

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\  
 Data File : BP001159.D  
 Acq On : 03 Dec 2019 17:10  
 Operator : JU  
 Sample : PB125130BSD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB125130BSD

Manual Integrations  
 APPROVED

mohammad  
 12/4/2019 5:00:40 PM

Quant Time: Dec 04 04:17:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 27 17:38:46 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.32  | 152  | 119167   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.35 | 136  | 471228   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 13.22 | 164  | 270541   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 15.62 | 188  | 507120   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 19.26 | 240  | 382985   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 21.03 | 264  | 342028   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 6.23  | 112 | 954581  | 132.90 | ng | 0.00  |
| 7) Phenol-d6             | 7.77  | 99  | 1258900 | 131.56 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.20  | 82  | 700847  | 64.53  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 14.51 | 330 | 326307  | 125.83 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 12.13 | 172 | 1172545 | 63.43  | ng | -0.02 |
| 79) Terphenyl-d14        | 17.90 | 244 | 1321431 | 63.83  | ng | -0.02 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.63  | 88  | 121674  | 36.267 | ng | 94     |
| 3) Pyridine                    | 3.48  | 79  | 305703  | 32.837 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.38  | 42  | 194396  | 48.255 | ng | 82     |
| 6) Aniline                     | 7.79  | 93  | 363730  | 28.668 | ng | # 22   |
| 8) 2-Chlorophenol              | 7.98  | 128 | 352860  | 47.482 | ng | 98     |
| 9) Benzaldehyde                | 7.61  | 77  | 171106  | 28.423 | ng | 97     |
| 10) Phenol                     | 7.79  | 94  | 495818  | 45.552 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.92  | 93  | 370147  | 43.671 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 8.22  | 146 | 370464  | 42.058 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.34  | 146 | 376312  | 42.410 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.58  | 146 | 360594  | 43.181 | ng | 98     |
| 15) Benzyl Alcohol             | 8.55  | 79  | 381583  | 48.578 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.78  | 45  | 564595  | 41.433 | ng | 99     |
| 17) 2-Methylphenol             | 8.74  | 107 | 311937  | 45.759 | ng | 96     |
| 18) Hexachloroethane           | 9.12  | 117 | 155904  | 42.473 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.99  | 70  | 301243  | 43.627 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.98  | 107 | 398812  | 46.411 | ng | 97     |
| 22) Acetophenone               | 8.96  | 105 | 575667  | 41.564 | ng | # 96   |
| 24) Nitrobenzene               | 9.23  | 77  | 469147  | 43.438 | ng | 99     |
| 25) Isophorone                 | 9.62  | 82  | 825802  | 42.400 | ng | 99     |
| 26) 2-Nitrophenol              | 9.74  | 139 | 180473  | 45.620 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 9.83  | 122 | 314595  | 50.204 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 9.99  | 93  | 475511  | 38.913 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.13 | 162 | 310529  | 43.540 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.27 | 180 | 340108  | 40.829 | ng | 100    |
| 31) Naphthalene                | 10.39 | 128 | 1020532 | 42.404 | ng | 100    |
| 32) Benzoic acid               | 10.02 | 122 | 205368  | 45.333 | ng | 98     |
| 33) 4-Chloroaniline            | 10.47 | 127 | 237577  | 22.748 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.61 | 225 | 211784  | 40.415 | ng | 99     |
| 35) Caprolactam                | 11.05 | 113 | 101618m | 41.342 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.29 | 107 | 375236  | 44.376 | ng | 100    |
| 37) 2-Methylnaphthalene        | 11.52 | 142 | 702479  | 42.776 | ng | 97     |
| 38) 1-Methylnaphthalene        | 11.67 | 142 | 662164  | 42.684 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 11.79 | 216 | 341828  | 40.093 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\  
 Data File : BP001159.D  
 Acq On : 03 Dec 2019 17:10  
 Operator : JU  
 Sample : PB125130BSD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB125130BSD

Manual Integrations  
 APPROVED

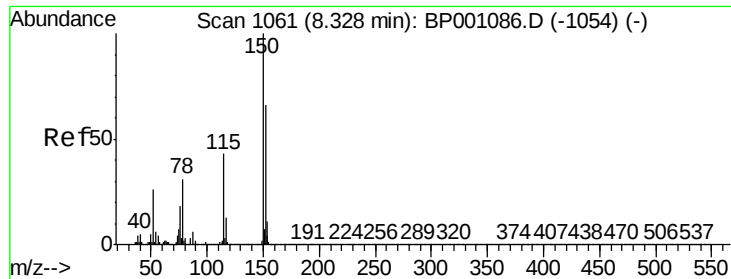
mohammad  
 12/4/2019 5:00:40 PM

Quant Time: Dec 04 04:17:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 27 17:38:46 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 11.79 | 237  | 308041   | 78.317 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 11.98 | 196  | 234947   | 42.204 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.04 | 196  | 247863   | 42.973 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 12.29 | 154  | 841136   | 40.230 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 12.31 | 162  | 662667   | 39.678 | nq    | 99       |
| 48) 2-Nitroaniline             | 12.47 | 65   | 268996   | 41.096 | nq    | 98       |
| 49) Acenaphthylene             | 12.98 | 152  | 1051151  | 41.989 | nq    | 99       |
| 50) Dimethylphthalate          | 12.81 | 163  | 811185   | 40.090 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 12.89 | 165  | 178008   | 41.097 | nq    | 94       |
| 52) Acenaphthene               | 13.27 | 154  | 613809   | 40.761 | nq    | 99       |
| 53) 3-Nitroaniline             | 13.15 | 138  | 134368   | 27.616 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 13.33 | 184  | 137181   | 77.757 | nq #  | 85       |
| 55) Dibenzofuran               | 13.56 | 168  | 951776   | 42.060 | nq    | 99       |
| 56) 4-Nitrophenol              | 13.45 | 139  | 302575   | 87.760 | nq #  | 80       |
| 57) 2,4-Dinitrotoluene         | 13.55 | 165  | 236332   | 43.530 | nq #  | 86       |
| 58) Fluorene                   | 14.12 | 166  | 757412   | 41.771 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 13.76 | 232  | 208582   | 43.992 | nq #  | 97       |
| 60) Diethylphthalate           | 13.98 | 149  | 827153   | 39.481 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 14.13 | 204  | 372399   | 40.331 | nq    | 94       |
| 62) 4-Nitroaniline             | 12.47 | 138  | 222896   | 39.513 | nq    | 94       |
| 63) Azobenzene                 | 14.40 | 77   | 931142   | 41.117 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 14.21 | 198  | 97221    | 45.132 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 14.33 | 169  | 654855   | 42.499 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 14.93 | 248  | 223009   | 40.506 | nq    | 95       |
| 68) Hexachlorobenzene          | 15.02 | 284  | 245369   | 40.538 | nq    | 99       |
| 69) Atrazine                   | 15.22 | 200  | 223298   | 47.463 | nq    | 98       |
| 70) Pentachlorophenol          | 15.33 | 266  | 288416   | 91.424 | nq    | 99       |
| 71) Phenanthrene               | 15.65 | 178  | 1120268  | 42.019 | nq    | 99       |
| 72) Anthracene                 | 15.73 | 178  | 1141178  | 43.427 | nq    | 100      |
| 73) Carbazole                  | 15.97 | 167  | 1016229  | 42.499 | nq    | 100      |
| 74) Di-n-butylphthalate        | 16.53 | 149  | 1292884  | 40.214 | nq    | 99       |
| 75) Fluoranthene               | 17.36 | 202  | 1228053  | 43.510 | nq    | 99       |
| 77) Benzidine                  | 17.55 | 184  | 142643   | 14.425 | nq    | 98       |
| 78) Pyrene                     | 17.67 | 202  | 1242545  | 41.192 | nq    | 100      |
| 80) Butylbenzylphthalate       | 18.55 | 149  | 544780   | 39.101 | nq    | 99       |
| 81) Benzo(a)anthracene         | 19.25 | 228  | 1077543  | 40.580 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 19.22 | 252  | 330431   | 37.667 | nq    | 99       |
| 83) Chrysene                   | 19.29 | 228  | 980425   | 41.232 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 19.30 | 149  | 711923   | 37.165 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 20.08 | 149  | 1257309  | 36.949 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 22.68 | 276  | 1066812  | 38.069 | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 20.55 | 252  | 1010280  | 48.360 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 20.58 | 252  | 960762   | 47.749 | nq    | 98       |
| 90) Benzo(a)pyrene             | 20.96 | 252  | 893378   | 46.427 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 22.71 | 278  | 893441   | 47.445 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 23.17 | 276  | 903870   | 48.609 | nq    | 98       |

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





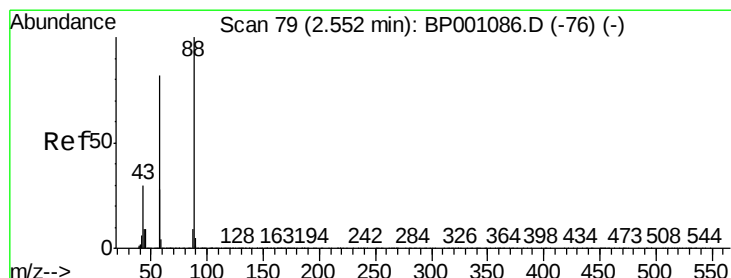
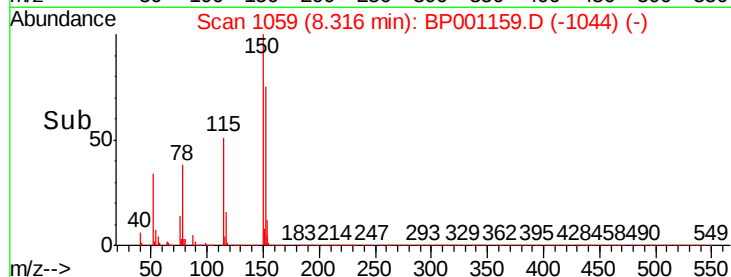
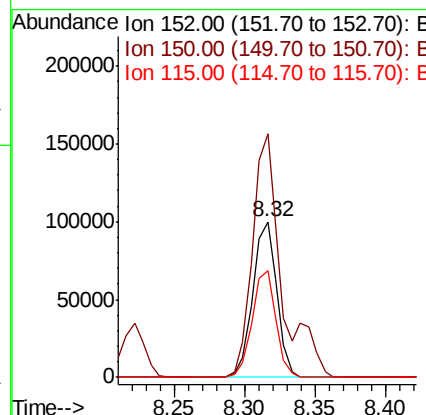
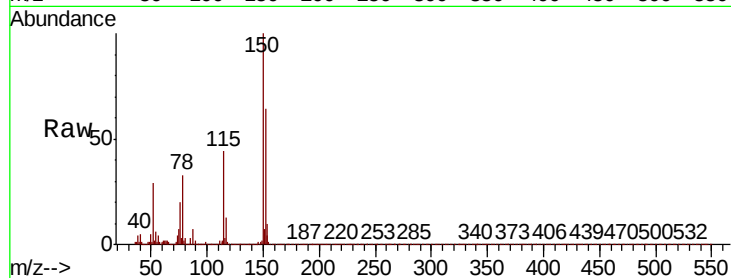
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.32 min Scan# 1059  
 Delta R.T. -0.01 min  
 Lab File: BP001159.D  
 Acq: 03 Dec 2019 17:10

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.3 | 120.6 | 181.0 |
| 115     | 68.1  | 51.6  | 77.4  |

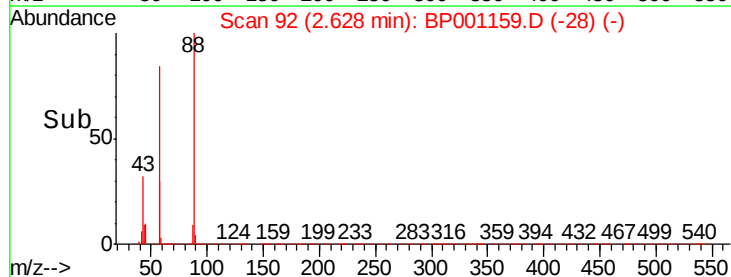
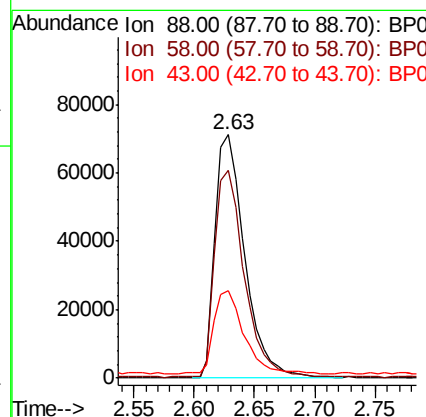
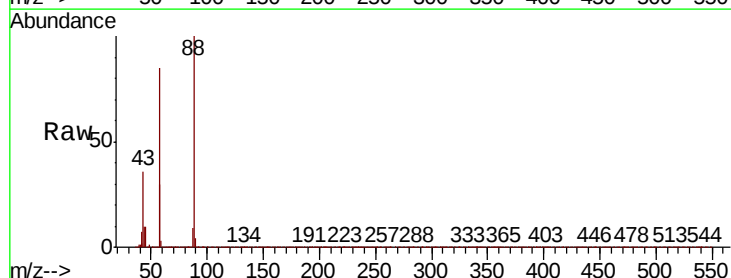
Manual Integrations  
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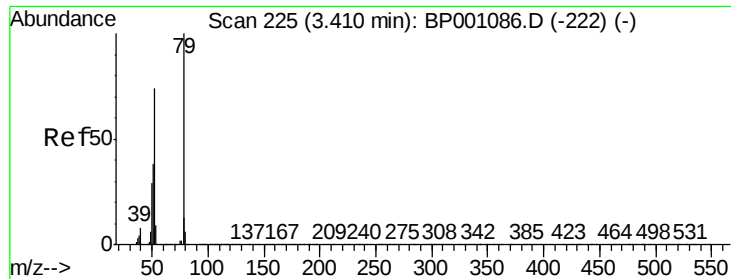
mohammad  
 12/4/2019 5:00:40 PM



#2  
 1,4-Dioxane  
 Concen: 36.267 ng  
 RT: 2.63 min Scan# 92  
 Delta R.T. 0.08 min  
 Lab File: BP001159.D  
 Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 84.7  | 64.3  | 96.5  |
| 43      | 35.1  | 23.8  | 35.6  |





#3

Pvridine

Concen: 32.837 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.07 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

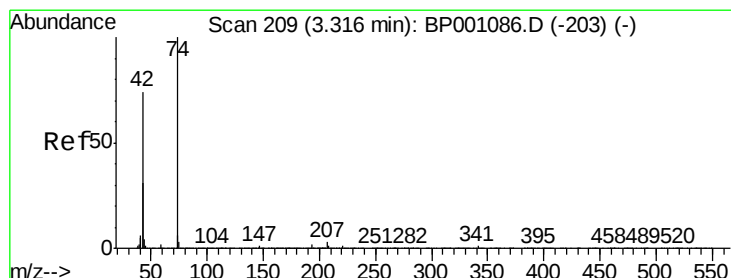
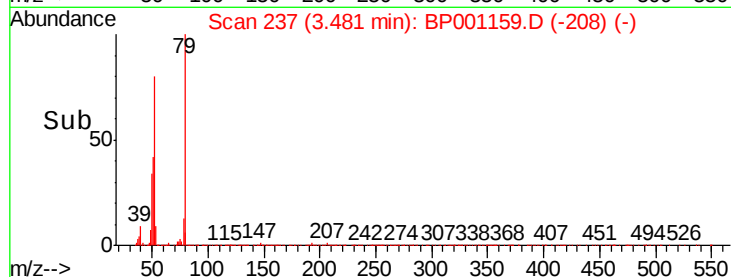
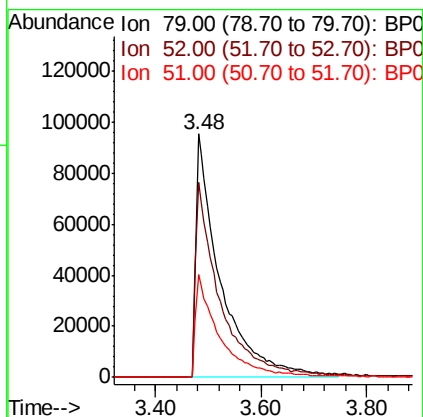
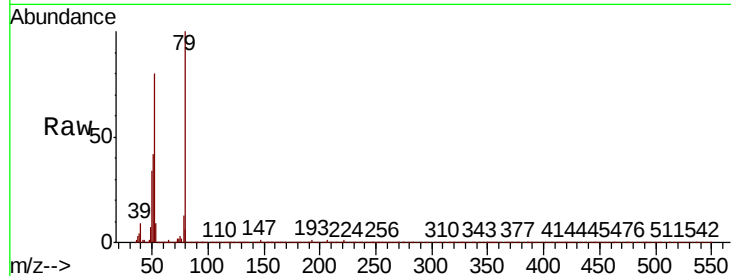
ClientSampleId :

PB125130BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 305703 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 79.9  | 59.4  | 89.2   |
| 51        | 42.0  | 30.2  | 45.4   |

Manual Integrations  
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12/4/2019 5:00:40 PM



#4

n-Nitrosodimethylamine

Concen: 48.255 ng

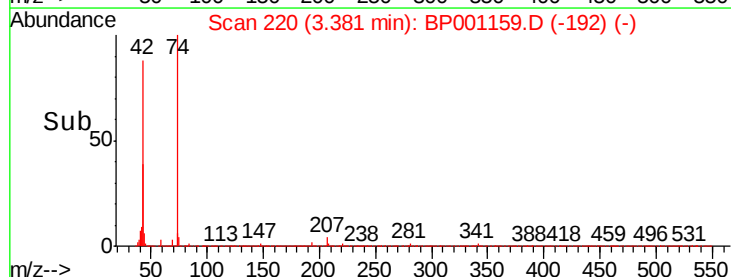
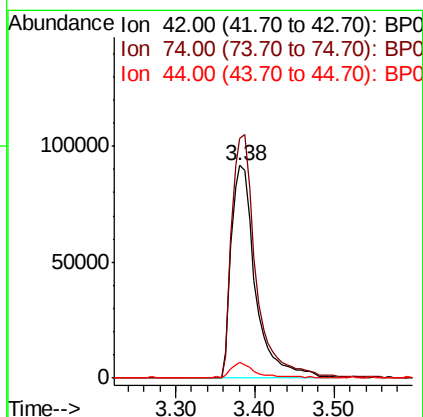
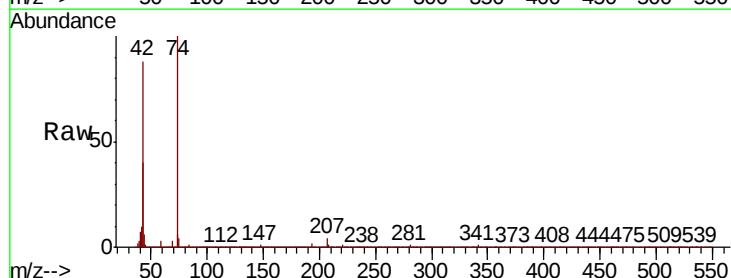
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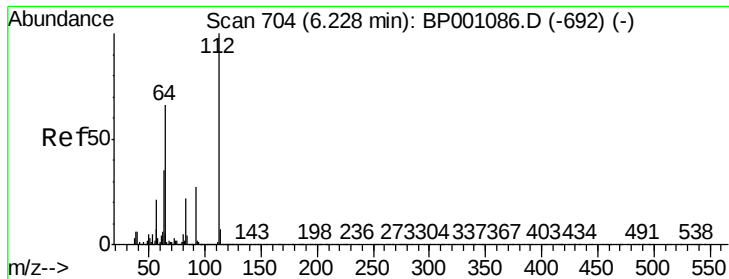
Delta R.T. 0.06 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 194396 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 113.2 | 108.6 | 163.0  |
| 44        | 7.2   | 5.1   | 7.7    |





#5

2-Fluorophenol

Concen: 132.900 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

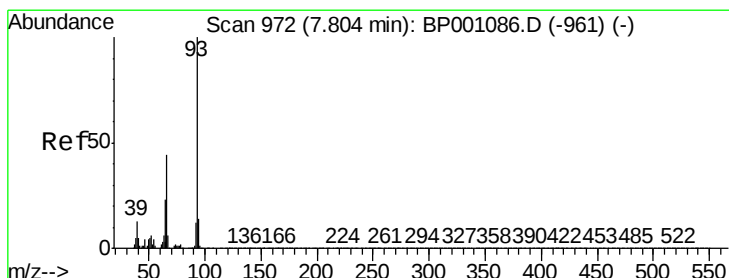
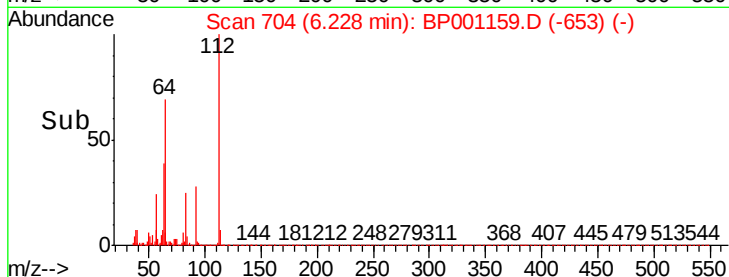
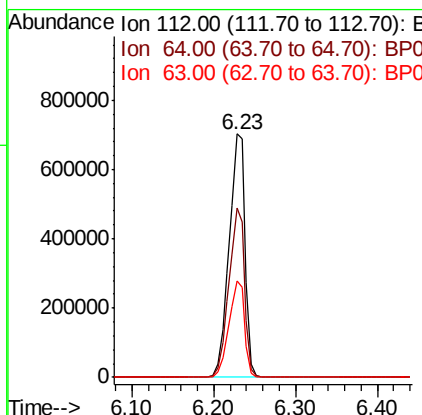
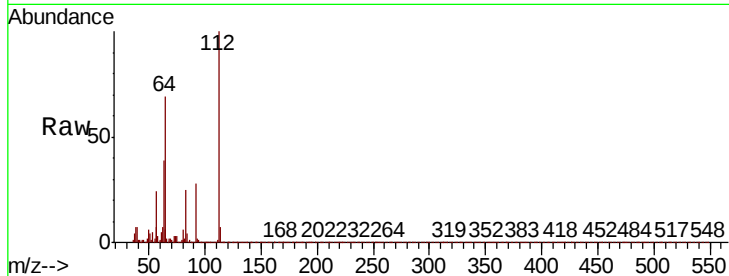
ClientSampleId :

PB125130BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 954581 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 69.4  | 52.8  | 79.2   |
| 63        | 39.4  | 28.2  | 42.2   |

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12/4/2019 5:00:40 PM



#6

Aniline

Concen: 28.668 ng

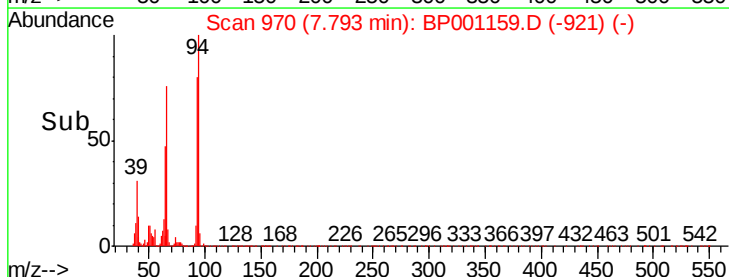
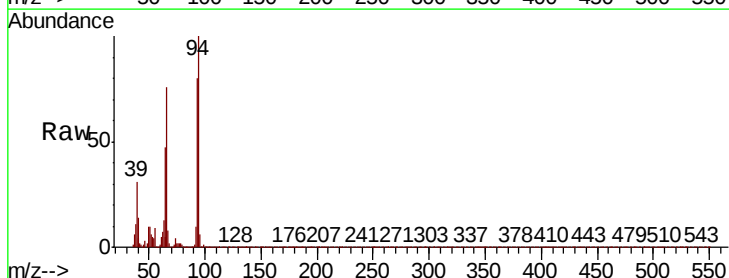
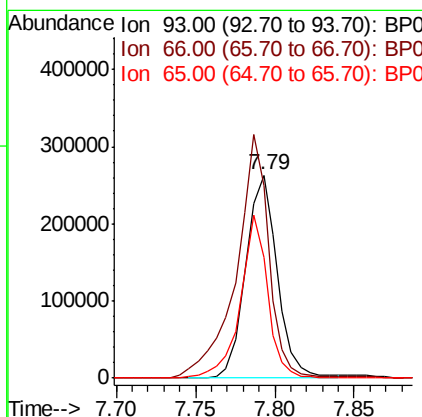
RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 363730 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 95.0  | 34.9  | 52.3#  |
| 65        | 59.2  | 18.5  | 27.7#  |





