

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\  
 Data File : BP001355.D  
 Acq On : 20 Dec 2019 21:13  
 Operator : JU  
 Sample : K6107-01MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Dec 20 22:10:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 20 03:20:39 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.30  | 152  | 44331    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.34 | 136  | 154467   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 13.20 | 164  | 86431    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 15.60 | 188  | 162733   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 19.25 | 240  | 126849   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 21.03 | 264  | 141130   | 20.00 | ng    | 0.01     |

|                             |       |     |        |        |    |      |
|-----------------------------|-------|-----|--------|--------|----|------|
| System Monitoring Compounds |       |     |        |        |    |      |
| 5) 2-Fluorophenol           | 6.22  | 112 | 296362 | 108.05 | ng | 0.02 |
| 7) Phenol-d6                | 7.76  | 99  | 403659 | 112.78 | ng | 0.01 |
| 23) Nitrobenzene-d5         | 9.19  | 82  | 283244 | 70.42  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 14.50 | 330 | 108412 | 100.33 | ng | 0.01 |
| 45) 2-Fluorobiphenyl        | 12.12 | 172 | 430690 | 63.01  | ng | 0.00 |
| 79) Terphenyl-d14           | 17.89 | 244 | 481869 | 65.06  | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.61  | 88  | 42558  | 37.701 | ng | 96   |
| 3) Pyridine                    | 3.45  | 79  | 110878 | 35.956 | ng | 99   |
| 4) n-Nitrosodimethylamine      | 3.36  | 42  | 85395  | 43.734 | ng | 92   |
| 6) Aniline                     | 7.78  | 93  | 68716  | 15.251 | ng | # 1  |
| 8) 2-Chlorophenol              | 7.97  | 128 | 119237 | 43.240 | ng | 97   |
| 9) Benzaldehyde                | 7.60  | 77  | 98675  | 39.301 | ng | 99   |
| 10) Phenol                     | 7.78  | 94  | 182100 | 44.528 | ng | 83   |
| 11) bis(2-Chloroethyl)ether    | 7.91  | 93  | 118633 | 41.005 | ng | 97   |
| 12) 1,3-Dichlorobenzene        | 8.21  | 146 | 135508 | 39.452 | ng | 100  |
| 13) 1,4-Dichlorobenzene        | 8.33  | 146 | 138789 | 39.660 | ng | 95   |
| 14) 1,2-Dichlorobenzene        | 8.57  | 146 | 132093 | 39.622 | ng | 95   |
| 15) Benzyl Alcohol             | 8.54  | 79  | 139687 | 41.594 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.76  | 45  | 168796 | 36.839 | ng | 91   |
| 17) 2-Methylphenol             | 8.73  | 107 | 104447 | 42.863 | ng | 98   |
| 18) Hexachloroethane           | 9.11  | 117 | 57099  | 38.356 | ng | 90   |
| 19) n-Nitroso-di-n-propylamine | 8.98  | 70  | 104942 | 41.302 | ng | 99   |
| 20) 3+4-Methylphenols          | 8.98  | 107 | 135675 | 41.958 | ng | 99   |
| 22) Acetophenone               | 8.95  | 105 | 212832 | 43.571 | ng | # 96 |
| 24) Nitrobenzene               | 9.22  | 77  | 162364 | 41.011 | ng | 98   |
| 25) Isophorone                 | 9.61  | 82  | 270095 | 41.760 | ng | 99   |
| 26) 2-Nitrophenol              | 9.73  | 139 | 60041  | 42.530 | ng | 97   |
| 27) 2,4-Dimethylphenol         | 9.83  | 122 | 100122 | 48.221 | ng | 97   |
| 28) bis(2-Chloroethoxy)methane | 9.98  | 93  | 147213 | 38.109 | ng | 98   |
| 29) 2,4-Dichlorophenol         | 10.12 | 162 | 104226 | 40.540 | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 10.26 | 180 | 119466 | 37.777 | ng | 96   |
| 31) Naphthalene                | 10.37 | 128 | 340992 | 40.441 | ng | 100  |
| 32) Benzoic acid               | 10.00 | 122 | 66667  | 40.579 | ng | # 65 |
| 33) 4-Chloroaniline            | 10.47 | 127 | 29760  | 8.630  | ng | 96   |
| 34) Hexachlorobutadiene        | 10.60 | 225 | 78448  | 35.566 | ng | 96   |
| 35) Caprolactam                | 11.05 | 113 | 24822  | 32.447 | ng | # 74 |
| 36) 4-Chloro-3-methylphenol    | 11.29 | 107 | 117386 | 39.071 | ng | 98   |
| 37) 2-Methylnaphthalene        | 11.51 | 142 | 239876 | 41.208 | ng | 98   |
| 38) 1-Methylnaphthalene        | 11.67 | 142 | 220617 | 40.313 | ng | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 11.79 | 216 | 122423 | 38.308 | ng | 99   |

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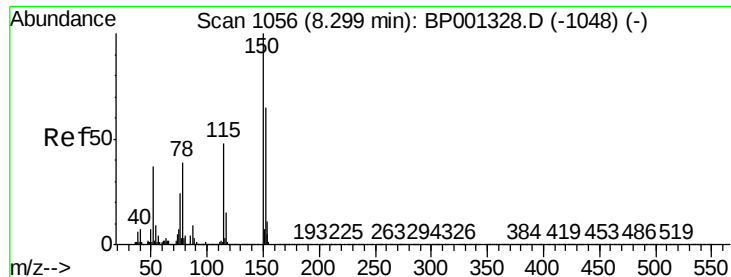
Instrument :  
 BNA\_P  
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Quant Time: Dec 20 22:10:30 2019  
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 QLast Update : Fri Dec 20 03:20:39 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 11.77 | 237  | 62204    | 39.354 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 11.97 | 196  | 78899    | 40.144 | ng    | 93       |
| 44) 2,4,5-Trichlorophenol      | 12.03 | 196  | 81835    | 40.525 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 12.28 | 154  | 281924   | 38.979 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 12.30 | 162  | 220255   | 37.669 | ng    | 99       |
| 48) 2-Nitroaniline             | 12.47 | 65   | 88136    | 37.643 | ng    | 95       |
| 49) Acenaphthylene             | 12.97 | 152  | 338772   | 39.634 | ng    | 99       |
| 50) Dimethylphthalate          | 12.80 | 163  | 303537   | 42.808 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 12.88 | 165  | 55760    | 38.728 | ng    | 96       |
| 52) Acenaphthene               | 13.26 | 154  | 197461   | 38.343 | ng    | 98       |
| 53) 3-Nitroaniline             | 13.14 | 138  | 23652    | 15.305 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 13.32 | 184  | 34061    | 61.265 | ng    | 96       |
| 55) Dibenzofuran               | 13.55 | 168  | 312956   | 38.785 | ng    | 98       |
| 56) 4-Nitrophenol              | 13.45 | 139  | 92521    | 83.728 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 13.54 | 165  | 77889    | 38.922 | ng    | 91       |
| 58) Fluorene                   | 14.11 | 166  | 248435   | 38.494 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 13.68 | 232  | 67464    | 38.913 | ng    | 97       |
| 60) Diethylphthalate           | 13.97 | 149  | 263697   | 36.056 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 14.13 | 204  | 125693   | 37.049 | ng    | 95       |
| 62) 4-Nitroaniline             | 12.47 | 138  | 69397    | 38.779 | ng    | 93       |
| 63) Azobenzene                 | 14.39 | 77   | 287694   | 37.365 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 14.20 | 198  | 24931    | 34.208 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 14.32 | 169  | 214569   | 41.591 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 14.92 | 248  | 73720    | 38.316 | ng    | 99       |
| 68) Hexachlorobenzene          | 15.01 | 284  | 81356    | 37.143 | ng    | 92       |
| 69) Atrazine                   | 15.21 | 200  | 79669    | 42.991 | ng    | 99       |
| 70) Pentachlorophenol          | 15.32 | 266  | 99576    | 88.650 | ng    | 92       |
| 71) Phenanthrene               | 15.64 | 178  | 383079   | 41.260 | ng    | 99       |
| 72) Anthracene                 | 15.72 | 178  | 384722   | 41.859 | ng    | 99       |
| 73) Carbazole                  | 15.97 | 167  | 323815   | 39.517 | ng    | 100      |
| 74) Di-n-butylphthalate        | 16.52 | 149  | 415303   | 36.932 | ng    | 99       |
| 75) Fluoranthene               | 17.35 | 202  | 432126   | 41.624 | ng    | 99       |
| 77) Benzidine                  | 17.55 | 184  | 214477   | 58.073 | ng    | 99       |
| 78) Pyrene                     | 17.66 | 202  | 430771   | 43.737 | ng    | 100      |
| 80) Butylbenzylphthalate       | 18.55 | 149  | 174362   | 37.973 | ng    | 99       |
| 81) Benzo(a)anthracene         | 19.24 | 228  | 389638   | 42.154 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 19.20 | 252  | 92441    | 28.801 | ng    | 97       |
| 83) Chrysene                   | 19.29 | 228  | 367938   | 41.240 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 19.29 | 149  | 258968   | 38.435 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 20.07 | 149  | 431790   | 38.665 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 22.67 | 276  | 395656   | 41.062 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 20.54 | 252  | 374968   | 40.456 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 20.57 | 252  | 349945   | 39.636 | ng    | 98       |
| 90) Benzo(a)pyrene             | 20.96 | 252  | 339517   | 40.212 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 22.70 | 278  | 330717   | 40.061 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 23.17 | 276  | 322914   | 40.935 | ng    | 100      |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

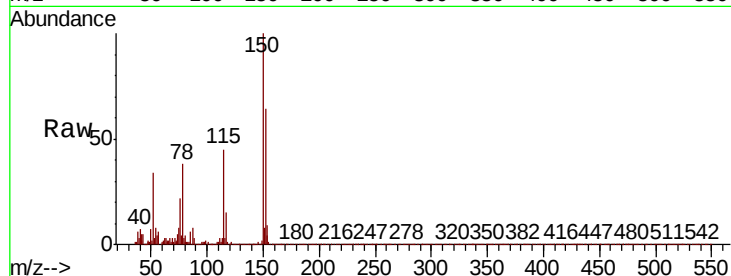
Tot Ion:152 Resp: 44331

Ion Ratio Lower Upper

152 100

150 155.3 124.0 186.0

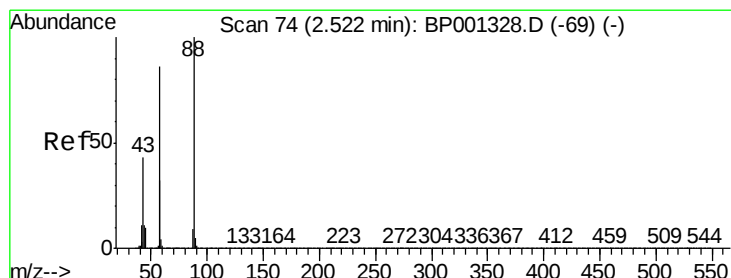
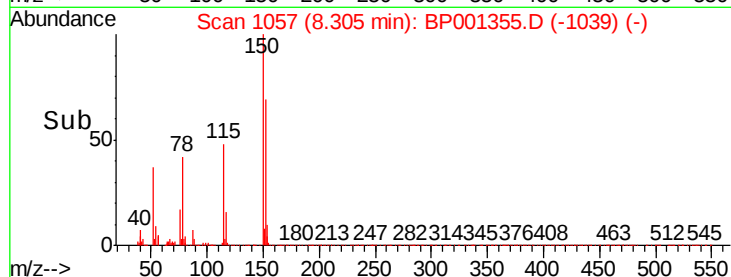
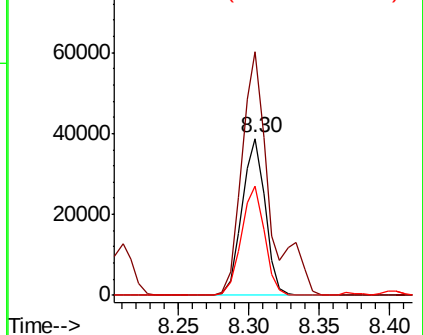
115 69.7 59.3 88.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.701 ng

RT: 2.61 min Scan# 89

Delta R.T. 0.09 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

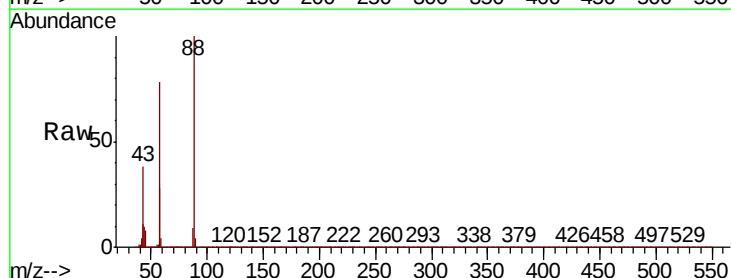
Tgt Ion: 88 Resp: 42558

Ion Ratio Lower Upper

88 100

58 81.9 69.6 104.4

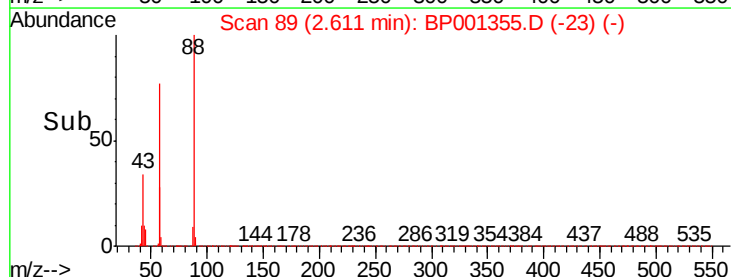
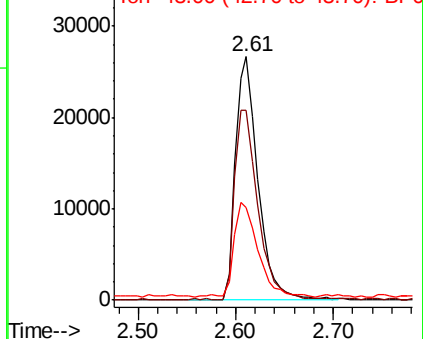
43 42.3 33.7 50.5

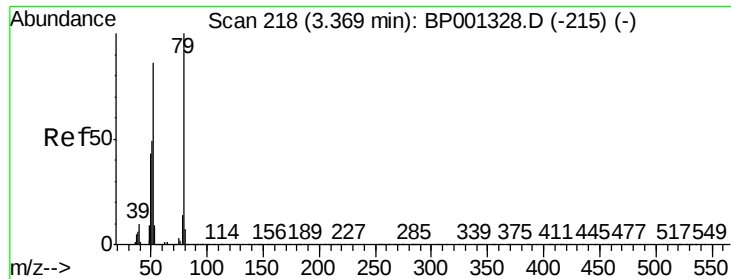


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 35.956 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.08 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

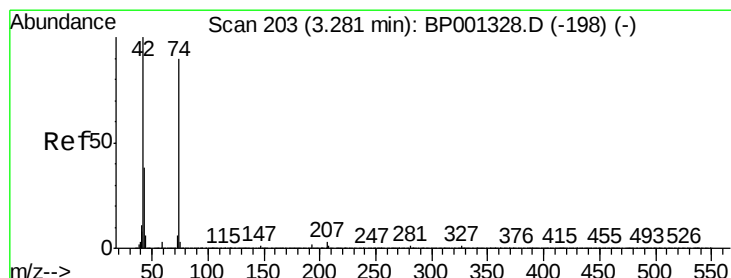
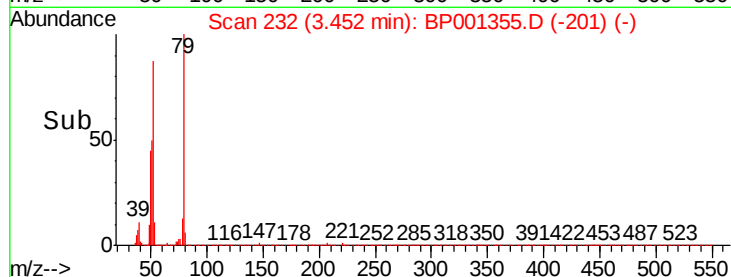
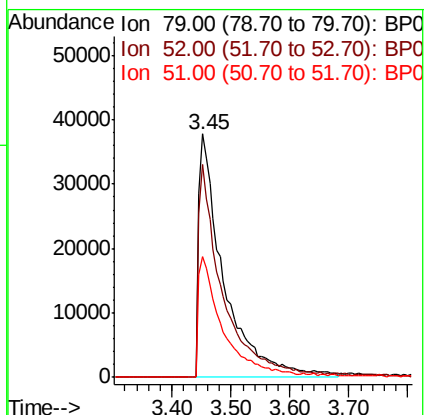
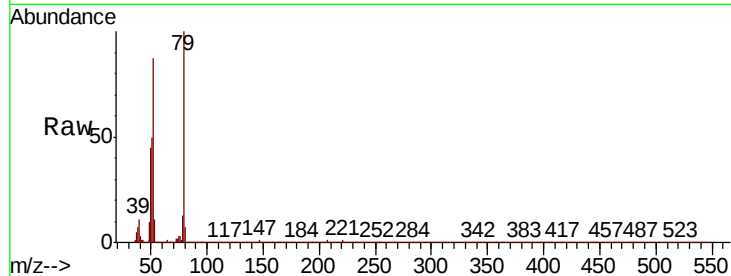
Tot Ion: 79 Resp: 110878

Ion Ratio Lower Upper

79 100

52 87.3 68.5 102.7

51 49.8 39.5 59.3



#4

n-Nitrosodimethylamine

Concen: 43.734 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.08 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

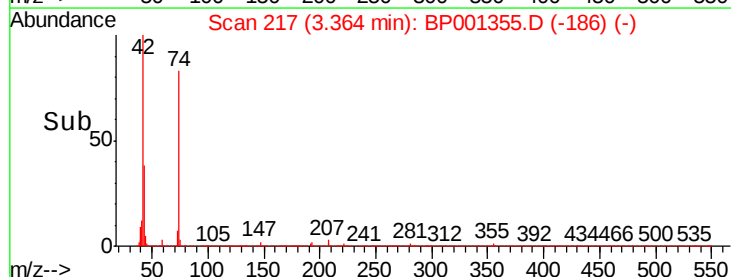
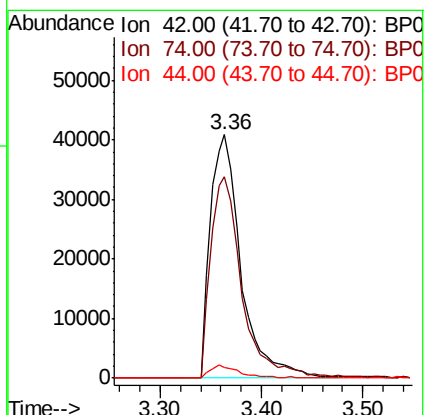
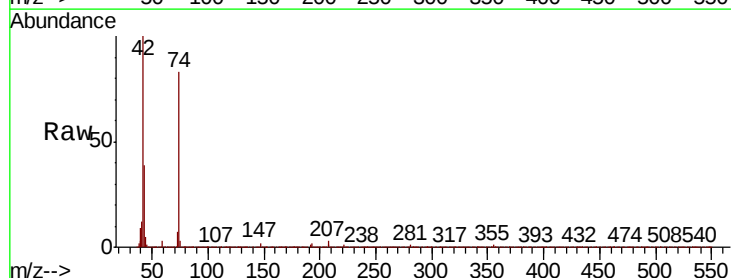
Tgt Ion: 42 Resp: 85395

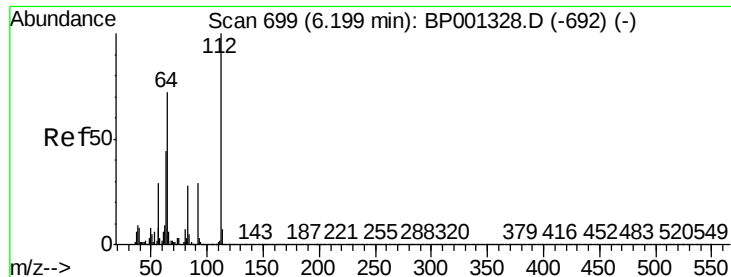
Ion Ratio Lower Upper

42 100

74 82.8 72.2 108.4

44 4.6 4.5 6.7





#5

2-Fluorophenol

Concen: 108.046 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BP001355.D

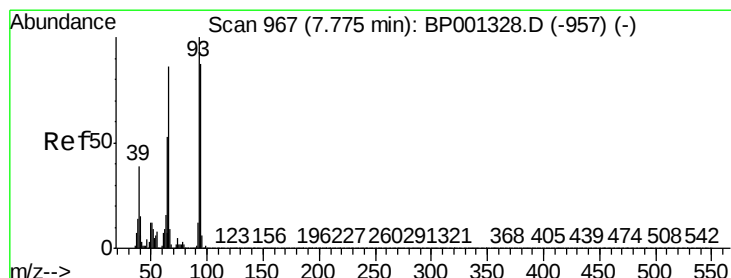
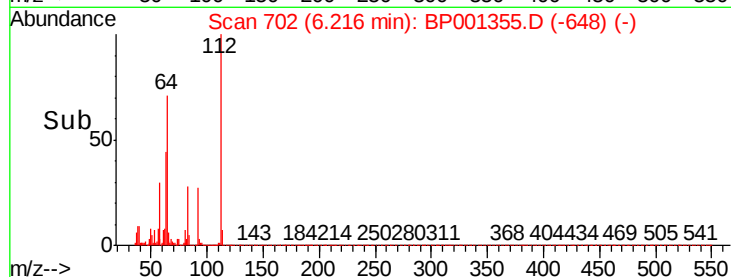
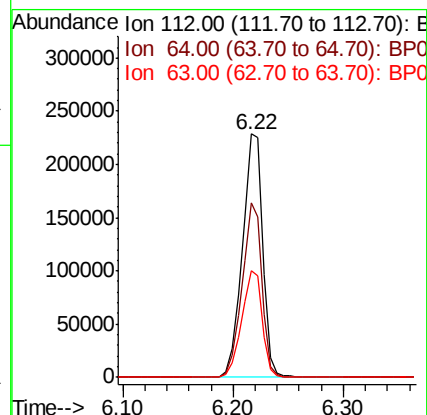
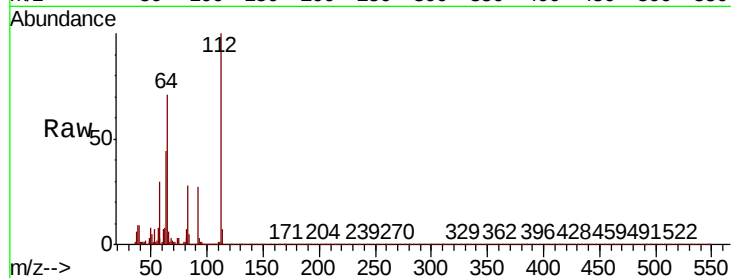
Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 296362 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 71.5  | 57.6  | 86.4   |
| 63        | 44.1  | 35.1  | 52.7   |



#6

Aniline

Concen: 15.251 ng

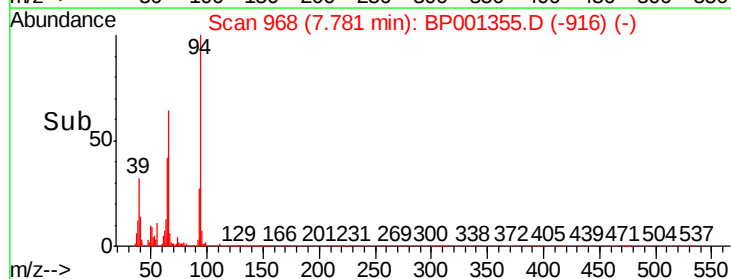
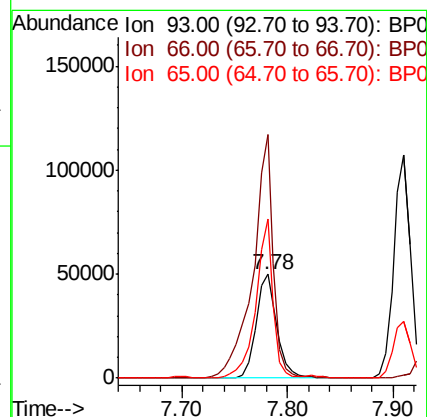
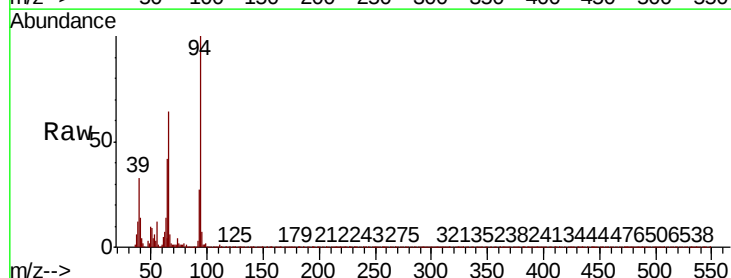
RT: 7.78 min Scan# 968

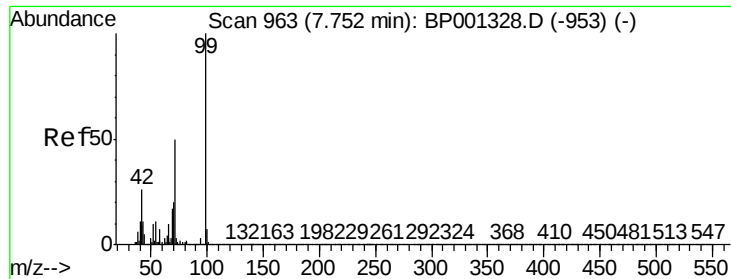
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 68716  |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 235.0 | 69.0  | 103.6# |
| 65        | 154.0 | 42.2  | 63.4#  |





#7

Phenol-d6

Concen: 112.780 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

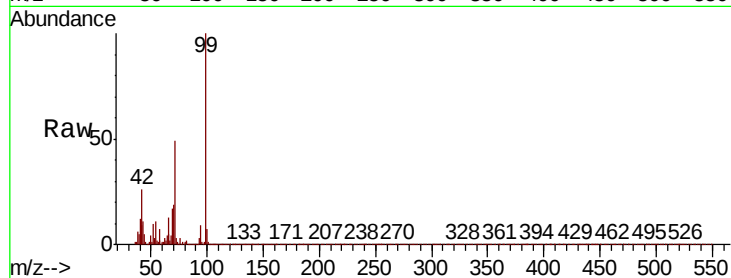
Tot Ion: 99 Resp: 403659

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 25.9  | 20.9  | 31.3  |
| 71  | 48.6  | 40.0  | 60.0  |

99 100

42 25.9 20.9 31.3

71 48.6 40.0 60.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

300000

200000

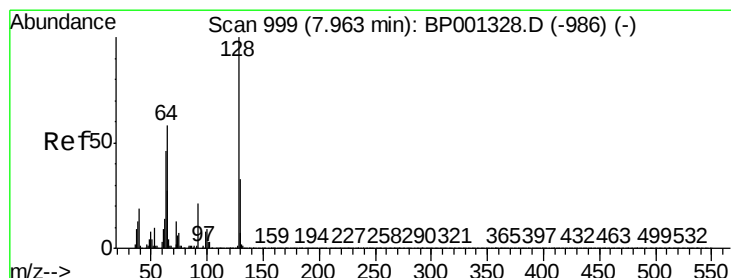
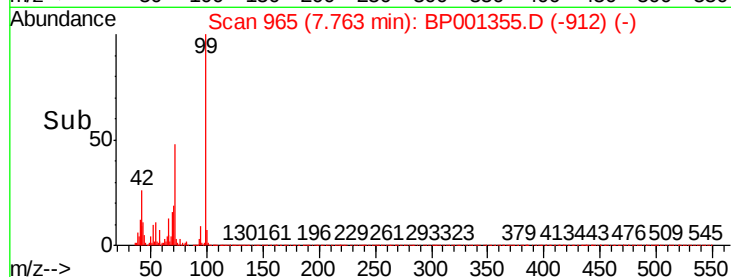
100000

0

7.76

7.70 7.80

Time-->



#8

2-Chlorophenol

Concen: 43.240 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

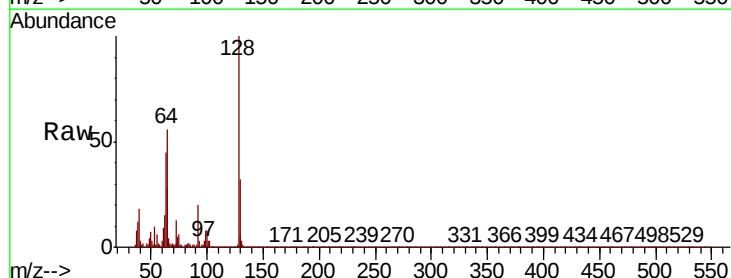
Tgt Ion: 128 Resp: 119237

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.9  | 13.5  | 53.5  |
| 64  | 56.1  | 38.2  | 78.2  |

128 100

130 31.9 13.5 53.5

64 56.1 38.2 78.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0

150000

100000

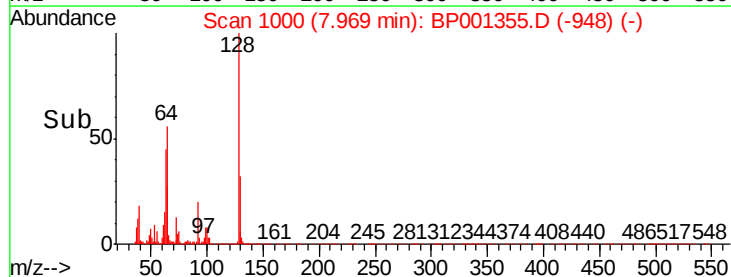
50000

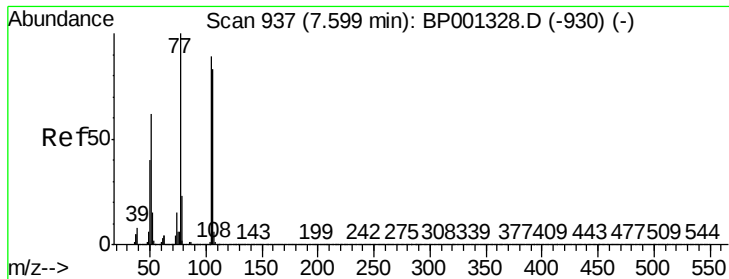
0

7.97

7.85 7.90 7.95 8.00 8.05

Time-->





#9

Benzaldehyde

Concen: 39.301 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampled :

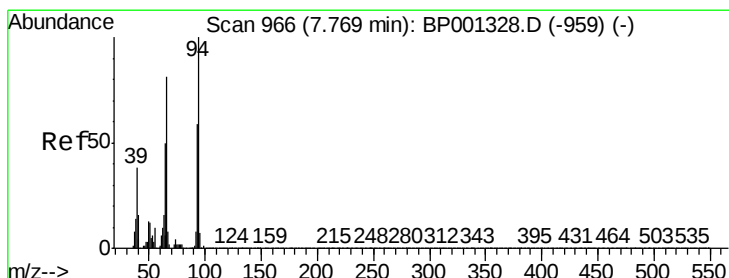
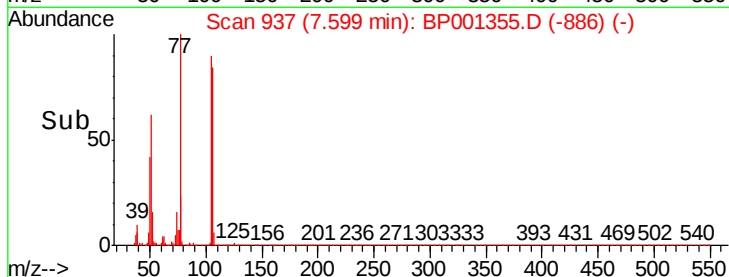
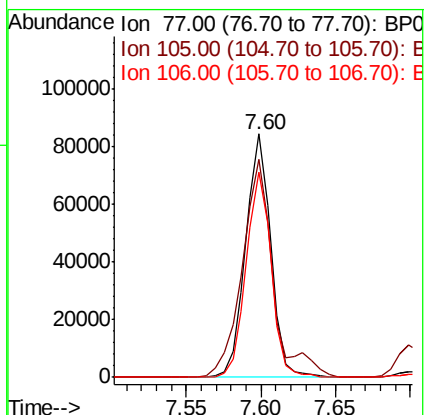
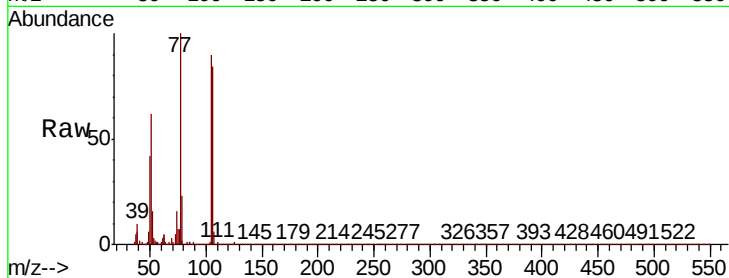
Tot Ion: 77 Resp: 98675

