

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\  
 Data File : BP000284.D  
 Acq On : 17 Sep 2019 19:50  
 Operator : HP/JU  
 Sample : K4850-03DL2 40X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Sep 18 05:56:33 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 16 18:59:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 341168   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.08  | 136  | 1255112  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.83  | 164  | 661471   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 1178613  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.99 | 240  | 959565   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.47 | 264  | 862768   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |       |      |    |       |
|--------------------------|-------|-----|-------|------|----|-------|
| 5) 2-Fluorophenol        | 5.41  | 112 | 33260 | 1.68 | ng | 0.00  |
| 7) Phenol-d6             | 6.42  | 99  | 43505 | 1.80 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.35  | 82  | 10310 | 0.53 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 8855  | 1.35 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.15  | 172 | 51600 | 1.40 | ng | 0.00  |
| 79) Terphenyl-d14        | 12.92 | 244 | 55831 | 1.22 | ng | -0.01 |

## Target Compounds

|                                |      |     |         |           |    | Qvalue |
|--------------------------------|------|-----|---------|-----------|----|--------|
| 2) 1,4-Dioxane                 | 2.51 | 88  | 50      | 0.006     | ng | # 1    |
| 3) Pyridine                    | 3.29 | 79  | 2808    | 0.117     | ng | # 51   |
| 4) n-Nitrosodimethylamine      | 3.19 | 42  | 179     | 0.026     | ng | # 1    |
| 6) Aniline                     | 6.48 | 93  | 440     | 0.013     | ng | # 1    |
| 8) 2-Chlorophenol              | 6.82 | 128 | 32      | 0.002     | ng | # 89   |
| 9) Benzaldehyde                | 6.35 | 77  | 8582    | Below Cal |    | # 1    |
| 10) Phenol                     | 6.44 | 94  | 1239    | 0.045     | ng | # 46   |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 190     | 0.009     | ng | # 56   |
| 12) 1,3-Dichlorobenzene        | 6.74 | 146 | 23      | 0.001     | ng | # 1    |
| 13) 1,4-Dichlorobenzene        | 6.79 | 146 | 193     | 0.008     | ng | # 1    |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 114     | 0.005     | ng | # 28   |
| 15) Benzyl Alcohol             | 6.95 | 79  | 741     | 0.042     | ng | # 53   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.06 | 45  | 410     | 0.021     | ng | # 1    |
| 17) 2-Methylphenol             | 7.05 | 107 | 296     | 0.016     | ng | # 1    |
| 18) Hexachloroethane           | 7.30 | 117 | 22492   | 2.392     | ng | # 13   |
| 19) n-Nitroso-di-n-propylamine | 7.18 | 70  | 291     | 0.023     | ng | # 96   |
| 20) 3+4-Methylphenols          | 7.20 | 107 | 1061    | 0.048     | ng | # 1    |
| 22) Acetophenone               | 7.19 | 105 | 18166   | 0.668     | ng | # 83   |
| 24) Nitrobenzene               | 7.40 | 77  | 15544   | 0.769     | ng | # 10   |
| 25) Isophorone                 | 7.65 | 82  | 1264    | 0.033     | ng | # 1    |
| 26) 2-Nitrophenol              | 7.65 | 139 | 4945    | 0.462     | ng | # 1    |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 533     | 0.031     | ng | # 81   |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 1524    | 0.059     | ng | # 86   |
| 29) 2,4-Dichlorophenol         | 7.93 | 162 | 36      | 0.002     | ng | # 1    |
| 30) 1,2,4-Trichlorobenzene     | 8.00 | 180 | 49      | 0.002     | ng | # 1    |
| 31) Naphthalene                | 8.10 | 128 | 2698739 | 46.427    | ng | # 99   |
| 32) Benzoic acid               | 7.84 | 122 | 672     | 0.058     | ng | # 1    |
| 33) 4-Chloroaniline            | 8.10 | 127 | 374162  | 14.223    | ng | # 36   |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 27      | 0.002     | ng | # 91   |
| 36) 4-Chloro-3-methylphenol    | 8.63 | 107 | 660     | 0.036     | ng | # 1    |
| 37) 2-Methylnaphthalene        | 8.79 | 142 | 1210530 | 30.464    | ng | # 99   |
| 38) 1-Methylnaphthalene        | 8.89 | 142 | 708247  | 19.027    | ng | # 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.95 | 216 | 75      | 0.004     | ng | # 1    |
| 41) Hexachlorocyclopentadiene  | 8.86 | 237 | 36      | 0.003     | ng | # 83   |

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 ALS Vial : 24 Sample Multiplier: 1

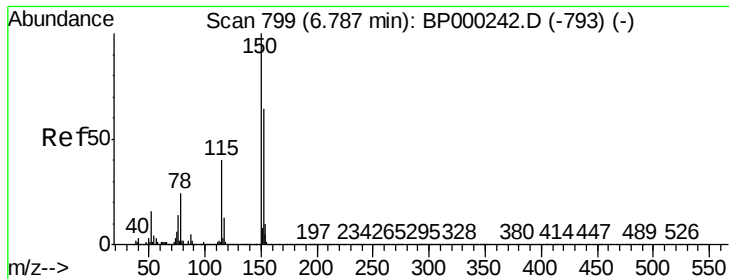
Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Sep 18 05:56:33 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 16 18:59:05 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|-------|----------|
| 43) 2,4,6-Trichlorophenol      | 9.07  | 196  | 91       | 0.007     | ng    | # 70     |
| 44) 2,4,5-Trichlorophenol      | 9.10  | 196  | 69       | 0.005     | ng    | # 1      |
| 46) 1,1'-Biphenyl              | 9.25  | 154  | 168052   | 3.673     | ng    | 97       |
| 47) 2-Chloronaphthalene        | 9.32  | 162  | 9981     | 0.260     | ng    | # 49     |
| 48) 2-Nitroaniline             | 9.35  | 65   | 841      | 0.086     | ng    | # 26     |
| 49) Acenaphthylene             | 9.69  | 152  | 294145   | 5.098     | ng    | 98       |
| 50) Dimethylphthalate          | 9.55  | 163  | 11521    | 0.256     | ng    | # 8      |
| 51) 2,6-Dinitrotoluene         | 9.52  | 165  | 5031     | 0.508     | ng    | # 1      |
| 52) Acenaphthene               | 9.86  | 154  | 54834    | 1.506     | ng    | 96       |
| 53) 3-Nitroaniline             | 9.78  | 138  | 69       | 0.006     | ng    | # 1      |
| 54) 2,4-Dinitrophenol          | 9.91  | 184  | 269      | 0.061     | ng    | # 1      |
| 55) Dibenzofuran               | 10.04 | 168  | 70584    | 1.371     | ng    | # 91     |
| 56) 4-Nitrophenol              | 9.94  | 139  | 1556     | 0.182     | ng    | # 68     |
| 57) 2,4-Dinitrotoluene         | 10.01 | 165  | 5476     | 0.423     | ng    | # 69     |
| 58) Fluorene                   | 10.38 | 166  | 425986   | 10.714    | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.14 | 232  | 49       | 0.004     | ng    | # 1      |
| 60) Diethylphthalate           | 10.25 | 149  | 316      | 0.007     | ng    | # 1      |
| 61) 4-Chlorophenyl-phenylether | 10.38 | 204  | 109      | 0.005     | ng    | # 1      |
| 62) 4-Nitroaniline             | 10.60 | 138  | 677      | 0.060     | ng    | 85       |
| 63) Azobenzene                 | 10.54 | 77   | 3829     | 0.104     | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 55       | 0.010     | ng    | # 1      |
| 66) n-Nitrosodiphenylamine     | 10.50 | 169  | 3122     | 0.088     | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether  | 10.86 | 248  | 86       | 0.006     | ng    | # 1      |
| 68) Hexachlorobenzene          | 10.96 | 284  | 50       | 0.003     | ng    | # 1      |
| 69) Atrazine                   | 11.02 | 200  | 278      | Below Cal |       | # 22     |
| 70) Pentachlorophenol          | 11.13 | 266  | 65       | 0.008     | ng    | 87       |
| 71) Phenanthrene               | 11.35 | 178  | 1720653  | 29.132    | ng    | 99       |
| 72) Anthracene                 | 11.40 | 178  | 334116   | 5.496     | ng    | 98       |
| 73) Carbazole                  | 11.56 | 167  | 18887    | 0.345     | ng    | 95       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 638      | 0.009     | ng    | # 1      |
| 75) Fluoranthene               | 12.55 | 202  | 708344   | 11.169    | ng    | 97       |
| 77) Benzidine                  | 12.69 | 184  | 233      | 0.007     | ng    | # 1      |
| 78) Pyrene                     | 12.78 | 202  | 1114943  | 15.530    | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.40 | 149  | 1193     | 0.036     | ng    | # 1      |
| 81) Benzo(a)anthracene         | 14.02 | 228  | 380403   | 6.276     | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 13.95 | 252  | 403      | 0.017     | ng    | # 36     |
| 83) Chrysene                   | 14.02 | 228  | 380403   | 6.392     | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 13.98 | 149  | 2962     | 0.075     | ng    | # 85     |
| 85) Di-n-octyl phthalate       | 14.60 | 149  | 1289     | 0.018     | ng    | # 20     |
| 86) Indeno(1,2,3-cd)pyrene     | 16.95 | 276  | 78921    | 1.088     | ng    | 94       |
| 88) Benzo(b)fluoranthene       | 15.05 | 252  | 312308   | 6.068     | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 15.05 | 252  | 312308   | 6.956     | ng    | 97       |
| 90) Benzo(a)pyrene             | 15.41 | 252  | 200502   | 4.281     | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.96 | 278  | 25779    | 0.590     | ng    | # 81     |
| 92) Benzo(g,h,i)perylene       | 17.40 | 276  | 80607    | 1.796     | ng    | 96       |

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



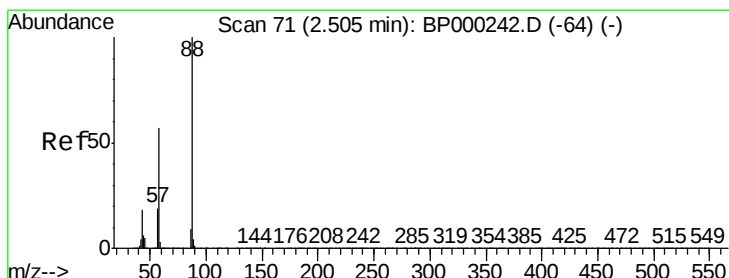
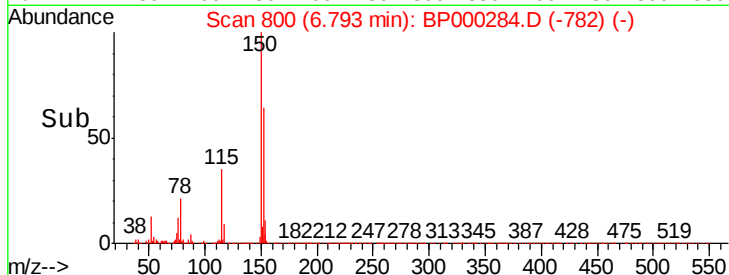
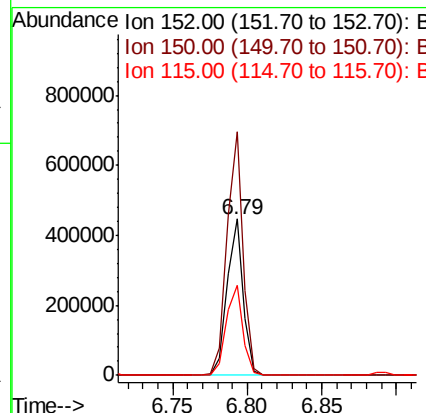
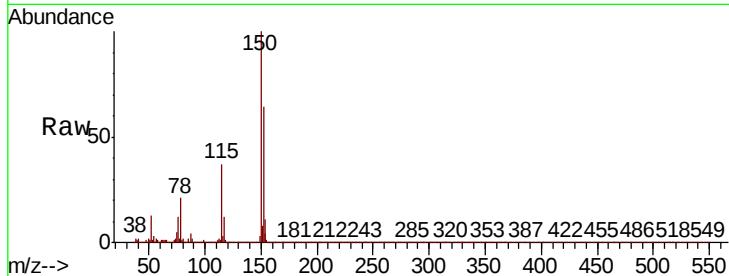


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 800  
Delta R.T. 0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Instrument :  
BNA\_P  
ClientSampled :

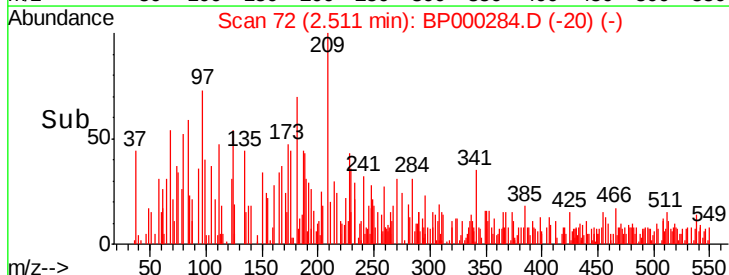
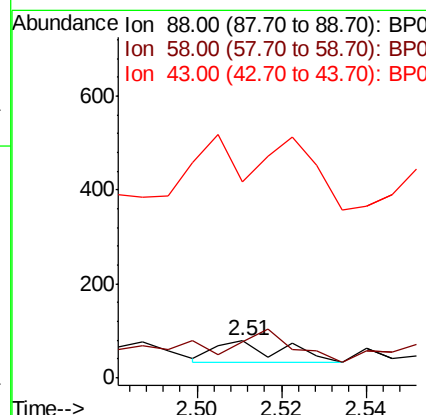
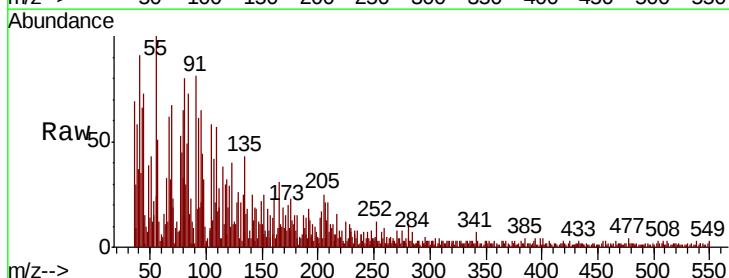
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.9 | 125.2 | 187.8 |
| 115     | 57.3  | 49.7  | 74.5  |

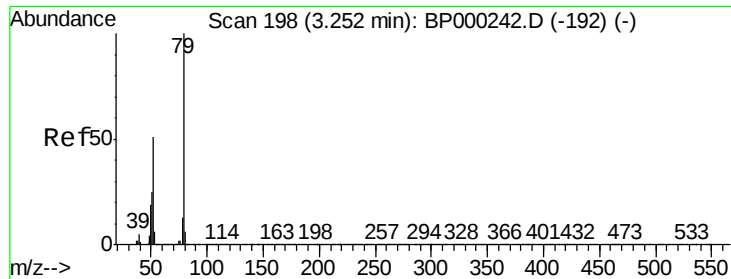


#2

1,4-Dioxane  
Concen: 0.006 ng  
RT: 2.51 min Scan# 72  
Delta R.T. 0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 120.0 | 45.4  | 68.2# |
| 43      | 168.0 | 15.0  | 22.6# |





#3

Pvridine

Concen: 0.117 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.04 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

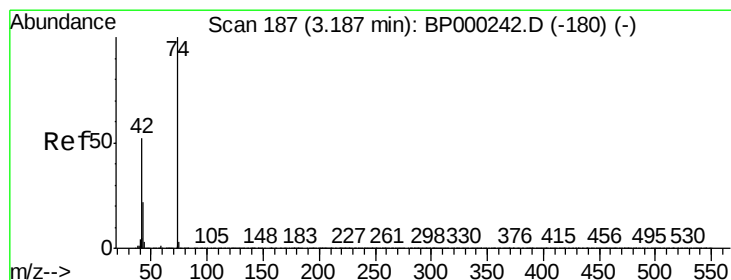
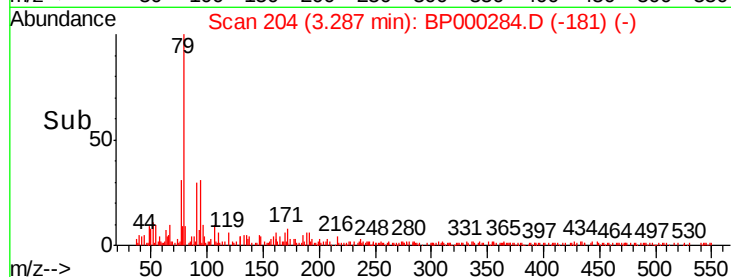
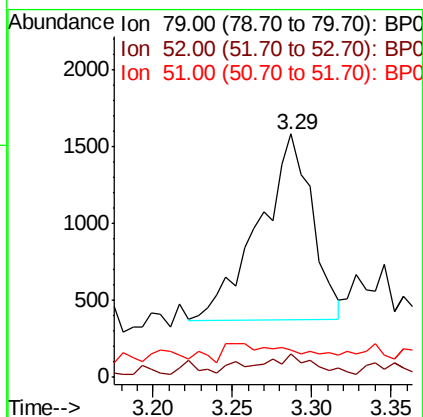
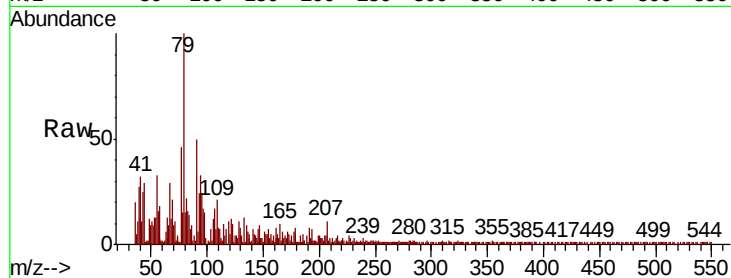
Tot Ion: 79 Resp: 2808

Ion Ratio Lower Upper

79 100

52 9.5 40.9 61.3#

51 11.3 20.2 30.2#



#4

n-Nitrosodimethylamine

Concen: 0.026 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.00 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

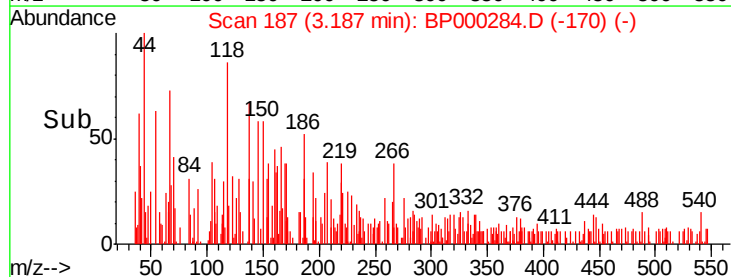
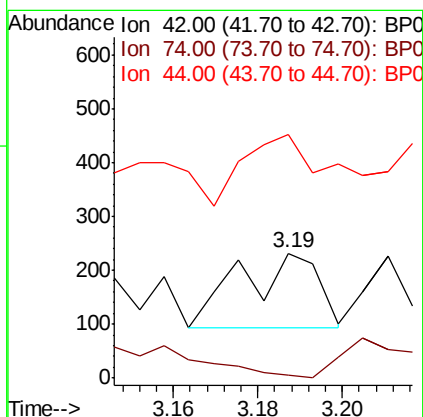
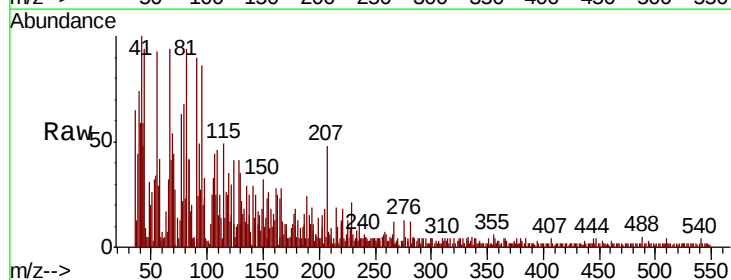
Tgt Ion: 42 Resp: 179

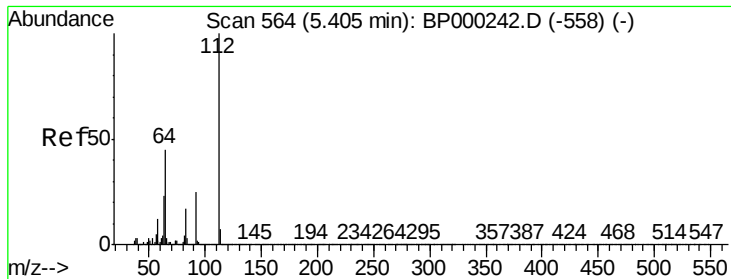
Ion Ratio Lower Upper

42 100

74 10.8 154.5 231.7#

44 194.8 5.9 8.9#





#5

2-Fluorophenol

Concen: 1.683 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BP000284.D

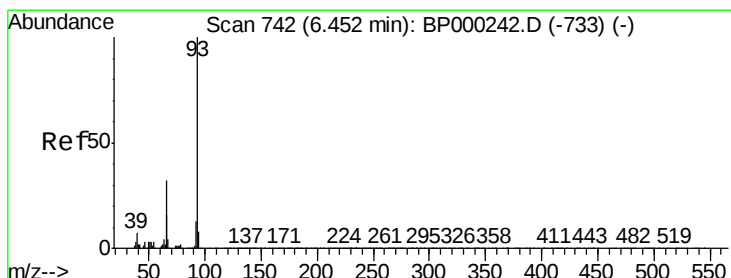
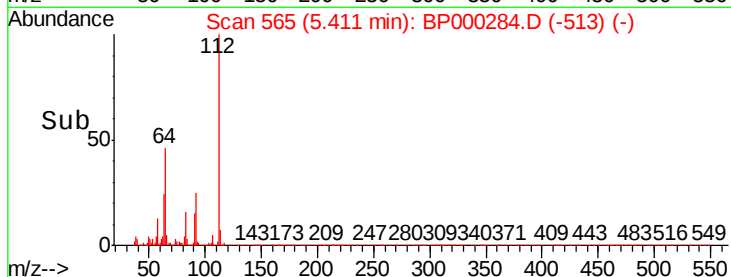
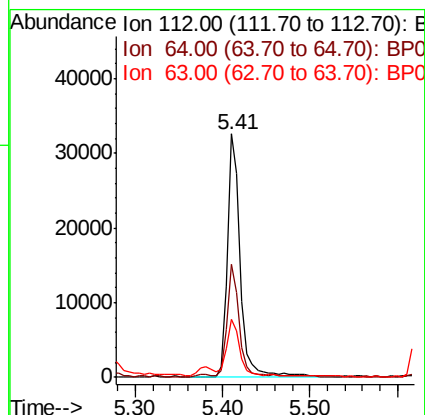
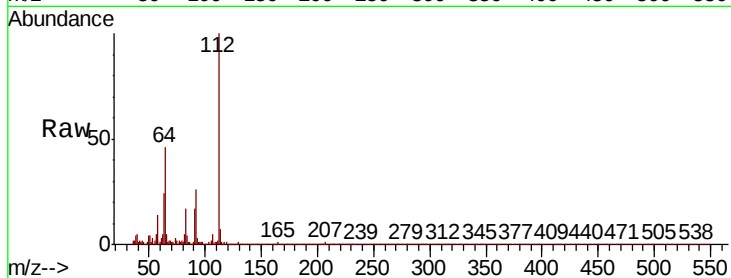
Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 112   | Resp: | 33260 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 46.3  | 36.2  | 54.4  |
| 63       | 24.0  | 18.3  | 27.5  |



#6

Aniline

Concen: 0.013 ng

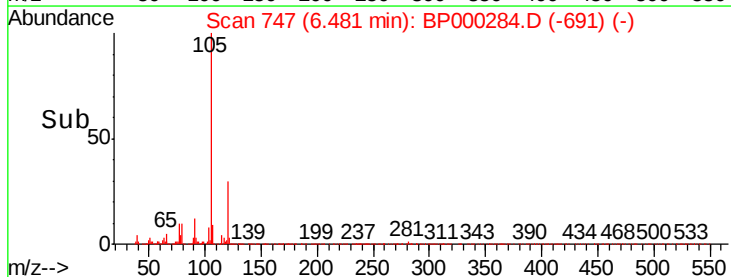
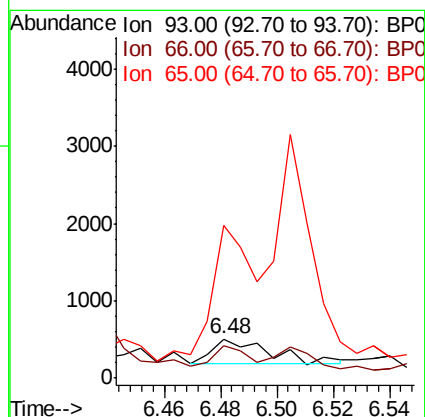
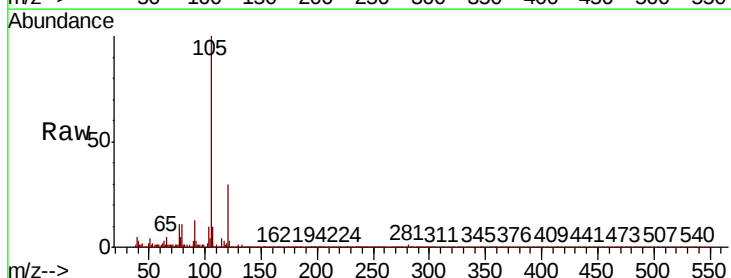
RT: 6.48 min Scan# 747

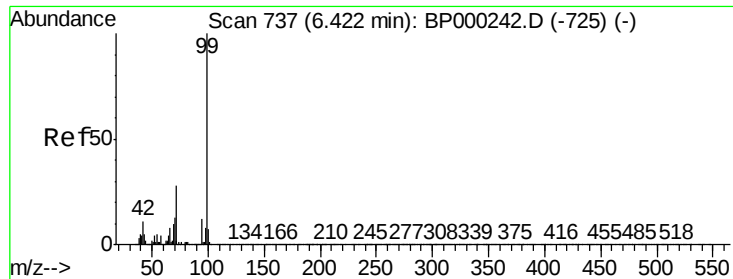
Delta R.T. 0.03 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 440   |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 66       | 81.9  | 26.2  | 39.2# |
| 65       | 391.7 | 12.7  | 19.1# |





#7

Phenol-d6

Concen: 1.796 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

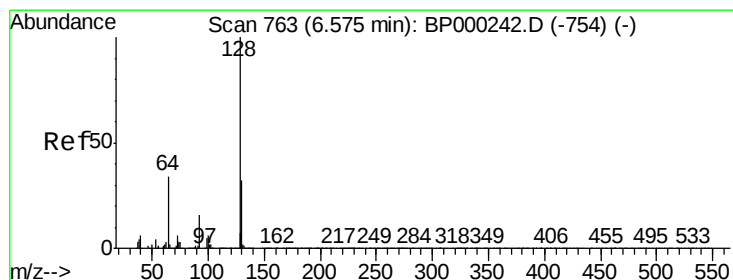
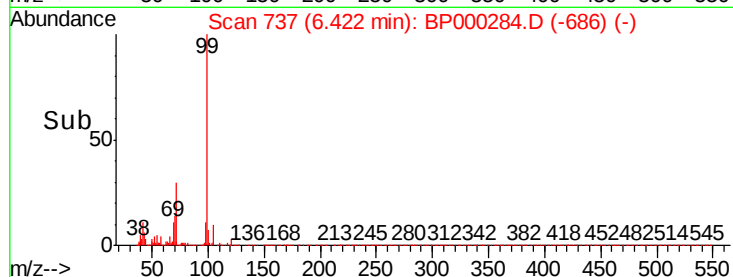
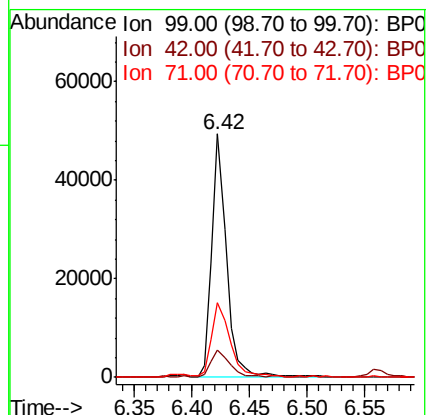
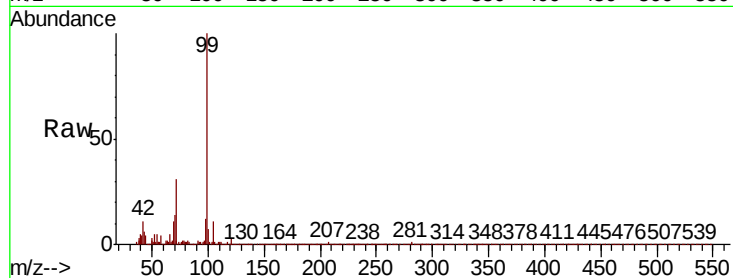
Tot Ion: 99 Resp: 43505

Ion Ratio Lower Upper

99 100

42 11.5 8.5 12.7

71 30.6 22.6 34.0



#8

2-Chlorophenol

Concen: 0.002 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.24 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

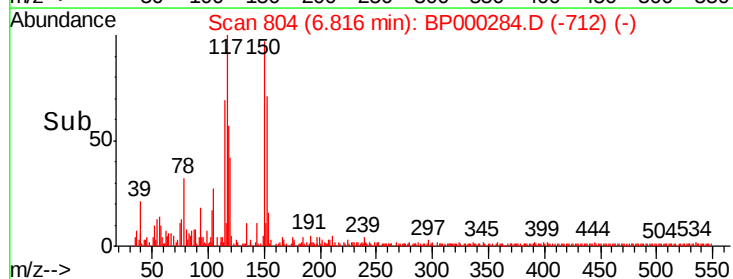
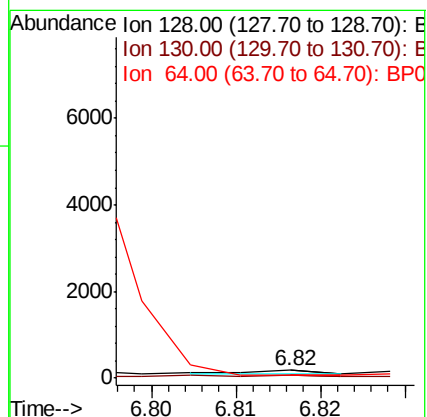
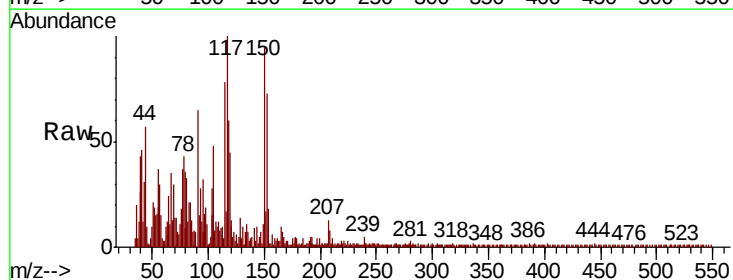
Tgt Ion: 128 Resp: 32

Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

64 47.4 16.0 56.0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.35 min Scan# 725

Delta R.T. 0.02 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampled :

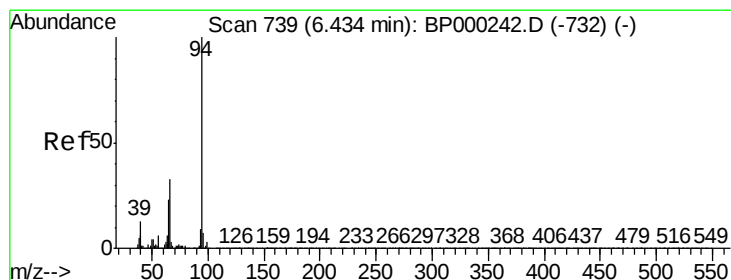
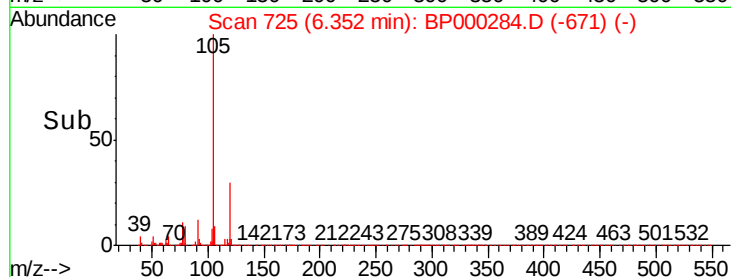
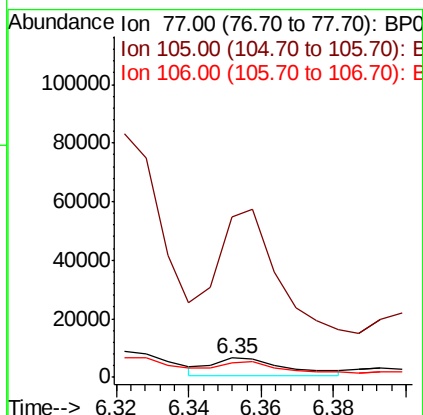
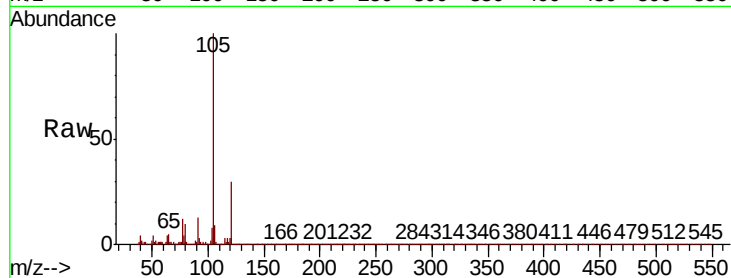
Tot Ion: 77 Resp: 8582

Ion Ratio Lower Upper

77 100

105 847.3 89.6 129.6#

106 76.9 84.6 124.6#



#10

Phenol

Concen: 0.045 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

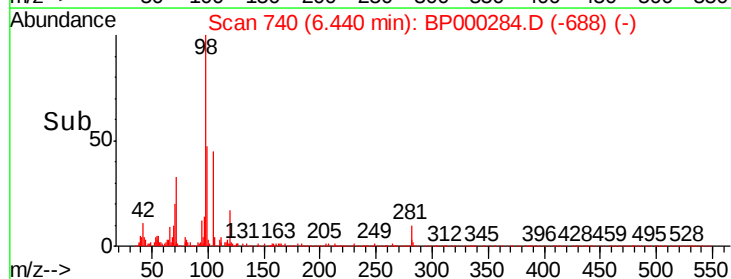
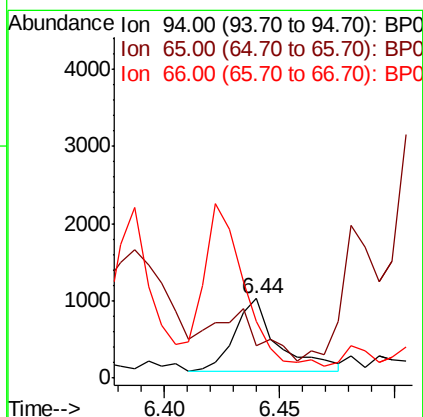
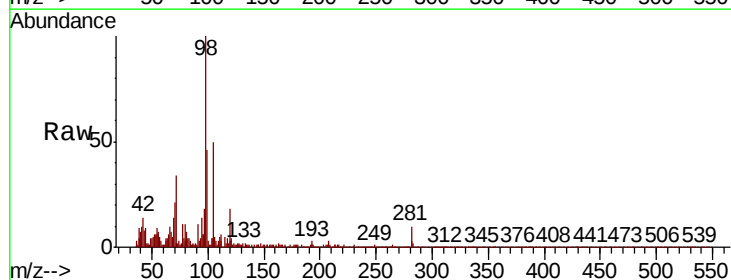
Tgt Ion: 94 Resp: 1239

Ion Ratio Lower Upper

94 100

65 40.8 3.3 43.3

66 70.7 12.7 52.7#

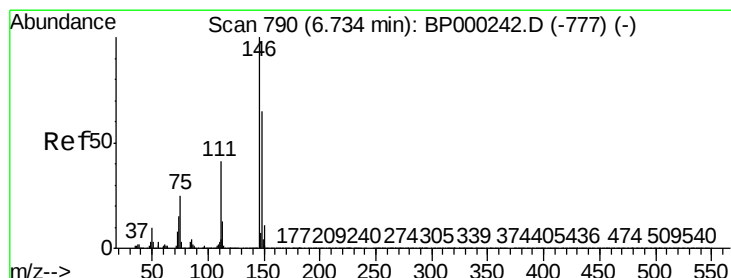
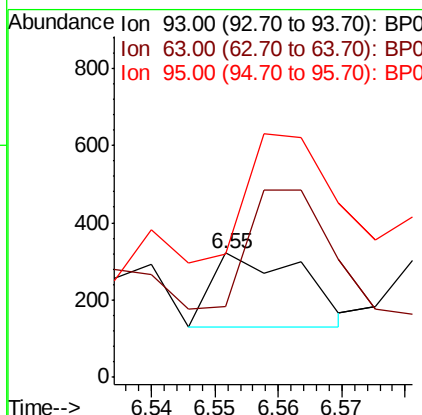
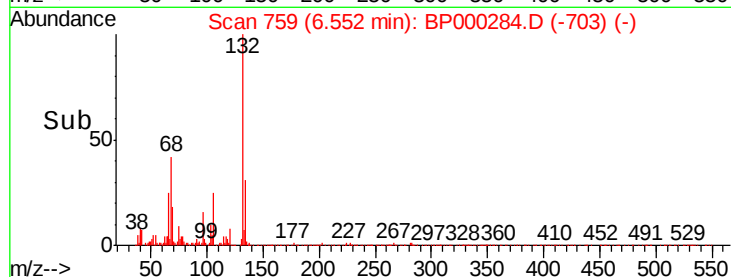
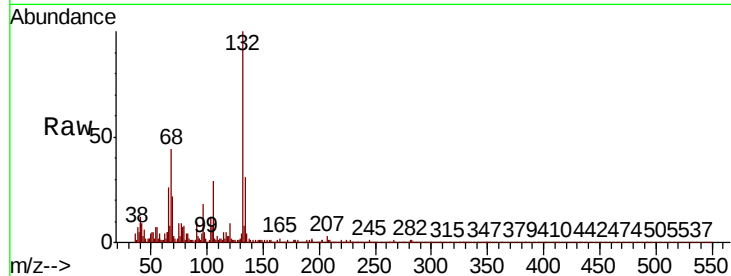




#11  
bis(2-Chloroethyl)ether  
Concen: 0.009 ng  
RT: 6.55 min Scan# 759  
Delta R.T. 0.03 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

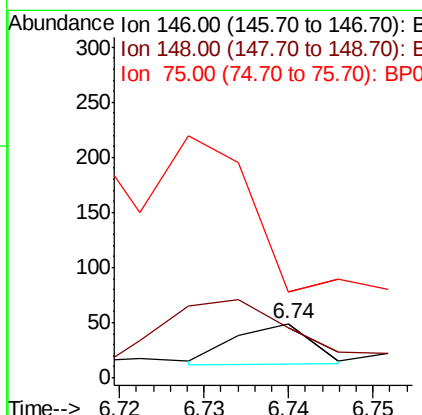
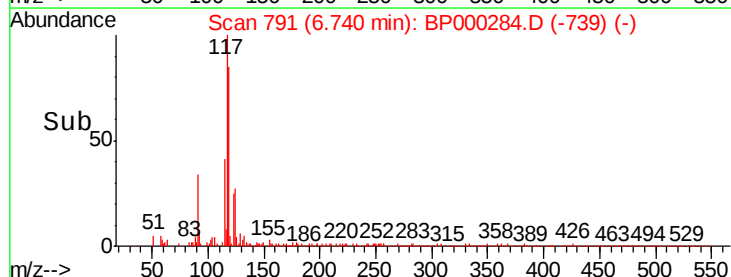
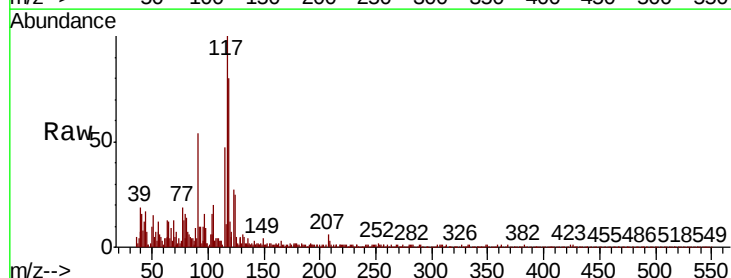
Instrument :  
BNA\_P  
ClientSampled :

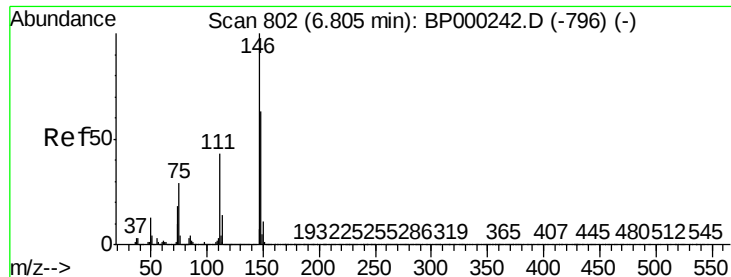
Tot Ion: 93 Resp: 190  
Ion Ratio Lower Upper  
93 100  
63 57.1 41.0 81.0  
95 99.1 12.7 52.7#



#12  
1,3-Dichlorobenzene  
Concen: 0.001 ng  
RT: 6.74 min Scan# 791  
Delta R.T. 0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Tgt Ion: 146 Resp: 23  
Ion Ratio Lower Upper  
146 100  
148 91.8 52.1 78.1#  
75 159.2 20.2 30.4#

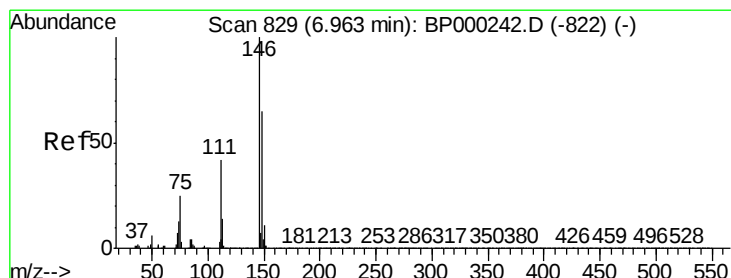
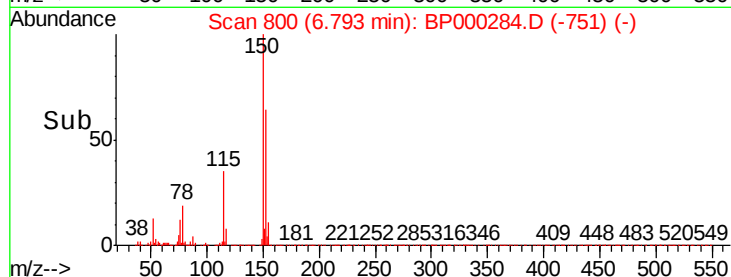
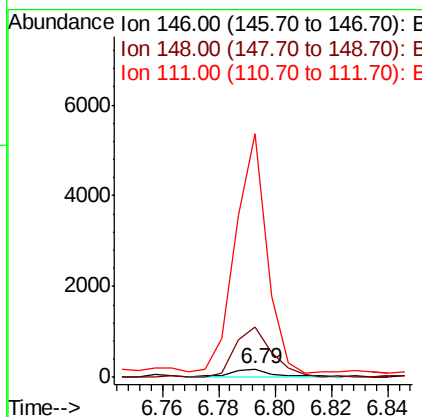
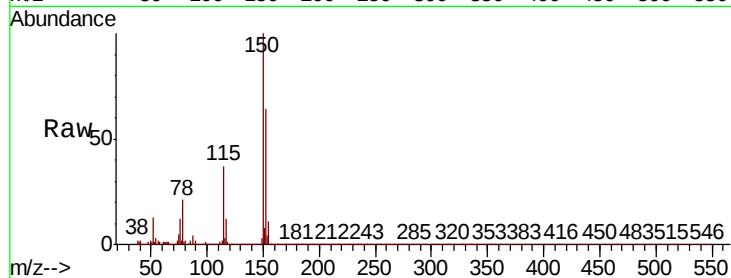




#13  
 1,4-Dichlorobenzene  
 Concen: 0.008 ng  
 RT: 6.79 min Scan# 800  
 Delta R.T. -0.01 min  
 Lab File: BP000284.D  
 Acq: 17 Sep 2019 19:50

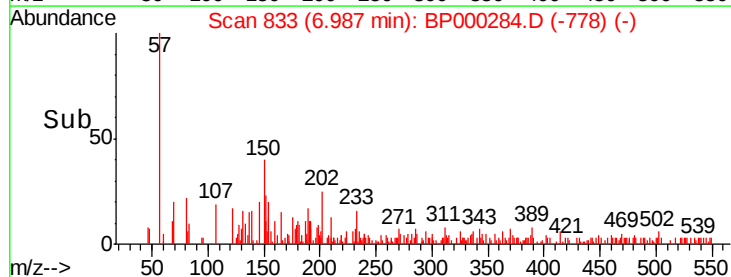
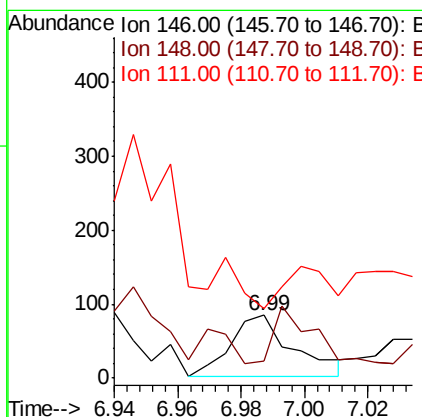
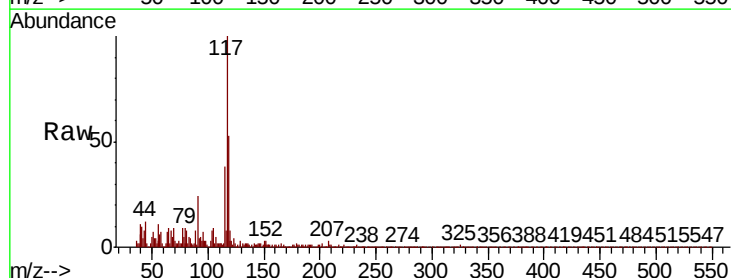
Instrument :  
 BNA\_P  
 ClientSampleId :

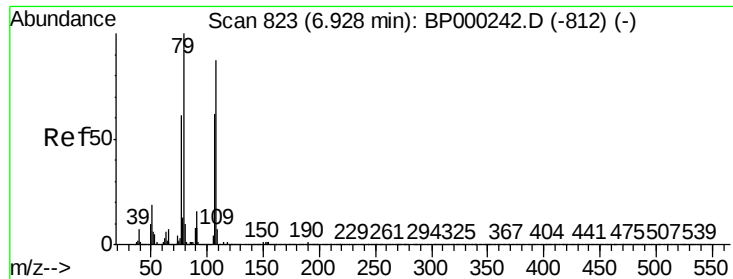
Tot Ion:146 Resp: 193  
 Ion Ratio Lower Upper  
 146 100  
 148 613.4 50.7 76.1#  
 111 2996.6 34.1 51.1#



#14  
 1,2-Dichlorobenzene  
 Concen: 0.005 ng  
 RT: 6.99 min Scan# 833  
 Delta R.T. 0.02 min  
 Lab File: BP000284.D  
 Acq: 17 Sep 2019 19:50

Tgt Ion:146 Resp: 114  
 Ion Ratio Lower Upper  
 146 100  
 148 27.1 51.7 77.5#  
 111 110.6 33.4 50.2#





#15

Benzyl Alcohol

Concen: 0.042 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.02 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampled :

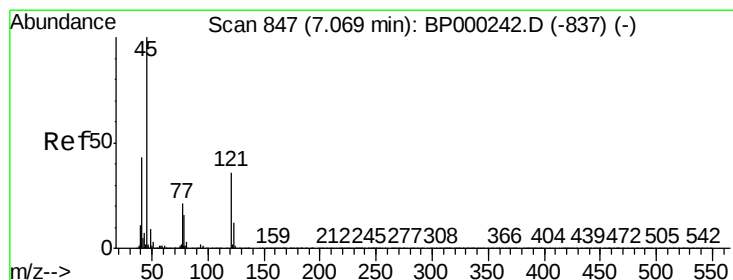
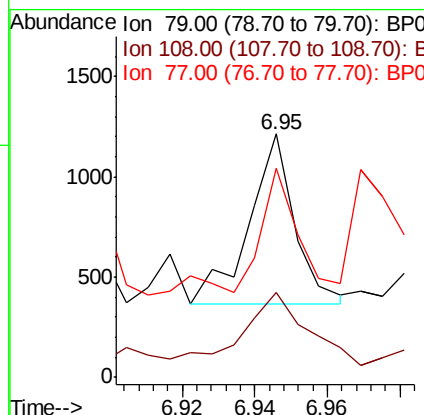
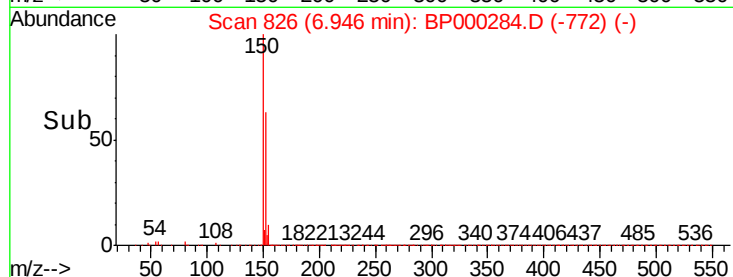
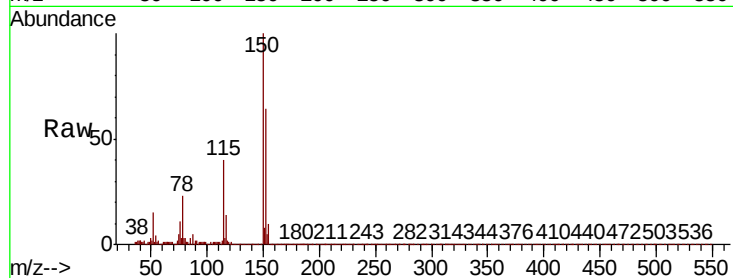
Tot Ion: 79 Resp: 741

Ion Ratio Lower Upper

79 100

108 34.8 69.2 103.8#

77 86.2 48.7 73.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.021 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

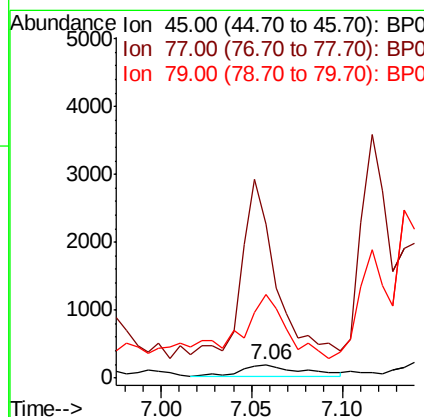
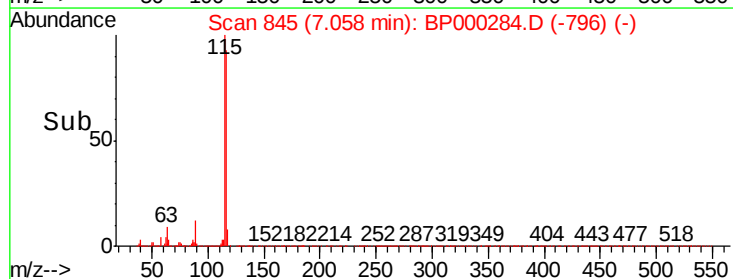
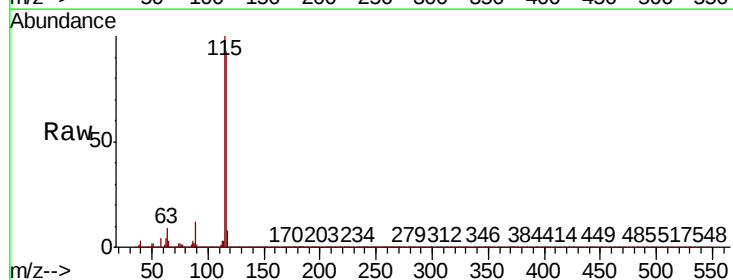
Tgt Ion: 45 Resp: 410

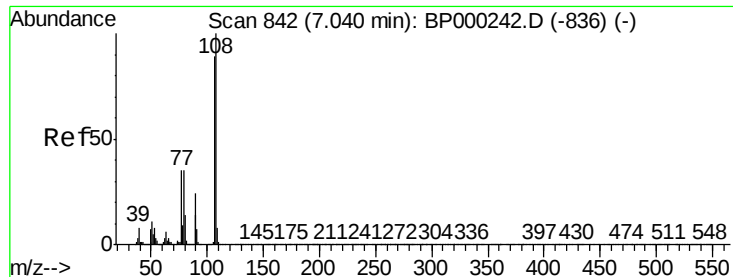
Ion Ratio Lower Upper

45 100

77 1160.5 0.7 40.7#

79 630.8 0.0 36.4#

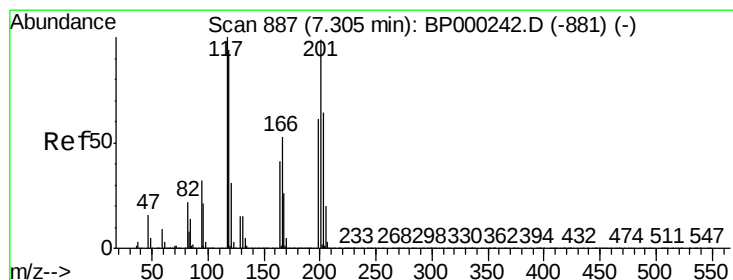
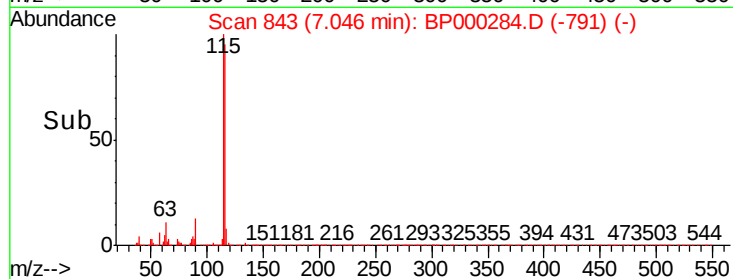
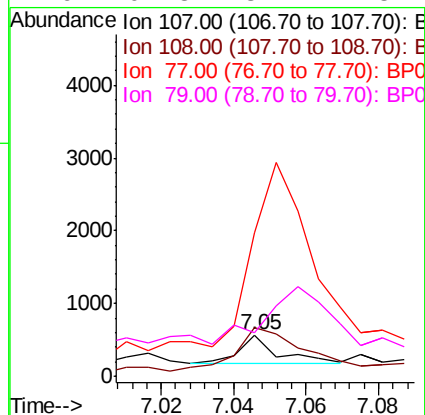
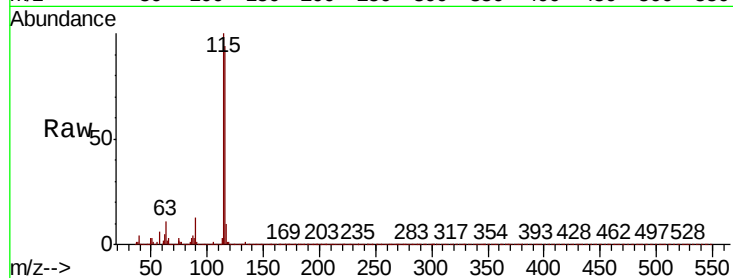




#17  
2-Methylphenol  
Concen: 0.016 ng  
RT: 7.05 min Scan# 843  
Delta R.T. 0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

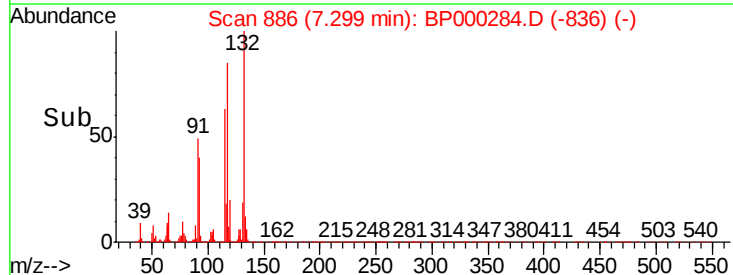
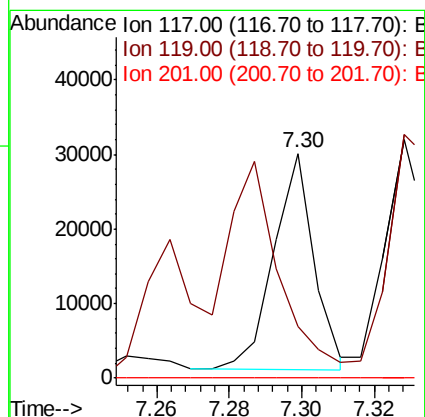
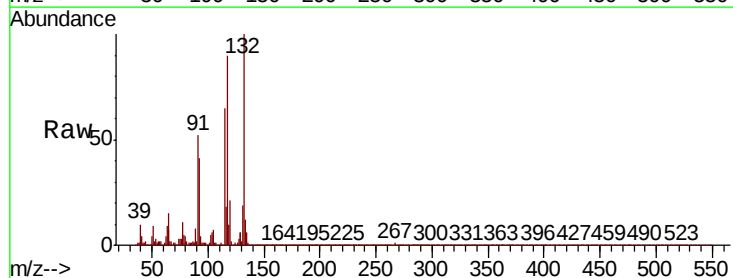
Instrument :  
BNA\_P  
ClientSampleId :

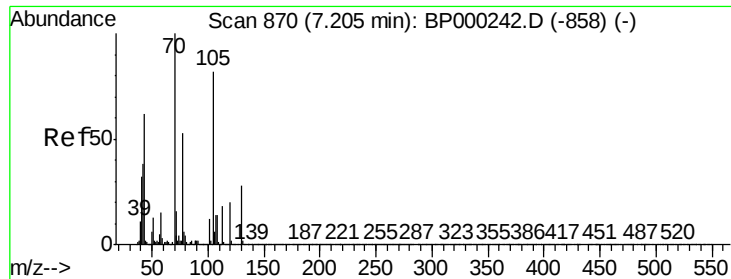
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 296   |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 116.9 | 90.1  | 135.1 |
| 77       | 347.6 | 31.5  | 47.3# |
| 79       | 104.8 | 32.2  | 48.2# |



#18  
Hexachloroethane  
Concen: 2.392 ng  
RT: 7.30 min Scan# 886  
Delta R.T. -0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 22492  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 23.2  | 75.6  | 113.4# |
| 201      | 0.1   | 79.4  | 119.2# |

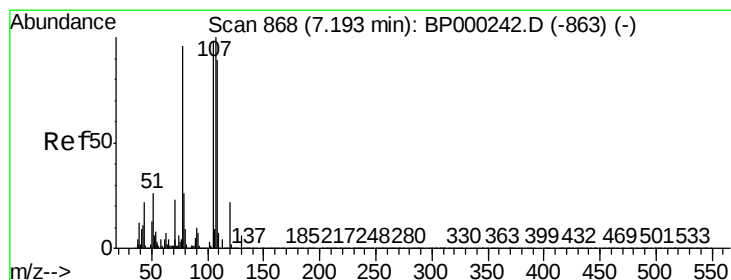
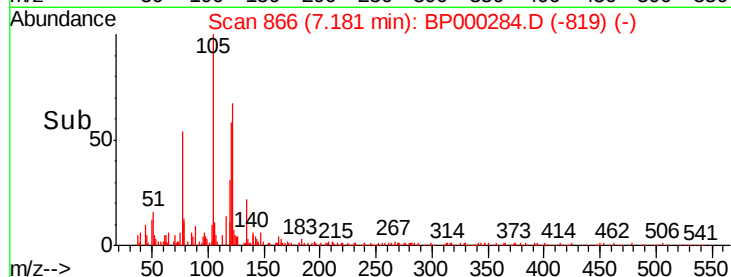
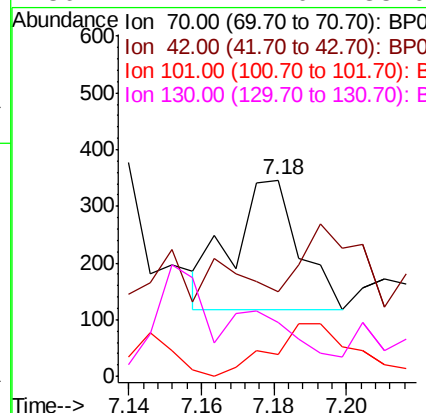
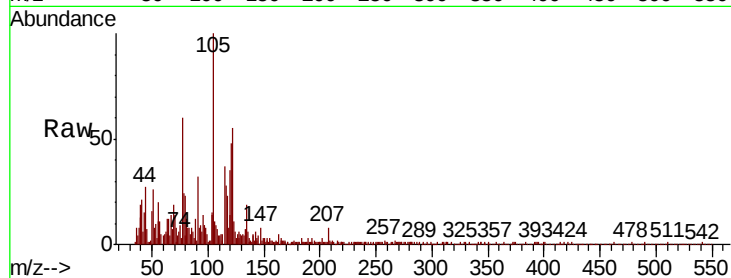




#19  
n-Nitroso-di-n-propylamine  
Concen: 0.023 ng  
RT: 7.18 min Scan# 866  
Delta R.T. -0.02 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

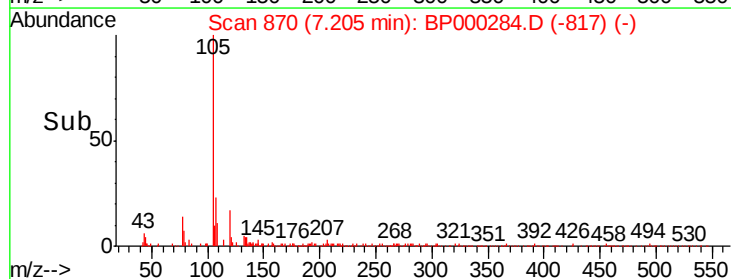
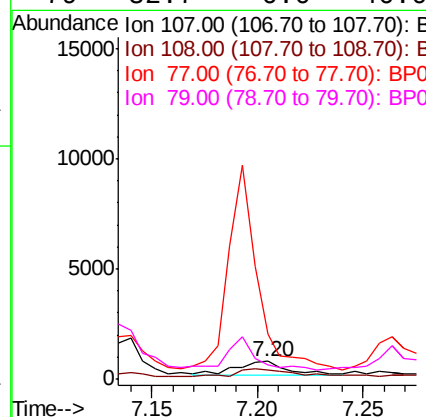
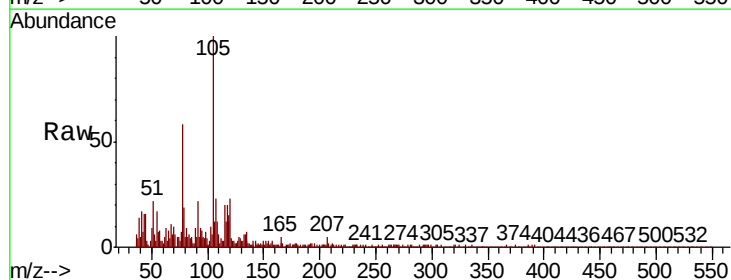
Instrument :  
BNA\_P  
ClientSampleId :

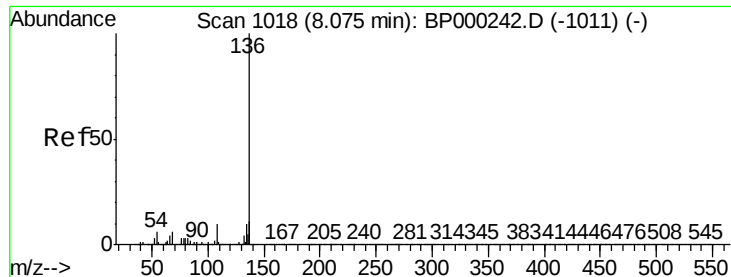
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 291   |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 43.1  | 30.7  | 46.1  |
| 101      | 11.3  | 9.6   | 14.4  |
| 130      | 27.7  | 22.0  | 33.0  |



#20  
3+4-Methylphenols  
Concen: 0.048 ng  
RT: 7.20 min Scan# 870  
Delta R.T. 0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 1061   |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 54.9  | 68.8  | 108.8# |
| 77       | 257.4 | 75.7  | 115.7# |
| 79       | 82.7  | 6.0   | 46.0#  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