#7

Phenol-d6

Concen: 131.558 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

ClientSampleId :

PB125130BSD

Tot Ion: 99 Resp: 1258900

Ion Ratio Lower Upper

99 100

42 21.8 15.4 23.0

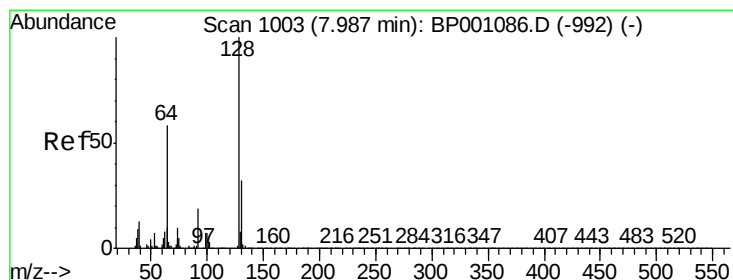
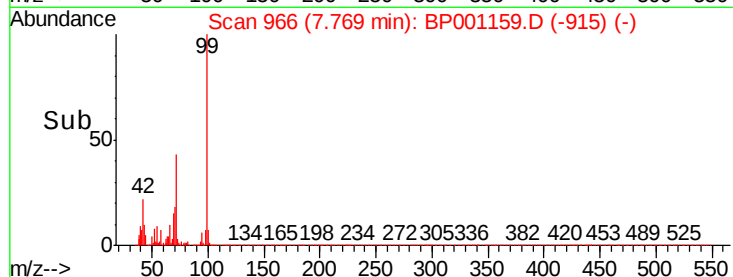
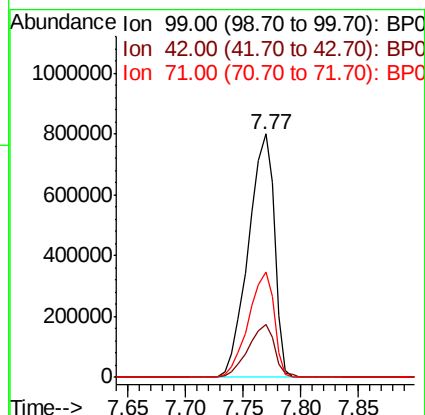
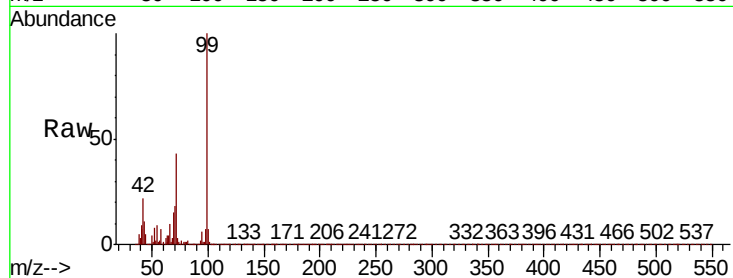
71 43.2 30.8 46.2

Manual Integrations

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mohammad

12/4/2019 5:00:40 PM



#8

2-Chlorophenol

Concen: 47.482 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

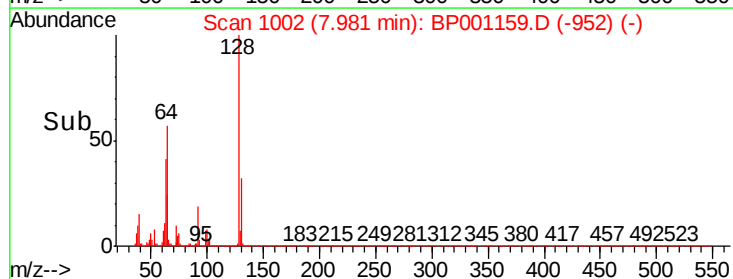
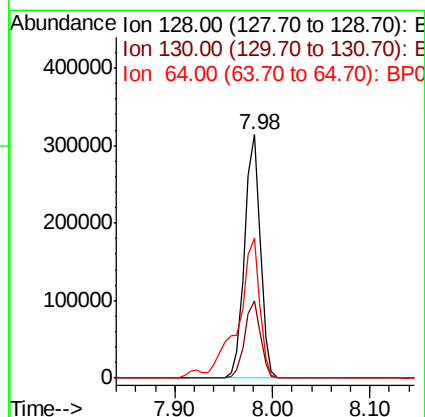
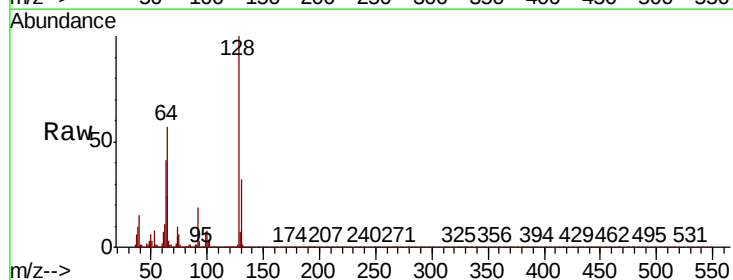
Tgt Ion: 128 Resp: 352860

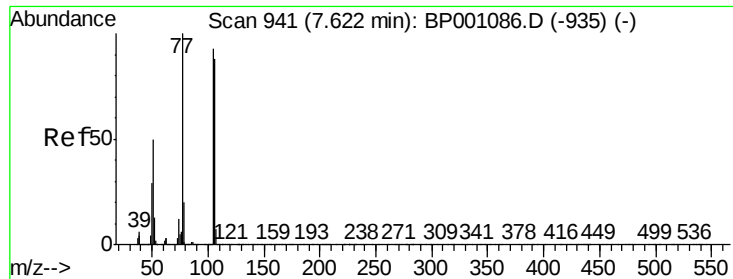
Ion Ratio Lower Upper

128 100

130 31.8 11.7 51.7

64 57.2 39.7 79.7





#9

Benzaldehyde

Concen: 28.423 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

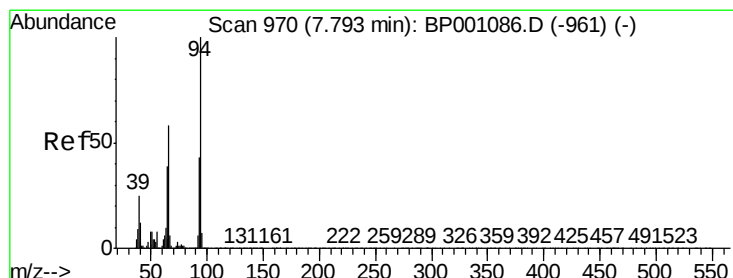
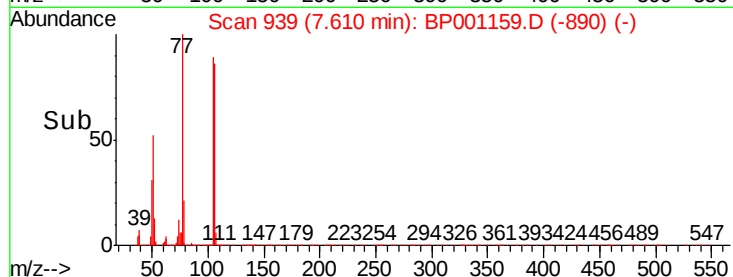
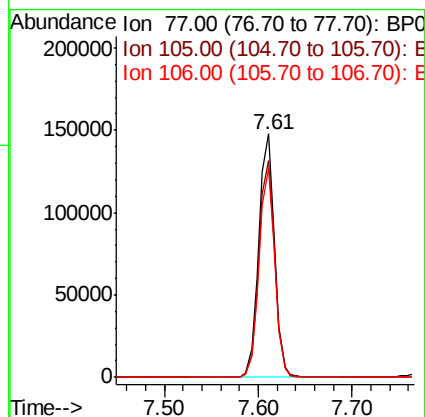
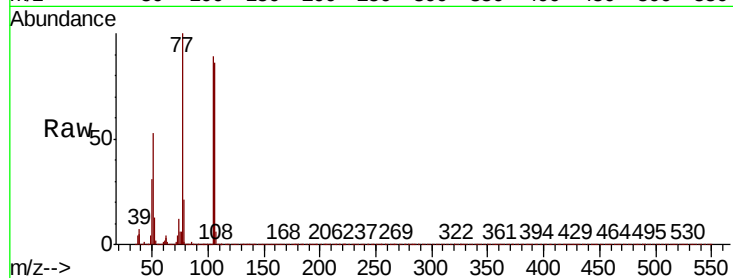
ClientSampleId :

PB125130BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 171106 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 88.9  | 72.5  | 112.5  |
| 106       | 85.9  | 67.6  | 107.6  |

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#10

Phenol

Concen: 45.552 ng

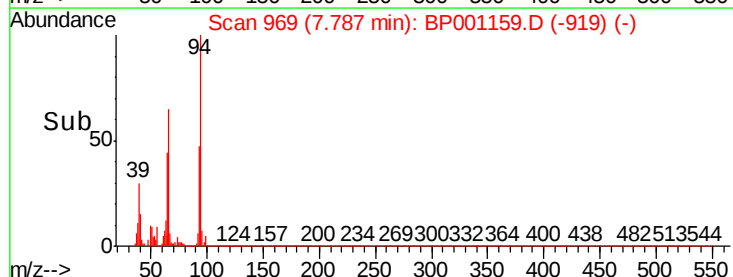
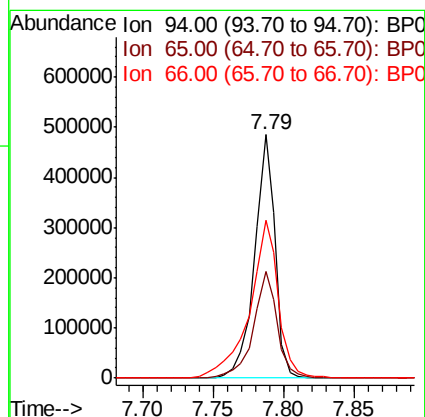
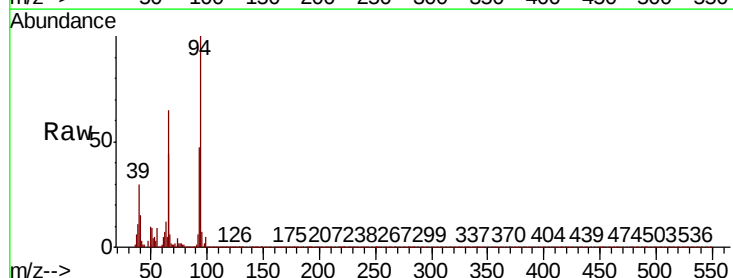
RT: 7.79 min Scan# 969

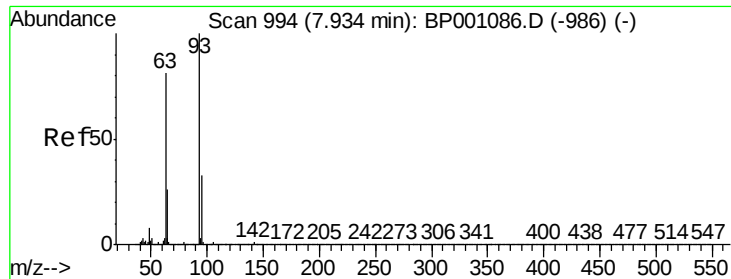
Delta R.T. -0.01 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 495818 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 43.6  | 18.6  | 58.6   |
| 66        | 65.0  | 37.6  | 77.6   |





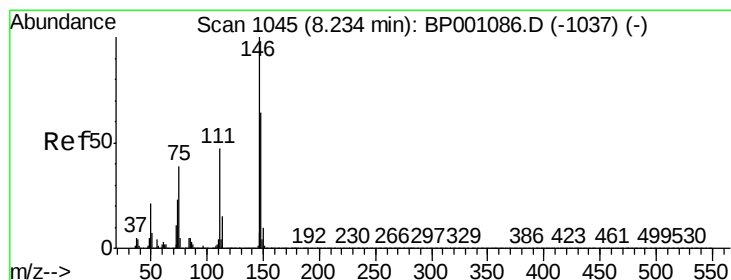
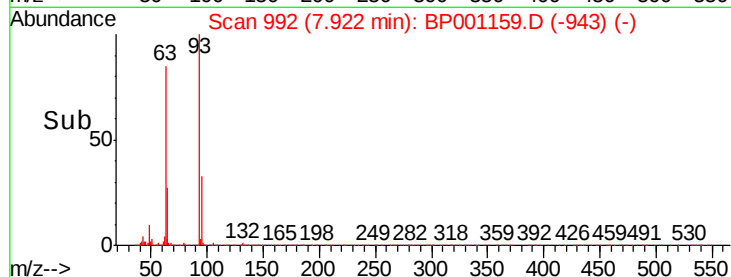
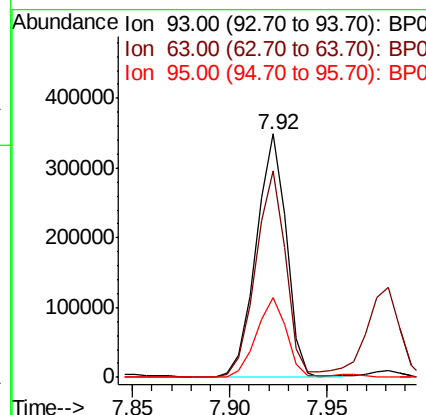
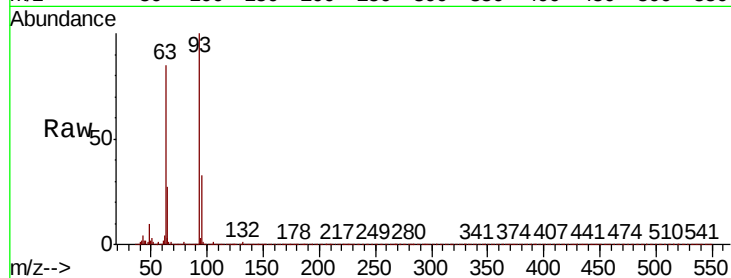
#11  
bis(2-Chloroethyl)ether  
Concen: 43.671 ng  
RT: 7.92 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 84.6  | 60.7  | 100.7 |
| 95      | 32.8  | 12.7  | 52.7  |

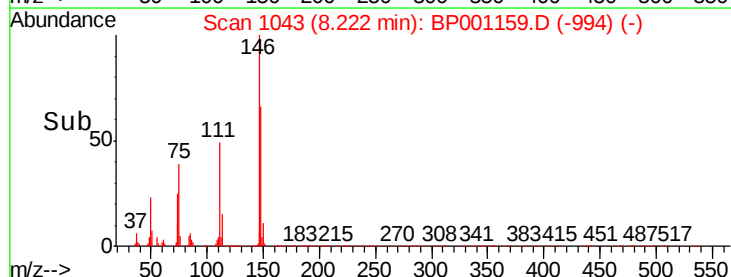
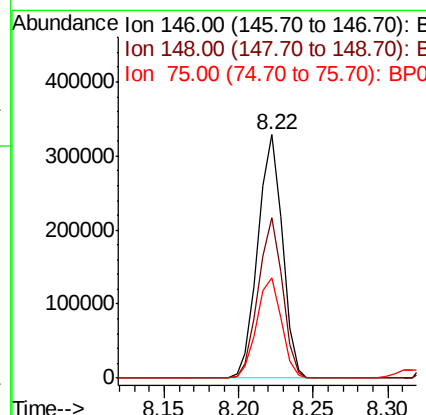
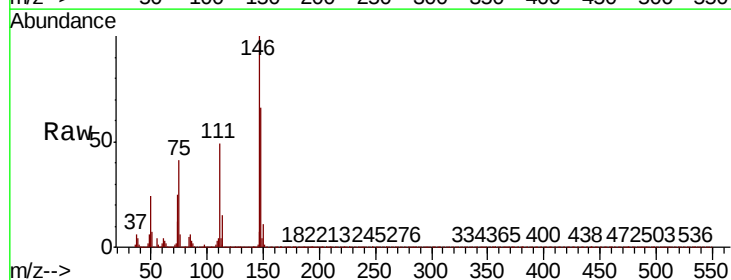
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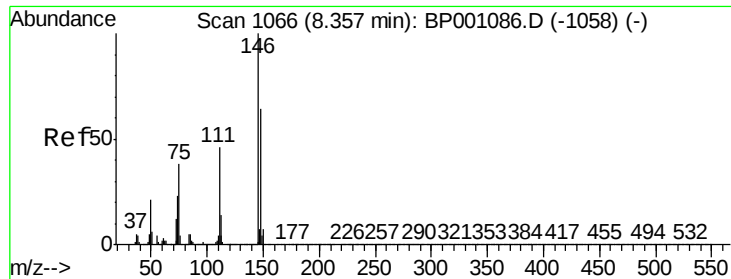
mohammad  
12/4/2019 5:00:40 PM



#12  
1,3-Dichlorobenzene  
Concen: 42.058 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.9  | 51.1  | 76.7  |
| 75      | 41.4  | 31.3  | 46.9  |





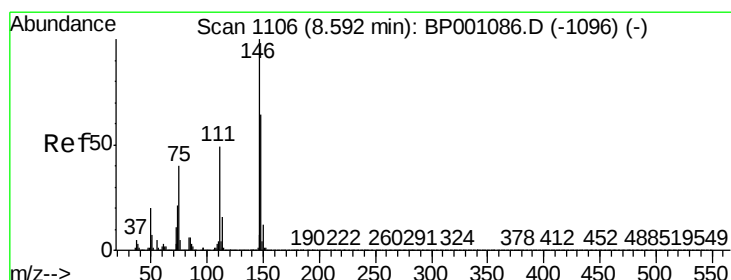
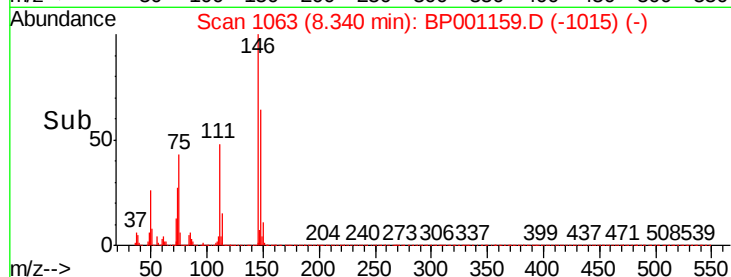
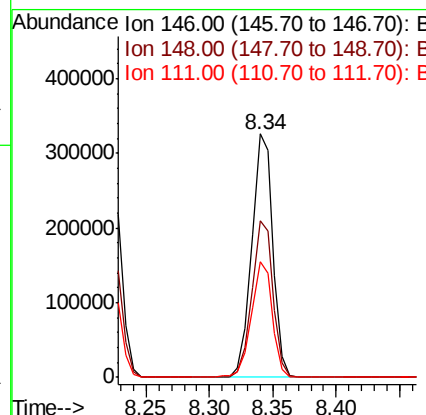
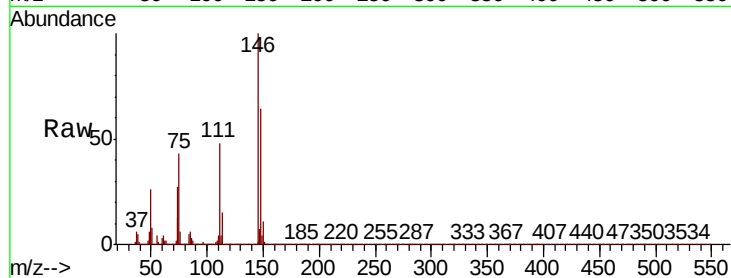
#13  
1,4-Dichlorobenzene  
Concen: 42.410 ng  
RT: 8.34 min Scan# 1063  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 51.6  | 77.4  |
| 111     | 47.7  | 37.0  | 55.6  |

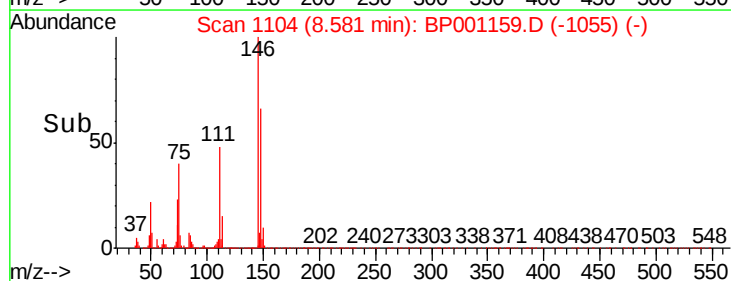
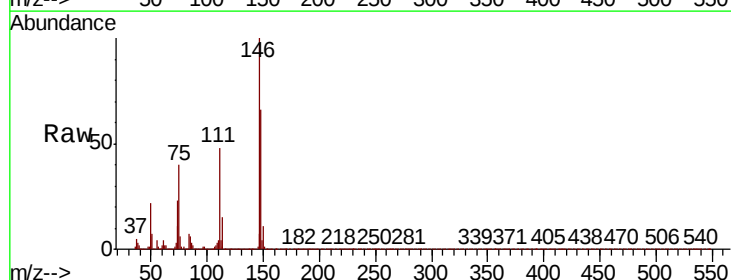
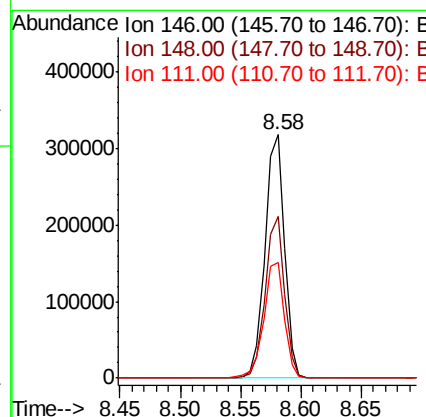
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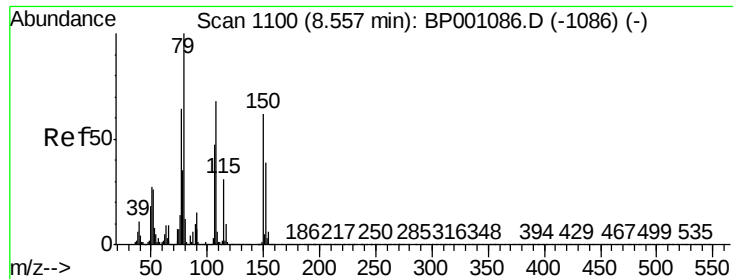
mohammad  
12/4/2019 5:00:40 PM



#14  
1,2-Dichlorobenzene  
Concen: 43.181 ng  
RT: 8.58 min Scan# 1104  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.2  | 51.5  | 77.3  |
| 111     | 47.7  | 39.3  | 58.9  |





#15

Benzyl Alcohol

Concen: 48.578 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

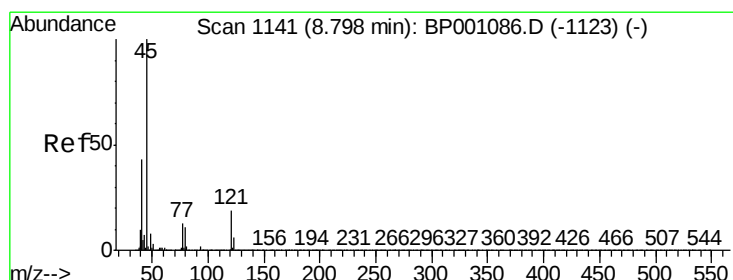
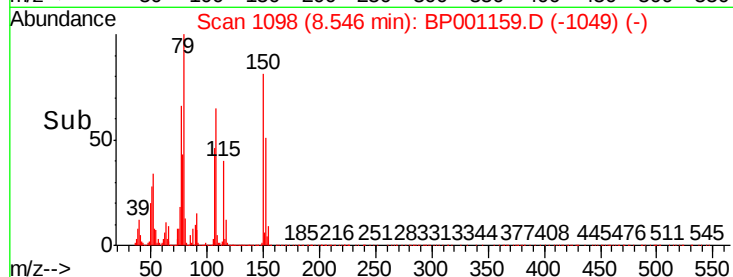
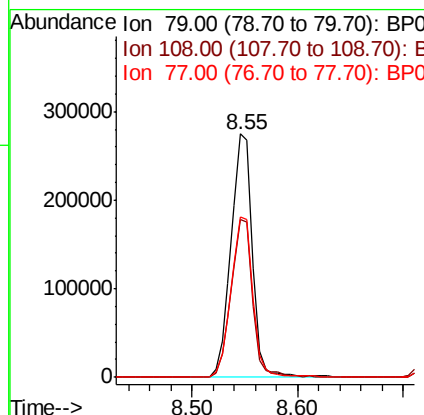
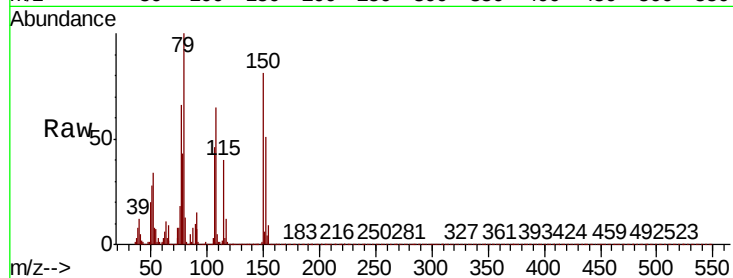
ClientSampleId :