Ion Ratio Lower Upper

77 100

105 89.7 68.6 108.6

106 84.1 62.5 102.5



#10

Phenol

Concen: 44.528 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

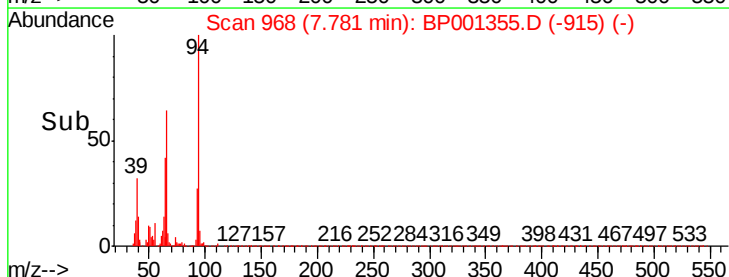
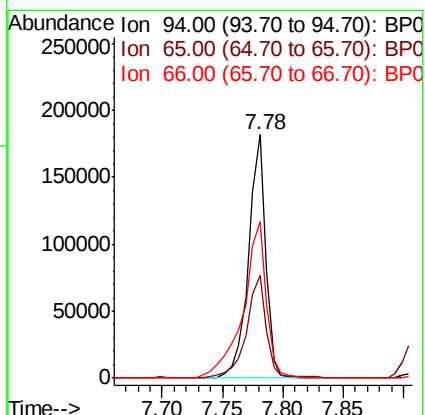
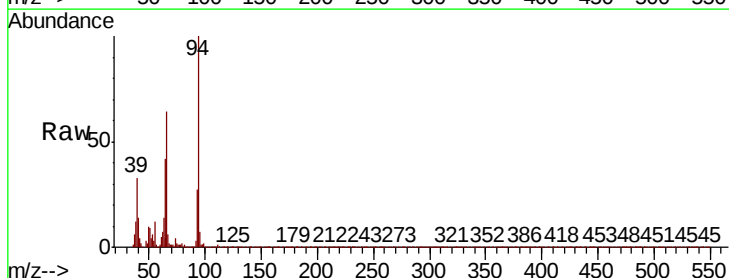
Tgt Ion: 94 Resp: 182100

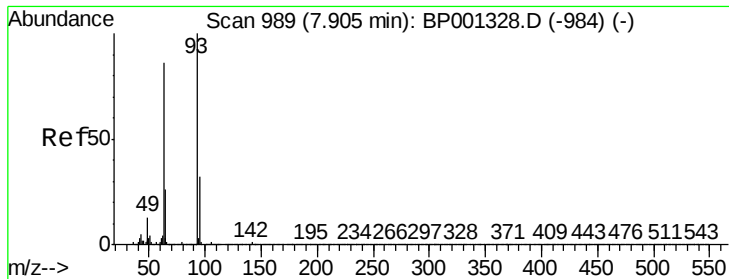
Ion Ratio Lower Upper

94 100

65 42.2 30.4 70.4

66 64.3 62.0 102.0

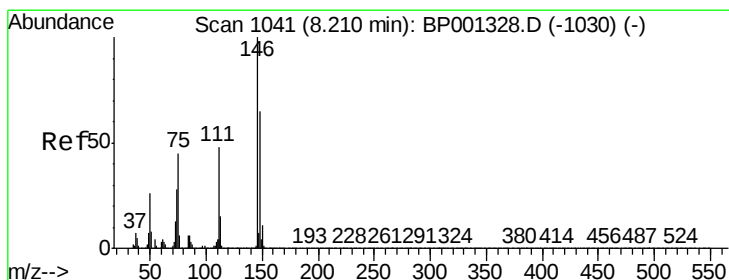
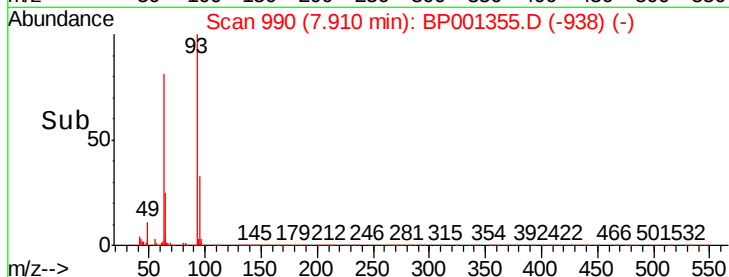
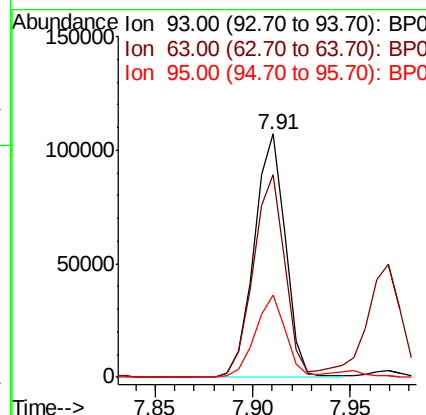
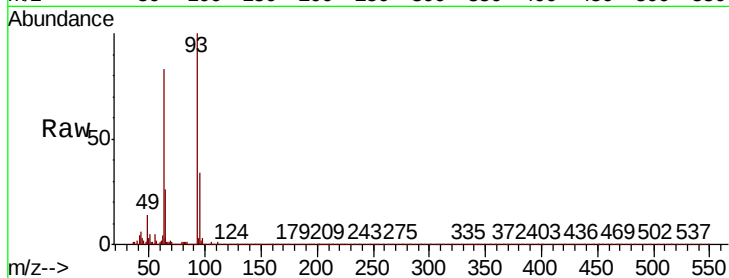




#11  
bis(2-Chloroethyl)ether  
Concen: 41.005 ng  
RT: 7.91 min Scan# 990  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

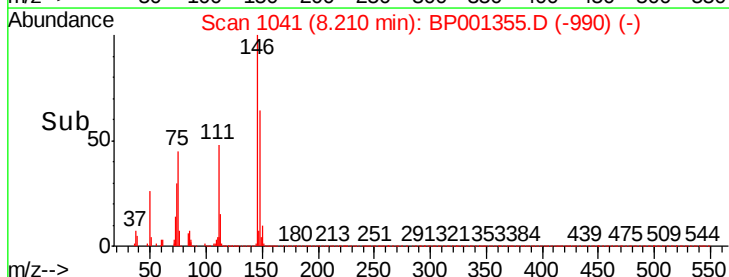
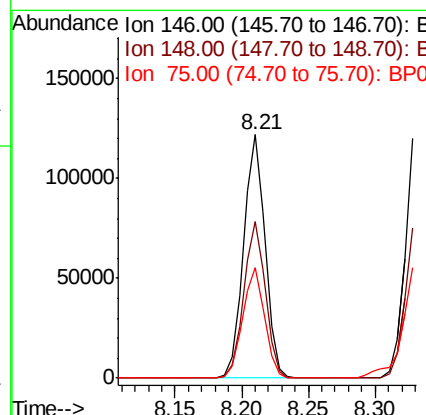
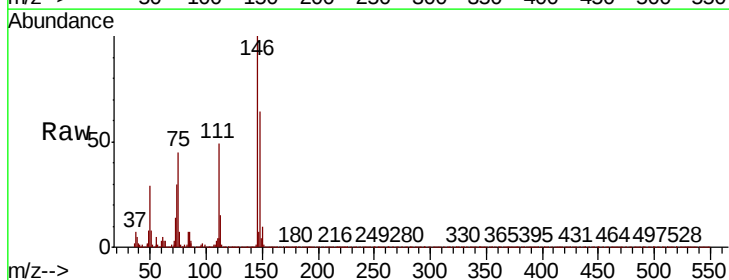
Instrument :  
BNA\_P  
ClientSampleId :

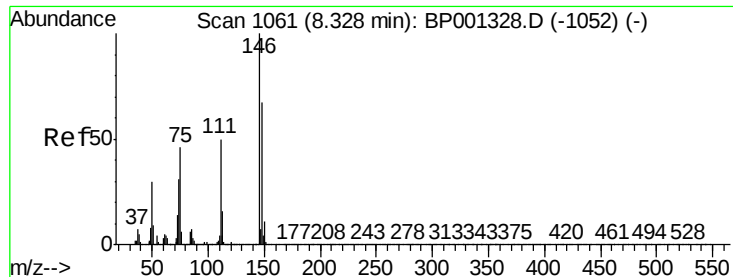
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 83.3  | 66.2  | 106.2 |
| 95      | 33.6  | 12.2  | 52.2  |



#12  
1,3-Dichlorobenzene  
Concen: 39.452 ng  
RT: 8.21 min Scan# 1041  
Delta R.T. 0.00 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.9  | 77.9  |
| 75      | 45.3  | 36.2  | 54.4  |





#13

1,4-Dichlorobenzene

Concen: 39.660 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

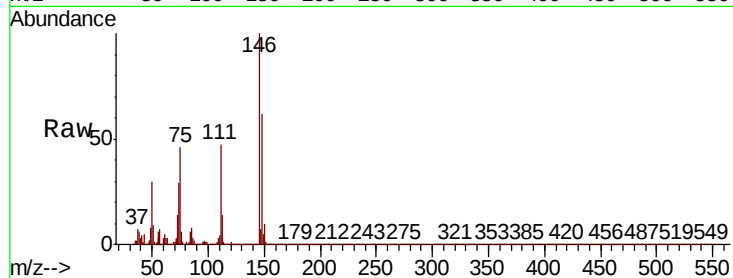
Tot Ion:146 Resp: 138789

Ion Ratio Lower Upper

146 100

148 62.5 53.3 79.9

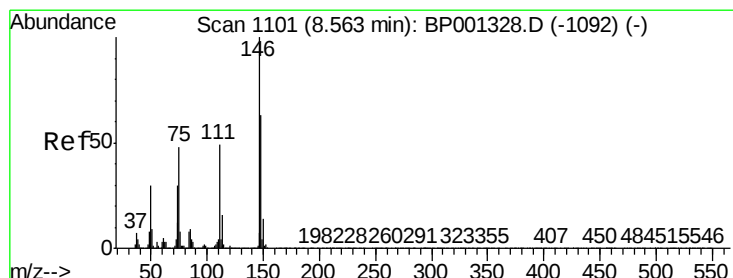
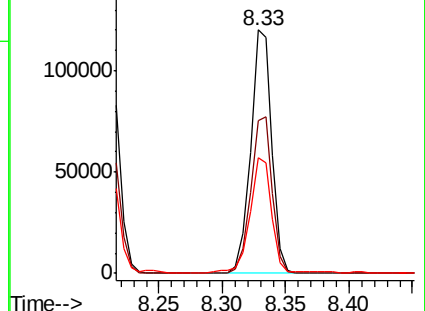
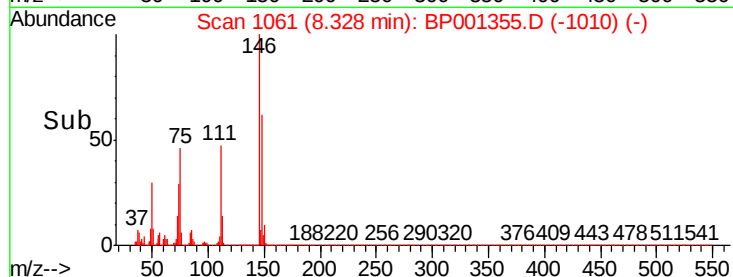
111 47.3 40.2 60.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.622 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

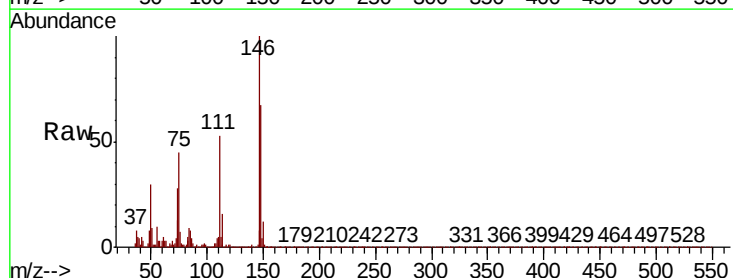
Tgt Ion:146 Resp: 132093

Ion Ratio Lower Upper

146 100

148 66.8 50.8 76.2

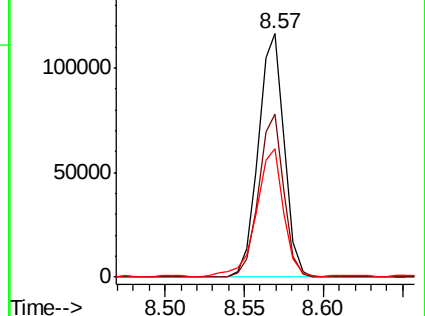
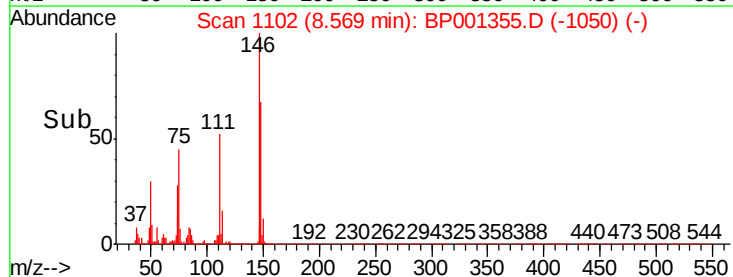
111 52.7 39.4 59.2

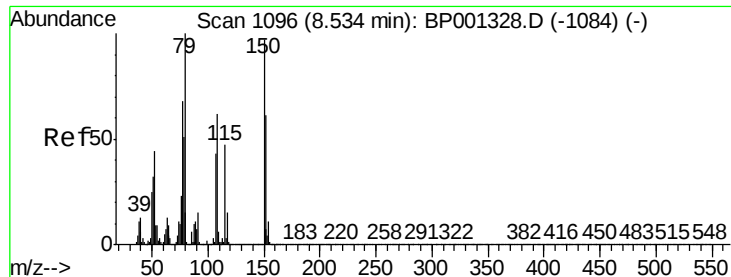


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.594 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampled :

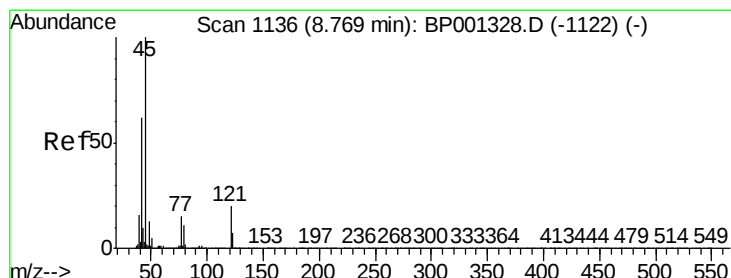
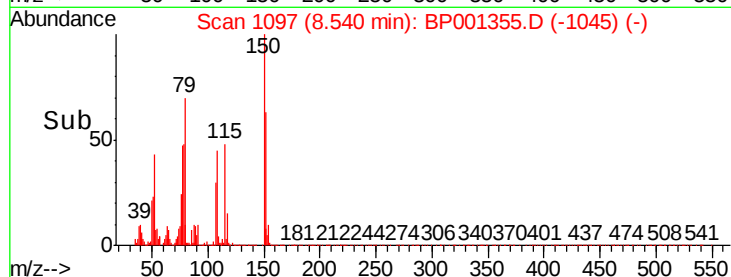
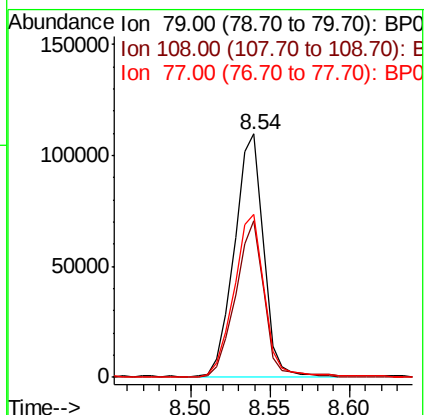
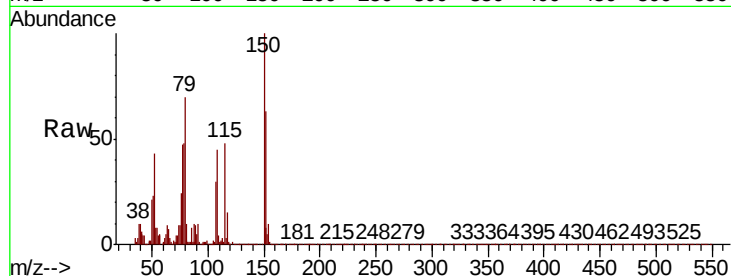
Tot Ion: 79 Resp: 139687

Ion Ratio Lower Upper

79 100

108 64.4 49.3 73.9

77 66.8 54.4 81.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.839 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

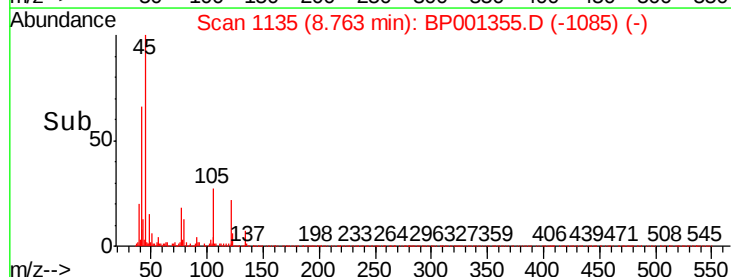
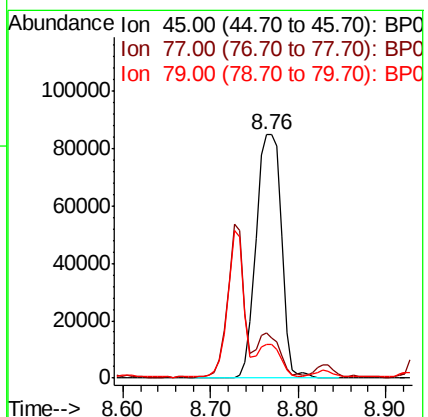
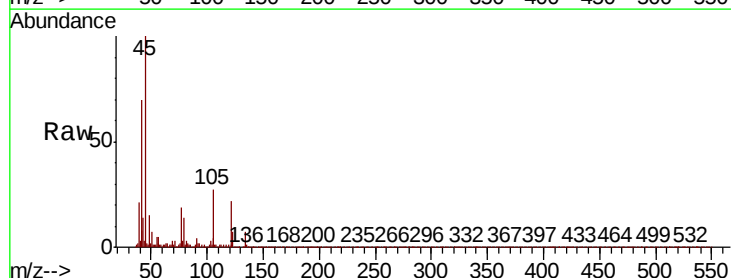
Tgt Ion: 45 Resp: 168796

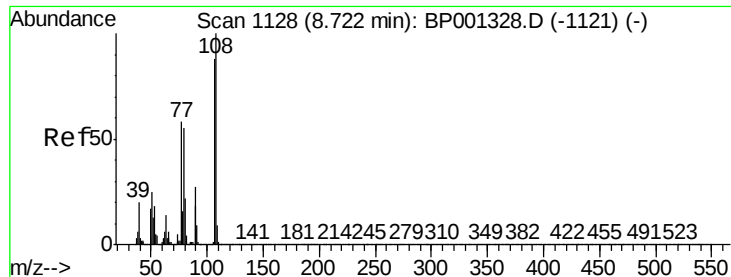
Ion Ratio Lower Upper

45 100

77 18.7 0.0 34.8

79 14.0 0.0 31.2

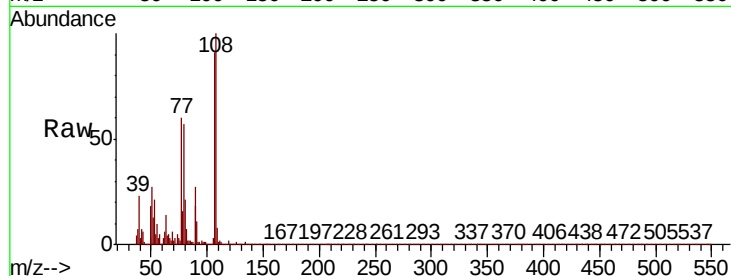




#17  
2-Methylphenol  
Concen: 42.863 ng  
RT: 8.73 min Scan# 1129  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.0 | 90.7  | 136.1 |
| 77      | 65.5  | 52.7  | 79.1  |
| 79      | 62.8  | 50.4  | 75.6  |



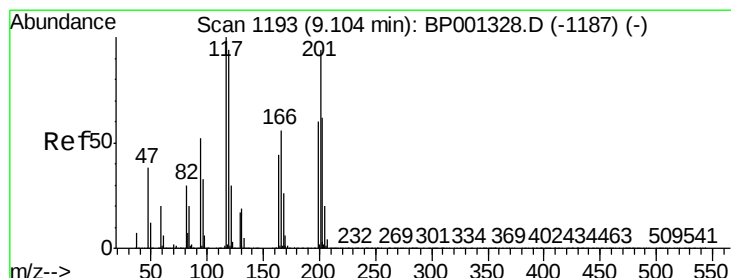
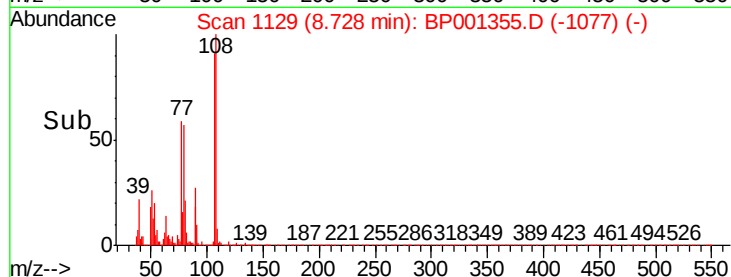
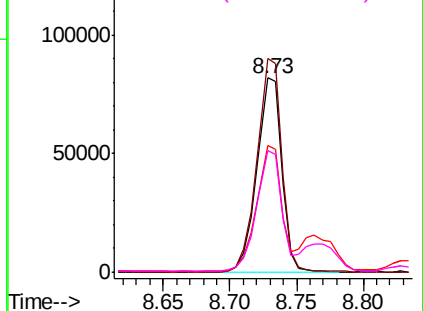
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

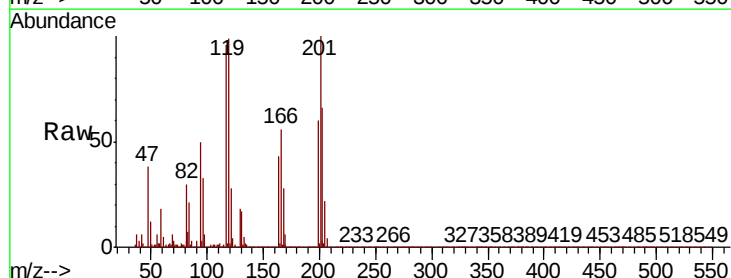
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18  
Hexachloroethane  
Concen: 38.356 ng  
RT: 9.11 min Scan# 1194  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 103.6 | 75.0  | 112.4 |
| 201     | 104.2 | 75.6  | 113.4 |

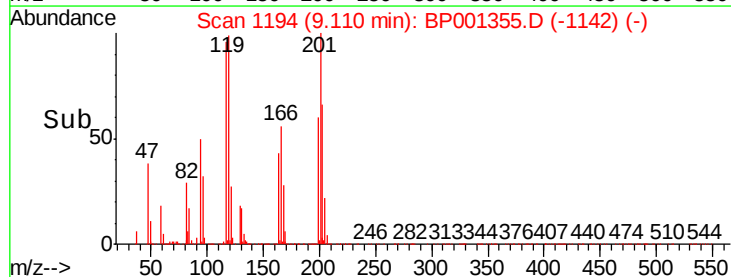
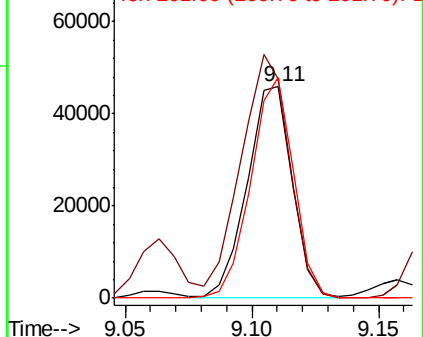


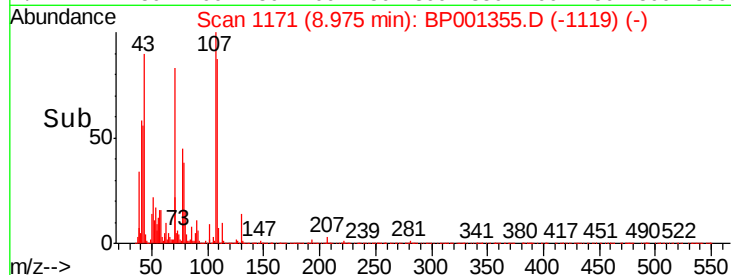
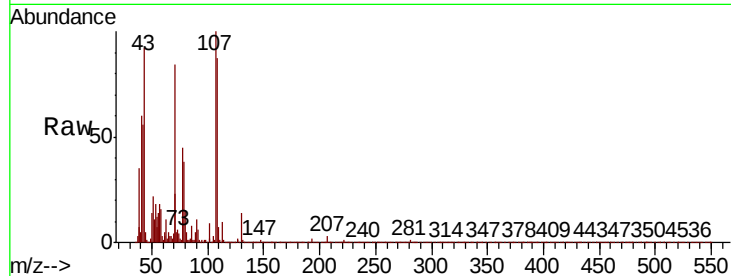
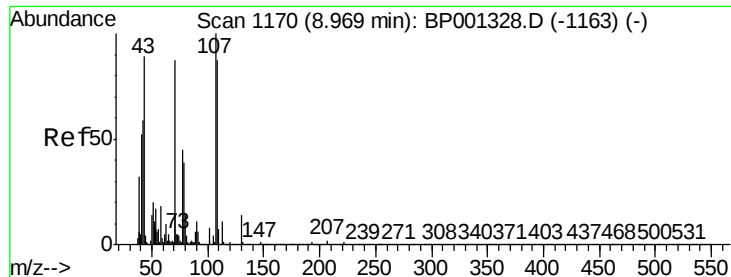
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

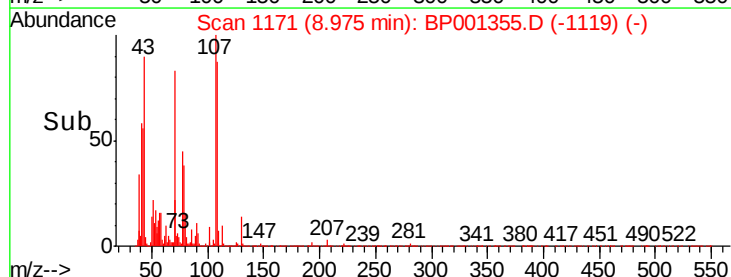
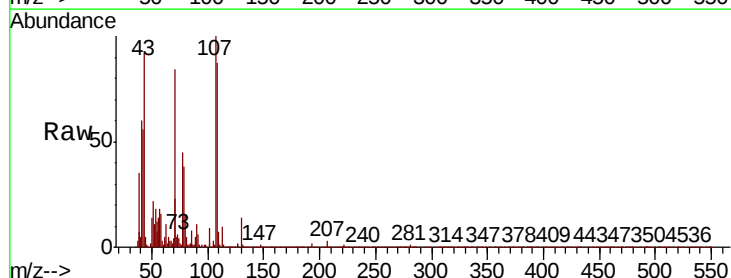
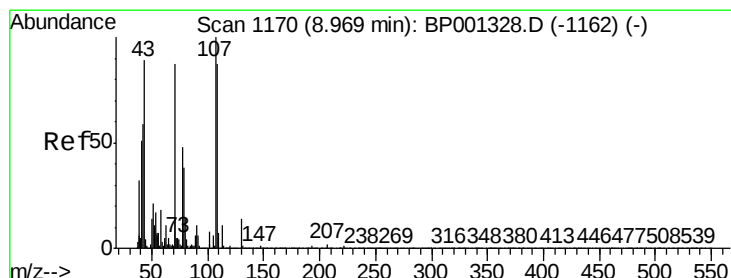
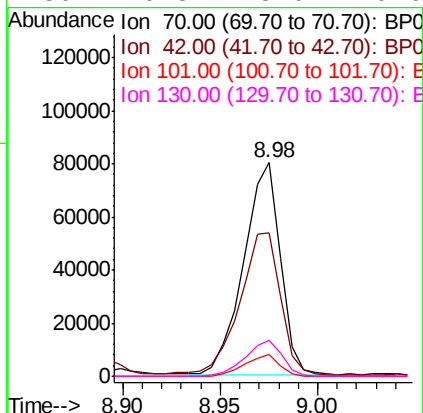




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.302 ng  
RT: 8.98 min Scan# 1171  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

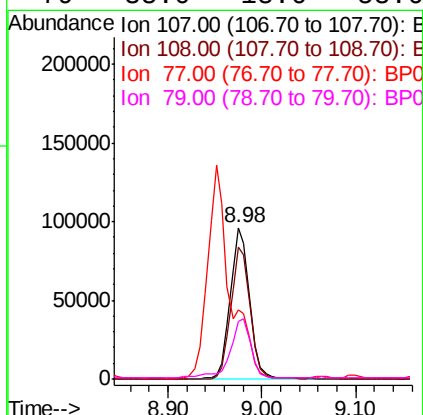
Instrument :  
BNA\_P  
ClientSampleId :

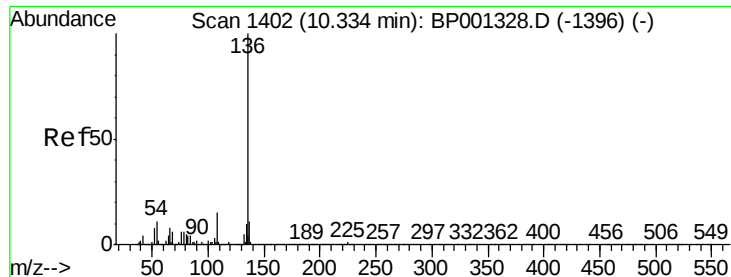
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 104942 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 67.4  | 54.1  | 81.1   |
| 101      | 10.2  | 7.0   | 10.4   |
| 130      | 16.8  | 13.0  | 19.6   |



#20  
3+4-Methylphenols  
Concen: 41.958 ng  
RT: 8.98 min Scan# 1171  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 135675 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.1  | 67.2  | 107.2  |
| 77       | 45.4  | 28.0  | 68.0   |
| 79       | 38.0  | 18.6  | 58.6   |

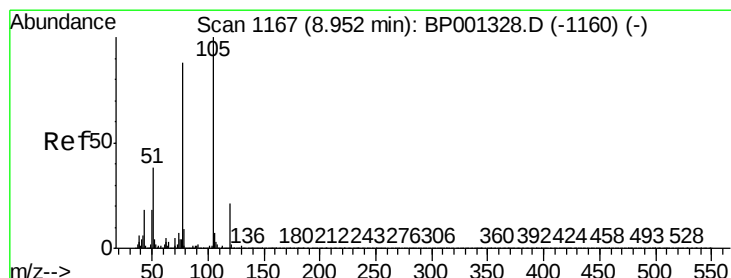
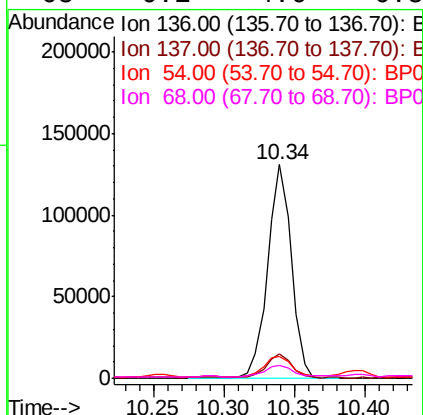
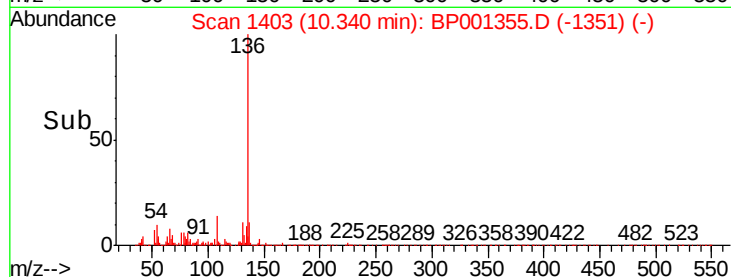
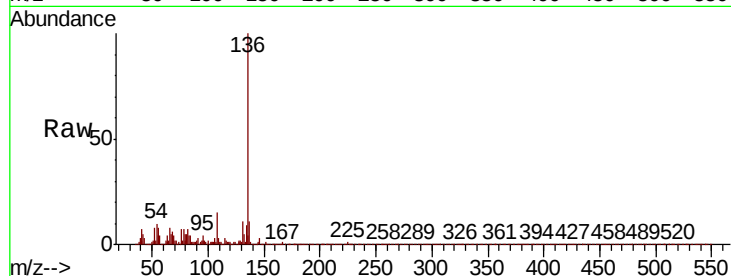




