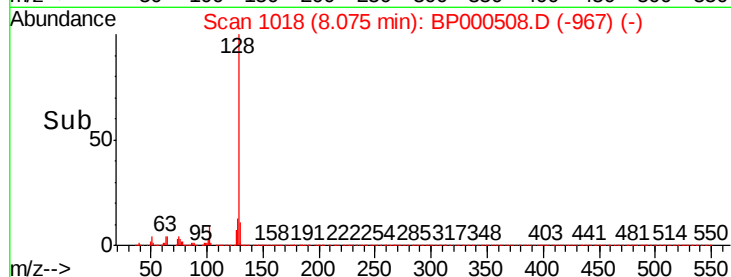
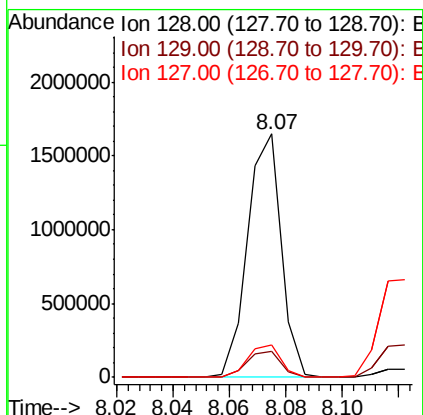
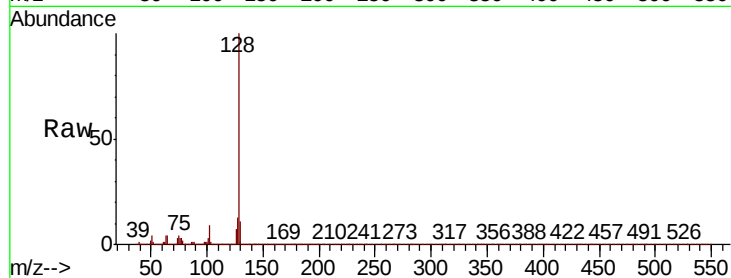




#31  
Naphthalene  
Concen: 44.018 ng  
RT: 8.07 min Scan# 1018  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

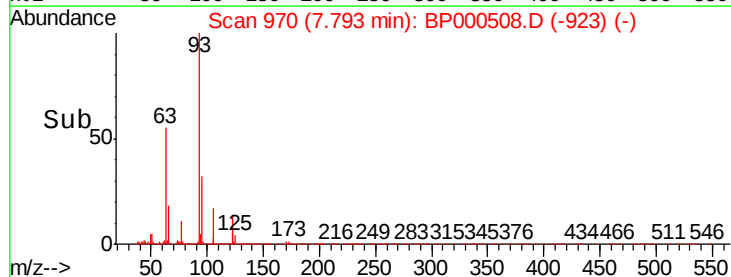
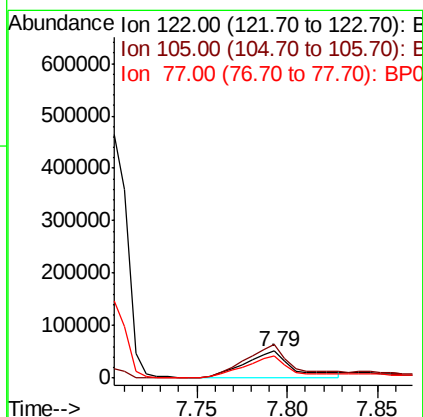
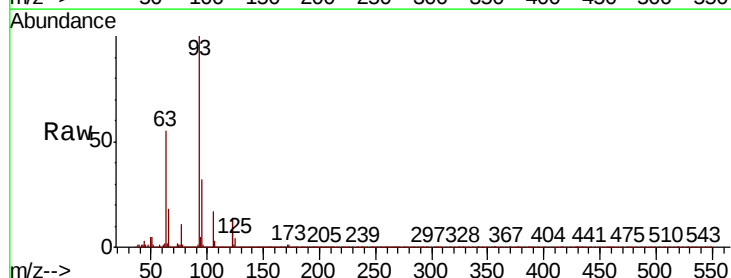
Instrument :  
BNA\_P  
ClientSampleId :

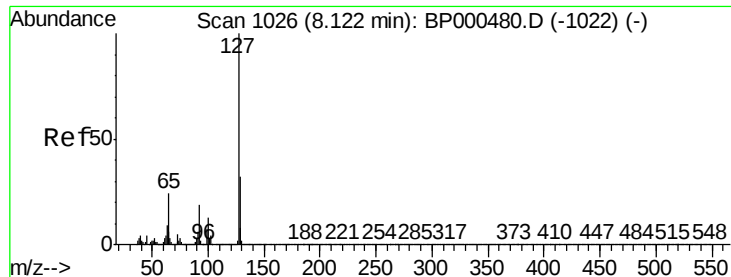
Tot Ion:128 Resp: 1366165  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.6  
127 13.5 10.5 15.7



#32  
Benzoic acid  
Concen: 16.724 ng  
RT: 7.79 min Scan# 970  
Delta R.T. -0.02 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Tgt Ion:122 Resp: 89333  
Ion Ratio Lower Upper  
122 100  
105 124.4 101.4 141.4  
77 82.5 62.1 102.1

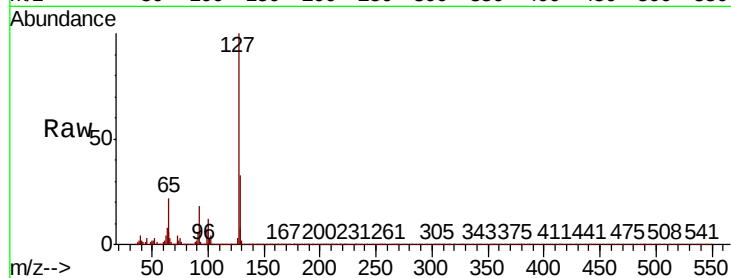




#33  
4-Chloroaniline  
Concen: 44.061 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Instrument :  
BNA\_P  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 600445 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 25.6  | 38.4   |
| 65       | 21.9  | 19.2  | 28.8   |
| 92       | 17.7  | 14.9  | 22.3   |



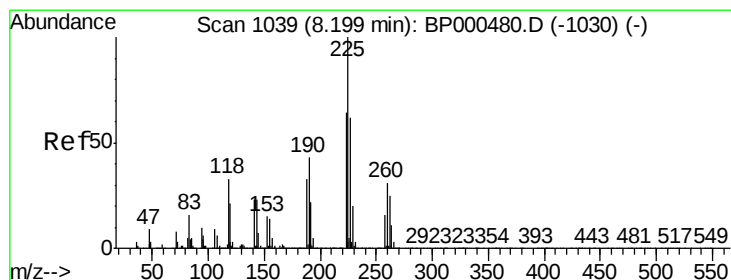
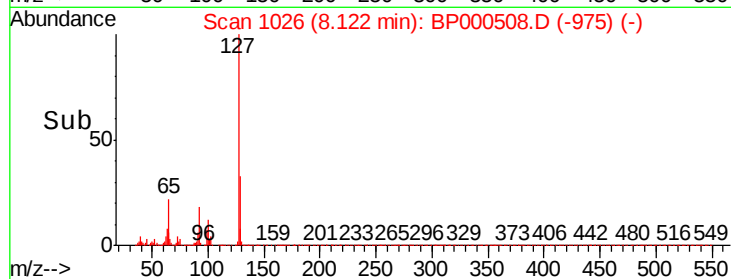
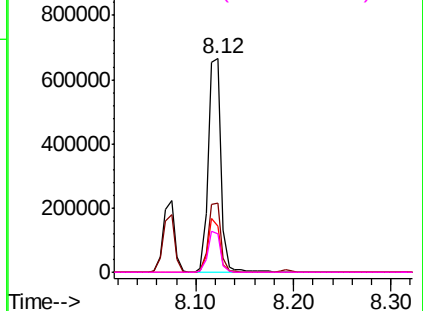
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

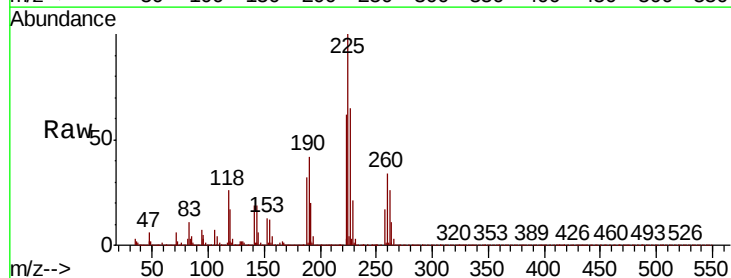
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34  
Hexachlorobutadiene  
Concen: 44.523 ng  
RT: 8.20 min Scan# 1039  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 302260 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 51.4  | 77.0   |
| 227      | 65.3  | 49.7  | 74.5   |

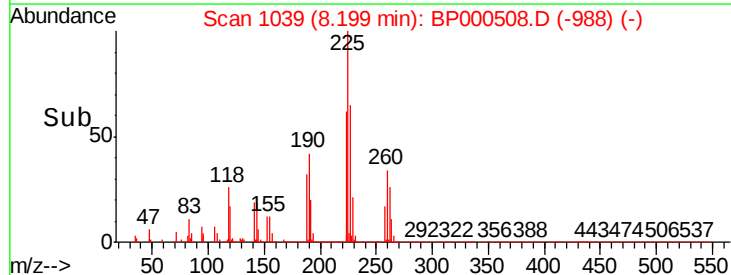
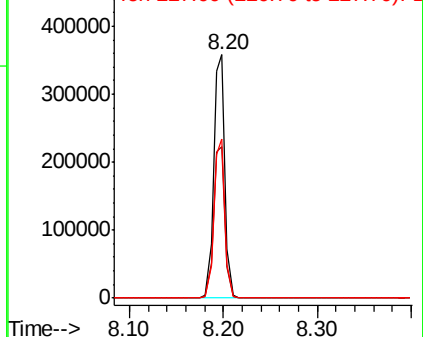


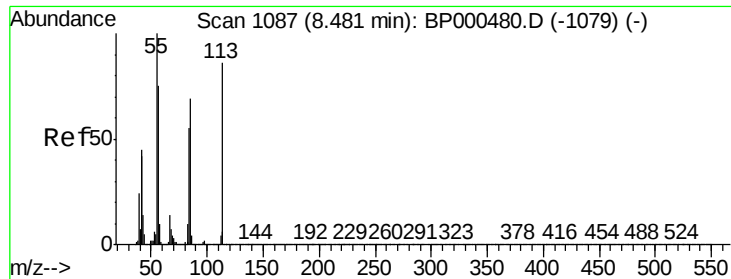
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.923 ng

RT: 8.47 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Instrument :

BNA\_P

ClientSampleId :

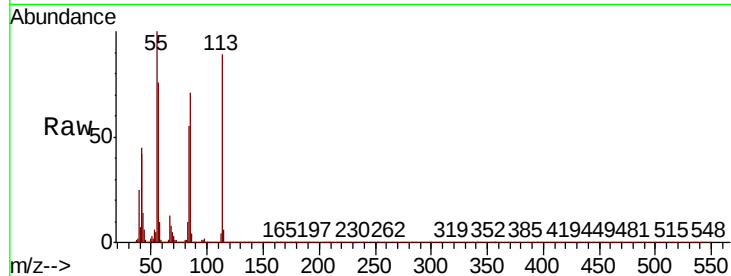
Tot Ion:113 Resp: 143920

Ion Ratio Lower Upper

113 100

55 112.1 95.9 135.9

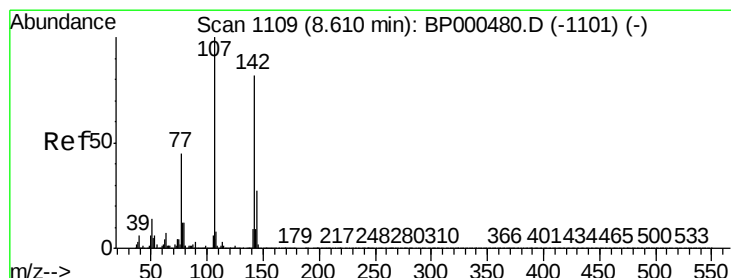
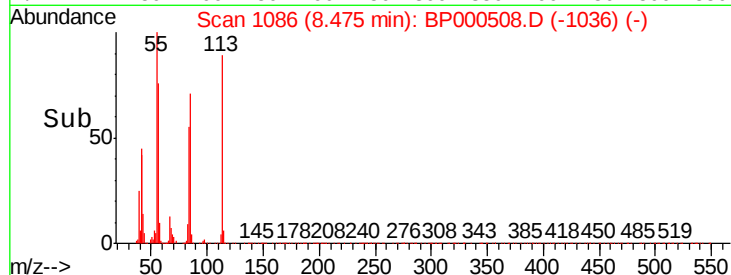
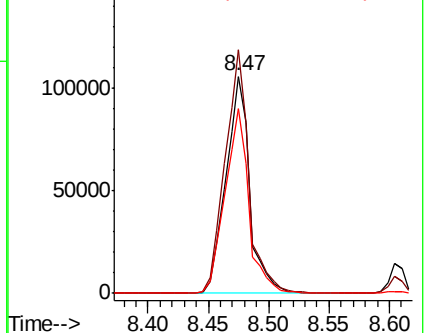
56 85.0 67.2 107.2



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: 44.676 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

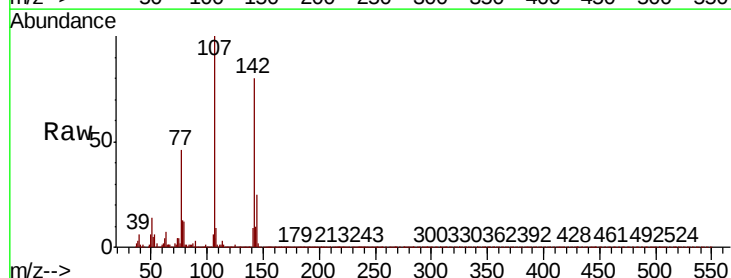
Tgt Ion:107 Resp: 418534

Ion Ratio Lower Upper

107 100

144 25.4 21.8 32.8

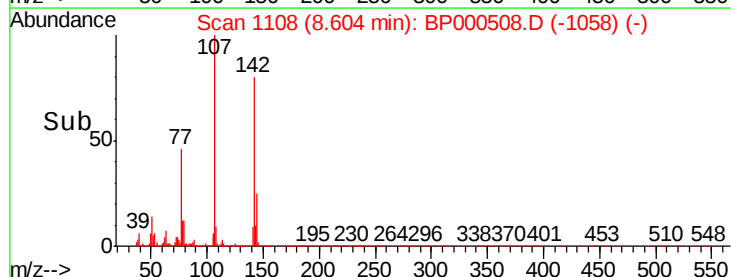
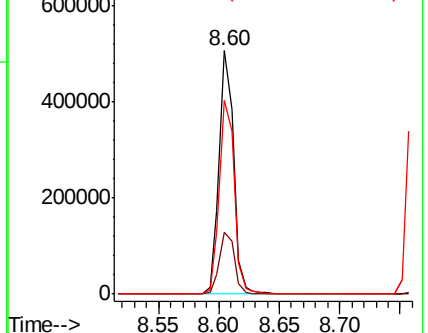
142 79.8 65.5 98.3

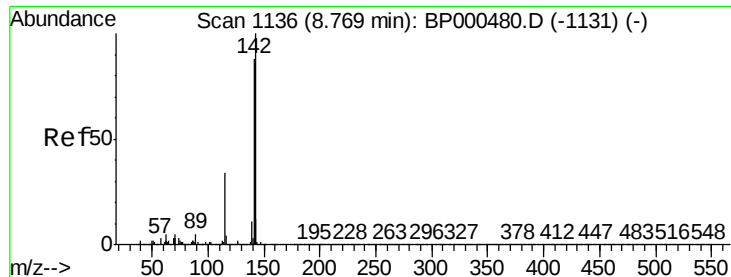


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

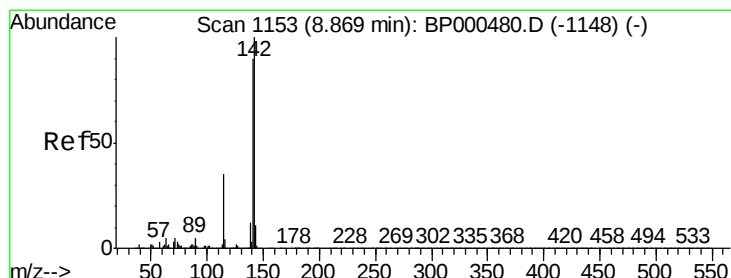
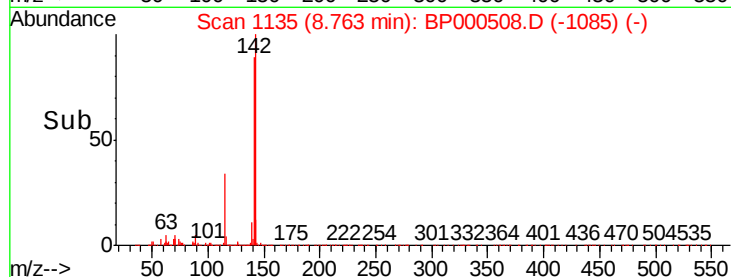
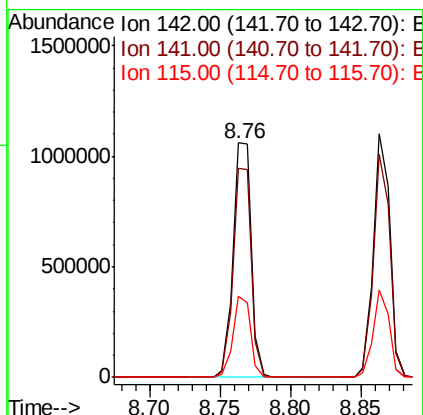
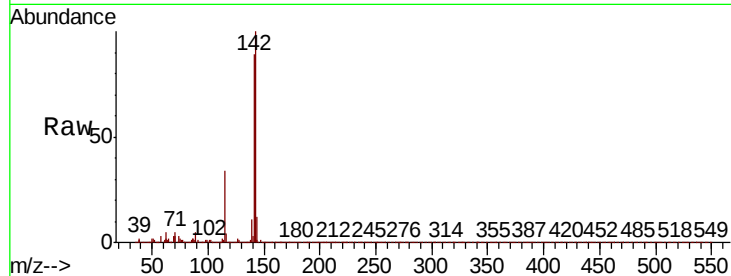




#37  
2-Methylnaphthalene  
Concen: 45.615 ng  
RT: 8.76 min Scan# 1135  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

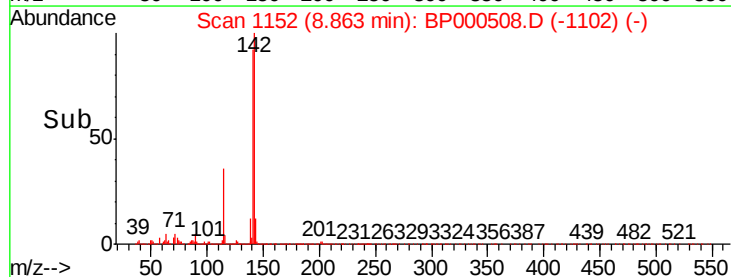
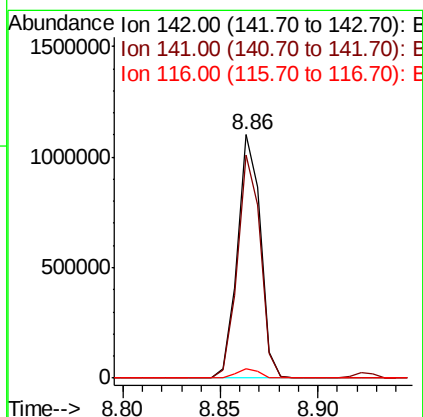
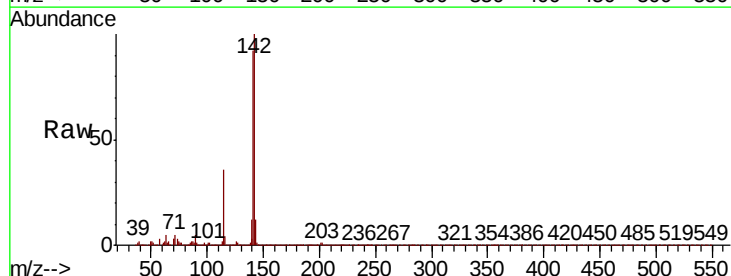
Instrument :  
BNA\_P  
ClientSampled :

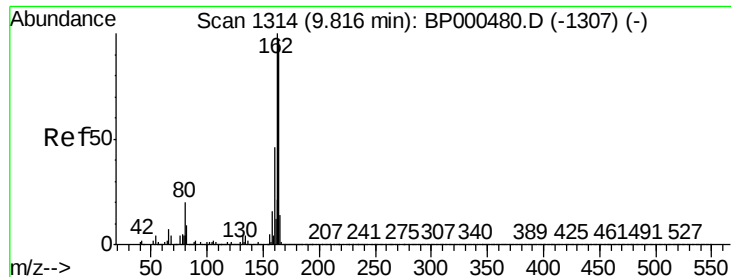
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 70.6  | 106.0 |
| 115     | 34.4  | 27.4  | 41.0  |