PB125130BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 381583 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 64.9  | 54.8  | 82.2   |
| 77        | 65.8  | 51.4  | 77.2   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.433 ng

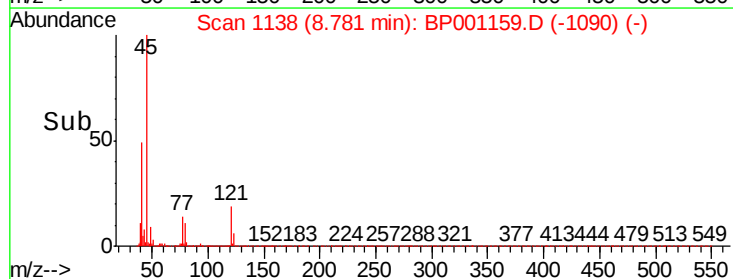
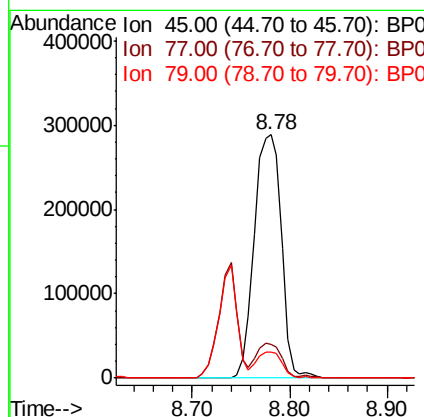
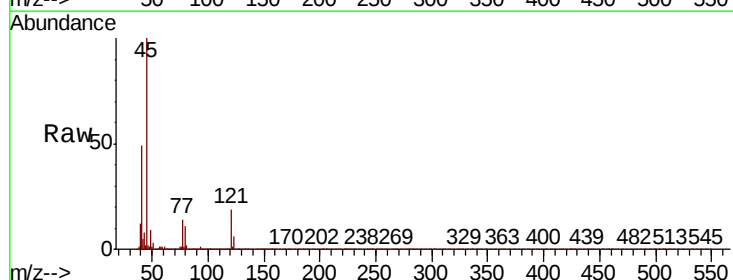
RT: 8.78 min Scan# 1138

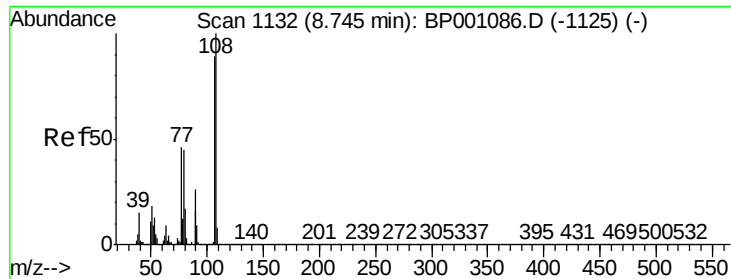
Delta R.T. -0.02 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 564595 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.0  | 0.0   | 33.3   |
| 79        | 10.5  | 0.0   | 30.9   |





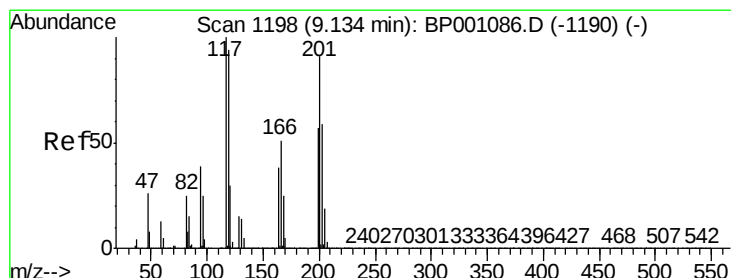
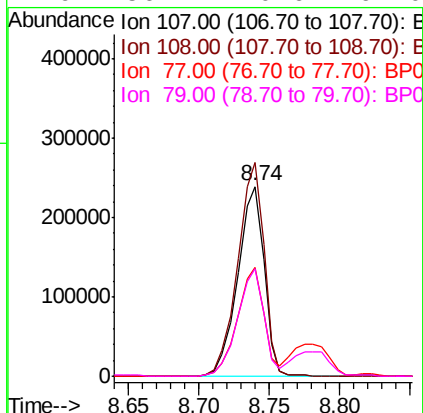
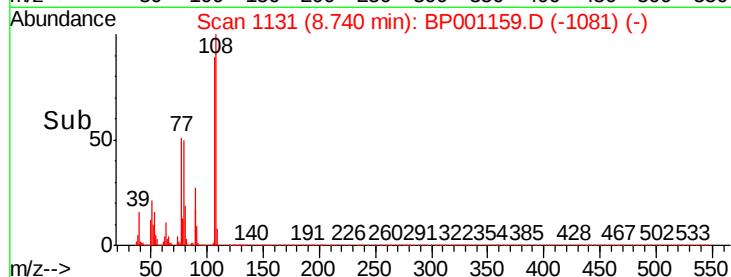
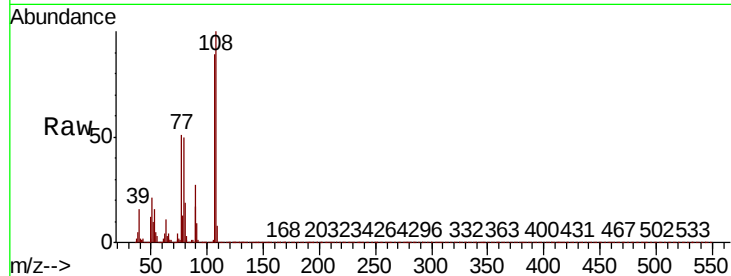
#17  
2-Methylphenol  
Concen: 45.759 ng  
RT: 8.74 min Scan# 1131  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.7 | 89.8 | 134.6 |       |
| 77      | 57.7  | 41.4 | 62.2  |       |
| 79      | 56.4  | 40.6 | 61.0  |       |

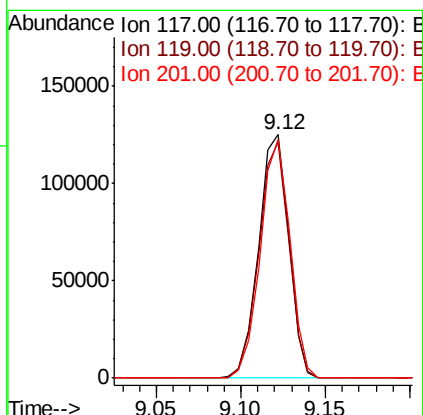
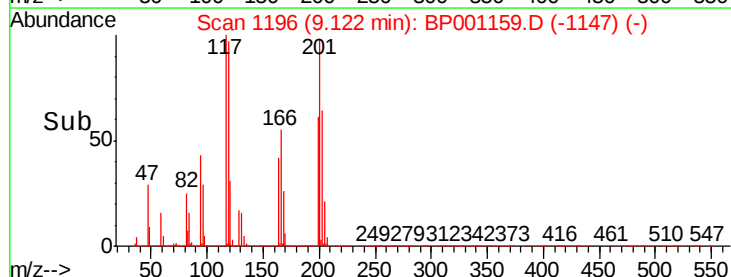
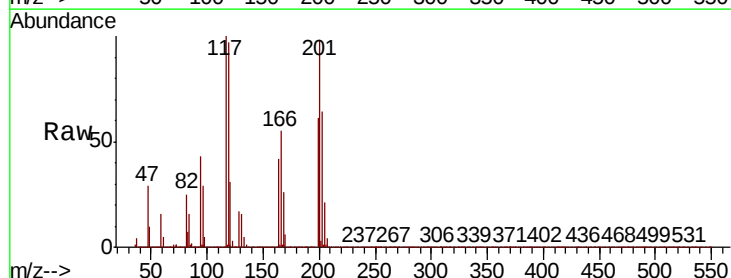
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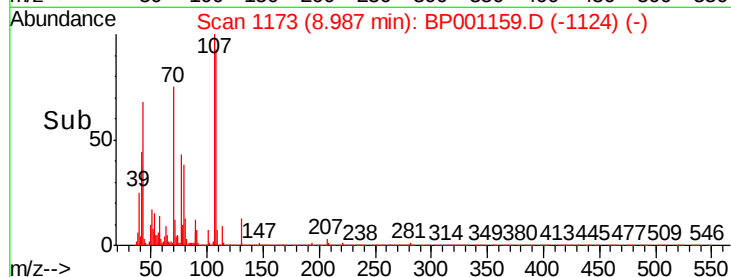
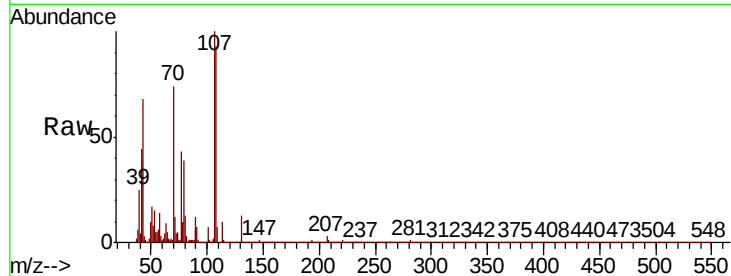
mohammad  
12/4/2019 5:00:40 PM



#18  
Hexachloroethane  
Concen: 42.473 ng  
RT: 9.12 min Scan# 1196  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 97.0  | 75.2 | 112.8 |       |
| 201     | 98.1  | 72.5 | 108.7 |       |





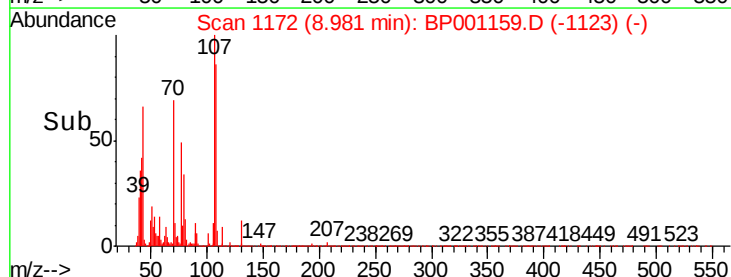
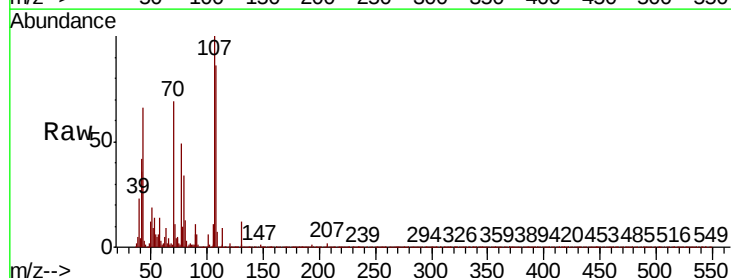
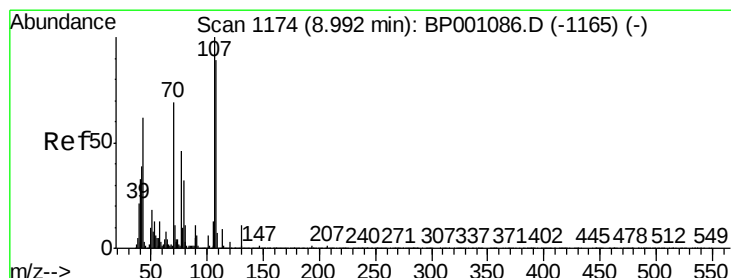
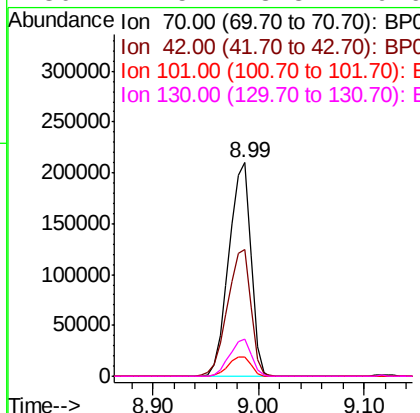
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.627 ng  
RT: 8.99 min Scan# 1173  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 59.4 | 44.6  | 66.8 |       |       |
| 101     | 9.2  | 7.1   | 10.7 |       |       |
| 130     | 17.5 | 13.8  | 20.6 |       |       |

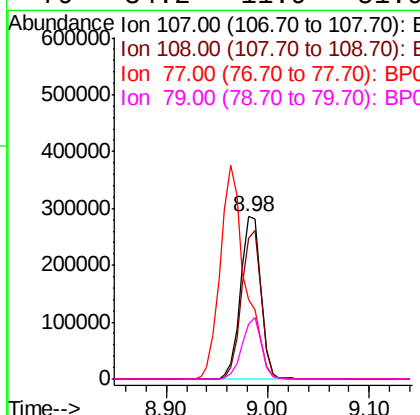
Manual Integrations  
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12/4/2019 5:00:40 PM



#20  
3+4-Methylphenols  
Concen: 46.411 ng  
RT: 8.98 min Scan# 1172  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 86.4 | 68.9  | 108.9 |       |       |
| 77      | 48.7 | 25.9  | 65.9  |       |       |
| 79      | 34.2 | 11.9  | 51.9  |       |       |





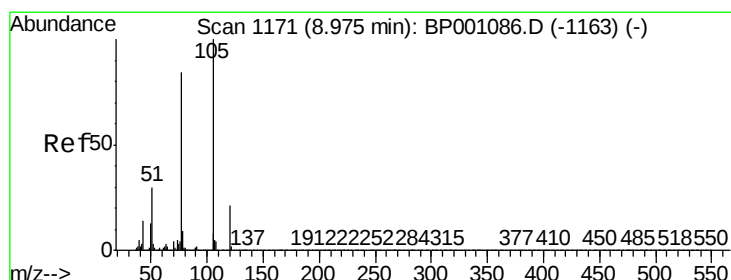
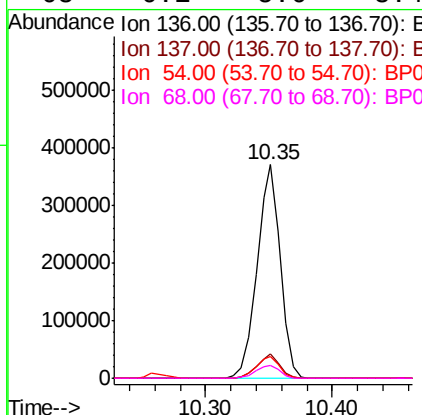
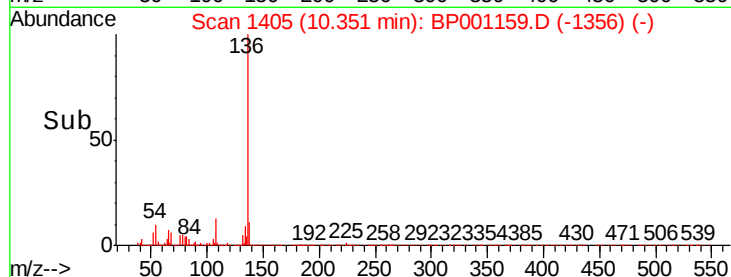
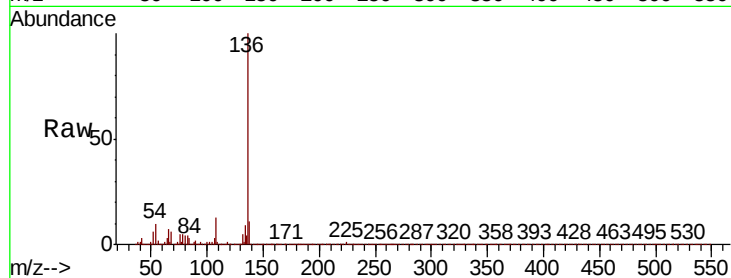
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.35 min Scan# 1405  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 471228 |       |       |
| 137     | 11.4  | 8.8    | 13.2  |       |
| 54      | 10.1  | 7.9    | 11.9  |       |
| 68      | 6.1   | 5.6    | 8.4   |       |

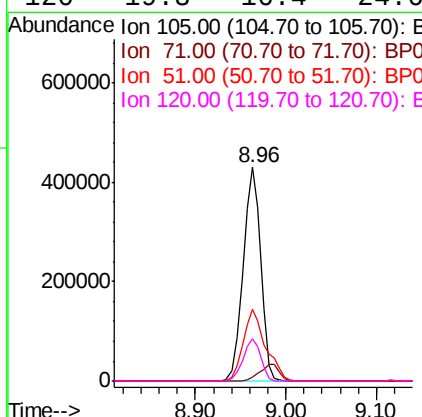
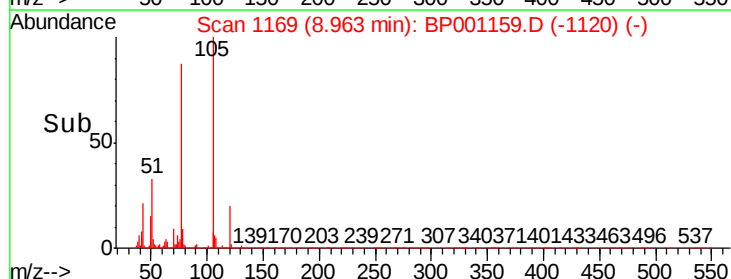
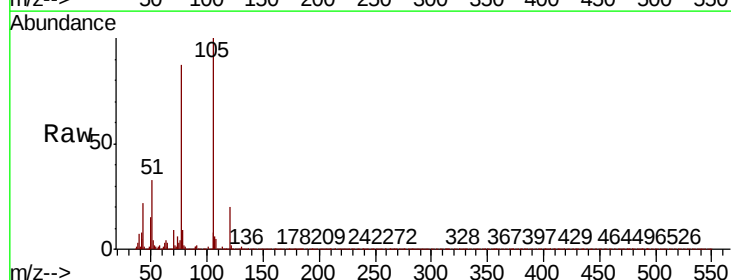
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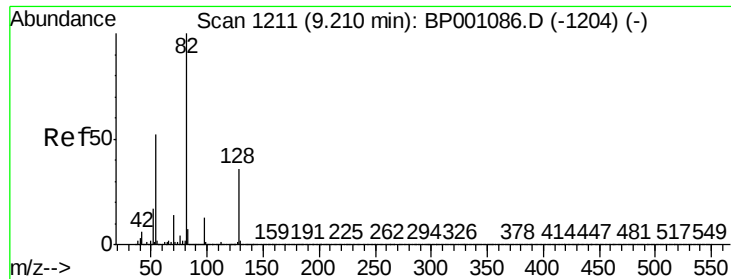
mohammad  
12/4/2019 5:00:40 PM



#22  
Acetophenone  
Concen: 41.564 ng  
RT: 8.96 min Scan# 1169  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 575667 |       |       |
| 71      | 1.5   | 0.5    | 0.7#  |       |
| 51      | 33.5  | 24.2   | 36.4  |       |
| 120     | 19.8  | 16.4   | 24.6  |       |





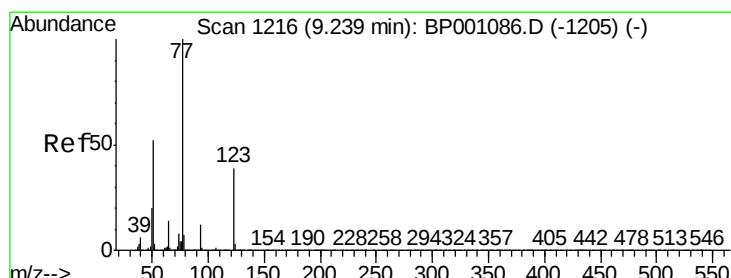
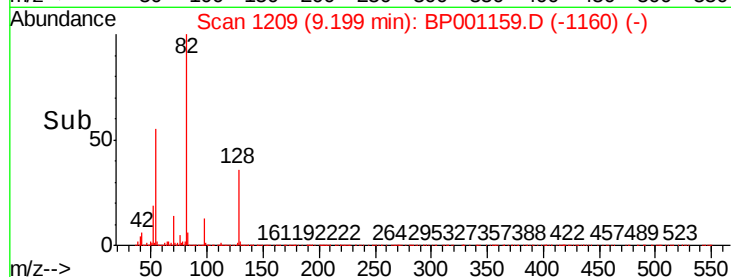
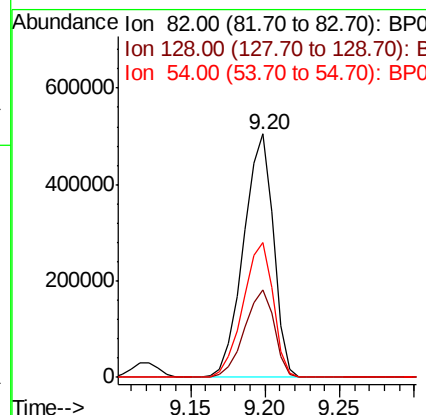
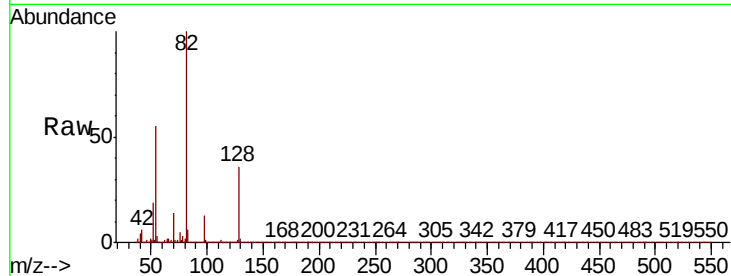
#23  
Nitrobenzene-d5  
Concen: 64.527 ng  
RT: 9.20 min Scan# 1209  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.1  | 28.9  | 43.3  |
| 54      | 55.1  | 41.9  | 62.9  |

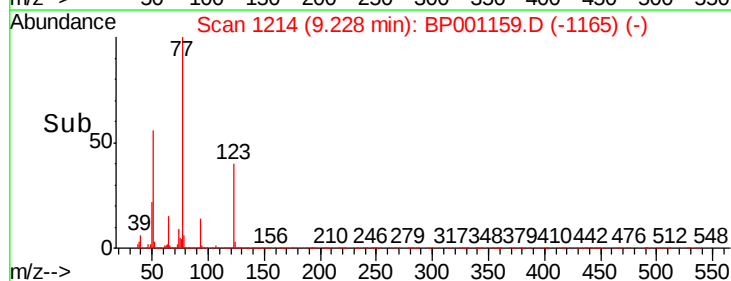
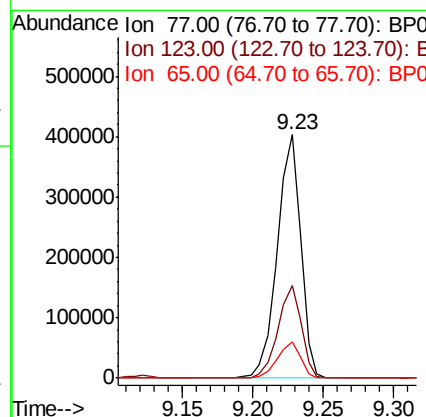
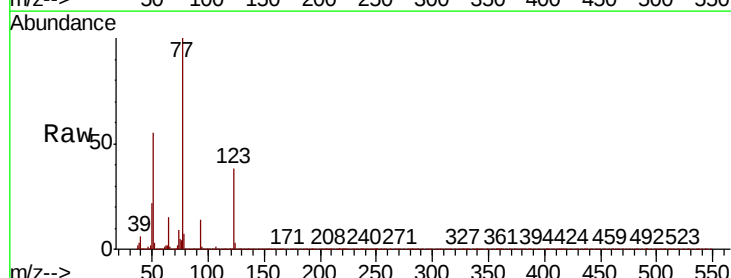
Manual Integrations  
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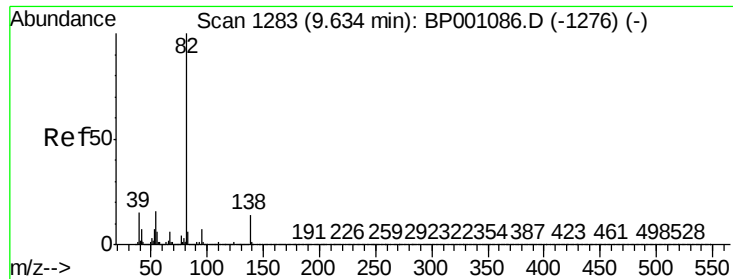
mohammad  
12/4/2019 5:00:40 PM



#24  
Nitrobenzene  
Concen: 43.438 ng  
RT: 9.23 min Scan# 1214  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 38.1  | 31.0  | 46.4  |
| 65      | 14.7  | 11.0  | 16.6  |