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.34 min Scan# 1403  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

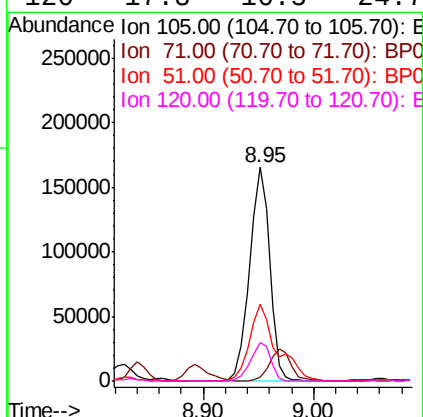
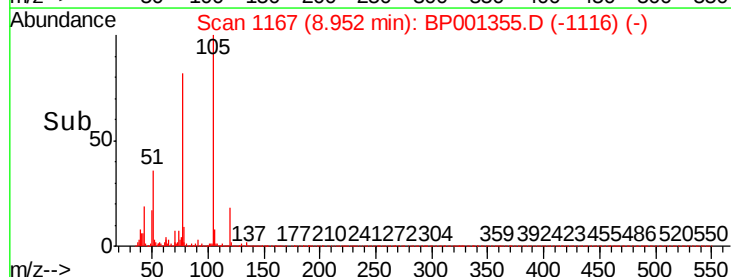
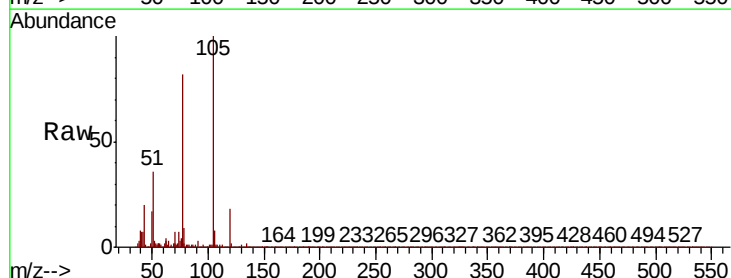
Instrument :  
BNA\_P  
ClientSampleId :

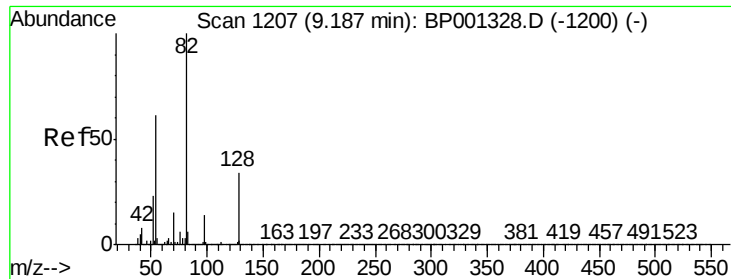
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 154467 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.3    | 8.8   | 13.2   |
| 54 10.1     | 8.8   | 13.2   |
| 68 6.1      | 4.6   | 6.8    |



#22  
Acetophenone  
Concen: 43.571 ng  
RT: 8.95 min Scan# 1167  
Delta R.T. 0.00 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:105 | Resp: | 212832 |
| Ion Ratio   | Lower | Upper  |
| 105 100     |       |        |
| 71 1.8      | 0.8   | 1.2#   |
| 51 36.3     | 30.6  | 45.8   |
| 120 17.8    | 16.5  | 24.7   |

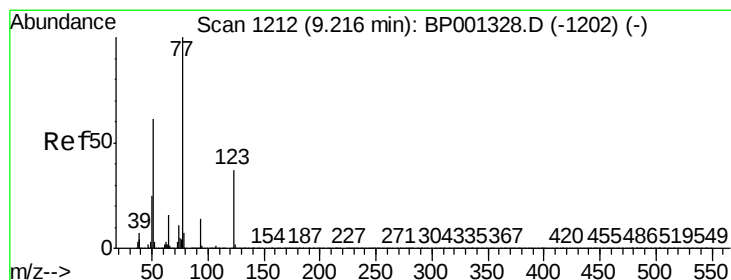
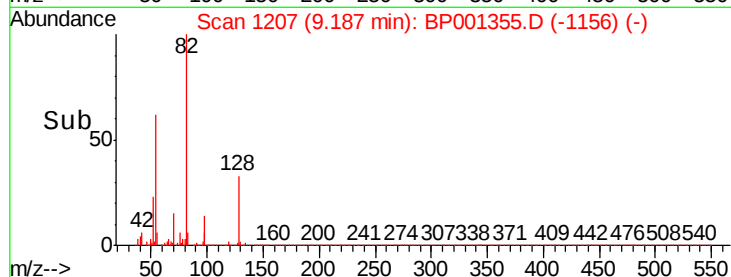
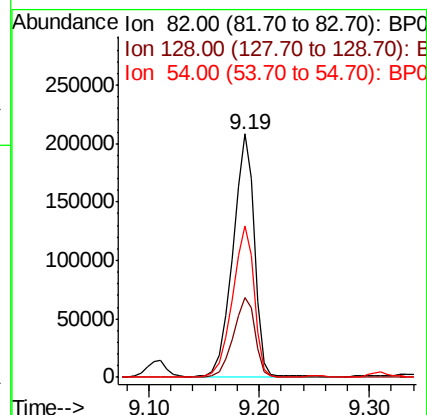
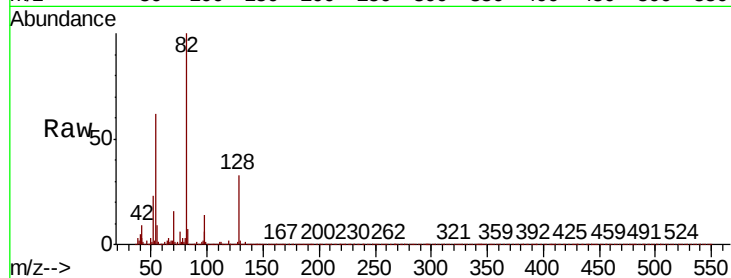




#23  
 Nitrobenzene-d5  
 Concen: 70.416 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. 0.00 min  
 Lab File: BP001355.D  
 Acq: 20 Dec 2019 21:13

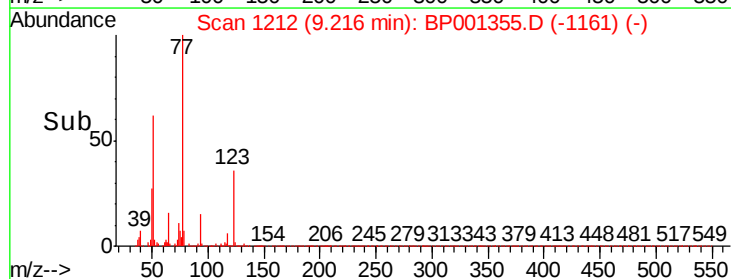
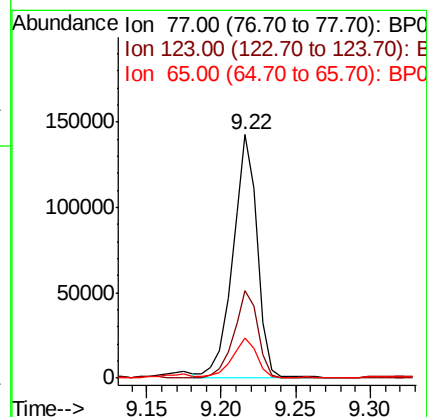
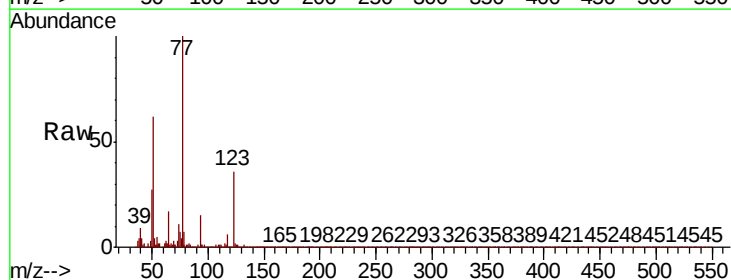
Instrument :  
 BNA\_P  
 ClientSampleId :

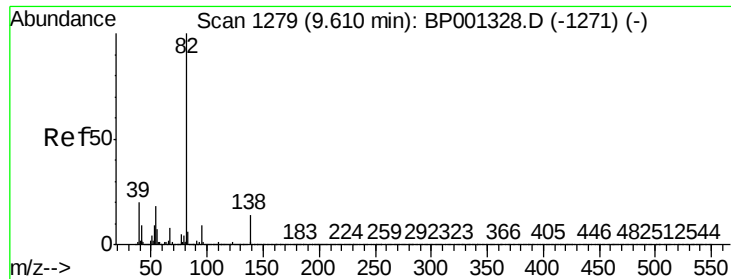
| Tot Ion   | 82   | Resp  | 283244 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 33.0 | 27.0  | 40.4   |
| 54        | 62.1 | 49.0  | 73.4   |



#24  
 Nitrobenzene  
 Concen: 41.011 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. 0.00 min  
 Lab File: BP001355.D  
 Acq: 20 Dec 2019 21:13

| Tgt Ion   | 77   | Resp  | 162364 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 36.0 | 29.4  | 44.0   |
| 65        | 16.5 | 12.4  | 18.6   |





#25

Isophorone

Concen: 41.760 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

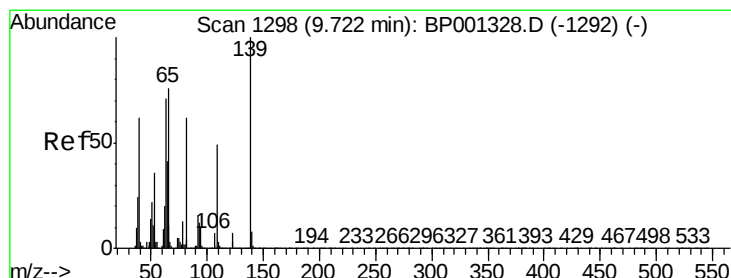
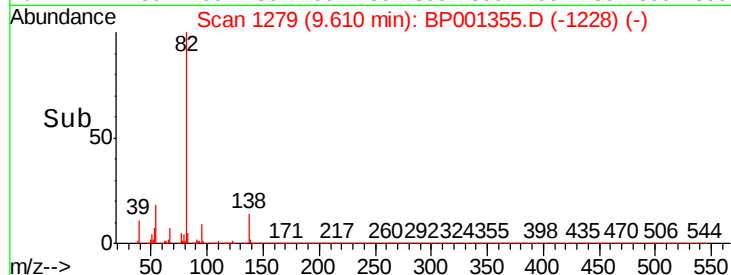
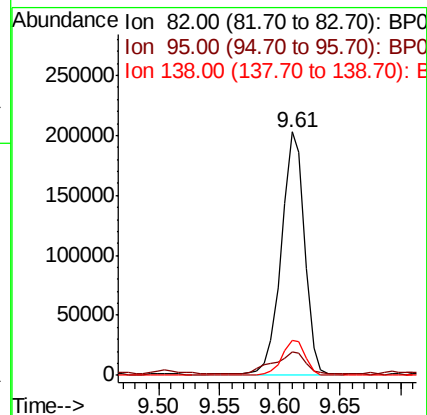
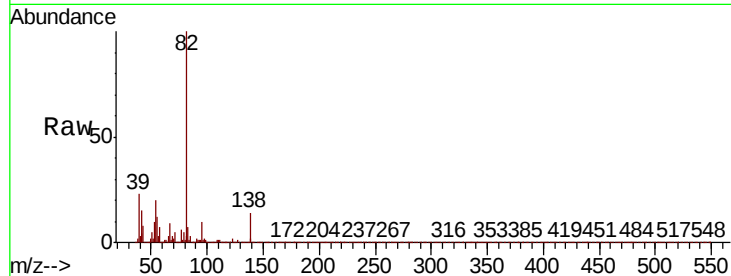
Tot Ion: 82 Resp: 270095

Ion Ratio Lower Upper

82 100

95 9.8 7.3 10.9

138 14.4 11.5 17.3



#26

2-Nitrophenol

Concen: 42.530 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

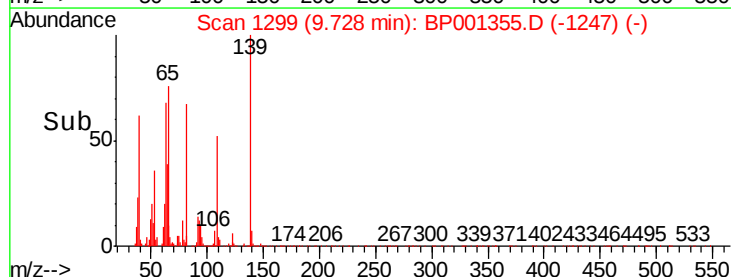
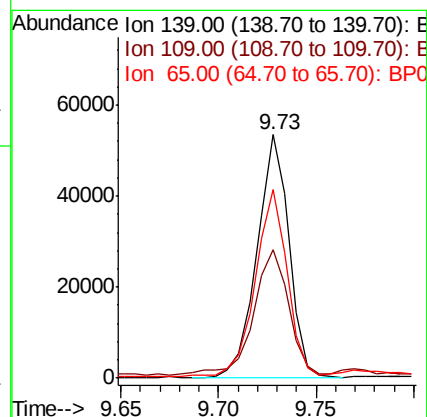
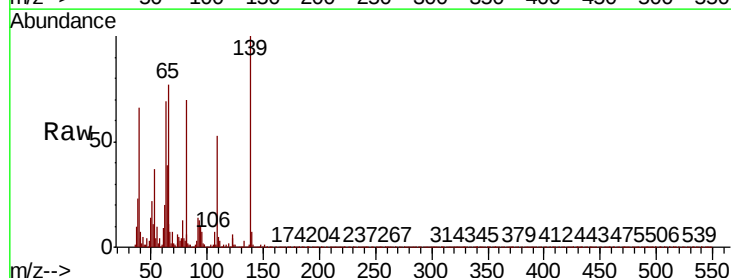
Tgt Ion: 139 Resp: 60041

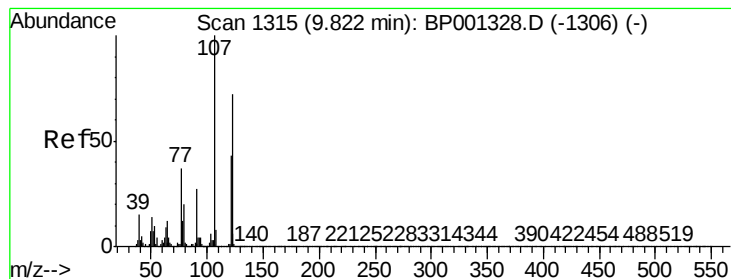
Ion Ratio Lower Upper

139 100

109 52.8 39.1 58.7

65 77.3 61.2 91.8





#27

2,4-Dimethylphenol

Concen: 48.221 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

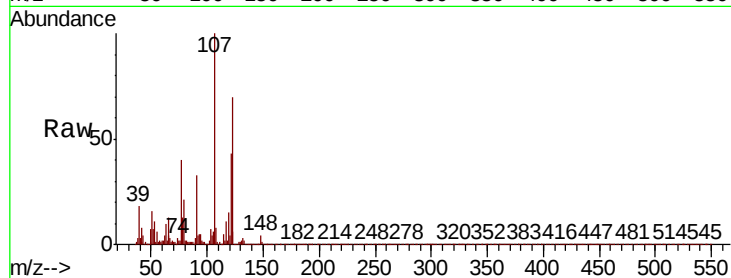
Tot Ion:122 Resp: 100122

Ion Ratio Lower Upper

122 100

107 143.6 111.9 167.9

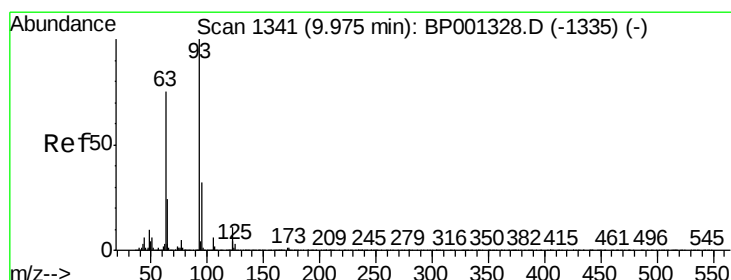
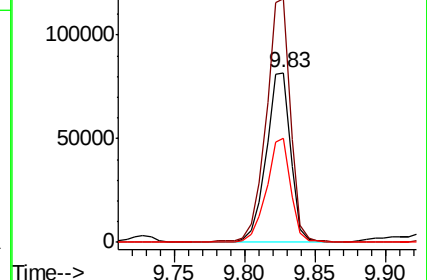
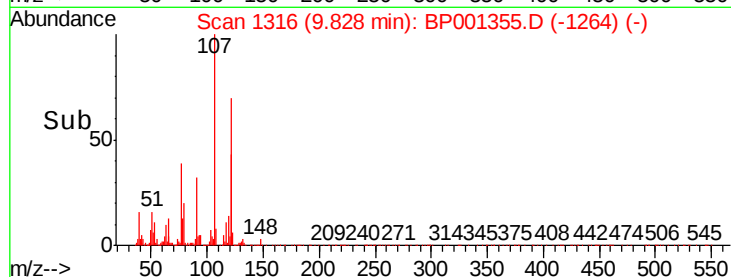
121 61.6 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.109 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

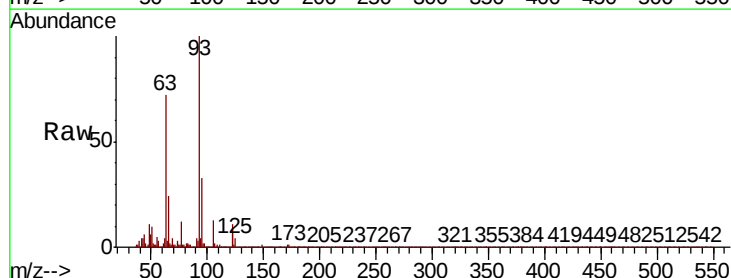
Tgt Ion: 93 Resp: 147213

Ion Ratio Lower Upper

93 100

95 32.8 25.4 38.0

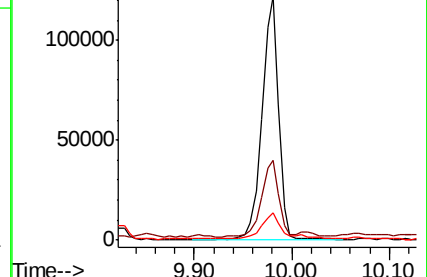
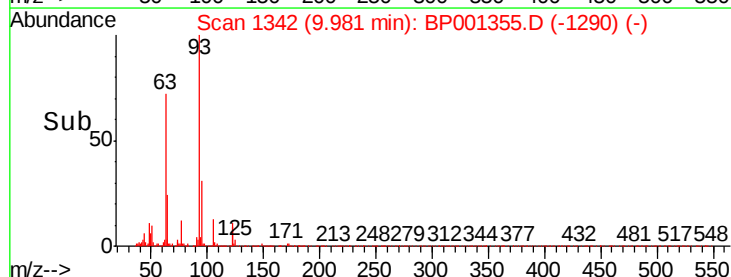
123 11.1 8.8 13.2

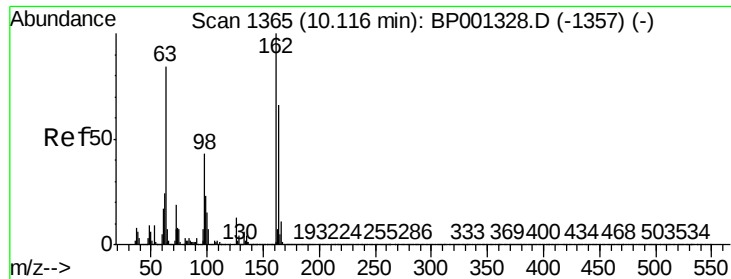


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

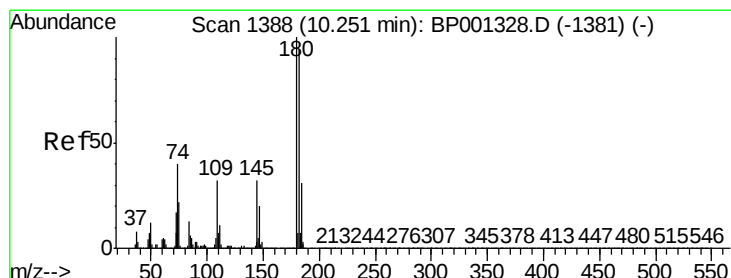
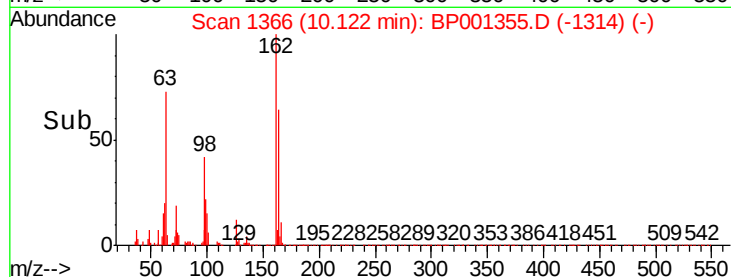
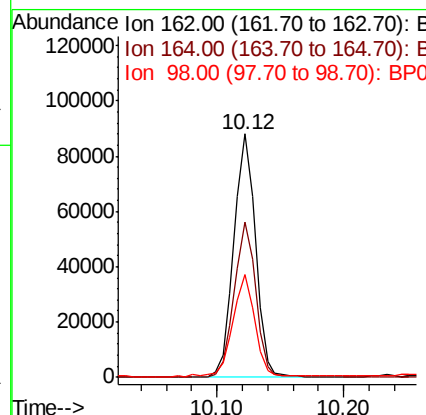
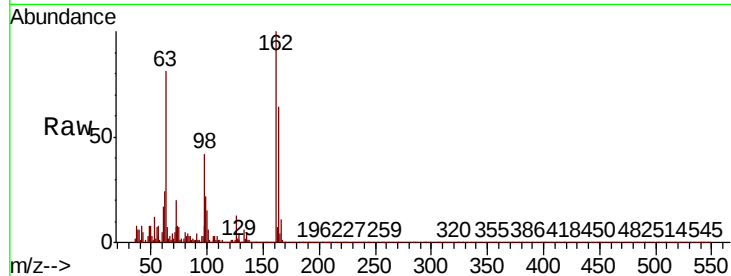




#29  
2,4-Dichlorophenol  
Concen: 40.540 ng  
RT: 10.12 min Scan# 1366  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

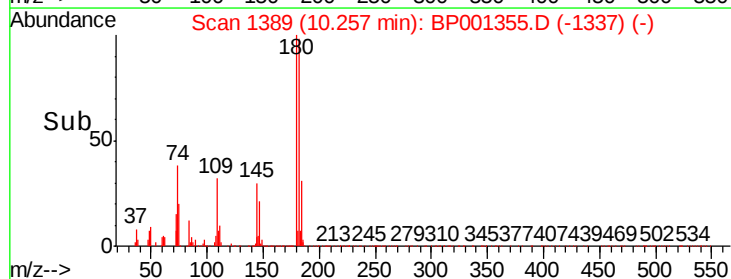
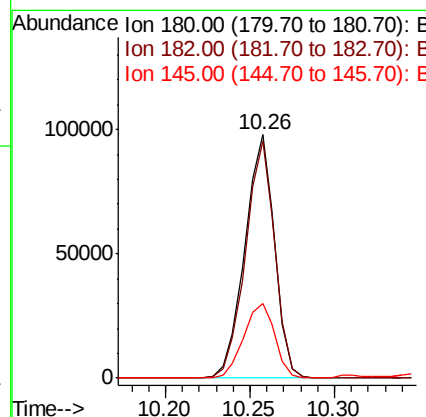
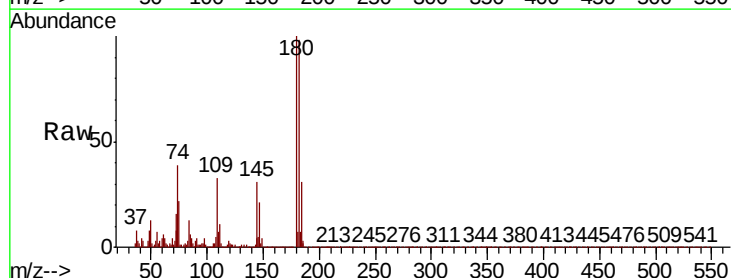
Instrument :  
BNA\_P  
ClientSampled :

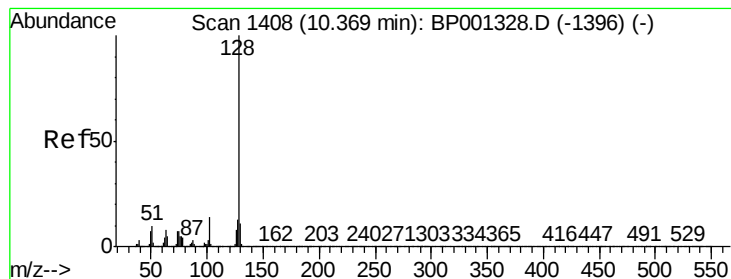
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.9  | 45.9  | 85.9  |
| 98      | 42.3  | 23.2  | 63.2  |



#30  
1,2,4-Trichlorobenzene  
Concen: 37.777 ng  
RT: 10.26 min Scan# 1389  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.6  | 75.0  | 112.6 |
| 145     | 30.6  | 25.8  | 38.8  |





#31

Naphthalene

Concen: 40.441 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BP001355.D

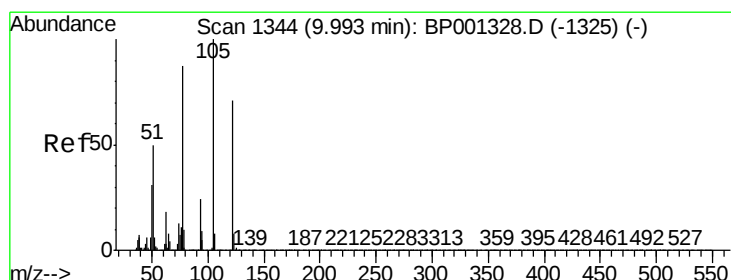
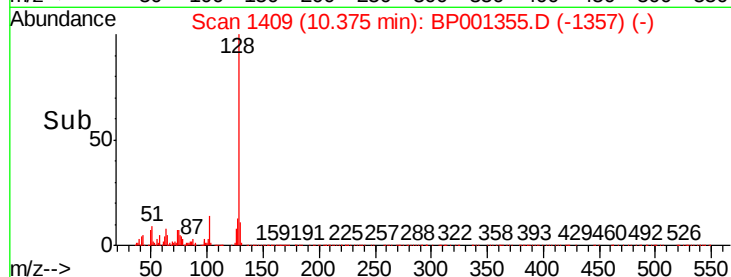
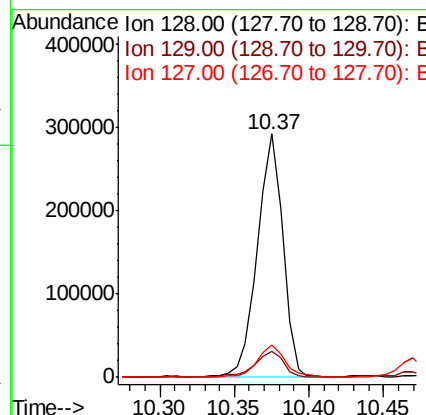
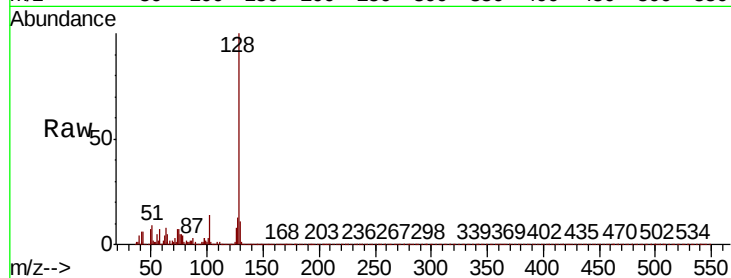
Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:128 | Resp: | 340992    |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 10.7  | 8.9 13.3  |
| 127         | 13.4  | 10.7 16.1 |



#32

Benzoic acid

Concen: 40.579 ng

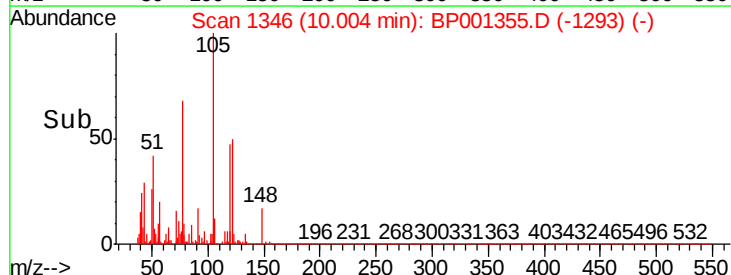
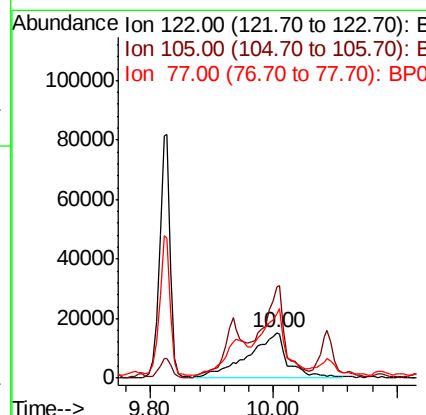
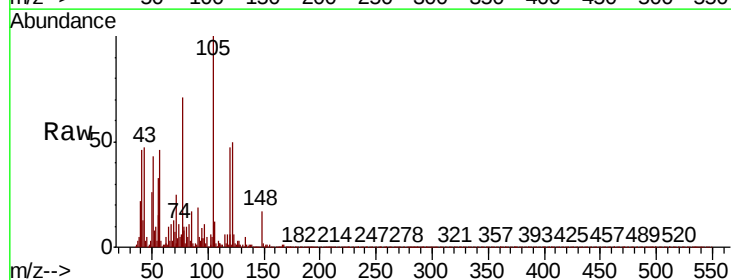
RT: 10.00 min Scan# 1346

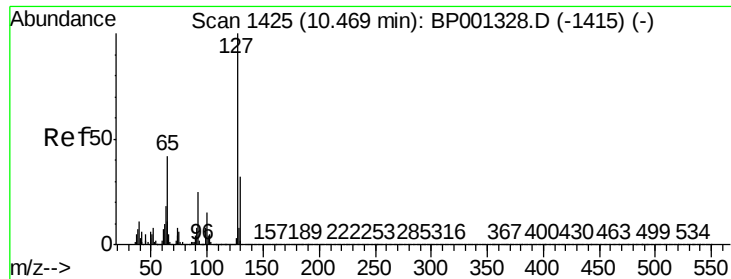
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

|             |       |              |
|-------------|-------|--------------|
| Tgt Ion:122 | Resp: | 66667        |
| Ion Ratio   | Lower | Upper        |
| 122         | 100   |              |
| 105         | 199.4 | 118.5 158.5# |
| 77          | 141.1 | 101.3 141.3  |