#38  
1-Methylnaphthalene  
Concen: 45.557 ng  
RT: 8.86 min Scan# 1152  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.6  | 71.9  | 107.9 |
| 116     | 3.8   | 3.0   | 4.4   |

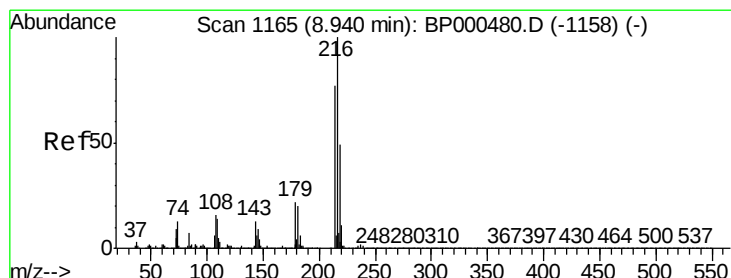
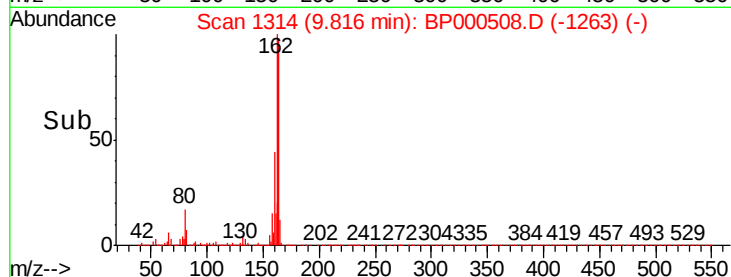
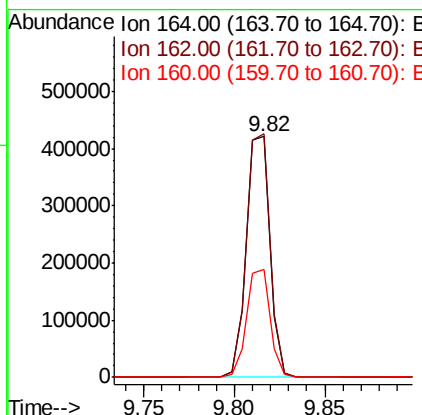
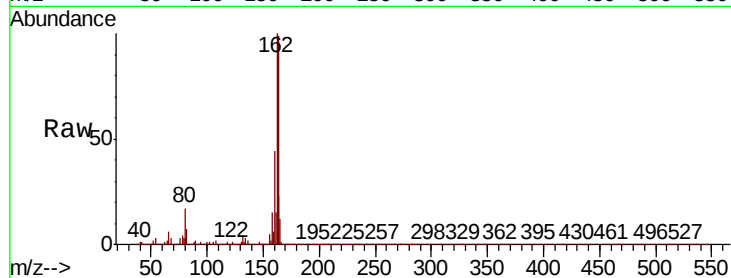




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.82 min Scan# 1314  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

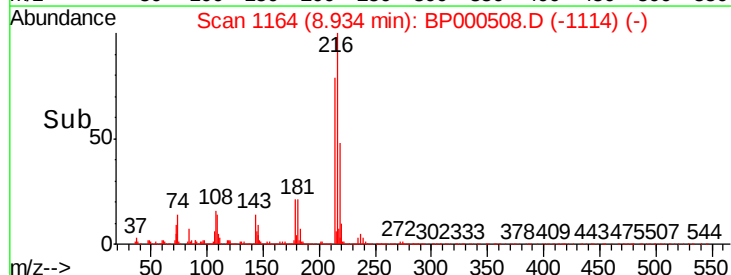
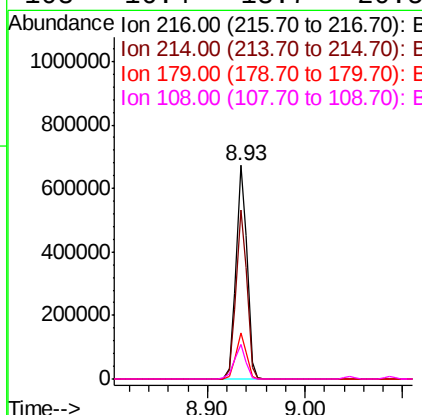
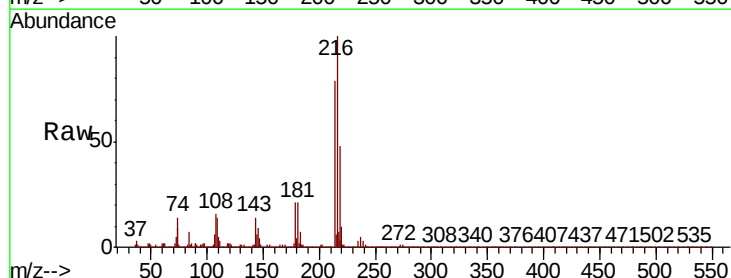
Instrument :  
BNA\_P  
ClientSampleId :

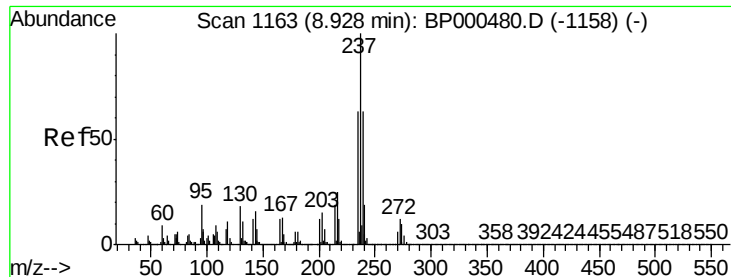
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.3 | 82.2  | 123.2 |
| 160     | 44.7  | 37.6  | 56.4  |



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.548 ng  
RT: 8.93 min Scan# 1164  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.7  | 62.7  | 94.1  |
| 179     | 20.8  | 16.7  | 25.1  |
| 108     | 16.4  | 13.7  | 20.5  |

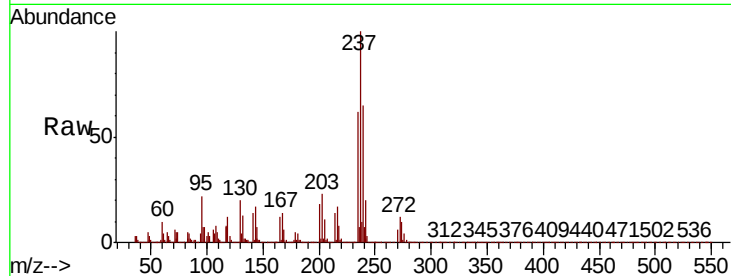




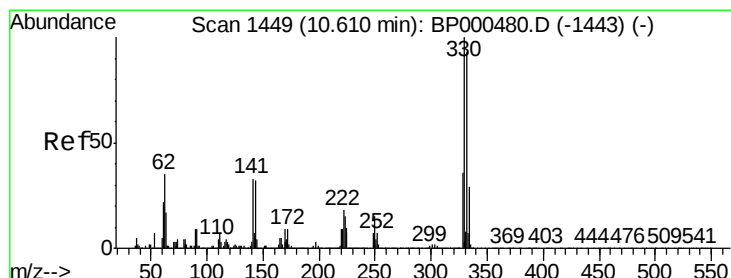
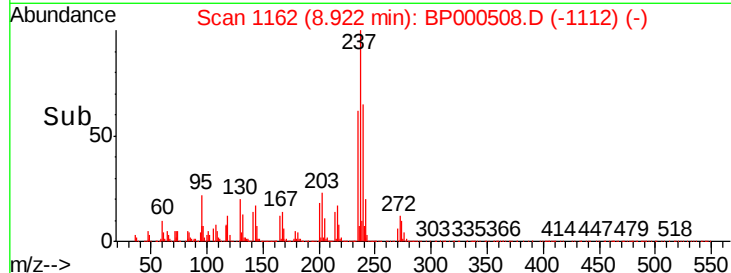
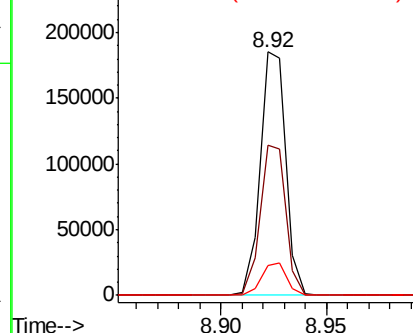
#41  
Hexachlorocyclopentadiene  
Concen: 36.909 ng  
RT: 8.92 min Scan# 1162  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 61.9  | 42.9  | 82.9  |
| 272     | 12.4  | 0.0   | 32.4  |

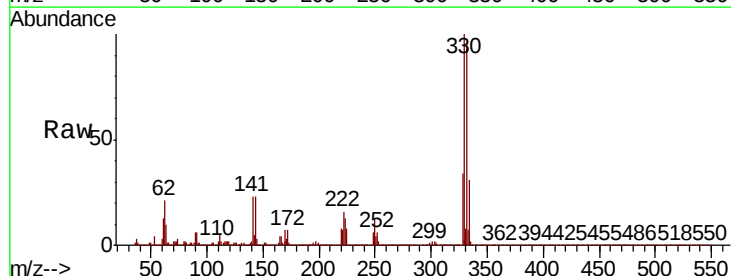


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

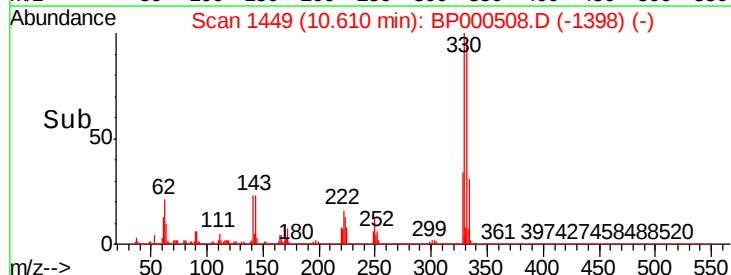
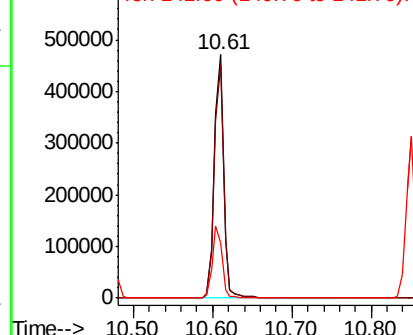


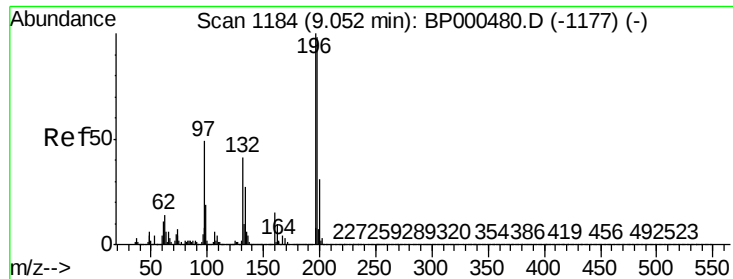
#42  
2,4,6-Tribromophenol  
Concen: 95.668 ng  
RT: 10.61 min Scan# 1449  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 77.1  | 115.7 |
| 141     | 30.7  | 26.0  | 39.0  |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

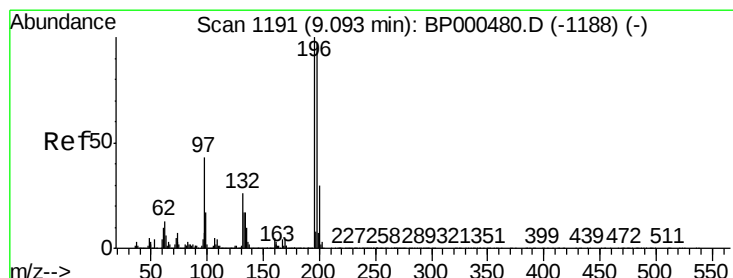
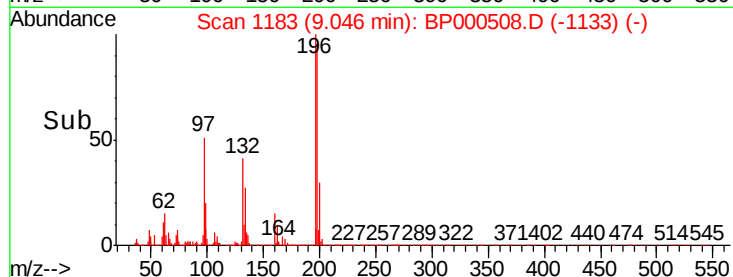
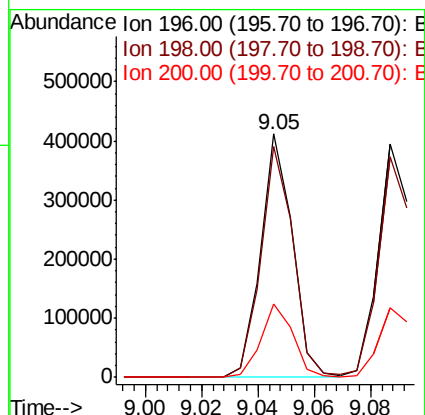
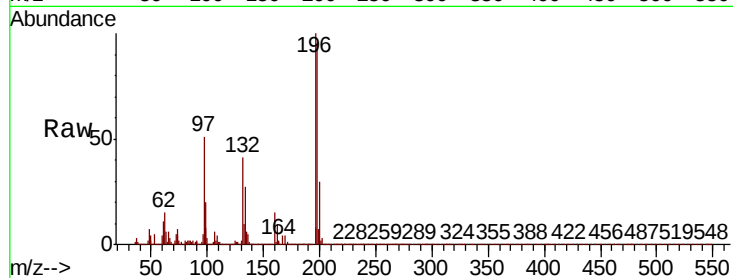




#43  
 2,4,6-Trichlorophenol  
 Concen: 43.556 ng  
 RT: 9.05 min Scan# 1183  
 Delta R.T. -0.01 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

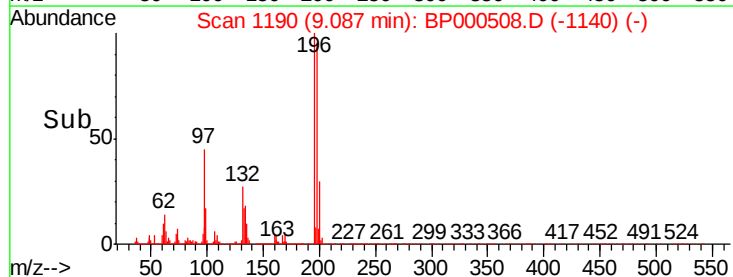
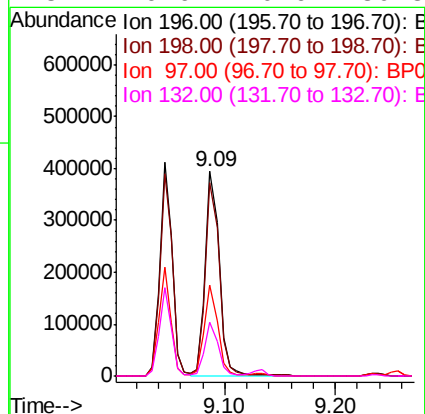
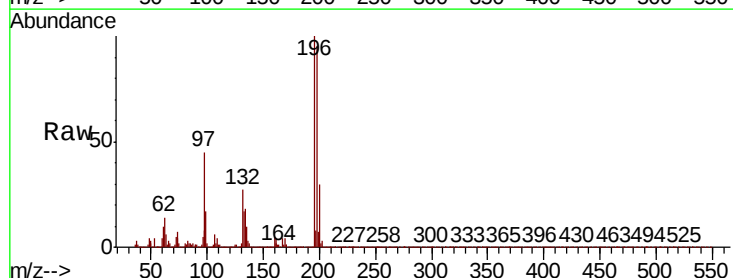
Instrument :  
 BNA\_P  
 ClientSampleId :

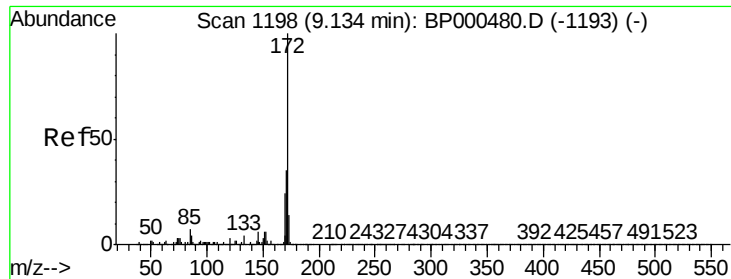
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.8  | 78.2  | 117.2 |
| 200     | 30.3  | 24.9  | 37.3  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.180 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. -0.01 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.5  | 77.4  | 116.0 |
| 97      | 44.7  | 34.6  | 51.8  |
| 132     | 26.6  | 20.6  | 30.8  |

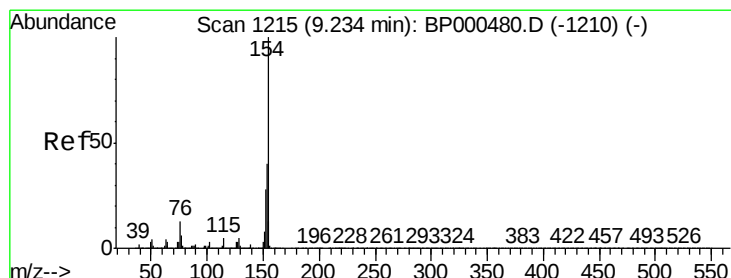
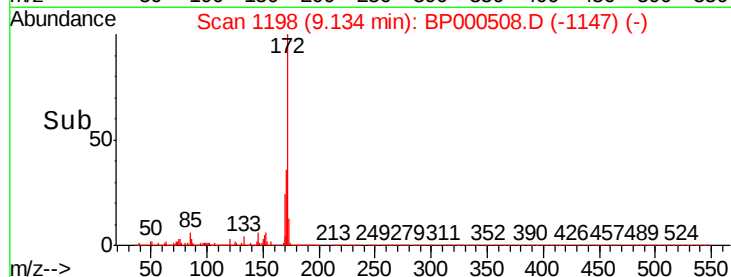
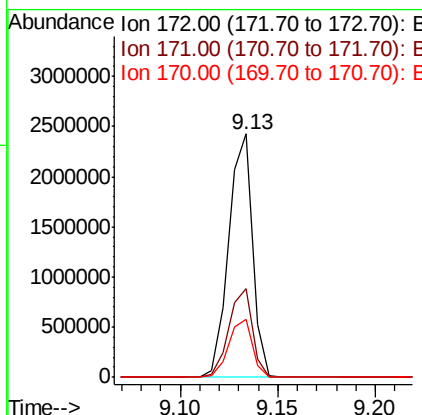
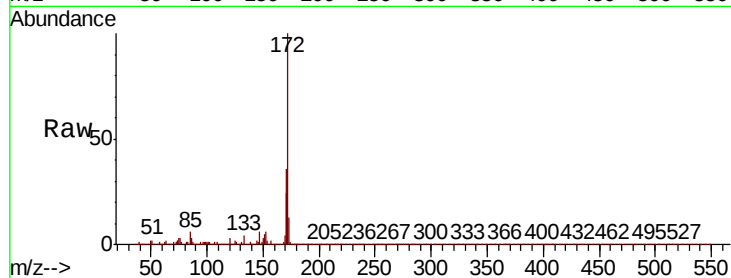




#45  
2-Fluorobiphenyl  
Concen: 87.433 ng  
RT: 9.13 min Scan# 1198  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

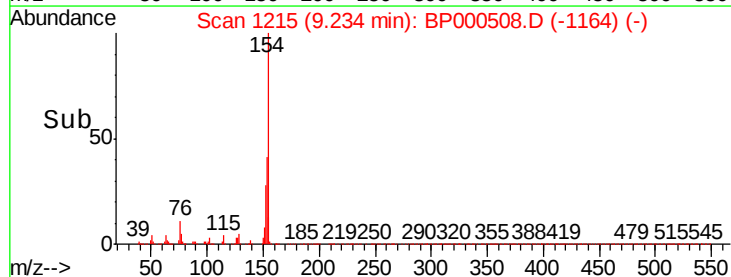
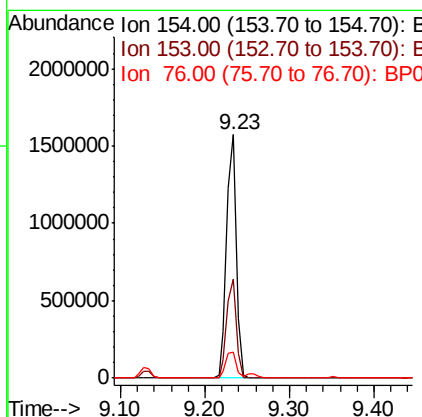
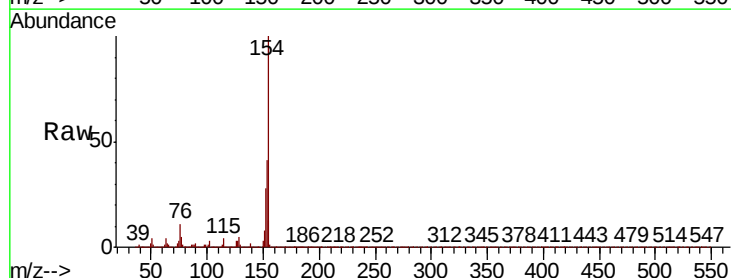
Instrument :  
BNA\_P  
ClientSampleId :