#25

Isophorone

Concen: 42.400 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

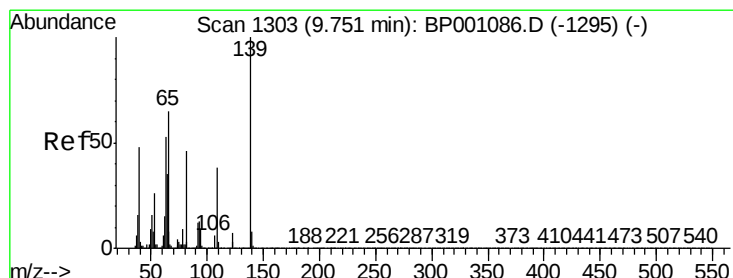
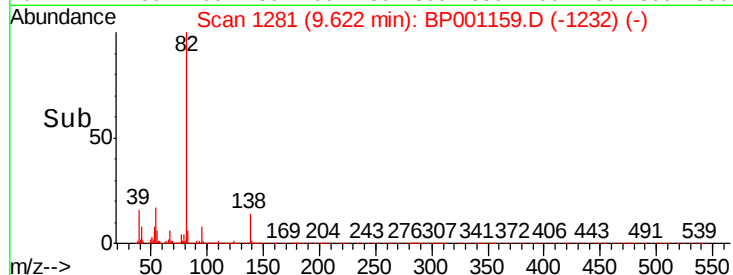
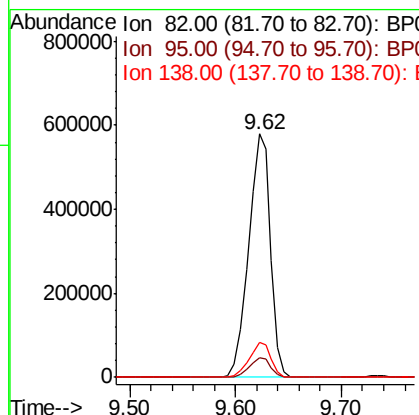
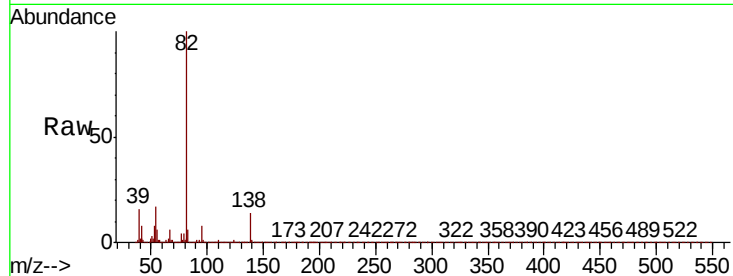
ClientSampleId :

PB125130BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 825802 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.9   | 5.7   | 8.5    |
| 138       | 14.2  | 11.3  | 16.9   |

Manual Integrations  
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12/4/2019 5:00:40 PM



#26

2-Nitrophenol

Concen: 45.620 ng

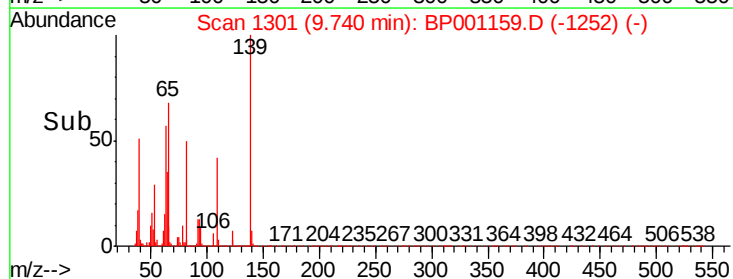
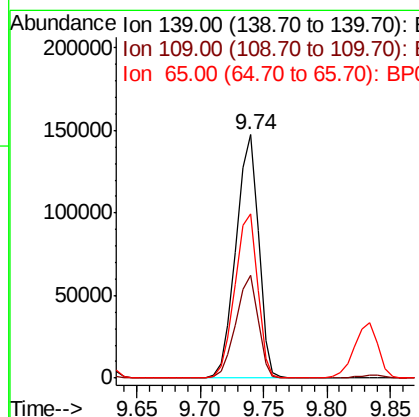
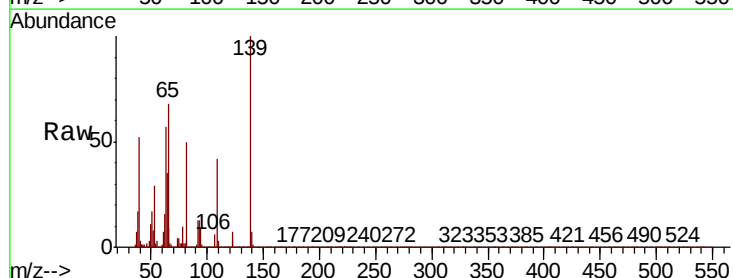
RT: 9.74 min Scan# 1301

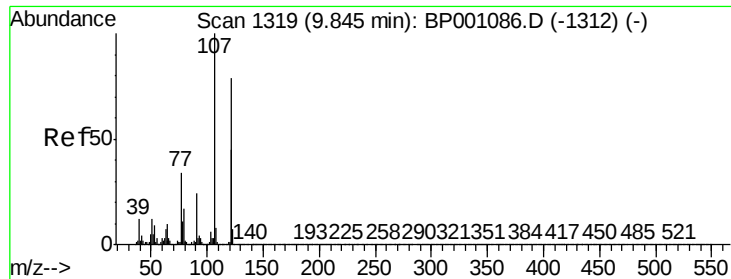
Delta R.T. -0.01 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 180473 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 42.4  | 30.6  | 45.8   |
| 65        | 67.7  | 51.8  | 77.8   |





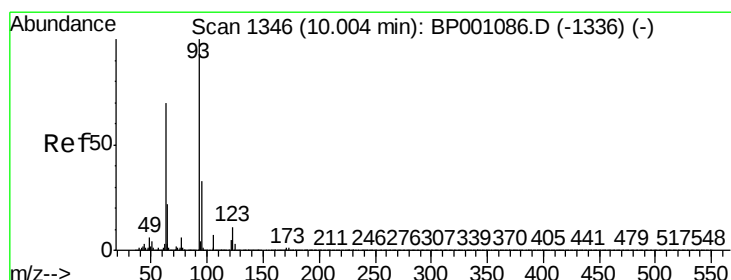
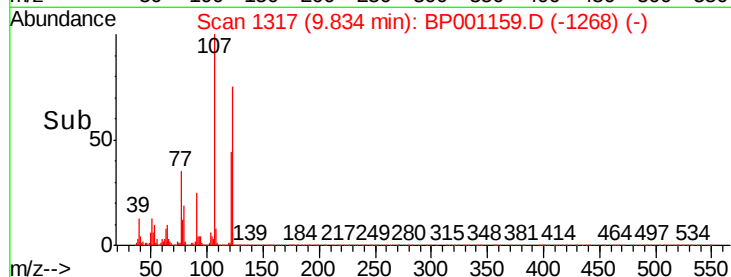
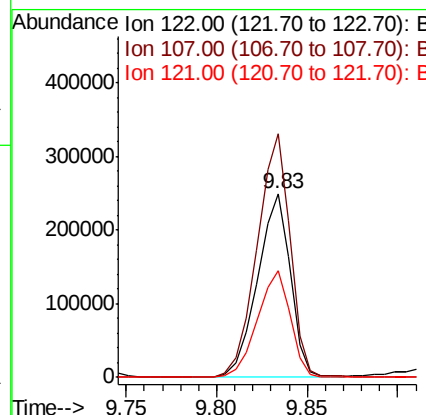
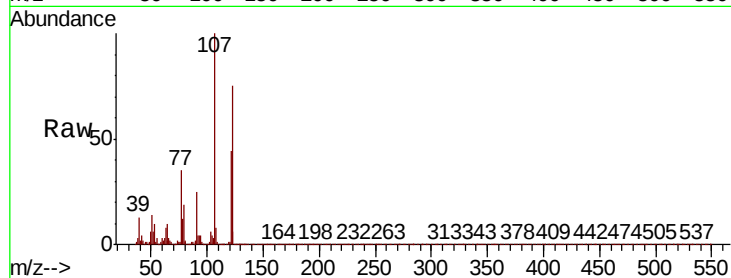
#27  
2,4-Dimethylphenol  
Concen: 50.204 ng  
RT: 9.83 min Scan# 1317  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 107     | 132.6 | 101.9 | 152.9 |       |
| 121     | 58.2  | 46.1  | 69.1  |       |

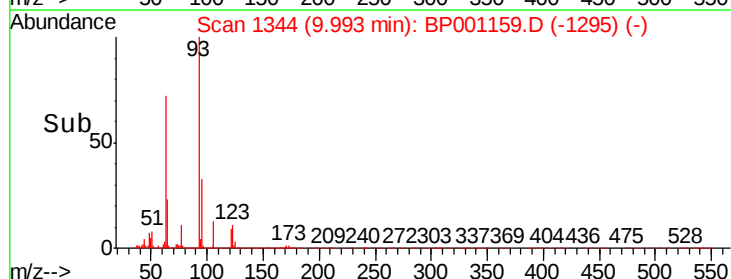
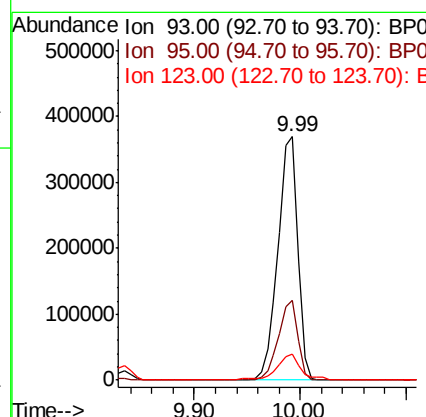
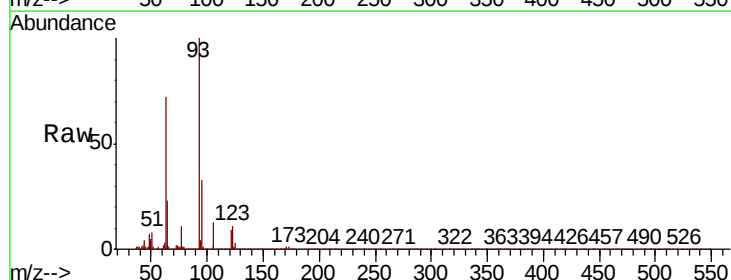
Manual Integrations  
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12/4/2019 5:00:40 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.913 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 95      | 32.9  | 26.0 | 39.0  |       |
| 123     | 10.7  | 8.9  | 13.3  |       |





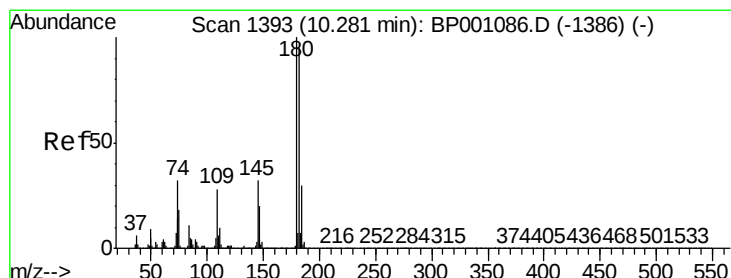
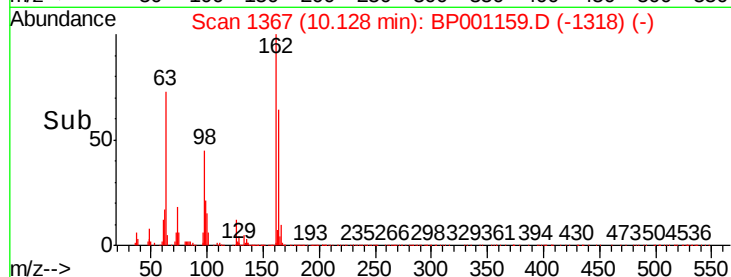
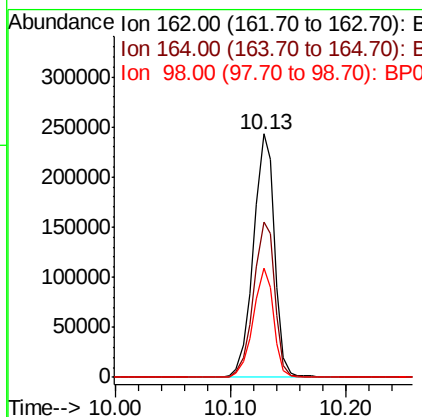
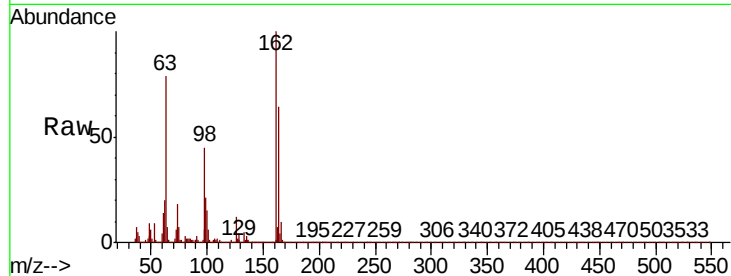
#29  
2,4-Dichlorophenol  
Concen: 43.540 ng  
RT: 10.13 min Scan# 1367  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 63.9  | 45.1       | 85.1       |
| 98      | 45.1  | 23.4       | 63.4       |

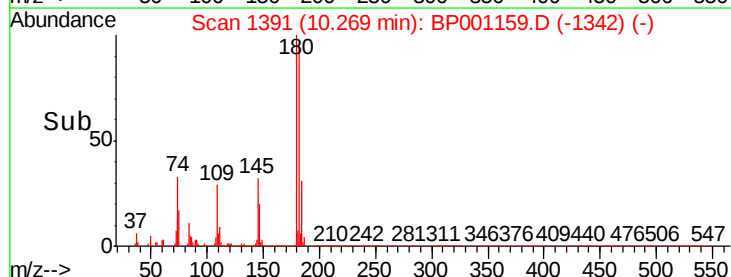
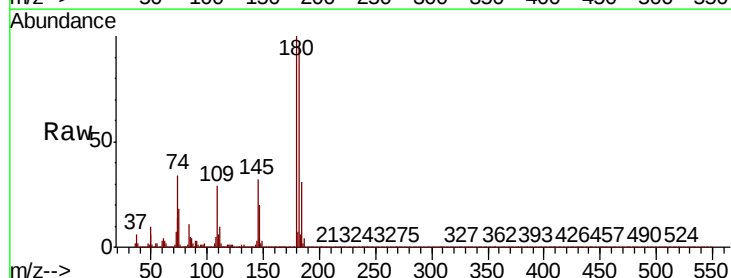
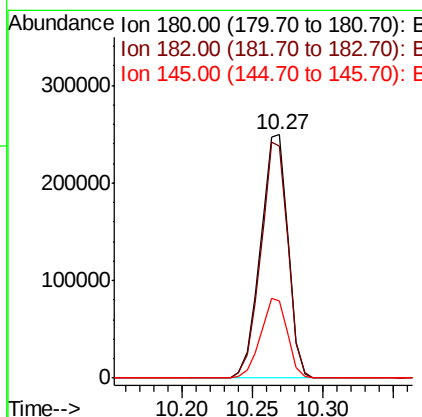
Manual Integrations  
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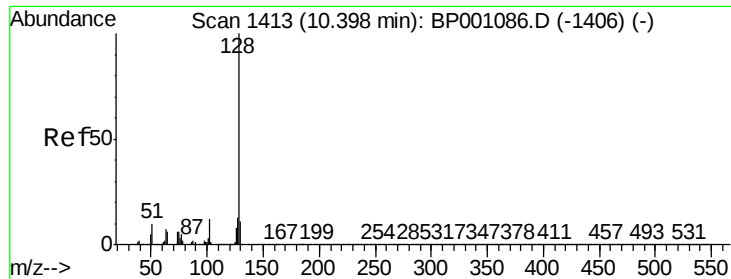
mohammad  
12/4/2019 5:00:40 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 40.829 ng  
RT: 10.27 min Scan# 1391  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 95.3  | 76.3       | 114.5      |
| 145     | 31.7  | 25.4       | 38.2       |





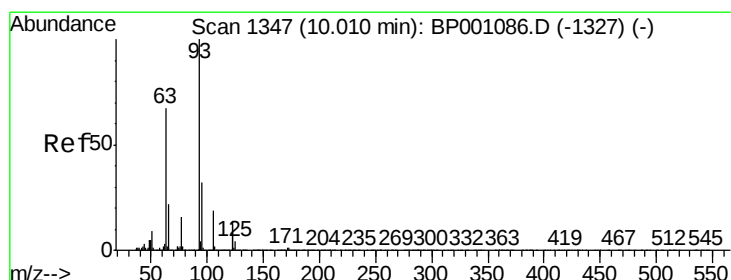
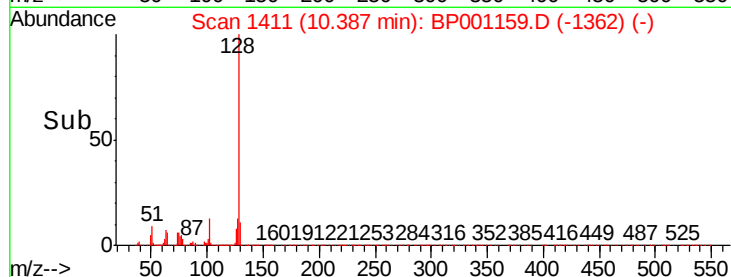
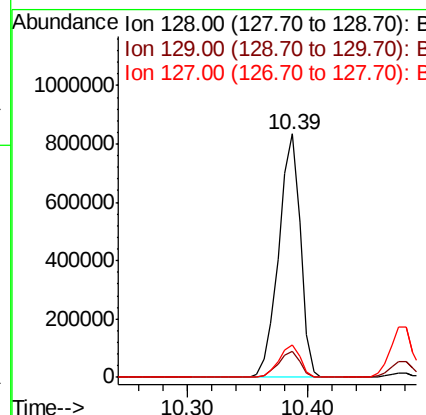
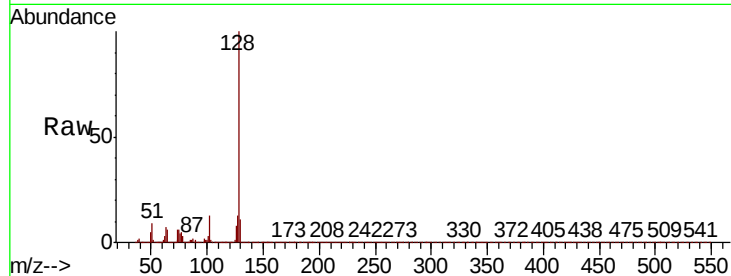
#31  
Naphthalene  
Concen: 42.404 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.8   | 13.2  |
| 127     | 13.5  | 10.6  | 16.0  |

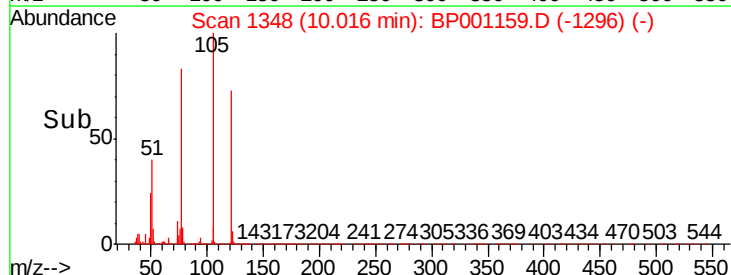
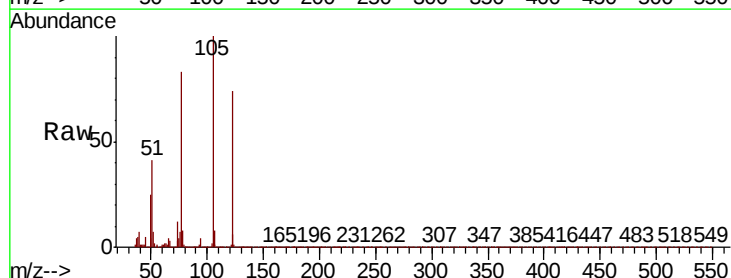
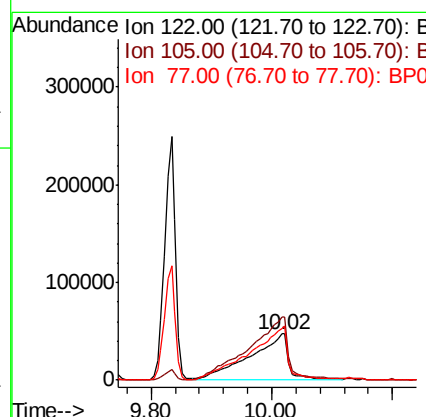
Manual Integrations  
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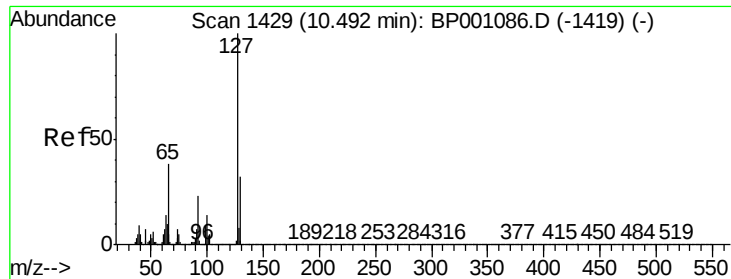
mohammad  
12/4/2019 5:00:40 PM



#32  
Benzoic acid  
Concen: 45.333 ng  
RT: 10.02 min Scan# 1348  
Delta R.T. 0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 135.6 | 116.8 | 156.8 |
| 77      | 112.4 | 95.0  | 135.0 |





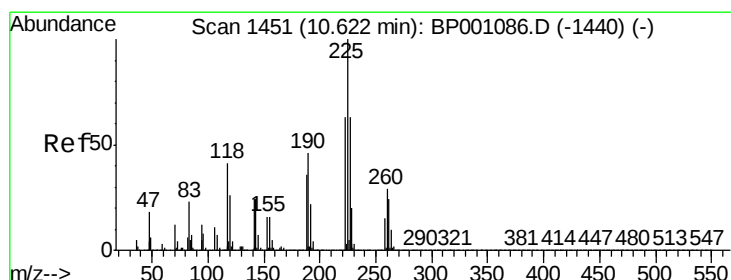
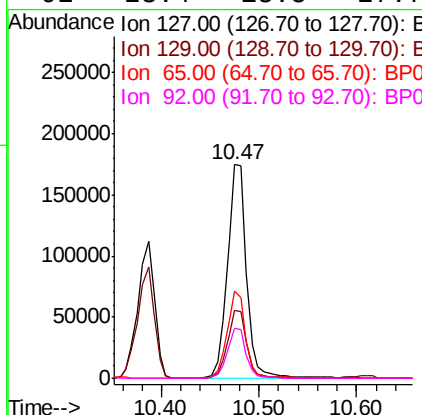
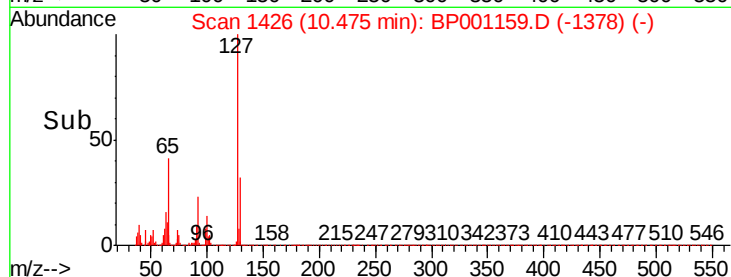
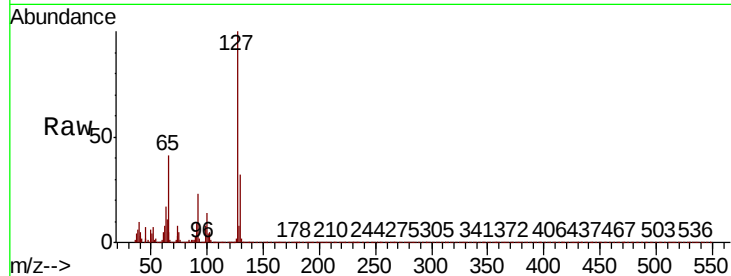
#33  
4-Chloroaniline  
Concen: 22.748 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ion  | Ratio | Resp Lower | Upper |
|---------|------|-------|------------|-------|
| 127     | 100  |       |            |       |
| 129     | 31.6 | 25.5  | 38.3       |       |
| 65      | 40.8 | 30.6  | 46.0       |       |
| 92      | 23.4 | 18.5  | 27.7       |       |