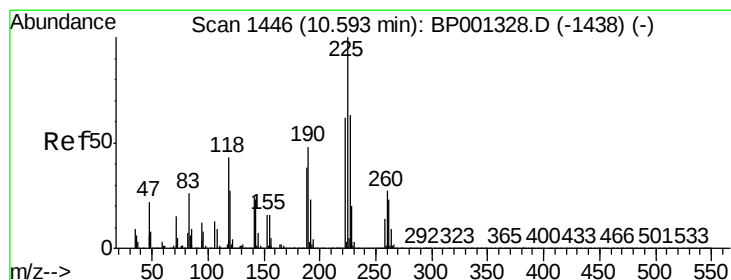
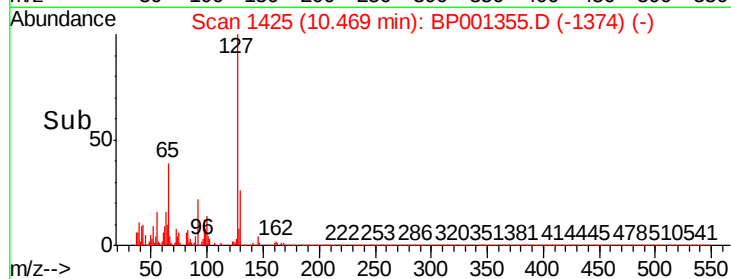
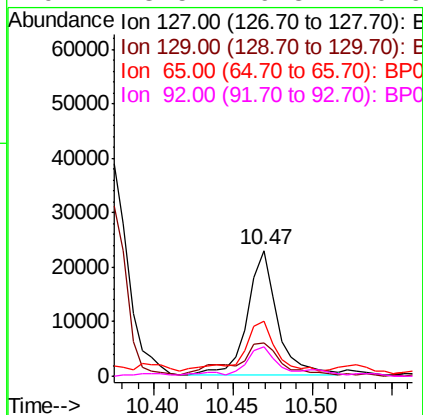
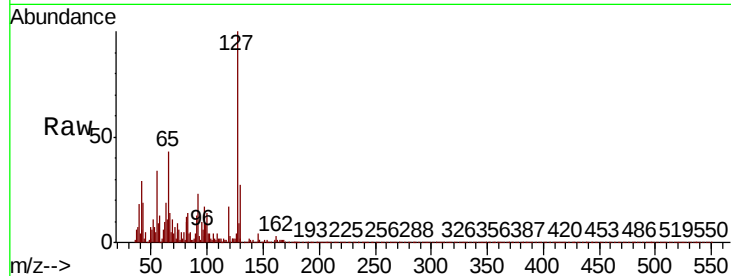




#33  
4-Chloroaniline  
Concen: 8.630 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. 0.00 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

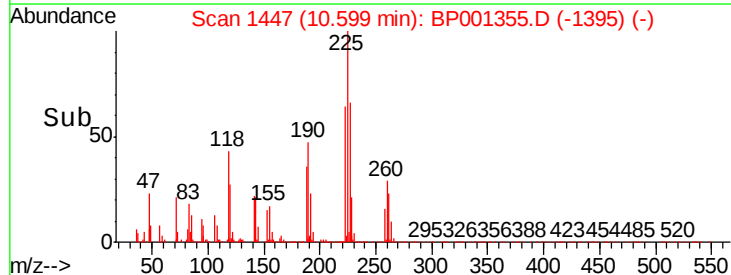
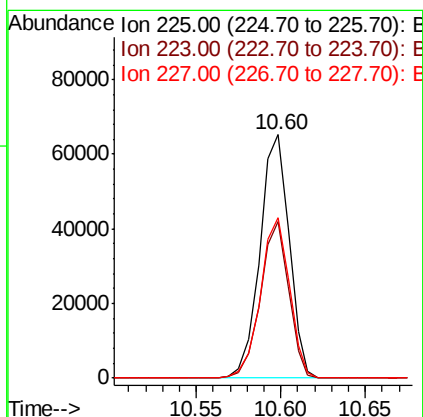
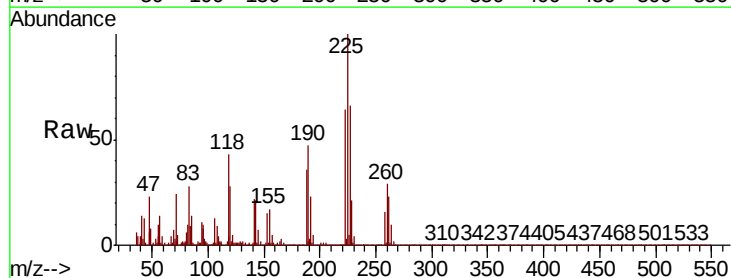
Instrument :  
BNA\_P  
ClientSampleId :

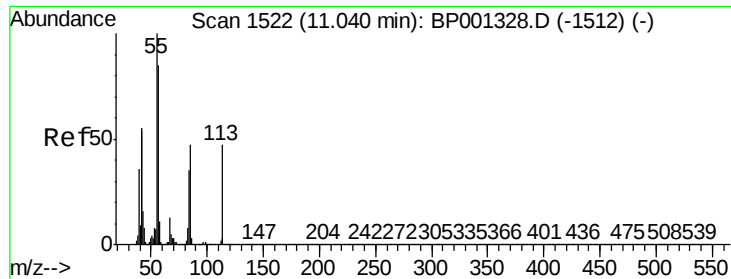
| Tot Ion: | 127   | Resp: | 29760 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 26.6  | 25.2  | 37.8  |
| 65       | 43.4  | 33.6  | 50.4  |
| 92       | 23.5  | 19.8  | 29.6  |



#34  
Hexachlorobutadiene  
Concen: 35.566 ng  
RT: 10.60 min Scan# 1447  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

| Tgt Ion: | 225   | Resp: | 78448 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 64.2  | 49.2  | 73.8  |
| 227      | 66.0  | 50.3  | 75.5  |

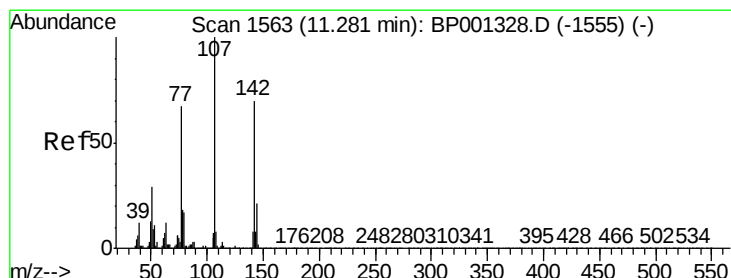
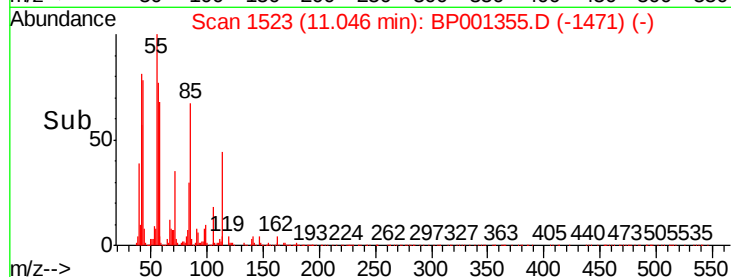
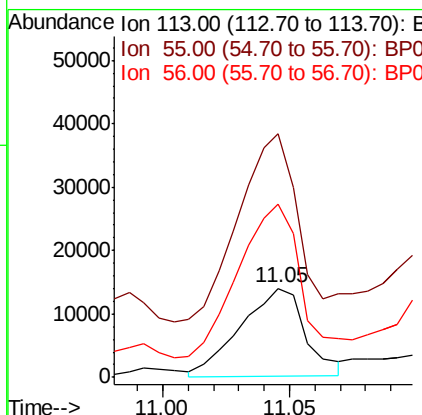
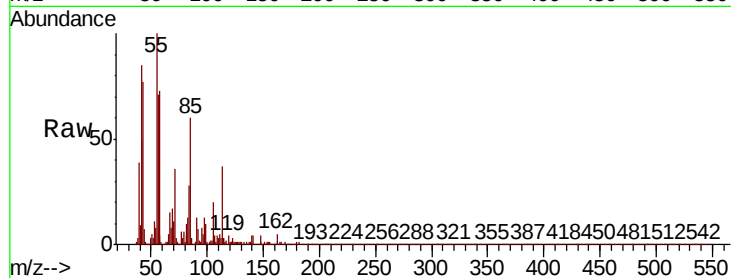




#35  
Caprolactam  
Concen: 32.447 ng  
RT: 11.05 min Scan# 1523  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

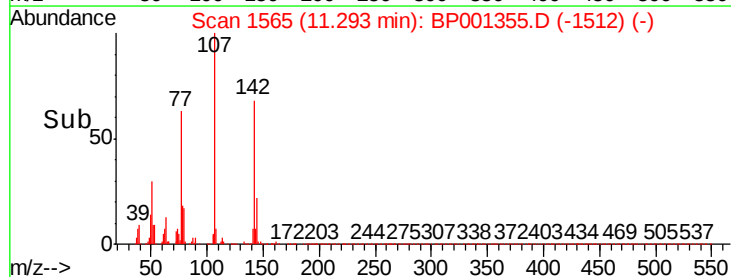
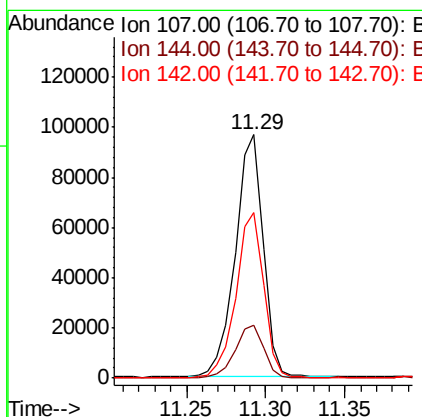
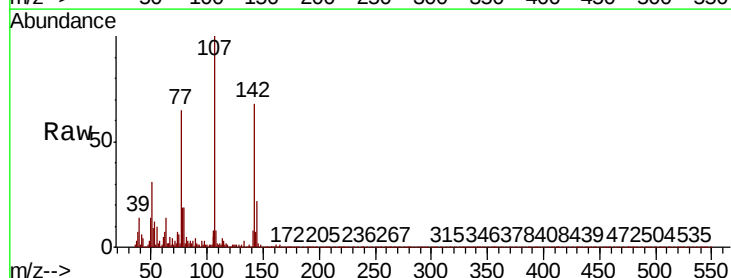
Instrument :  
BNA\_P  
ClientSampleId :

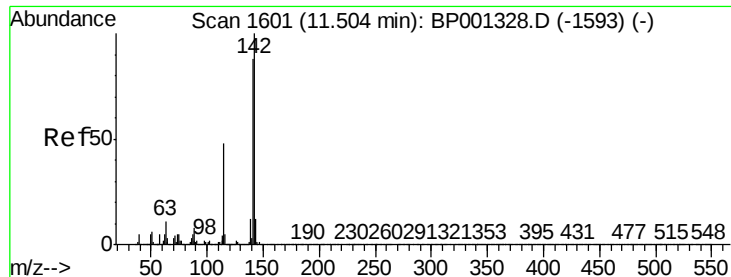
Tot Ion:113 Resp: 24822  
Ion Ratio Lower Upper  
113 100  
55 272.7 191.5 231.5#  
56 194.7 160.5 200.5



#36  
4-Chloro-3-methylphenol  
Concen: 39.071 ng  
RT: 11.29 min Scan# 1565  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

Tgt Ion:107 Resp: 117386  
Ion Ratio Lower Upper  
107 100  
144 21.7 16.9 25.3  
142 67.8 55.9 83.9

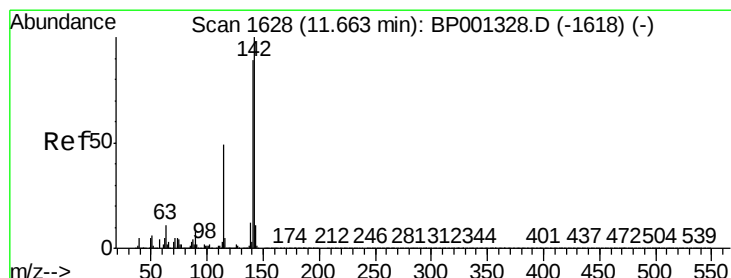
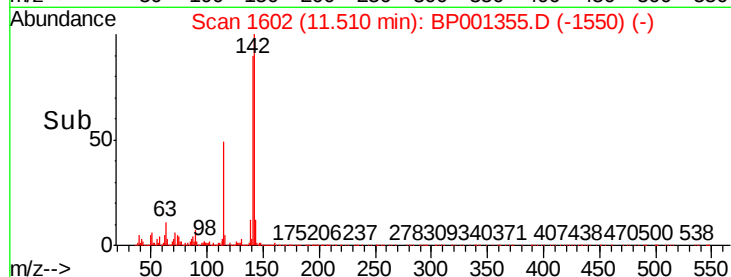
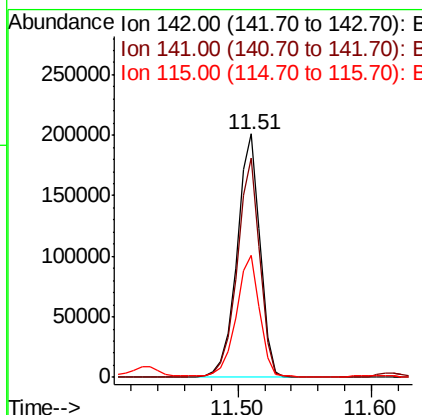
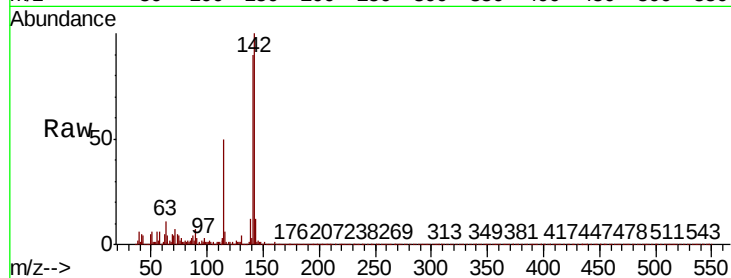




#37  
2-Methylnaphthalene  
Concen: 41.208 ng  
RT: 11.51 min Scan# 1602  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

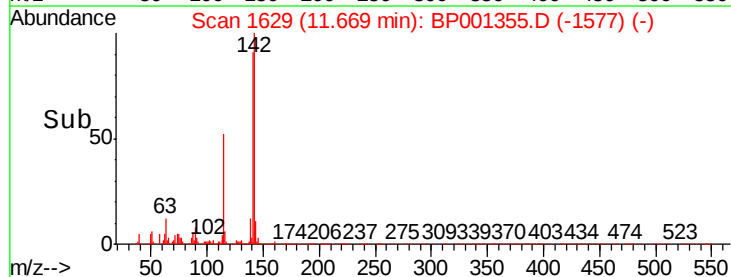
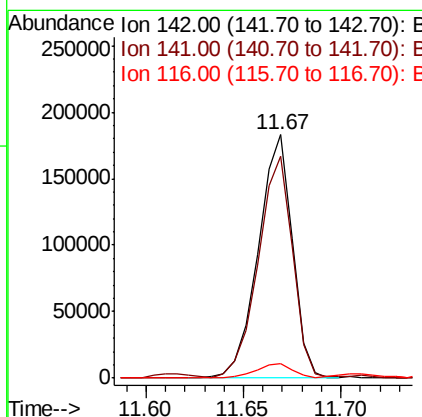
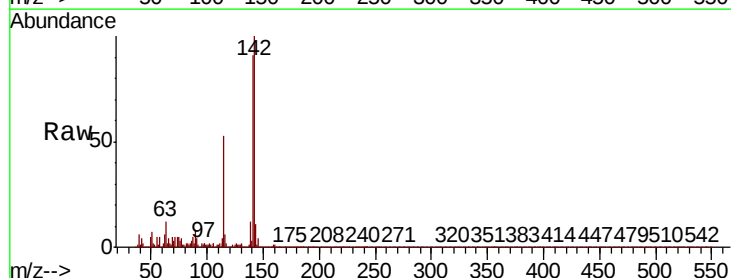
Instrument :  
BNA\_P  
ClientSampleId :

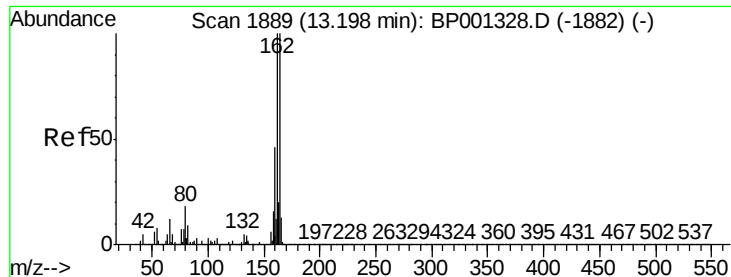
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.0  | 70.2  | 105.4 |
| 115     | 50.1  | 38.7  | 58.1  |



#38  
1-Methylnaphthalene  
Concen: 40.313 ng  
RT: 11.67 min Scan# 1629  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.1  | 71.3  | 106.9 |
| 116     | 5.9   | 4.2   | 6.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

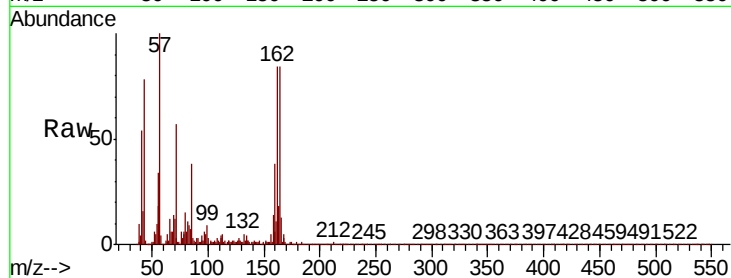
Tot Ion:164 Resp: 86431

Ion Ratio Lower Upper

164 100

162 99.0 80.3 120.5

160 44.5 36.6 54.8

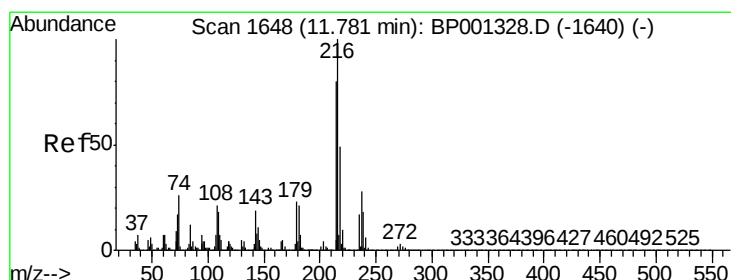
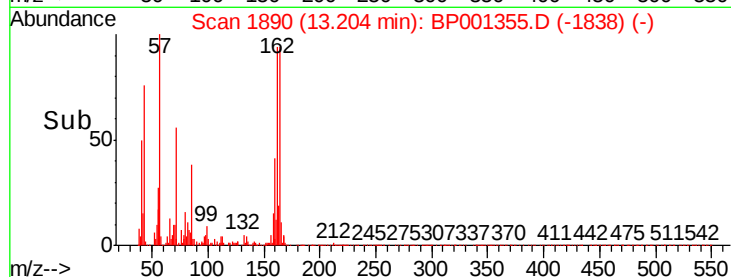
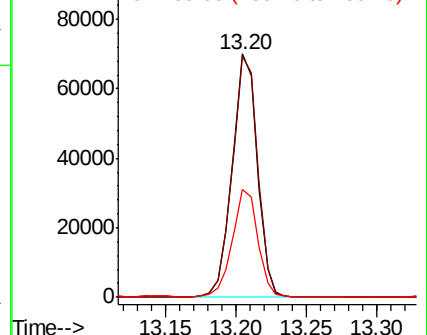


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.308 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion:216 Resp: 122423

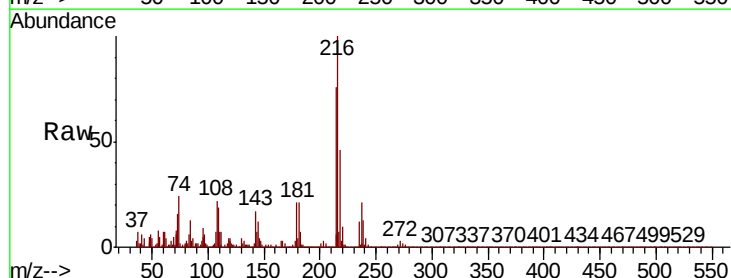
Ion Ratio Lower Upper

216 100

214 78.2 62.6 94.0

179 22.5 18.1 27.1

108 24.0 18.2 27.2



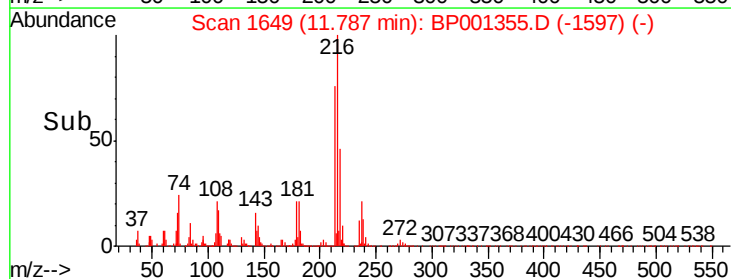
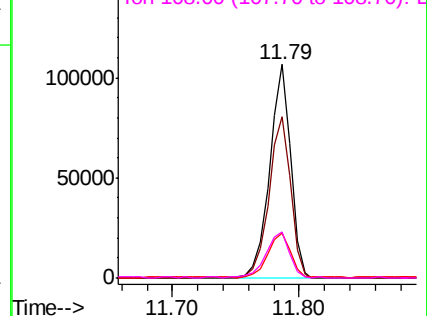
Abundance

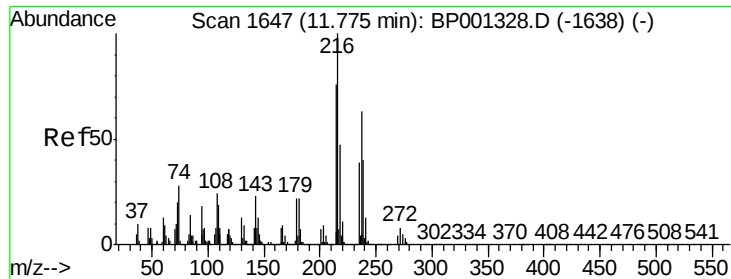
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

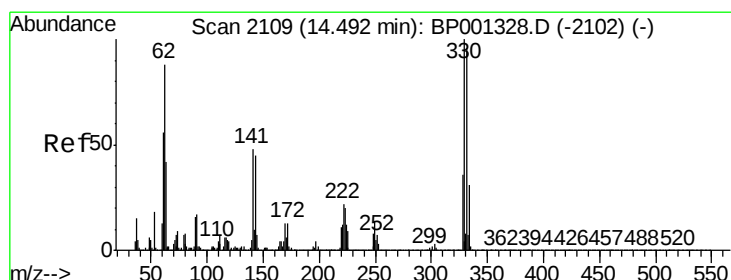
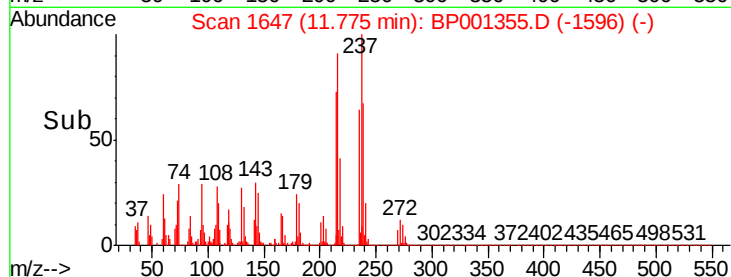
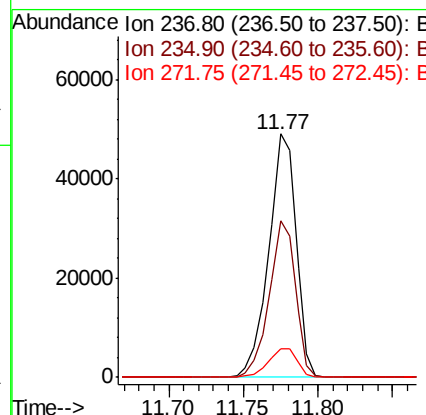
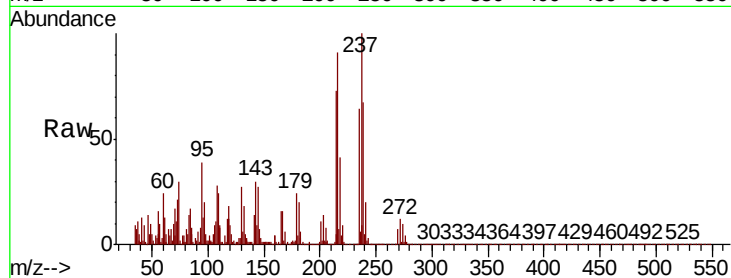




#41  
Hexachlorocyclopentadiene  
Concen: 39.354 ng  
RT: 11.77 min Scan# 1647  
Delta R.T. 0.00 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

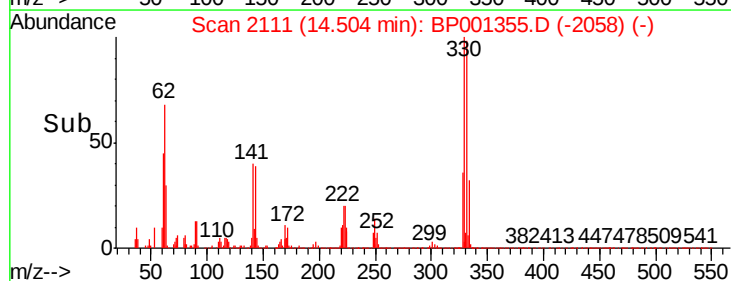
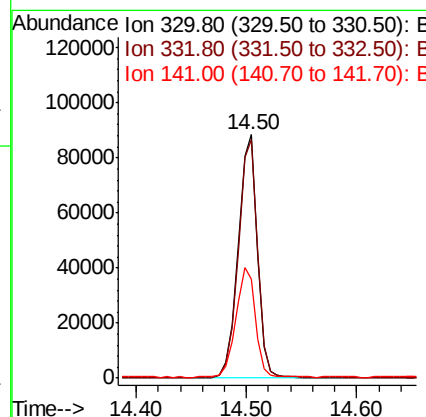
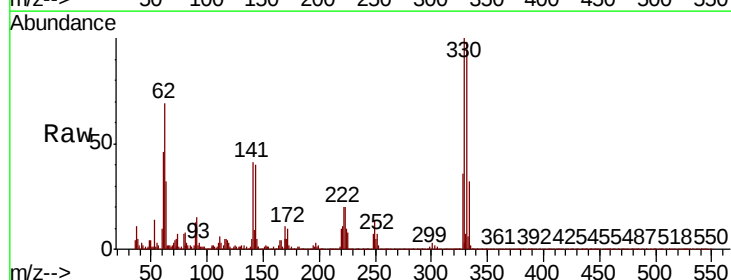
Instrument :  
BNA\_P  
ClientSampleId :

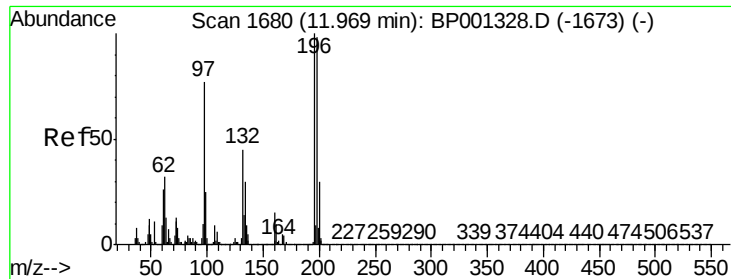
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 64.5  | 41.9  | 81.9  |
| 272     | 11.7  | 0.0   | 32.0  |



#42  
2,4,6-Tribromophenol  
Concen: 100.327 ng  
RT: 14.50 min Scan# 2111  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.2  | 78.7  | 118.1 |
| 141     | 46.6  | 36.2  | 54.4  |

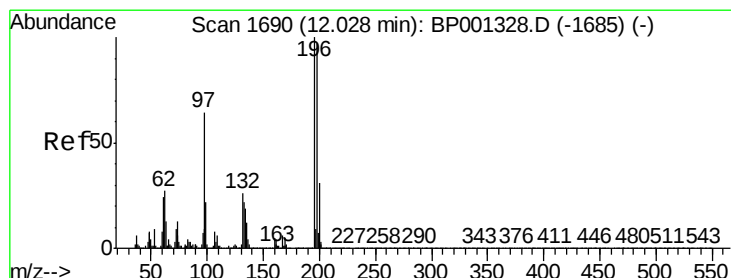
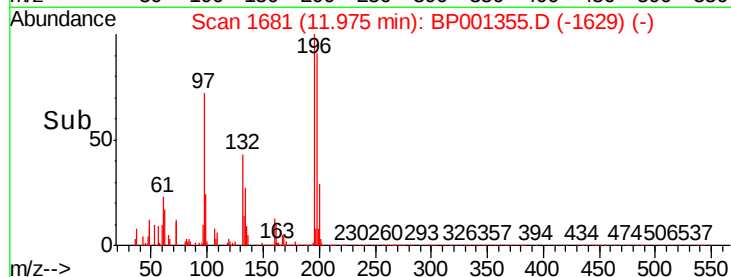
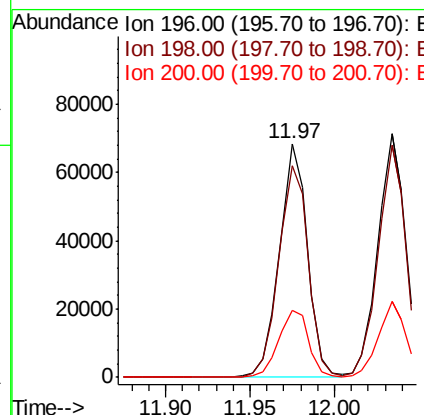
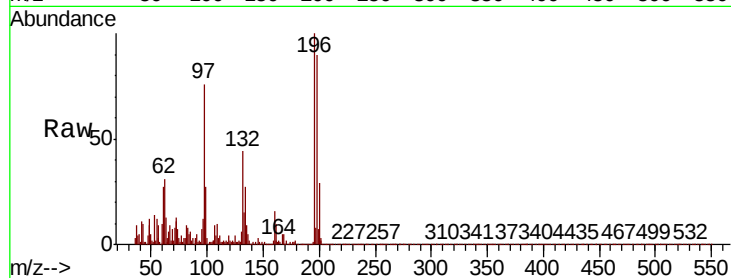




#43  
2,4,6-Trichlorophenol  
Concen: 40.144 ng  
RT: 11.97 min Scan# 1681  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

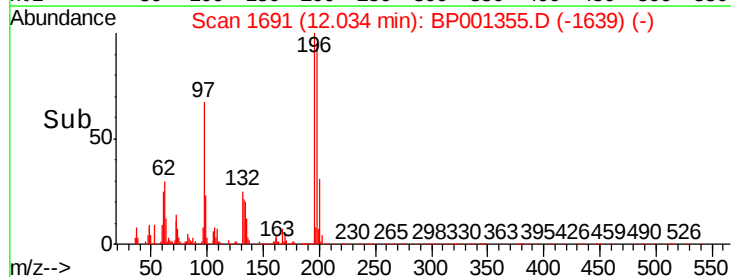
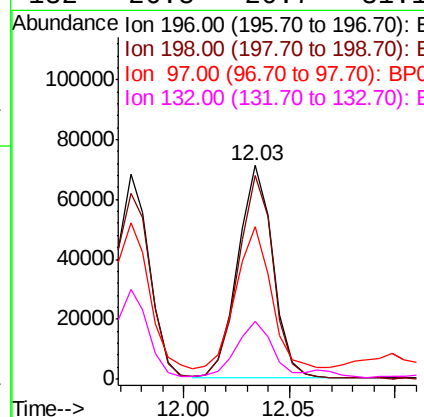
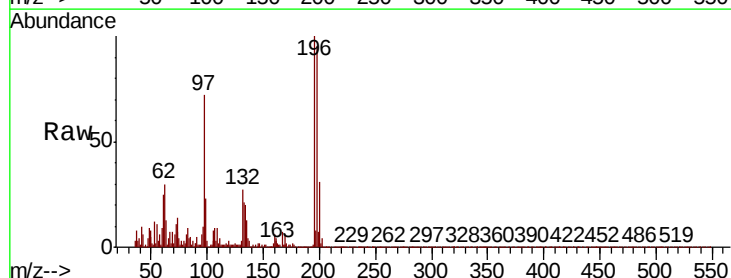
Instrument :  
BNA\_P  
ClientSampleId :

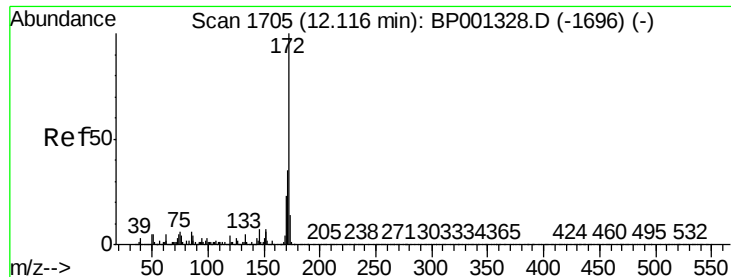
Tot Ion:196 Resp: 78899  
Ion Ratio Lower Upper  
196 100  
198 90.4 78.6 118.0  
200 28.7 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 40.525 ng  
RT: 12.03 min Scan# 1691  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

Tgt Ion:196 Resp: 81835  
Ion Ratio Lower Upper  
196 100  
198 95.4 77.7 116.5  
97 71.5 50.7 76.1  
132 26.8 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 63.010 ng