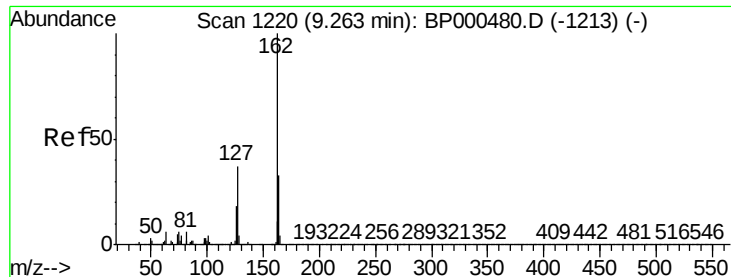
Tot Ion:172 Resp: 2051337  
Ion Ratio Lower Upper  
172 100  
171 36.5 28.4 42.6  
170 24.0 19.1 28.7



#46  
1,1'-Biphenyl  
Concen: 43.473 ng  
RT: 9.23 min Scan# 1215  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Tgt Ion:154 Resp: 1245669  
Ion Ratio Lower Upper  
154 100  
153 40.7 19.9 59.9  
76 10.6 0.0 32.8

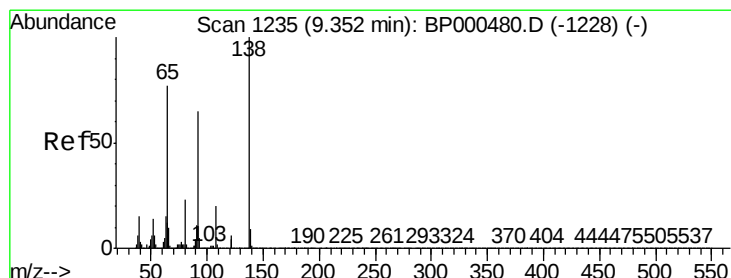
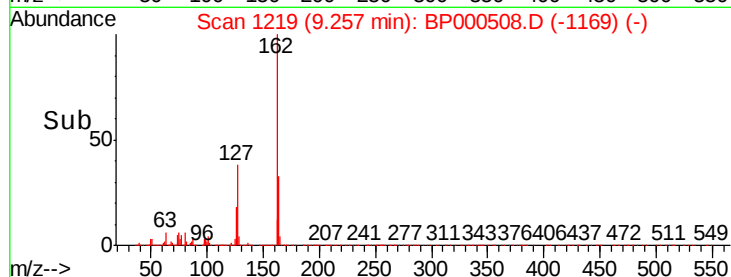
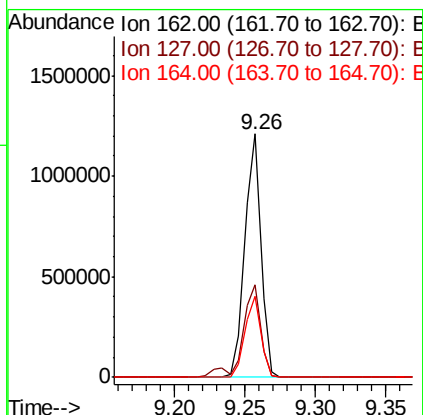
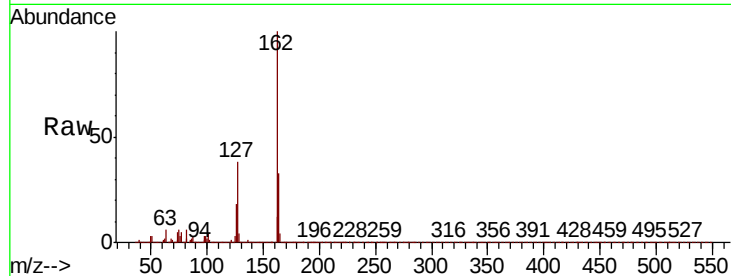




#47  
2-Chloronaphthalene  
Concen: 43.375 ng  
RT: 9.26 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

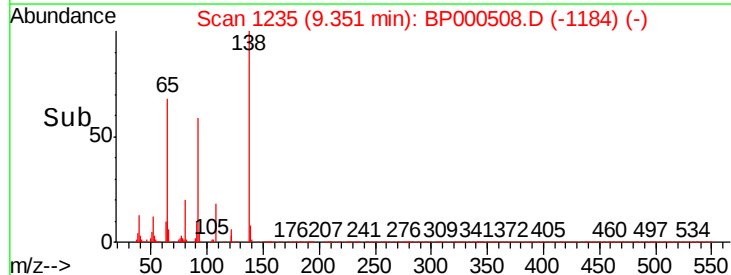
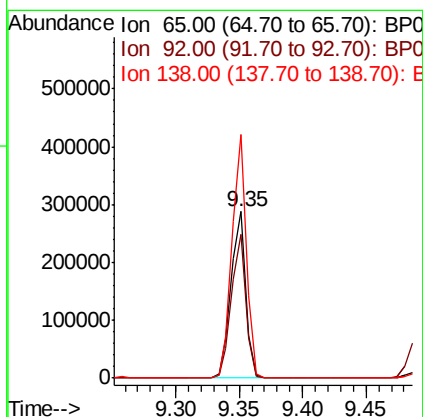
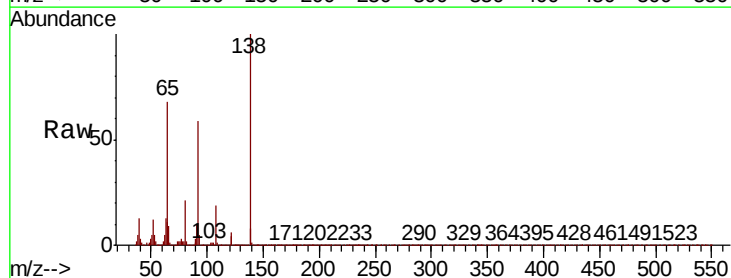
Instrument :  
BNA\_P  
ClientSampleId :

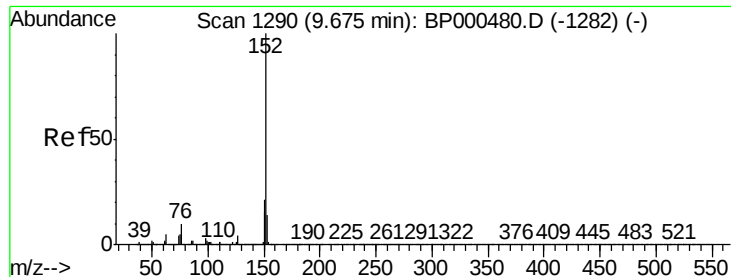
Tot Ion: 162 Resp: 961051  
Ion Ratio Lower Upper  
162 100  
127 38.2 29.8 44.6  
164 33.2 26.6 39.8



#48  
2-Nitroaniline  
Concen: 42.880 ng  
RT: 9.35 min Scan# 1235  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Tgt Ion: 65 Resp: 230020  
Ion Ratio Lower Upper  
65 100  
92 86.6 67.0 100.4  
138 146.2 103.5 155.3





#49

Acenaphthylene

Concen: 43.629 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

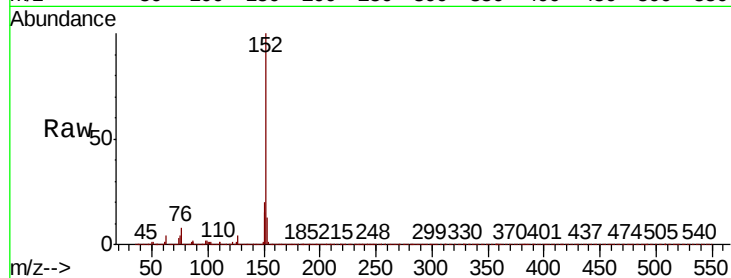
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:152 Resp: 1458436

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.3  | 16.6  | 25.0  |
| 153 | 13.2  | 11.0  | 16.6  |

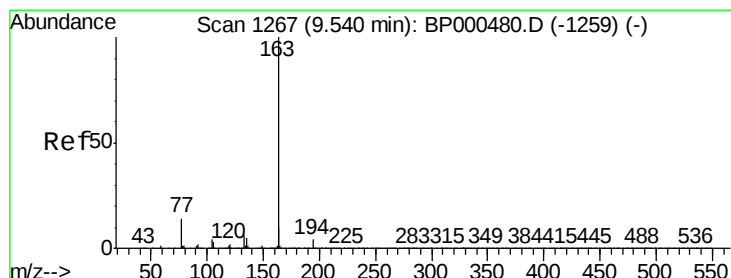
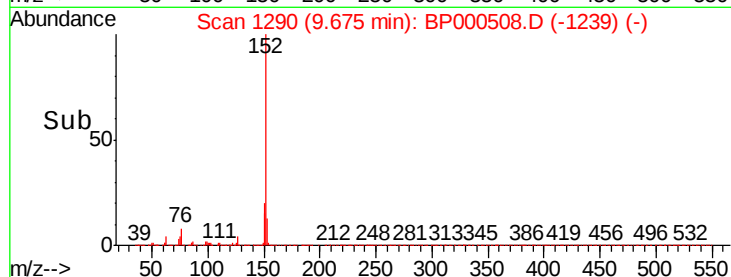
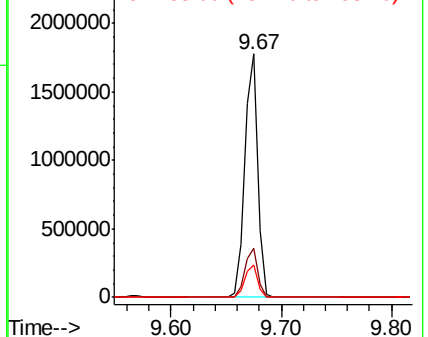


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.181 ng

RT: 9.53 min Scan# 1266

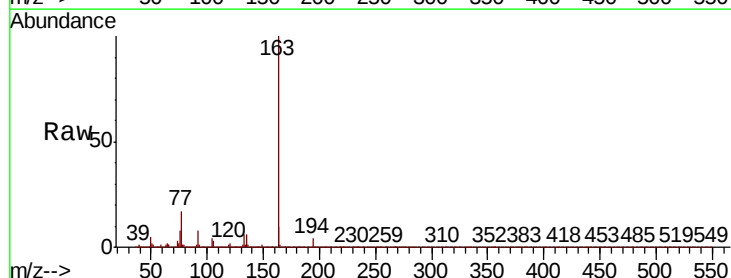
Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Tgt Ion:163 Resp: 1138984

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.3   | 3.4   | 5.2   |
| 164 | 10.3  | 8.0   | 12.0  |

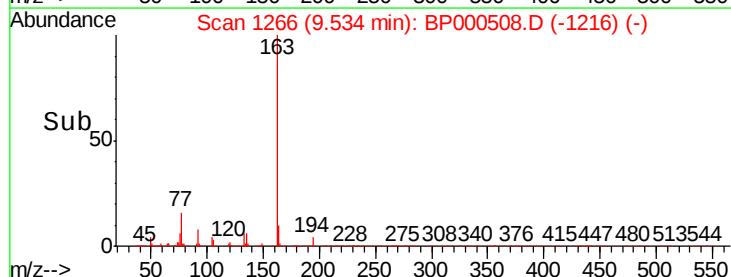
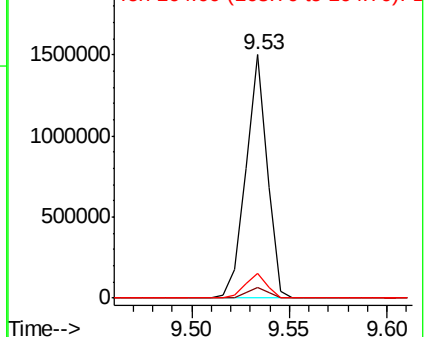


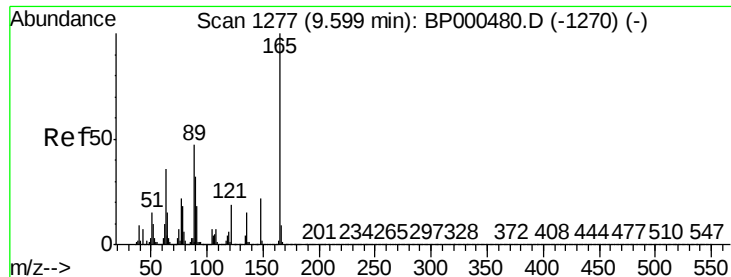
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

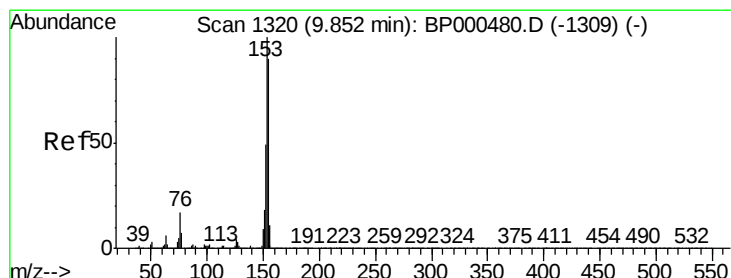
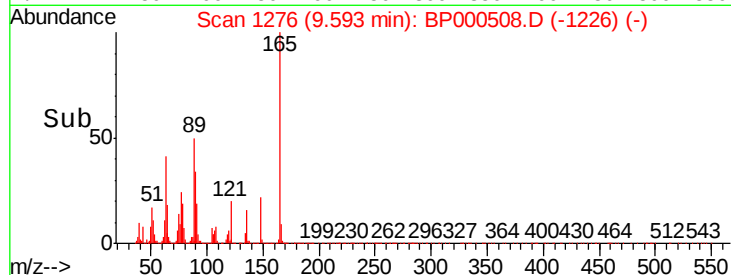
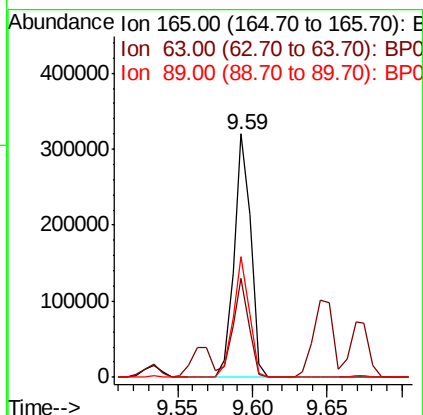
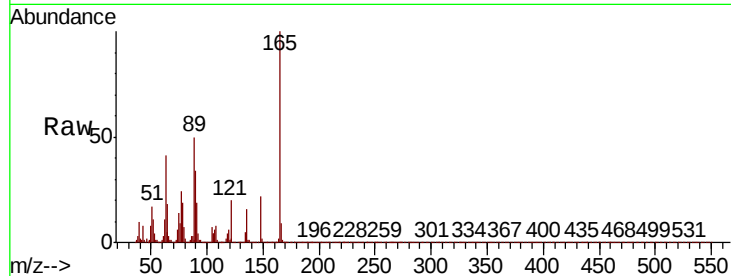




#51  
 2,6-Dinitrotoluene  
 Concen: 43.719 ng  
 RT: 9.59 min Scan# 1276  
 Delta R.T. -0.01 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

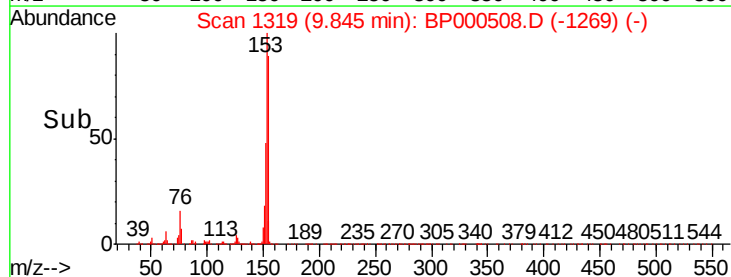
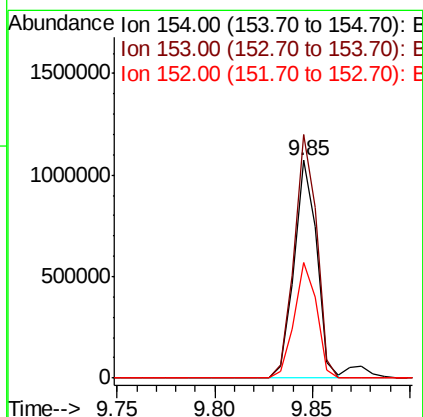
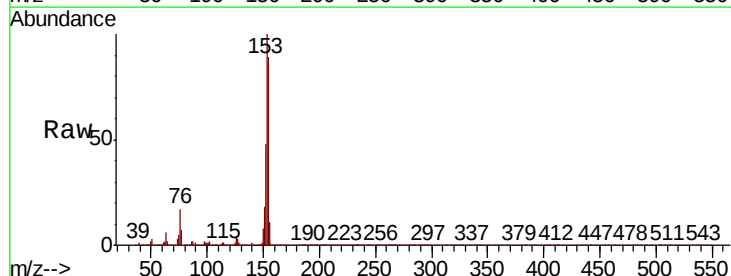
Instrument :  
 BNA\_P  
 ClientSampleId :

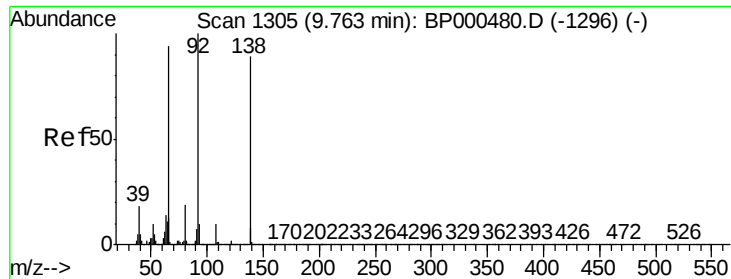
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 40.7  | 29.9  | 44.9  |
| 89      | 49.5  | 37.3  | 55.9  |



#52  
 Acenaphthene  
 Concen: 42.351 ng  
 RT: 9.85 min Scan# 1319  
 Delta R.T. -0.01 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.0 | 89.4  | 134.0 |
| 152     | 53.4  | 43.8  | 65.8  |

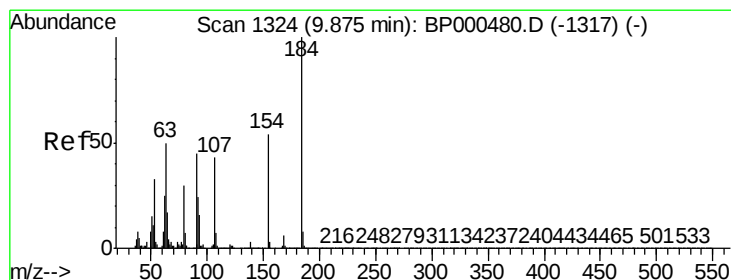
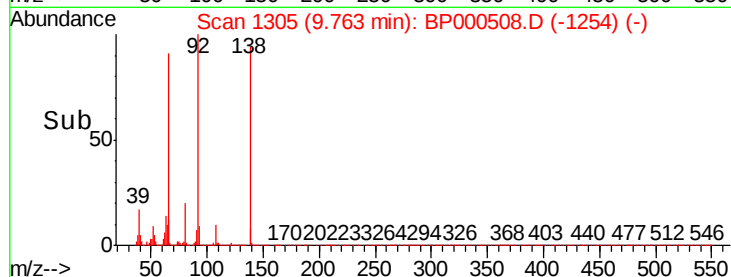
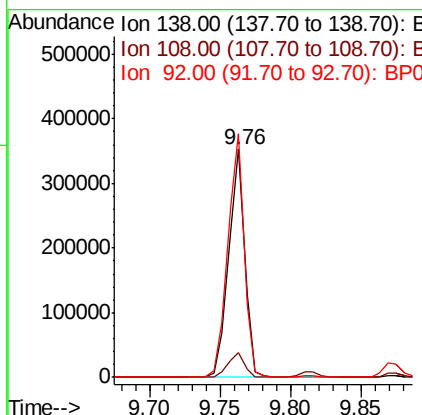
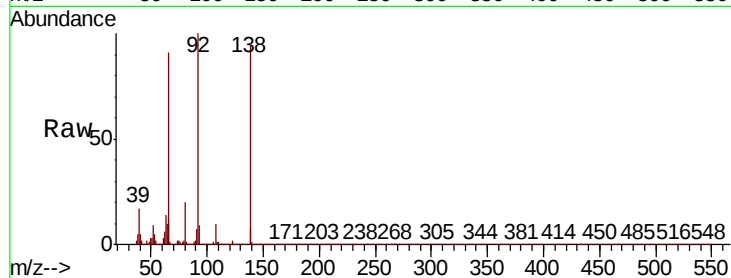