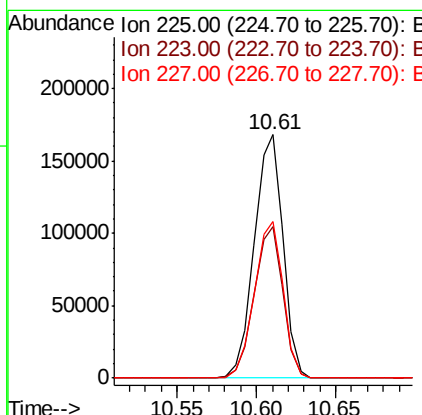
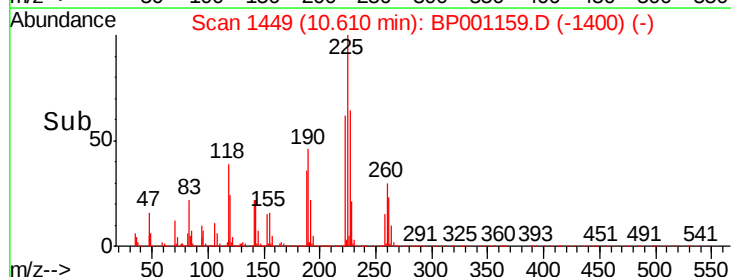
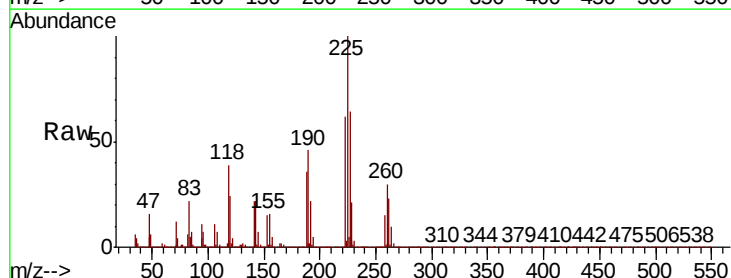
Manual Integrations  
APPROVED

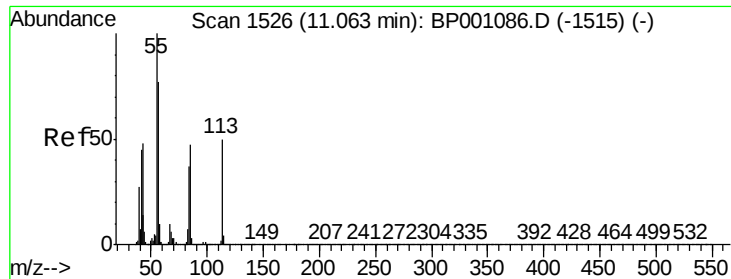
mohammad  
12/4/2019 5:00:40 PM



#34  
Hexachlorobutadiene  
Concen: 40.415 ng  
RT: 10.61 min Scan# 1449  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ion  | Ratio | Resp Lower | Upper |
|---------|------|-------|------------|-------|
| 225     | 100  |       |            |       |
| 223     | 62.4 | 50.0  | 75.0       |       |
| 227     | 64.2 | 50.0  | 75.0       |       |





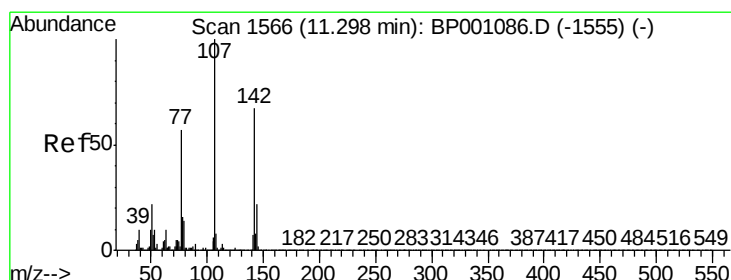
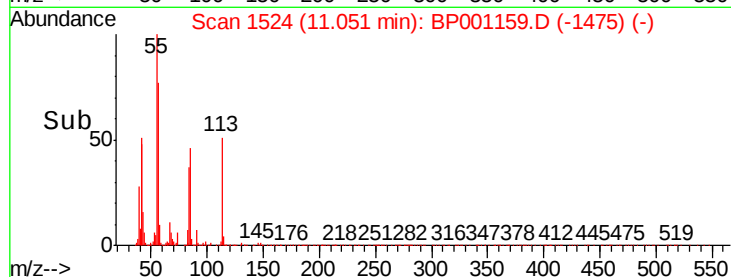
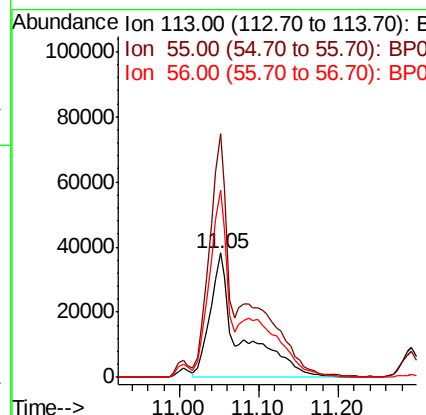
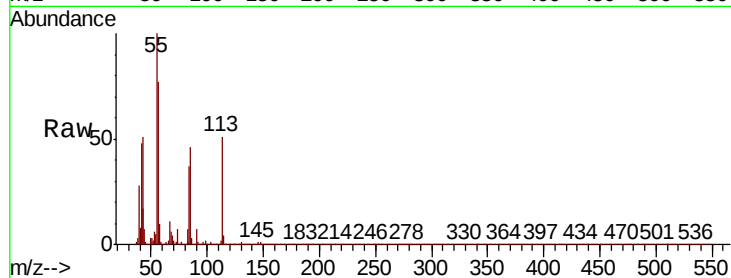
#35  
Caprolactam  
Concen: 41.342 ng/ml  
RT: 11.05 min Scan# 1524  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleID :  
PB125130BSD

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 113     | 100   |       |       |       |       |
| 55      | 195.8 | 181.2 | 221.2 |       |       |
| 56      | 150.6 | 134.7 | 174.7 |       |       |

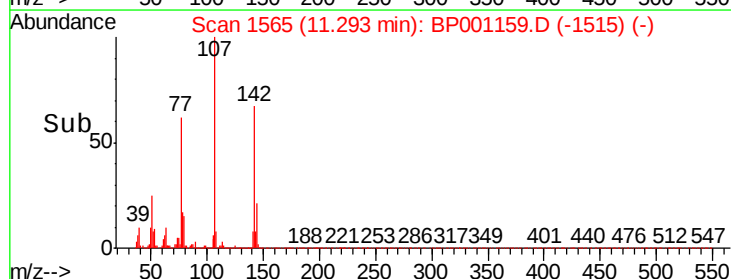
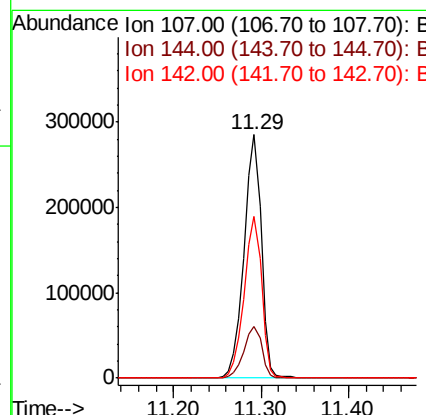
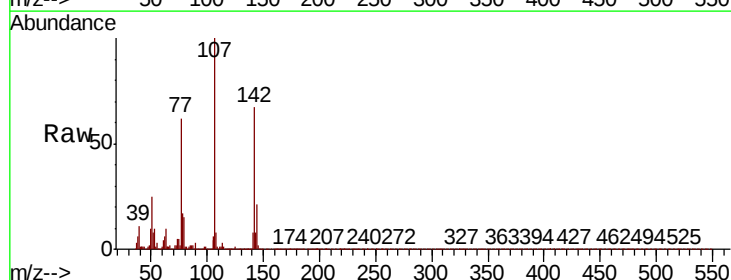
Manual Integrations  
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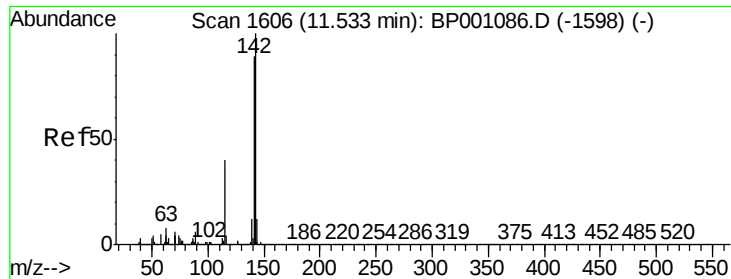
mohammad  
12/4/2019 5:00:40 PM



#36  
4-Chloro-3-methylphenol  
Concen: 44.376 ng/ml  
RT: 11.29 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 144     | 21.4 | 17.5  | 26.3 |       |       |
| 142     | 66.6 | 53.3  | 79.9 |       |       |





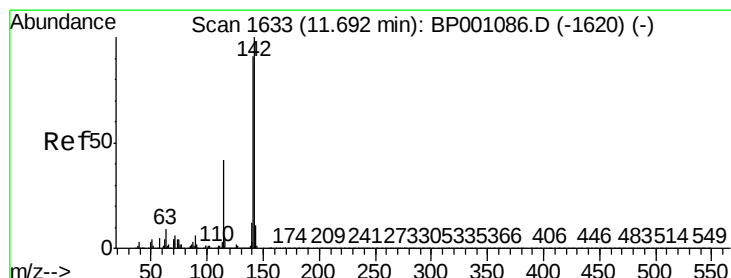
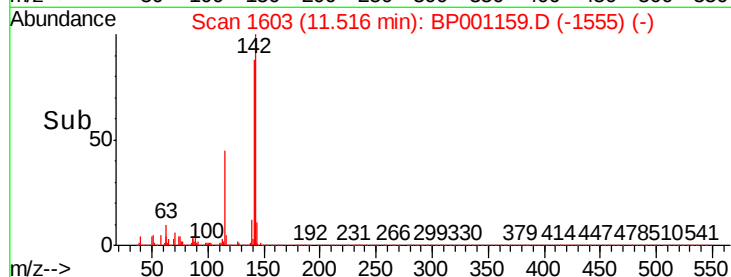
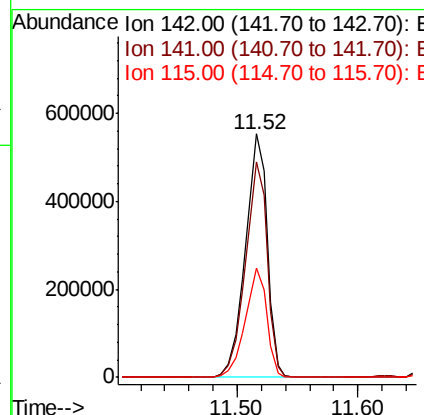
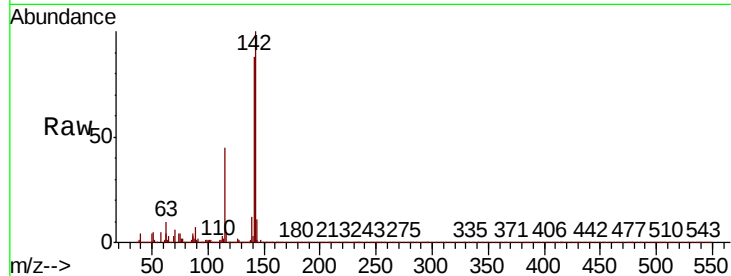
#37  
2-Methylnaphthalene  
Concen: 42.776 ng  
RT: 11.52 min Scan# 1603  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.3  | 71.1  | 106.7 |
| 115     | 44.6  | 32.3  | 48.5  |

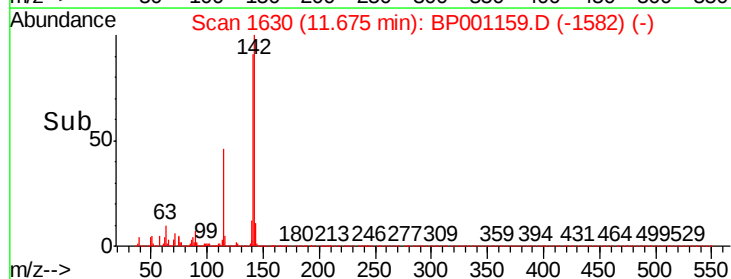
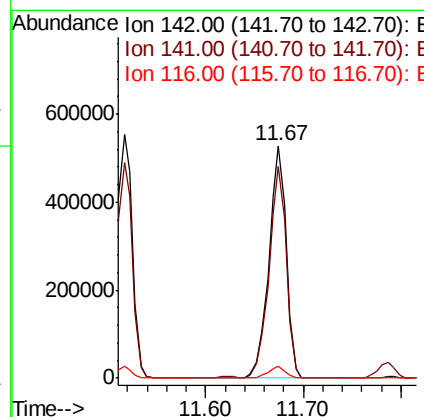
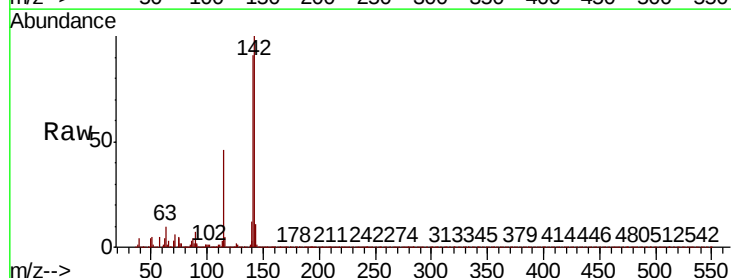
Manual Integrations  
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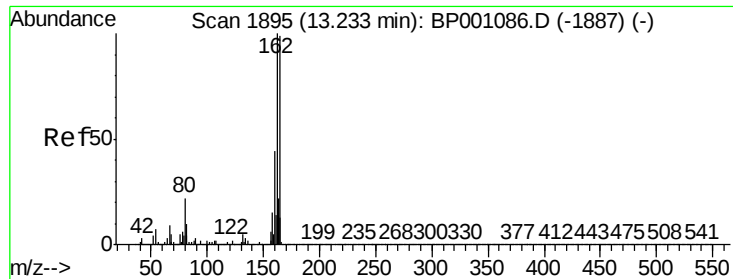
mohammad  
12/4/2019 5:00:40 PM



#38  
1-Methylnaphthalene  
Concen: 42.684 ng  
RT: 11.67 min Scan# 1630  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.0  | 73.0  | 109.4 |
| 116     | 4.9   | 3.4   | 5.2   |





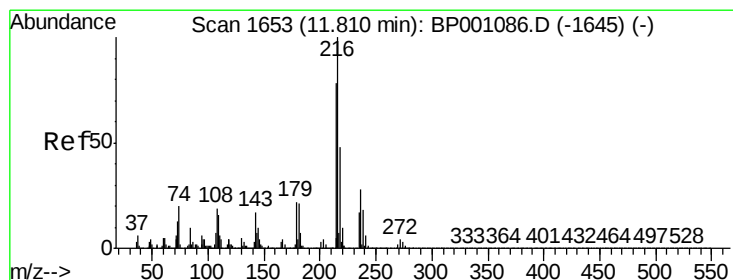
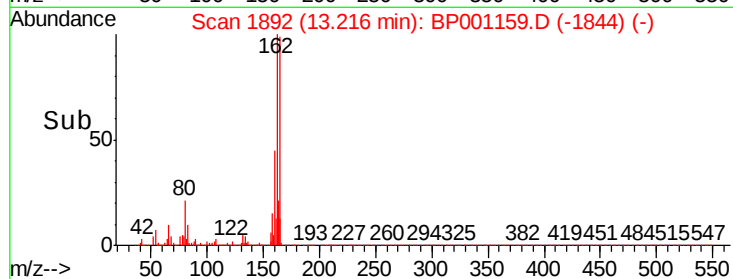
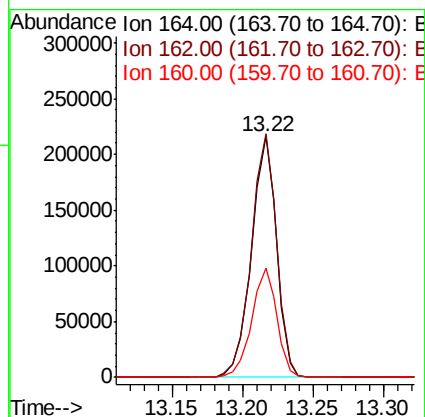
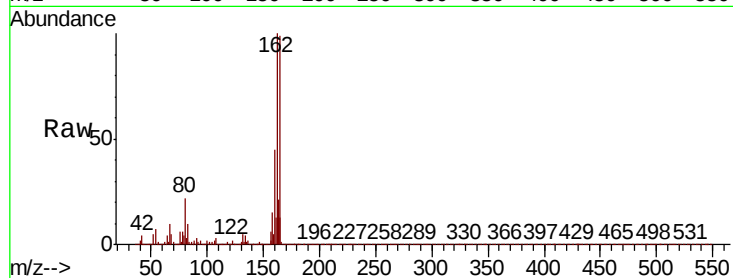
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 13.22 min Scan# 1892  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 101.2 | 80.6 | 120.8 |       |
| 160     | 45.5  | 35.4 | 53.2  |       |

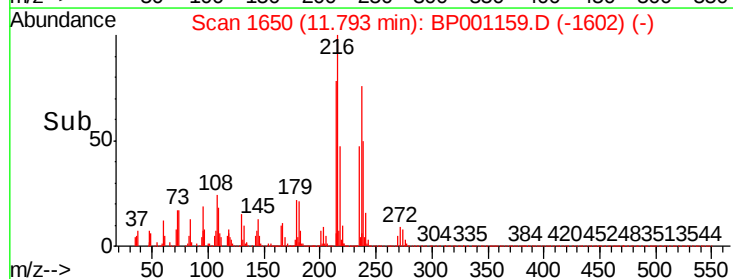
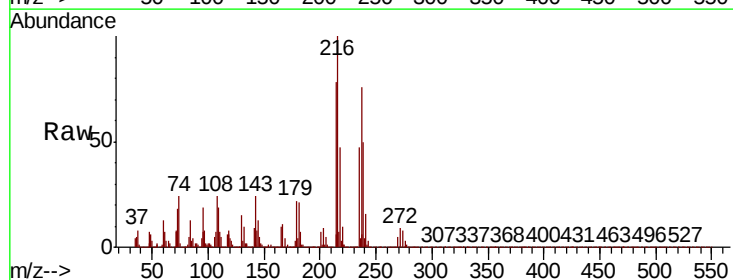
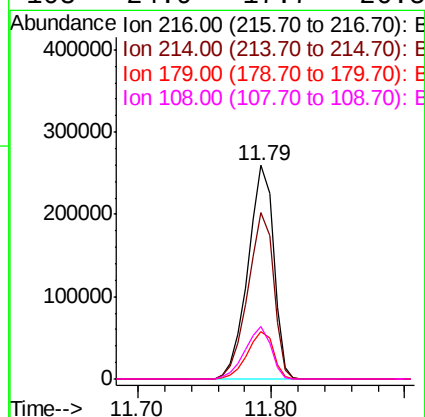
Manual Integrations  
APPROVED

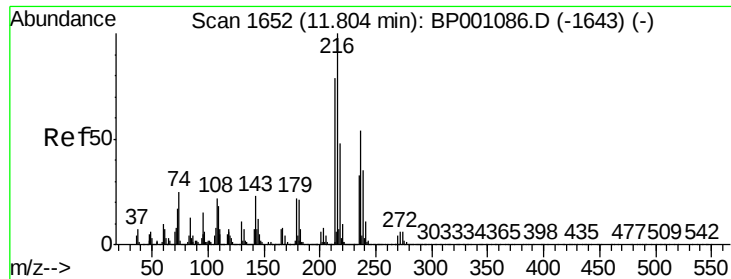
mohammad  
12/4/2019 5:00:40 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.093 ng  
RT: 11.79 min Scan# 1650  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 78.5  | 62.8 | 94.2  |       |
| 179     | 22.4  | 17.6 | 26.4  |       |
| 108     | 24.9  | 17.7 | 26.5  |       |





#41

Hexachlorocyclopentadiene

Concen: 78.317 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

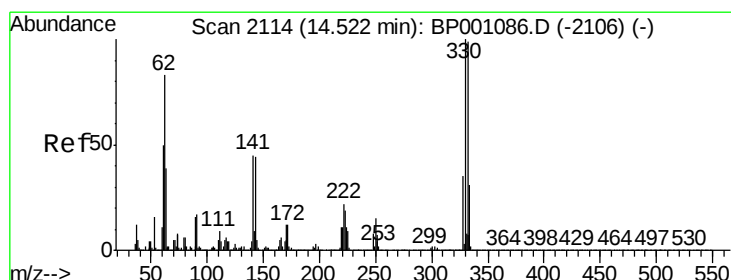
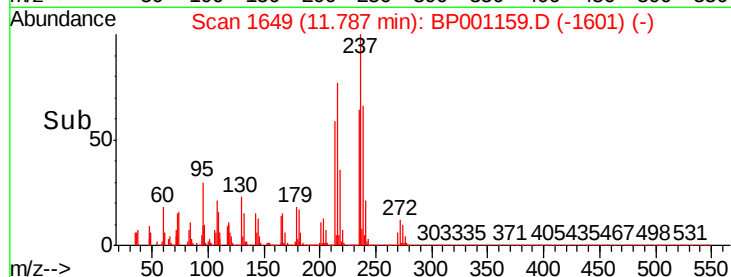
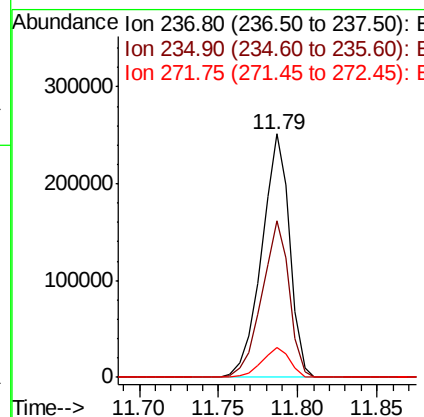
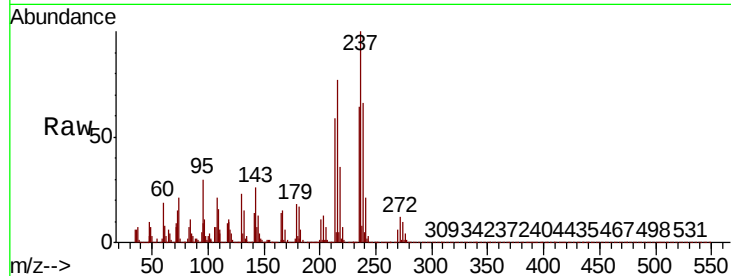
ClientSampleId :

PB125130BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 308041 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 64.1  | 41.8  | 81.8   |
| 272       | 12.2  | 0.0   | 31.9   |

Manual Integrations  
APPROVED

mohammad  
12/4/2019 5:00:40 PM



#42

2,4,6-Tribromophenol

Concen: 125.835 ng

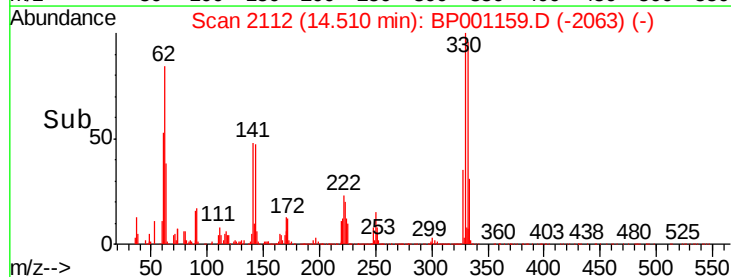
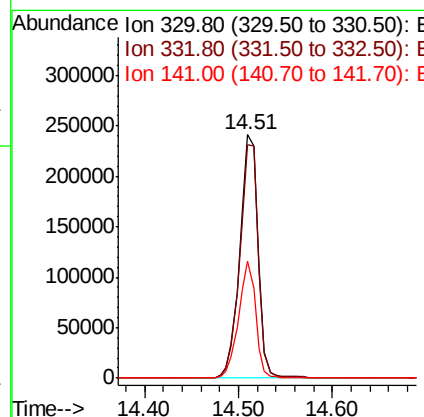
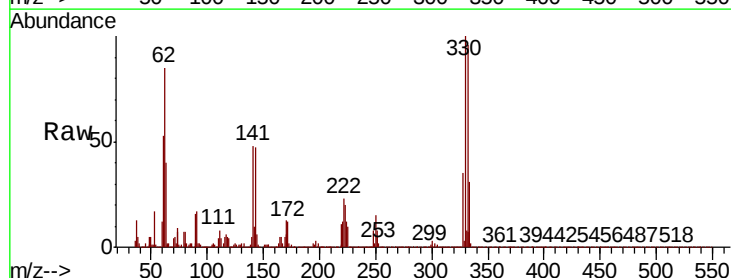
RT: 14.51 min Scan# 2112