Tot Ion:136 Resp: 1255112

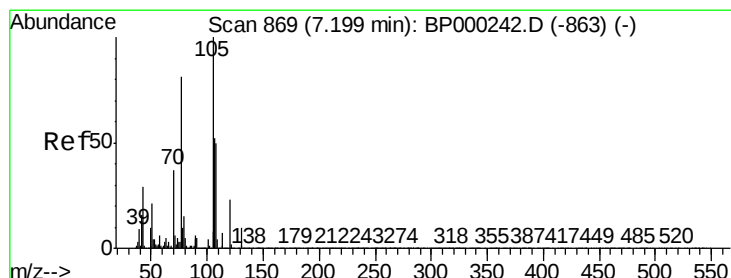
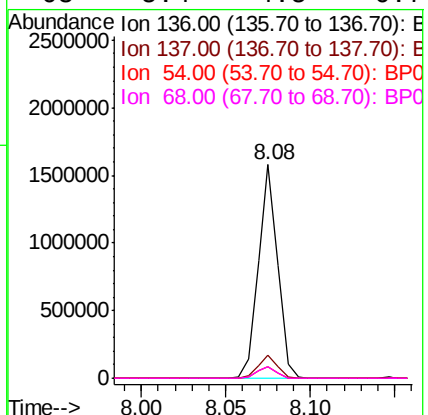
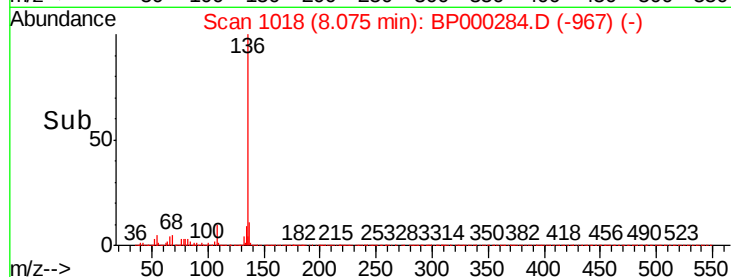
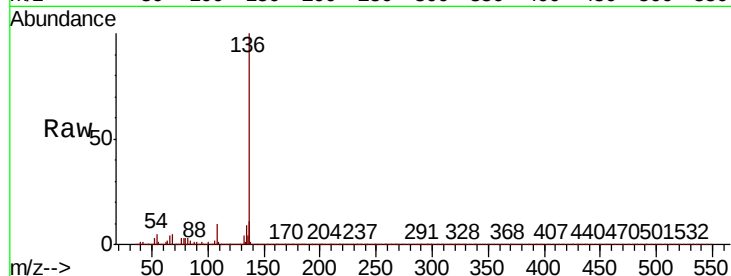
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 13.0  |
| 54  | 5.4   | 4.5   | 6.7   |
| 68  | 5.4   | 4.5   | 6.7   |

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: 0.668 ng

RT: 7.19 min Scan# 868

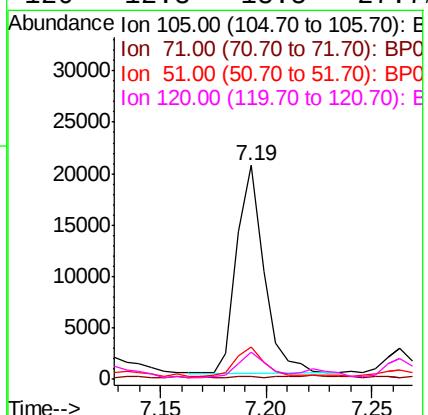
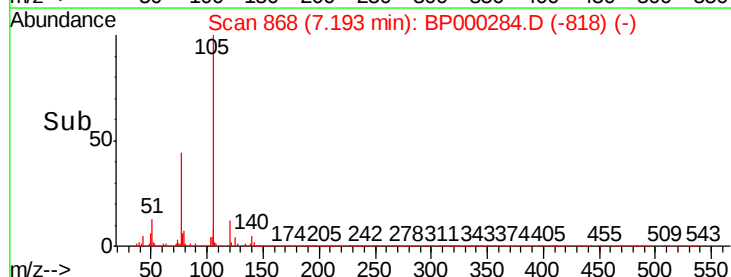
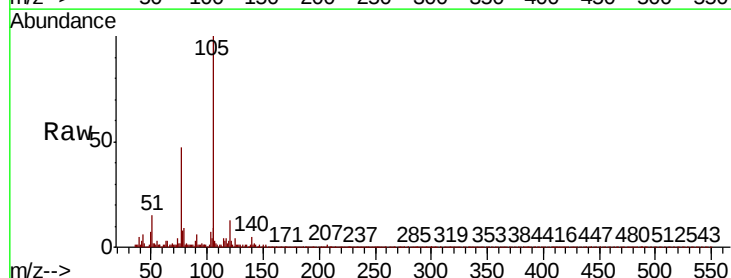
Delta R.T. -0.01 min

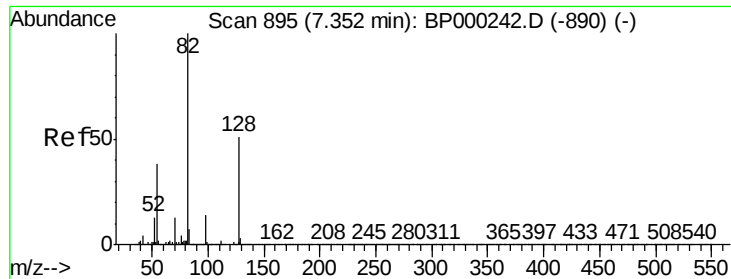
Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Tgt Ion:105 Resp: 18166

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 1.0   | 5.2   | 7.8#  |
| 51  | 14.8  | 16.6  | 24.8# |
| 120 | 12.8  | 18.5  | 27.7# |

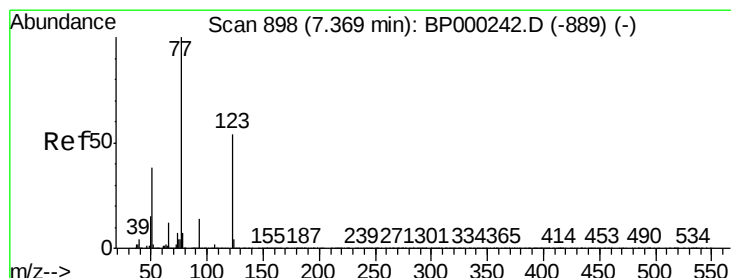
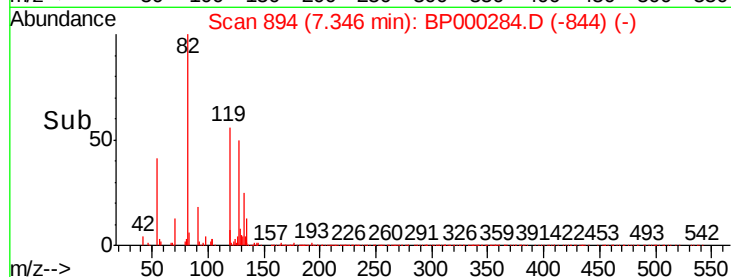
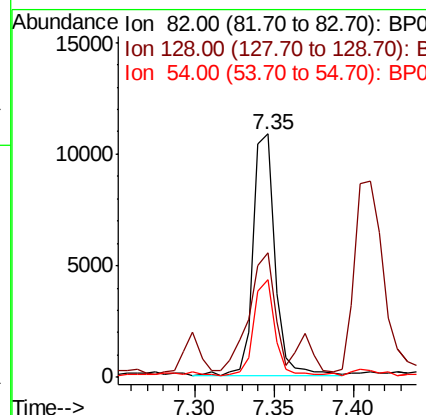
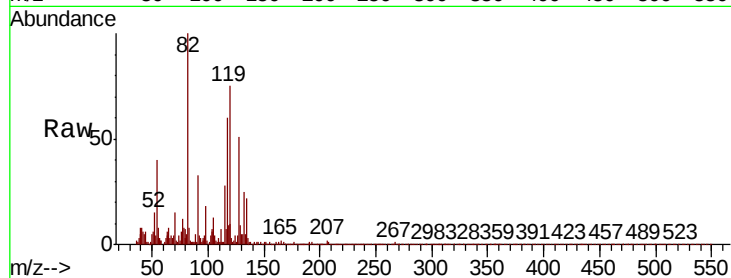




#23  
 Nitrobenzene-d5  
 Concen: 0.530 ng  
 RT: 7.35 min Scan# 894  
 Delta R.T. -0.01 min  
 Lab File: BP000284.D  
 Acq: 17 Sep 2019 19:50

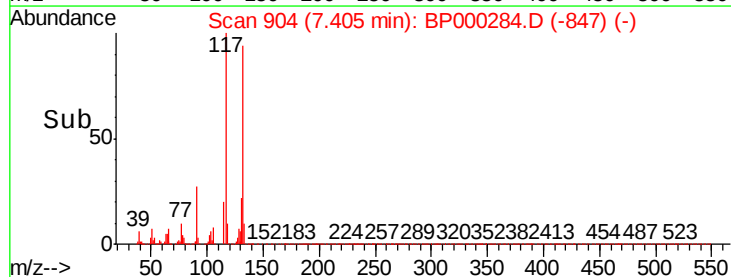
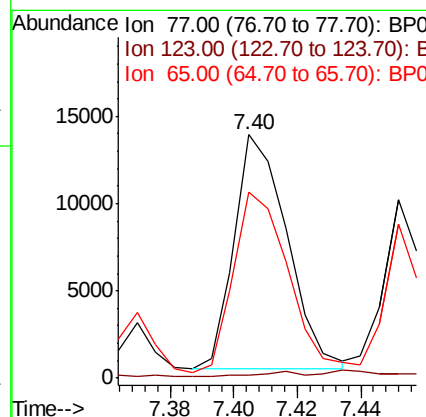
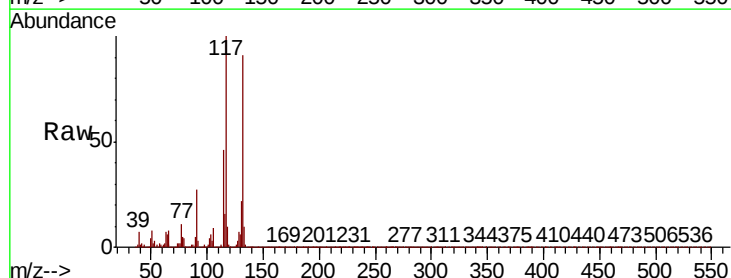
Instrument :  
 BNA\_P  
 ClientSampleID :

Tot Ion: 82 Resp: 10310  
 Ion Ratio Lower Upper  
 82 100  
 128 51.0 40.7 61.1  
 54 39.9 30.1 45.1



#24  
 Nitrobenzene  
 Concen: 0.769 ng  
 RT: 7.40 min Scan# 904  
 Delta R.T. 0.04 min  
 Lab File: BP000284.D  
 Acq: 17 Sep 2019 19:50

Tgt Ion: 77 Resp: 15544  
 Ion Ratio Lower Upper  
 77 100  
 123 1.4 43.1 64.7#  
 65 76.4 9.4 14.2#





#25

Isophorone

Concen: 0.033 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.04 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

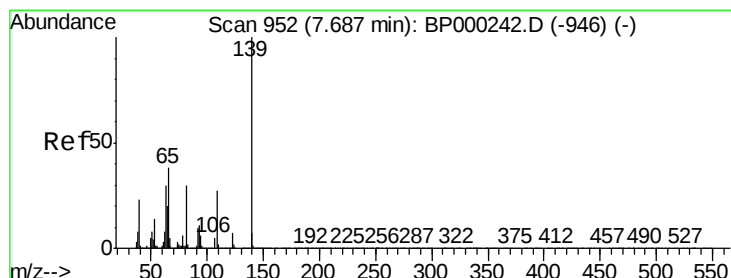
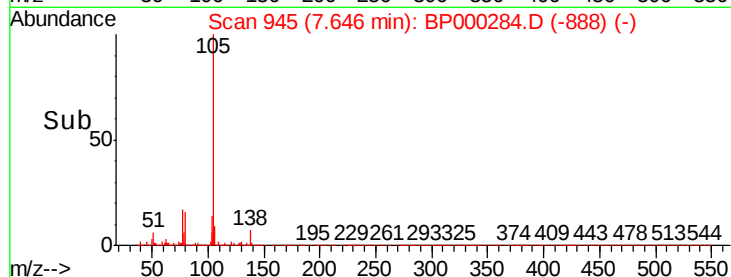
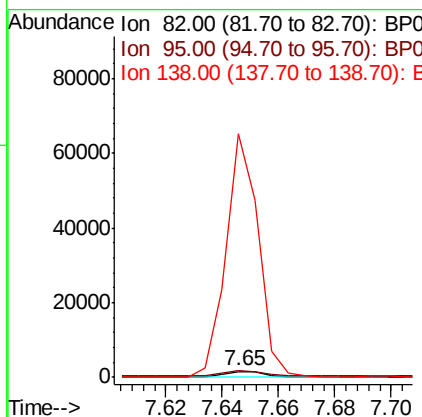
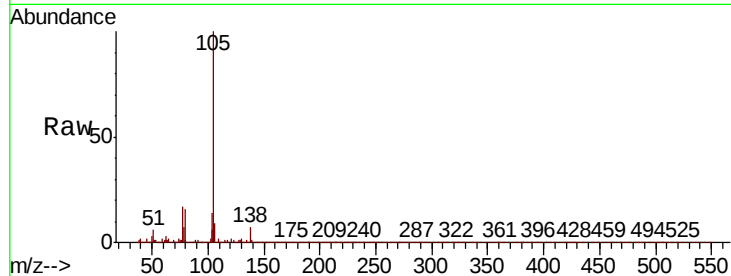
Instrument :

BNA\_P

ClientSampleId :

Tot Ion: 82 Resp: 1264

| Ion | Ratio  | Lower | Upper |
|-----|--------|-------|-------|
| 82  | 100    |       |       |
| 95  | 118.1  | 5.9   | 8.9#  |
| 138 | 3940.5 | 15.9  | 23.9# |



#26

2-Nitrophenol

Concen: 0.462 ng

RT: 7.65 min Scan# 945

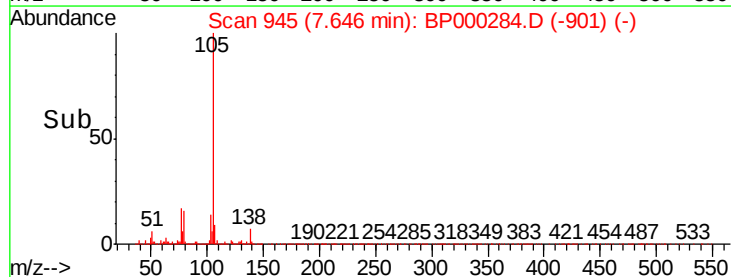
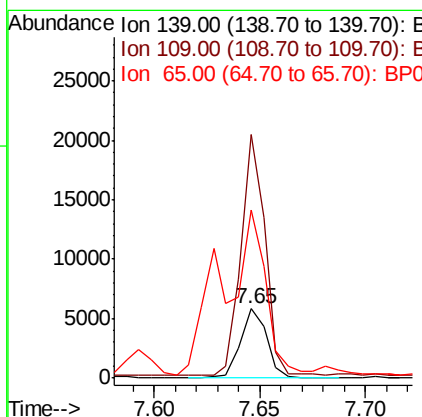
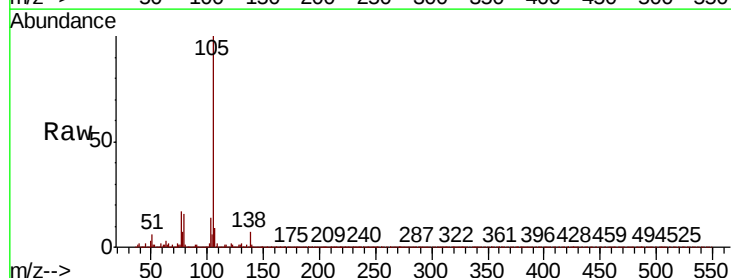
Delta R.T. -0.04 min

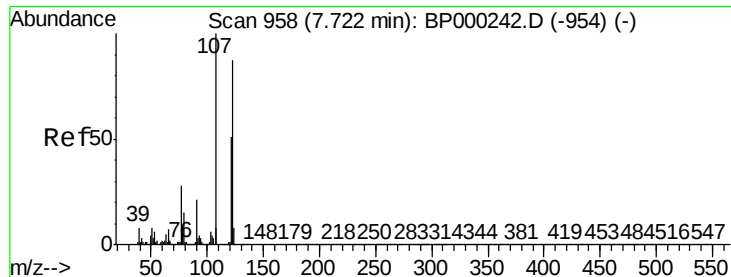
Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Tgt Ion: 139 Resp: 4945

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 351.4 | 21.8  | 32.6# |
| 65  | 242.4 | 30.5  | 45.7# |

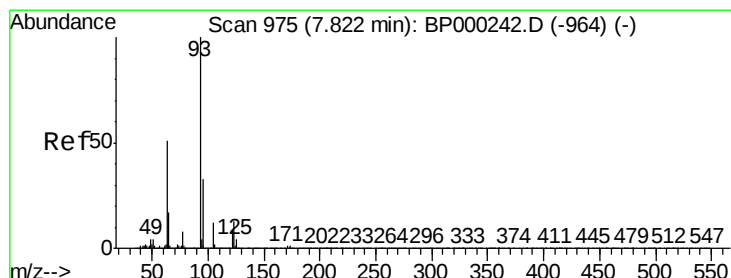
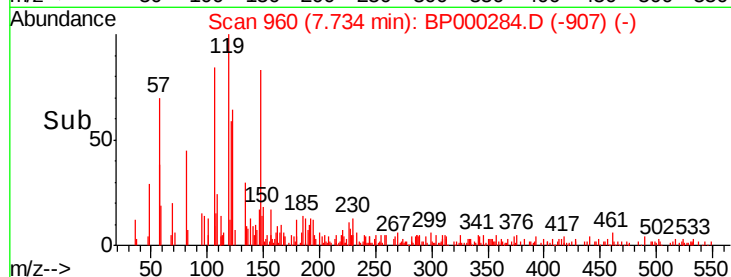
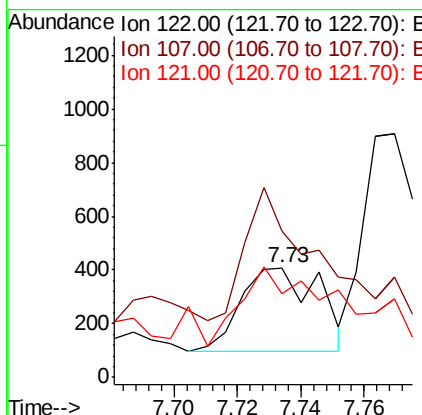
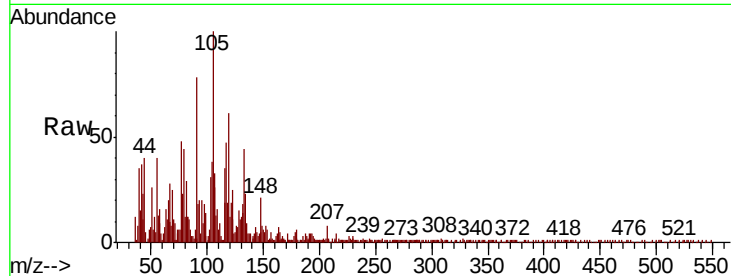




#27  
2,4-Dimethylphenol  
Concen: 0.031 ng  
RT: 7.73 min Scan# 960  
Delta R.T. 0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

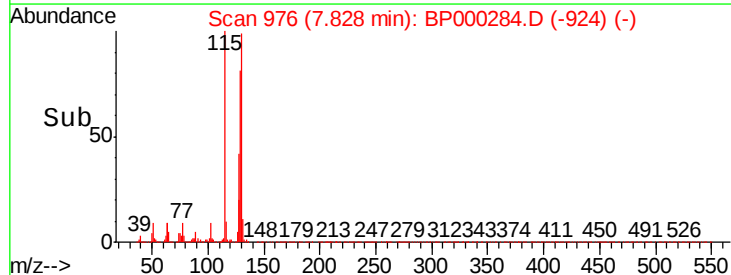
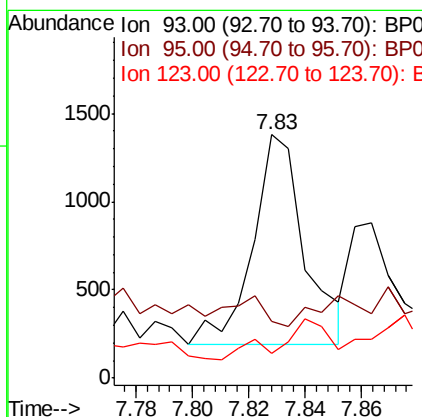
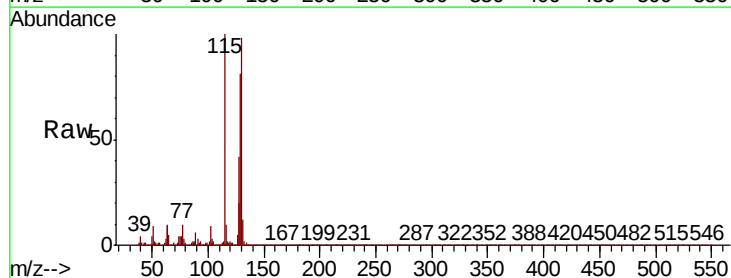
Instrument :  
BNA\_P  
ClientSampled :

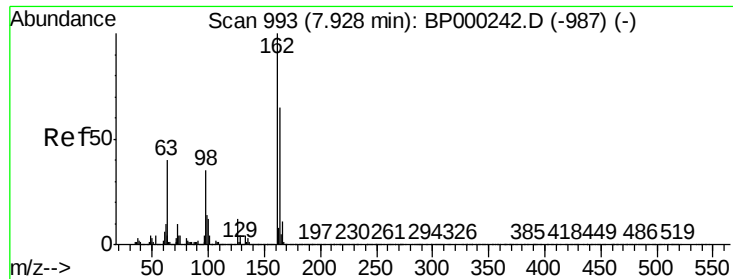
Tot Ion:122 Resp: 533  
Ion Ratio Lower Upper  
122 100  
107 132.8 91.5 137.3  
121 76.5 46.9 70.3#



#28  
bis(2-Chloroethoxy)methane  
Concen: 0.059 ng  
RT: 7.83 min Scan# 976  
Delta R.T. 0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Tgt Ion: 93 Resp: 1524  
Ion Ratio Lower Upper  
93 100  
95 23.1 26.2 39.4#  
123 10.1 10.2 15.2#

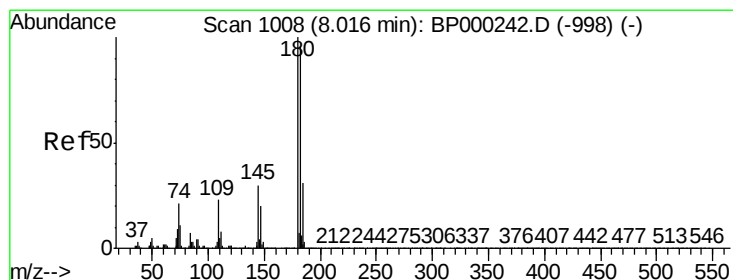
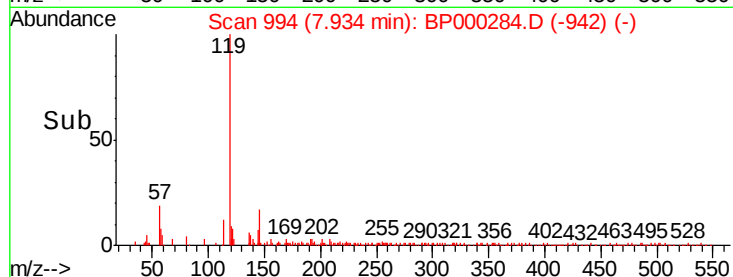
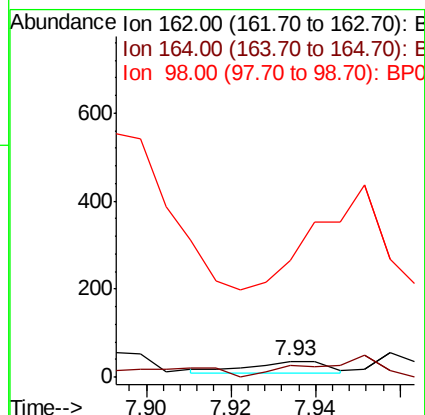
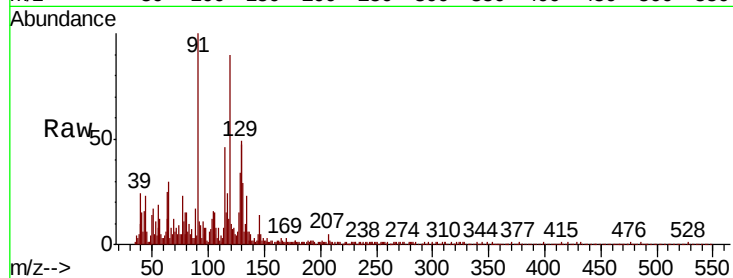




#29  
2,4-Dichlorophenol  
Concen: 0.002 ng  
RT: 7.93 min Scan# 994  
Delta R.T. 0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

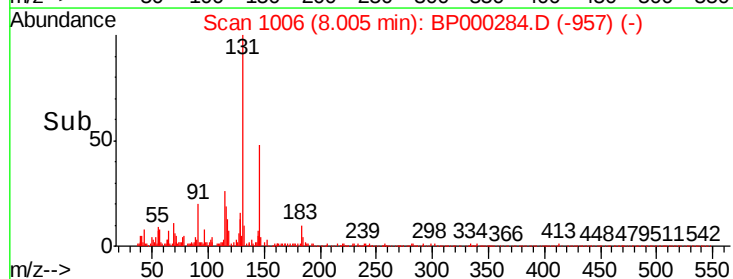
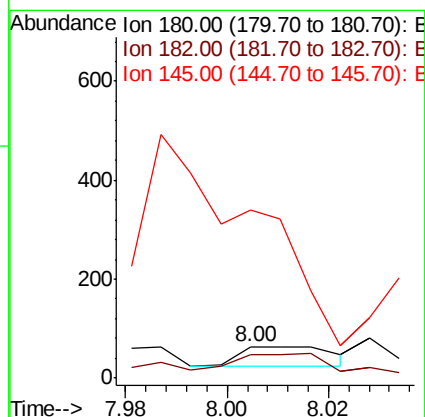
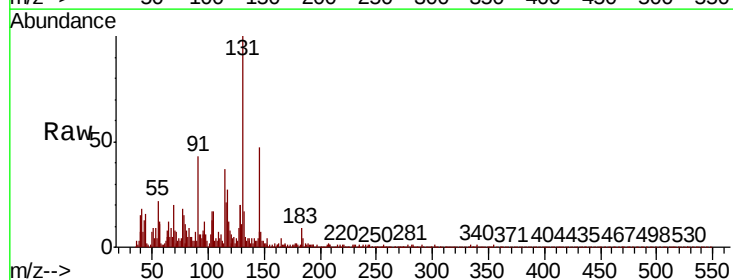
Instrument :  
BNA\_P  
ClientSampleId :

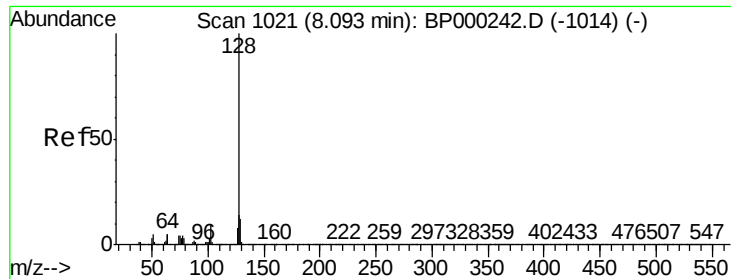
Tot Ion:162 Resp: 36  
Ion Ratio Lower Upper  
162 100  
164 72.2 44.5 84.5  
98 736.1 15.2 55.2#



#30  
1,2,4-Trichlorobenzene  
Concen: 0.002 ng  
RT: 8.00 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Tgt Ion:180 Resp: 49  
Ion Ratio Lower Upper  
180 100  
182 73.4 77.2 115.8#  
145 531.3 24.3 36.5#

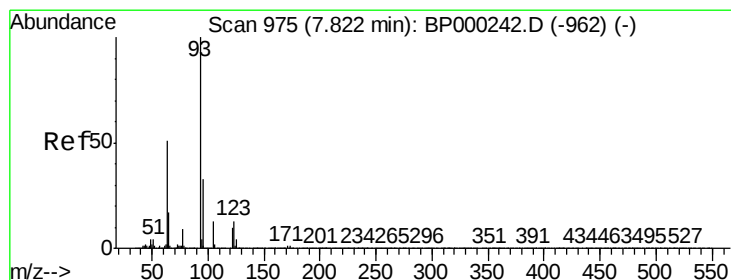
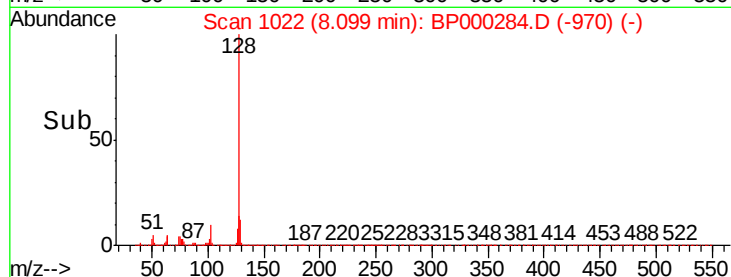
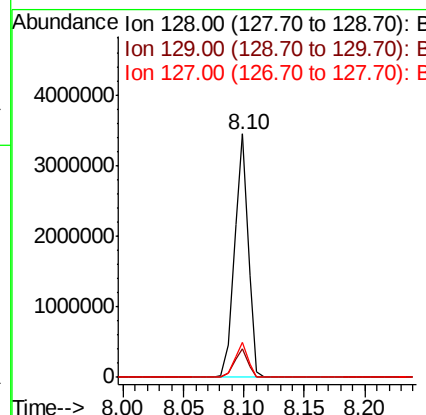
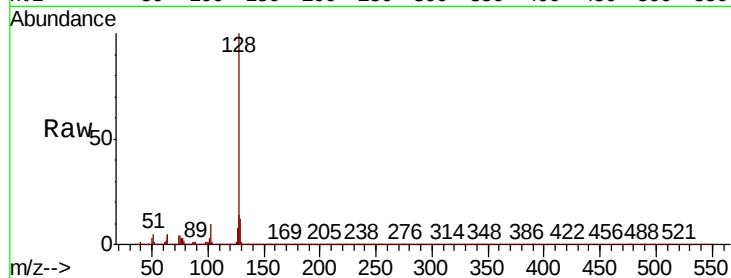




#31  
Naphthalene  
Concen: 46.427 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. 0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

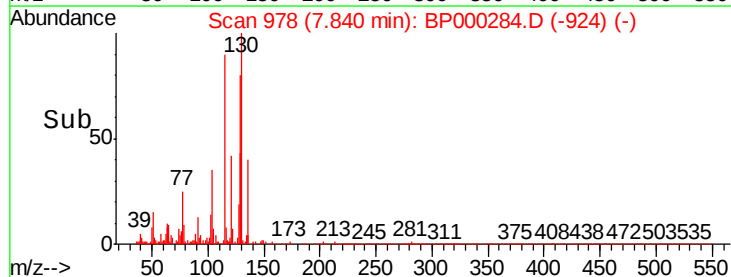
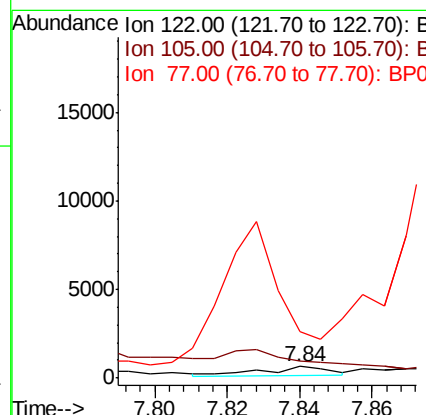
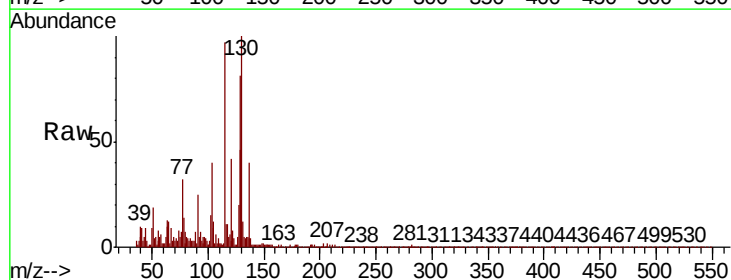
Instrument :  
BNA\_P  
ClientSampleId :