#53  
3-Nitroaniline  
Concen: 42.708 ng  
RT: 9.76 min Scan# 1305  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

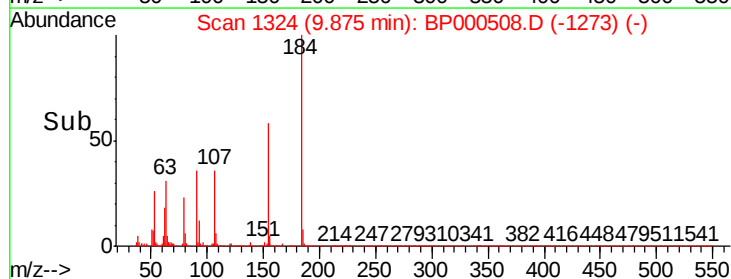
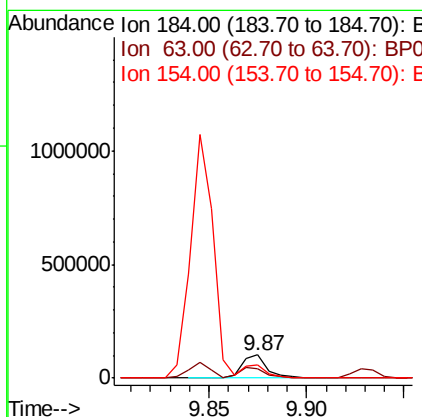
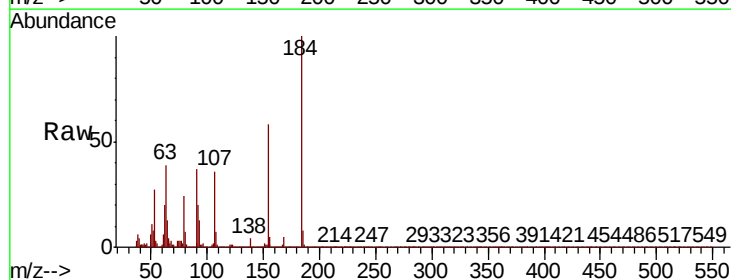
Instrument :  
BNA\_P  
ClientSampleId :

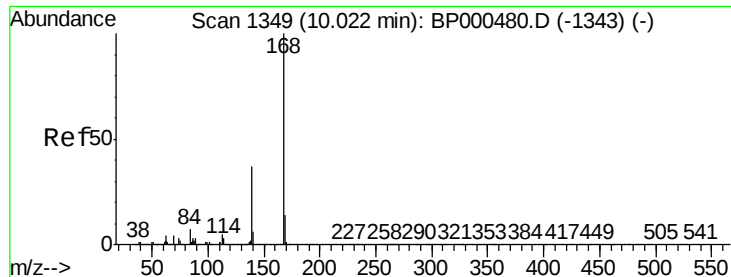
Tot Ion:138 Resp: 281487  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.8 13.2  
92 106.8 90.4 135.6



#54  
2,4-Dinitrophenol  
Concen: 48.883 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Tgt Ion:184 Resp: 93826  
Ion Ratio Lower Upper  
184 100  
63 39.5 41.0 61.4#  
154 57.9 49.8 74.8





#55

Dibenzofuran

Concen: 43.903 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

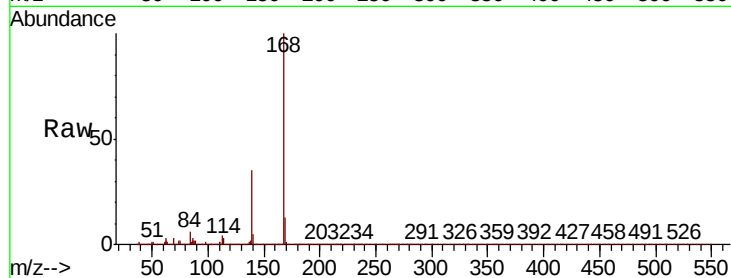
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:168 Resp: 1330786

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 35.4  | 29.5  | 44.3  |
| 169 | 13.2  | 11.1  | 16.7  |

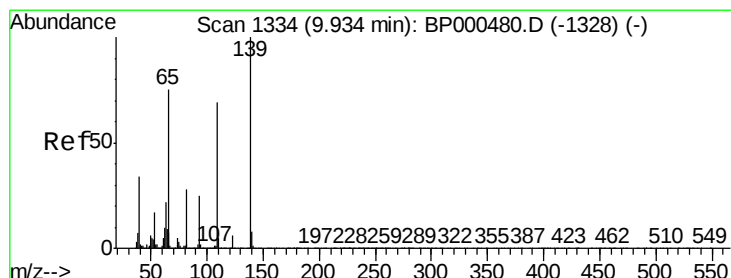
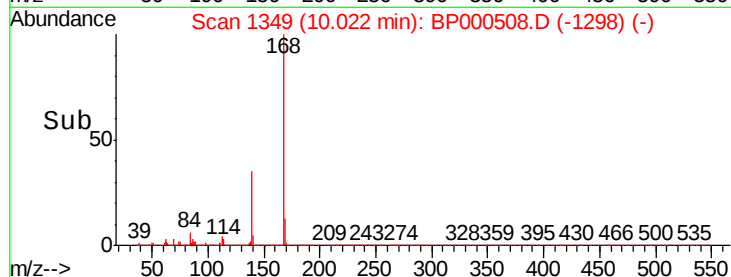
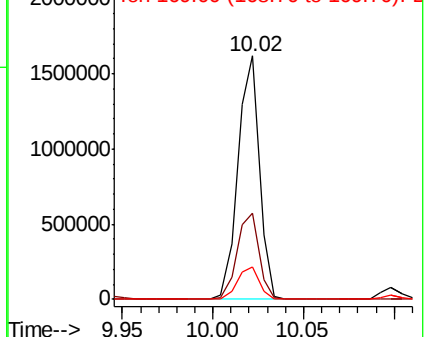


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 43.664 ng

RT: 9.93 min Scan# 1334

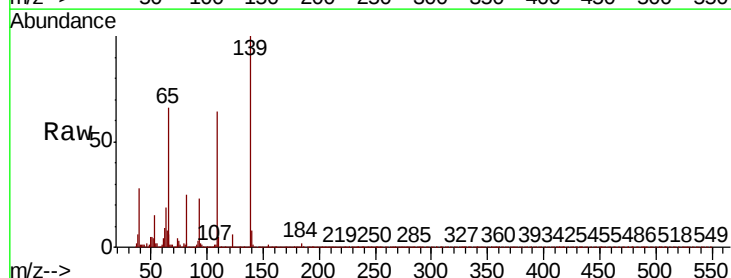
Delta R.T. -0.00 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Tgt Ion:139 Resp: 183736

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 64.4  | 48.6  | 88.6  |
| 65  | 65.8  | 55.3  | 95.3  |

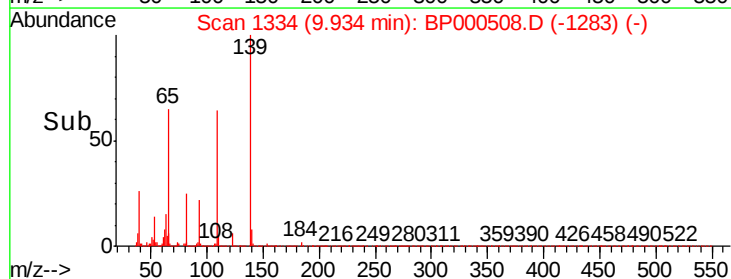
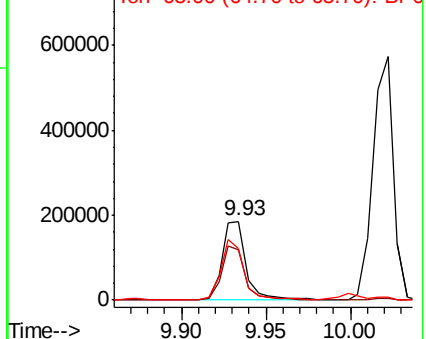


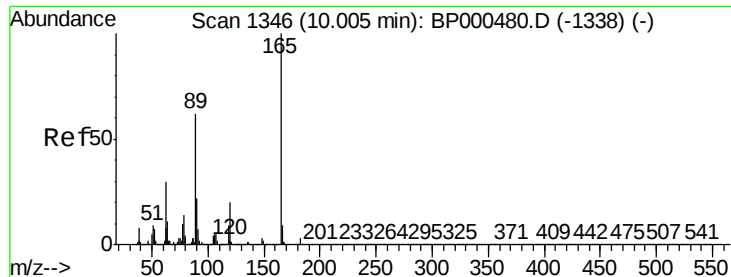
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

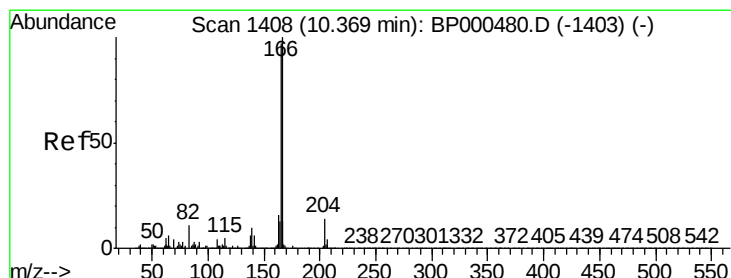
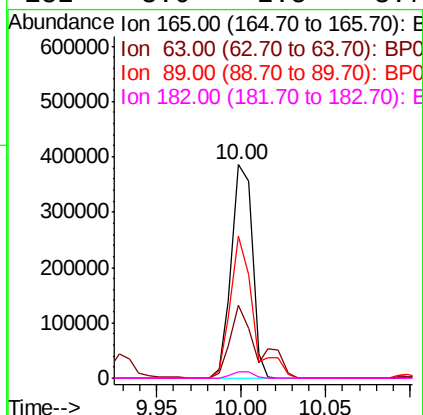
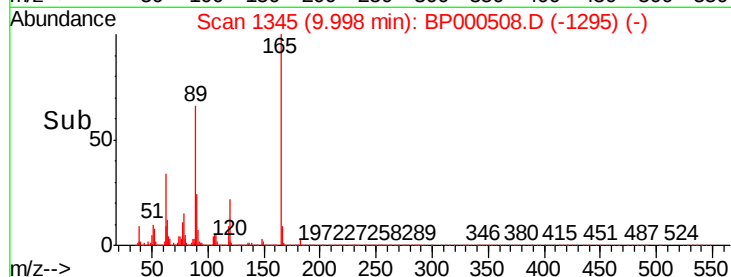
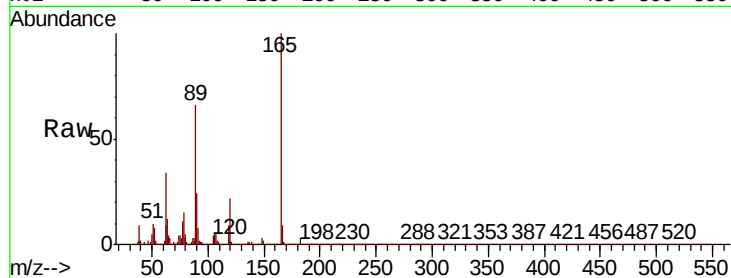




#57  
2,4-Dinitrotoluene  
Concen: 43.762 ng  
RT: 10.00 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

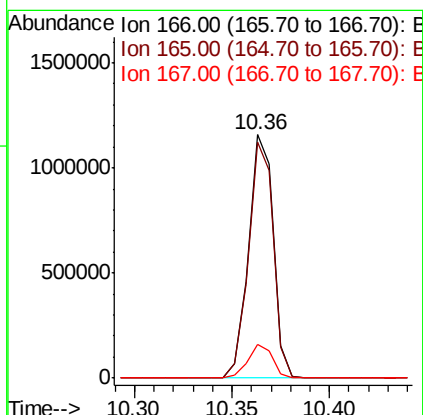
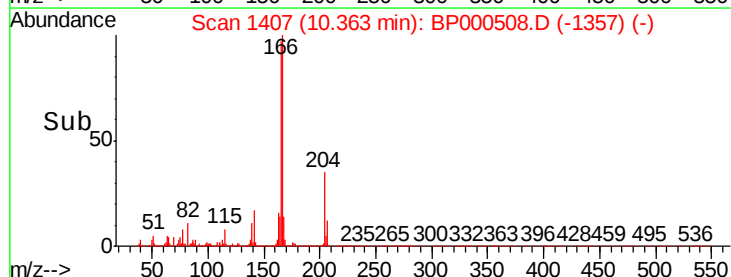
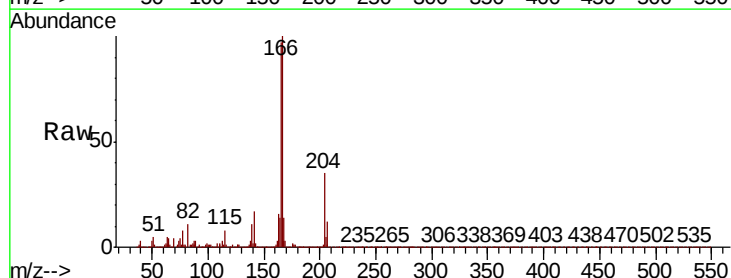
Instrument :  
BNA\_P  
ClientSampleId :

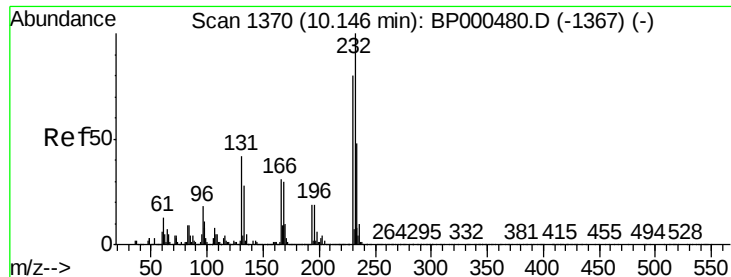
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 34.1  | 24.2  | 36.4  |
| 89      | 66.4  | 49.4  | 74.0  |
| 182     | 3.0   | 2.5   | 3.7   |



#58  
Fluorene  
Concen: 46.850 ng  
RT: 10.36 min Scan# 1407  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.0  | 77.3  | 115.9 |
| 167     | 13.9  | 10.6  | 16.0  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.281 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BP000508.D

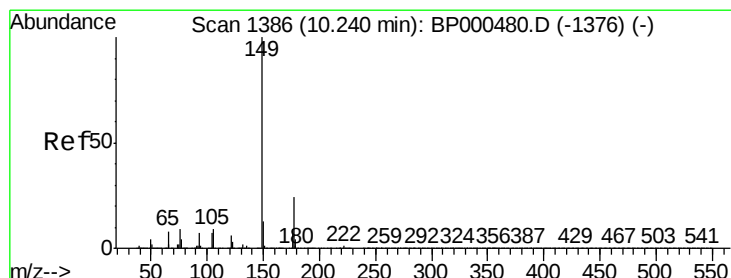
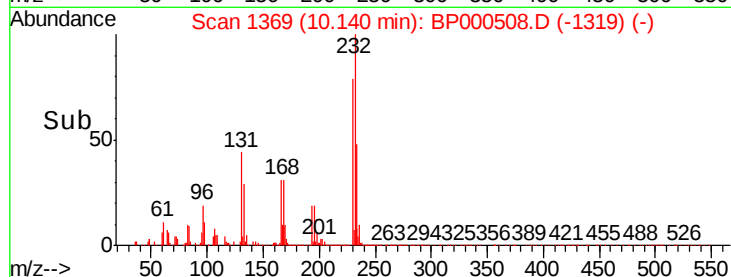
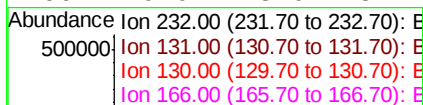
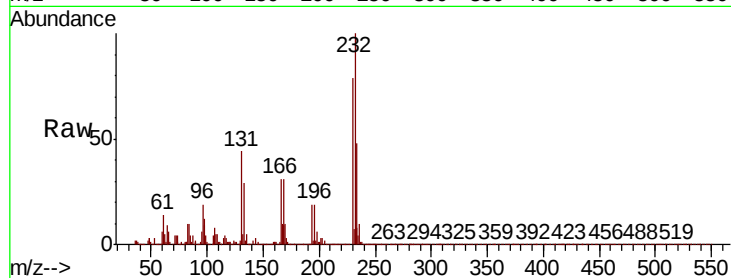
Acq: 04 Oct 2019 15:36

Instrument :

BNA\_P

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 285855 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 39.9  | 32.1  | 48.1   |
| 130      | 2.1   | 1.6   | 2.4    |
| 166      | 29.0  | 23.0  | 34.4   |



#60

Diethylphthalate

Concen: 44.362 ng

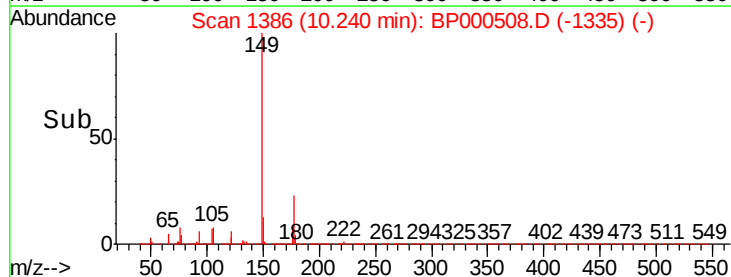
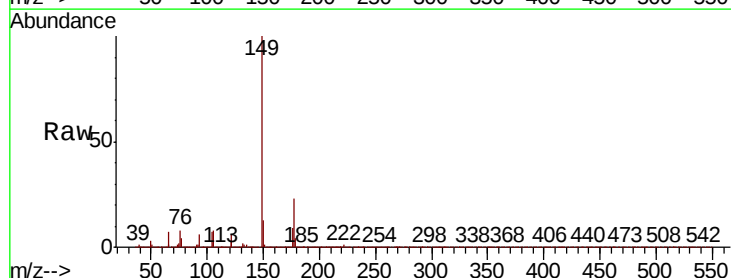
RT: 10.24 min Scan# 1386

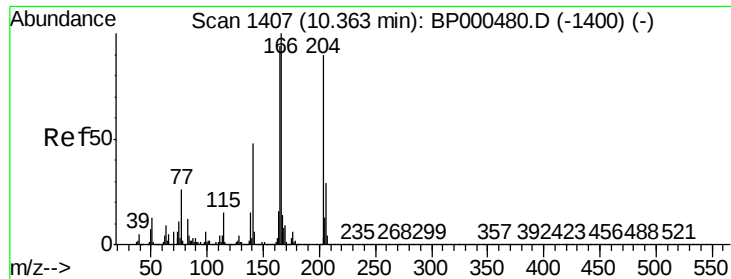
Delta R.T. -0.00 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1110771 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.9  | 19.0  | 28.6    |
| 150      | 12.7  | 10.8  | 16.2    |

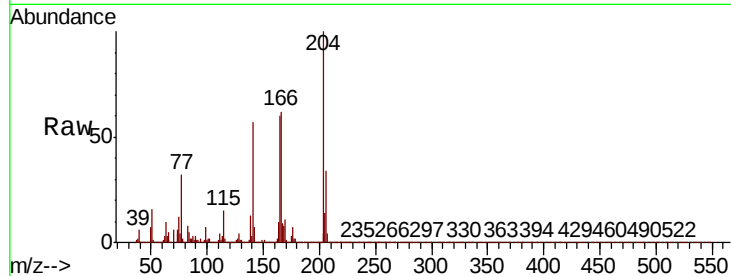




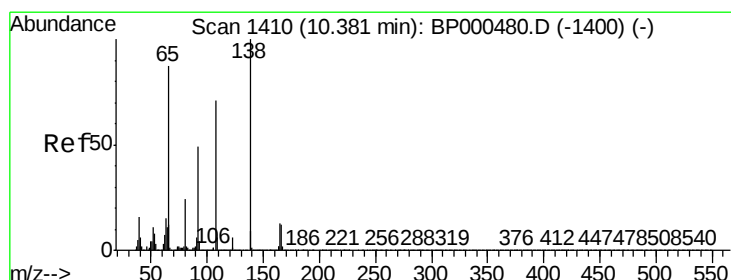
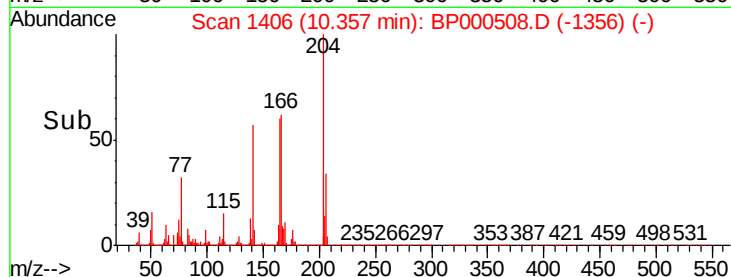
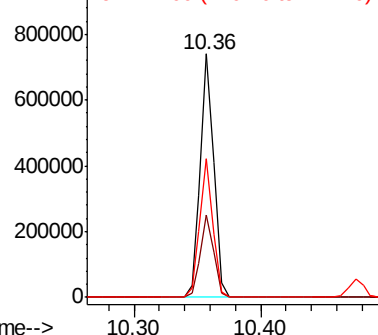
#61  
4-Chlorophenyl-phenylether  
Concen: 46.870 ng  
RT: 10.36 min Scan# 1406  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Instrument :  
BNA\_P  
ClientSampled :