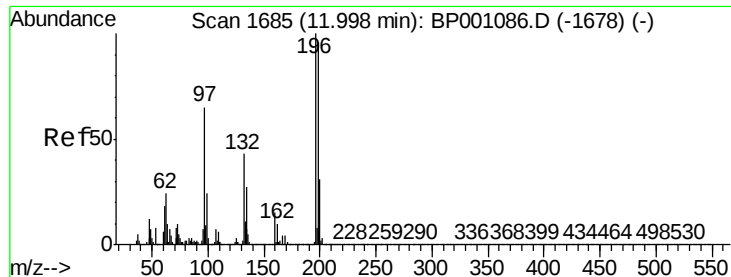
Delta R.T. -0.01 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 326307 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.0  | 77.6  | 116.4  |
| 141       | 45.2  | 34.2  | 51.2   |





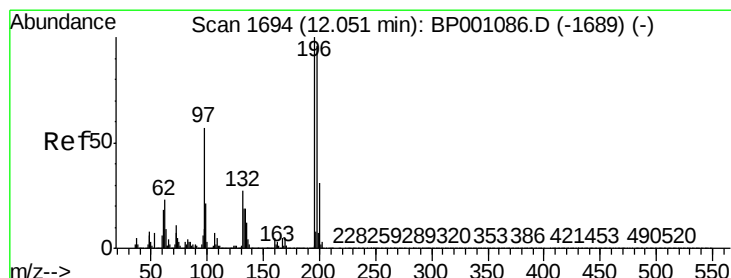
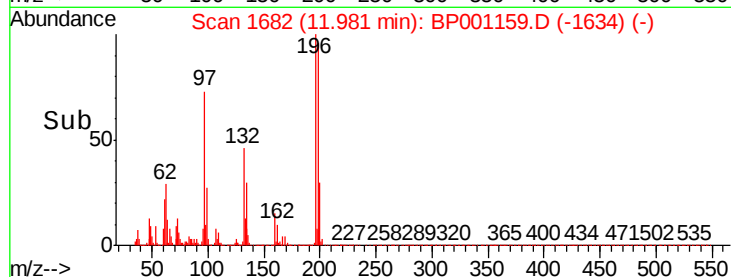
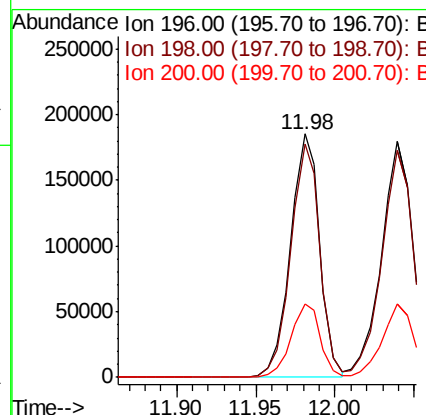
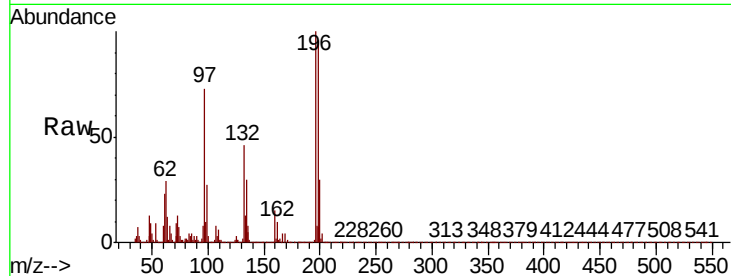
#43  
2,4,6-Trichlorophenol  
Concen: 42.204 ng  
RT: 11.98 min Scan# 1682  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 234947 |       |       |
| 198     | 96.0  | 76.7   | 115.1 |       |
| 200     | 29.9  | 24.7   | 37.1  |       |

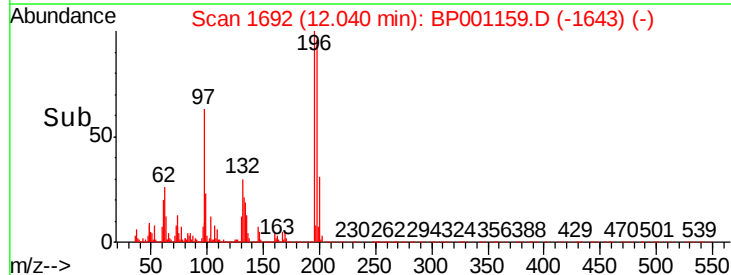
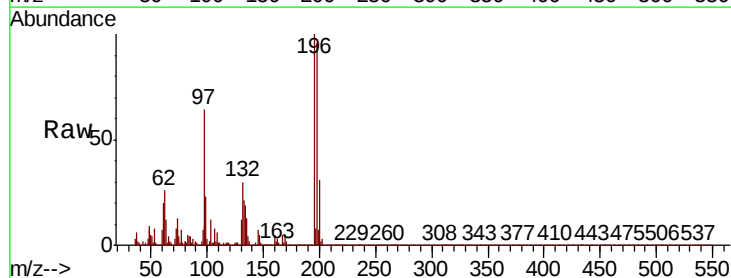
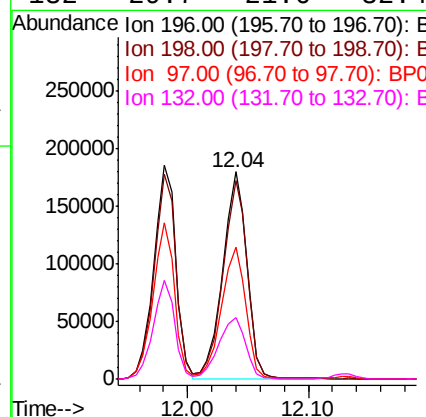
Manual Integrations  
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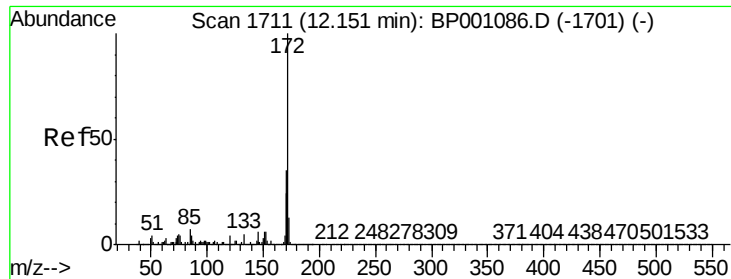
mohammad  
12/4/2019 5:00:40 PM



#44  
2,4,5-Trichlorophenol  
Concen: 42.973 ng  
RT: 12.04 min Scan# 1692  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 247863 |       |       |
| 198     | 95.9  | 76.8   | 115.2 |       |
| 97      | 63.5  | 46.1   | 69.1  |       |
| 132     | 29.7  | 21.6   | 32.4  |       |





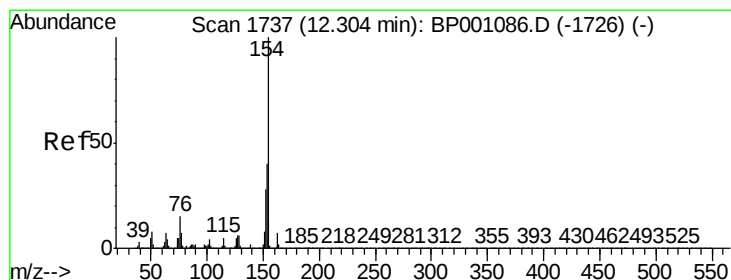
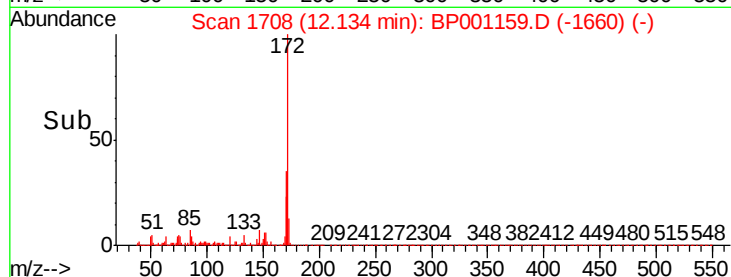
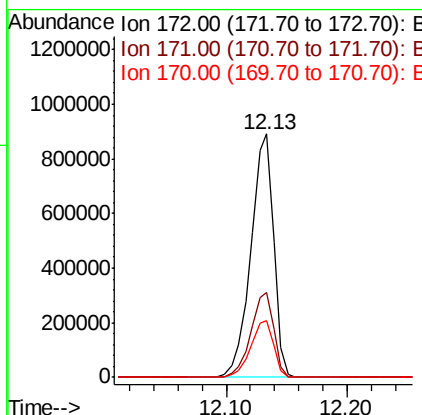
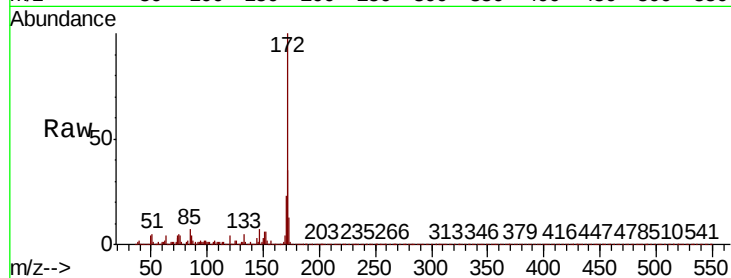
#45  
2-Fluorobiphenyl  
Concen: 63.432 ng  
RT: 12.13 min Scan# 1708  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 27.9  | 41.9  |
| 170     | 23.5  | 19.0  | 28.4  |

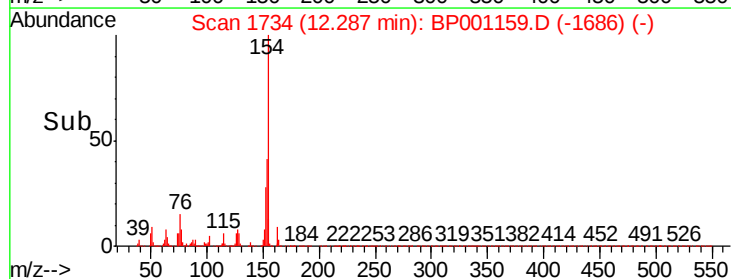
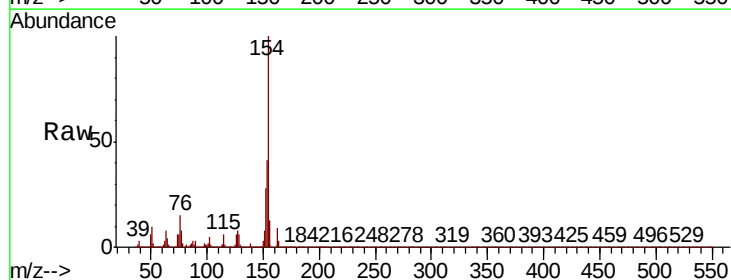
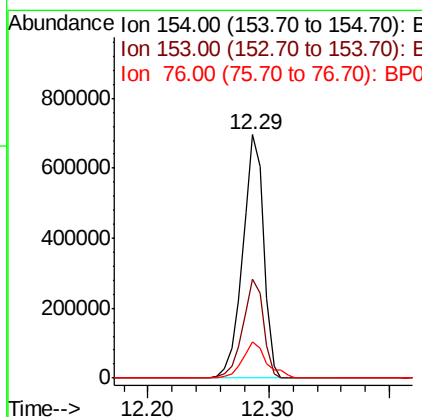
Manual Integrations  
APPROVED

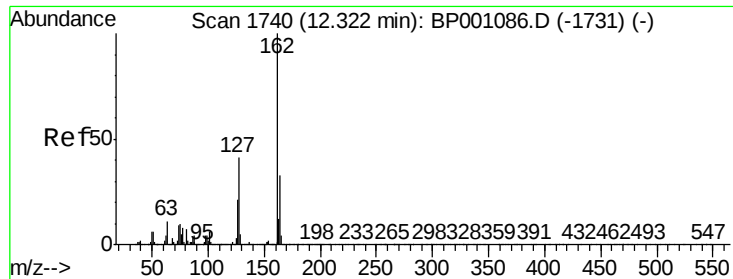
mohammad  
12/4/2019 5:00:40 PM



#46  
1,1'-Biphenyl  
Concen: 40.230 ng  
RT: 12.29 min Scan# 1734  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.7  | 20.2  | 60.2  |
| 76      | 15.1  | 0.0   | 34.5  |





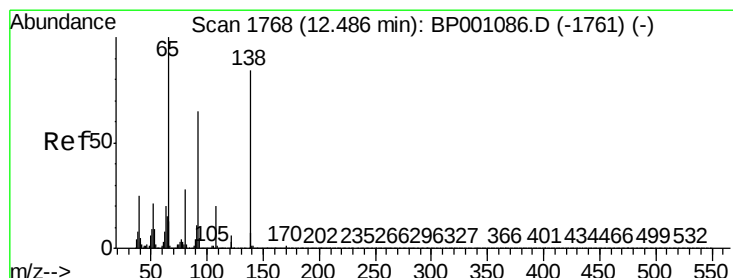
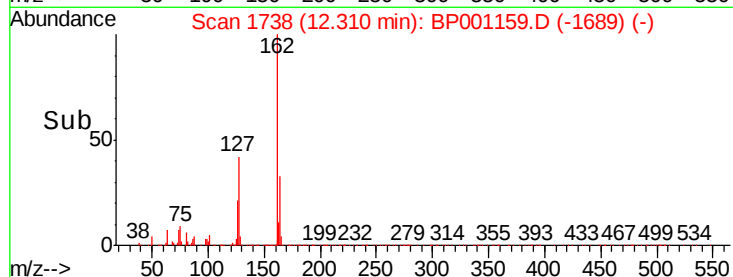
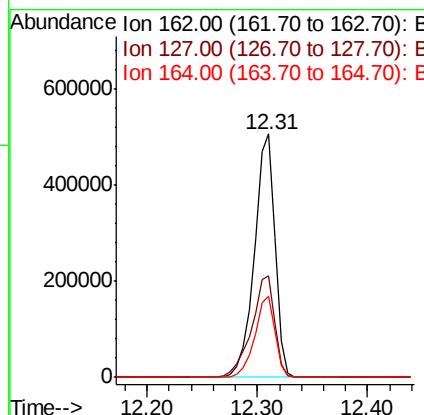
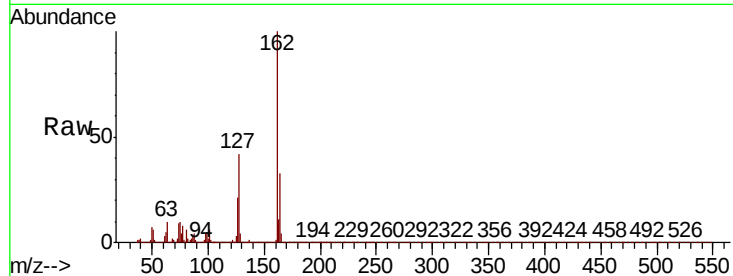
#47  
2-Chloronaphthalene  
Concen: 39.678 ng  
RT: 12.31 min Scan# 1738  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.0  | 33.0  | 49.6  |
| 164     | 33.2  | 26.7  | 40.1  |

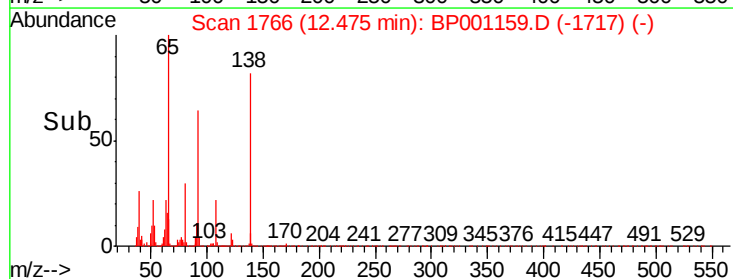
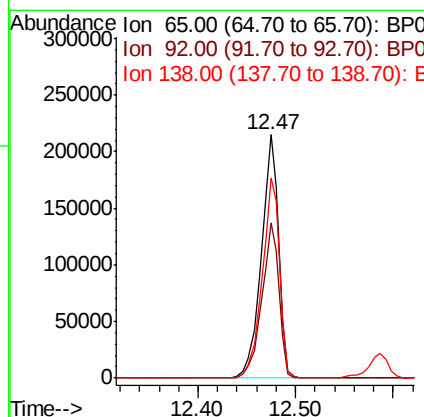
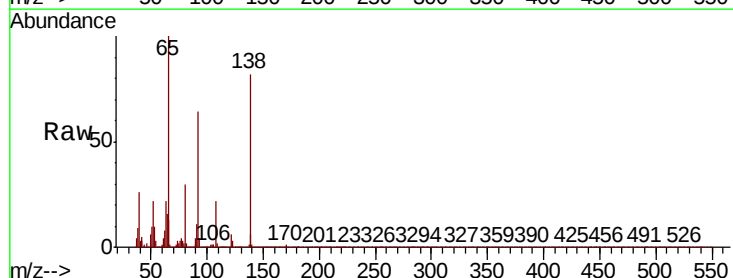
Manual Integrations  
APPROVED

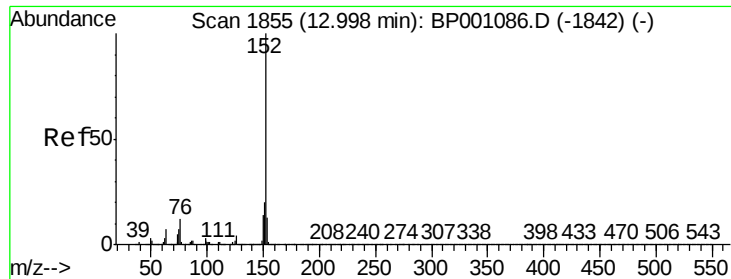
mohammad  
12/4/2019 5:00:40 PM



#48  
2-Nitroaniline  
Concen: 41.096 ng  
RT: 12.47 min Scan# 1766  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 63.8  | 51.6  | 77.4  |
| 138     | 82.0  | 67.3  | 100.9 |





#49

Acenaphthylene

Concen: 41.989 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

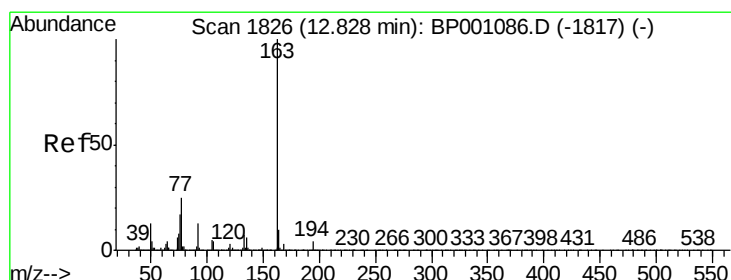
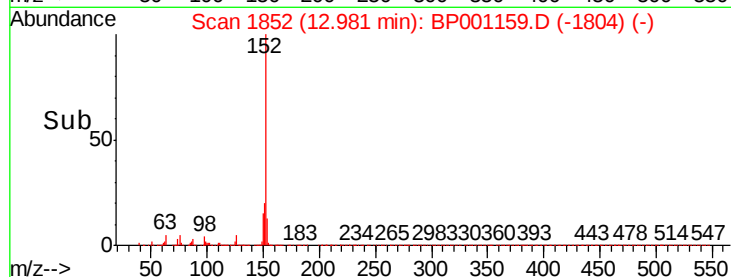
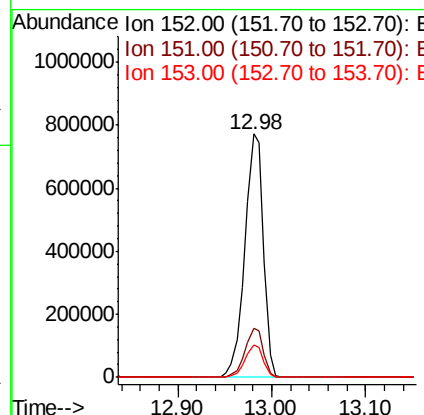
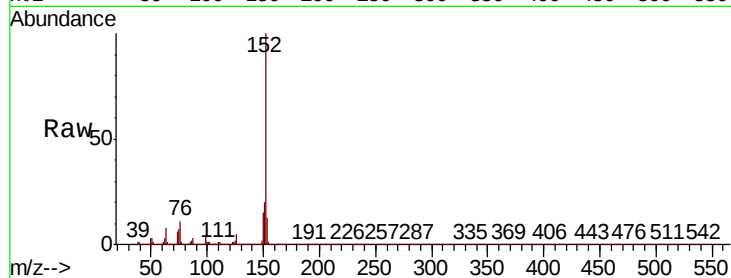
ClientSampleId :

PB125130BSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 152   | Resp: | 1051151 |
| Ion Ratio | Lower | Upper |         |
| 152       | 100   |       |         |
| 151       | 20.1  | 15.8  | 23.8    |
| 153       | 13.2  | 10.2  | 15.4    |

Manual Integrations  
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mohammad  
12/4/2019 5:00:40 PM



#50

Dimethylphthalate

Concen: 40.090 ng

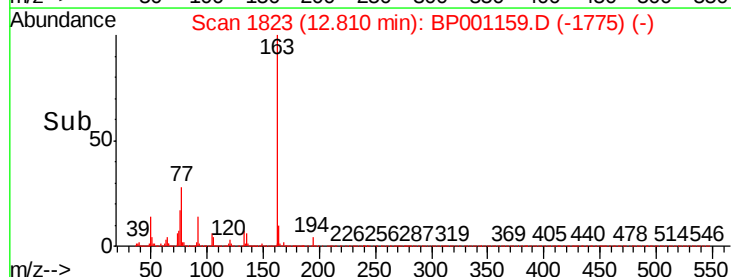
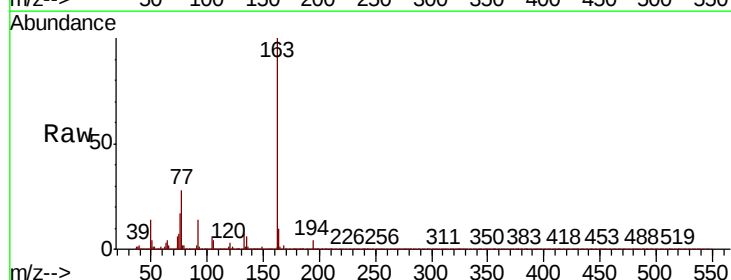
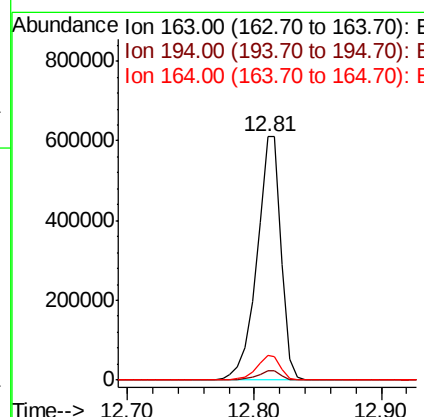
RT: 12.81 min Scan# 1823

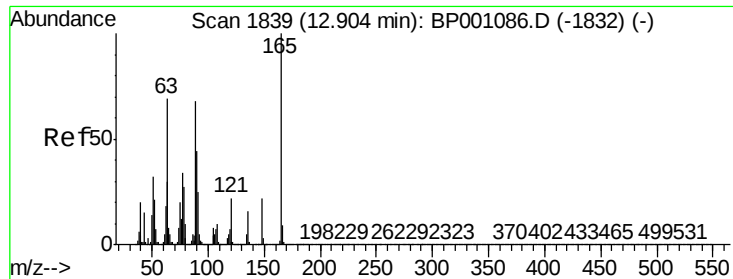
Delta R.T. -0.02 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 811185 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.8   | 3.1   | 4.7    |
| 164       | 10.2  | 8.1   | 12.1   |