RT: 12.12 min Scan# 1706

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

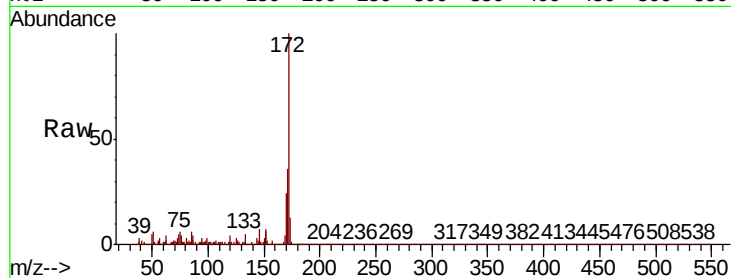
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:172 Resp: 430690

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.2  | 27.7  | 41.5  |
| 170 | 23.9  | 18.6  | 28.0  |

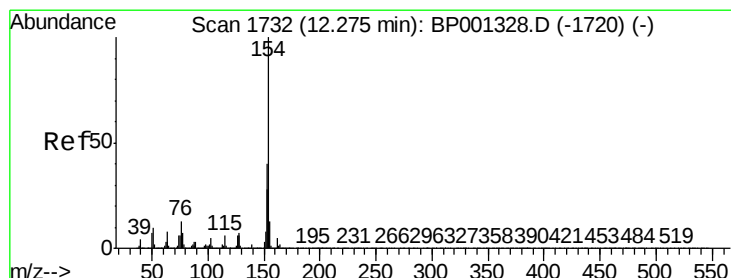
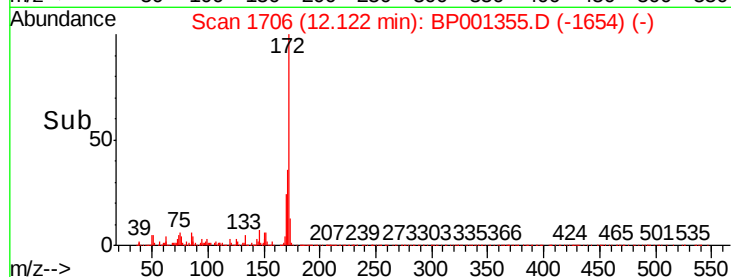
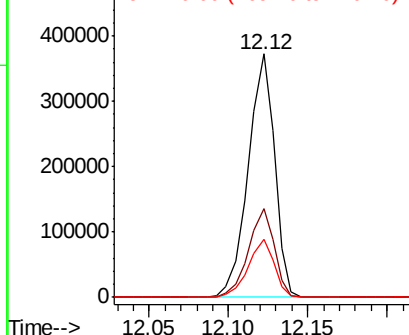


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.979 ng

RT: 12.28 min Scan# 1733

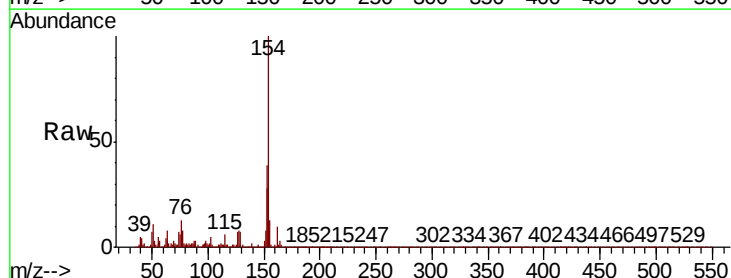
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion:154 Resp: 281924

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 39.1  | 20.2  | 60.2  |
| 76  | 13.1  | 0.0   | 33.1  |

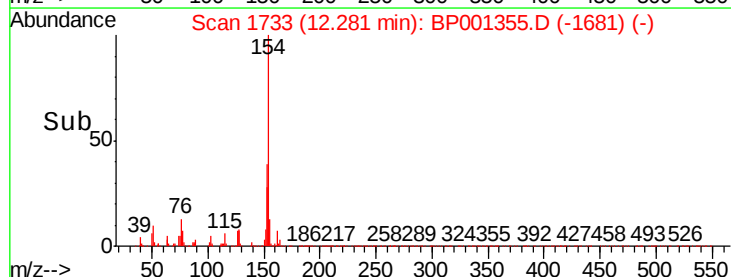
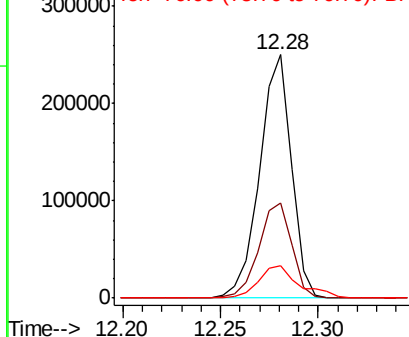


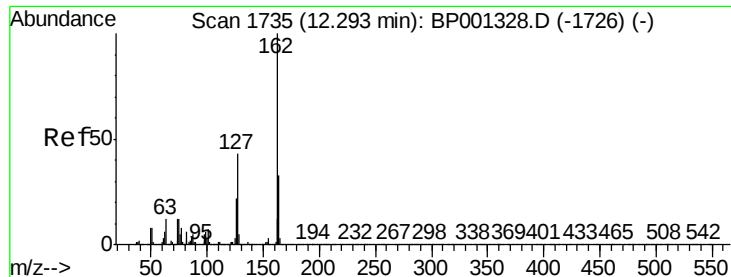
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BP0

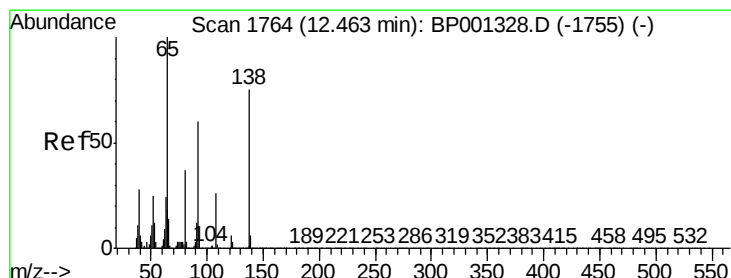
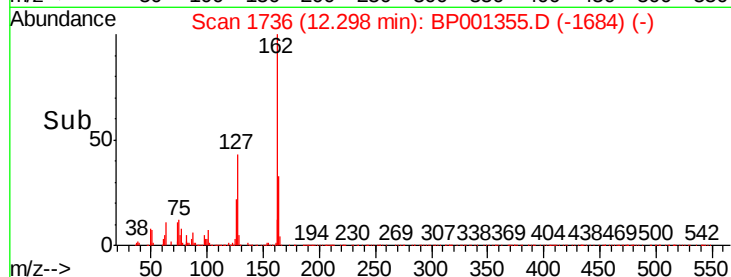
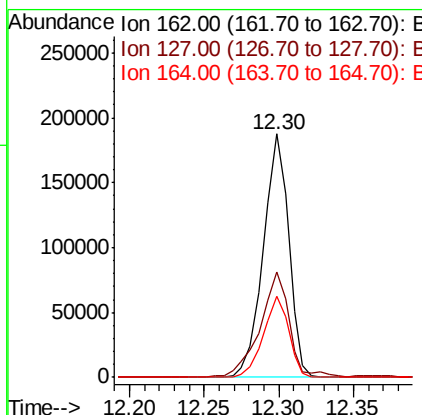
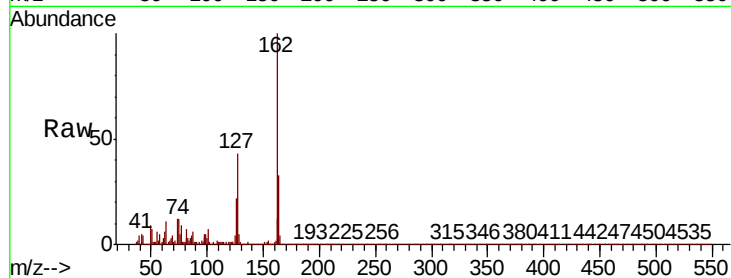




#47  
2-Chloronaphthalene  
Concen: 37.669 ng  
RT: 12.30 min Scan# 1736  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

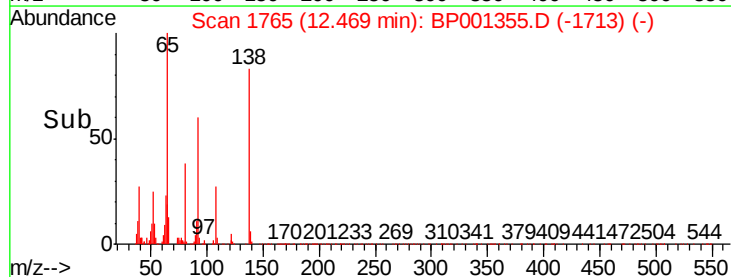
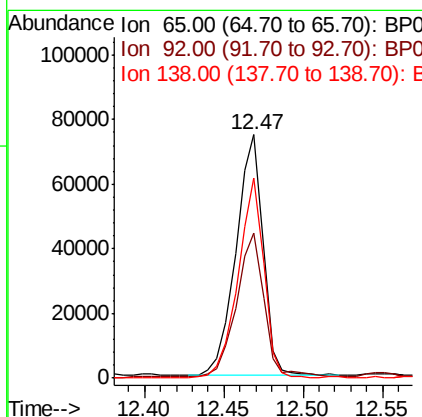
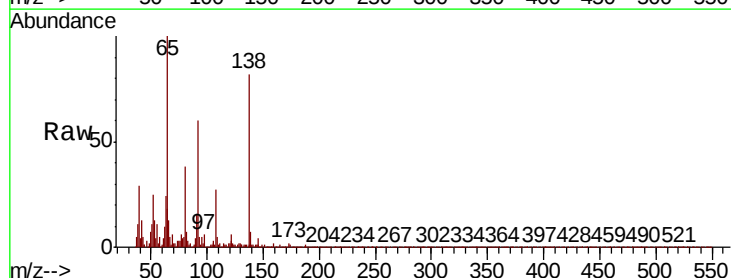
Instrument :  
BNA\_P  
ClientSampleId :

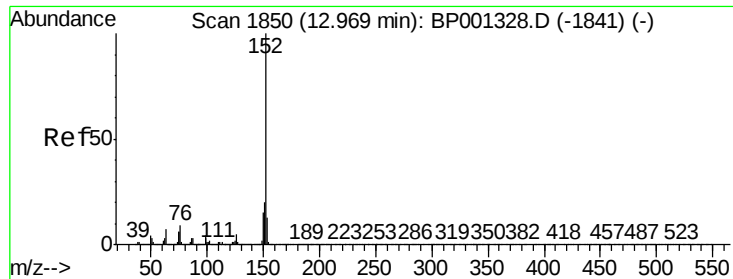
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.3  | 34.2  | 51.4  |
| 164     | 33.1  | 26.4  | 39.6  |



#48  
2-Nitroaniline  
Concen: 37.643 ng  
RT: 12.47 min Scan# 1765  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 59.6  | 48.3  | 72.5  |
| 138     | 82.0  | 60.2  | 90.4  |





#49

Acenaphthylene

Concen: 39.634 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

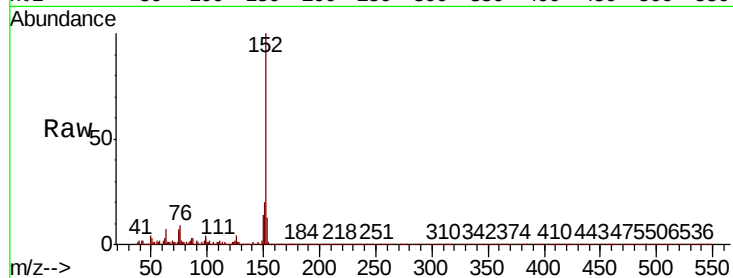
Tot Ion:152 Resp: 338772

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

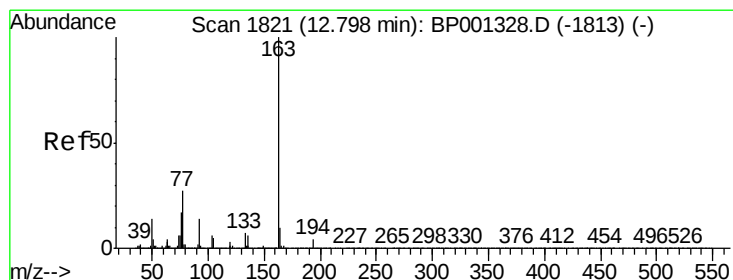
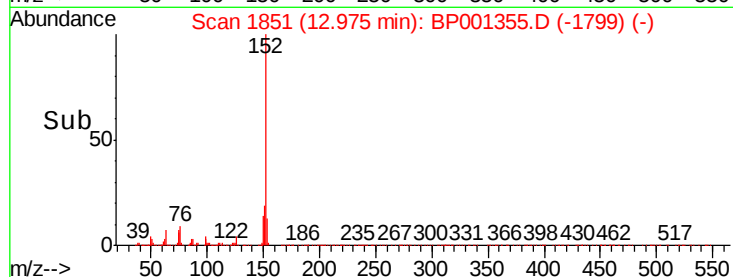
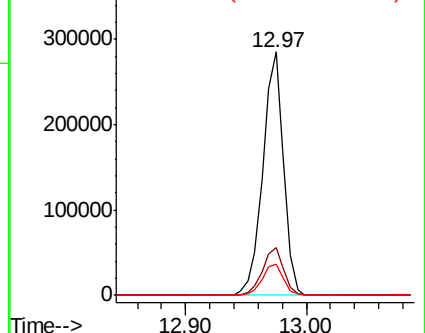
153 12.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.808 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

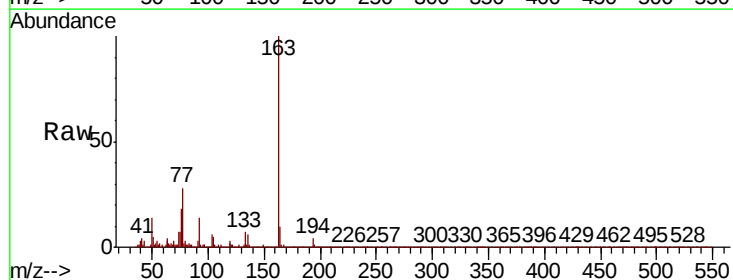
Tgt Ion:163 Resp: 303537

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

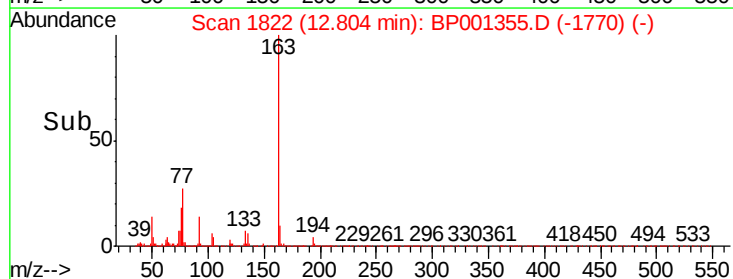
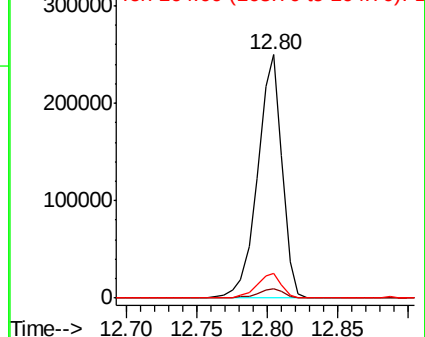
164 10.1 7.9 11.9

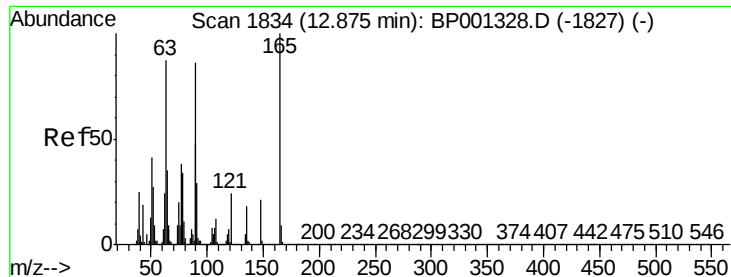


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

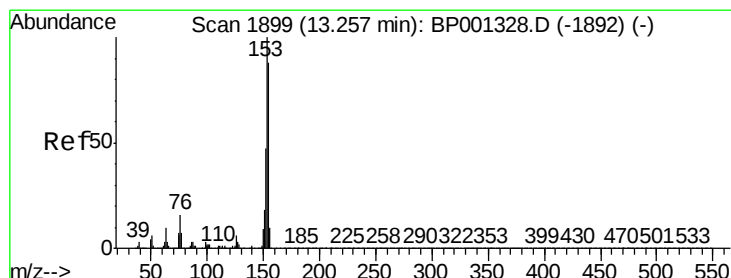
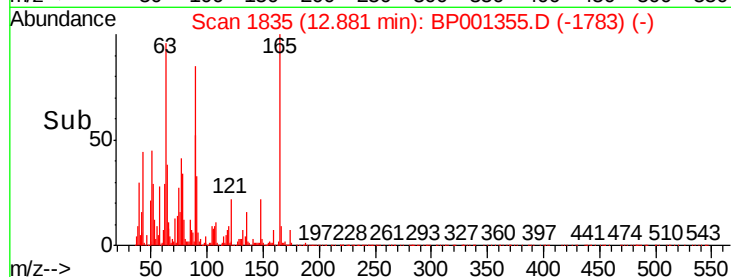
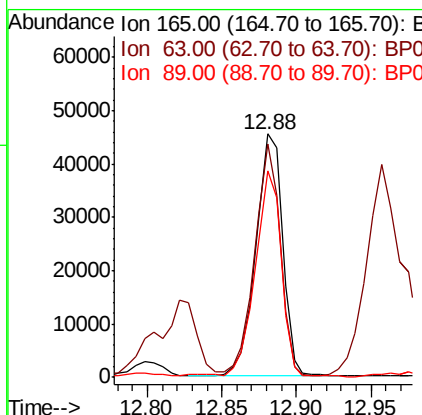
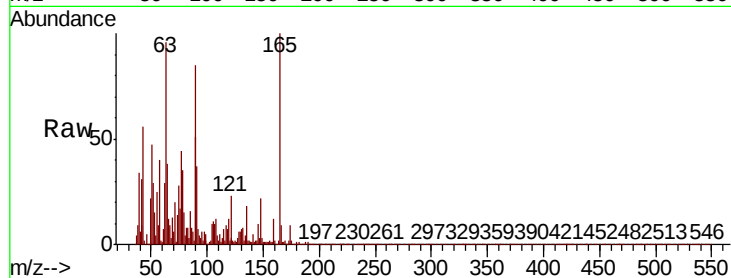




#51  
2,6-Dinitrotoluene  
Concen: 38.728 ng  
RT: 12.88 min Scan# 1835  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

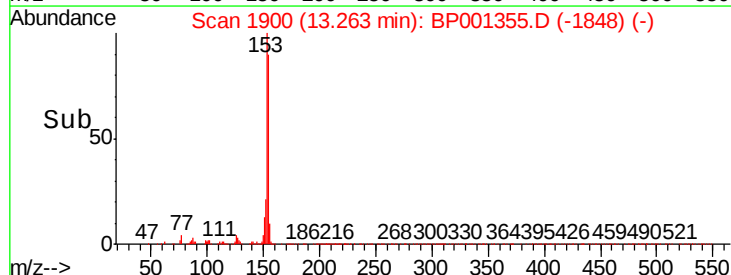
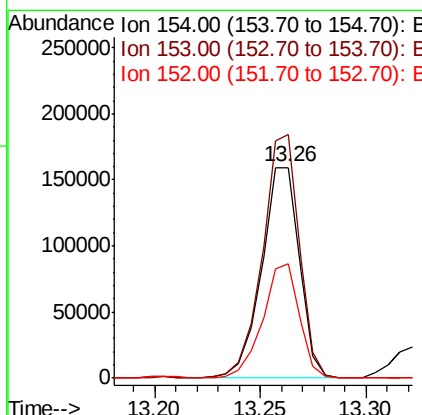
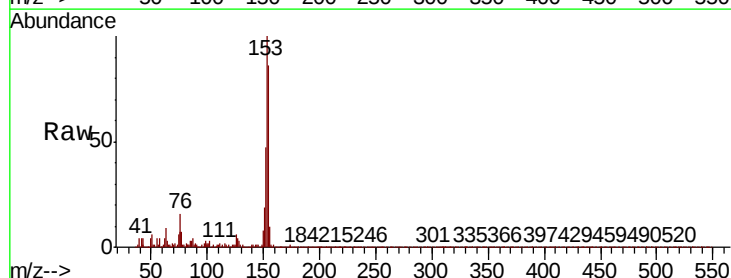
Instrument :  
BNA\_P  
ClientSampleId :

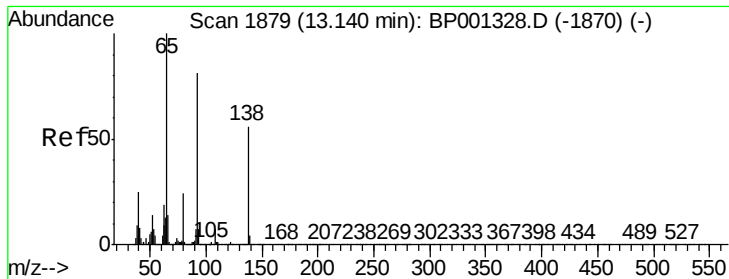
Tot Ion:165 Resp: 55760  
Ion Ratio Lower Upper  
165 100  
63 96.0 71.3 106.9  
89 84.9 68.5 102.7



#52  
Acenaphthene  
Concen: 38.343 ng  
RT: 13.26 min Scan# 1900  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

Tgt Ion:154 Resp: 197461  
Ion Ratio Lower Upper  
154 100  
153 115.7 90.6 135.8  
152 54.3 42.4 63.6

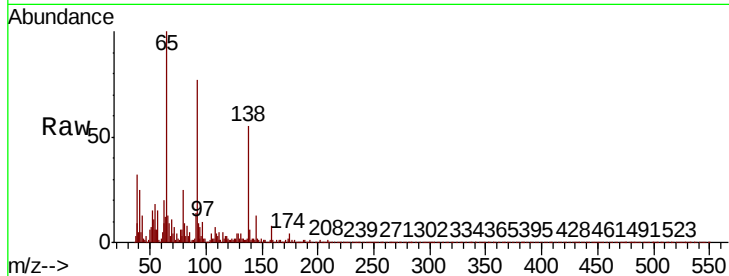




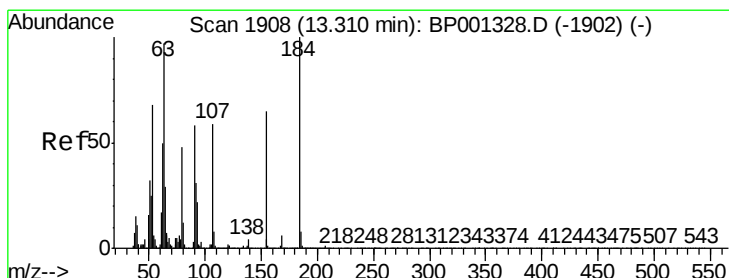
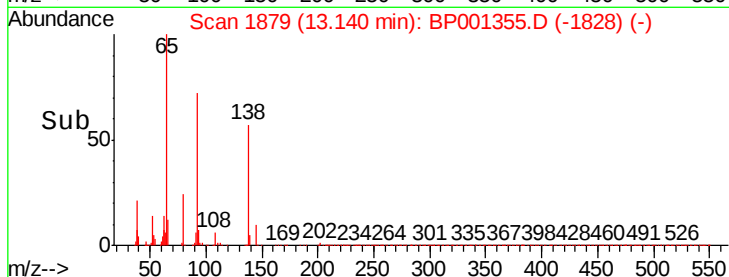
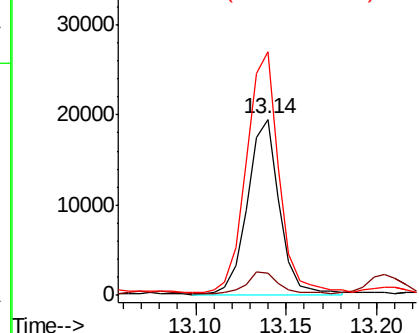
#53  
3-Nitroaniline  
Concen: 15.305 ng  
RT: 13.14 min Scan# 1879  
Delta R.T. 0.00 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:138 Resp: 23652  
Ion Ratio Lower Upper  
138 100  
108 12.2 10.1 15.1  
92 138.1 114.6 172.0

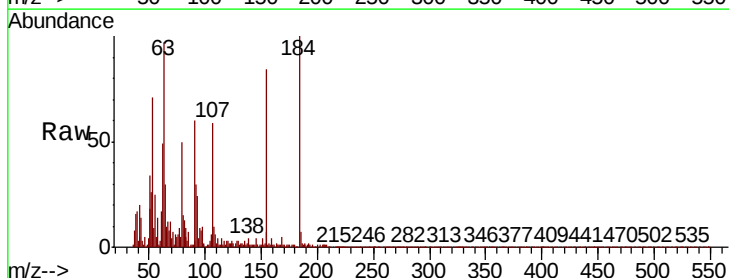


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BP0

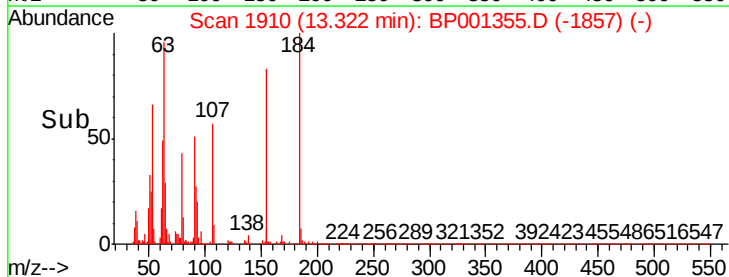
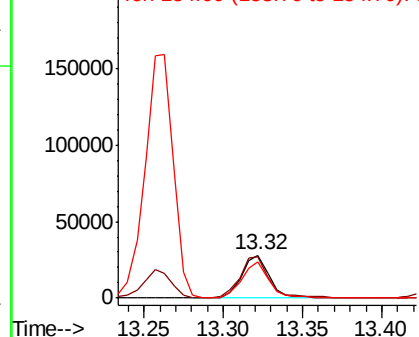


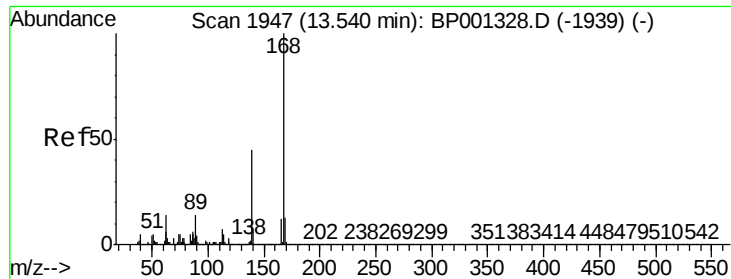
#54  
2,4-Dinitrophenol  
Concen: 61.265 ng  
RT: 13.32 min Scan# 1910  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

Tgt Ion:184 Resp: 34061  
Ion Ratio Lower Upper  
184 100  
63 97.1 78.6 117.8  
154 83.6 62.2 93.2



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

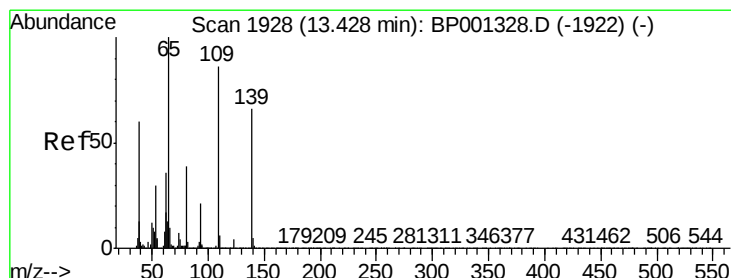
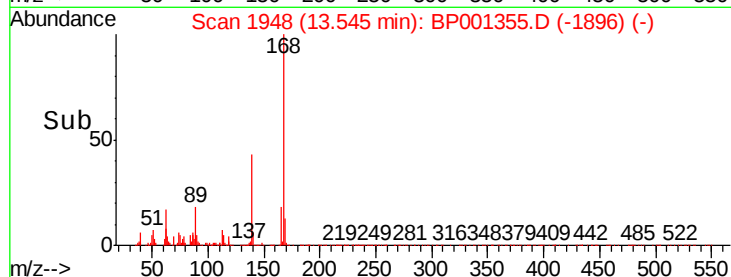
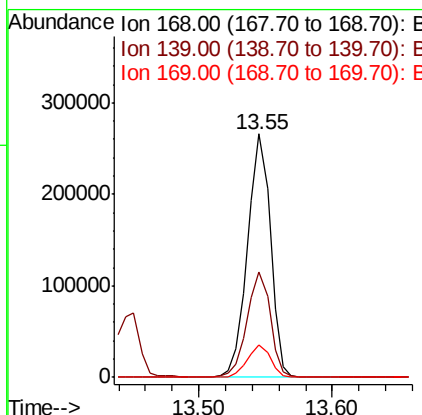
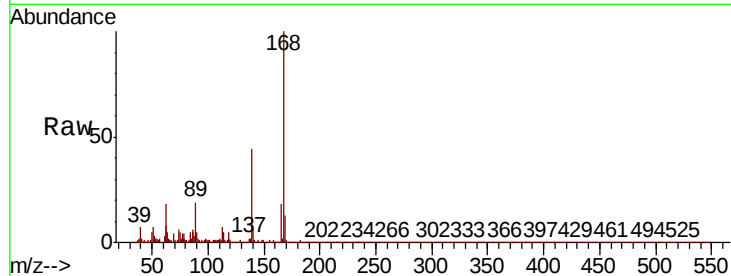




#55  
Dibenzofuran  
Concen: 38.785 ng  
RT: 13.55 min Scan# 1948  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

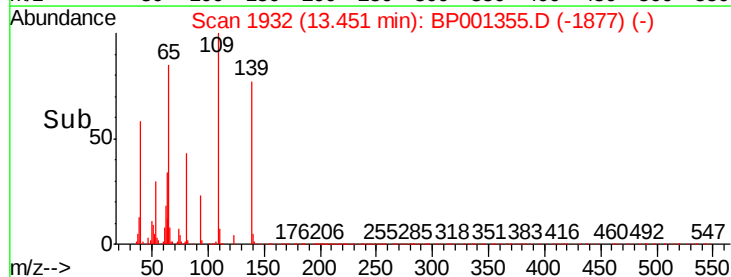
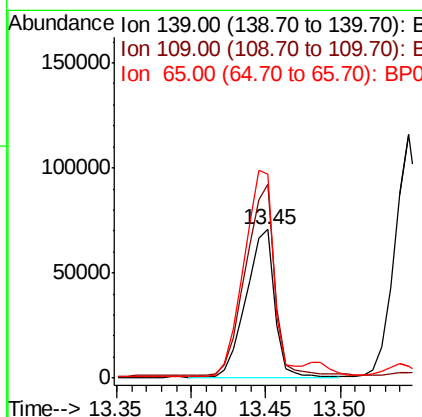
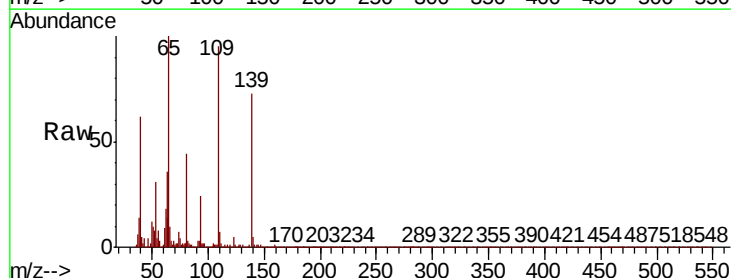
Instrument :  
BNA\_P  
ClientSampleId :

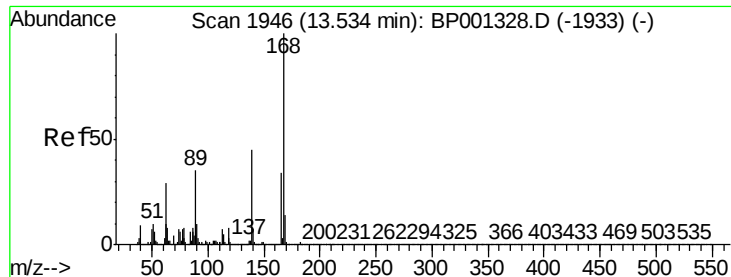
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 43.5  | 35.8  | 53.8  |
| 169     | 13.4  | 10.5  | 15.7  |



#56  
4-Nitrophenol  
Concen: 83.728 ng  
RT: 13.45 min Scan# 1932  
Delta R.T. 0.02 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 130.7 | 110.1 | 150.1 |
| 65      | 137.6 | 131.3 | 171.3 |