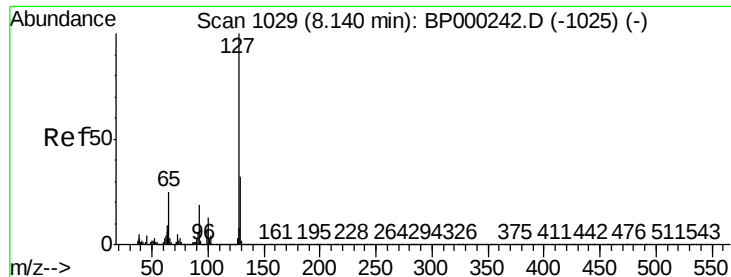
Tot Ion:128 Resp: 2698739  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.2 13.8  
127 14.2 11.0 16.6



#32  
Benzoic acid  
Concen: 0.058 ng  
RT: 7.84 min Scan# 978  
Delta R.T. 0.02 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Tgt Ion:122 Resp: 672  
Ion Ratio Lower Upper  
122 100  
105 149.9 105.4 145.4#  
77 396.7 65.3 105.3#

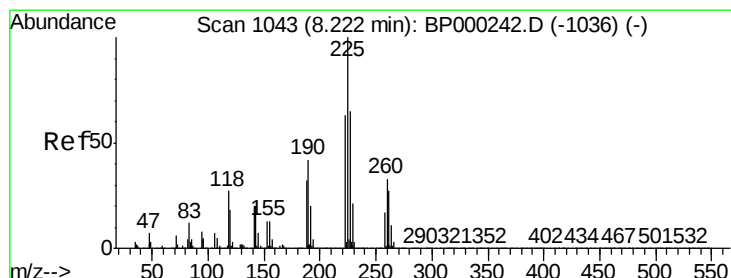
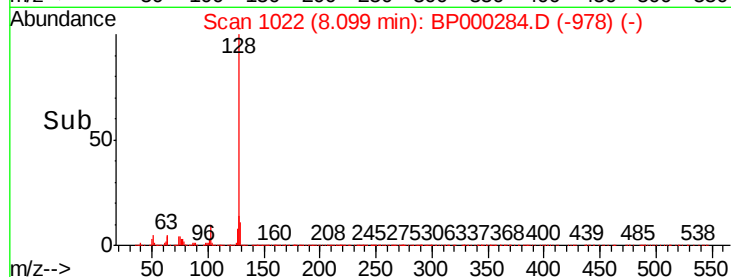
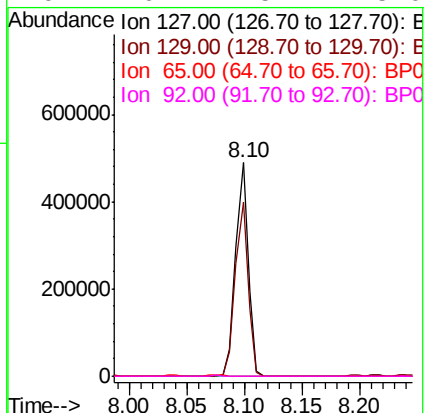
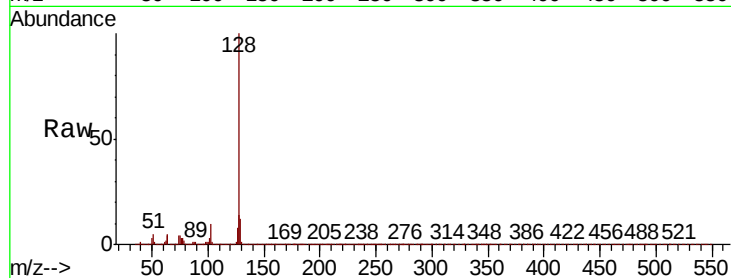




#33  
4-Chloroaniline  
Concen: 14.223 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. -0.04 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

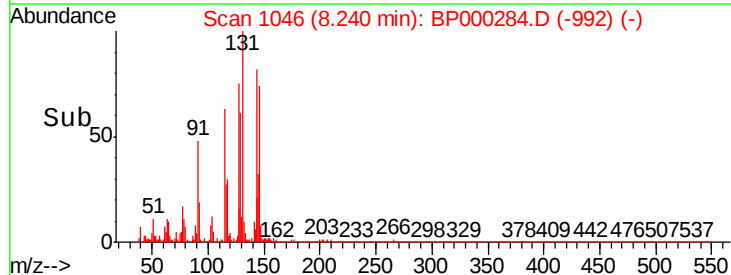
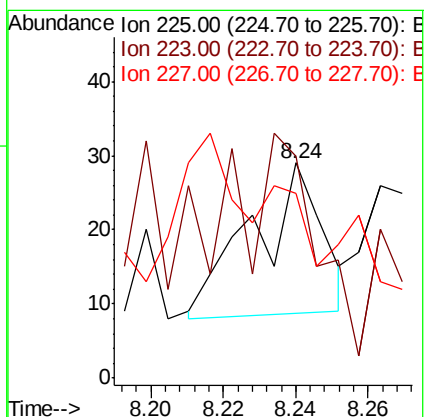
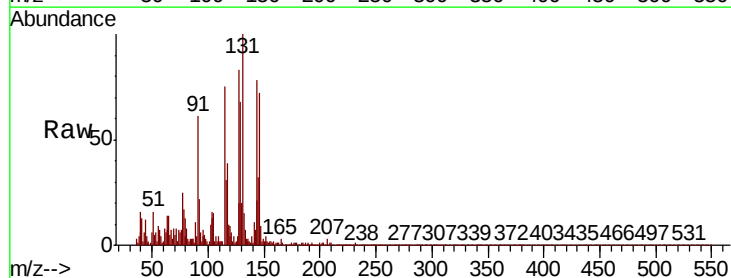
Instrument :  
BNA\_P  
ClientSampleId :

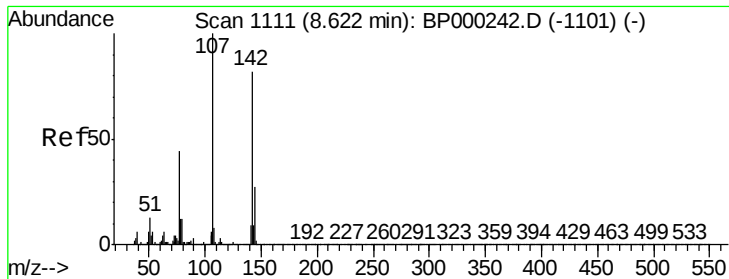
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 81.4  | 25.7  | 38.5# |
| 65      | 0.0   | 19.9  | 29.9# |
| 92      | 0.1   | 15.4  | 23.0# |



#34  
Hexachlorobutadiene  
Concen: 0.002 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.02 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 73.2  | 50.2  | 75.2  |
| 227     | 61.0  | 51.8  | 77.6  |

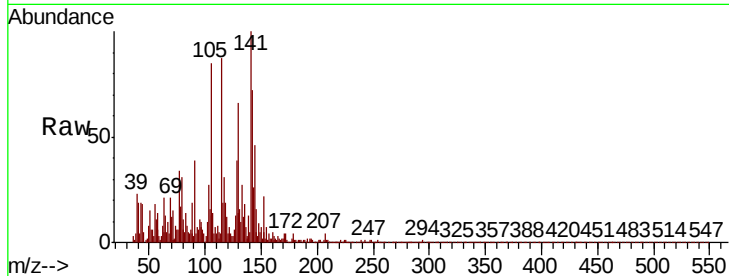




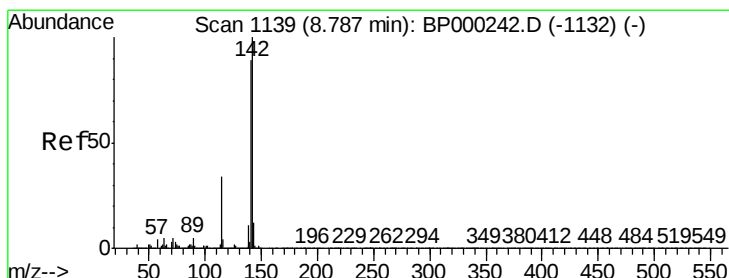
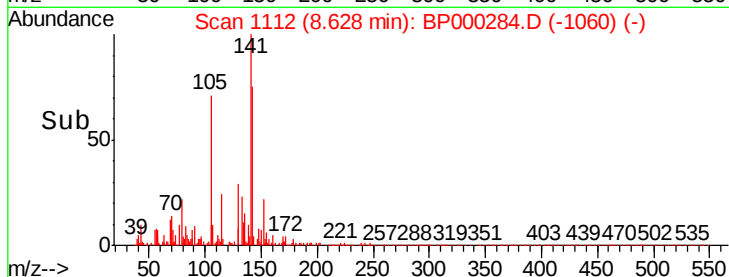
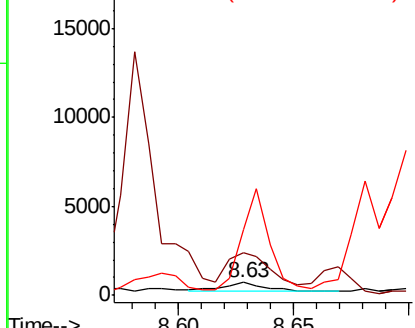
#36  
4-Chloro-3-methylphenol  
Concen: 0.036 ng  
RT: 8.63 min Scan# 1112  
Delta R.T. 0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:107 Resp: 660  
Ion Ratio Lower Upper  
107 100  
144 333.0 21.5 32.3#  
142 518.8 65.7 98.5#

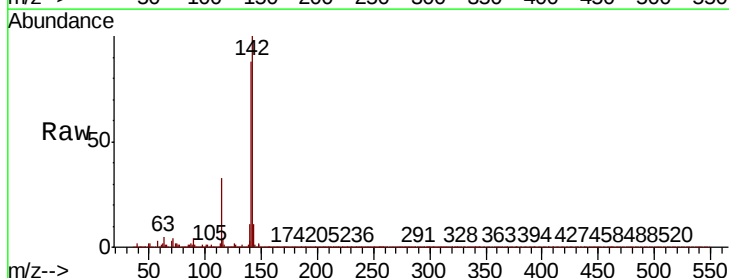


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E

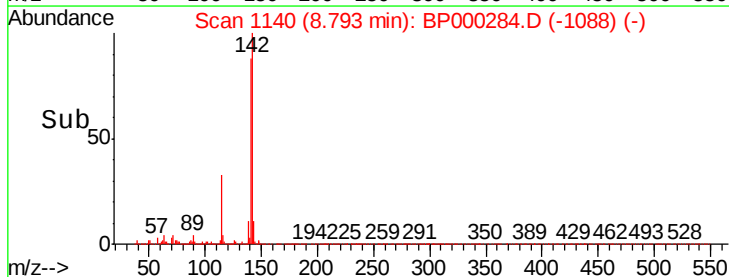
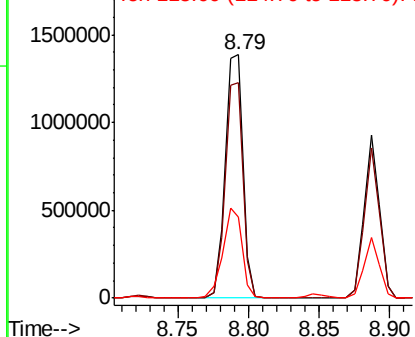


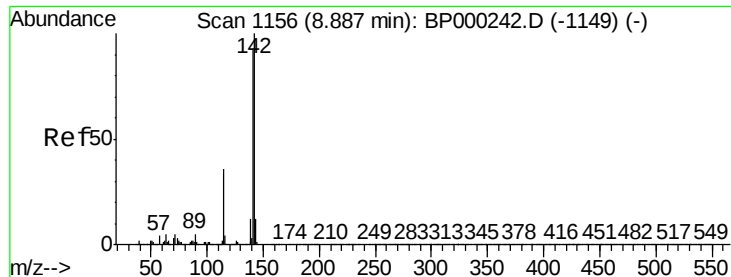
#37  
2-Methylnaphthalene  
Concen: 30.464 ng  
RT: 8.79 min Scan# 1140  
Delta R.T. 0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Tgt Ion:142 Resp: 1210530  
Ion Ratio Lower Upper  
142 100  
141 88.4 71.3 106.9  
115 33.2 27.2 40.8



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

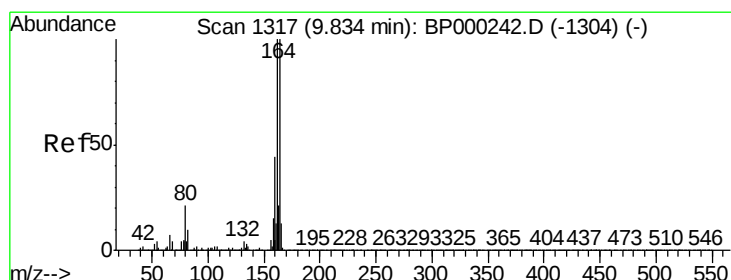
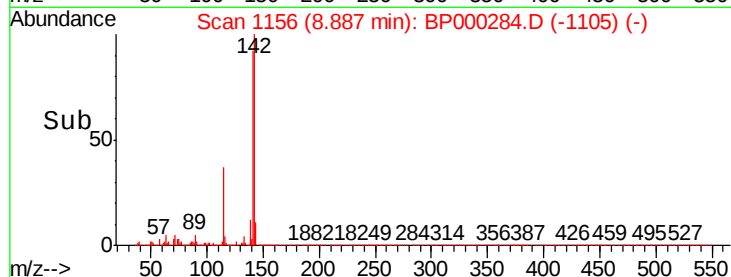
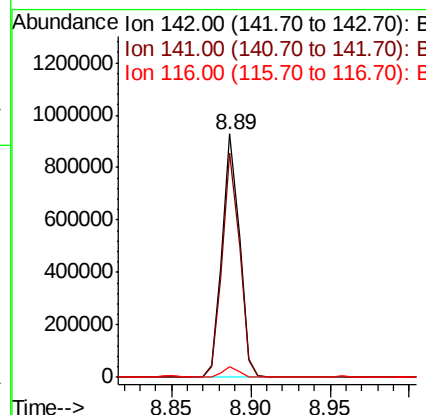
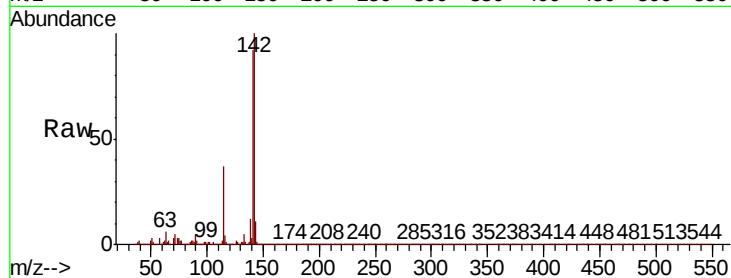




#38  
1-Methylnaphthalene  
Concen: 19.027 ng  
RT: 8.89 min Scan# 1156  
Delta R.T. 0.00 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

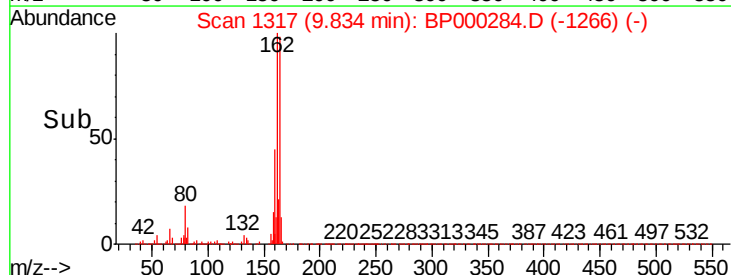
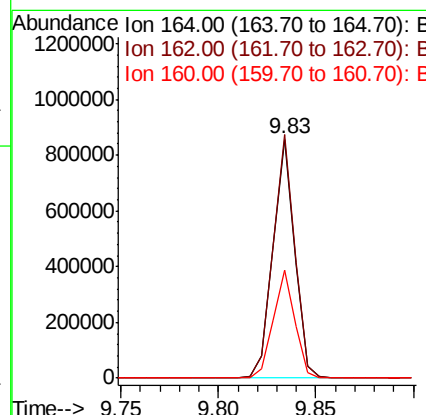
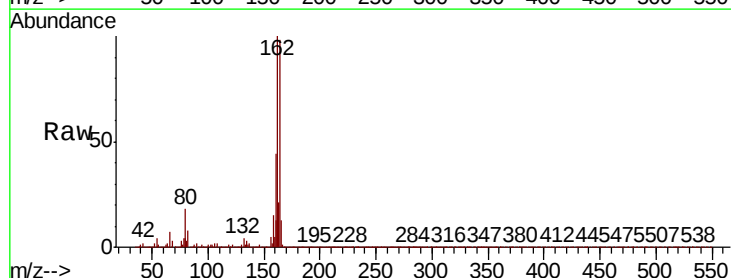
Instrument :  
BNA\_P  
ClientSampleId :

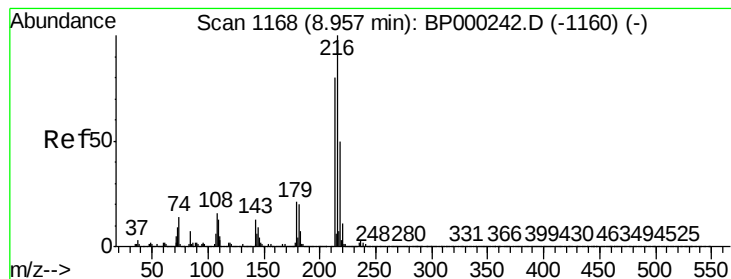
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.2  | 73.9  | 110.9 |
| 116     | 4.4   | 3.0   | 4.6   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.83 min Scan# 1317  
Delta R.T. 0.00 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.0 | 79.9  | 119.9 |
| 160     | 45.3  | 35.6  | 53.4  |





#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.004 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BP000284.D

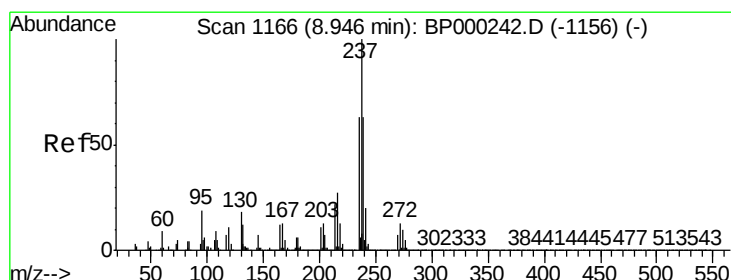
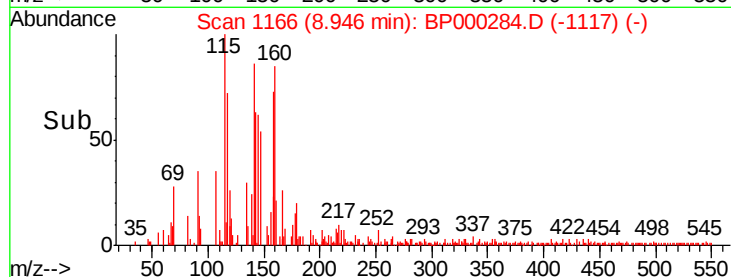
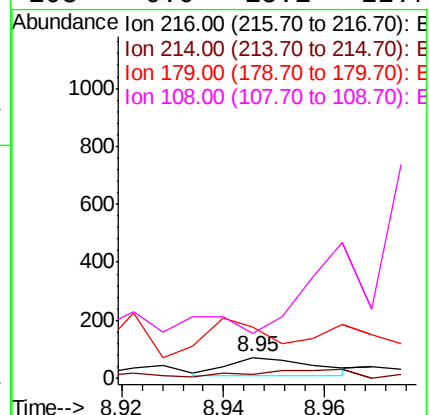
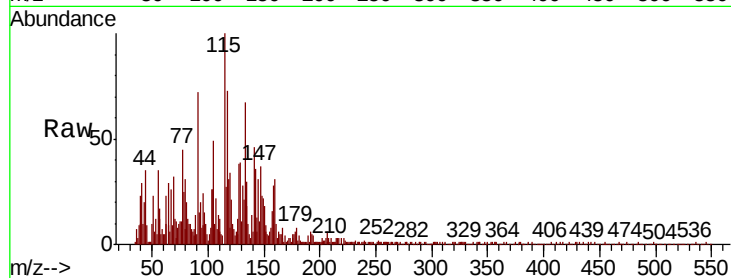
Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 75    |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 0.0   | 63.6  | 95.4# |
| 179      | 153.3 | 17.0  | 25.4# |
| 108      | 0.0   | 15.1  | 22.7# |



#41

Hexachlorocyclopentadiene

Concen: 0.003 ng

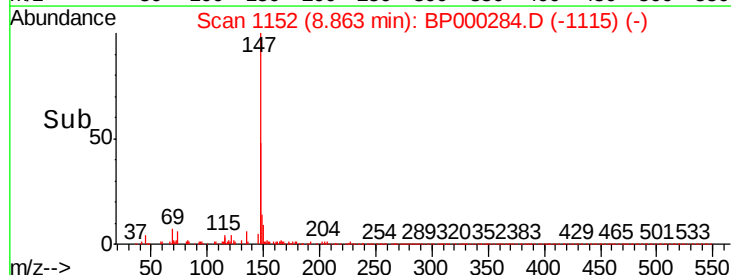
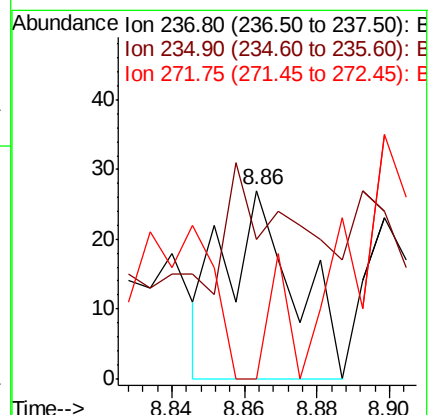
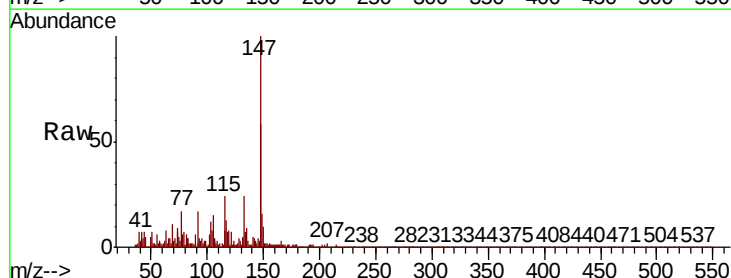
RT: 8.86 min Scan# 1152

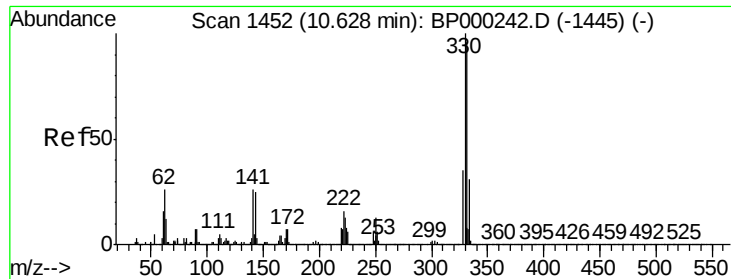
Delta R.T. -0.08 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 36    |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 74.1  | 43.5  | 83.5  |
| 272      | 0.0   | 0.0   | 33.0  |





#42

2,4,6-Tribromophenol

Concen: 1.350 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

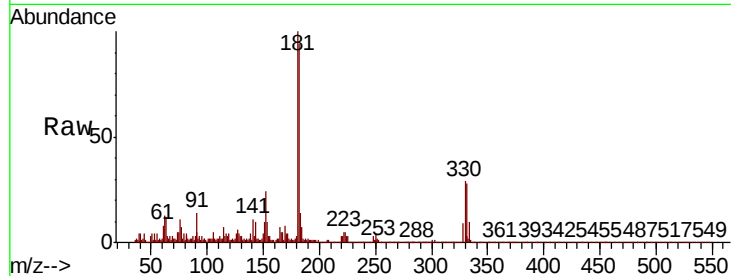
Tot Ion:330 Resp: 8855

Ion Ratio Lower Upper

330 100

332 92.7 76.6 115.0

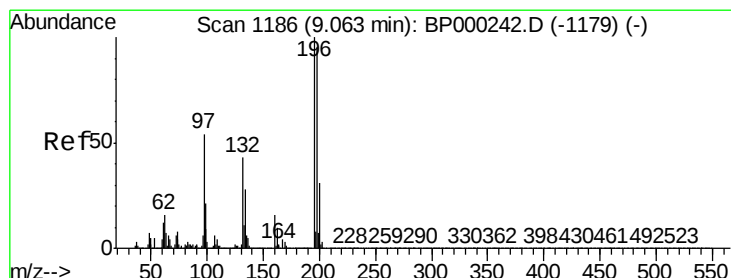
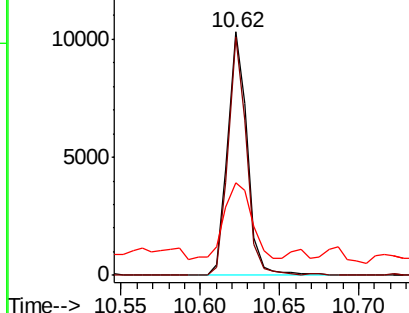
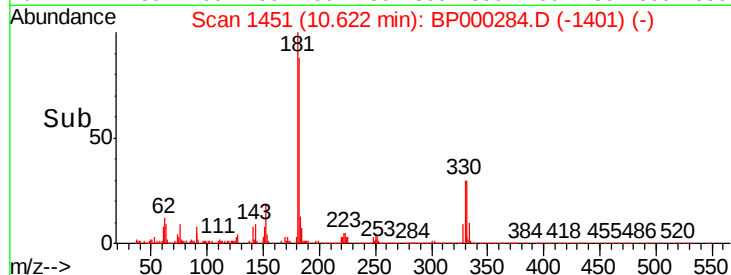
141 42.0 26.5 39.7#



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: 0.007 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

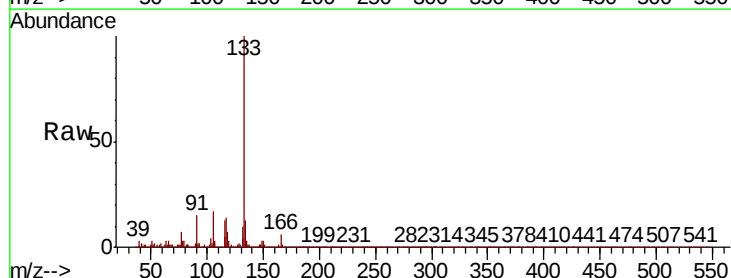
Tgt Ion:196 Resp: 91

Ion Ratio Lower Upper

196 100

198 67.7 76.0 114.0#

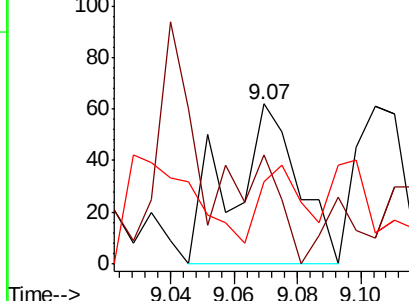
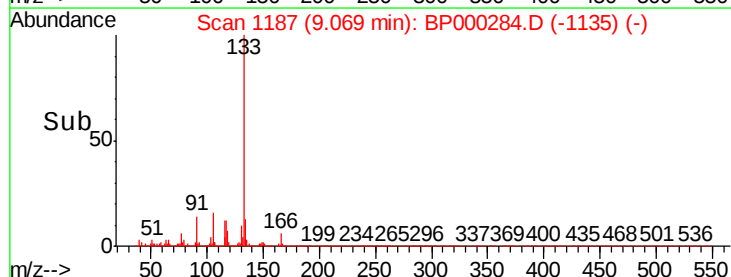
200 51.6 24.6 37.0#

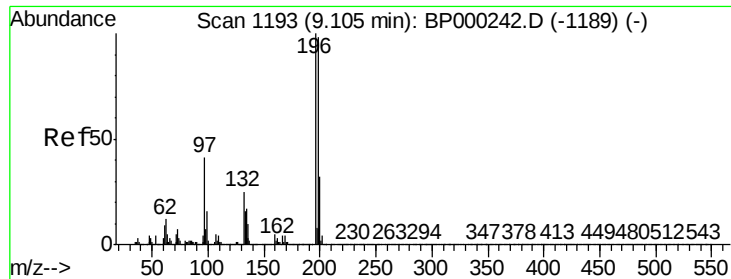


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 0.005 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BP000284.D

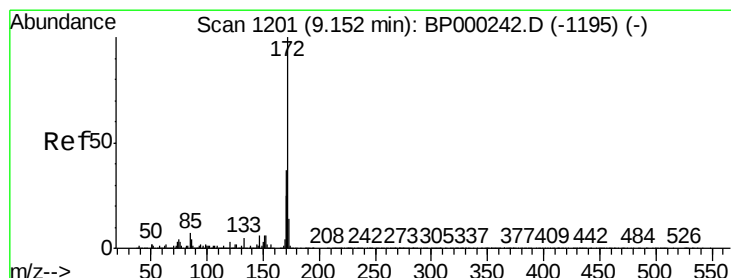
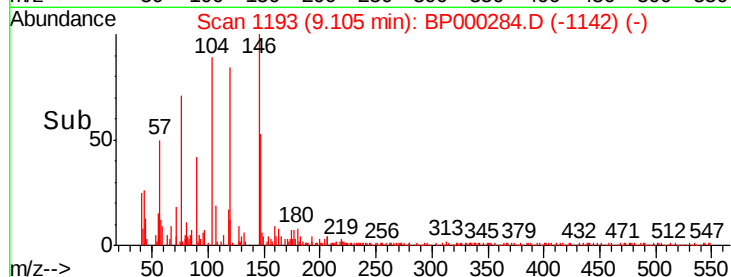
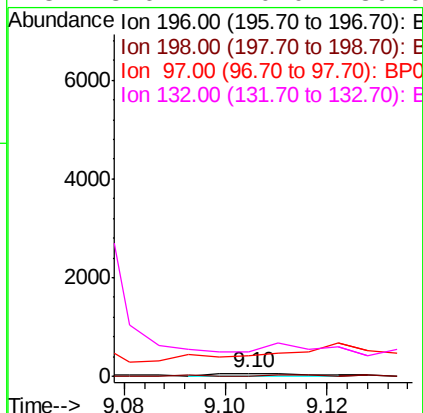
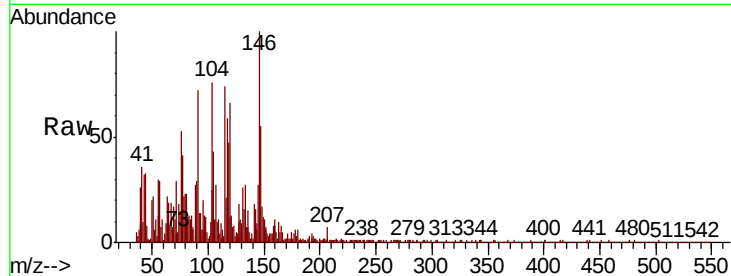
Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 69     |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 16.4  | 78.1  | 117.1# |
| 97       | 686.9 | 33.3  | 49.9#  |
| 132      | 816.4 | 20.0  | 30.0#  |