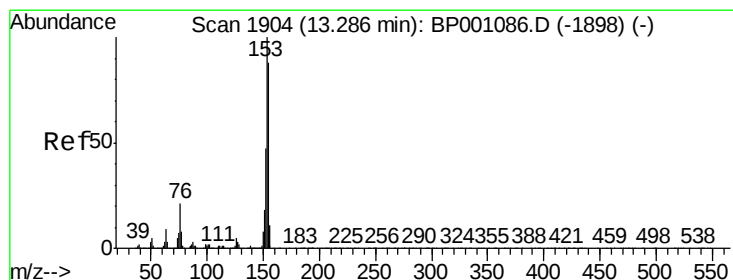
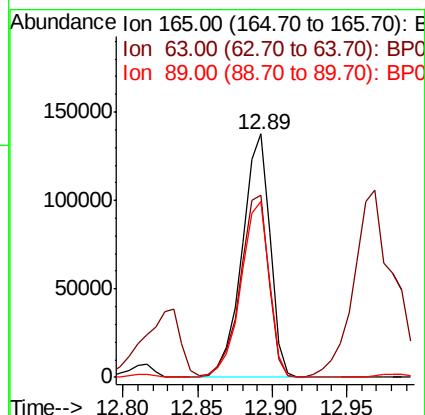
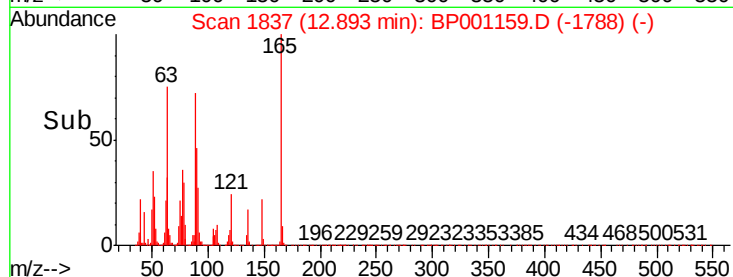
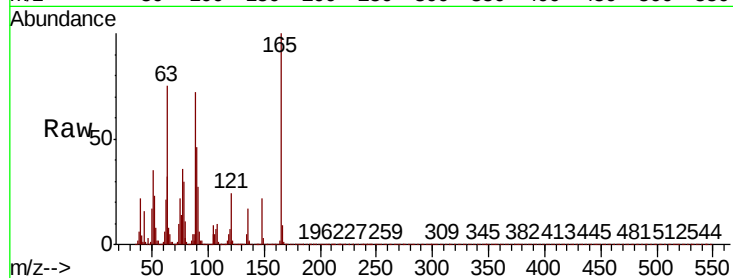
#51  
2,6-Dinitrotoluene  
Concen: 41.097 ng  
RT: 12.89 min Scan# 1837  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 74.6  | 55.6  | 83.4  |
| 89      | 72.4  | 54.1  | 81.1  |

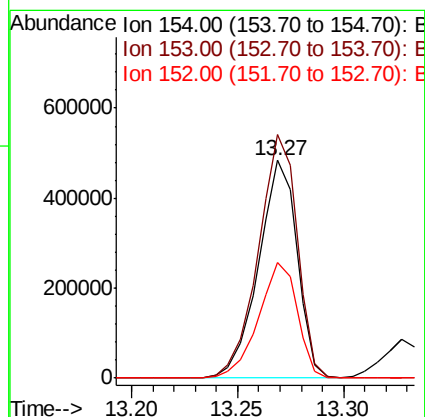
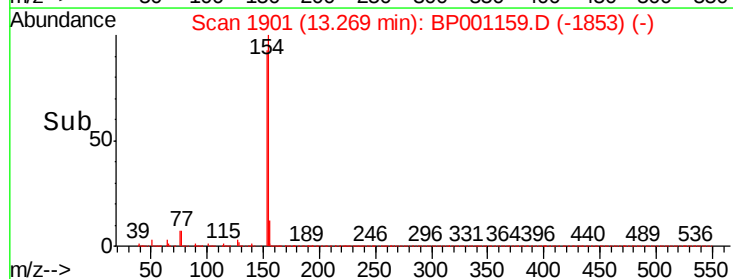
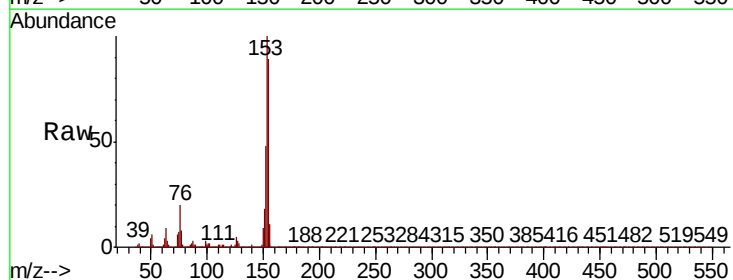
Manual Integrations  
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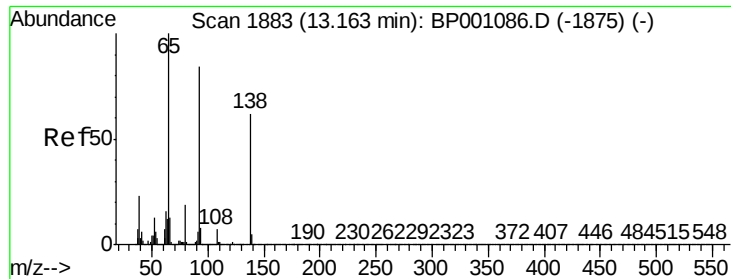
mohammad  
12/4/2019 5:00:40 PM



#52  
Acenaphthene  
Concen: 40.761 ng  
RT: 13.27 min Scan# 1901  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.8 | 90.5  | 135.7 |
| 152     | 53.3  | 42.6  | 64.0  |





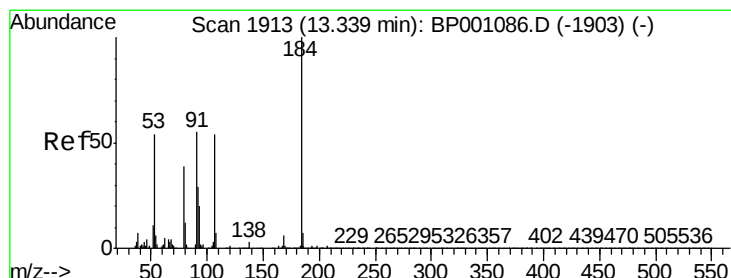
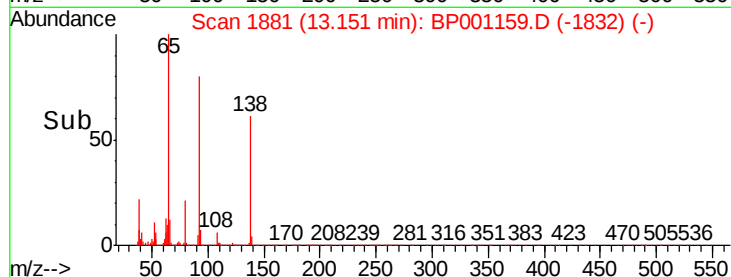
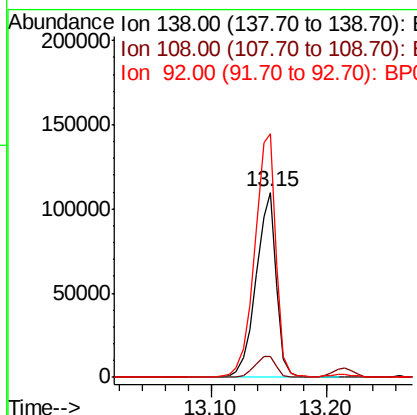
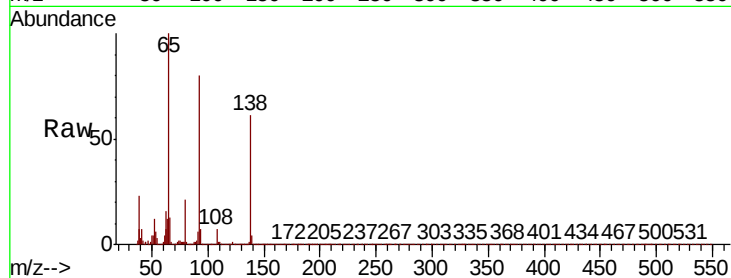
#53  
3-Nitroaniline  
Concen: 27.616 ng  
RT: 13.15 min Scan# 1881  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.4  | 9.2   | 13.8  |
| 92      | 131.7 | 107.8 | 161.6 |

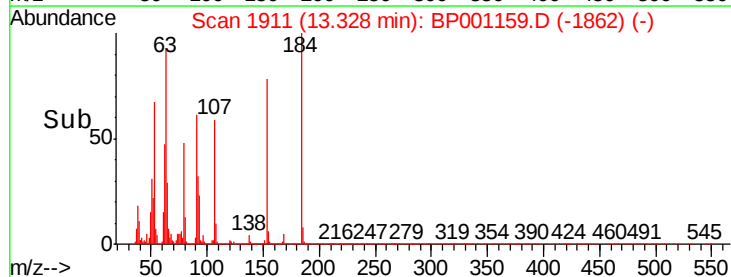
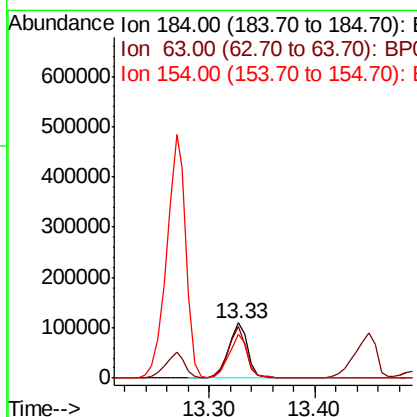
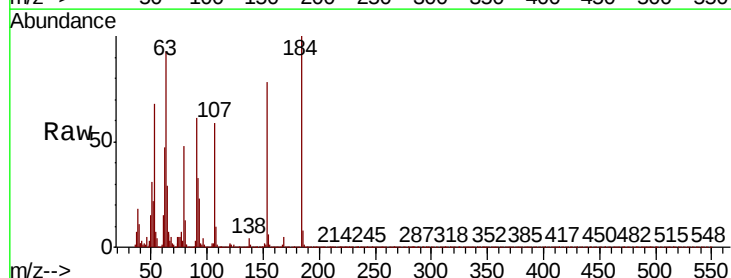
Manual Integrations  
APPROVED

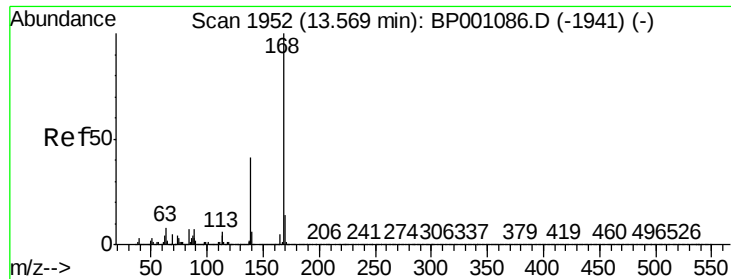
mohammad  
12/4/2019 5:00:40 PM



#54  
2,4-Dinitrophenol  
Concen: 77.757 ng  
RT: 13.33 min Scan# 1911  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 93.0  | 60.7  | 91.1# |
| 154     | 78.4  | 56.2  | 84.2  |





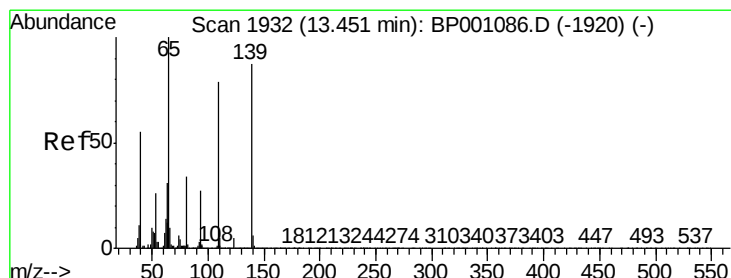
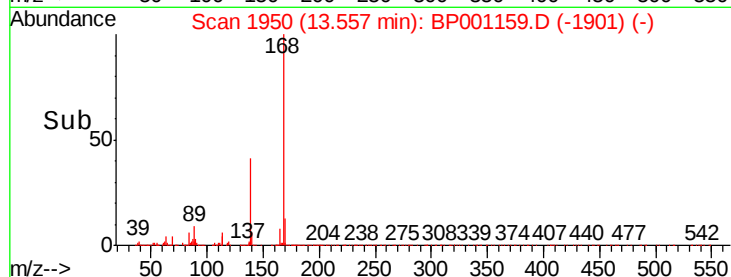
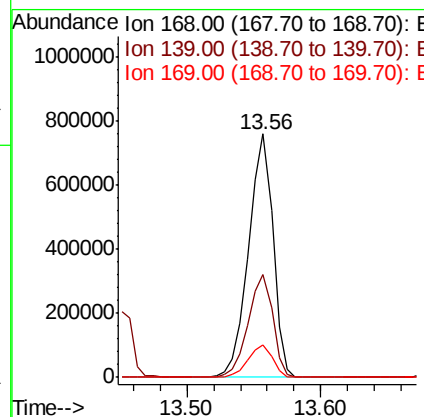
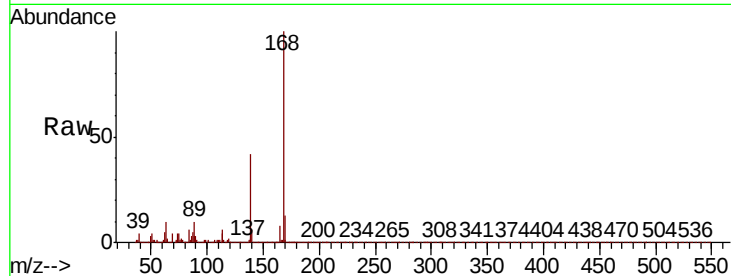
#55  
Dibenzofuran  
Concen: 42.060 ng  
RT: 13.56 min Scan# 1950  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 42.0  | 32.8  | 49.2  |
| 169     | 13.1  | 10.9  | 16.3  |

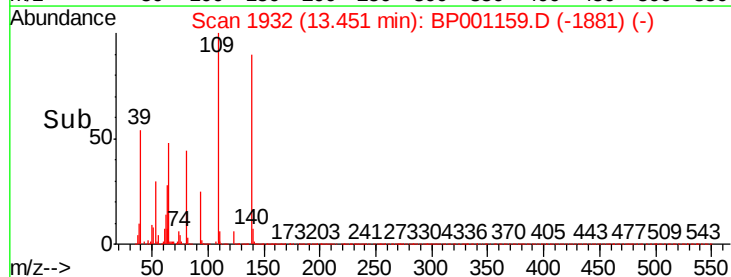
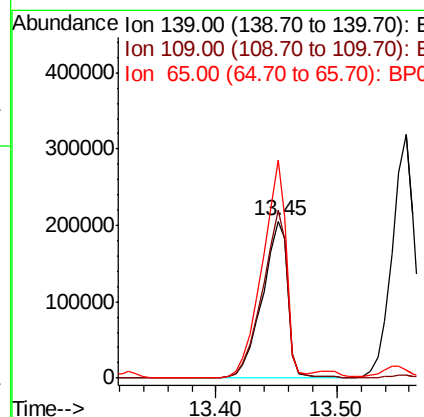
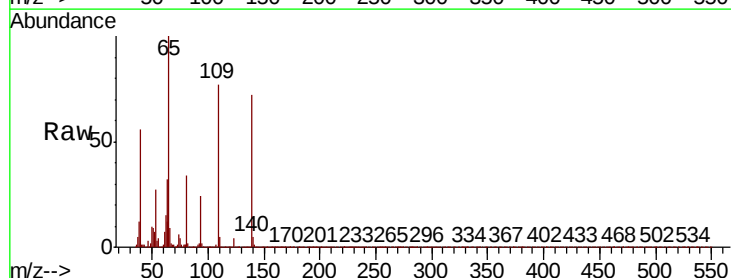
Manual Integrations  
APPROVED

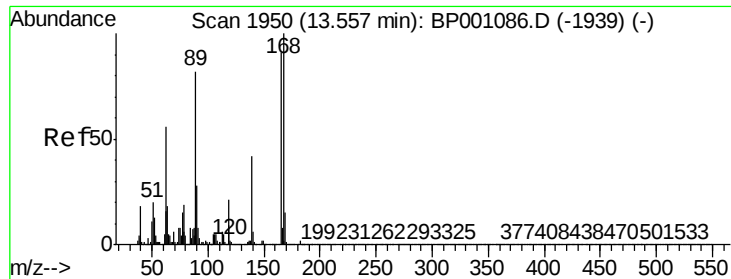
mohammad  
12/4/2019 5:00:40 PM



#56  
4-Nitrophenol  
Concen: 87.760 ng  
RT: 13.45 min Scan# 1932  
Delta R.T. 0.00 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 106.9 | 70.9  | 110.9  |
| 65      | 138.9 | 95.2  | 135.2# |





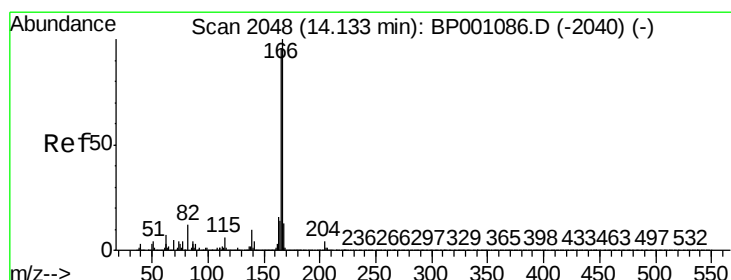
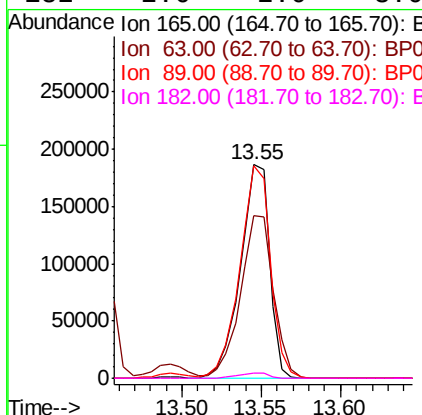
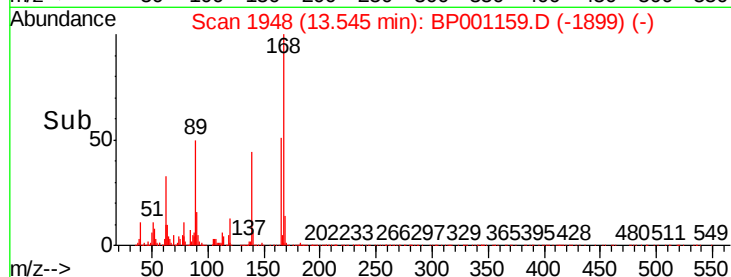
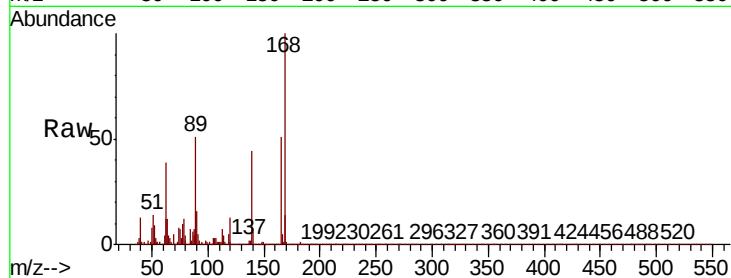
#57  
2,4-Dinitrotoluene  
Concen: 43.530 ng  
RT: 13.55 min Scan# 1948  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 76.4  | 49.4       | 74.2# |
| 89      | 99.7  | 72.1       | 108.1 |
| 182     | 2.6   | 2.0        | 3.0   |

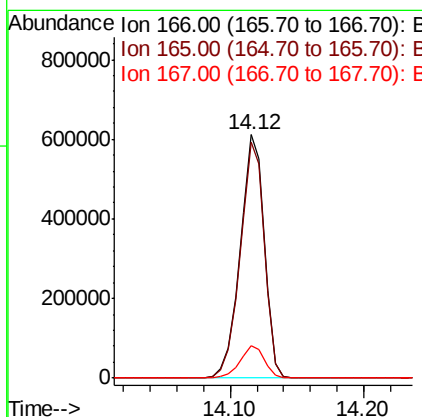
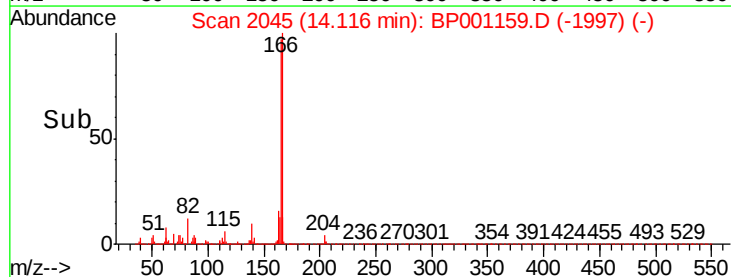
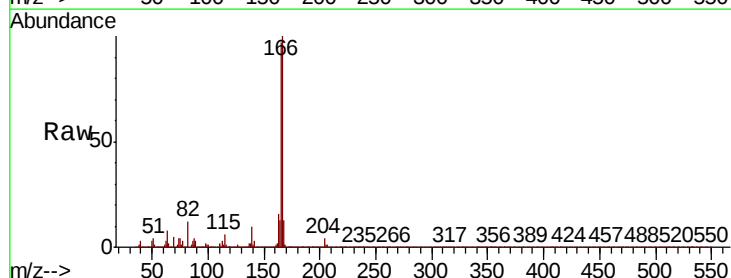
Manual Integrations  
APPROVED

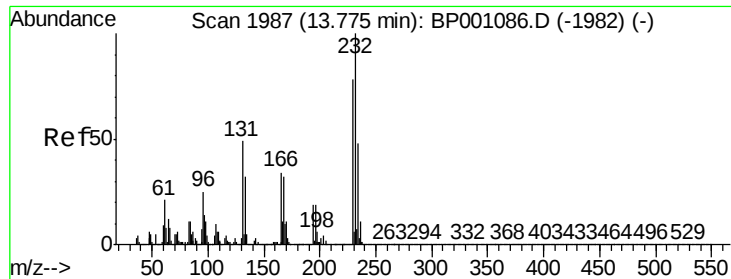
mohammad  
12/4/2019 5:00:40 PM



#58  
Fluorene  
Concen: 41.771 ng  
RT: 14.12 min Scan# 2045  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 166     | 100   |            |       |
| 165     | 96.7  | 76.7       | 115.1 |
| 167     | 13.3  | 10.5       | 15.7  |





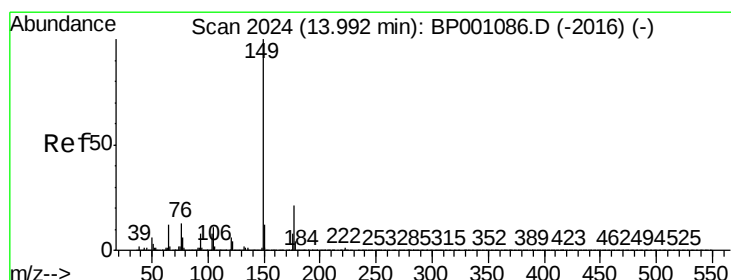
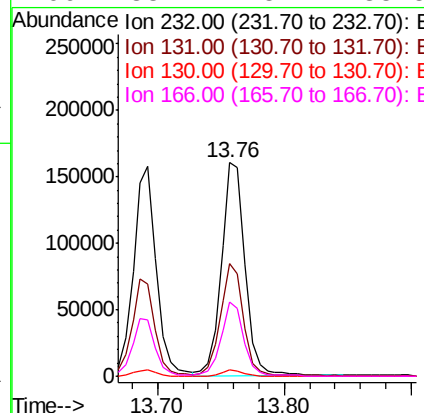
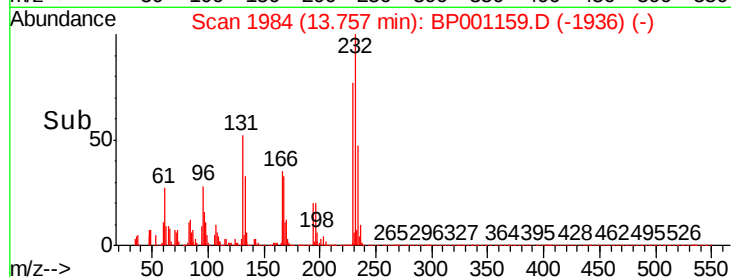
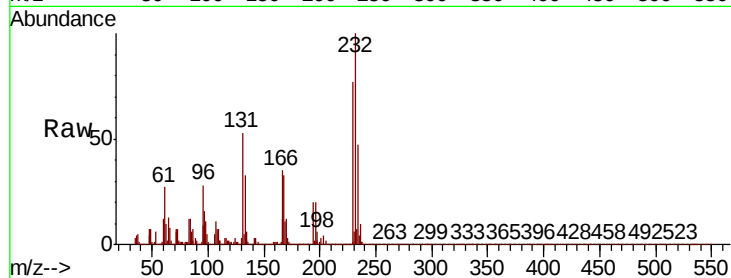
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.992 ng  
 RT: 13.76 min Scan# 1984  
 Delta R.T. -0.02 min  
 Lab File: BP001159.D  
 Acq: 03 Dec 2019 17:10

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB125130BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 51.7  | 39.6 | 59.4  |       |
| 130     | 2.9   | 1.9  | 2.9   |       |
| 166     | 33.4  | 25.7 | 38.5  |       |