Tot Ion:204 Resp: 544492  
Ion Ratio Lower Upper  
204 100  
206 33.7 25.8 38.8  
141 57.1 42.8 64.2

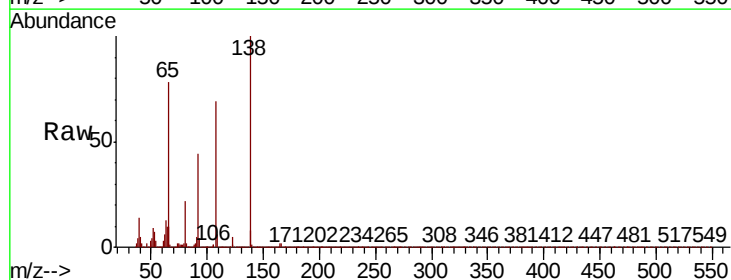


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

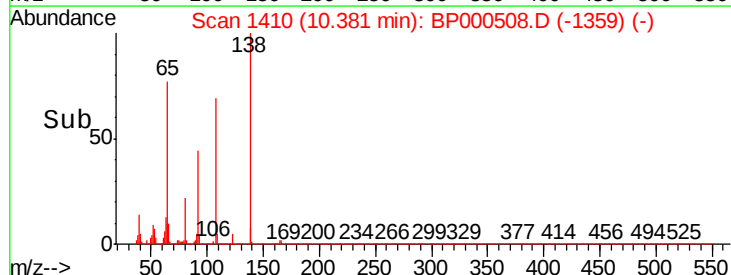
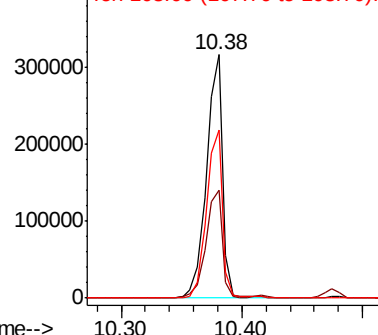


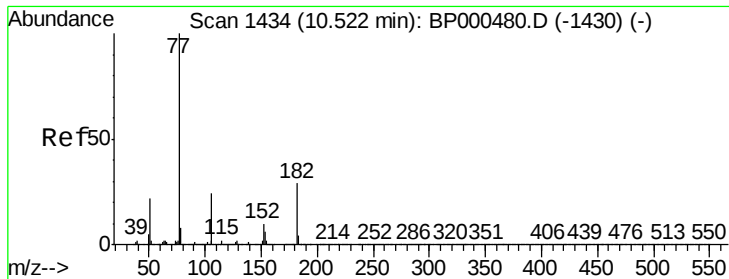
#62  
4-Nitroaniline  
Concen: 46.392 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Tgt Ion:138 Resp: 294072  
Ion Ratio Lower Upper  
138 100  
92 44.5 28.7 68.7  
108 68.9 50.6 90.6



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BP0  
Ion 108.00 (107.70 to 108.70): E

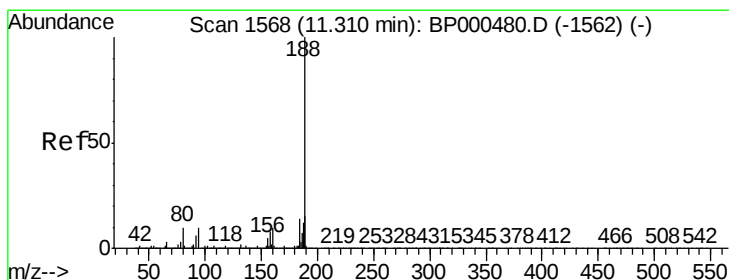
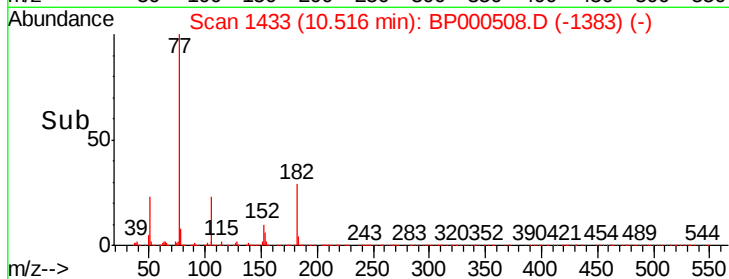
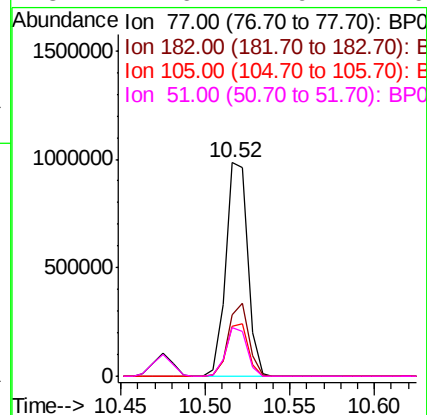
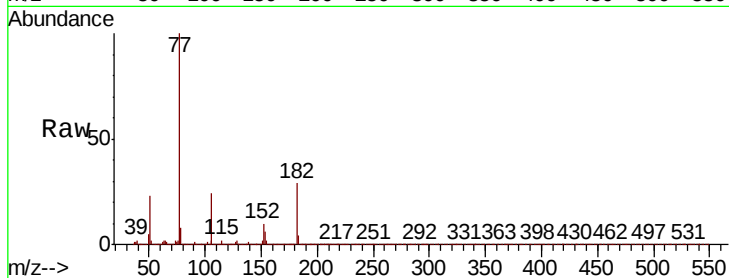




#63  
Azobenzene  
Concen: 46.207 ng  
RT: 10.52 min Scan# 1433  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

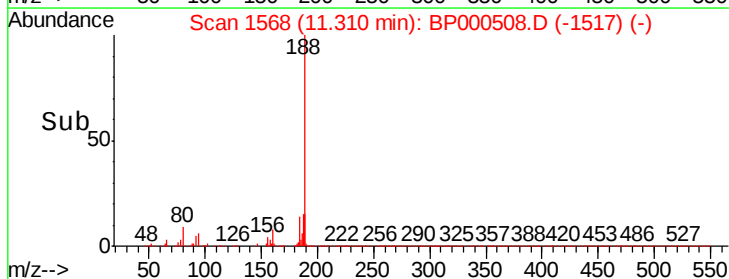
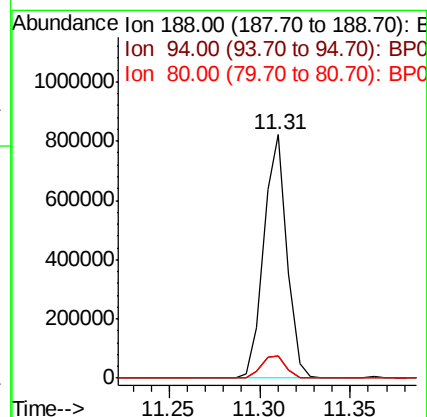
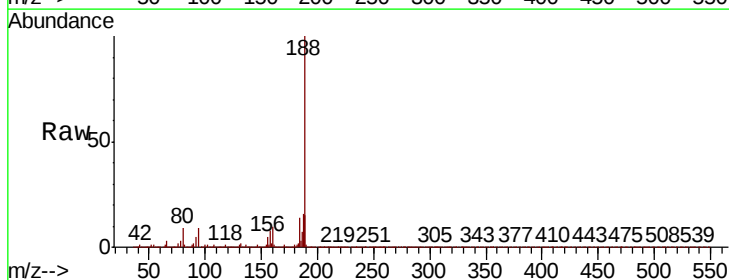
Instrument :  
BNA\_P  
ClientSampled :

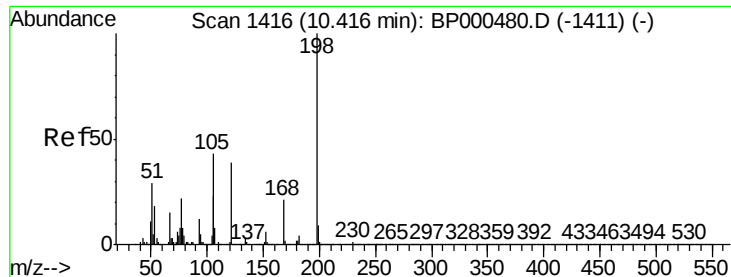
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 888284 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 28.5  | 9.0   | 49.0   |
| 105      | 23.6  | 3.8   | 43.8   |
| 51       | 22.6  | 1.9   | 41.9   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.31 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 723204 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.3   | 8.2   | 12.2   |
| 80       | 9.1   | 8.3   | 12.5   |

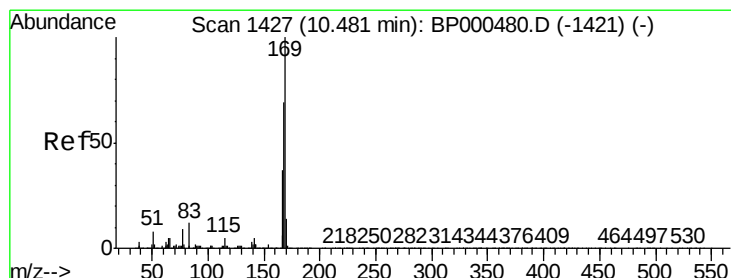
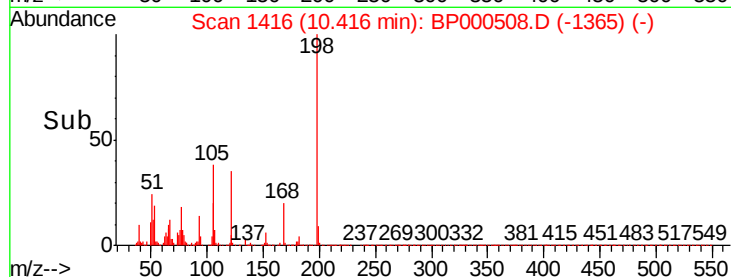
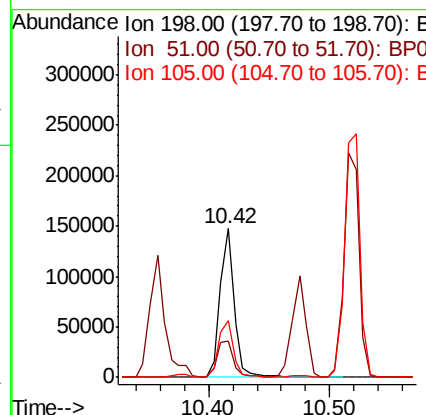
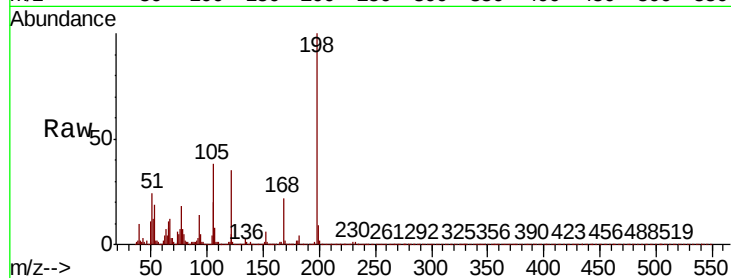




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 36.788 ng  
 RT: 10.42 min Scan# 1416  
 Delta R.T. -0.00 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

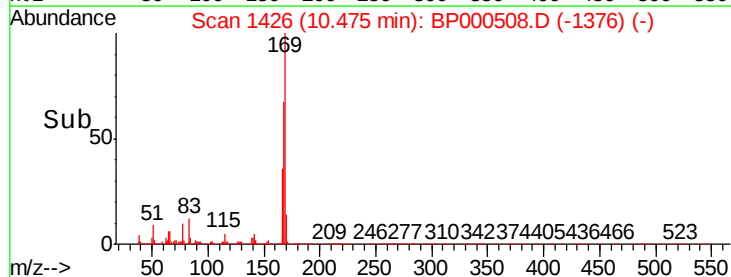
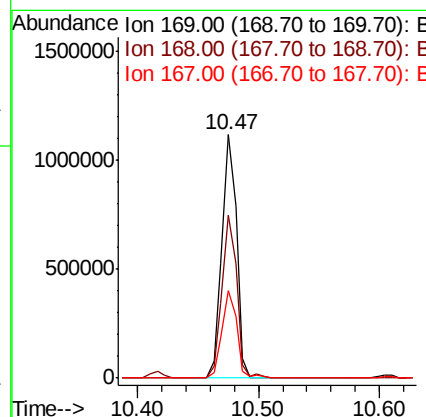
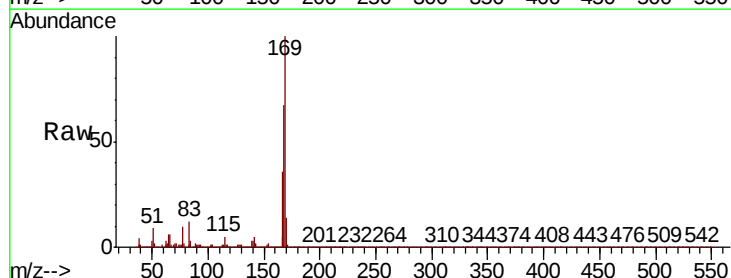
Instrument :  
 BNA\_P  
 ClientSampleId :

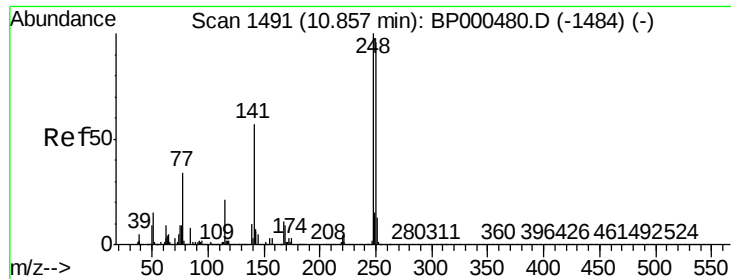
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 24.4  | 12.8  | 52.8  |
| 105     | 37.9  | 24.0  | 64.0  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 43.689 ng  
 RT: 10.47 min Scan# 1426  
 Delta R.T. -0.01 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.8  | 55.4  | 83.2  |
| 167     | 35.8  | 29.4  | 44.2  |

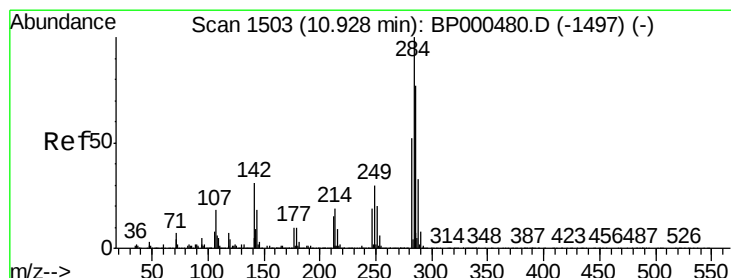
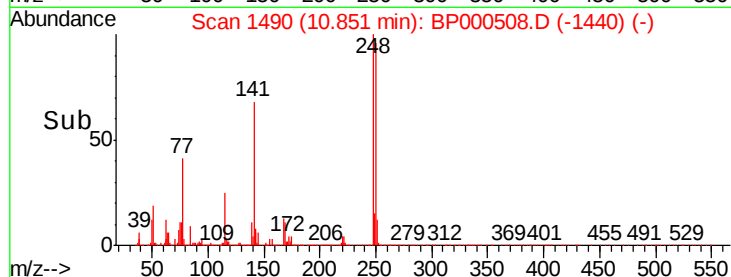
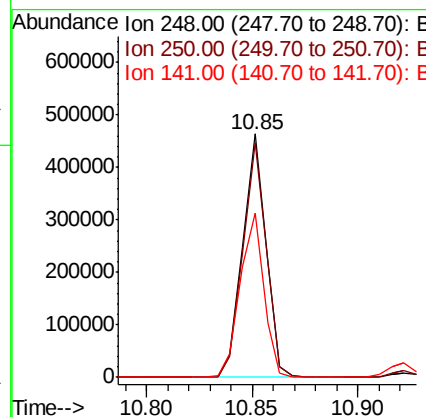
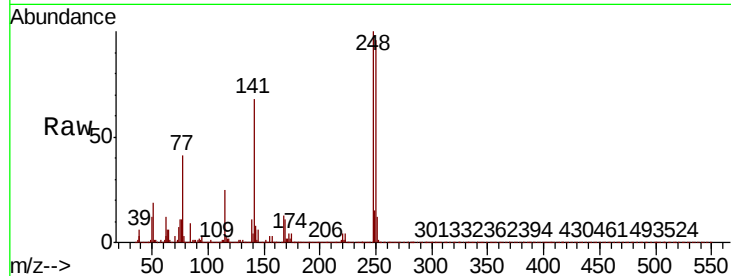




#67  
4-Bromophenyl-phenylether  
Concen: 43.295 ng  
RT: 10.85 min Scan# 1490  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

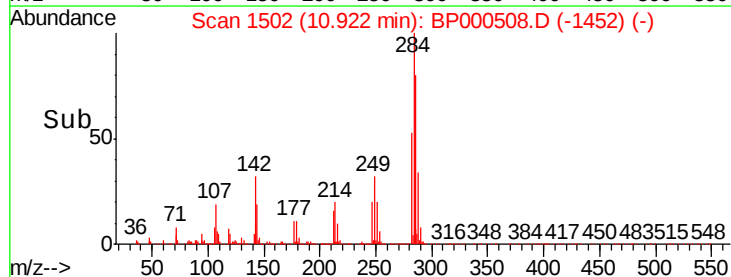
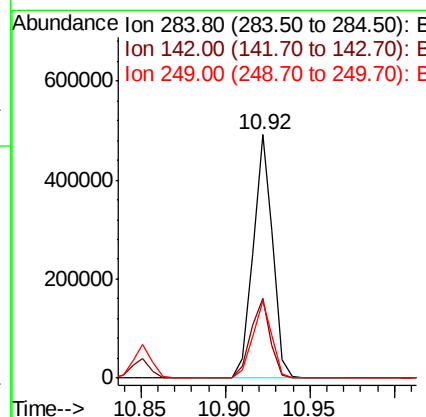
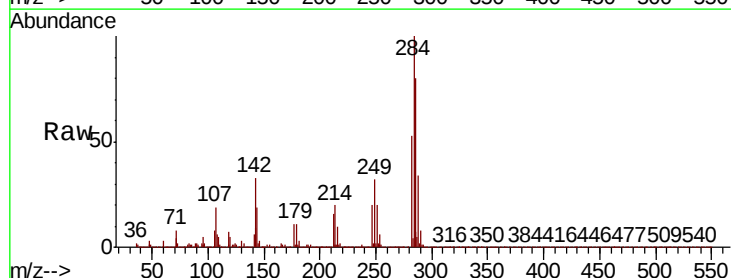
Instrument :  
BNA\_P  
ClientSampled :

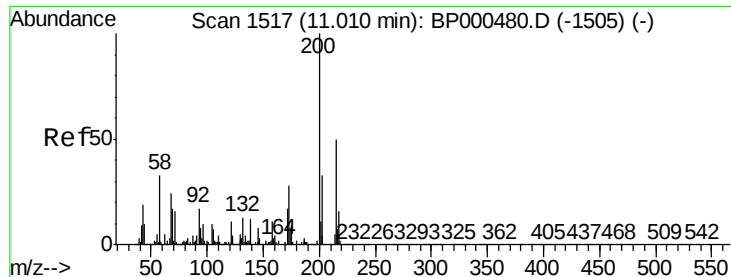
Tot Ion:248 Resp: 352461  
Ion Ratio Lower Upper  
248 100  
250 96.3 77.2 115.8  
141 67.5 45.3 67.9



#68  
Hexachlorobenzene  
Concen: 42.856 ng  
RT: 10.92 min Scan# 1502  
Delta R.T. -0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Tgt Ion:284 Resp: 396470  
Ion Ratio Lower Upper  
284 100  
142 32.5 24.6 37.0  
249 31.8 24.1 36.1





#69

Atrazine

Concen: 42.966 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Instrument :

BNA\_P

ClientSampled :