#45

2-Fluorobiphenyl

Concen: 1.404 ng

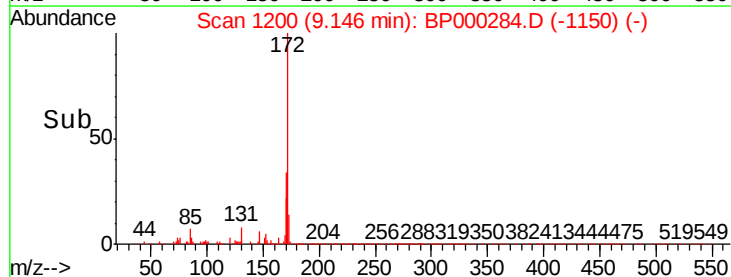
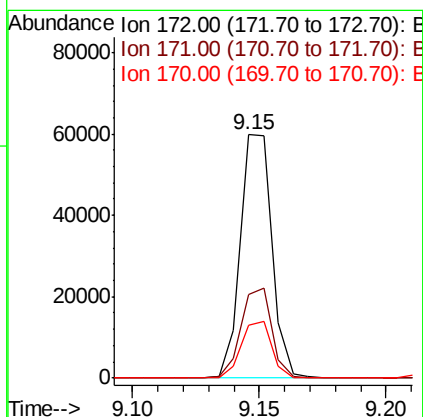
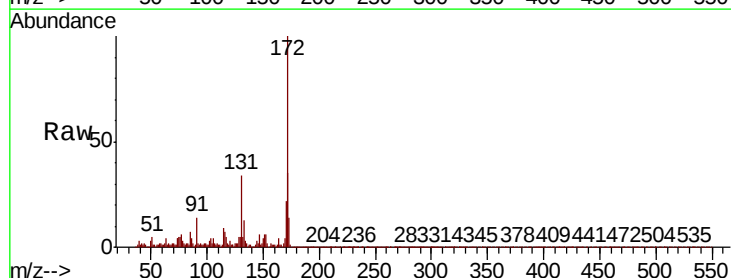
RT: 9.15 min Scan# 1200

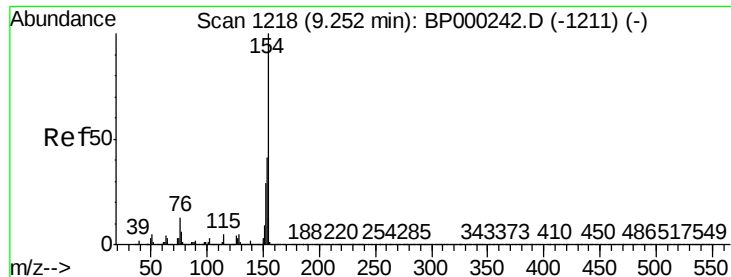
Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 51600 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 34.6  | 29.8  | 44.6  |
| 170      | 21.9  | 19.8  | 29.6  |

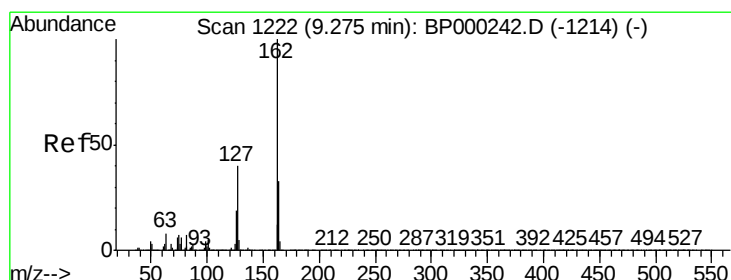
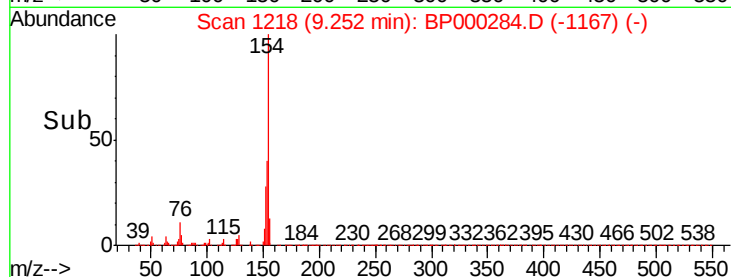
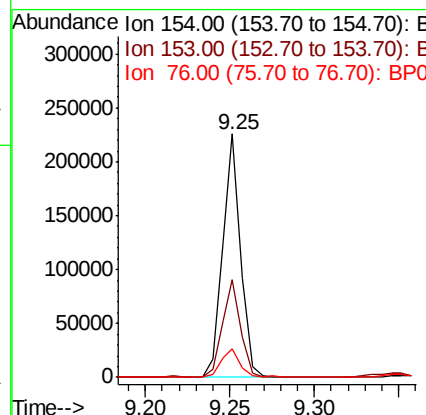
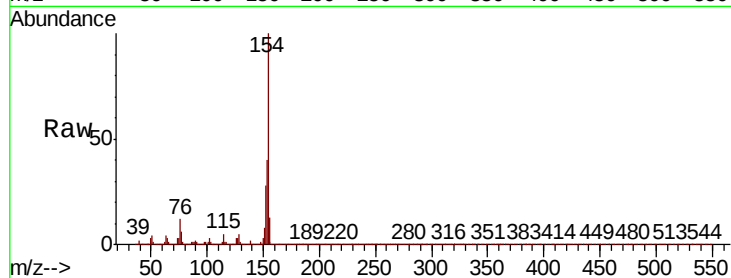




#46  
 1,1'-Biphenyl  
 Concen: 3.673 ng  
 RT: 9.25 min Scan# 1218  
 Delta R.T. 0.00 min  
 Lab File: BP000284.D  
 Acq: 17 Sep 2019 19:50

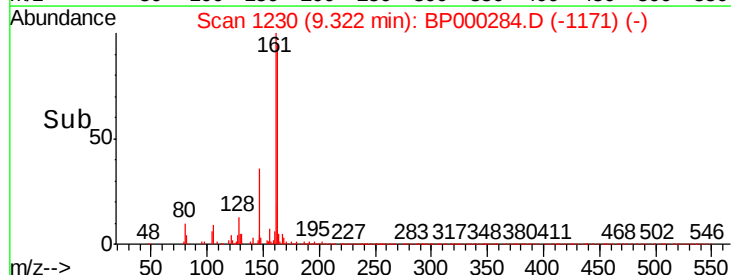
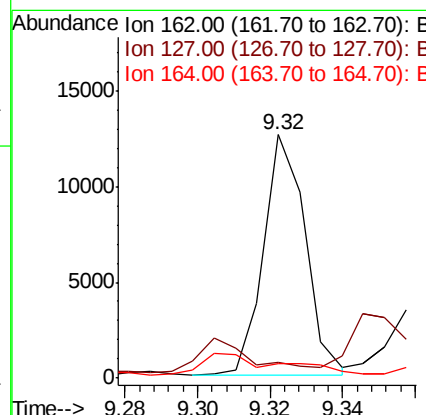
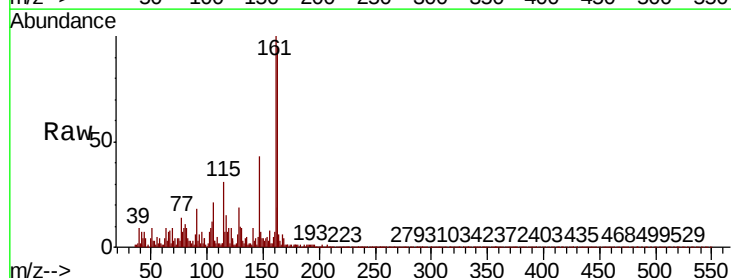
Instrument :  
 BNA\_P  
 ClientSampleId :

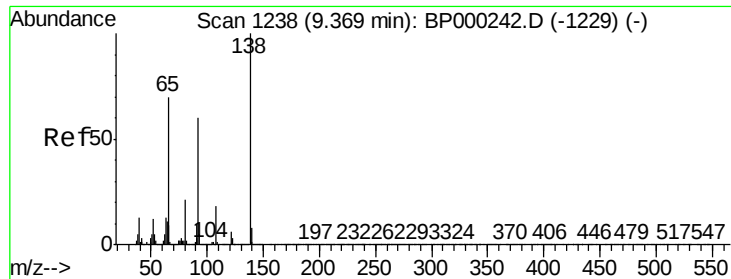
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.0  | 21.4  | 61.4  |
| 76      | 11.6  | 0.0   | 33.4  |



#47  
 2-Chloronaphthalene  
 Concen: 0.260 ng  
 RT: 9.32 min Scan# 1230  
 Delta R.T. 0.05 min  
 Lab File: BP000284.D  
 Acq: 17 Sep 2019 19:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 6.6   | 32.4  | 48.6# |
| 164     | 6.2   | 26.3  | 39.5# |

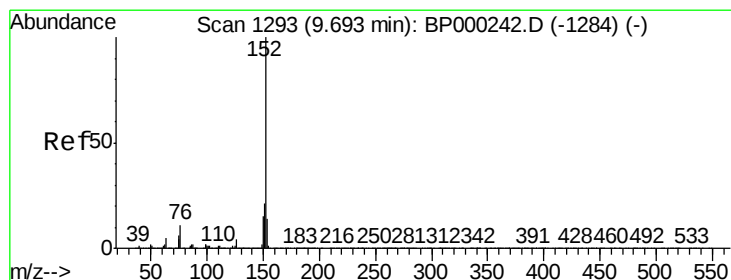
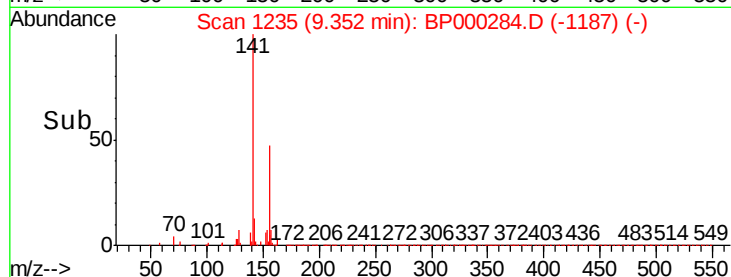
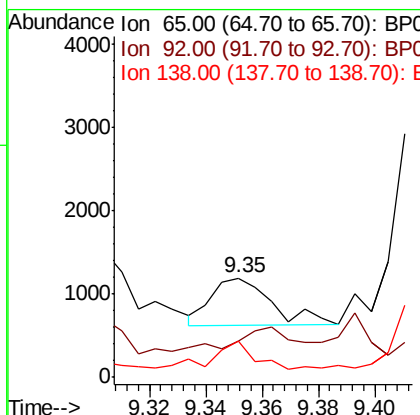
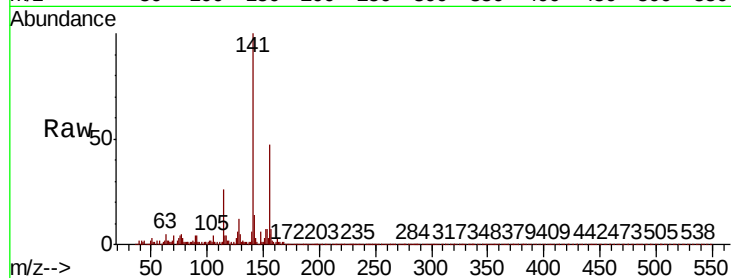




#48  
2-Nitroaniline  
Concen: 0.086 ng  
RT: 9.35 min Scan# 1235  
Delta R.T. -0.02 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

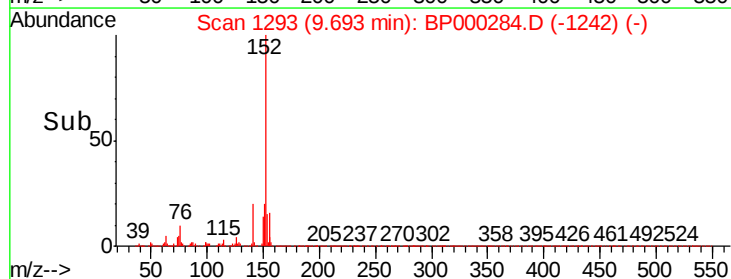
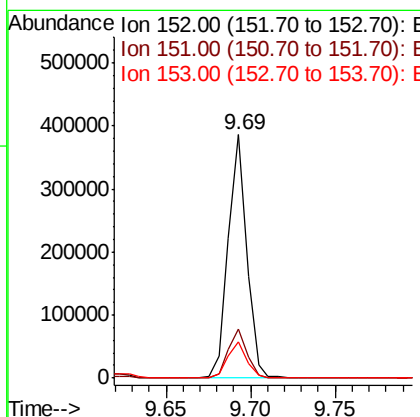
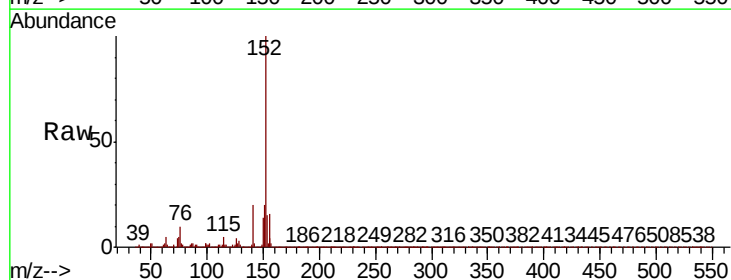
Instrument :  
BNA\_P  
ClientSampleId :

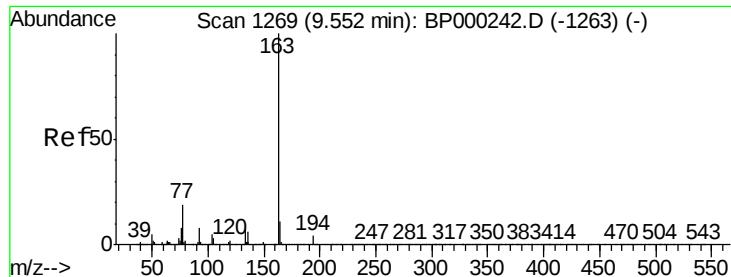
Tot Ion: 65 Resp: 841  
Ion Ratio Lower Upper  
65 100  
92 37.0 68.7 103.1#  
138 36.0 114.4 171.6#



#49  
Acenaphthylene  
Concen: 5.098 ng  
RT: 9.69 min Scan# 1293  
Delta R.T. 0.00 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Tgt Ion: 152 Resp: 294145  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.4 24.6  
153 15.0 11.0 16.4





#50

Dimethylphthalate

Concen: 0.256 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

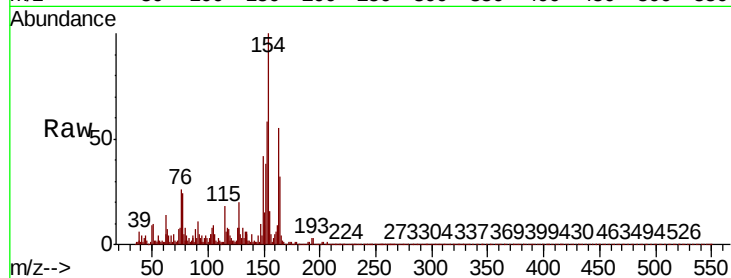
Tot Ion:163 Resp: 11521

Ion Ratio Lower Upper

163 100

194 5.9 3.4 5.0#

164 58.1 8.5 12.7#

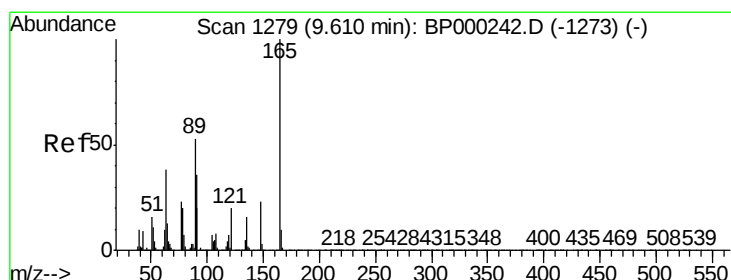
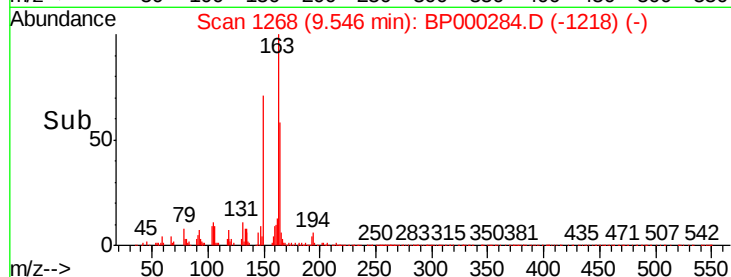
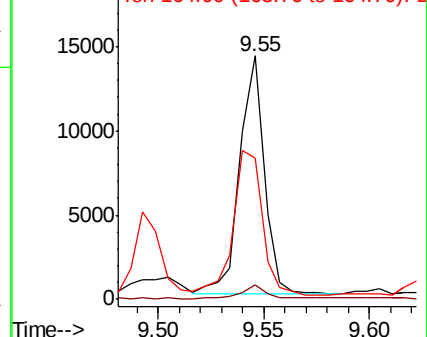


Abundance

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: 0.508 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.09 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

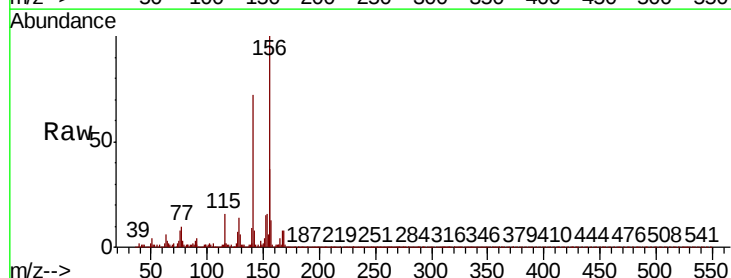
Tgt Ion:165 Resp: 5031

Ion Ratio Lower Upper

165 100

63 151.2 35.8 53.8#

89 88.2 42.6 63.8#

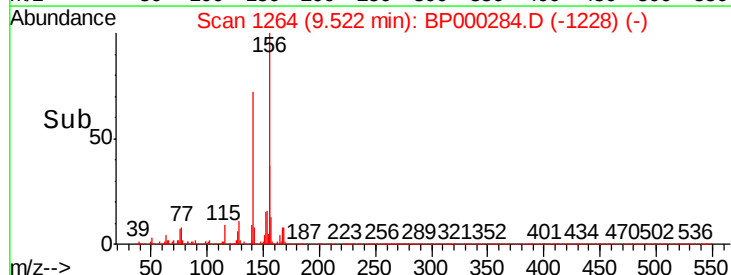
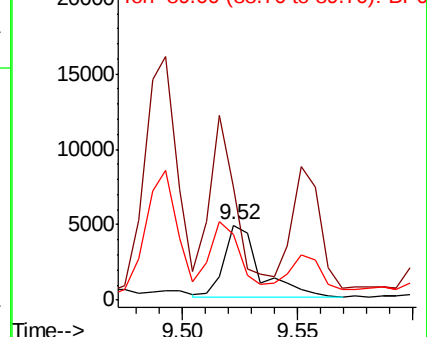


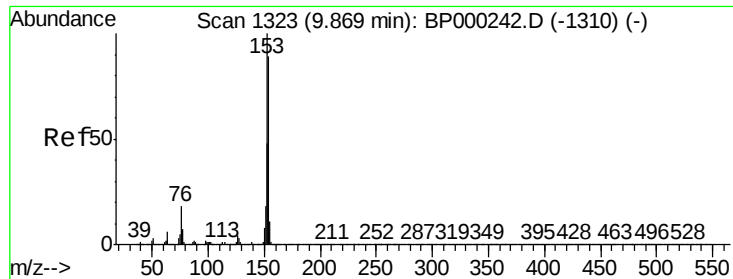
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0





#52

Acenaphthene

Concen: 1.506 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

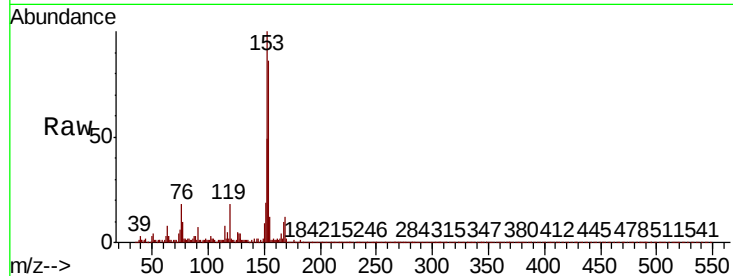
Tot Ion:154 Resp: 54834

Ion Ratio Lower Upper

154 100

153 115.8 89.8 134.6

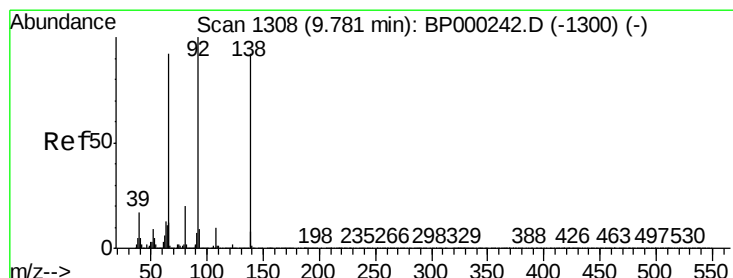
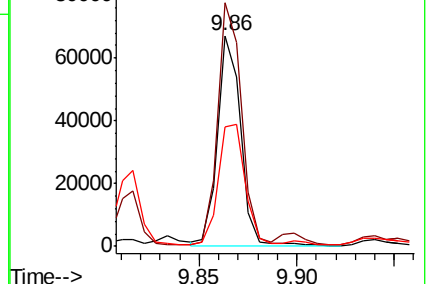
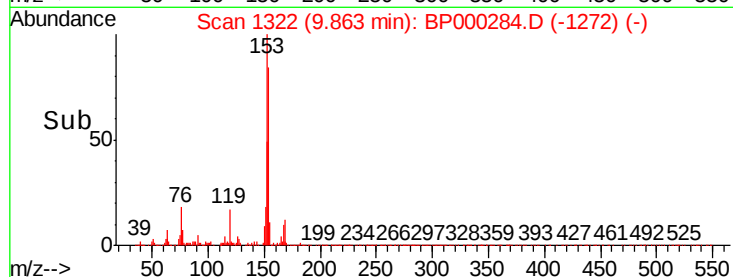
152 57.1 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.006 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

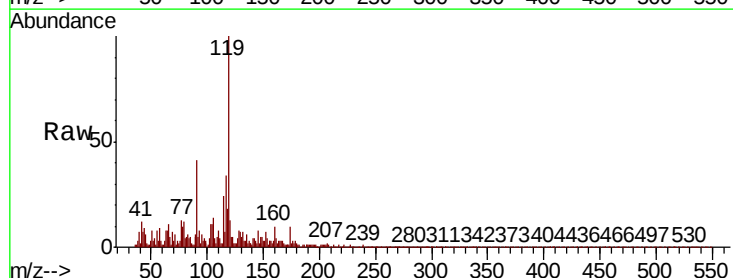
Tgt Ion:138 Resp: 69

Ion Ratio Lower Upper

138 100

108 92.0 9.1 13.7#

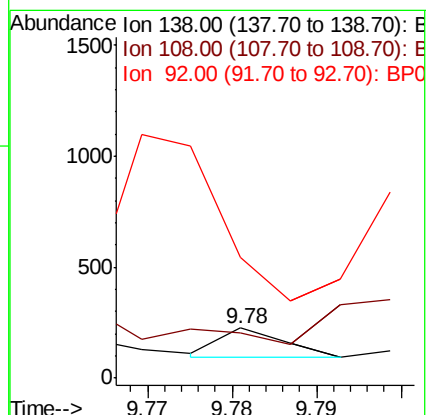
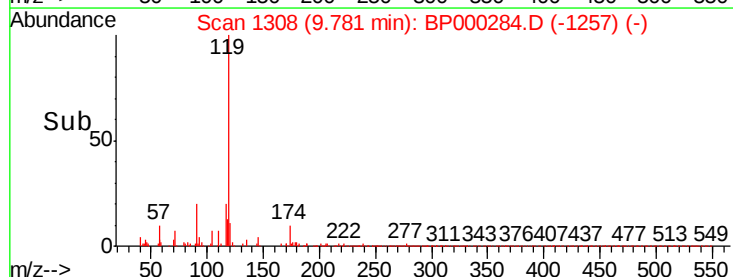
92 243.3 86.7 130.1#

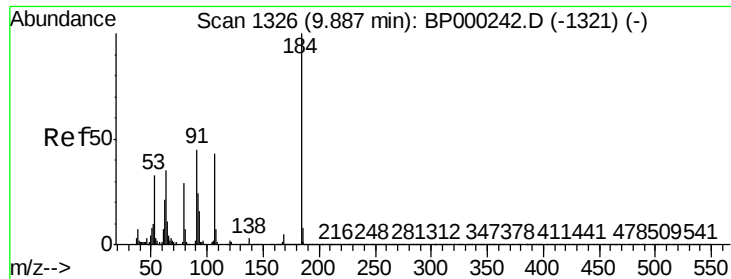


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BPO

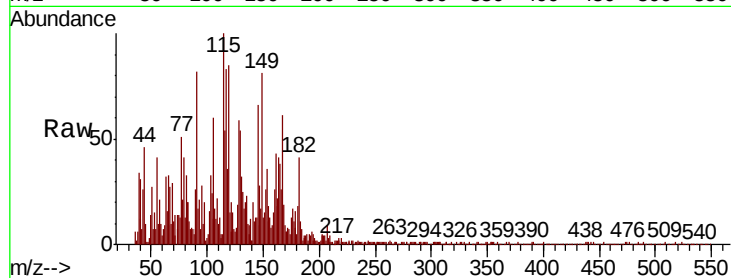




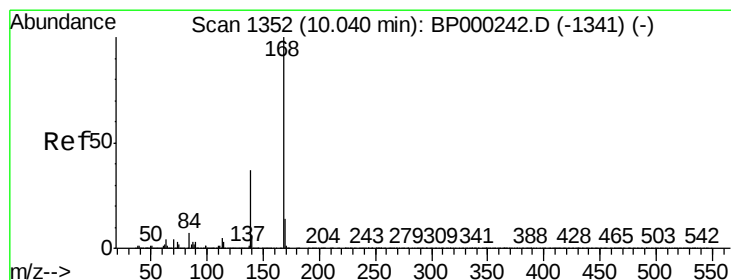
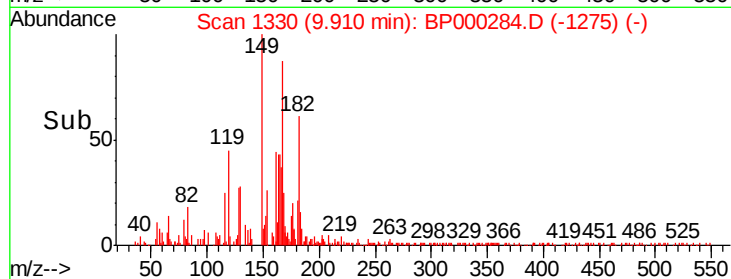
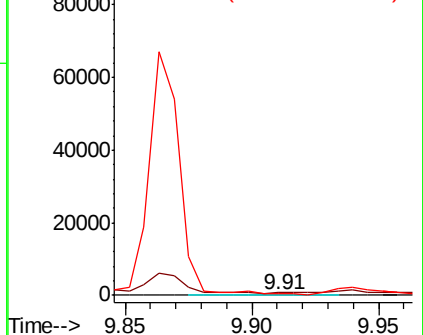
#54  
2,4-Dinitrophenol  
Concen: 0.061 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. 0.02 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:184 Resp: 269  
Ion Ratio Lower Upper  
184 100  
63 467.7 39.5 59.3#  
154 258.1 48.8 73.2#

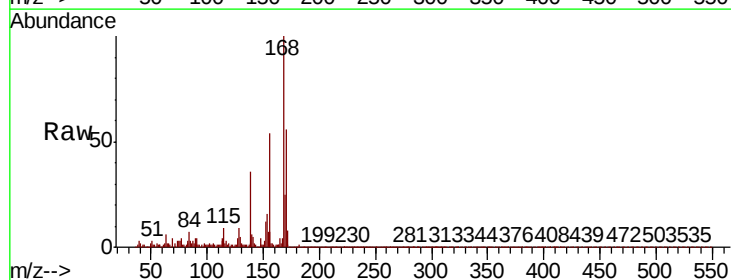


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BP  
Ion 154.00 (153.70 to 154.70): E

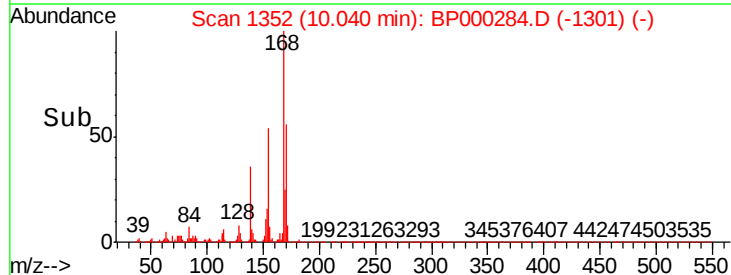
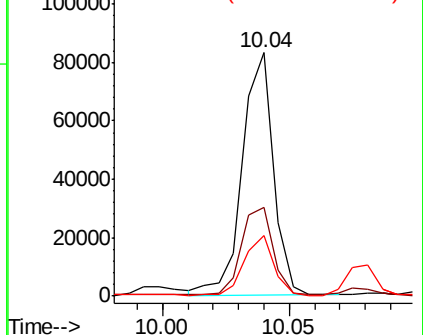


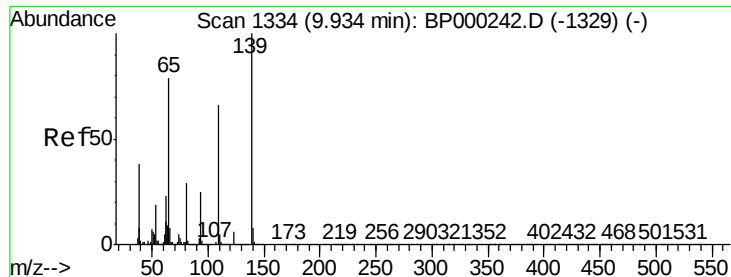
#55  
Dibenzofuran  
Concen: 1.371 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.00 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Tgt Ion:168 Resp: 70584  
Ion Ratio Lower Upper  
168 100  
139 36.3 30.0 45.0  
169 25.0 11.0 16.6#



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

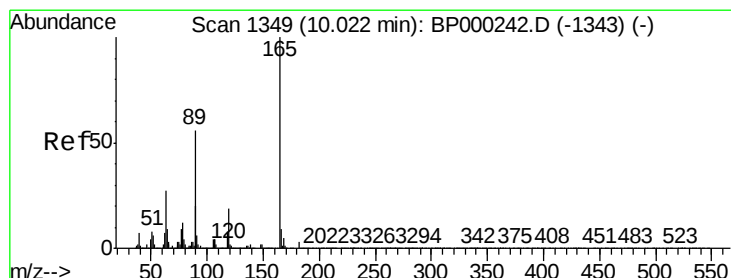
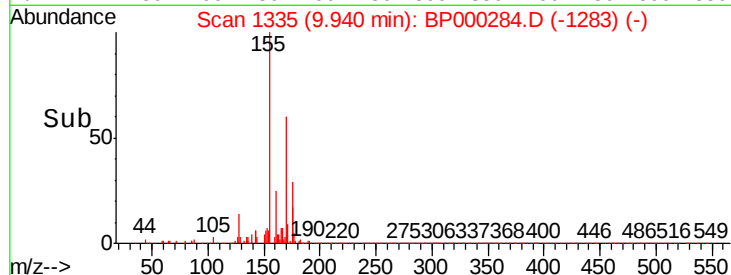
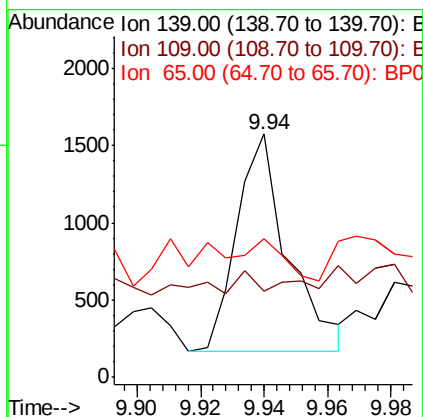
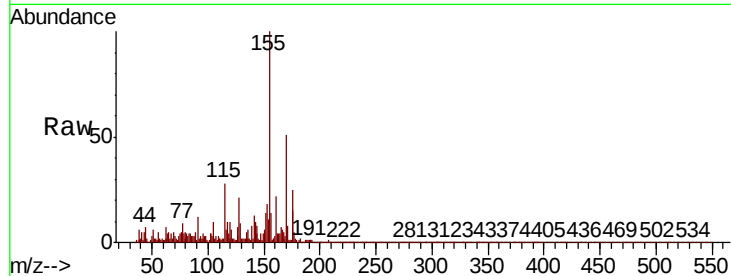