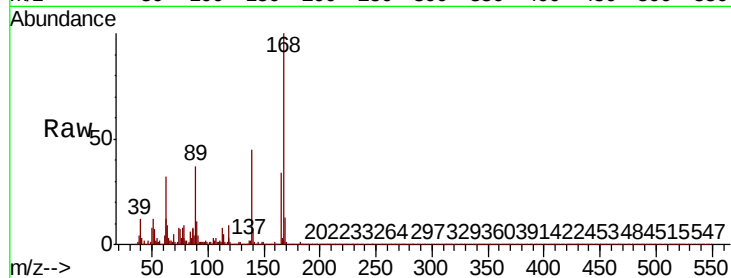




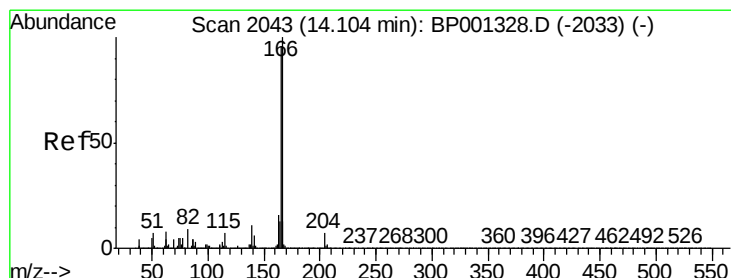
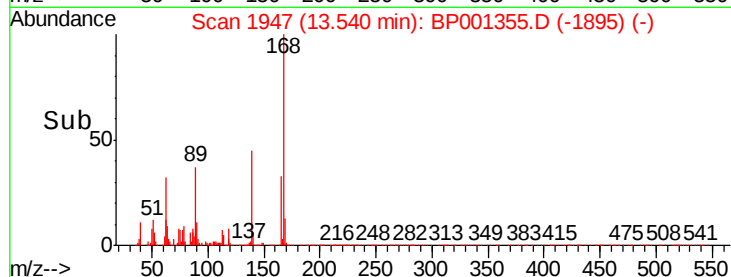
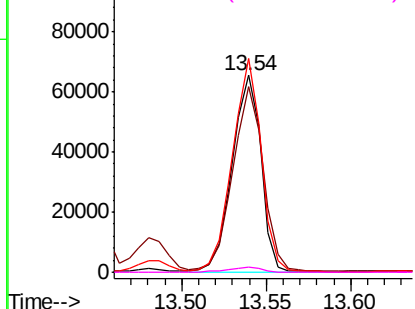
#57  
2,4-Dinitrotoluene  
Concen: 38.922 ng  
RT: 13.54 min Scan# 1947  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:165 Resp: 77889  
Ion Ratio Lower Upper  
165 100  
63 94.3 67.6 101.4  
89 108.6 81.3 121.9  
182 2.8 2.2 3.2

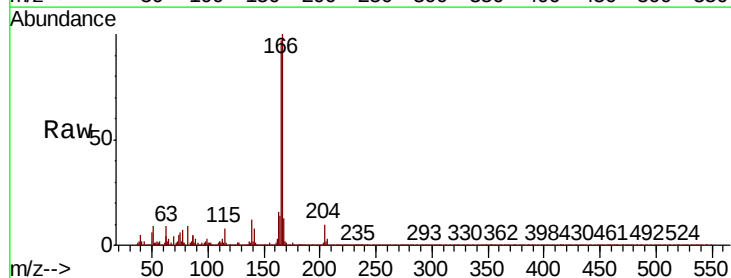


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BP0  
Ion 89.00 (88.70 to 89.70): BP0  
Ion 182.00 (181.70 to 182.70): E

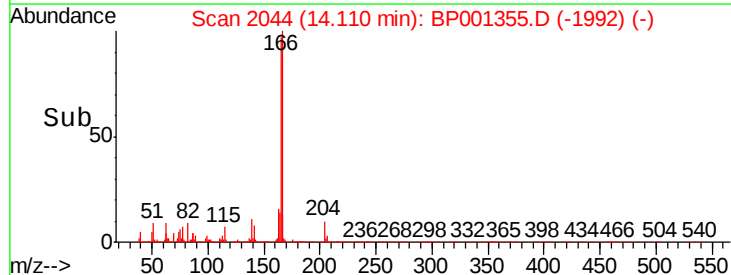
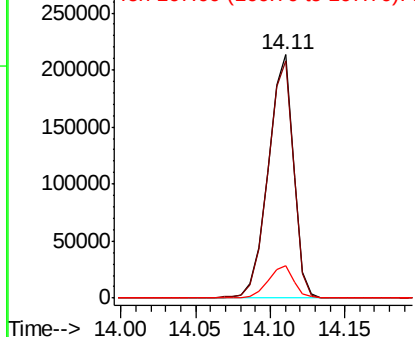


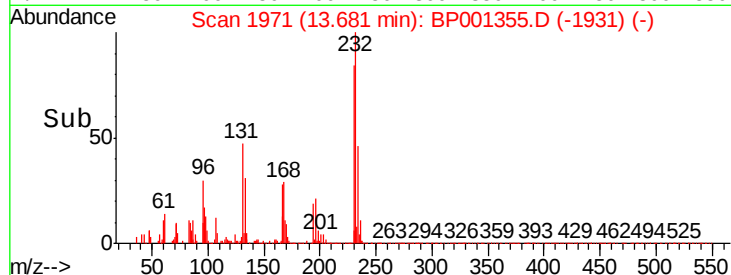
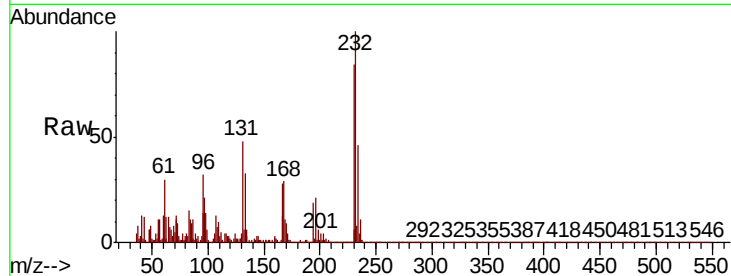
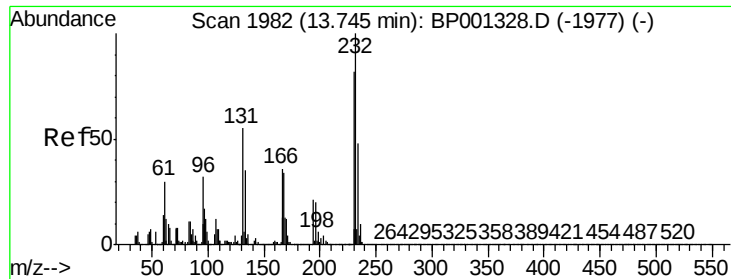
#58  
Fluorene  
Concen: 38.494 ng  
RT: 14.11 min Scan# 2044  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

Tgt Ion:166 Resp: 248435  
Ion Ratio Lower Upper  
166 100  
165 97.3 76.9 115.3  
167 13.1 10.3 15.5



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

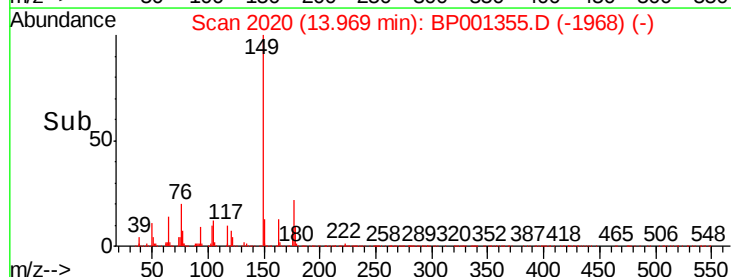
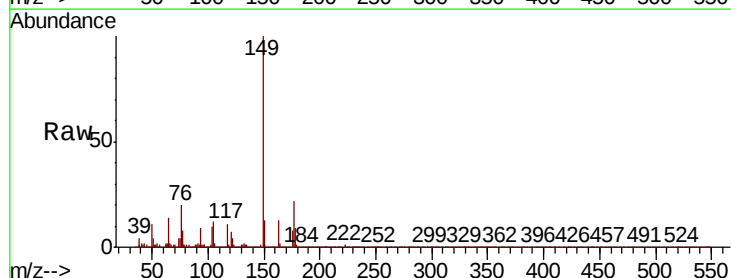
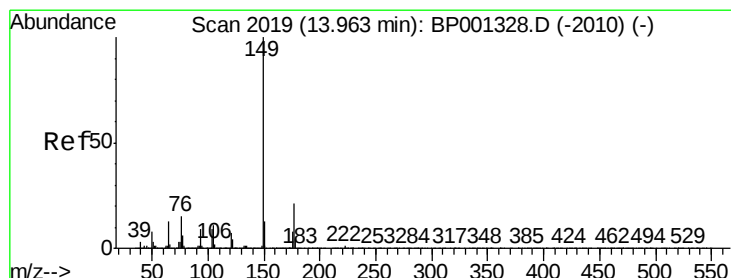
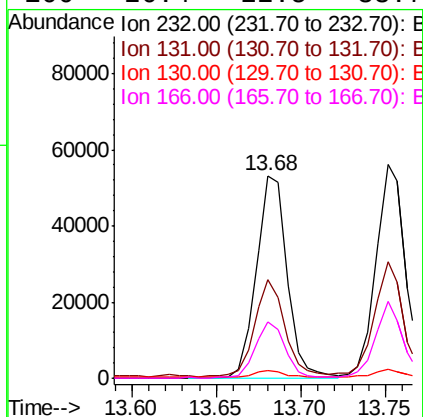




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.913 ng  
RT: 13.68 min Scan# 1971  
Delta R.T. -0.06 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

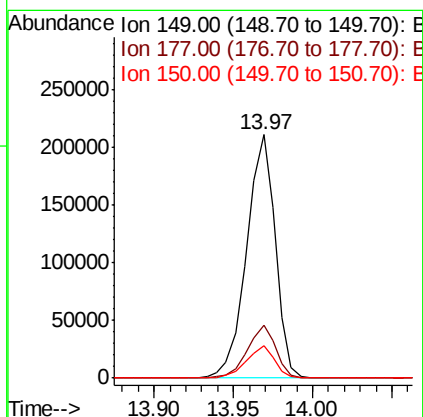
Instrument :  
BNA\_P  
ClientSampleId :

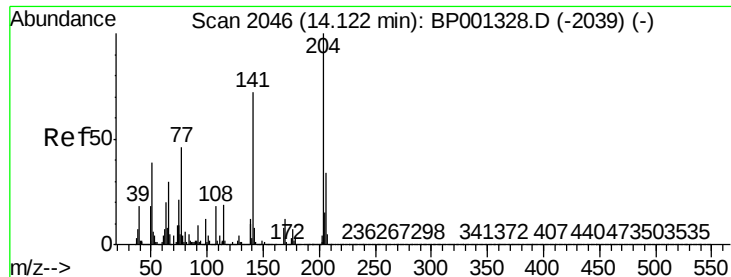
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 232   | Resp: | 67464 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 46.9  | 36.1  | 54.1  |
| 130      | 3.0   | 2.5   | 3.7   |
| 166      | 26.4  | 22.5  | 33.7  |



#60  
Diethylphthalate  
Concen: 36.056 ng  
RT: 13.97 min Scan# 2020  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 263697 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 21.9  | 16.7  | 25.1   |
| 150      | 13.1  | 10.2  | 15.4   |

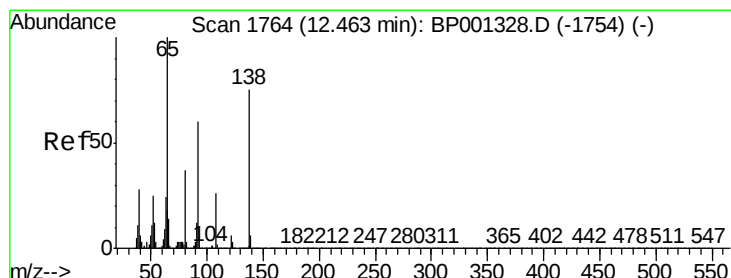
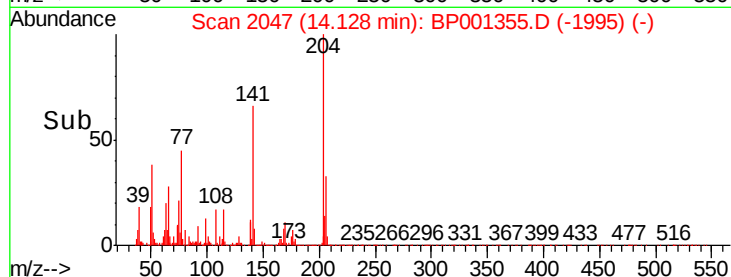
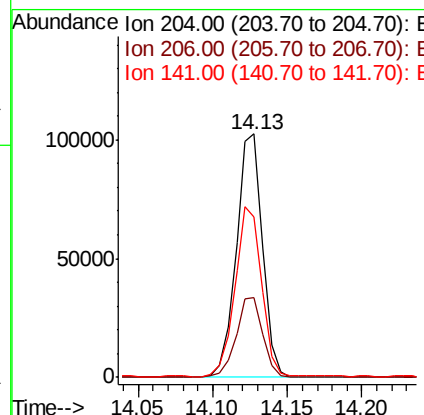
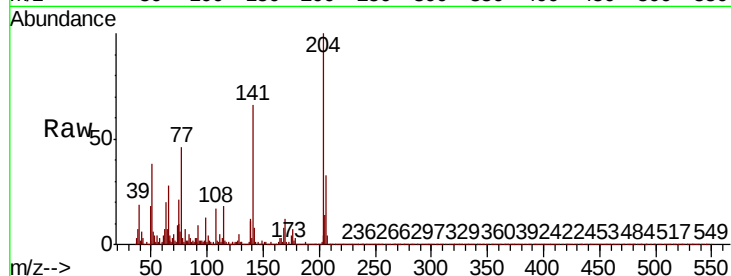




#61  
4-Chlorophenyl-phenylether  
Concen: 37.049 ng  
RT: 14.13 min Scan# 2047  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

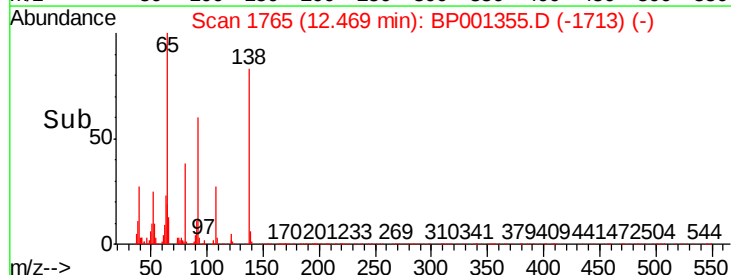
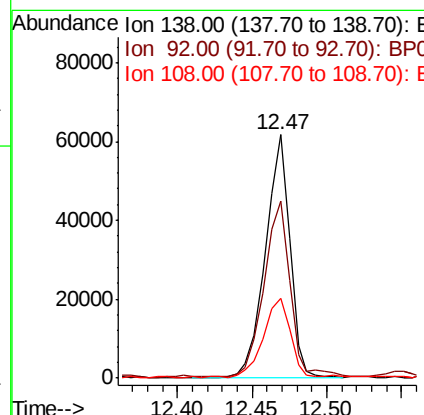
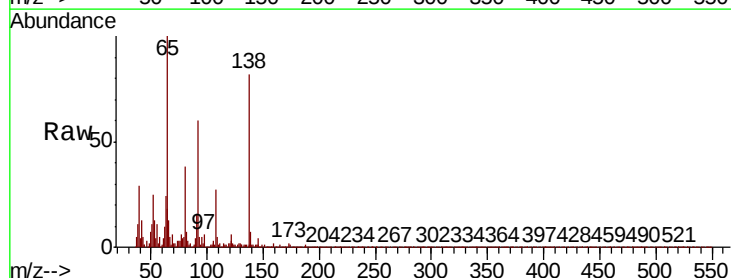
Instrument :  
BNA\_P  
ClientSampleId :

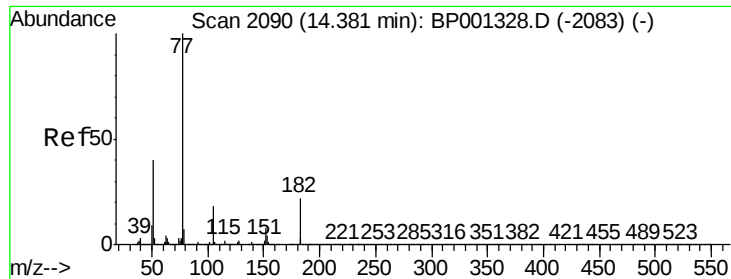
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.9  | 27.4  | 41.0  |
| 141     | 65.8  | 57.3  | 85.9  |



#62  
4-Nitroaniline  
Concen: 38.779 ng  
RT: 12.47 min Scan# 1765  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 72.8  | 60.3  | 100.3 |
| 108     | 32.9  | 14.5  | 54.5  |

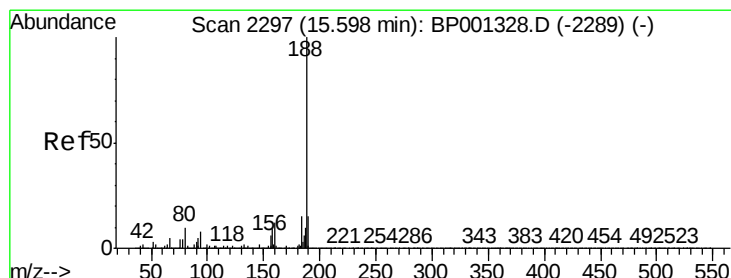
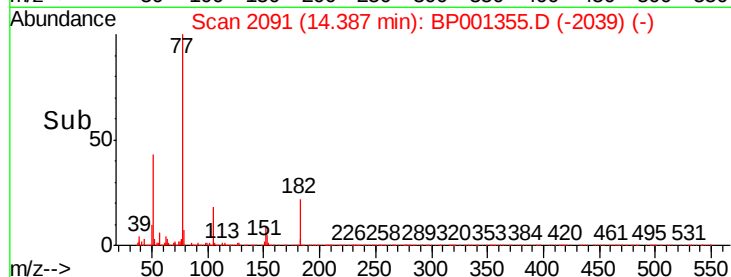
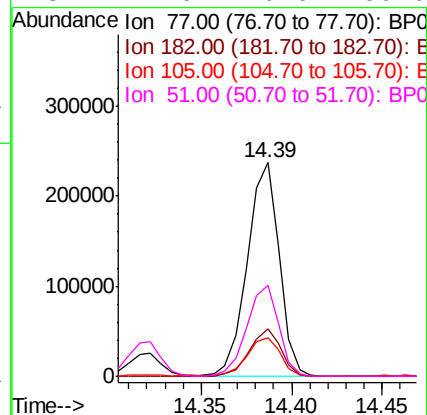
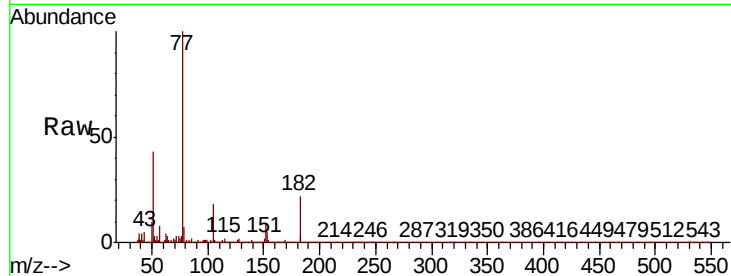




#63  
Azobenzene  
Concen: 37.365 ng  
RT: 14.39 min Scan# 2091  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

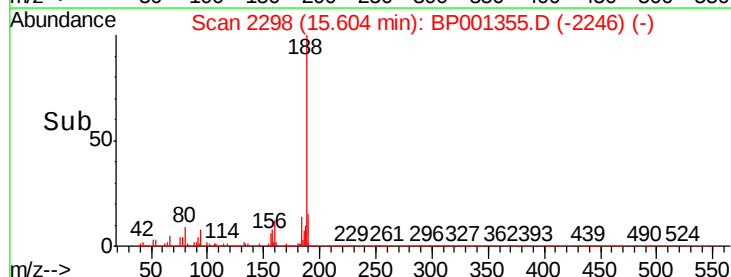
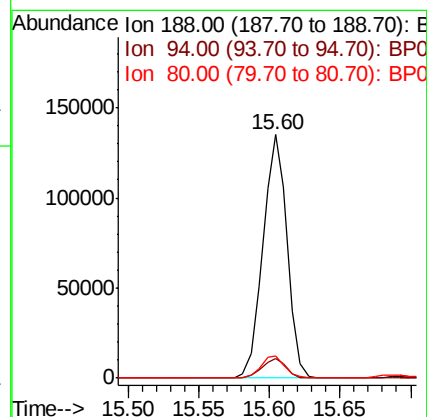
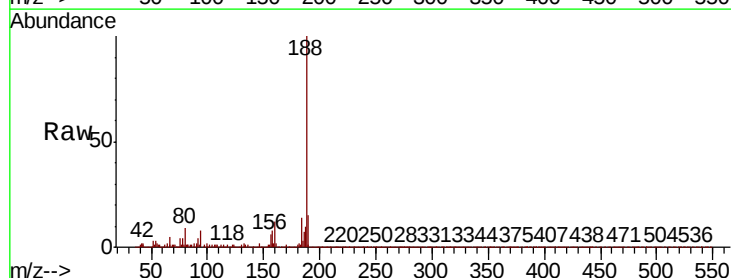
Instrument :  
BNA\_P  
ClientSampleId :

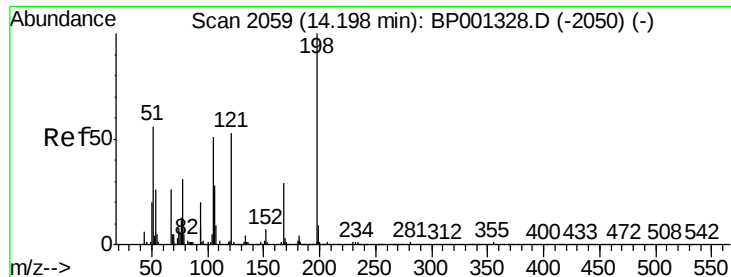
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 287694 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 22.2  | 2.0   | 42.0   |
| 105      | 18.1  | 0.0   | 38.1   |
| 51       | 42.6  | 20.0  | 60.0   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 15.60 min Scan# 2298  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 162733 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 7.9   | 6.6   | 10.0   |
| 80       | 8.9   | 7.8   | 11.6   |





#65

4,6-Dinitro-2-methylphenol

Concen: 34.208 ng

RT: 14.20 min Scan# 2060

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

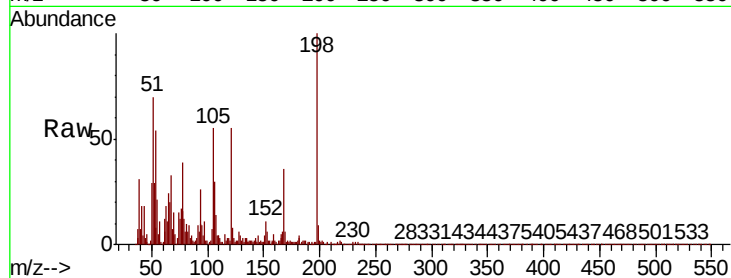
Instrument :

BNA\_P

ClientSampled :

Tot Ion:198 Resp: 24931

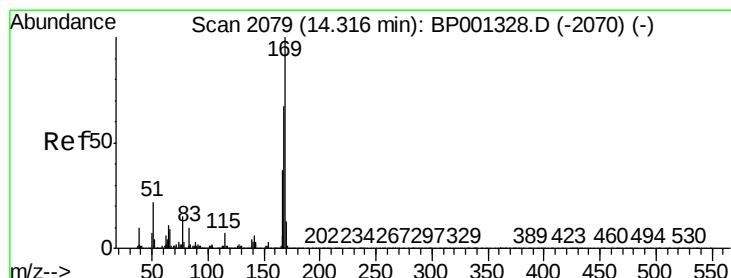
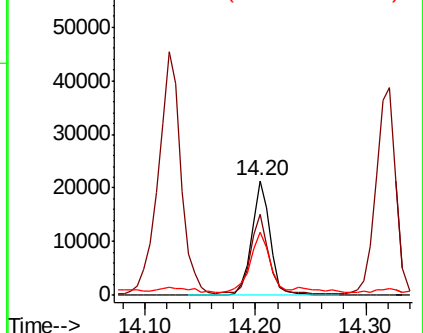
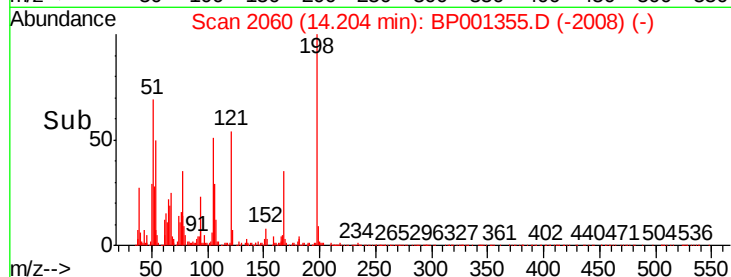
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 70.5  | 47.4  | 87.4  |
| 105 | 55.2  | 33.1  | 73.1  |



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: 41.591 ng

RT: 14.32 min Scan# 2080

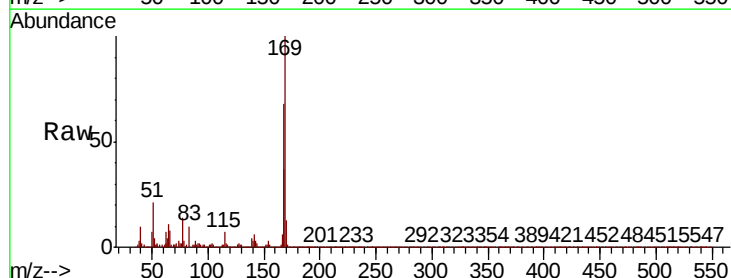
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion:169 Resp: 214569

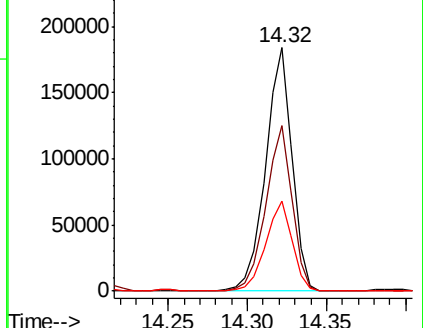
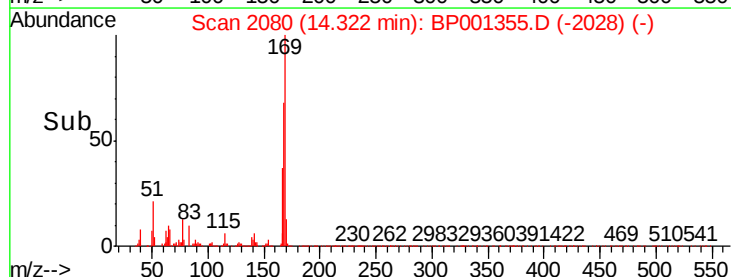
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 68.1  | 53.4  | 80.2  |
| 167 | 37.1  | 29.4  | 44.0  |

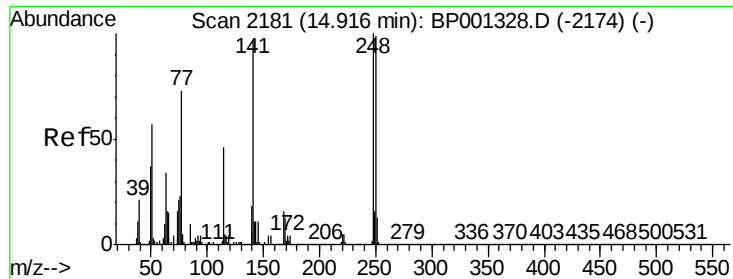


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

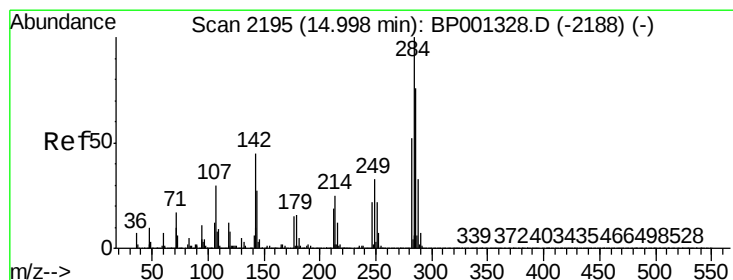
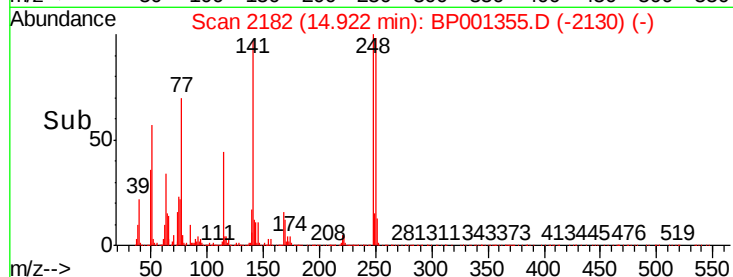
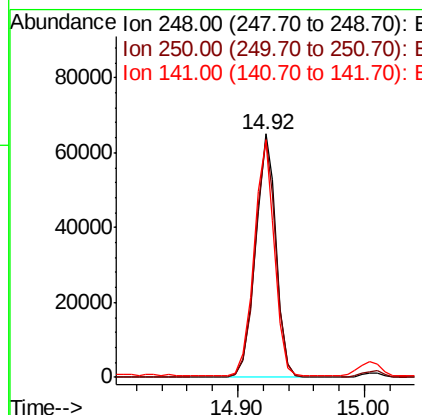
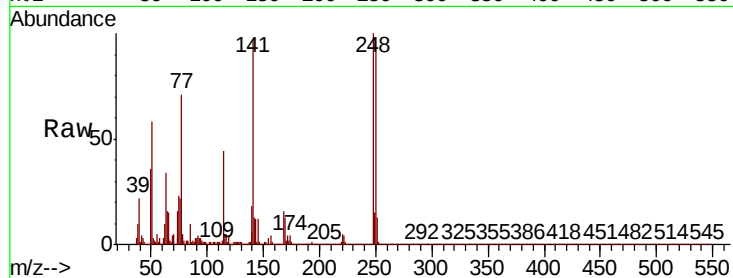




#67  
4-Bromophenyl-phenylether  
Concen: 38.316 ng  
RT: 14.92 min Scan# 2182  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

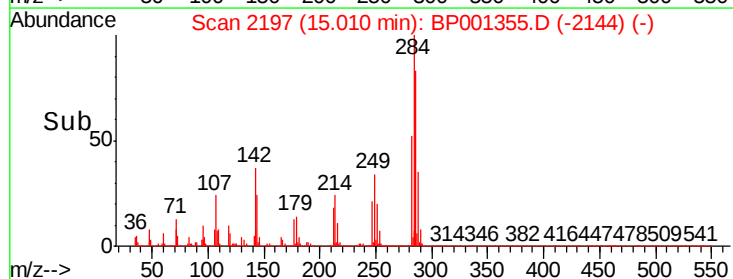
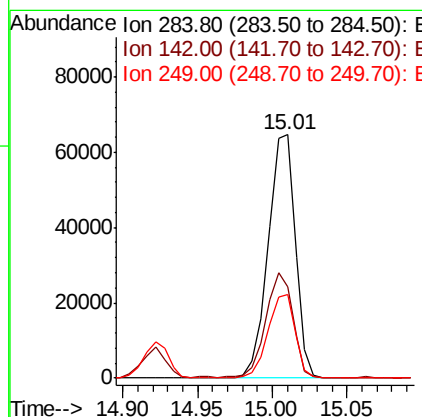
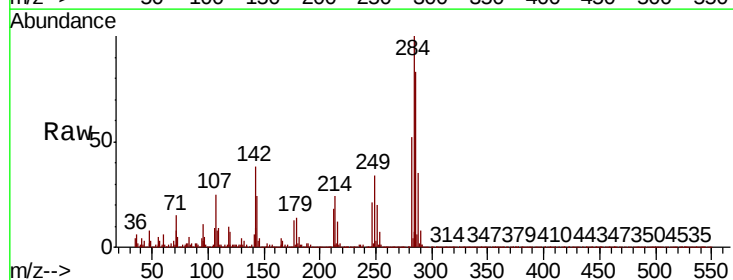
Instrument :  
BNA\_P  
ClientSampleId :