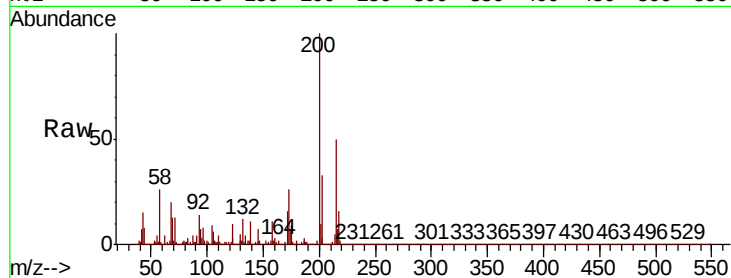
Tot Ion:200 Resp: 296990

Ion Ratio Lower Upper

200 100

173 26.2 7.6 47.6

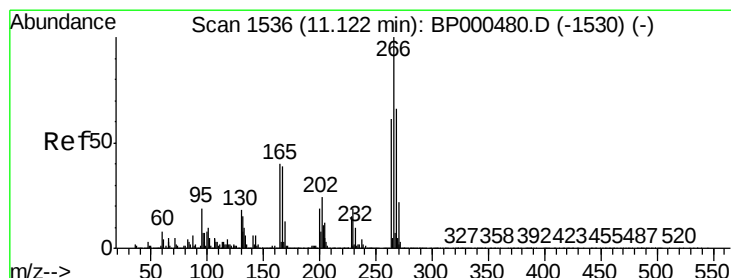
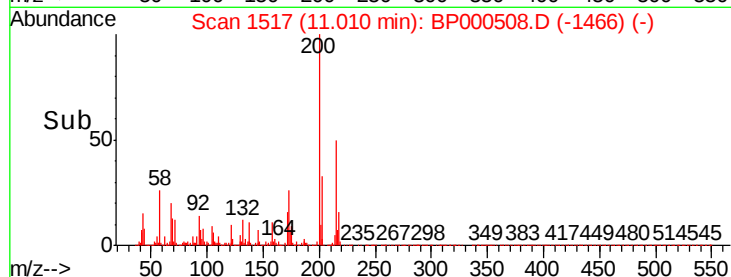
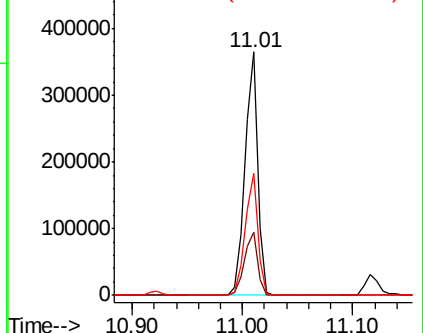
215 50.0 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 45.601 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

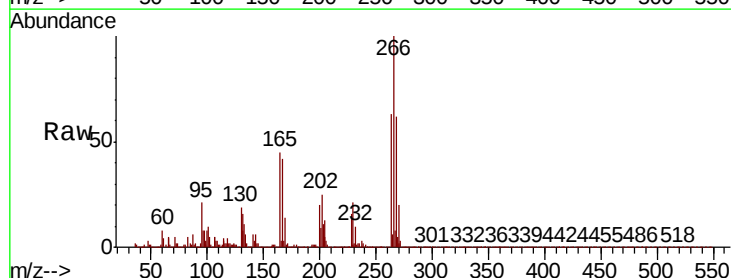
Tgt Ion:266 Resp: 169439

Ion Ratio Lower Upper

266 100

268 62.4 53.2 79.8

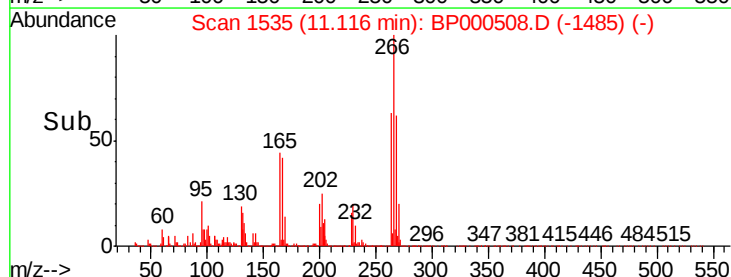
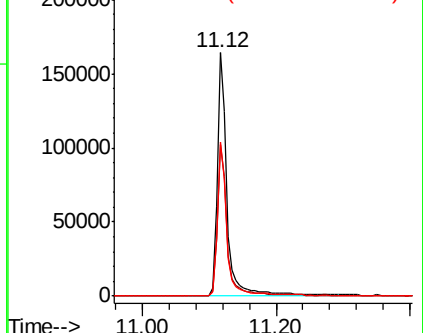
264 63.2 49.0 73.4

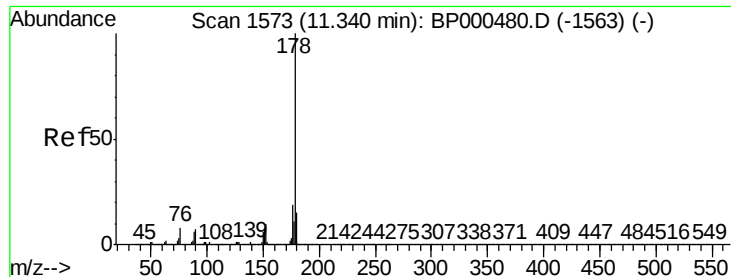


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.174 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Instrument :

BNA\_P

ClientSampled :

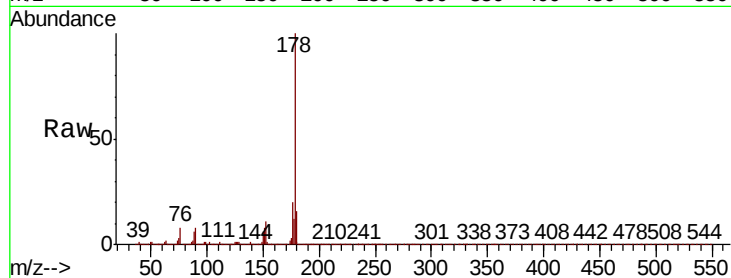
Tot Ion:178 Resp: 1604436

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.6  | 15.4  | 23.2  |
| 179 | 15.8  | 12.2  | 18.4  |

178 100

176 19.6 15.4 23.2

179 15.8 12.2 18.4

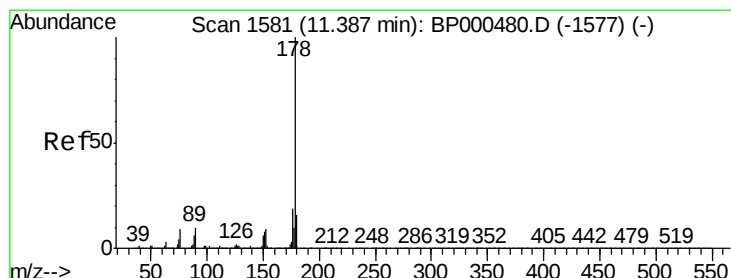
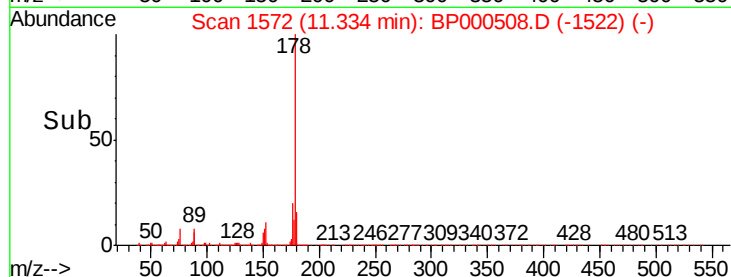
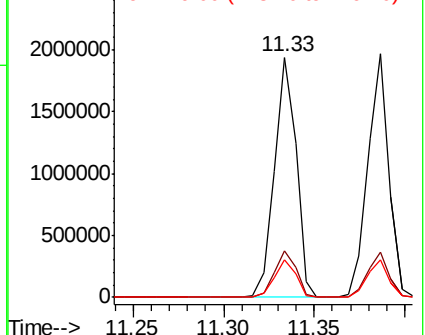


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.184 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

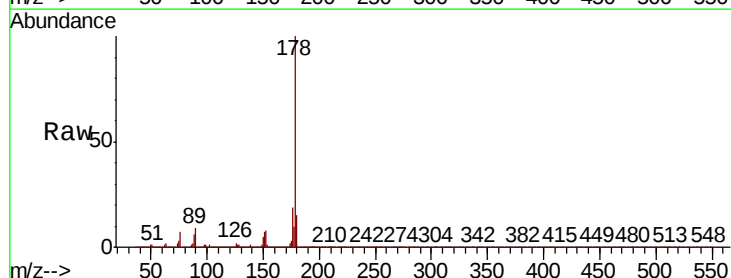
Tgt Ion:178 Resp: 1591201

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.6  | 15.4  | 23.0  |
| 179 | 15.4  | 12.6  | 19.0  |

178 100

176 18.6 15.4 23.0

179 15.4 12.6 19.0

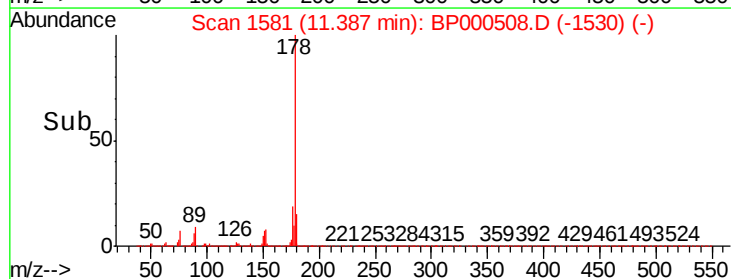
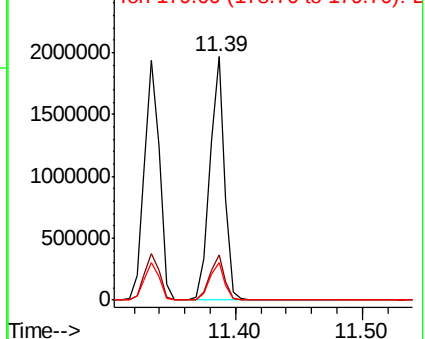


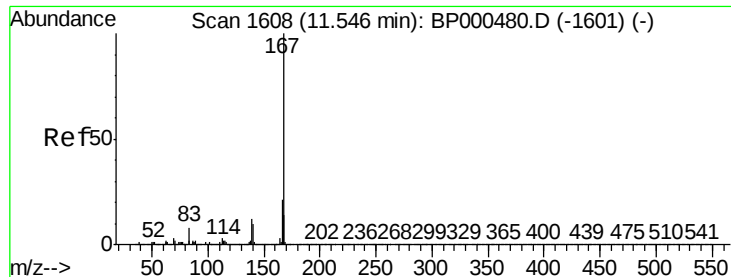
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



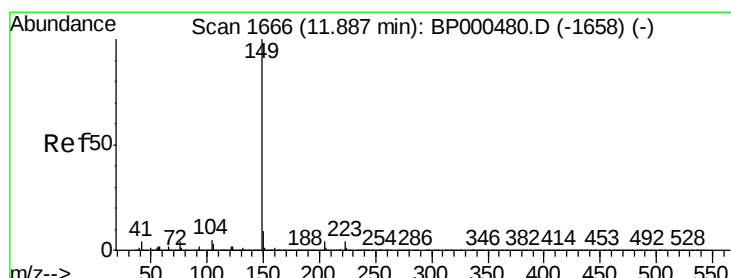
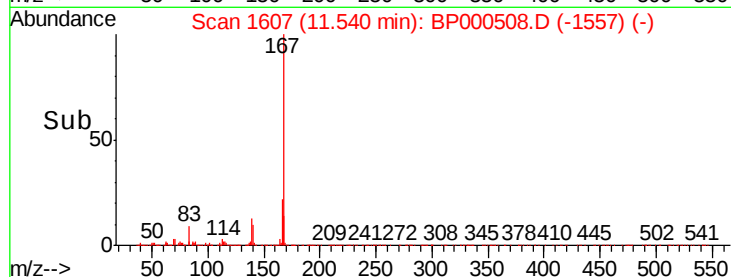
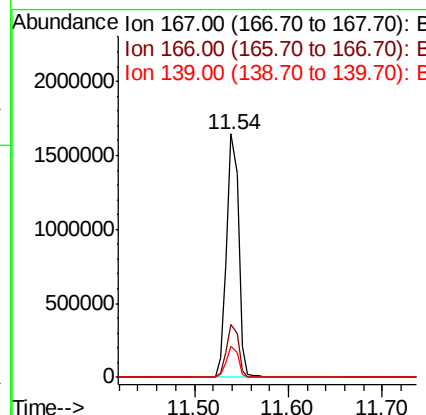
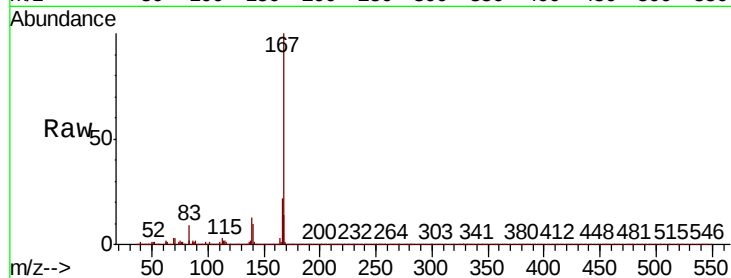


#73  
 Carbazole  
 Concen: 44.323 ng  
 RT: 11.54 min Scan# 1607  
 Delta R.T. -0.01 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

Instrument :  
 BNA\_P  
 ClientSampleId :

Tot Ion:167 Resp: 1479663  

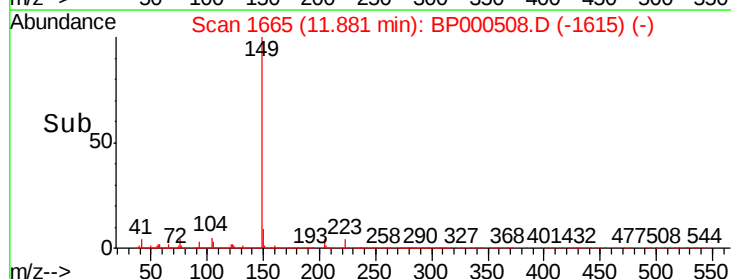
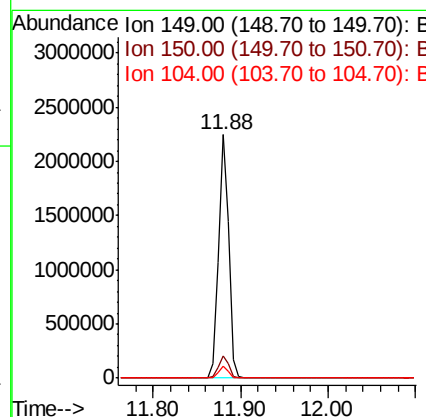
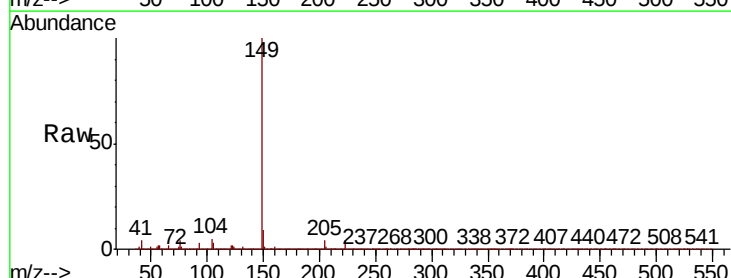
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.7  | 16.9  | 25.3  |
| 139 | 13.0  | 9.7   | 14.5  |

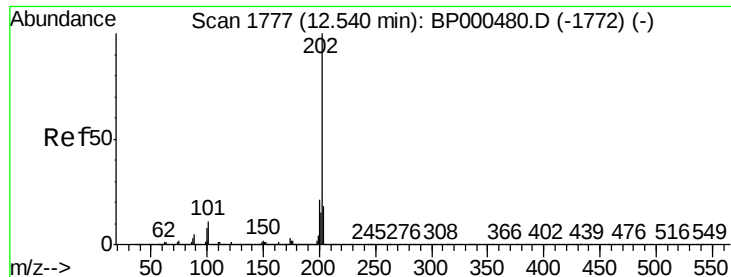


#74  
 Di-n-butylphthalate  
 Concen: 44.241 ng  
 RT: 11.88 min Scan# 1665  
 Delta R.T. -0.01 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

Tgt Ion:149 Resp: 1799174  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.4   | 7.4   | 11.2  |
| 104 | 4.7   | 3.7   | 5.5   |





#75

Fluoranthene

Concen: 44.531 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

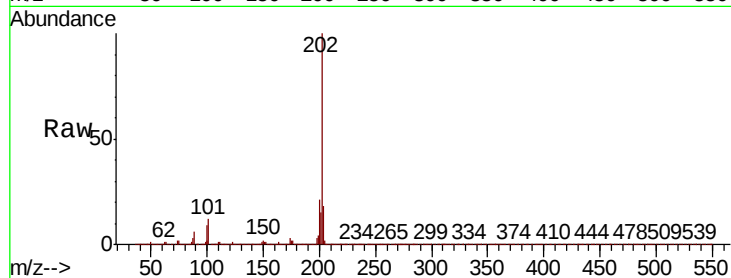
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:202 Resp: 1816561

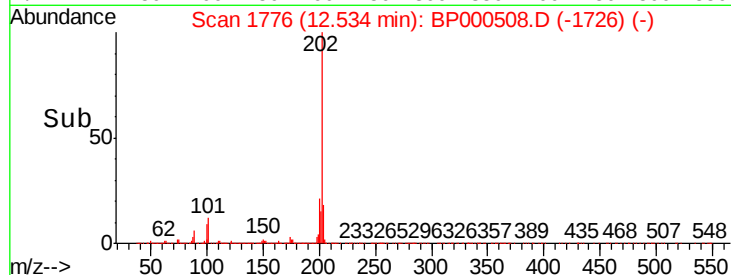
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.9  | 0.0   | 31.3  |
| 203 | 17.8  | 0.0   | 38.1  |



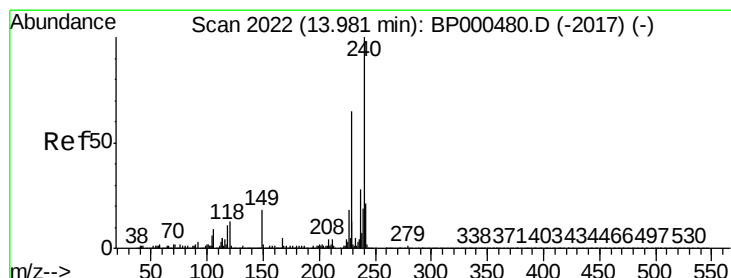
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

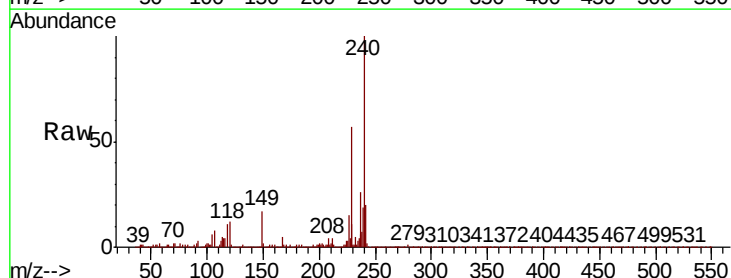
Delta R.T. -0.00 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Tgt Ion:240 Resp: 608134

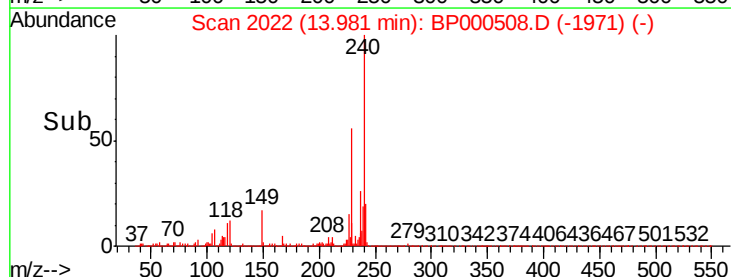
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.8  | 10.1  | 15.1  |
| 236 | 26.4  | 22.7  | 34.1  |



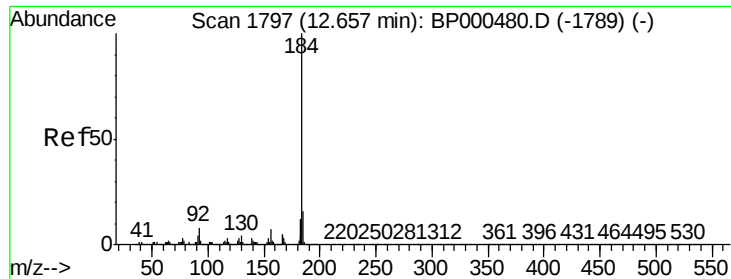
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 38.130 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

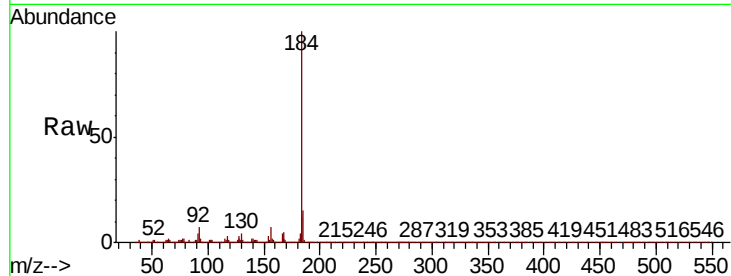
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:184 Resp: 671467

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.3  | 12.7  | 19.1  |
| 183 | 11.9  | 9.7   | 14.5  |