#56  
4-Nitrophenol  
Concen: 0.182 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. 0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

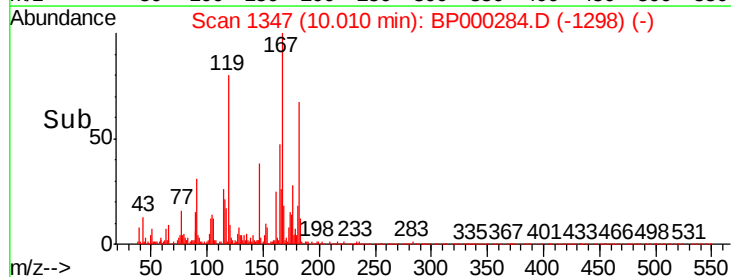
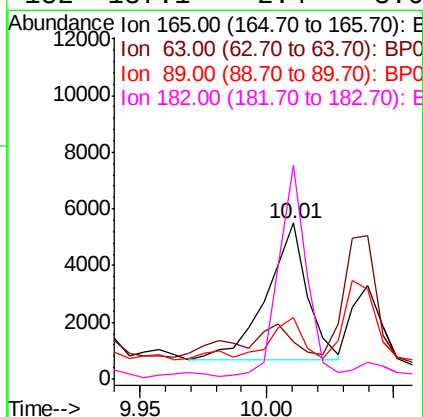
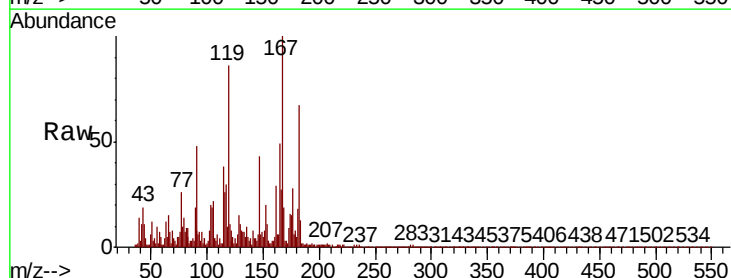
Instrument :  
BNA\_P  
ClientSampled :

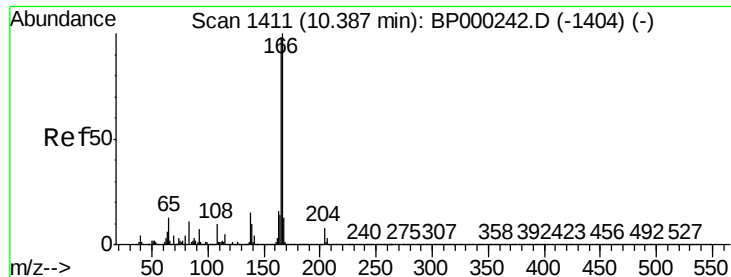
Tot Ion:139 Resp: 1556  
Ion Ratio Lower Upper  
139 100  
109 35.2 46.2 86.2#  
65 56.9 59.4 99.4#



#57  
2,4-Dinitrotoluene  
Concen: 0.423 ng  
RT: 10.01 min Scan# 1347  
Delta R.T. -0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Tgt Ion:165 Resp: 5476  
Ion Ratio Lower Upper  
165 100  
63 24.1 21.7 32.5  
89 39.2 45.0 67.6#  
182 137.1 2.4 3.6#





#58

Fluorene

Concen: 10.714 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

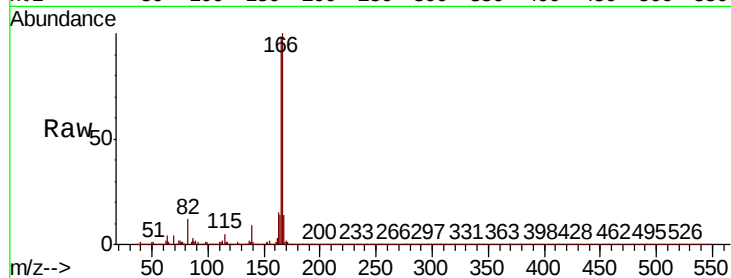
Tot Ion:166 Resp: 425986

Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.2

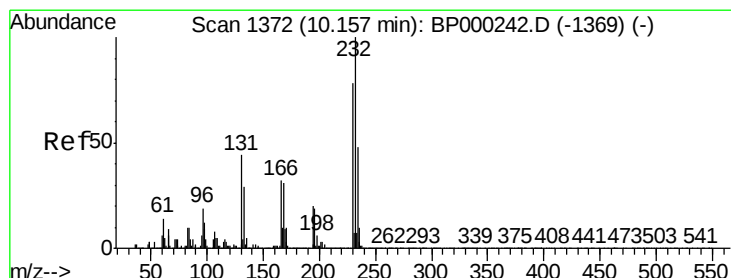
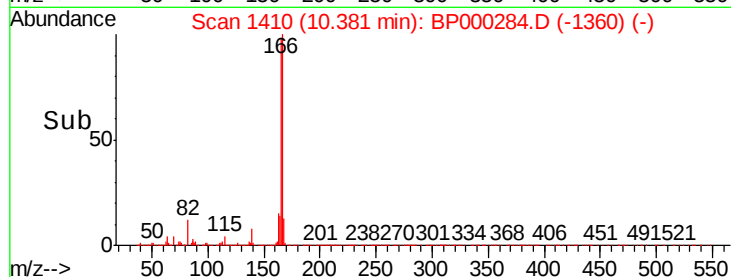
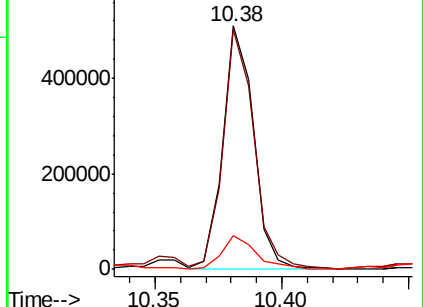
167 13.9 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.004 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Tgt Ion:232 Resp: 49

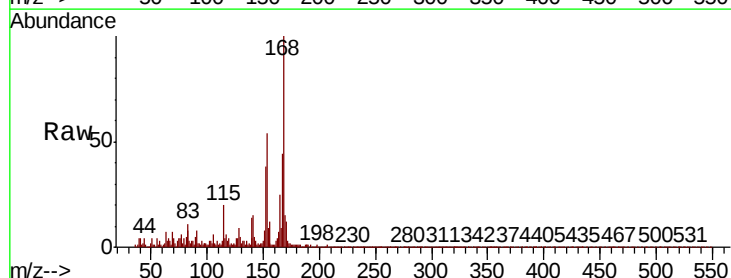
Ion Ratio Lower Upper

232 100

131 0.0 33.6 50.4#

130 502.0 1.8 2.6#

166 0.0 24.2 36.2#

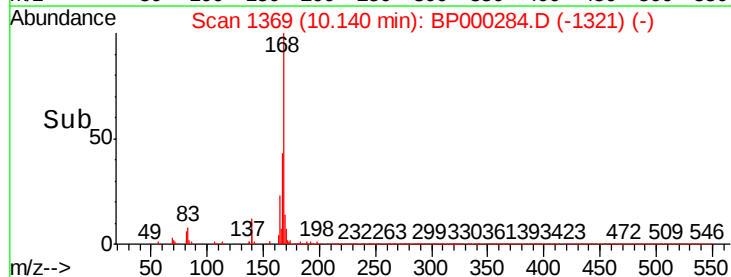
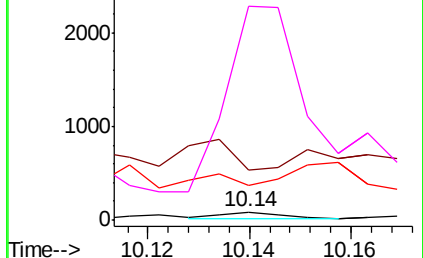


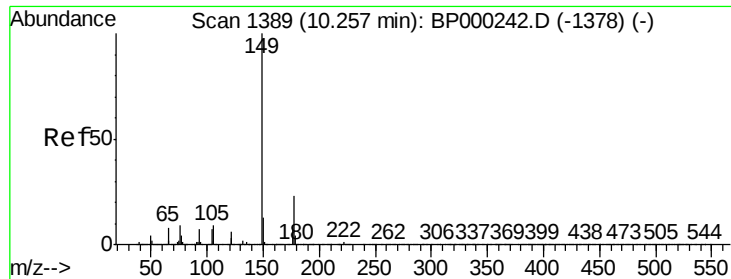
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

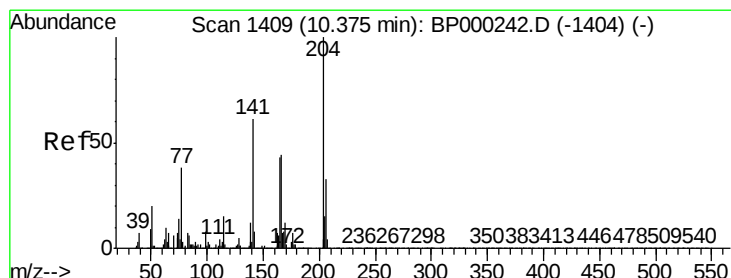
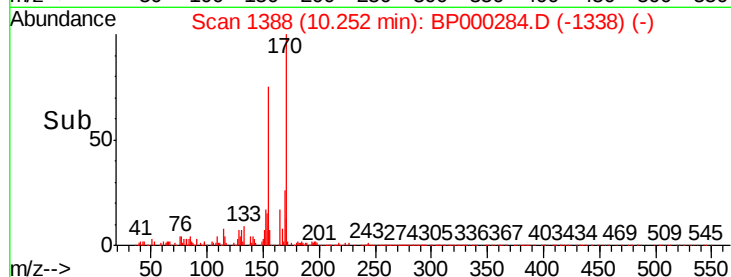
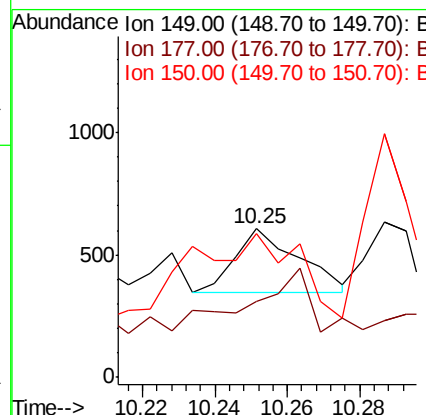
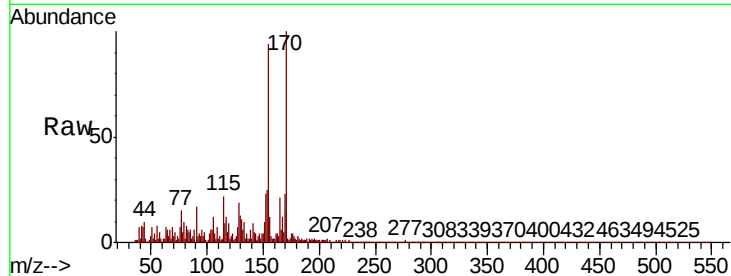




#60  
Diethylphthalate  
Concen: 0.007 ng  
RT: 10.25 min Scan# 1388  
Delta R.T. -0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

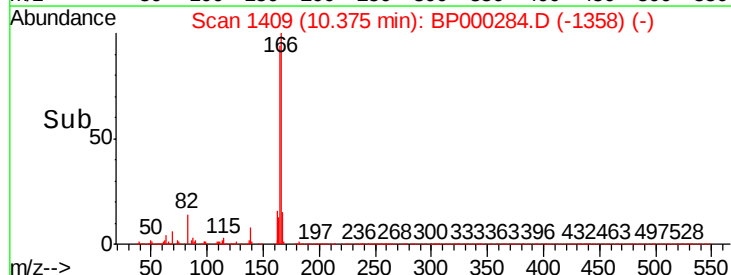
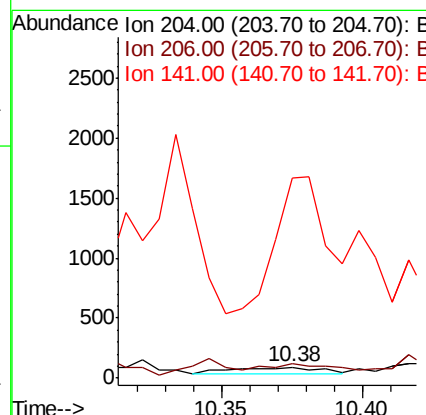
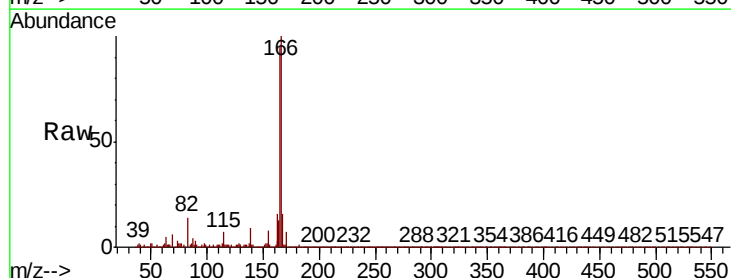
Instrument :  
BNA\_P  
ClientSampleId :

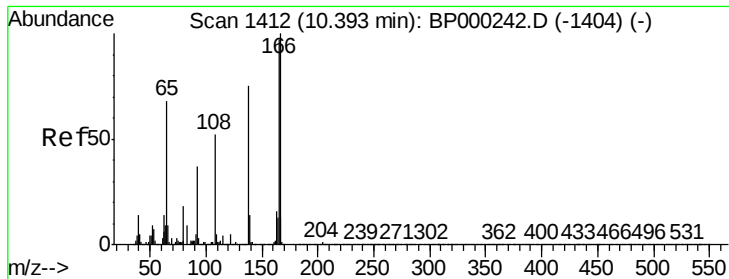
Tot Ion:149 Resp: 316  
Ion Ratio Lower Upper  
149 100  
177 51.2 18.1 27.1#  
150 96.4 10.3 15.5#



#61  
4-Chlorophenyl-phenylether  
Concen: 0.005 ng  
RT: 10.38 min Scan# 1409  
Delta R.T. 0.00 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Tgt Ion:204 Resp: 109  
Ion Ratio Lower Upper  
204 100  
206 133.0 26.3 39.5#  
141 1837.4 48.6 72.8#





#62

4-Nitroaniline

Concen: 0.060 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.21 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampled :

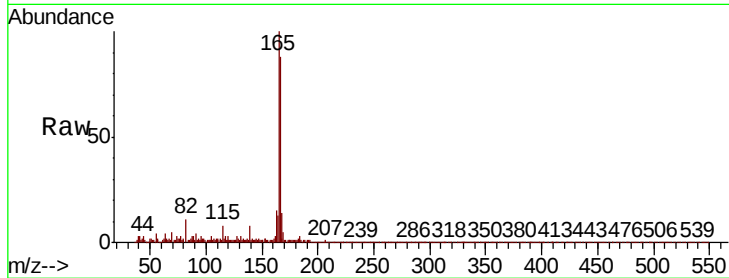
Tot Ion:138 Resp: 677

Ion Ratio Lower Upper

138 100

92 69.7 30.1 70.1

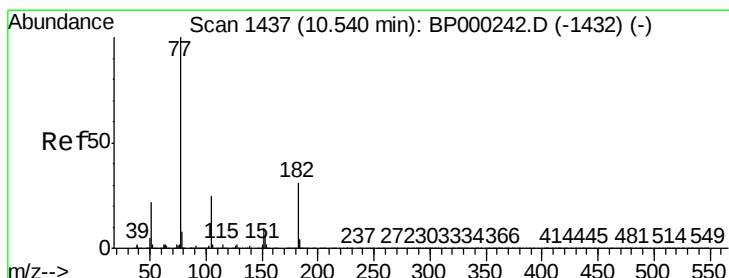
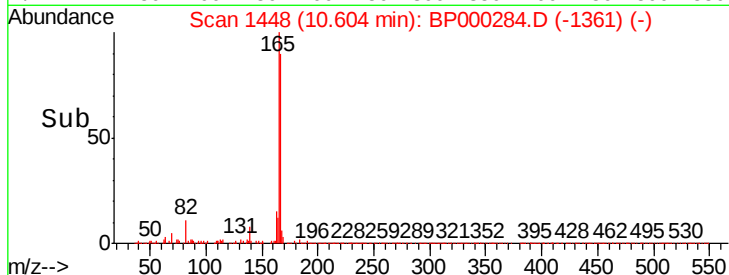
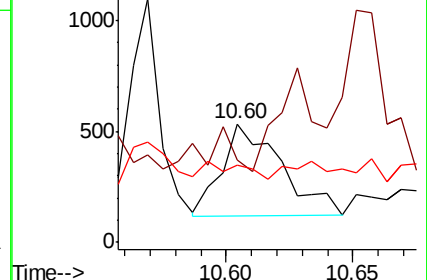
108 64.7 49.5 89.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BPO

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 0.104 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Tgt Ion: 77 Resp: 3829

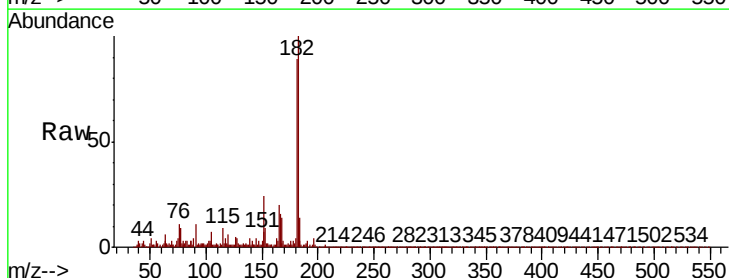
Ion Ratio Lower Upper

77 100

182 1087.9 11.1 51.1#

105 78.8 4.7 44.7#

51 46.3 2.2 42.2#

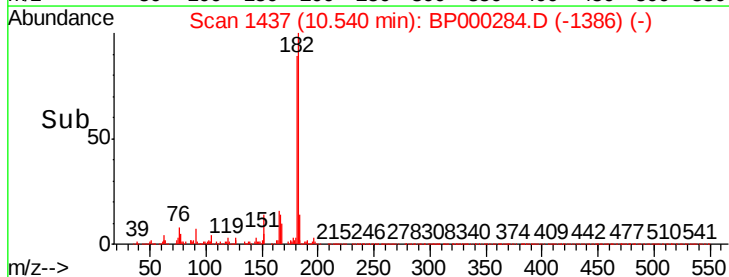
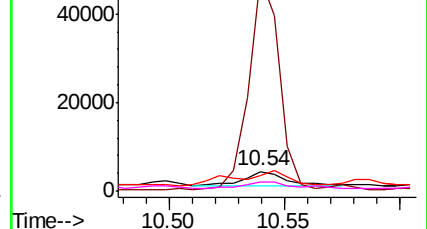


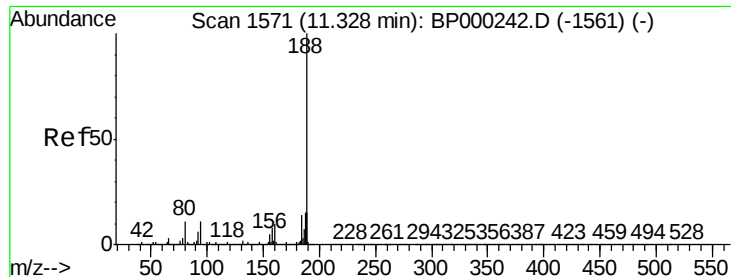
Abundance Ion 77.00 (76.70 to 77.70): BPO

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BPO





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

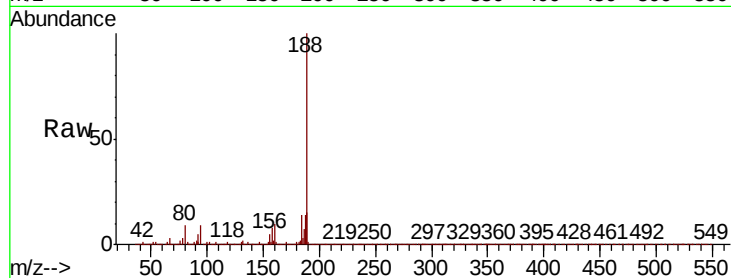
Tot Ion:188 Resp: 1178613

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

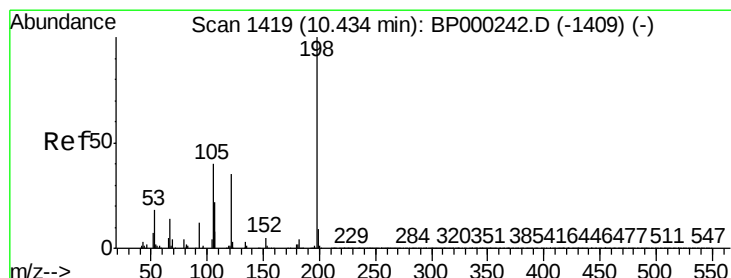
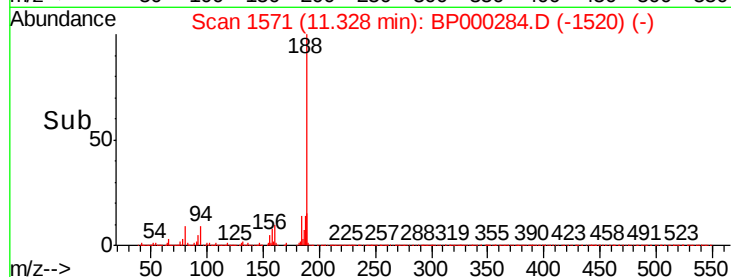
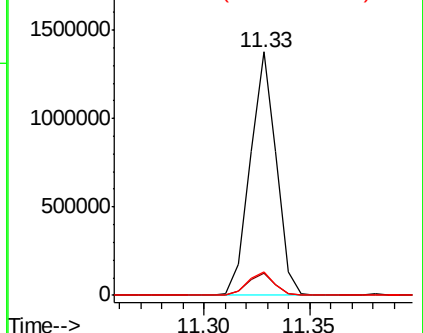
80 9.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 0.010 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.02 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

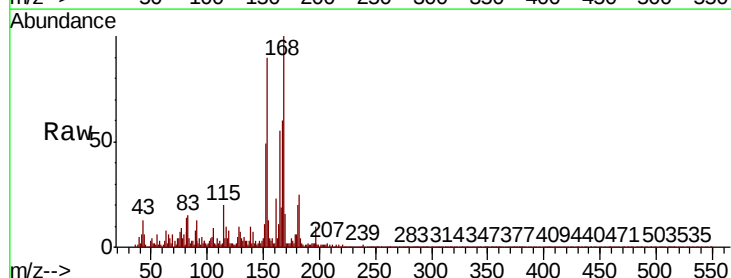
Tgt Ion:198 Resp: 55

Ion Ratio Lower Upper

198 100

51 648.1 7.4 47.4#

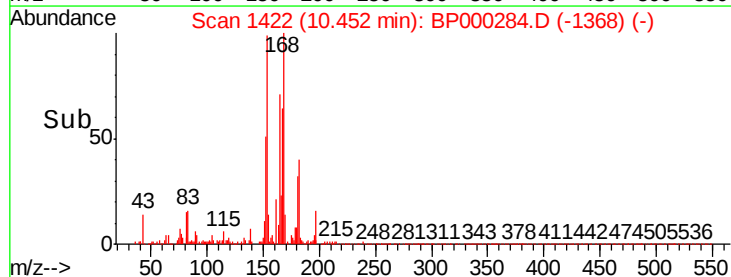
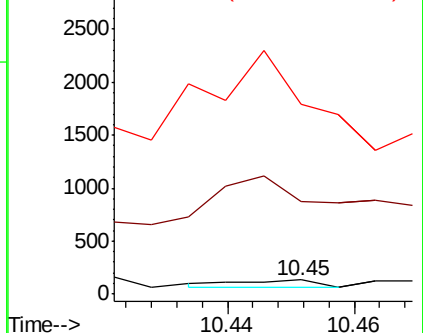
105 1329.6 20.2 60.2#

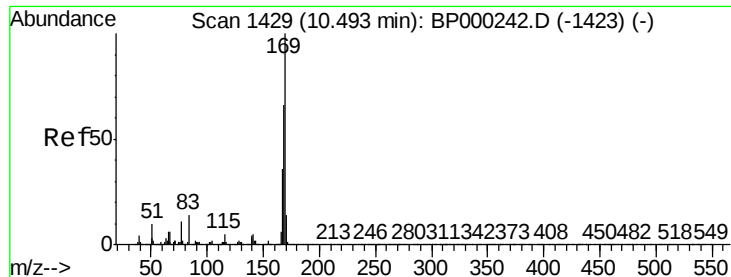


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

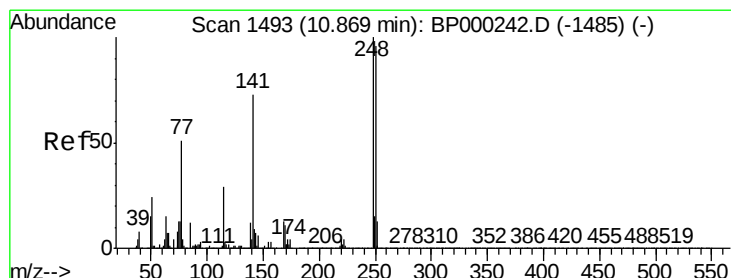
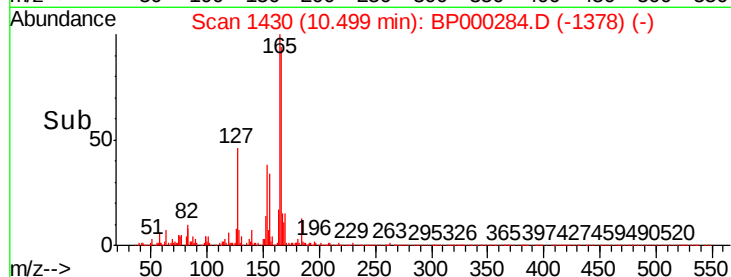
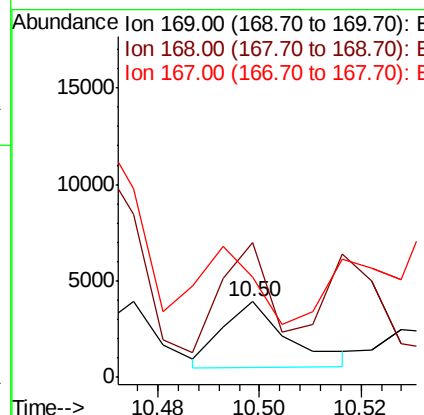
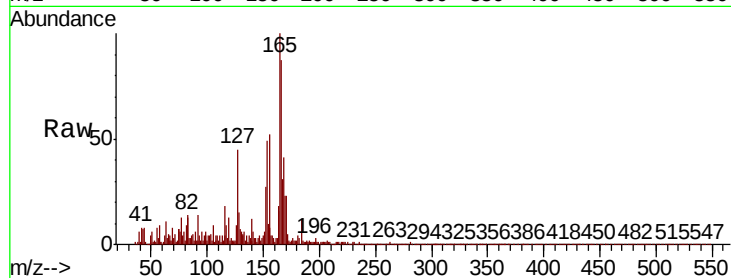




#66  
 n-Nitrosodiphenylamine  
 Concen: 0.088 ng  
 RT: 10.50 min Scan# 1430  
 Delta R.T. 0.01 min  
 Lab File: BP000284.D  
 Acq: 17 Sep 2019 19:50

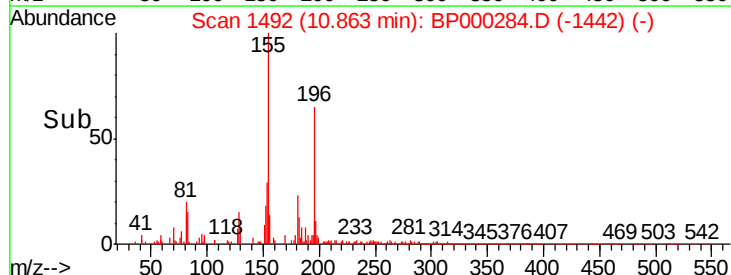
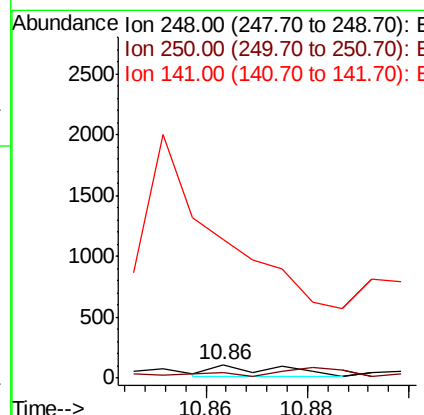
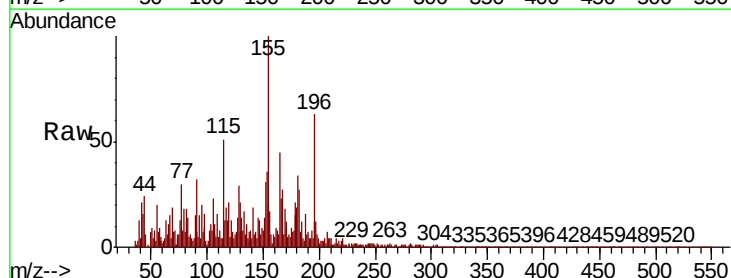
Instrument :  
 BNA\_P  
 ClientSampleId :

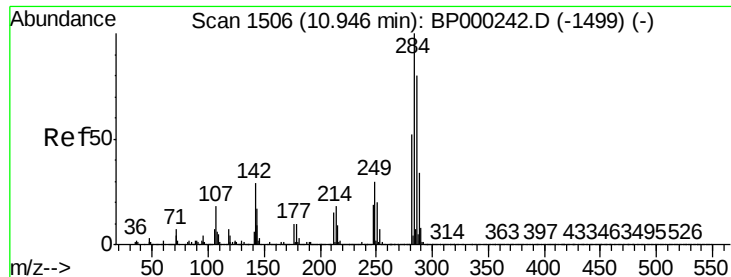
Tot Ion:169 Resp: 3122  
 Ion Ratio Lower Upper  
 169 100  
 168 178.7 52.9 79.3#  
 167 132.0 29.0 43.6#



#67  
 4-Bromophenyl-phenylether  
 Concen: 0.006 ng  
 RT: 10.86 min Scan# 1492  
 Delta R.T. -0.01 min  
 Lab File: BP000284.D  
 Acq: 17 Sep 2019 19:50

Tgt Ion:248 Resp: 86  
 Ion Ratio Lower Upper  
 248 100  
 250 43.6 77.0 115.4#  
 141 1038.2 58.5 87.7#





#68

Hexachlorobenzene

Concen: 0.003 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.02 min

Lab File: BP000284.D

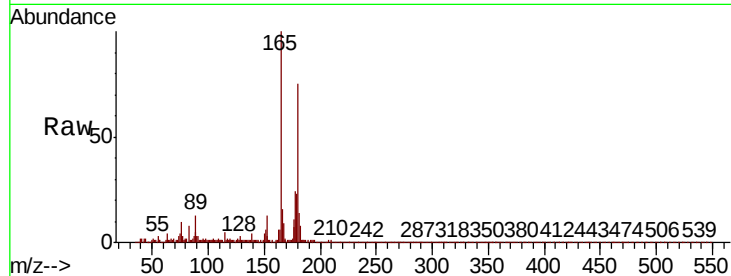
Acq: 17 Sep 2019 19:50

Instrument :

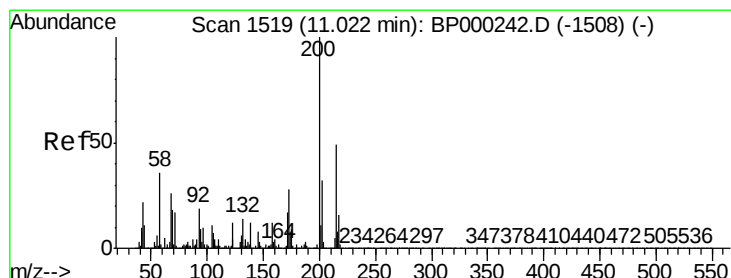
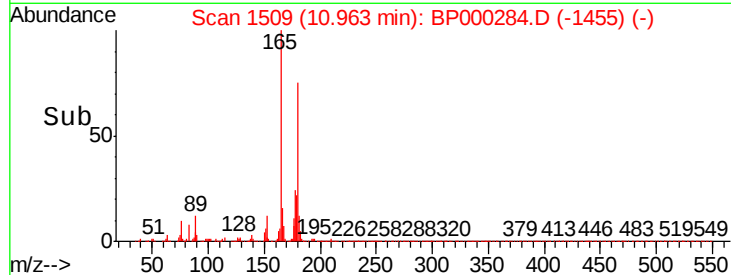
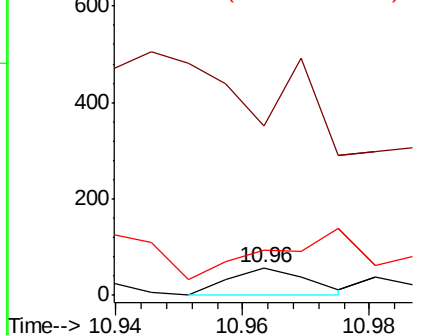
BNA\_P

ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:284 | Resp: | 50          |
| Ion         | Ratio | Lower Upper |
| 284         | 100   |             |
| 142         | 617.5 | 23.6 35.4#  |
| 249         | 166.7 | 24.3 36.5#  |



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: Below Cal

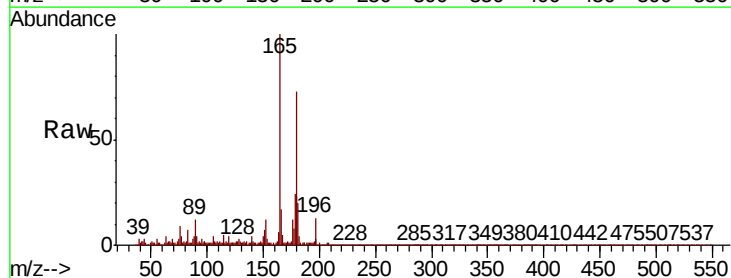
RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

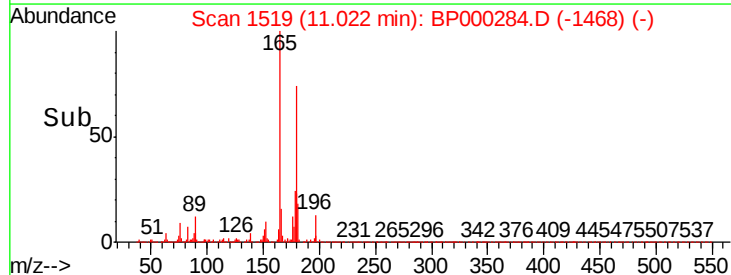
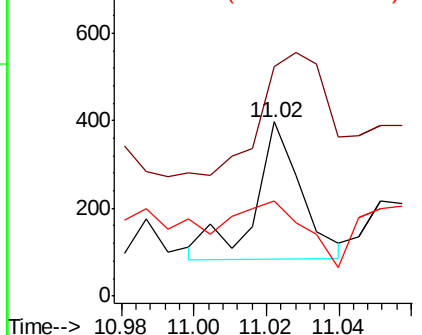
Lab File: BP000284.D

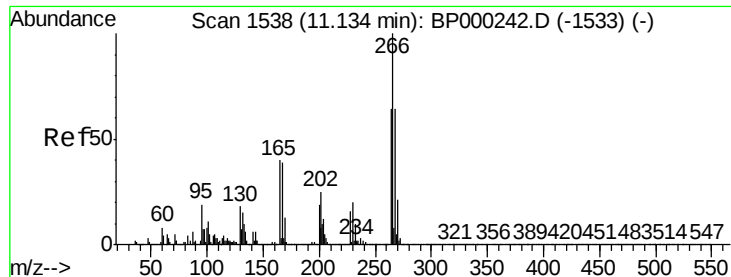
Acq: 17 Sep 2019 19:50

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:200 | Resp: | 278         |
| Ion         | Ratio | Lower Upper |
| 200         | 100   |             |
| 173         | 132.2 | 7.6 47.6#   |
| 215         | 54.7  | 28.6 68.6   |



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: 0.008 ng

RT: 11.13 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampled :

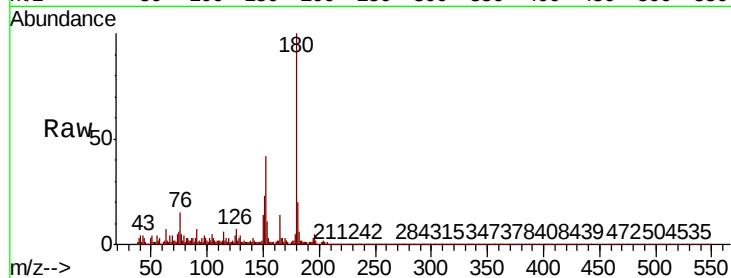
Tot Ion:266 Resp: 65

Ion Ratio Lower Upper

266 100

268 76.7 51.6 77.4

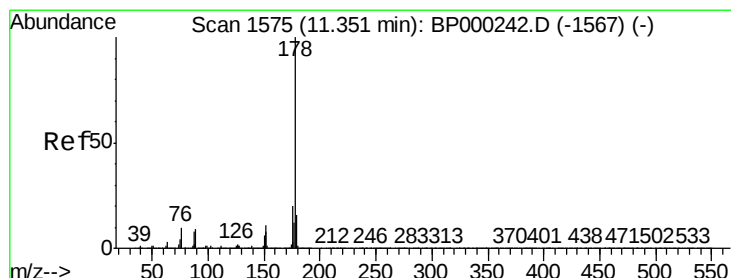
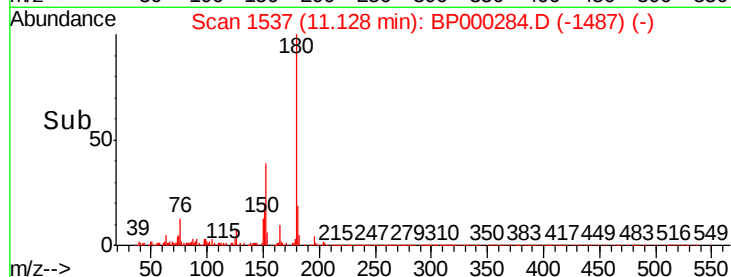
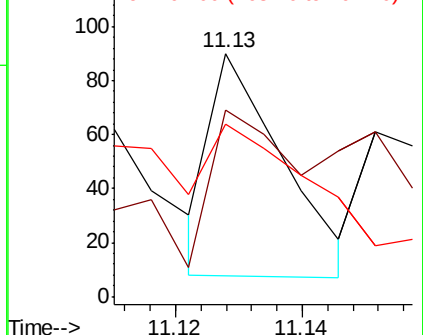
264 71.1 50.8 76.2



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: 29.132 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

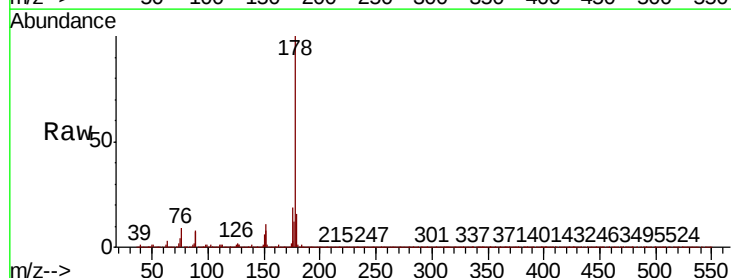
Tgt Ion:178 Resp: 1720653

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

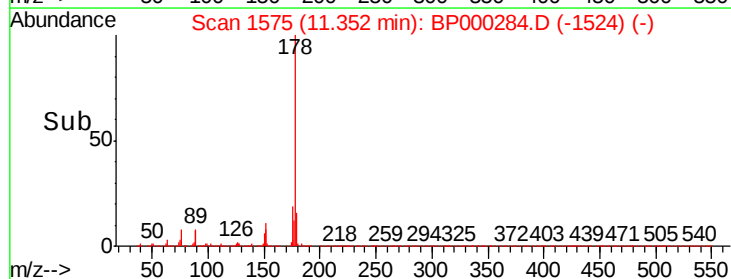
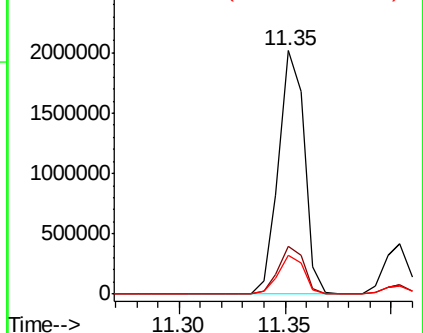
179 15.8 12.7 19.1

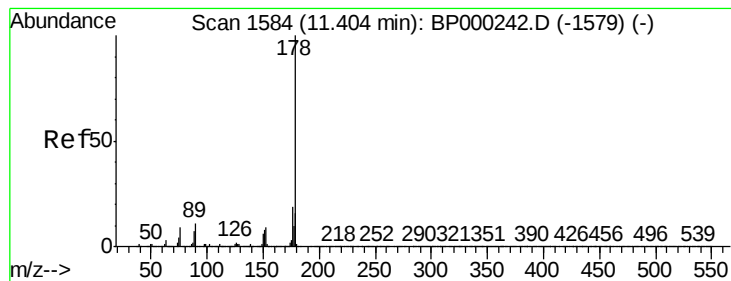


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 5.496 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

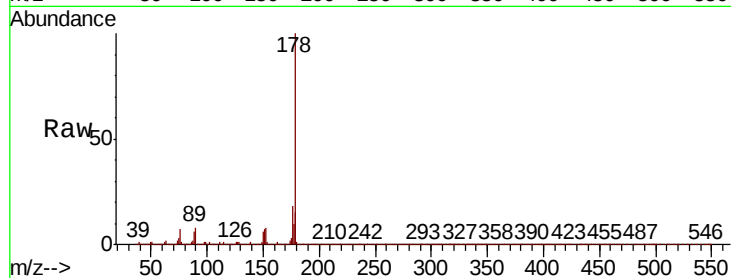
Tot Ion:178 Resp: 334116

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.3  | 15.4  | 23.0  |
| 179 | 15.3  | 12.7  | 19.1  |

178 100

176 18.3 15.4 23.0

179 15.3 12.7 19.1

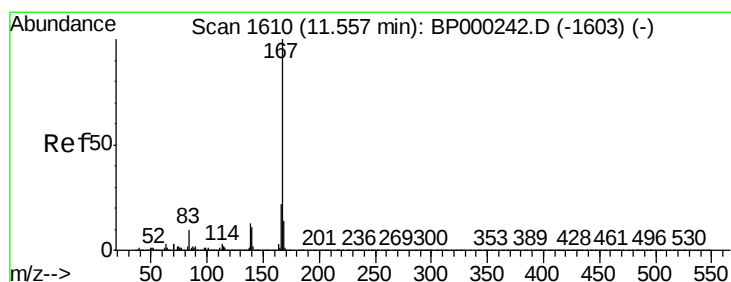
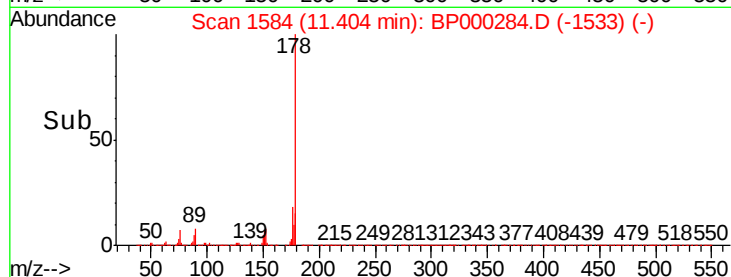
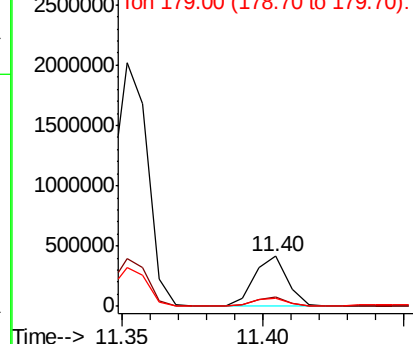


Abundance

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: 0.345 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

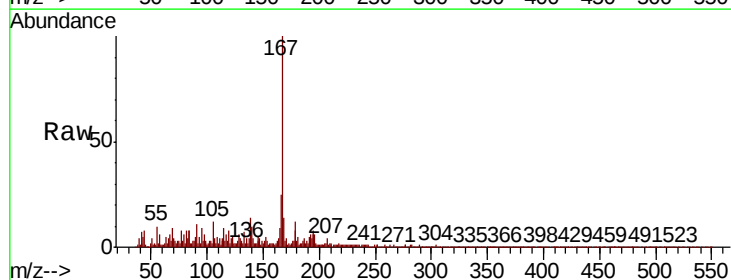
Tgt Ion:167 Resp: 18887

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 25.5  | 17.8  | 26.8  |
| 139 | 14.0  | 10.8  | 16.2  |

167 100

166 25.5 17.8 26.8

139 14.0 10.8 16.2

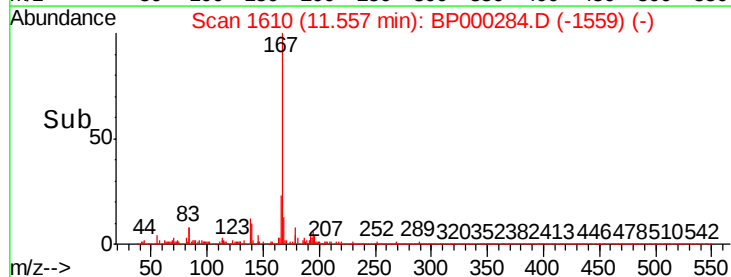
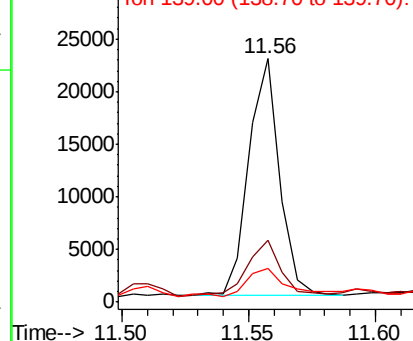


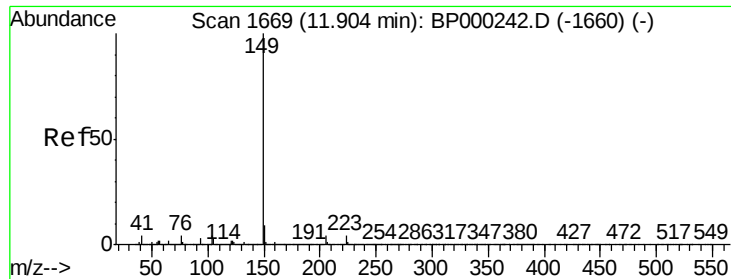
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.009 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

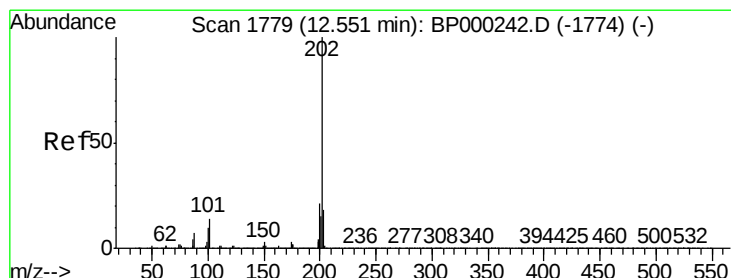
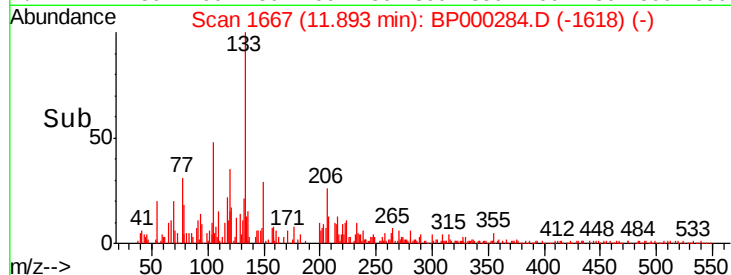
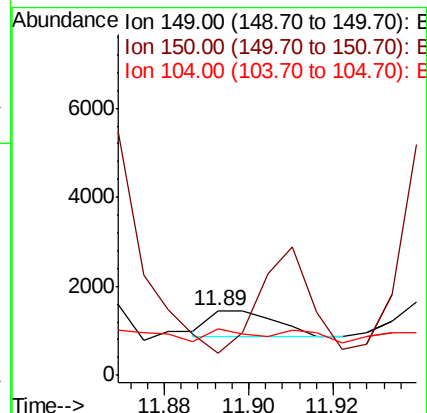
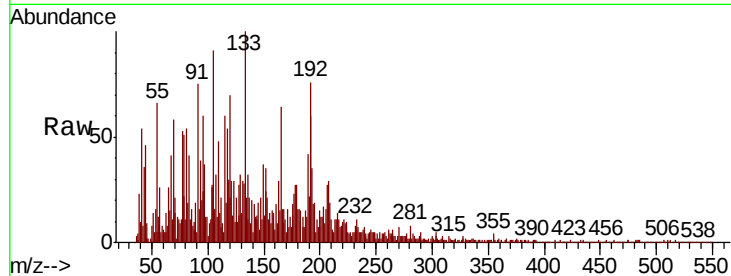
Tot Ion:149 Resp: 638

Ion Ratio Lower Upper

149 100

150 34.0 7.4 11.2#

104 70.8 3.5 5.3#



#75

Fluoranthene

Concen: 11.169 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

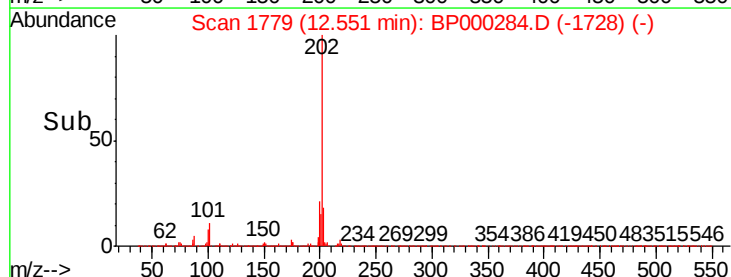
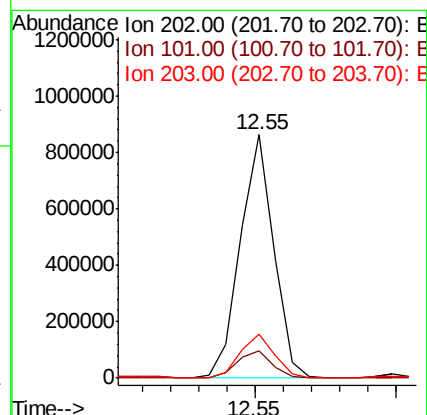
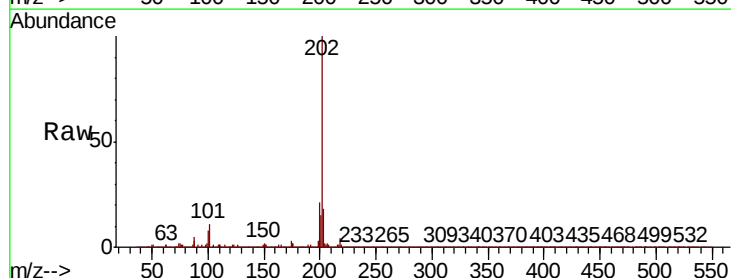
Tgt Ion:202 Resp: 708344

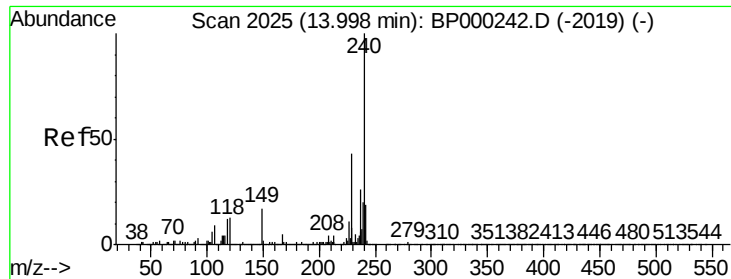
Ion Ratio Lower Upper

202 100

101 11.1 0.0 33.9

203 17.9 0.0 38.0

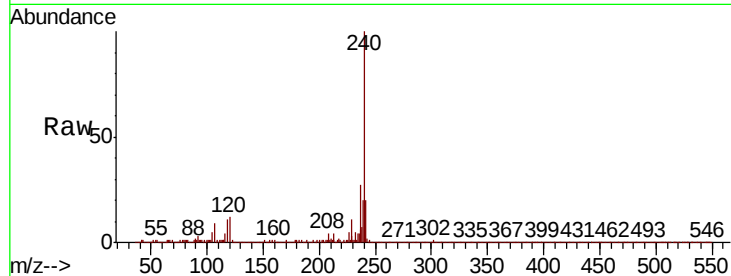




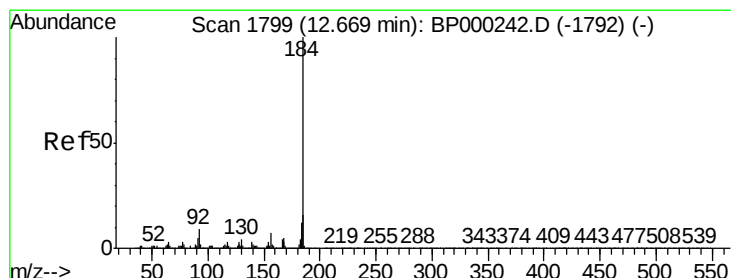
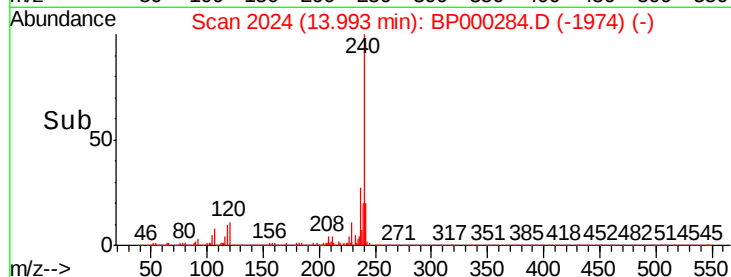
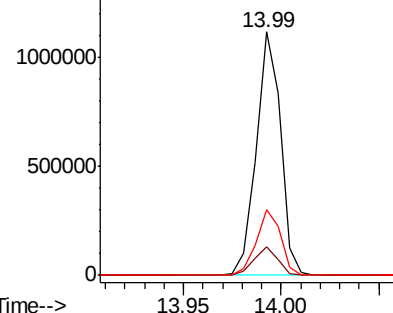
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.99 min Scan# 2024  
Delta R.T. -0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.6  | 10.4  | 15.6  |
| 236     | 26.8  | 21.0  | 31.6  |

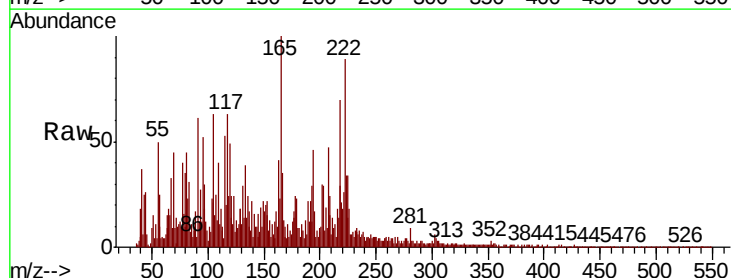


Abundance Ion 240.00 (239.70 to 240.70): E  
1500000 Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

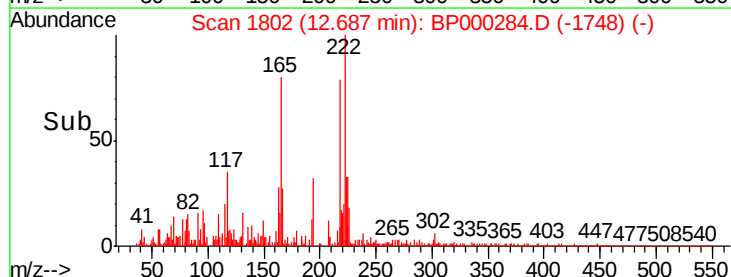
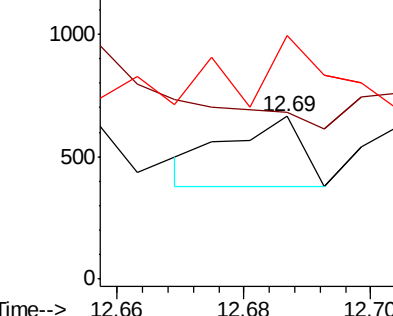


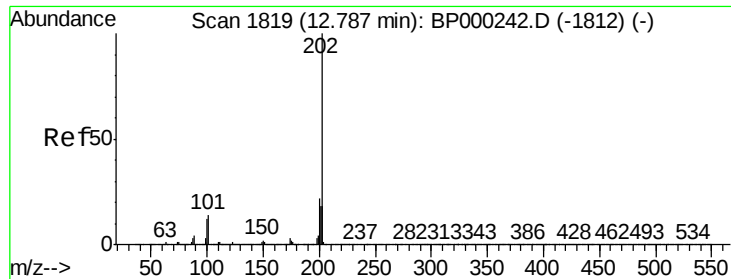
#77  
Benzidine  
Concen: 0.007 ng  
RT: 12.69 min Scan# 1802  
Delta R.T. 0.02 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 102.7 | 12.7  | 19.1# |
| 183     | 149.9 | 9.5   | 14.3# |



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

Pvrene

Concen: 15.530 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

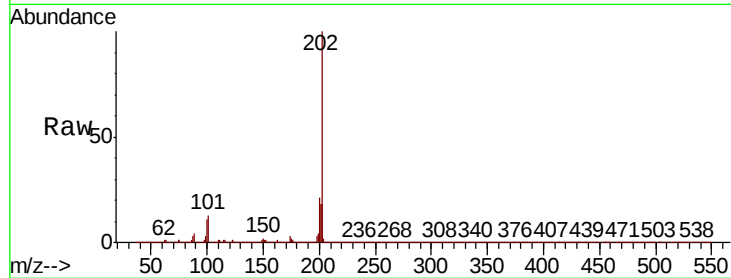
Tot Ion:202 Resp: 1114943

Ion Ratio Lower Upper

202 100

200 21.0 17.5 26.3

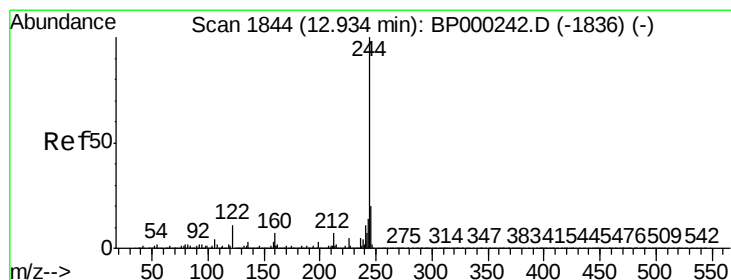
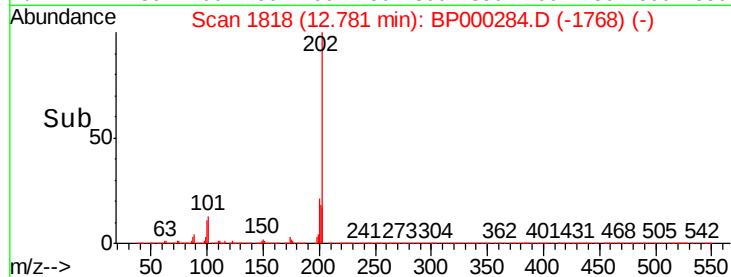
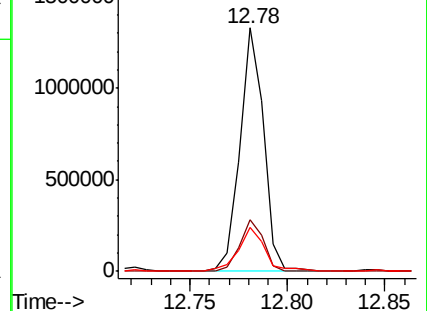
203 17.9 14.3 21.5



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: 1.221 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

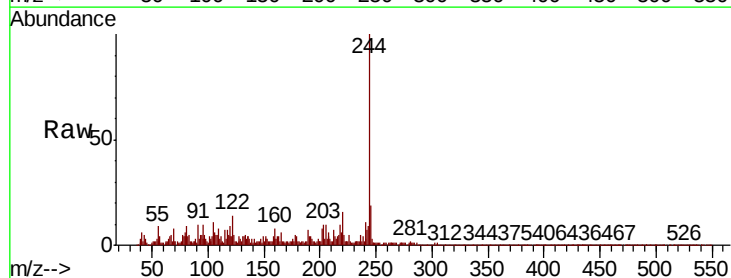
Tgt Ion:244 Resp: 55831

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

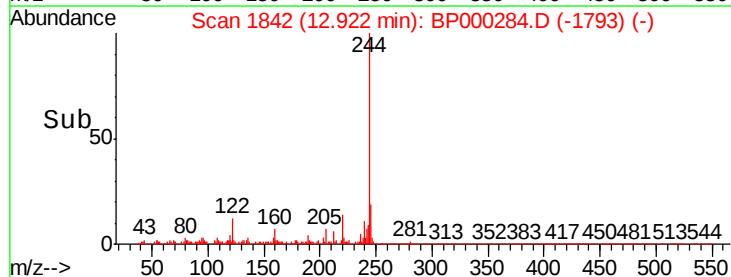
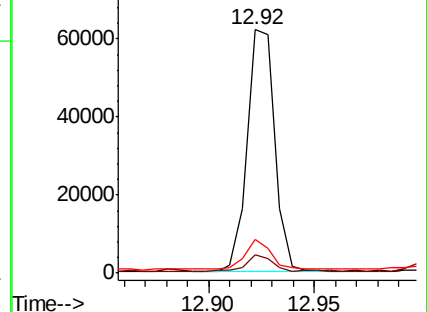
122 13.9 9.0 13.4#

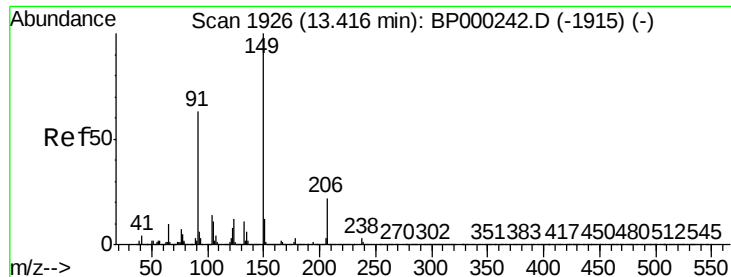


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

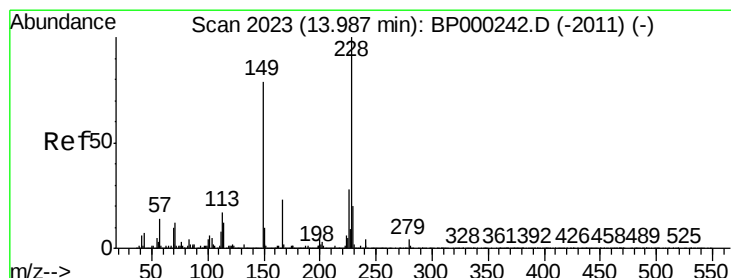
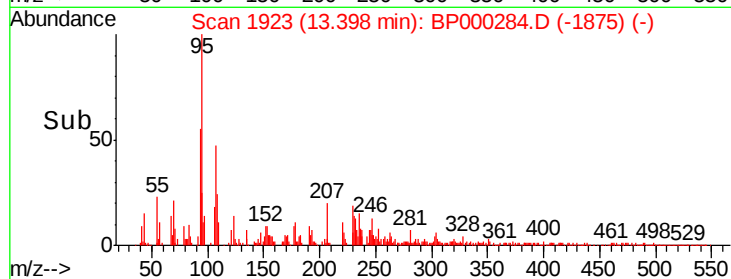
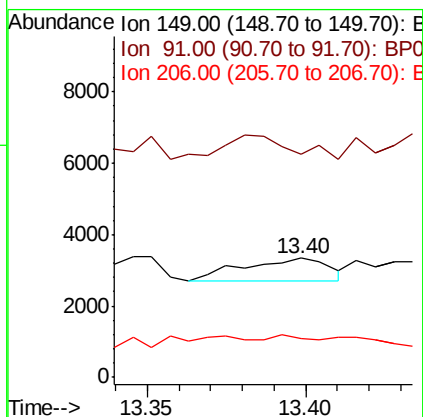
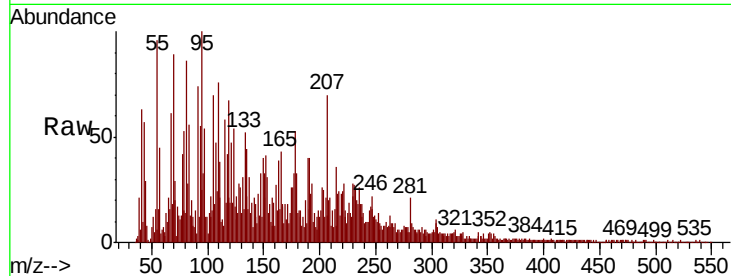