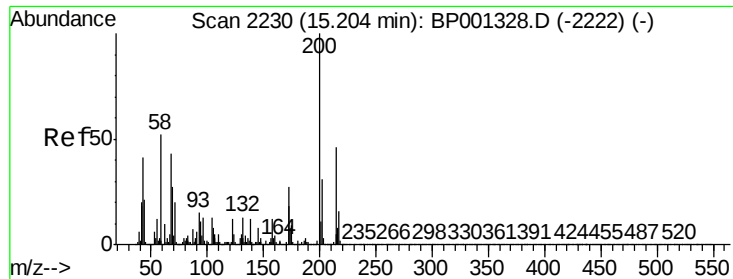
Tot Ion:248 Resp: 73720  
Ion Ratio Lower Upper  
248 100  
250 98.0 79.3 118.9  
141 97.2 77.5 116.3



#68  
Hexachlorobenzene  
Concen: 37.143 ng  
RT: 15.01 min Scan# 2197  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

Tgt Ion:284 Resp: 81356  
Ion Ratio Lower Upper  
284 100  
142 37.7 36.1 54.1  
249 34.2 26.3 39.5

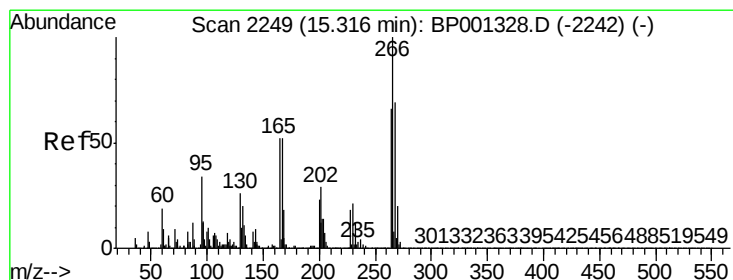
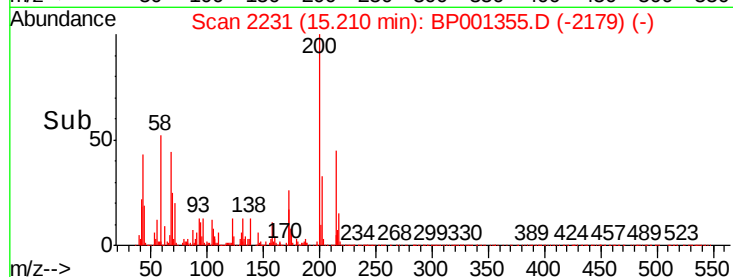
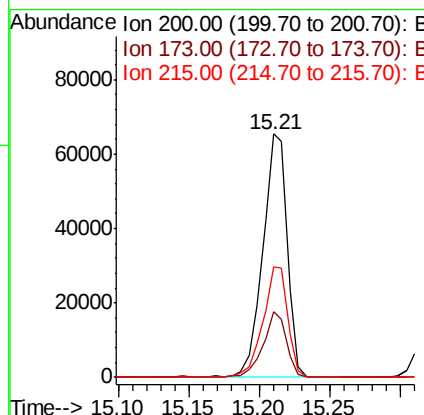
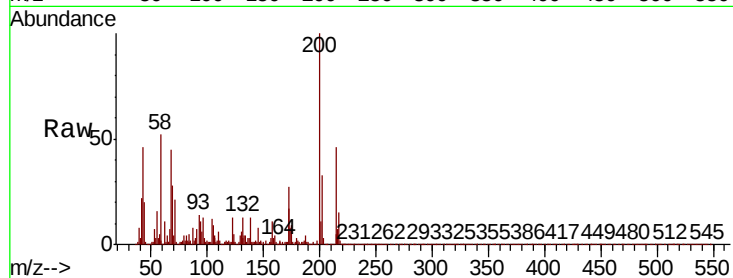




#69  
Atrazine  
Concen: 42.991 ng  
RT: 15.21 min Scan# 2231  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

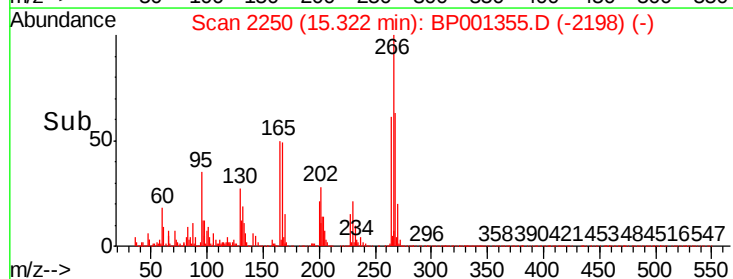
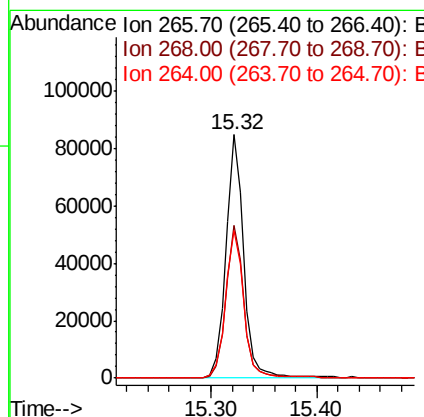
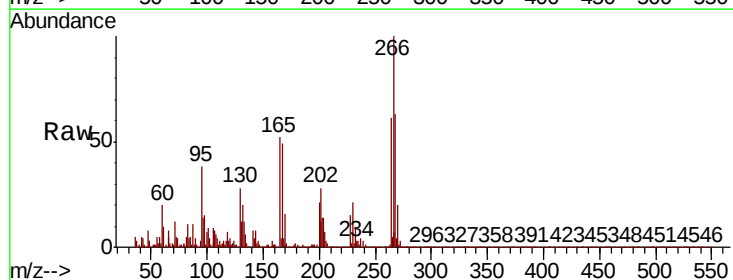
Instrument :  
BNA\_P  
ClientSampleId :

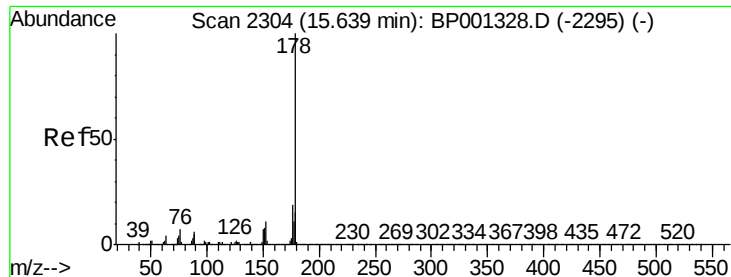
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.9  | 6.8   | 46.8  |
| 215     | 45.5  | 26.1  | 66.1  |



#70  
Pentachlorophenol  
Concen: 88.650 ng  
RT: 15.32 min Scan# 2250  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.7  | 55.4  | 83.2  |
| 264     | 60.9  | 53.2  | 79.8  |





#71

Phenanthrene

Concen: 41.260 ng

RT: 15.64 min Scan# 2304

Delta R.T. 0.00 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

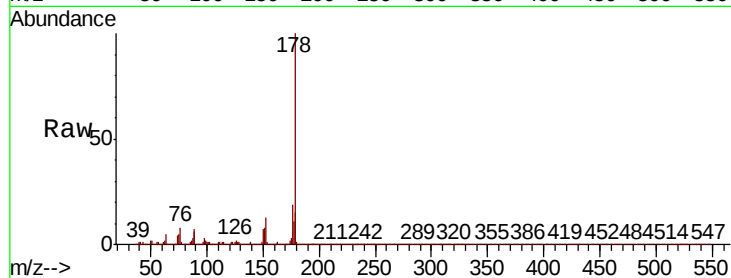
Tot Ion:178 Resp: 383079

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

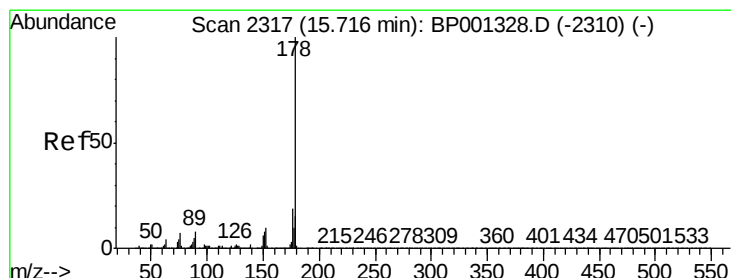
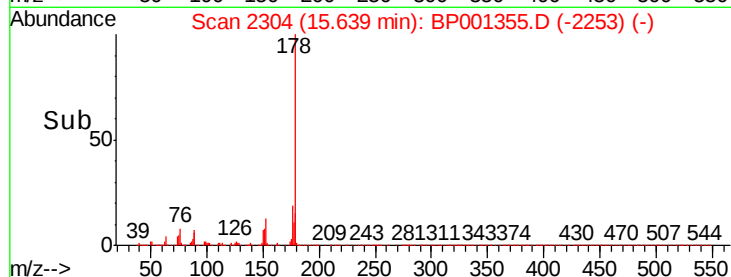
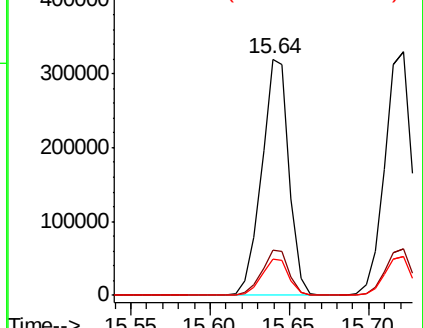
179 15.5 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.859 ng

RT: 15.72 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

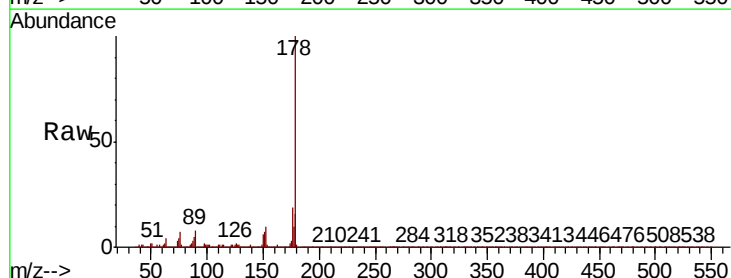
Tgt Ion:178 Resp: 384722

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

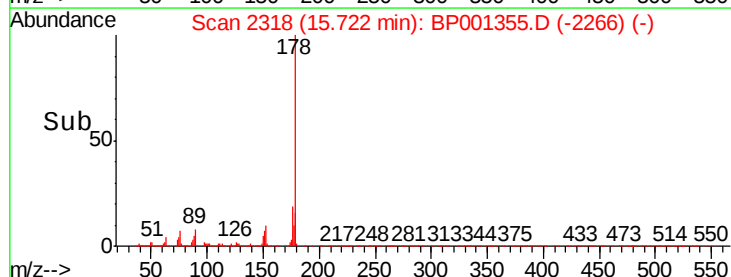
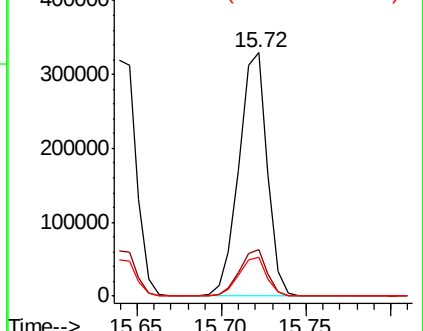
179 15.7 11.9 17.9

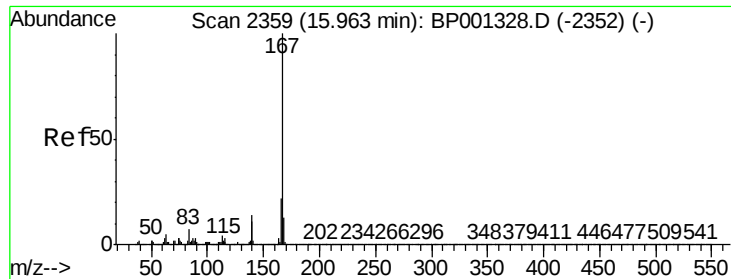


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

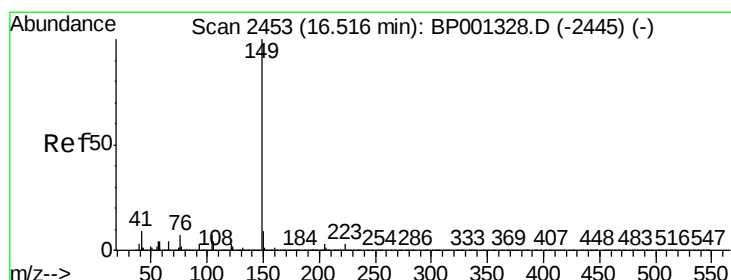
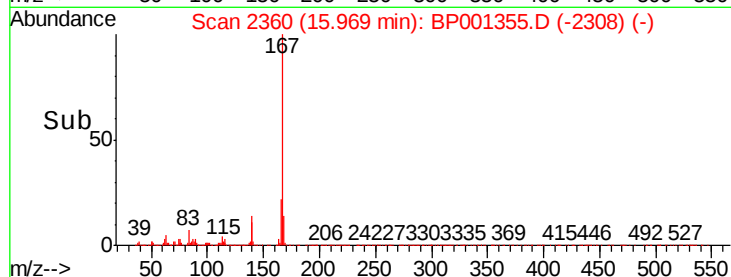
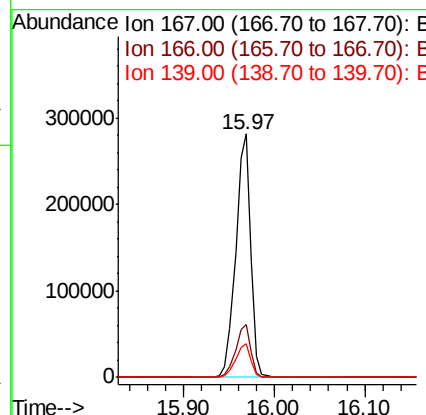
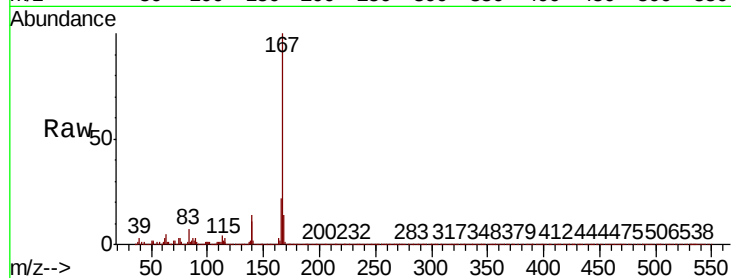




#73  
 Carbazole  
 Concen: 39.517 ng  
 RT: 15.97 min Scan# 2360  
 Delta R.T. 0.01 min  
 Lab File: BP001355.D  
 Acq: 20 Dec 2019 21:13

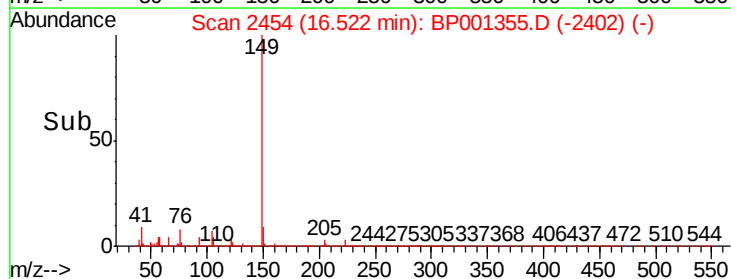
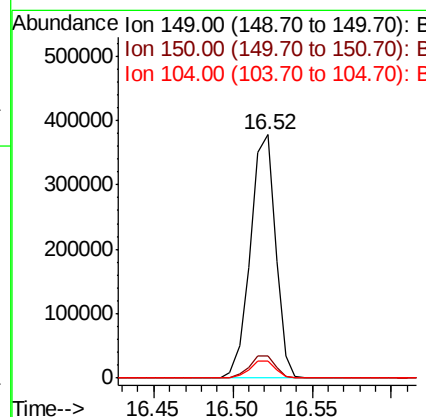
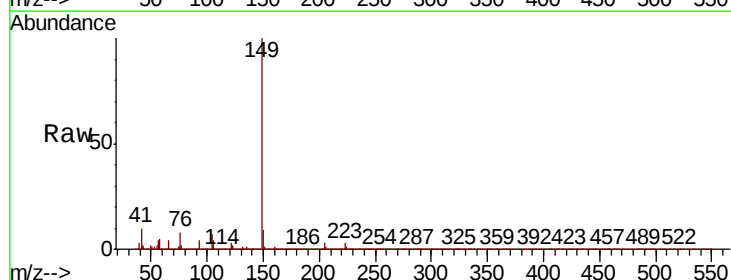
Instrument :  
 BNA\_P  
 ClientSampleId :

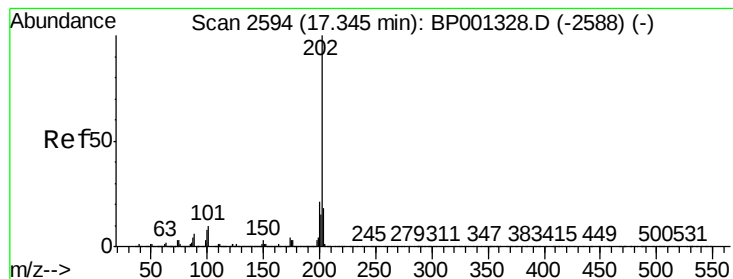
|     |         |       |        |
|-----|---------|-------|--------|
| Tot | Ion:167 | Resp: | 323815 |
| Ion | Ratio   | Lower | Upper  |
| 167 | 100     |       |        |
| 166 | 21.8    | 17.6  | 26.4   |
| 139 | 14.1    | 11.1  | 16.7   |



#74  
 Di-n-butylphthalate  
 Concen: 36.932 ng  
 RT: 16.52 min Scan# 2454  
 Delta R.T. 0.01 min  
 Lab File: BP001355.D  
 Acq: 20 Dec 2019 21:13

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:149 | Resp: | 415303 |
| Ion | Ratio   | Lower | Upper  |
| 149 | 100     |       |        |
| 150 | 9.1     | 7.5   | 11.3   |
| 104 | 7.1     | 5.4   | 8.2    |





#75

Fluoranthene

Concen: 41.624 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BP001355.D

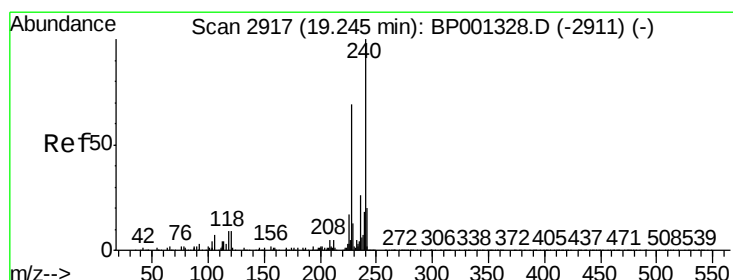
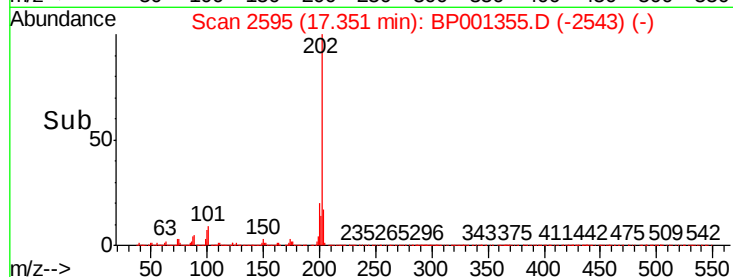
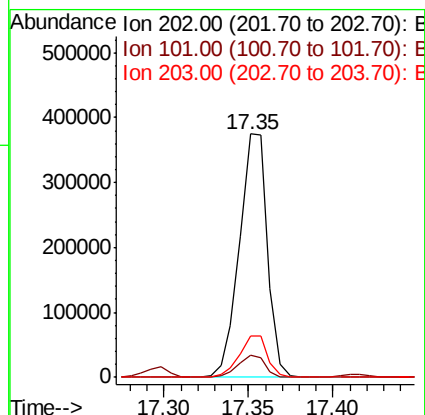
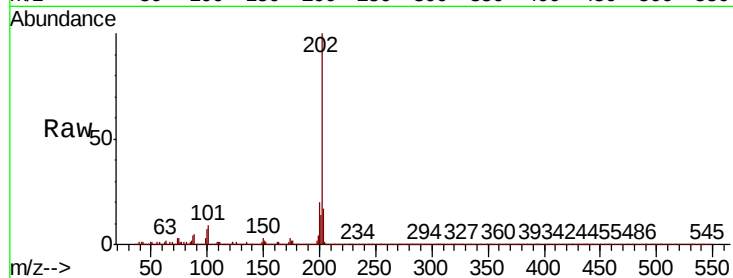
Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 432126 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.2   | 0.0   | 29.9   |
| 203       | 17.3  | 0.0   | 37.6   |



#76

Chrysene-d12

Concen: 20.000 ng

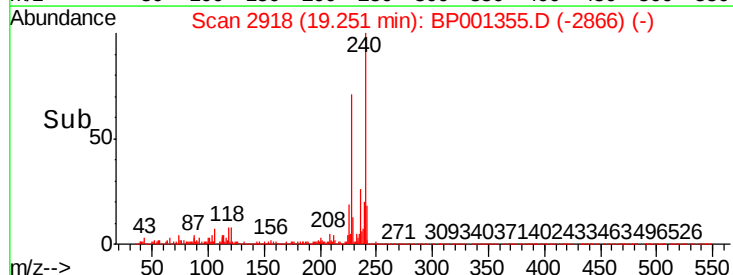
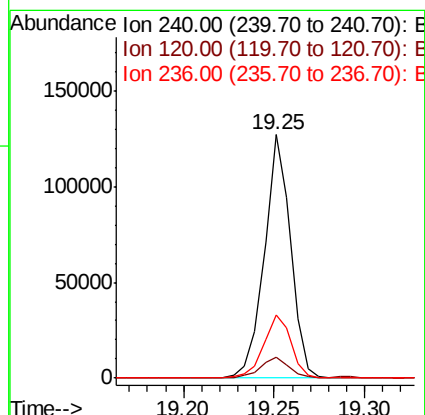
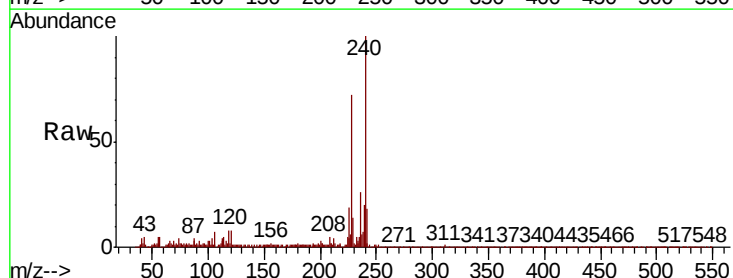
RT: 19.25 min Scan# 2918

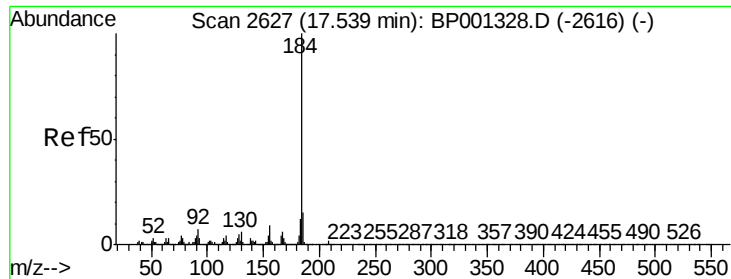
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 126849 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.4   | 7.6   | 11.4   |
| 236       | 25.7  | 21.0  | 31.4   |





#77

Benzidine

Concen: 58.073 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

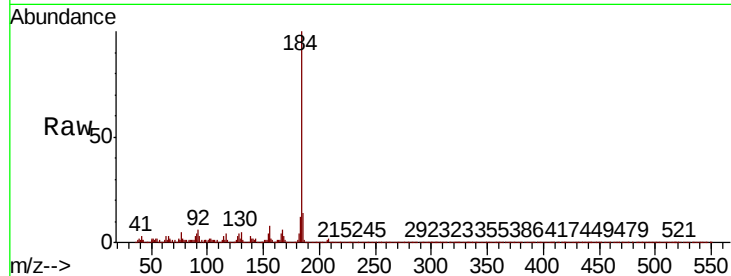
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:184 Resp: 214477

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.0  | 11.7  | 17.5  |
| 183 | 12.2  | 9.8   | 14.8  |

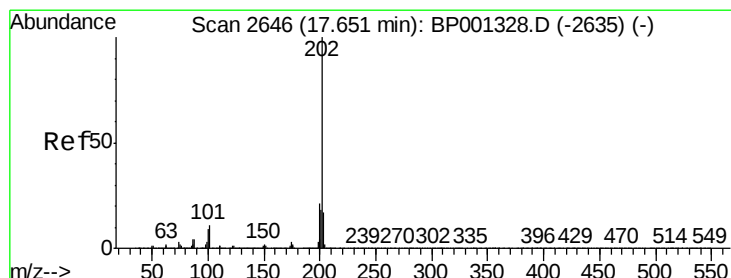
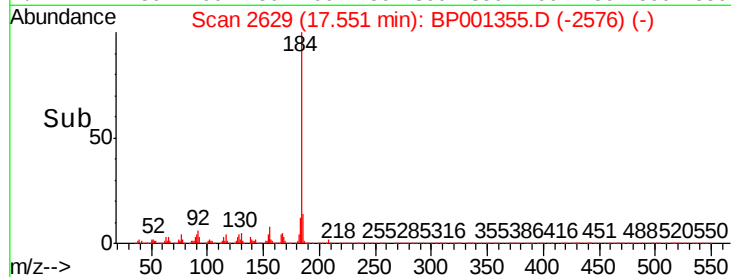
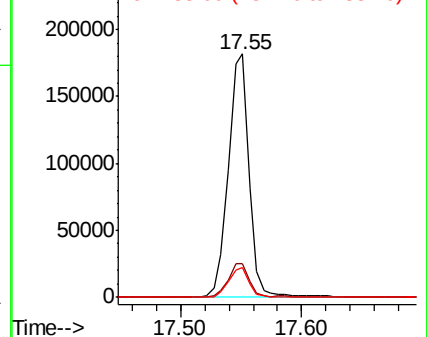


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.737 ng

RT: 17.66 min Scan# 2648

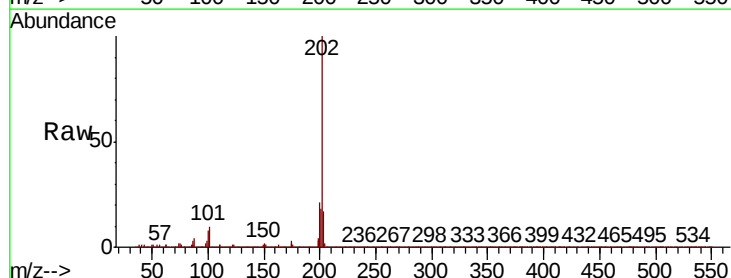
Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion:202 Resp: 430771

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.0  | 16.8  | 25.2  |
| 203 | 17.4  | 13.8  | 20.8  |

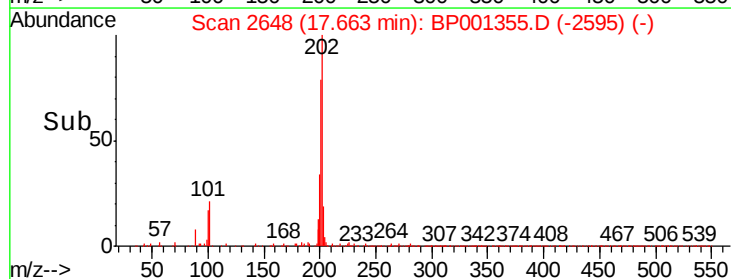
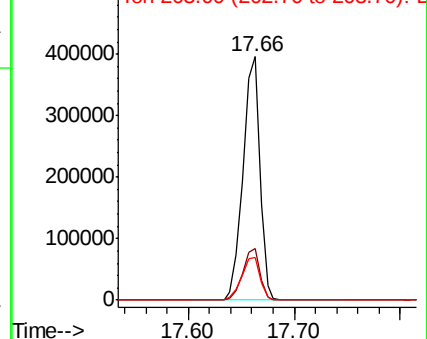


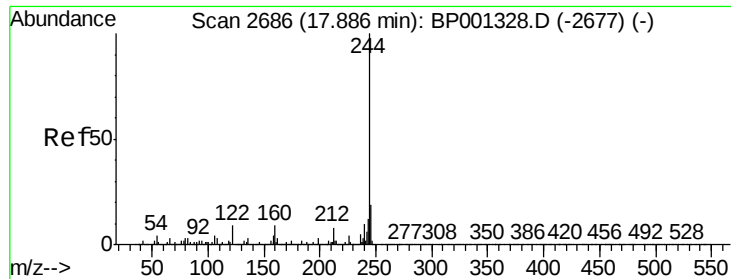
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

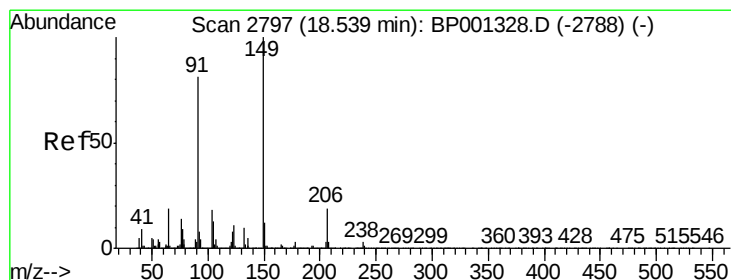
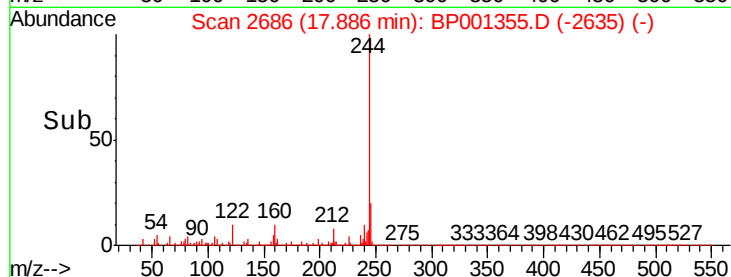
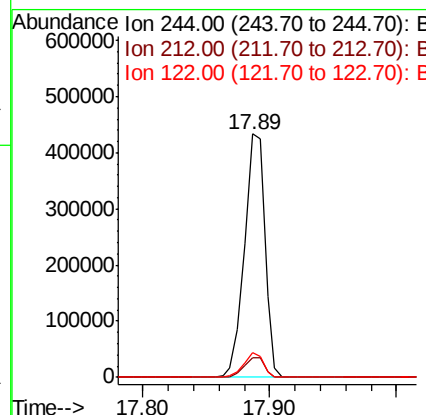
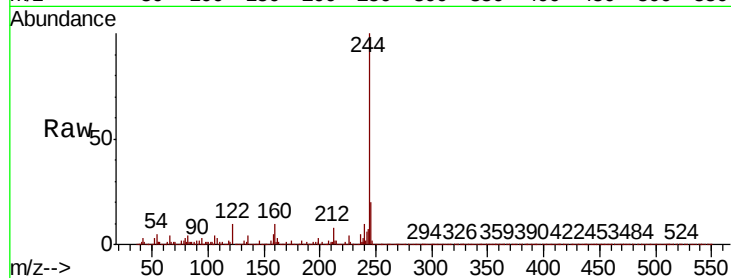




#79  
 Terphenyl-d14  
 Concen: 65.064 ng  
 RT: 17.89 min Scan# 2686  
 Delta R.T. -0.00 min  
 Lab File: BP001355.D  
 Acq: 20 Dec 2019 21:13

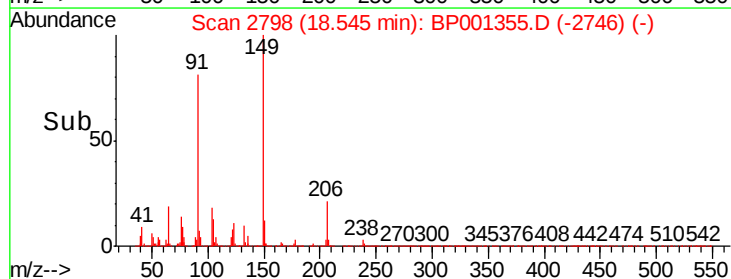
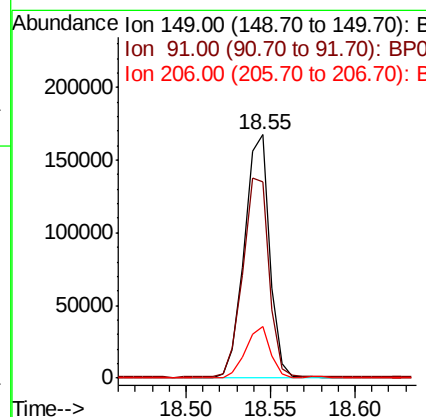
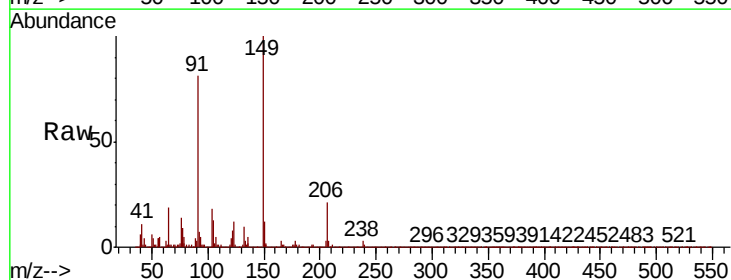
Instrument :  
 BNA\_P  
 ClientSampleId :