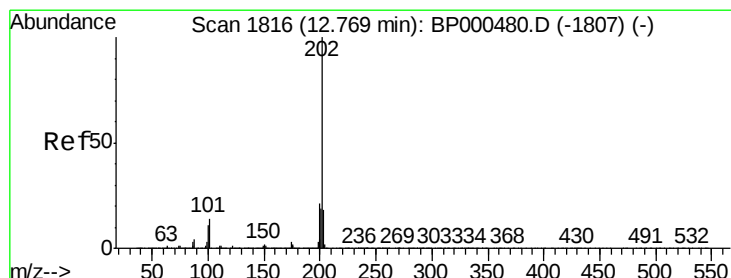
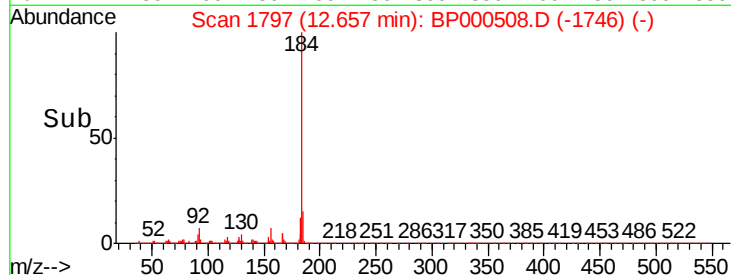
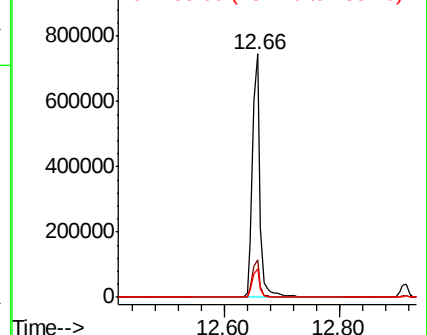


Abundance

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: 43.618 ng

RT: 12.77 min Scan# 1816

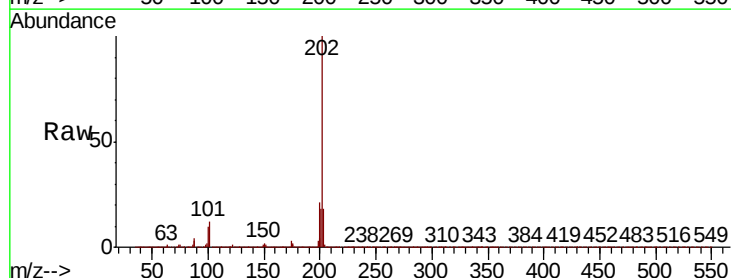
Delta R.T. -0.00 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Tgt Ion:202 Resp: 1829458

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.5  | 17.1  | 25.7  |
| 203 | 17.7  | 14.6  | 21.8  |

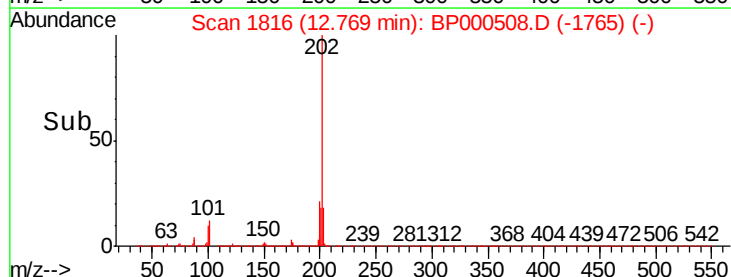
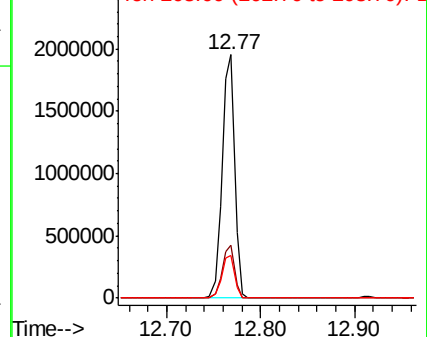


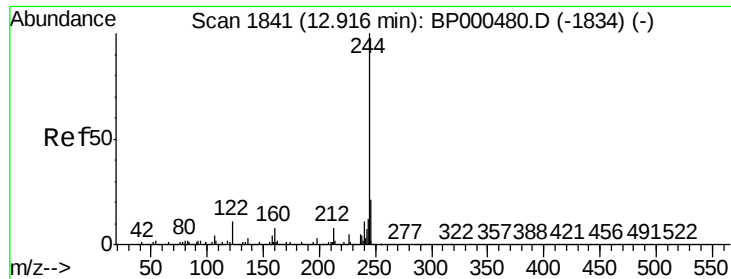
Abundance

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

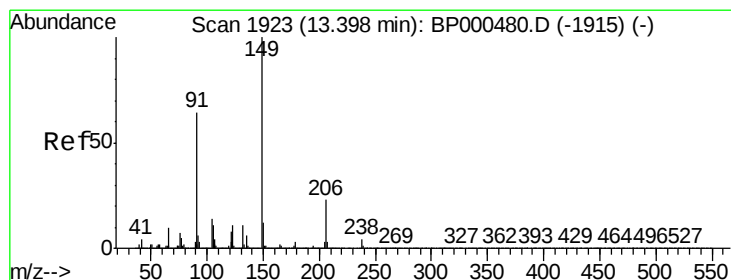
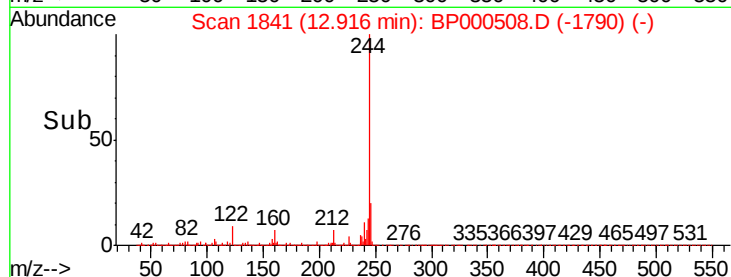
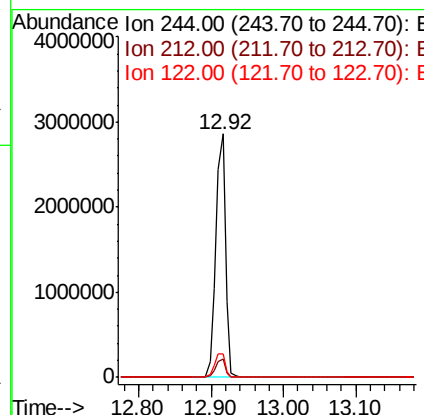
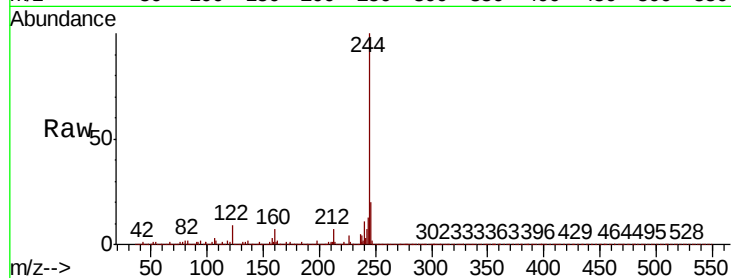




#79  
 Terphenyl-d14  
 Concen: 88.739 ng  
 RT: 12.92 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

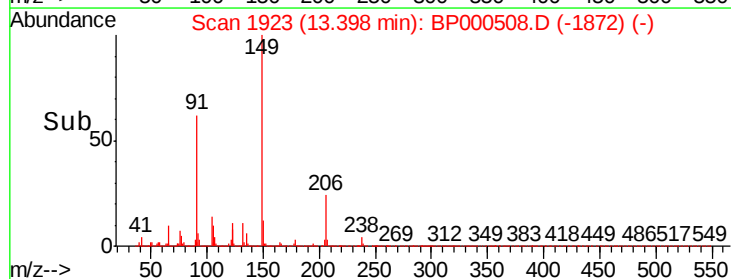
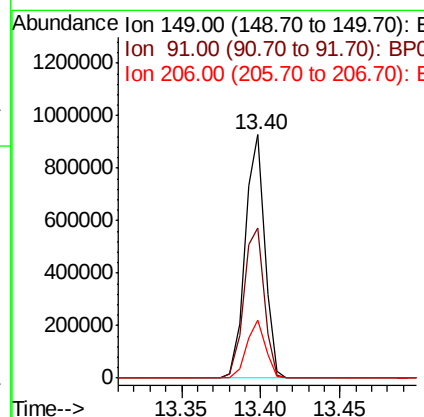
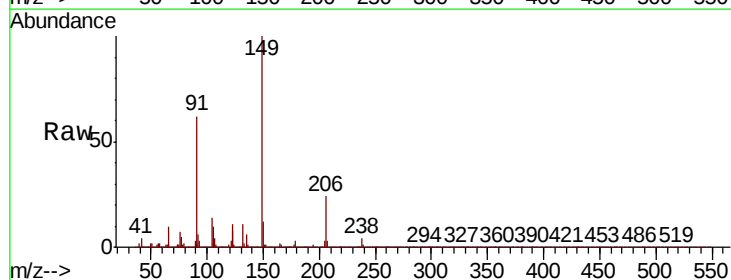
Instrument :  
 BNA\_P  
 ClientSampleId :

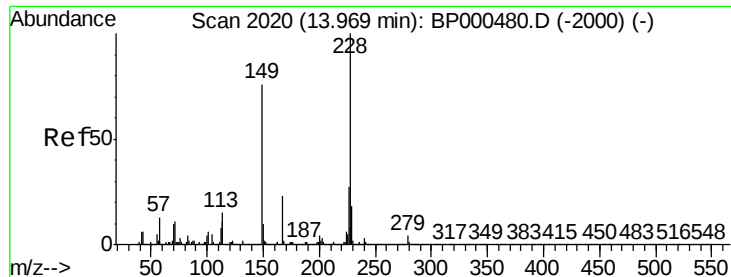
Tot Ion:244 Resp: 2665303  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.0 9.0  
 122 9.5 8.9 13.3



#80  
 Butylbenzylphthalate  
 Concen: 43.220 ng  
 RT: 13.40 min Scan# 1923  
 Delta R.T. -0.00 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

Tgt Ion:149 Resp: 789919  
 Ion Ratio Lower Upper  
 149 100  
 91 61.8 51.0 76.4  
 206 23.6 18.2 27.4





#81

Benzo(a)anthracene

Concen: 44.502 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

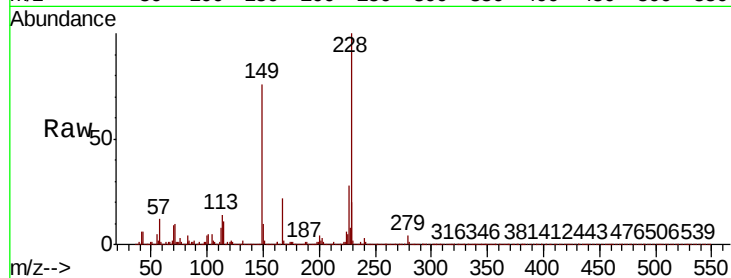
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:228 Resp: 1651236

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.6  | 21.4  | 32.2  |
| 229 | 20.1  | 14.7  | 22.1  |

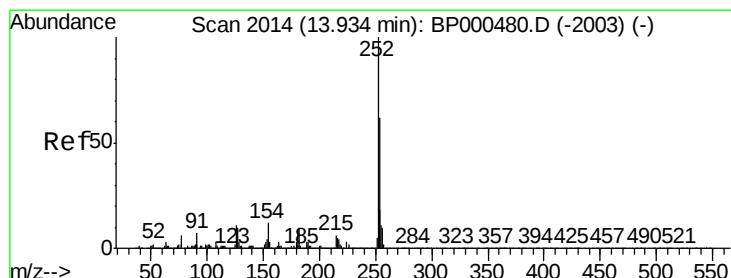
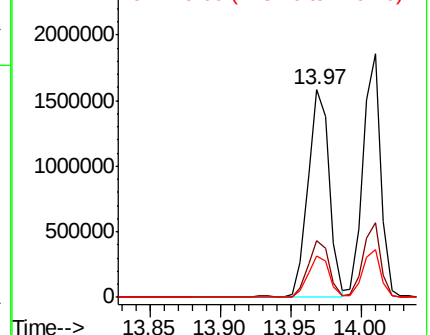
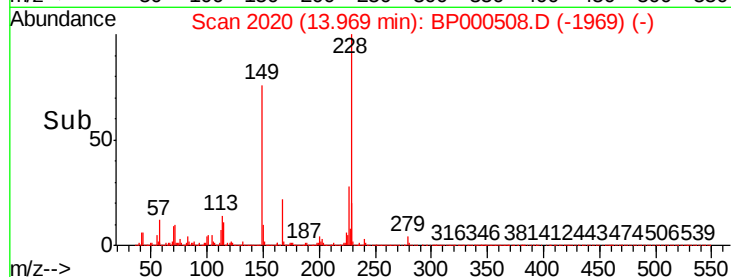


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 47.186 ng

RT: 13.93 min Scan# 2014

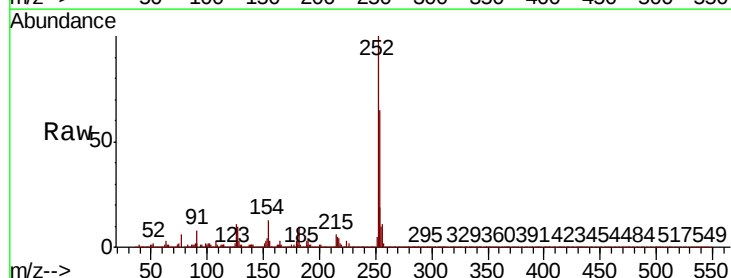
Delta R.T. -0.00 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Tgt Ion:252 Resp: 695448

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.6  | 49.8  | 74.8  |
| 126 | 10.7  | 8.9   | 13.3  |

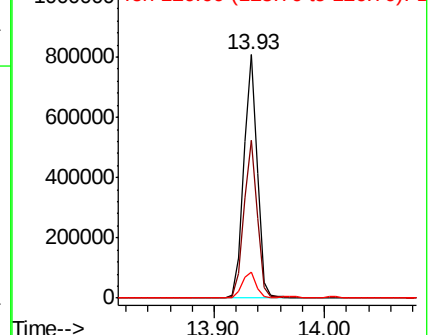
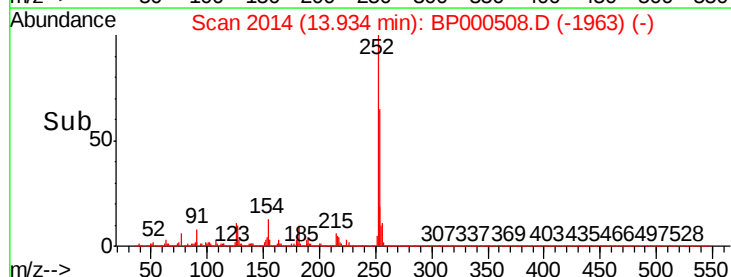


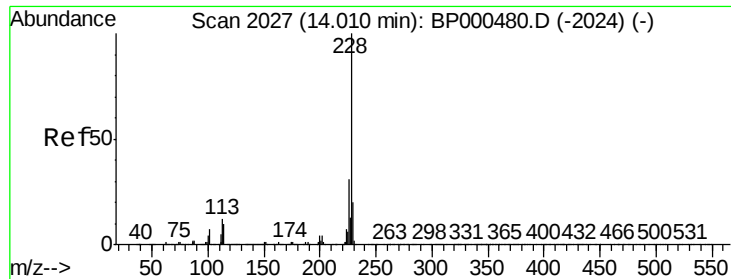
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



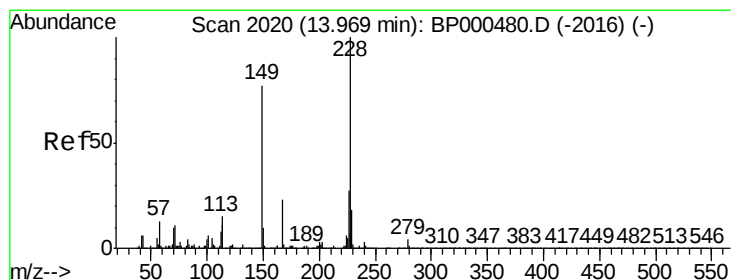
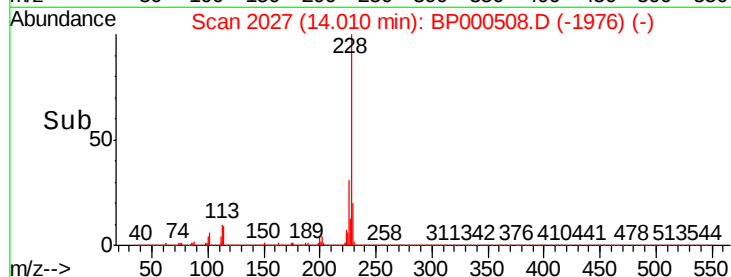
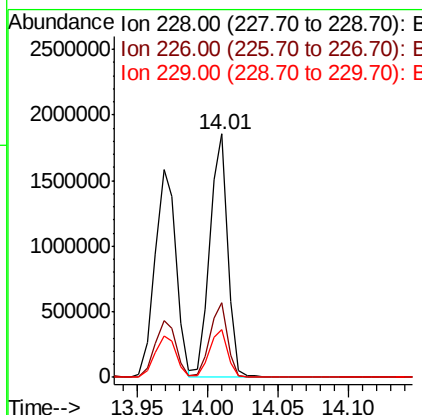
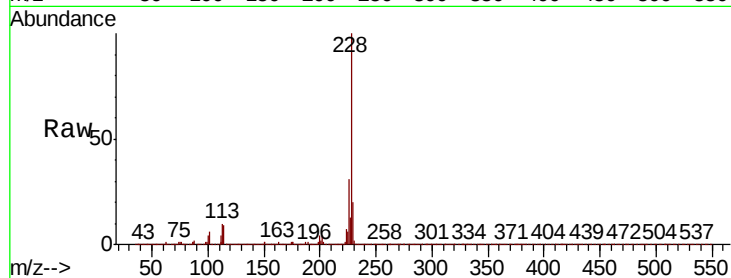


#83  
 Chrvsene  
 Concen: 44.761 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. -0.00 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

Instrument :  
 BNA\_P  
 ClientSampleId :

Tot Ion:228 Resp: 1630123  

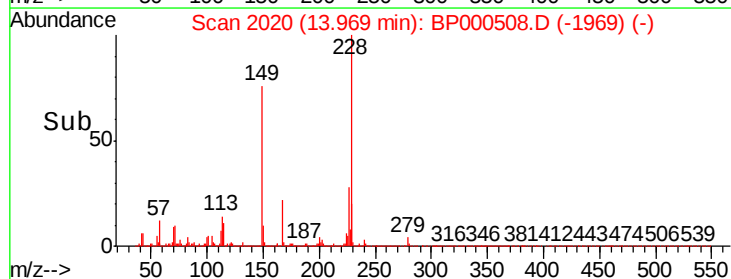
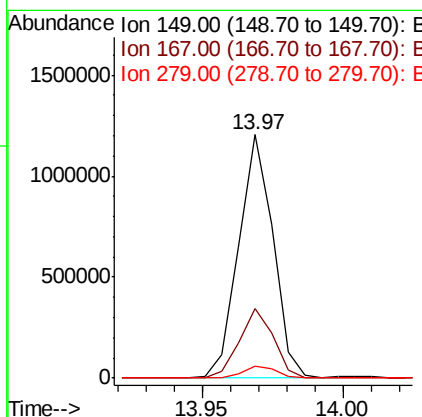
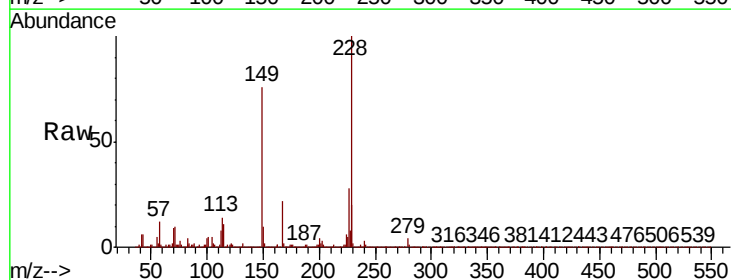
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.6  | 24.7  | 37.1  |
| 229 | 19.8  | 16.3  | 24.5  |

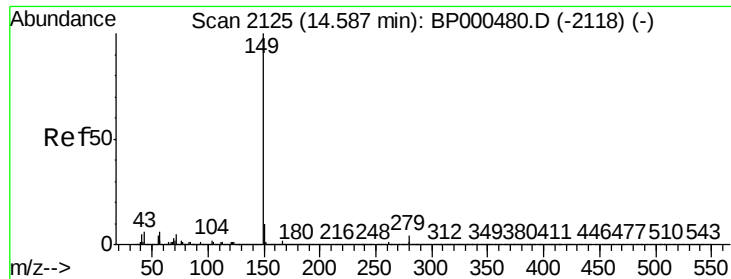


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.336 ng  
 RT: 13.97 min Scan# 2020  
 Delta R.T. -0.00 min  
 Lab File: BP000508.D  
 Acq: 04 Oct 2019 15:36