#80  
Butylbenzylphthalate  
Concen: 0.036 ng  
RT: 13.40 min Scan# 1923  
Delta R.T. -0.02 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

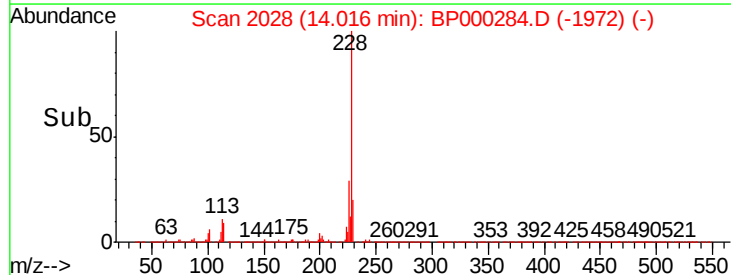
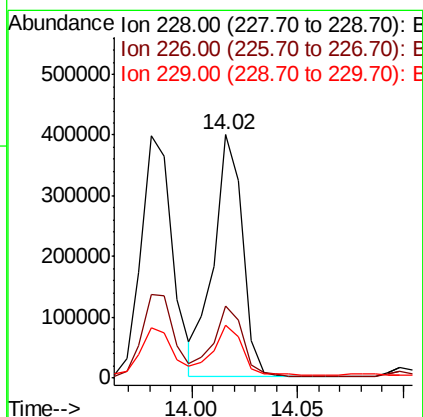
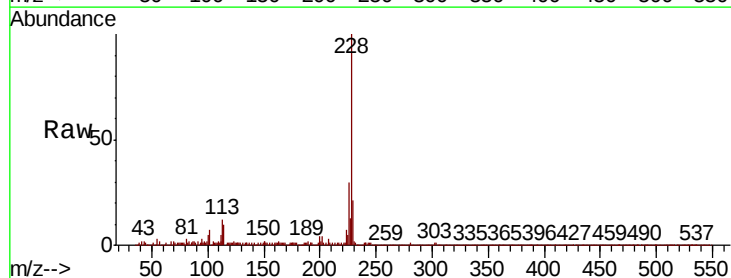
Instrument :  
BNA\_P  
ClientSampleId :

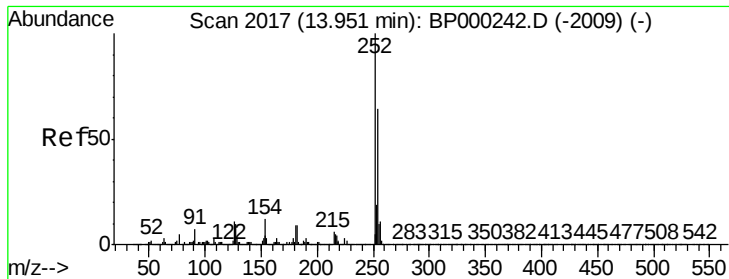
Tot Ion:149 Resp: 1193  
Ion Ratio Lower Upper  
149 100  
91 187.0 50.6 76.0#  
206 32.5 17.8 26.6#



#81  
Benzo(a)anthracene  
Concen: 6.276 ng  
RT: 14.02 min Scan# 2028  
Delta R.T. 0.03 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Tgt Ion:228 Resp: 380403  
Ion Ratio Lower Upper  
228 100  
226 29.6 22.2 33.4  
229 21.5 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 0.017 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampled :

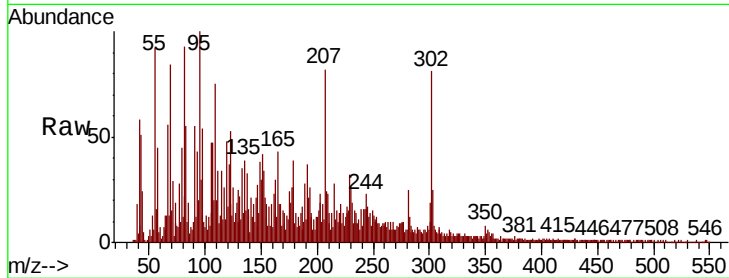
Tot Ion:252 Resp: 403

Ion Ratio Lower Upper

252 100

254 89.5 51.5 77.3#

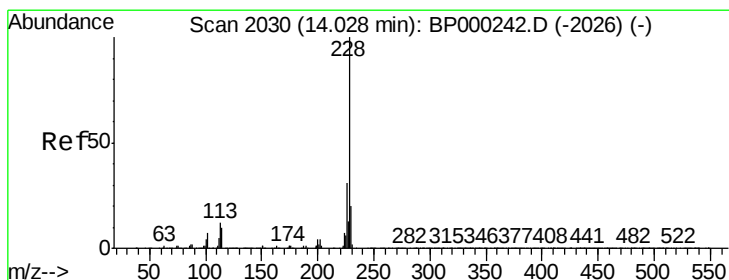
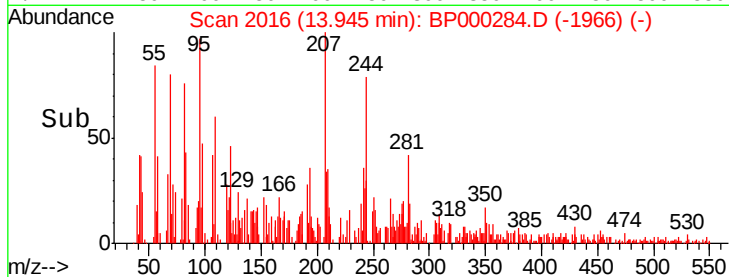
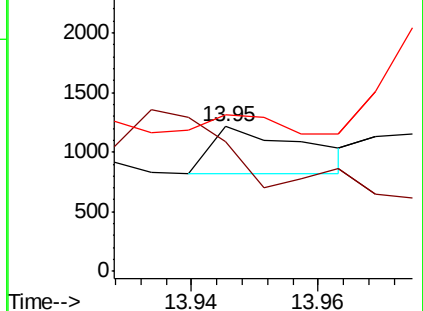
126 108.5 8.4 12.6#



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

Chrysene

Concen: 6.392 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

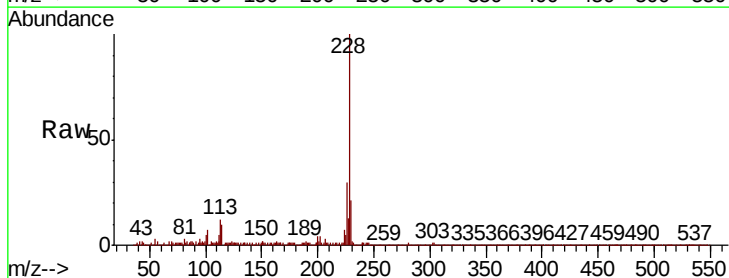
Tgt Ion:228 Resp: 380403

Ion Ratio Lower Upper

228 100

226 29.6 24.9 37.3

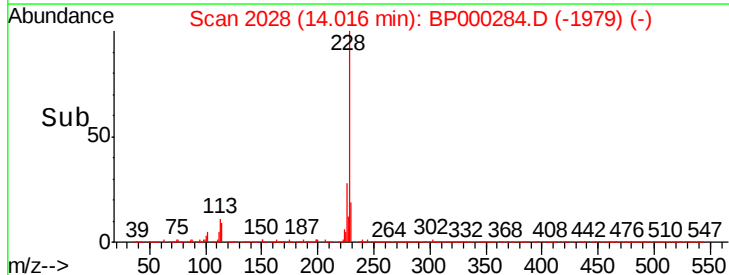
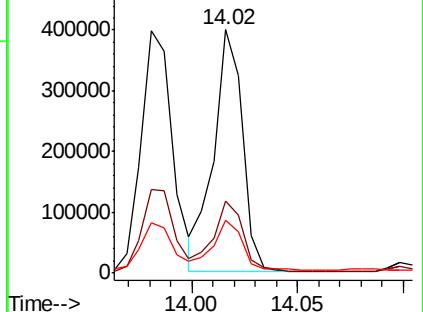
229 21.5 16.2 24.2

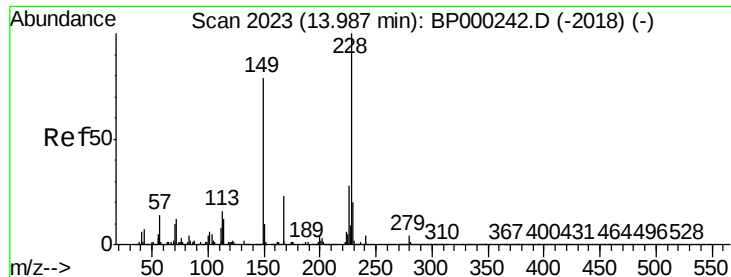


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.075 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :

BNA\_P

ClientSampleId :

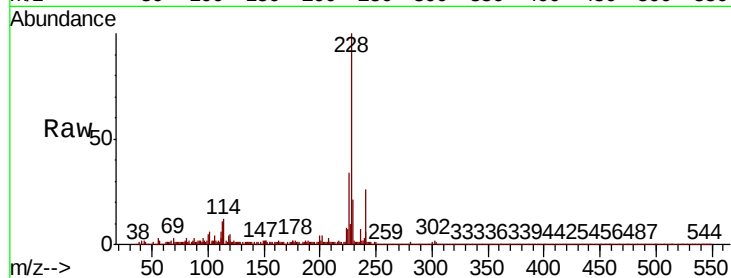
Tot Ion:149 Resp: 2962

Ion Ratio Lower Upper

149 100

167 36.0 23.0 34.4#

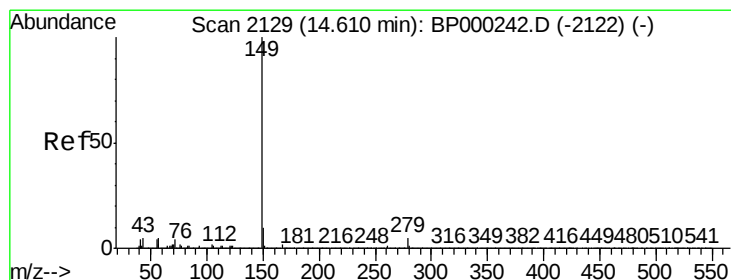
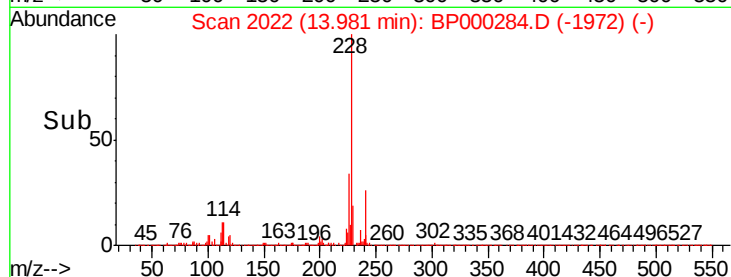
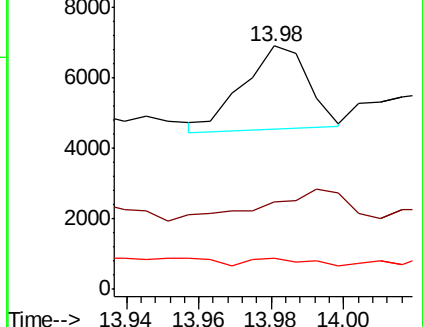
279 12.7 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.018 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

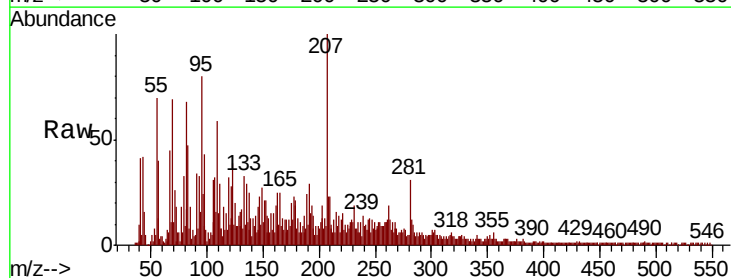
Tgt Ion:149 Resp: 1289

Ion Ratio Lower Upper

149 100

167 37.8 1.4 2.0#

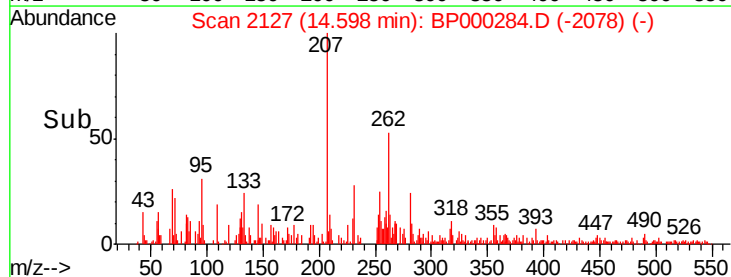
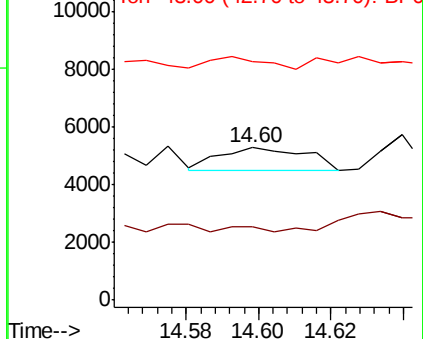
43 31.6 5.0 7.6#

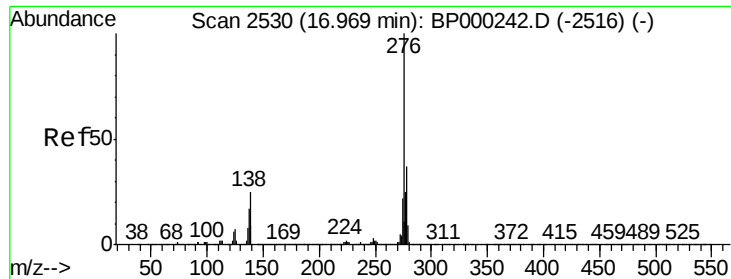


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BPO



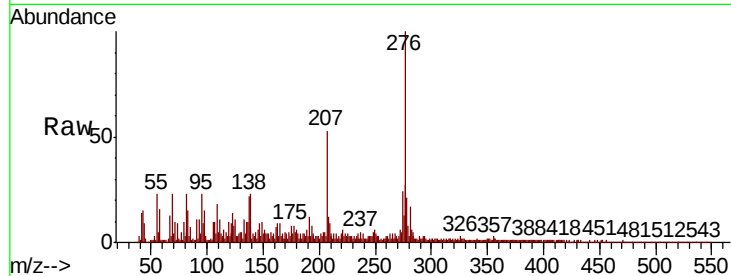


#86

Indeno(1,2,3-cd)pyrene  
Concen: 1.088 ng  
RT: 16.95 min Scan# 2527  
Delta R.T. -0.02 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.6  | 22.6  | 33.8  |
| 277     | 24.9  | 20.4  | 30.6  |

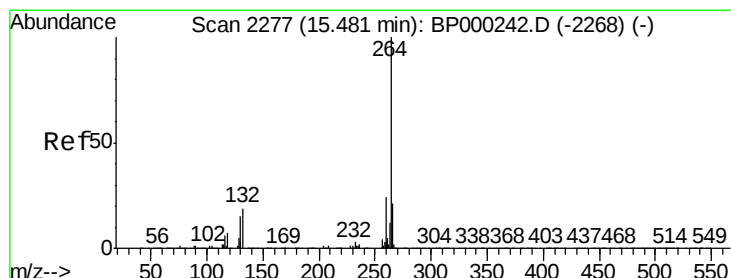
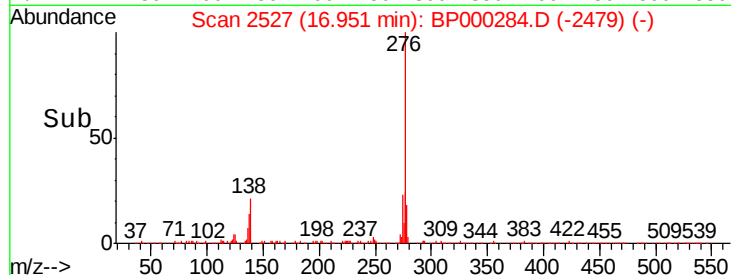
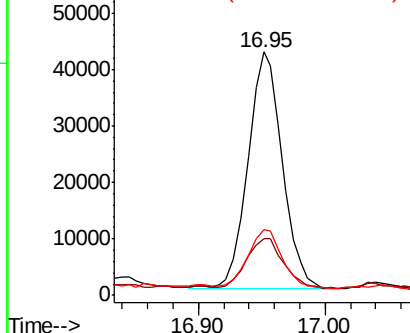


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

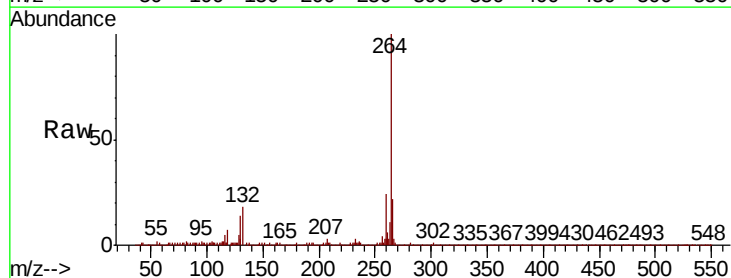
Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12  
Concen: 20.000 ng  
RT: 15.47 min Scan# 2276  
Delta R.T. -0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 18.9  | 28.3  |
| 265     | 22.2  | 17.2  | 25.8  |

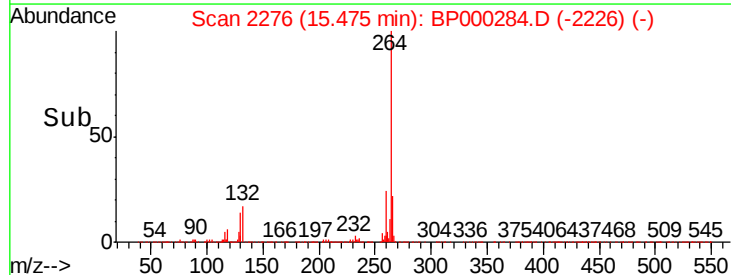
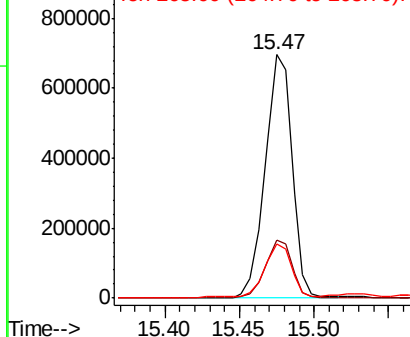


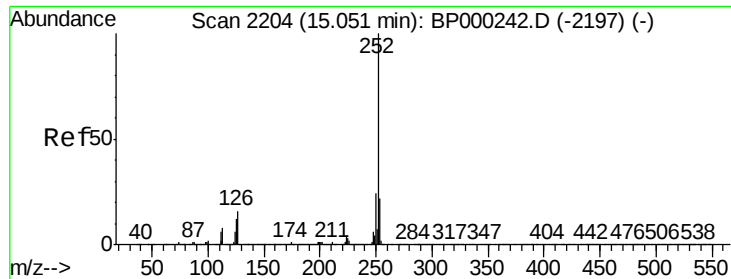
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 6.068 ng

RT: 15.05 min Scan# 2203

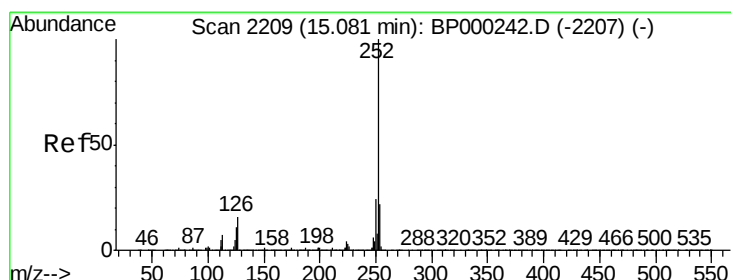
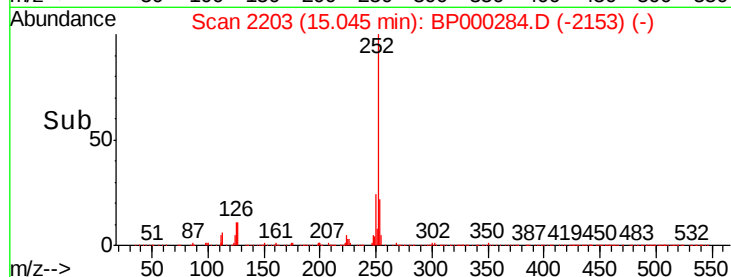
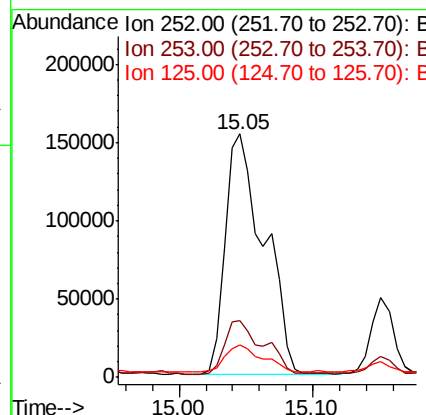
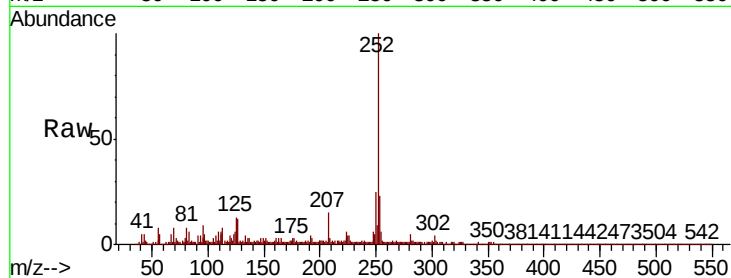
Delta R.T. -0.01 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 17.8  | 26.6  |
| 125     | 13.4  | 9.5   | 14.3  |



#89

Benzo(k)fluoranthene

Concen: 6.956 ng

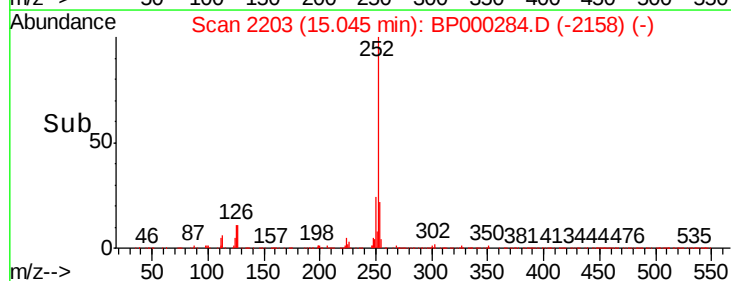
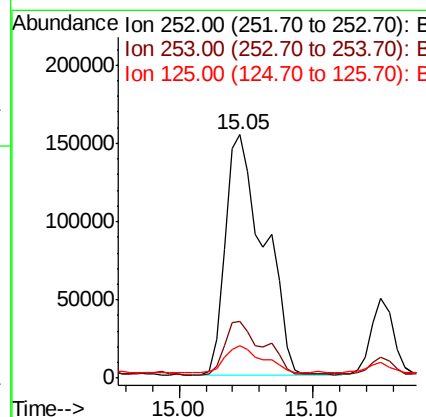
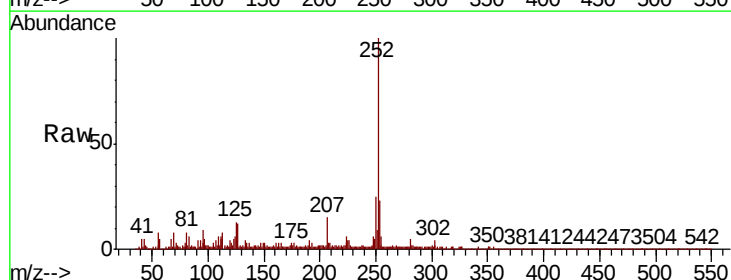
RT: 15.05 min Scan# 2203

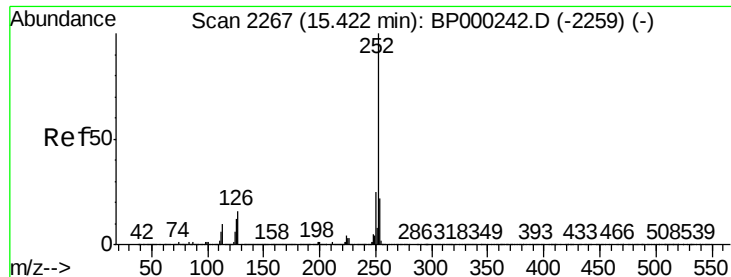
Delta R.T. -0.04 min

Lab File: BP000284.D

Acq: 17 Sep 2019 19:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 17.8  | 26.8  |
| 125     | 13.4  | 9.6   | 14.4  |

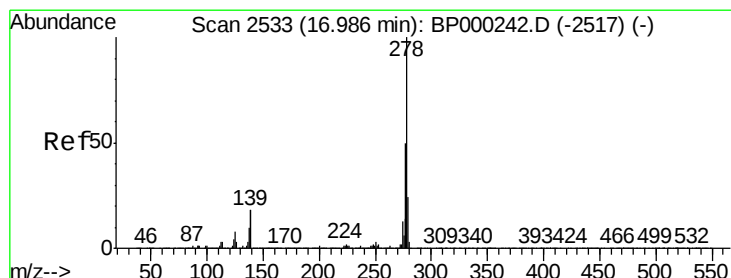
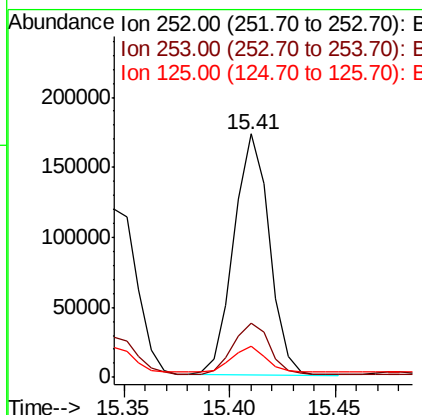
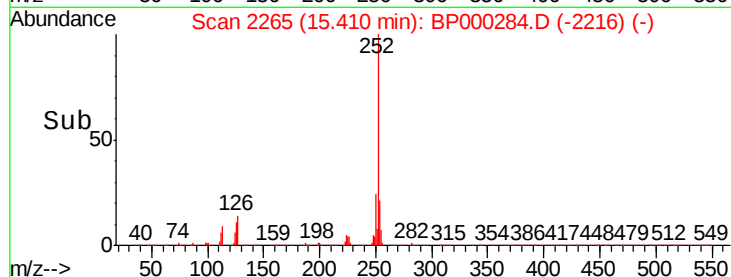
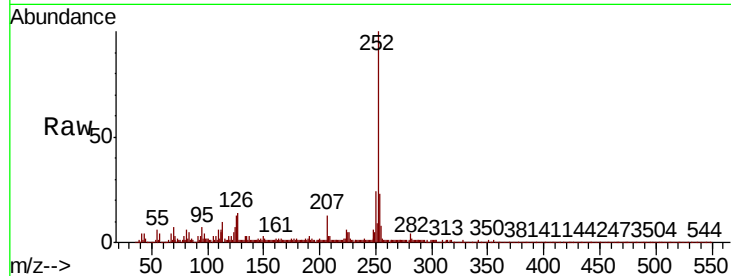




#90  
Benzo(a)pyrene  
Concen: 4.281 ng  
RT: 15.41 min Scan# 2265  
Delta R.T. -0.01 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

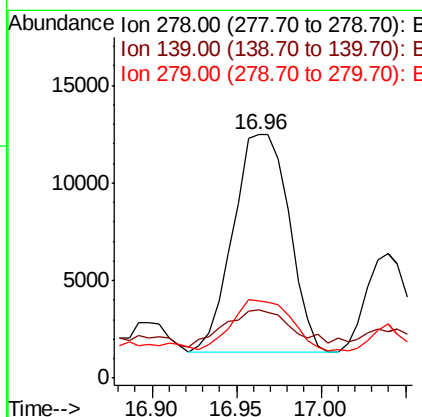
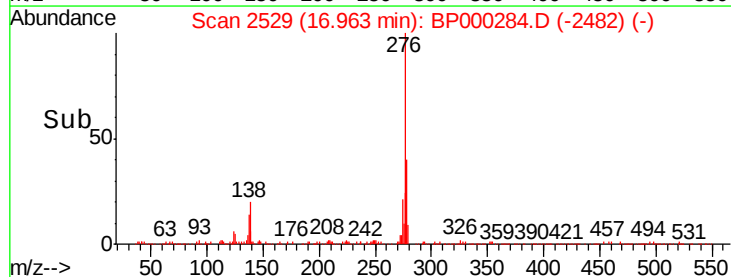
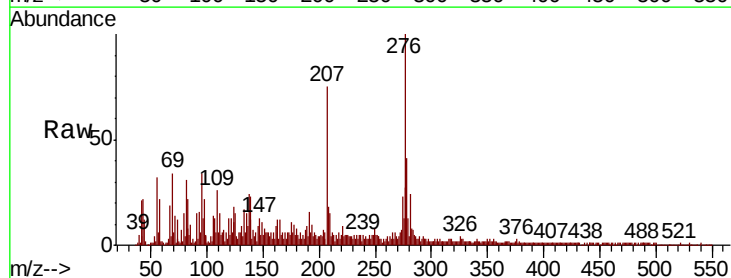
Instrument :  
BNA\_P  
ClientSampleId :

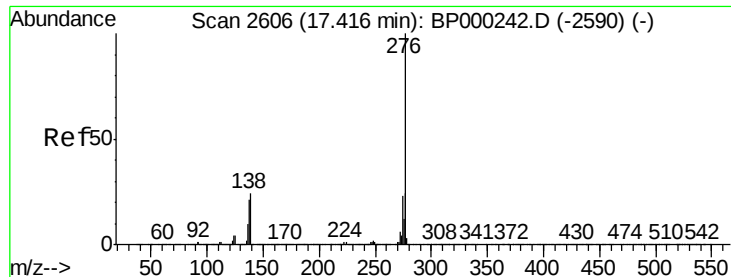
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:252 | Resp: | 200502    |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 22.5  | 17.7 26.5 |
| 125         | 12.8  | 10.0 15.0 |



#91  
Dibenzo(a,h)anthracene  
Concen: 0.590 ng  
RT: 16.96 min Scan# 2529  
Delta R.T. -0.02 min  
Lab File: BP000284.D  
Acq: 17 Sep 2019 19:50

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:278 | Resp: | 25779      |
| Ion Ratio   | Lower | Upper      |
| 278         | 100   |            |
| 139         | 28.2  | 14.5 21.7# |
| 279         | 31.7  | 19.0 28.6# |

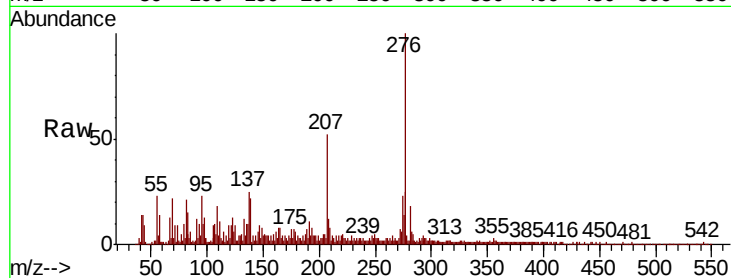




#92  
 Benzo(a,h,i)perylene  
 Concen: 1.796 ng  
 RT: 17.40 min Scan# 2603  
 Delta R.T. -0.02 min  
 Lab File: BP000284.D  
 Acq: 17 Sep 2019 19:50

Instrument :  
 BNA\_P  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.9  | 19.1  | 28.7  |
| 138     | 21.7  | 19.5  | 29.3  |



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