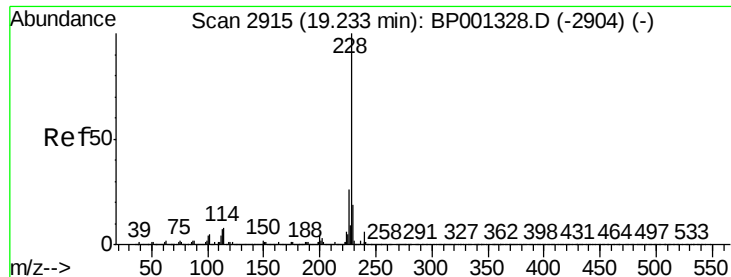
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.2   | 6.6   | 9.8   |
| 122     | 10.2  | 7.6   | 11.4  |



#80  
 Butylbenzylphthalate  
 Concen: 37.973 ng  
 RT: 18.55 min Scan# 2798  
 Delta R.T. 0.01 min  
 Lab File: BP001355.D  
 Acq: 20 Dec 2019 21:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 80.8  | 65.2  | 97.8  |
| 206     | 21.0  | 15.6  | 23.4  |

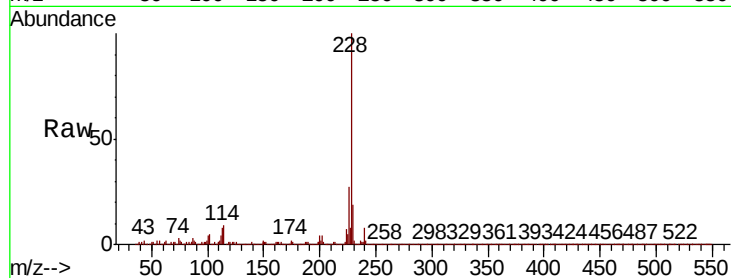




#81  
Benzo(a)anthracene  
Concen: 42.154 ng  
RT: 19.24 min Scan# 2916  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.9  | 21.2  | 31.8  |
| 229     | 19.5  | 15.4  | 23.0  |

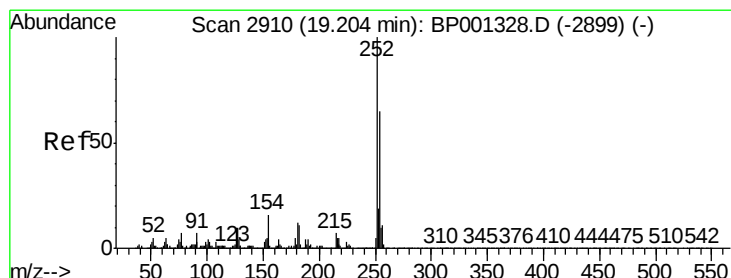
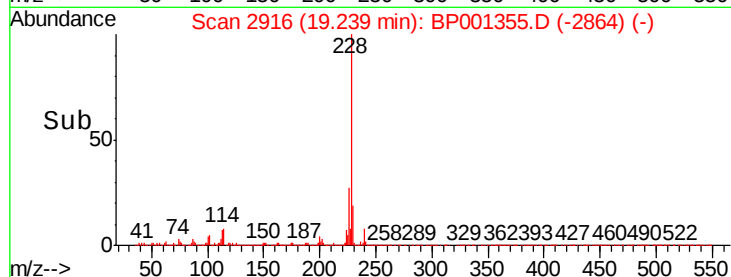
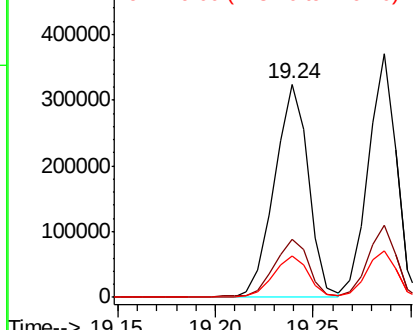


Abundance

Ion 228.00 (227.70 to 228.70): E

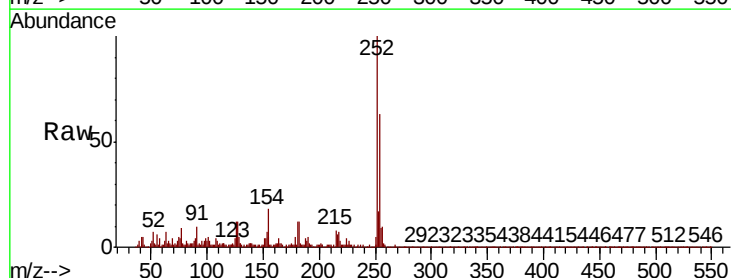
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82  
3,3'-Dichlorobenzidine  
Concen: 28.801 ng  
RT: 19.20 min Scan# 2910  
Delta R.T. 0.00 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.0  | 51.8  | 77.8  |
| 126     | 11.9  | 8.2   | 12.2  |

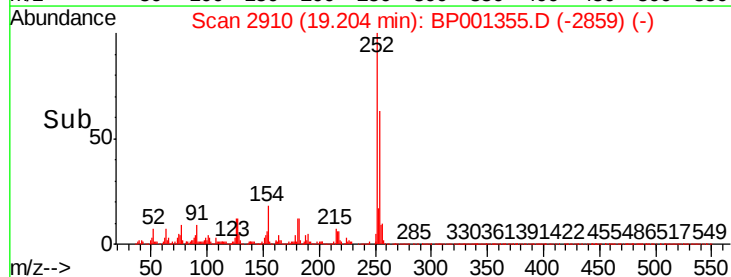
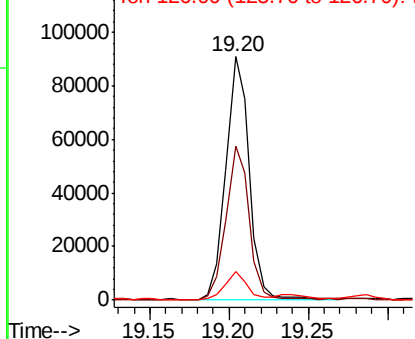


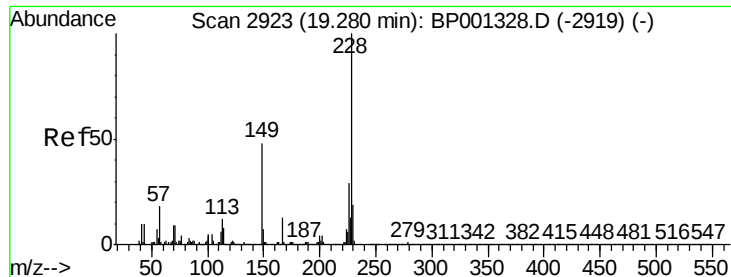
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

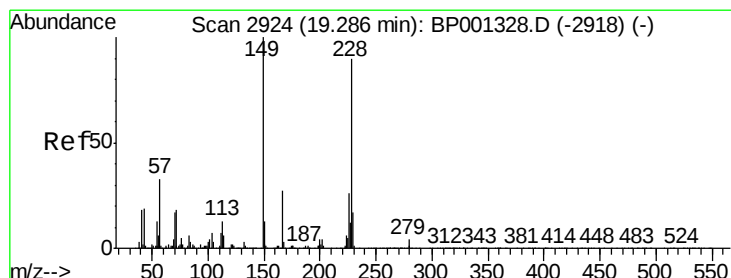
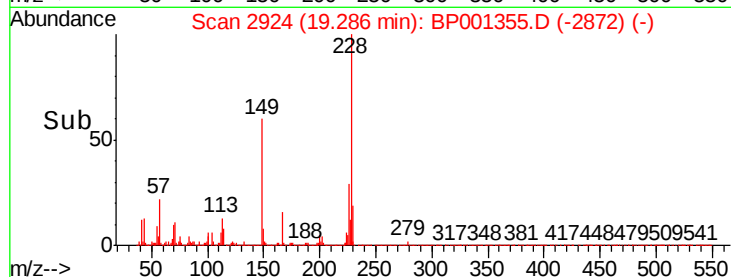
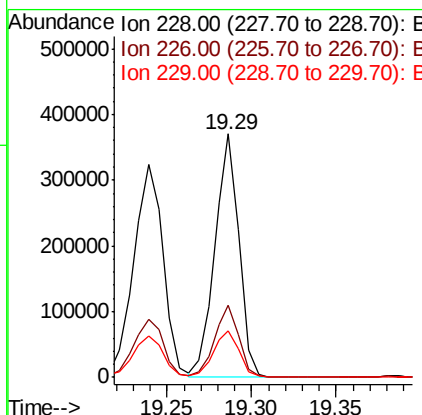
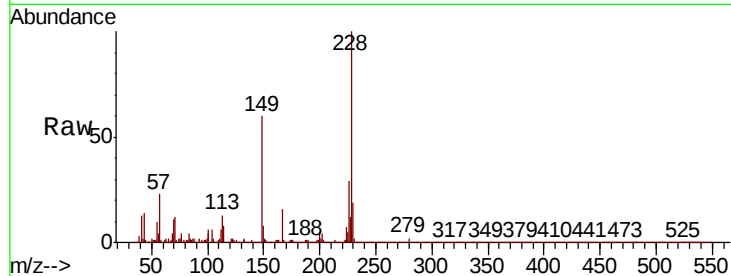




#83  
 Chrysene  
 Concen: 41.240 ng  
 RT: 19.29 min Scan# 2924  
 Delta R.T. 0.01 min  
 Lab File: BP001355.D  
 Acq: 20 Dec 2019 21:13

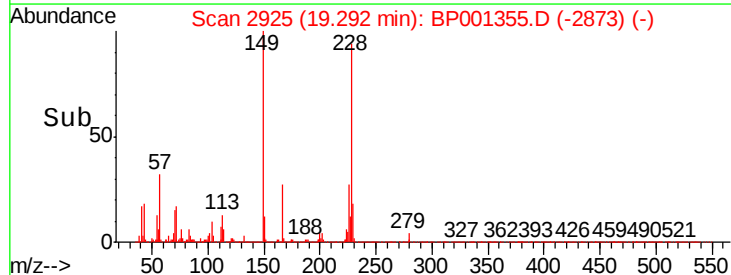
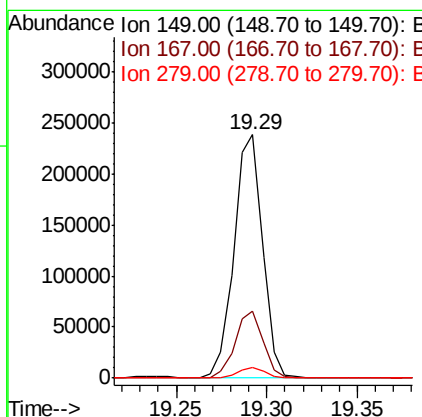
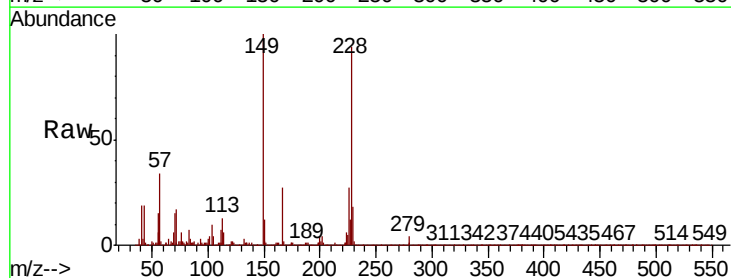
Instrument :  
 BNA\_P  
 ClientSampled :

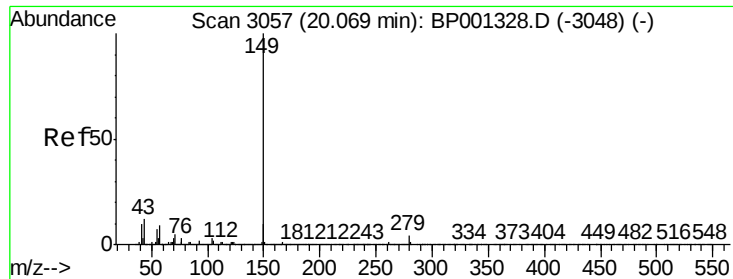
Tot Ion:228 Resp: 367938  
 Ion Ratio Lower Upper  
 228 100  
 226 29.4 23.1 34.7  
 229 19.3 15.4 23.2



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 38.435 ng  
 RT: 19.29 min Scan# 2925  
 Delta R.T. 0.01 min  
 Lab File: BP001355.D  
 Acq: 20 Dec 2019 21:13

Tgt Ion:149 Resp: 258968  
 Ion Ratio Lower Upper  
 149 100  
 167 27.5 21.8 32.6  
 279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 38.665 ng

RT: 20.07 min Scan# 3058

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

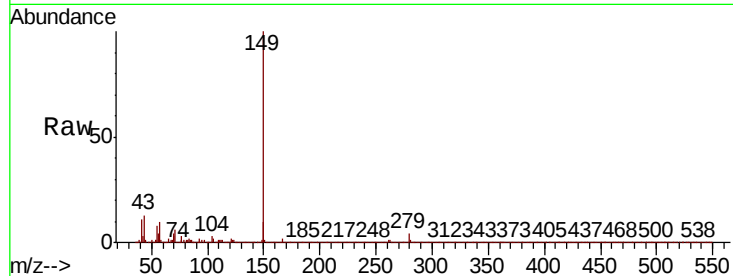
Tot Ion:149 Resp: 431790

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

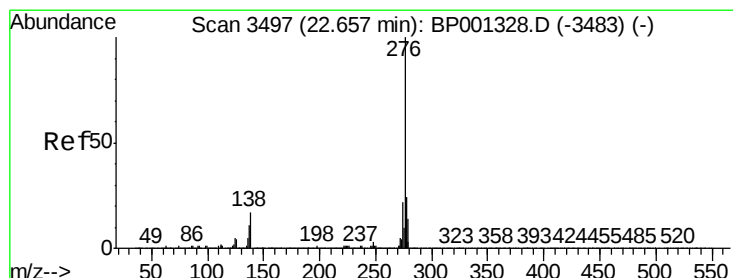
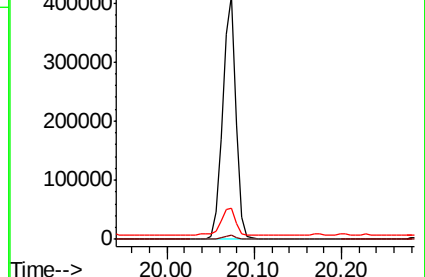
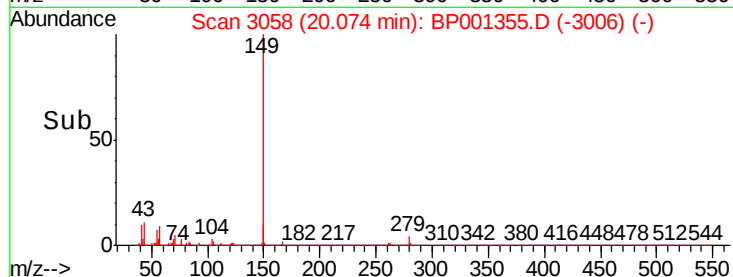
43 13.0 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.062 ng

RT: 22.67 min Scan# 3500

Delta R.T. 0.02 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

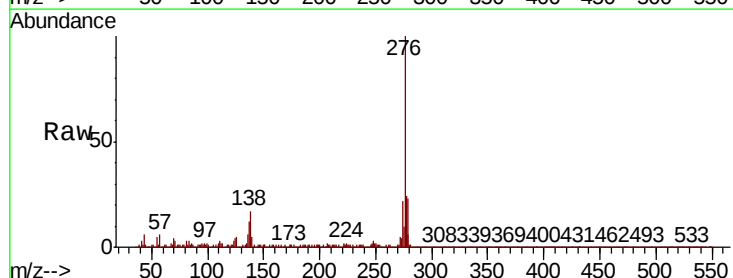
Tgt Ion:276 Resp: 395656

Ion Ratio Lower Upper

276 100

138 19.3 15.8 23.6

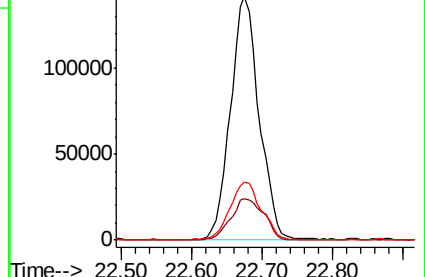
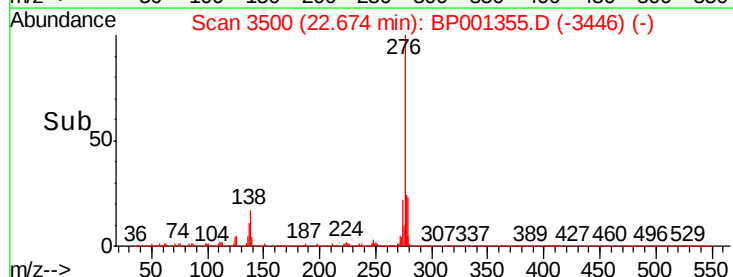
277 25.5 20.2 30.4

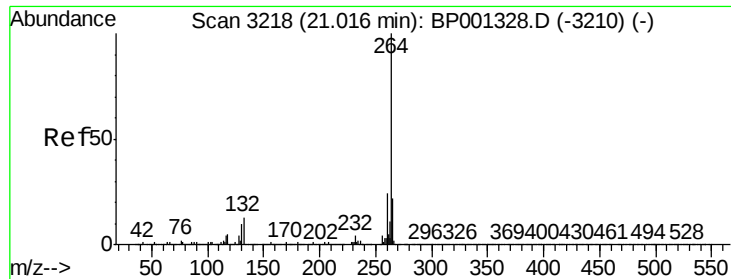


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

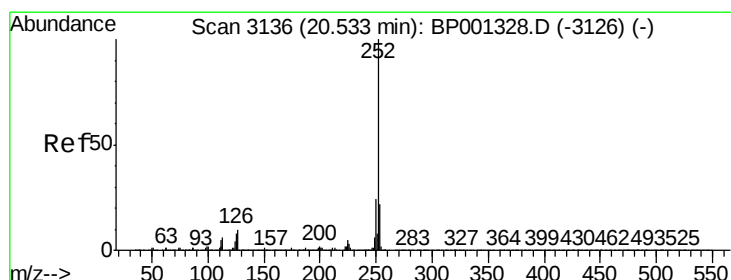
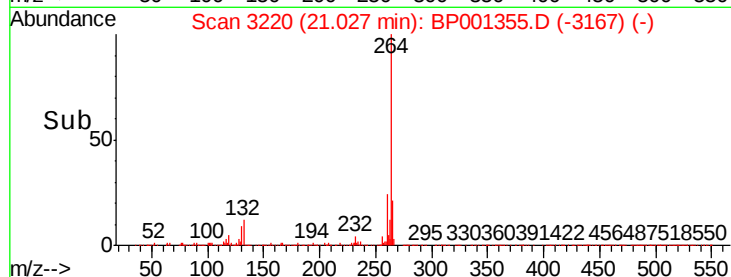
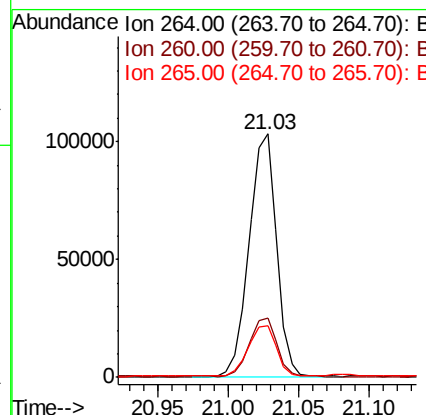
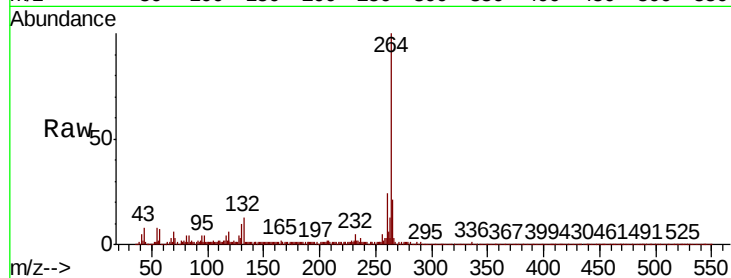




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 21.03 min Scan# 3220  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

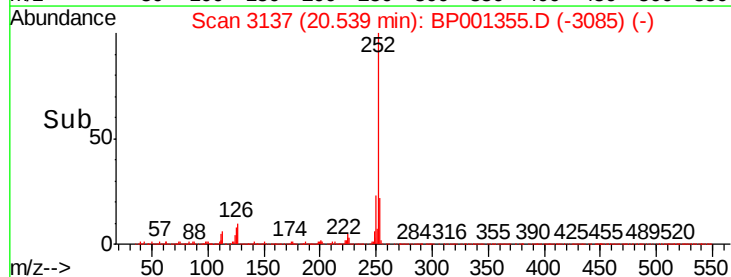
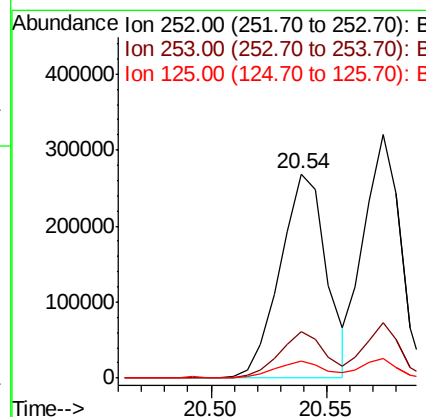
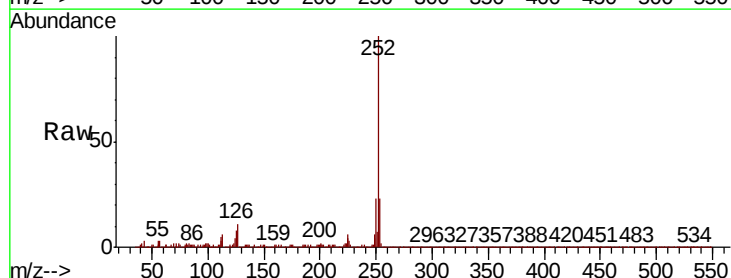
Instrument :  
BNA\_P  
ClientSampled :

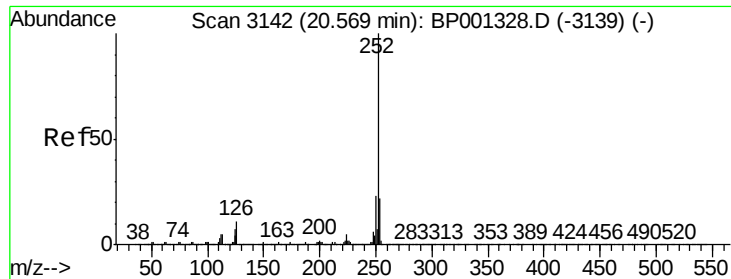
Tot Ion:264 Resp: 141130  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.2 28.8  
265 21.3 17.4 26.2



#88  
Benzo(b)fluoranthene  
Concen: 40.456 ng  
RT: 20.54 min Scan# 3137  
Delta R.T. 0.01 min  
Lab File: BP001355.D  
Acq: 20 Dec 2019 21:13

Tgt Ion:252 Resp: 374968  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.6  
125 8.4 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 39.636 ng

RT: 20.57 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Instrument :

BNA\_P

ClientSampleId :

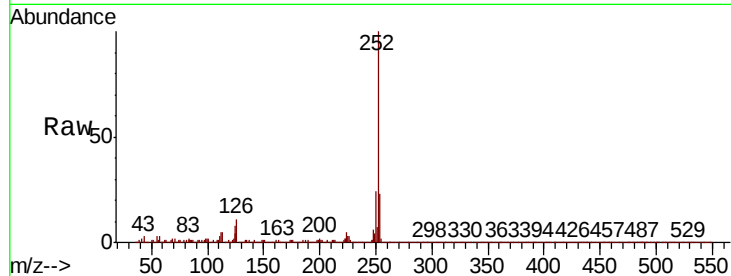
Tot Ion:252 Resp: 349945

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

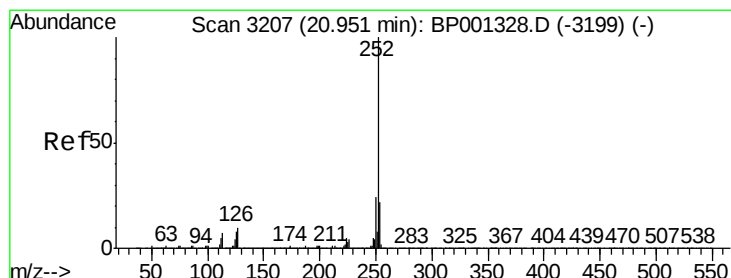
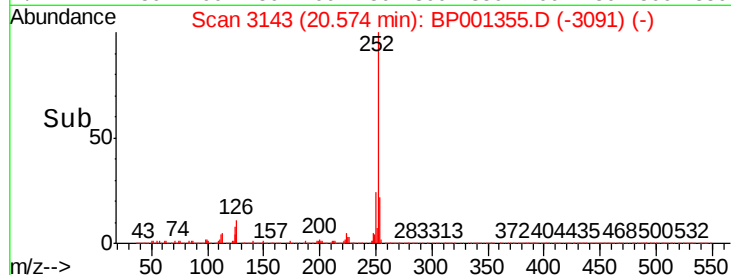
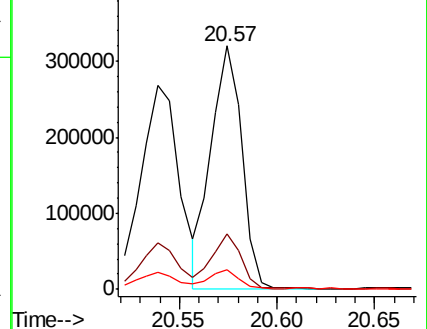
125 8.0 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.212 ng

RT: 20.96 min Scan# 3208

Delta R.T. 0.01 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

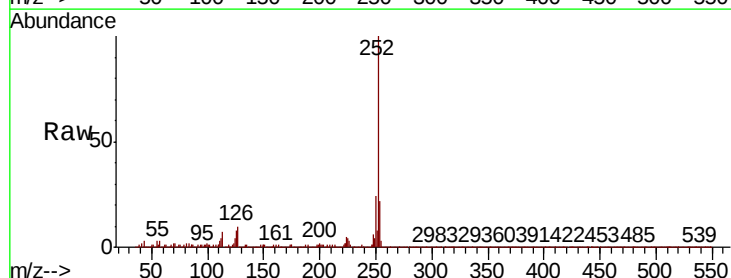
Tgt Ion:252 Resp: 339517

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

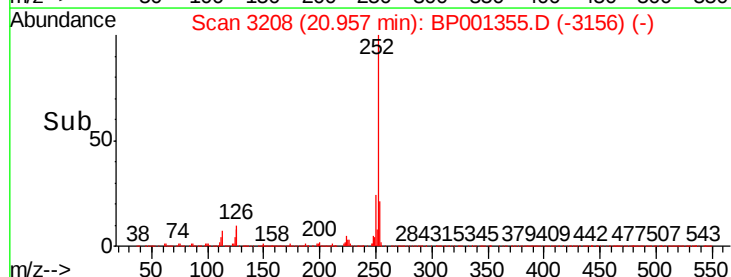
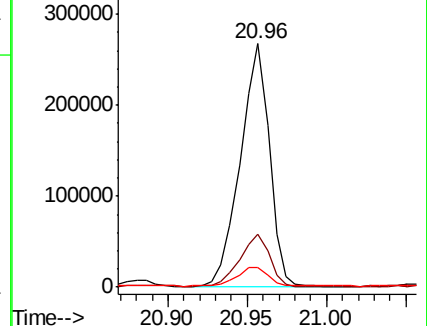
125 8.2 6.3 9.5

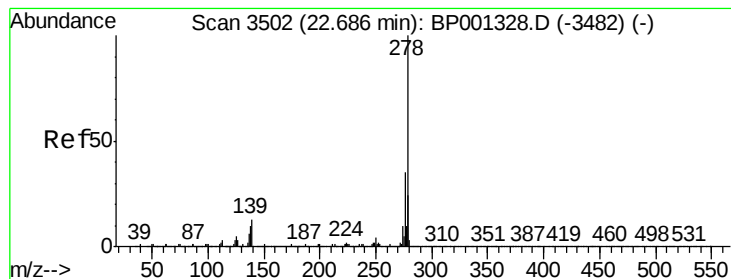


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.061 ng

RT: 22.70 min Scan# 3505

Delta R.T. 0.02 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

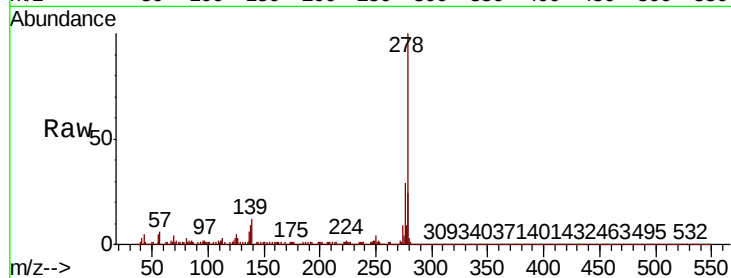
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:278 Resp: 330717

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 11.8  | 10.3  | 15.5  |
| 279 | 23.8  | 19.6  | 29.4  |

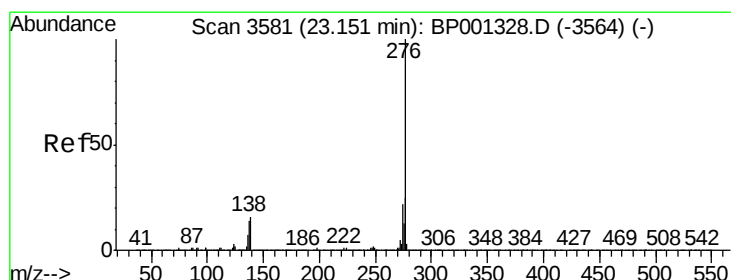
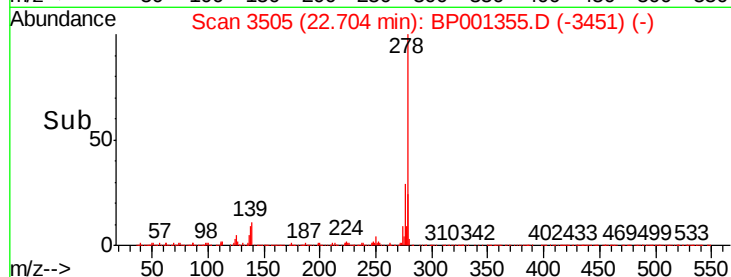
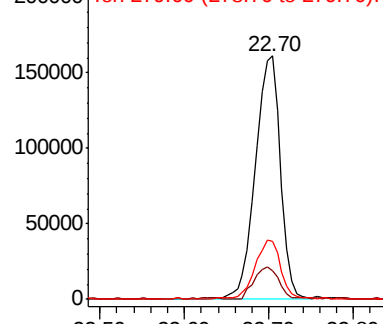


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.935 ng

RT: 23.17 min Scan# 3584

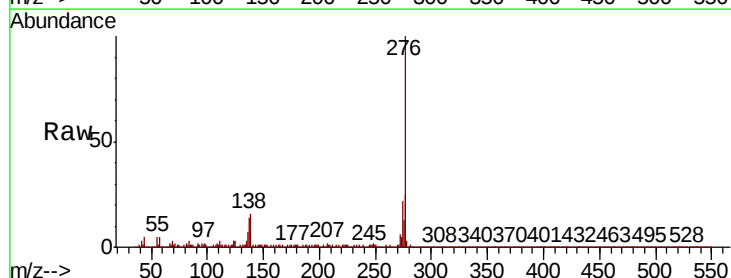
Delta R.T. 0.02 min

Lab File: BP001355.D

Acq: 20 Dec 2019 21:13

Tgt Ion:276 Resp: 322914

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.7  | 19.6  | 29.4  |
| 138 | 15.6  | 12.6  | 18.8  |



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