Tgt Ion:149 Resp: 1019142  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.5  | 23.6  | 35.4  |
| 279 | 4.8   | 3.9   | 5.9   |

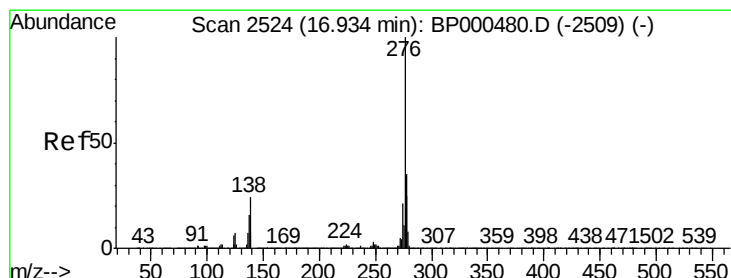
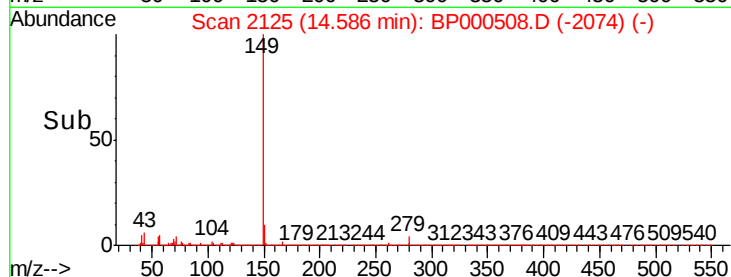
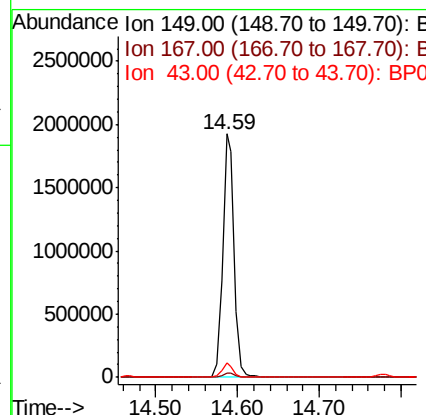
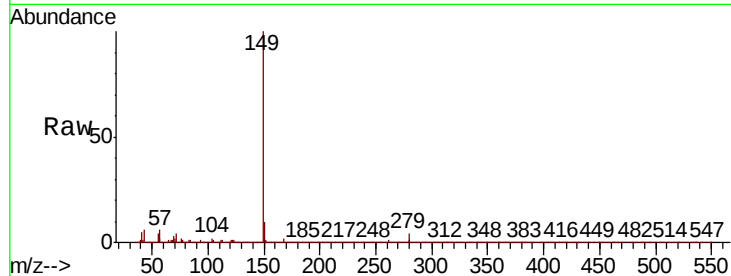




#85  
Di-n-octyl phthalate  
Concen: 44.557 ng  
RT: 14.59 min Scan# 2125  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

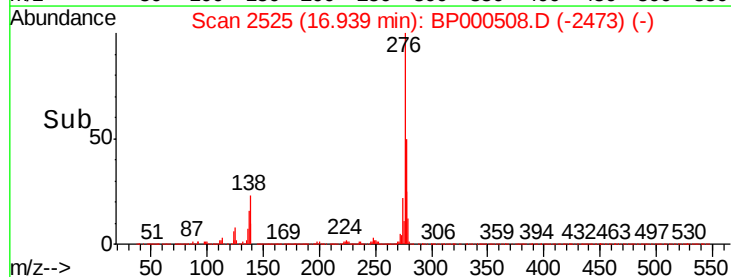
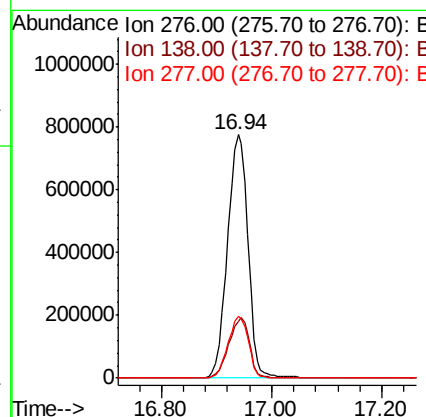
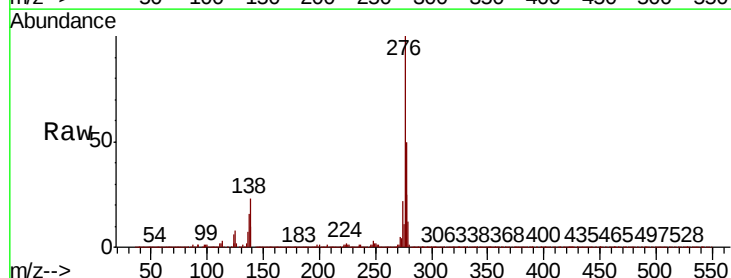
Instrument :  
BNA\_P  
ClientSampleId :

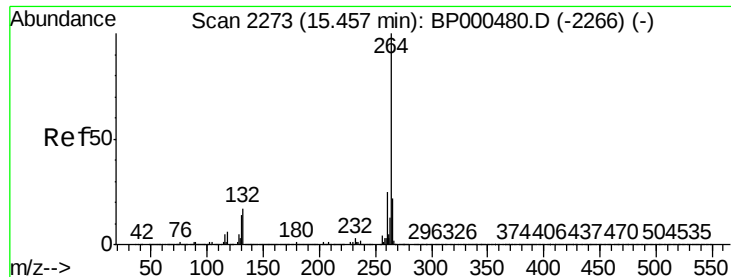
Tot Ion:149 Resp: 1856413  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 5.6 4.6 7.0



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 44.520 ng  
RT: 16.94 min Scan# 2525  
Delta R.T. 0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Tgt Ion:276 Resp: 2025274  
Ion Ratio Lower Upper  
276 100  
138 25.2 20.9 31.3  
277 25.6 20.6 30.8

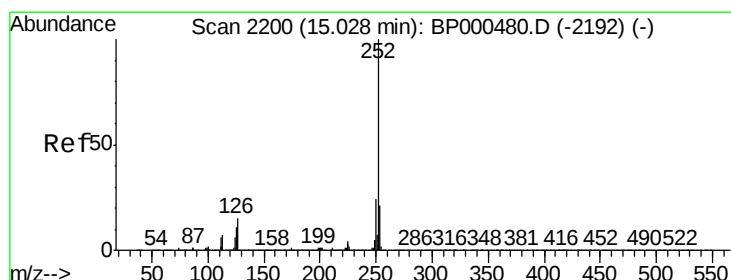
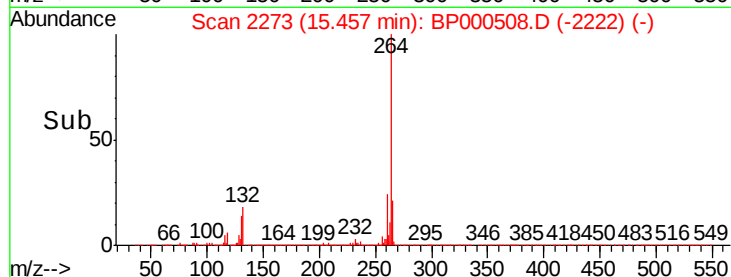
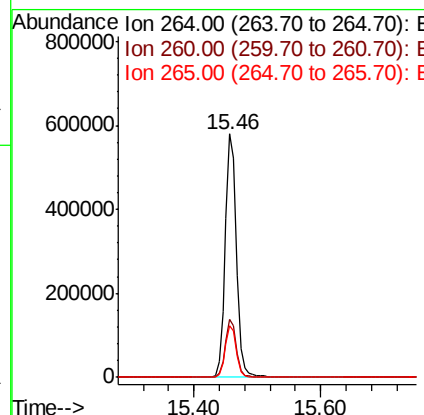
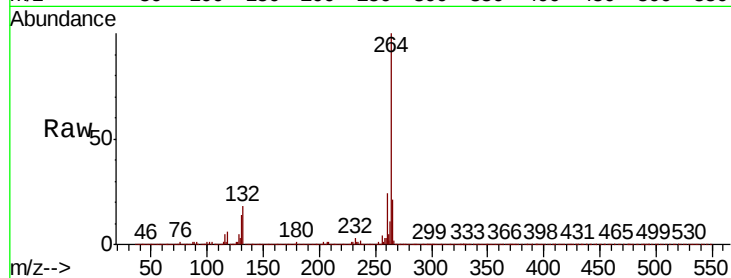




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.46 min Scan# 2273  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

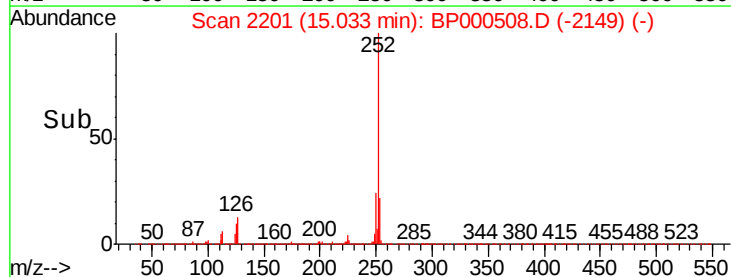
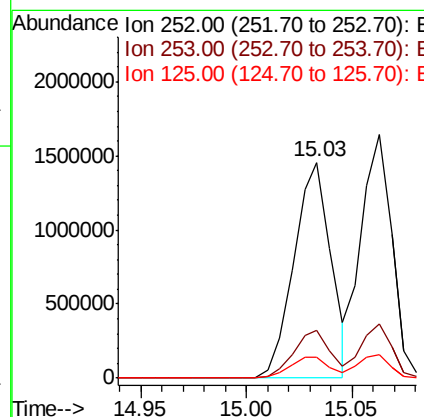
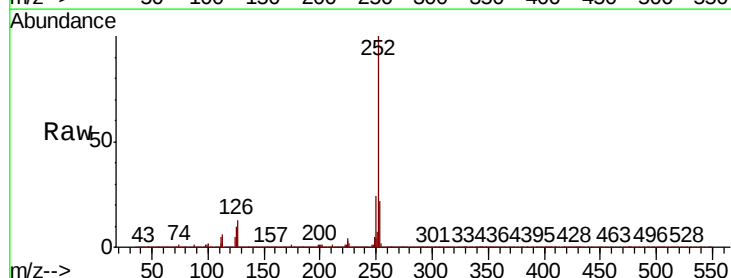
Instrument :  
BNA\_P  
ClientSampleId :

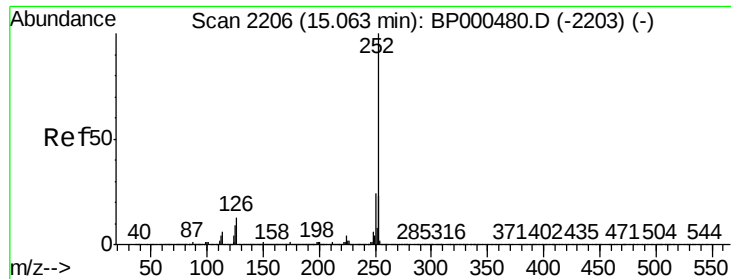
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 20.3  | 30.5  |
| 265     | 21.4  | 18.0  | 27.0  |



#88  
Benzo(b)fluoranthene  
Concen: 43.143 ng  
RT: 15.03 min Scan# 2201  
Delta R.T. 0.01 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.0  | 25.4  |
| 125     | 9.5   | 8.9   | 13.3  |

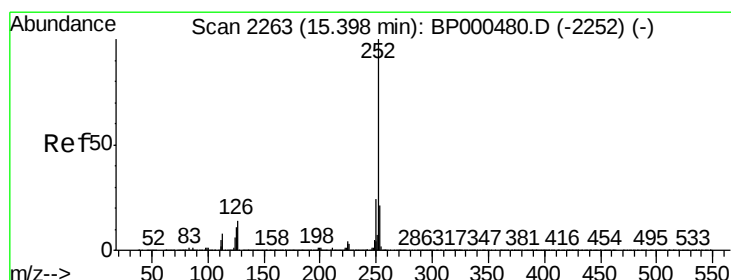
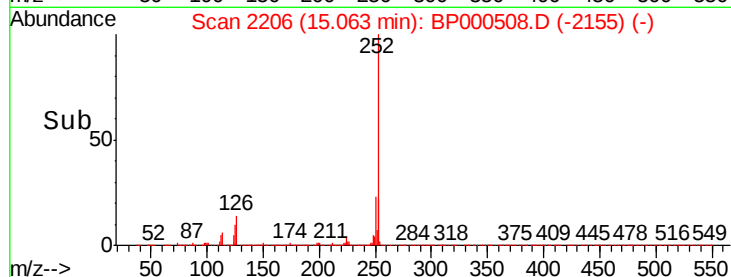
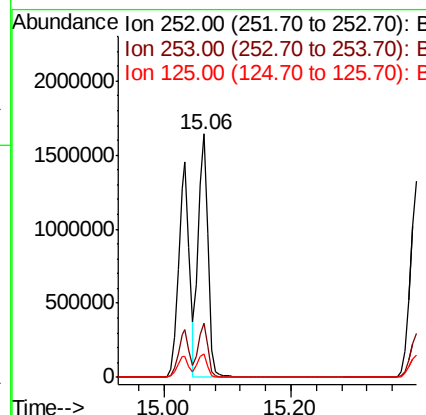
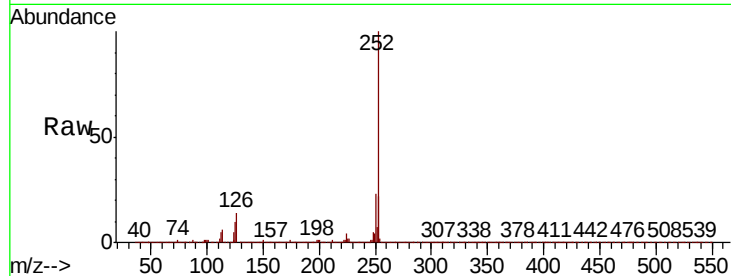




#89  
Benzo(k)fluoranthene  
Concen: 43.817 ng  
RT: 15.06 min Scan# 2206  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

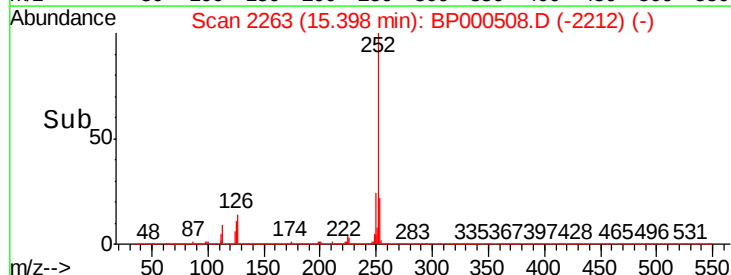
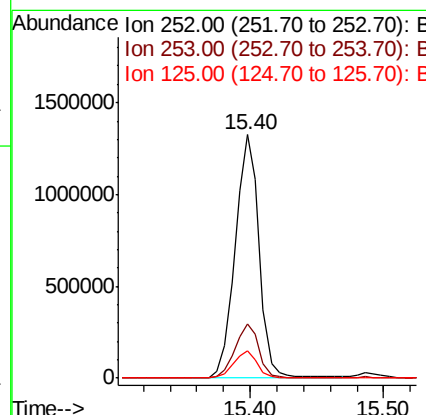
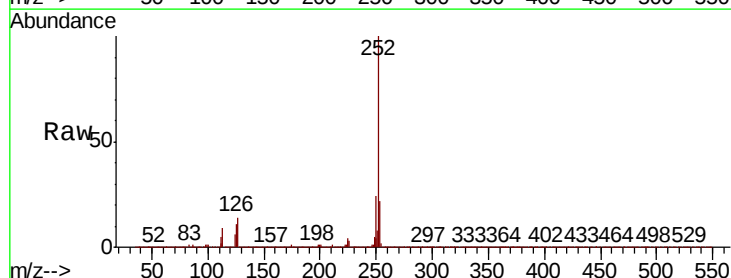
Instrument :  
BNA\_P  
ClientSampled :

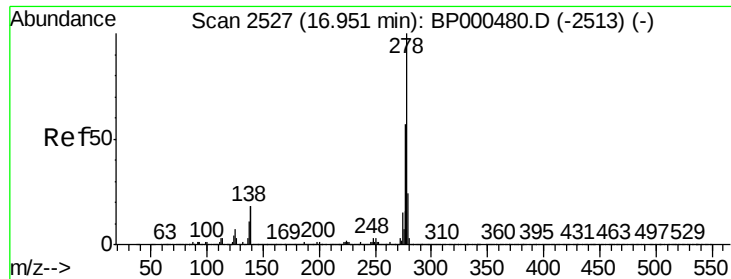
Tot Ion:252 Resp: 1720839  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.4 27.6  
125 9.8 7.8 11.8



#90  
Benzo(a)pyrene  
Concen: 43.233 ng  
RT: 15.40 min Scan# 2263  
Delta R.T. -0.00 min  
Lab File: BP000508.D  
Acq: 04 Oct 2019 15:36

Tgt Ion:252 Resp: 1662487  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.0 25.6  
125 11.0 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 44.078 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

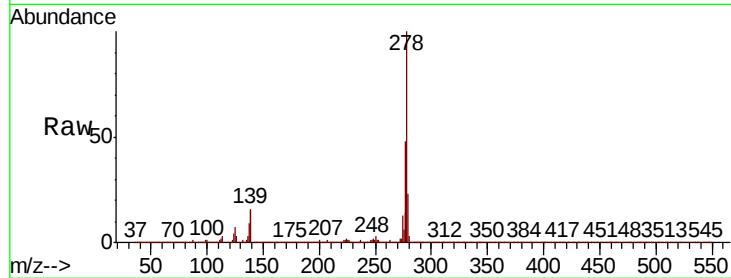
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:278 Resp: 1643903

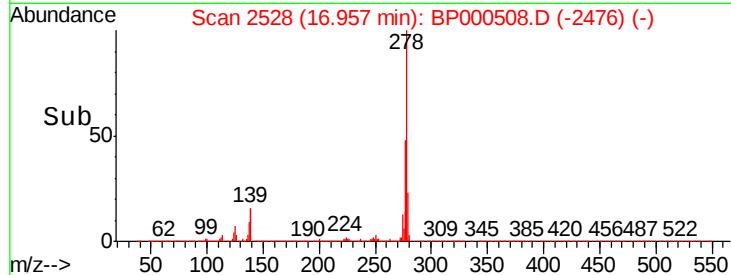
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.5  | 14.1  | 21.1  |
| 279 | 23.2  | 19.5  | 29.3  |



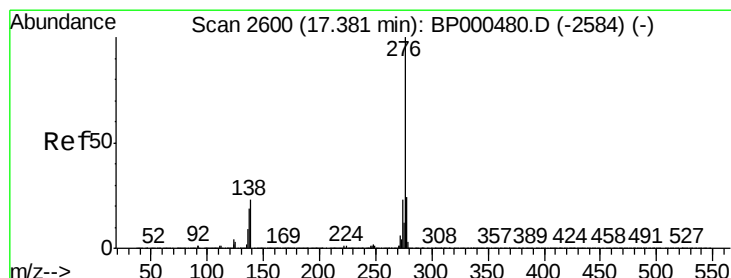
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 43.683 ng

RT: 17.39 min Scan# 2601

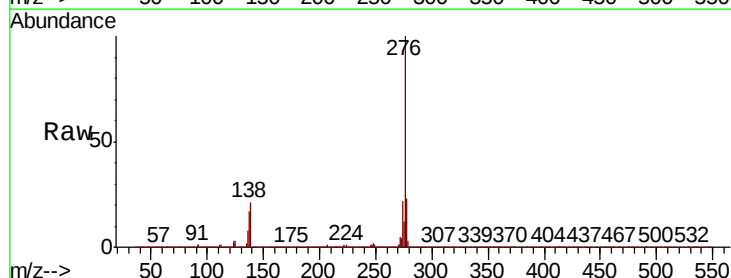
Delta R.T. 0.01 min

Lab File: BP000508.D

Acq: 04 Oct 2019 15:36

Tgt Ion:276 Resp: 1655494

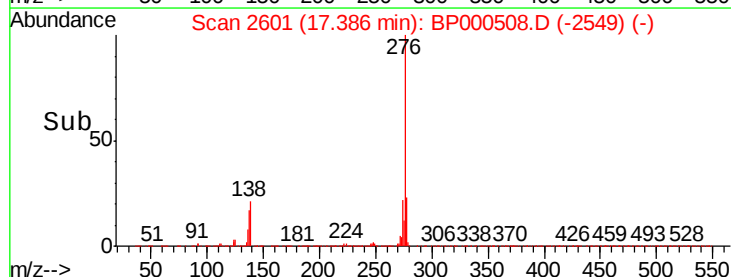
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.2  | 19.4  | 29.2  |
| 138 | 20.6  | 18.5  | 27.7  |



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



Time-->