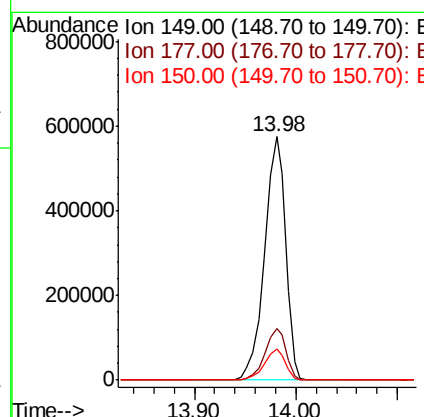
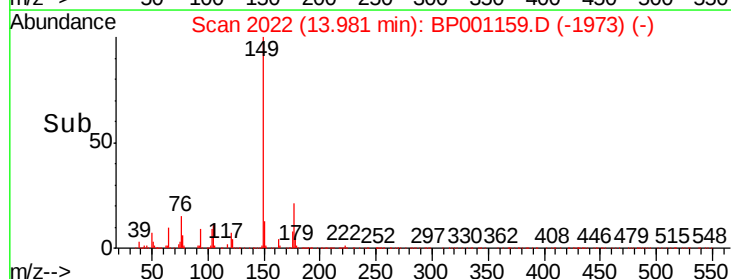
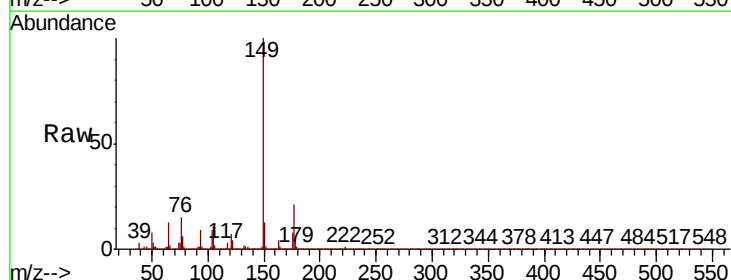
Manual Integrations  
 APPROVED

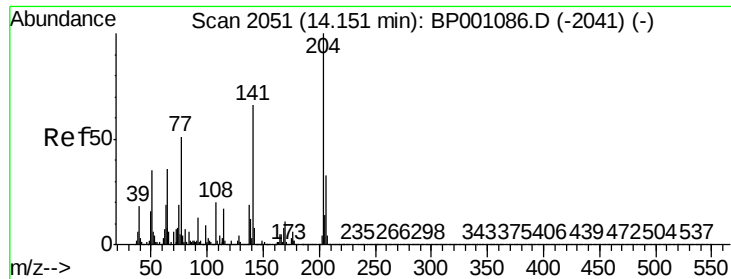
mohammad  
 12/4/2019 5:00:40 PM



#60  
 Diethylphthalate  
 Concen: 39.481 ng  
 RT: 13.98 min Scan# 2022  
 Delta R.T. -0.01 min  
 Lab File: BP001159.D  
 Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 177     | 21.4  | 17.0 | 25.6  |       |
| 150     | 12.6  | 9.9  | 14.9  |       |





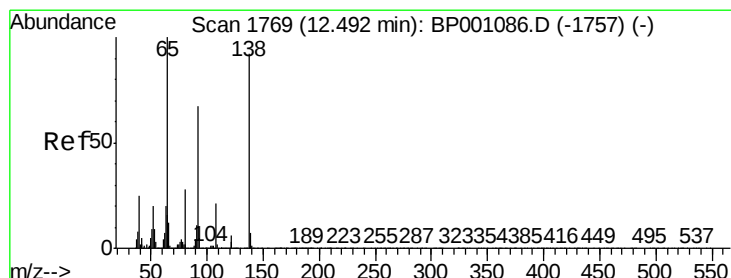
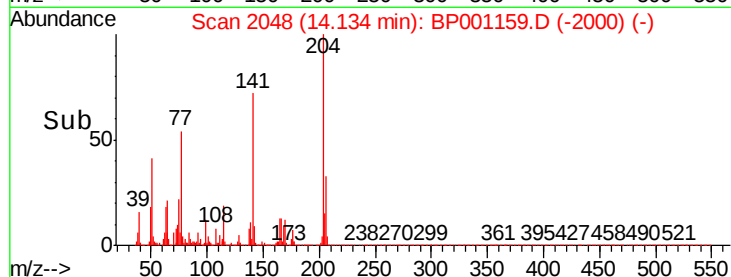
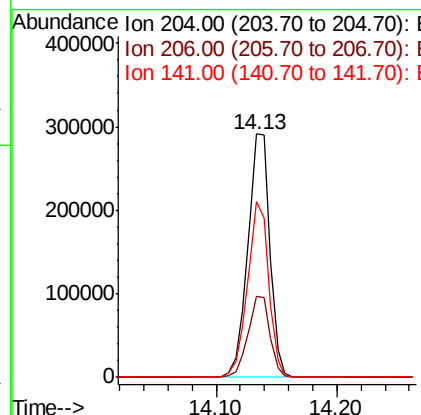
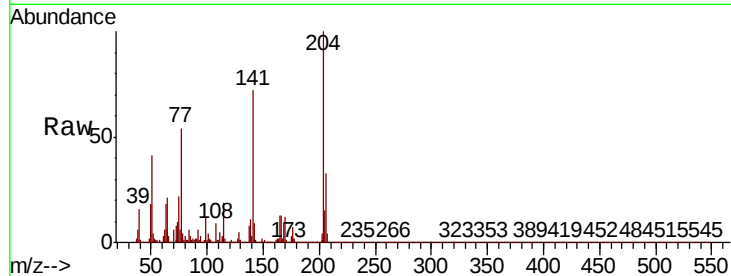
#61  
4-Chlorophenyl-phenylether  
Concen: 40.331 ng  
RT: 14.13 min Scan# 2048  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 26.1  | 39.1  |
| 141     | 72.2  | 52.7  | 79.1  |

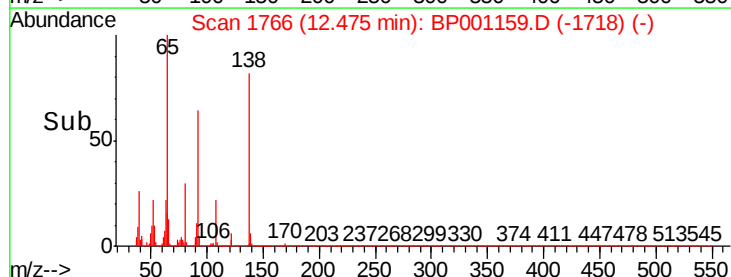
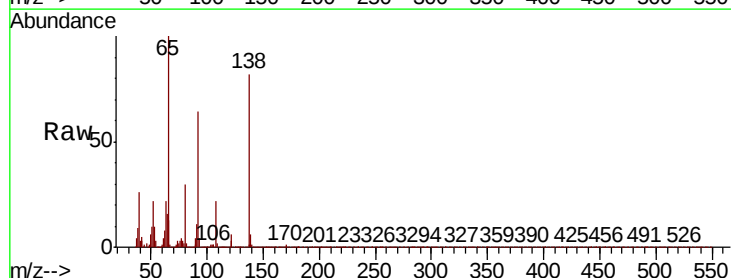
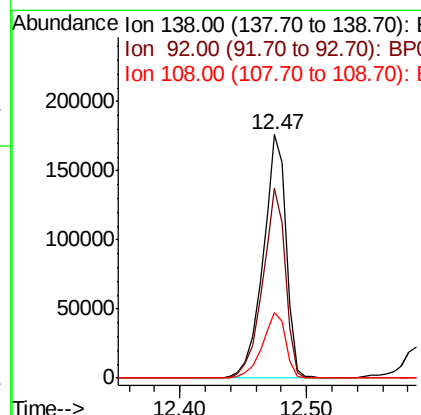
Manual Integrations  
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mohammad  
12/4/2019 5:00:40 PM



#62  
4-Nitroaniline  
Concen: 39.513 ng  
RT: 12.47 min Scan# 1766  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 77.9  | 53.3  | 93.3  |
| 108     | 27.2  | 3.1   | 43.1  |





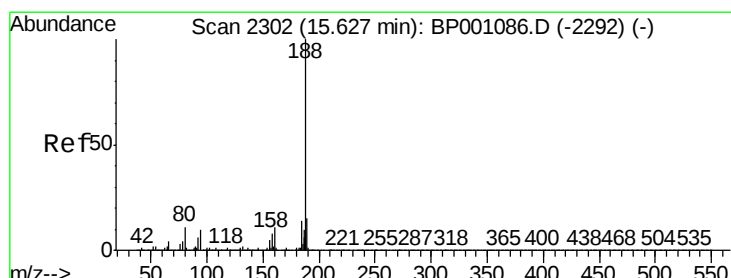
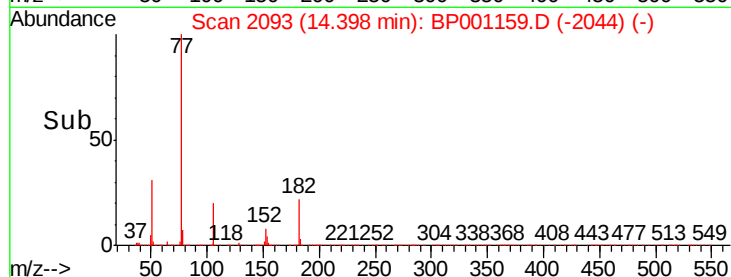
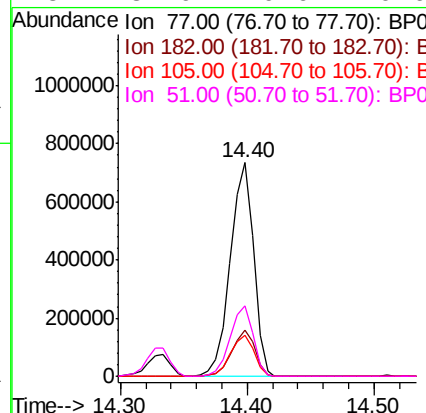
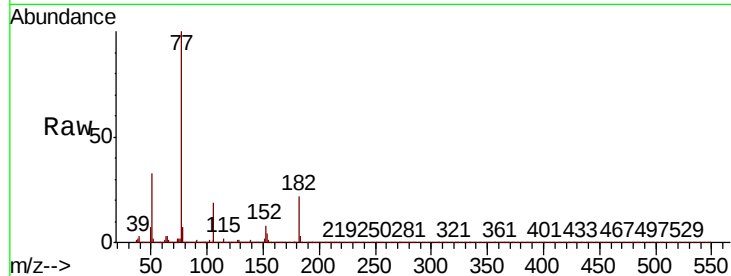
#63  
Azobenzene  
Concen: 41.117 ng  
RT: 14.40 min Scan# 2093  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 21.6  | 0.8   | 40.8  |
| 105     | 19.3  | 0.3   | 40.3  |
| 51      | 32.9  | 9.6   | 49.6  |

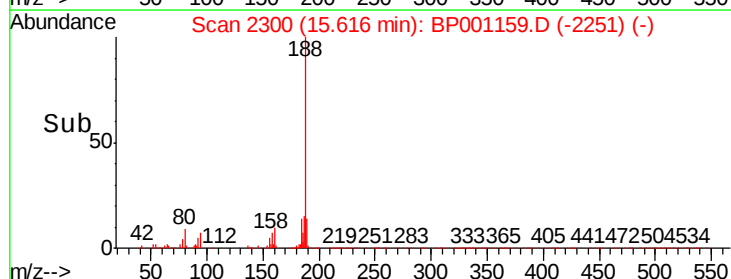
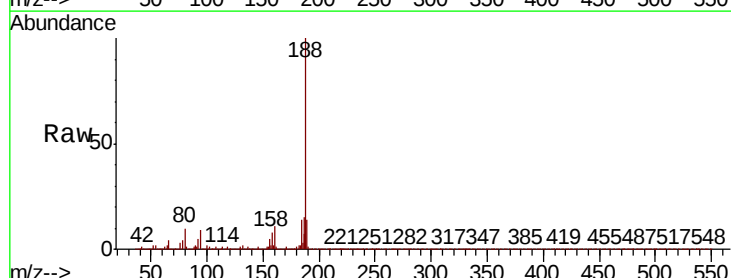
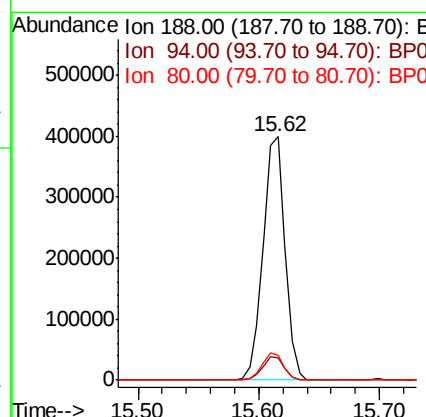
Manual Integrations  
APPROVED

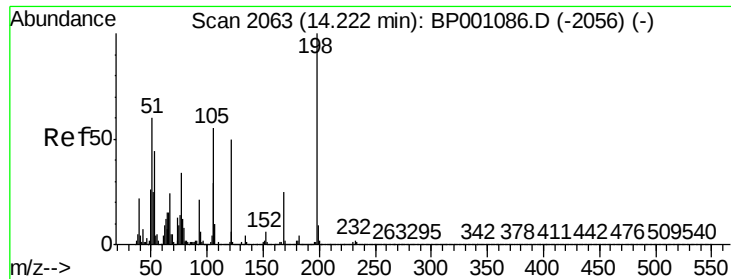
mohammad  
12/4/2019 5:00:40 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 15.62 min Scan# 2300  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.9   | 7.9   | 11.9  |
| 80      | 10.0  | 8.8   | 13.2  |





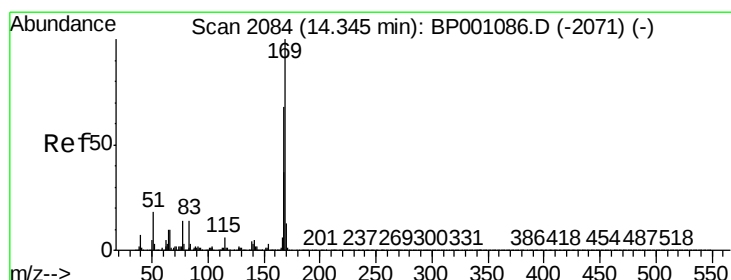
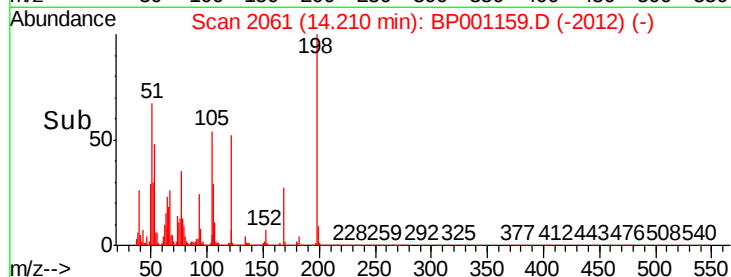
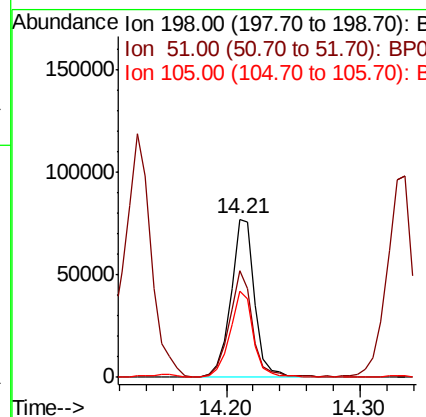
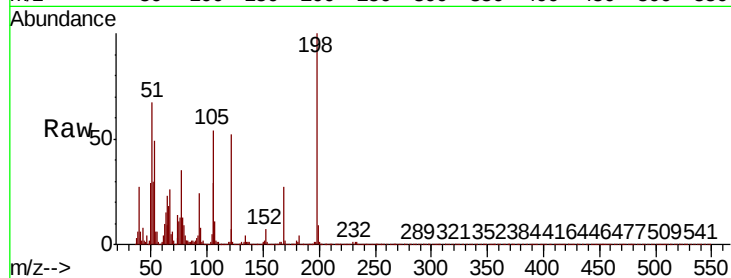
#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.132 ng  
RT: 14.21 min Scan# 2061  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 67.4  | 40.5  | 80.5  |
| 105     | 54.3  | 35.7  | 75.7  |

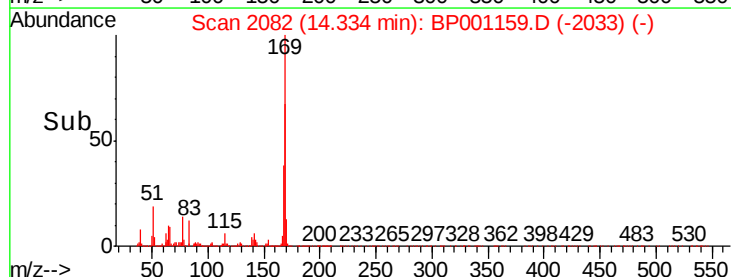
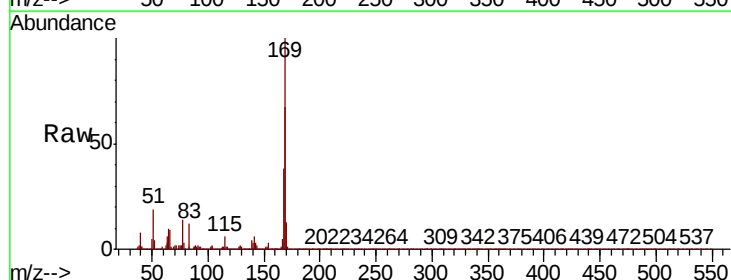
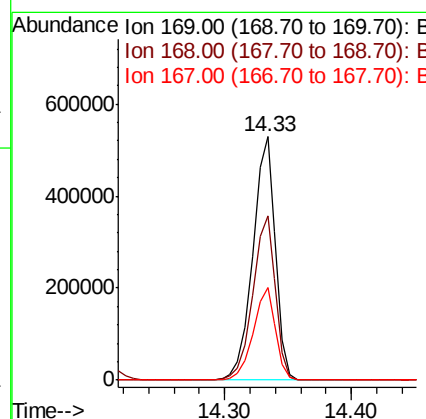
Manual Integrations  
APPROVED

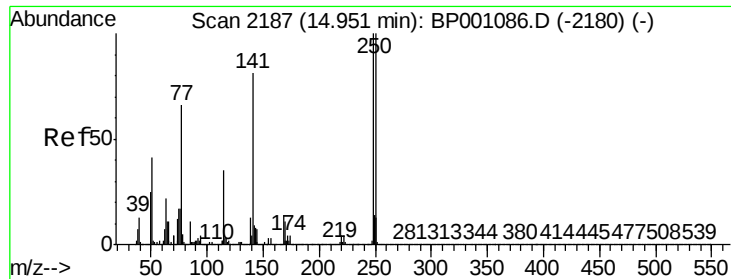
mohammad  
12/4/2019 5:00:40 PM



#66  
n-Nitrosodiphenylamine  
Concen: 42.499 ng  
RT: 14.33 min Scan# 2082  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.4  | 54.1  | 81.1  |
| 167     | 37.8  | 29.5  | 44.3  |





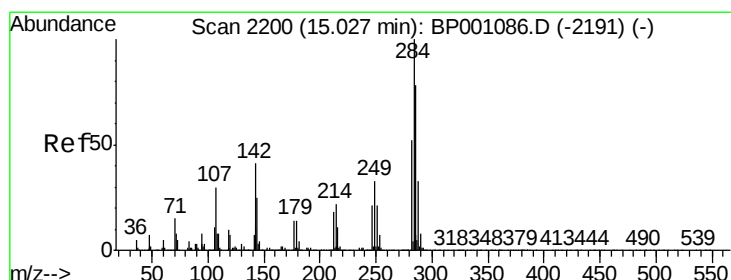
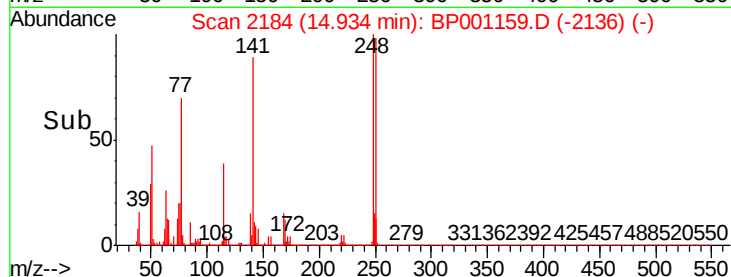
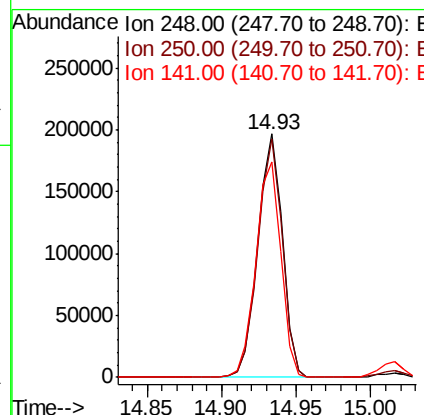
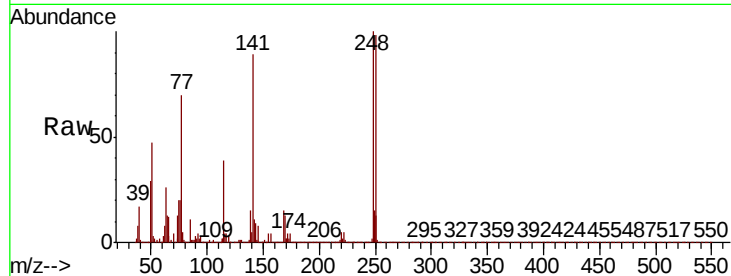
#67  
4-Bromophenyl-phenylether  
Concen: 40.506 ng  
RT: 14.93 min Scan# 2184  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.9  | 80.3  | 120.5 |
| 141     | 88.7  | 64.9  | 97.3  |

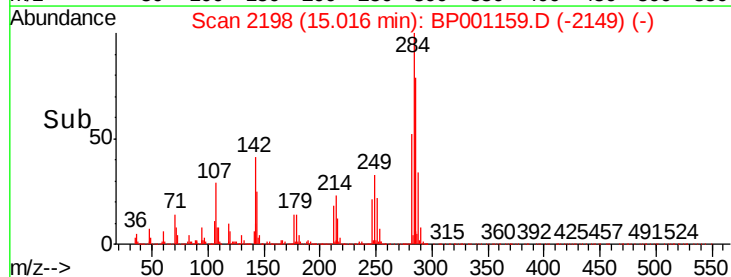
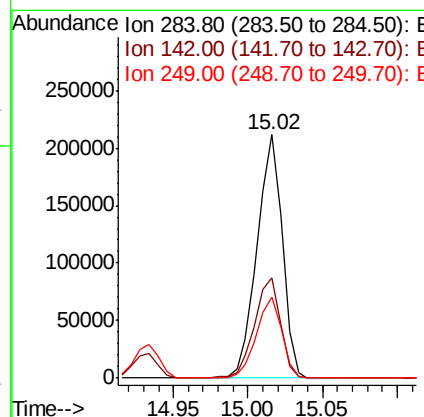
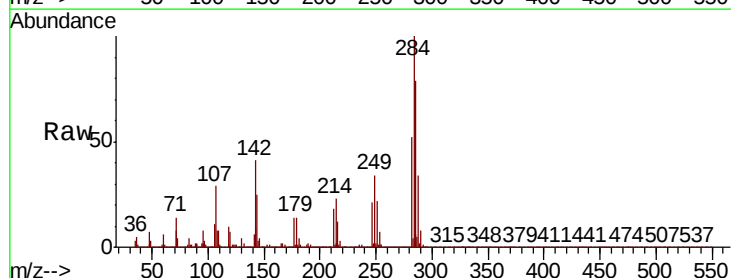
Manual Integrations  
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mohammad  
12/4/2019 5:00:40 PM



#68  
Hexachlorobenzene  
Concen: 40.538 ng  
RT: 15.02 min Scan# 2198  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 41.4  | 33.2  | 49.8  |
| 249     | 33.5  | 26.2  | 39.4  |





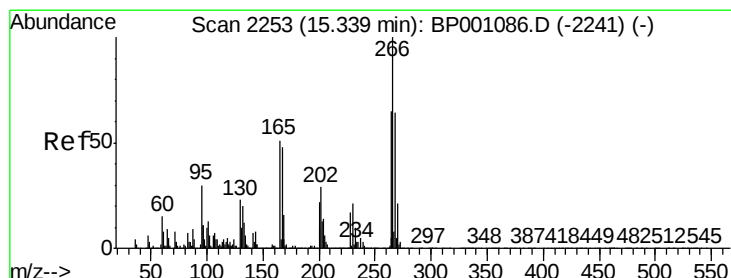
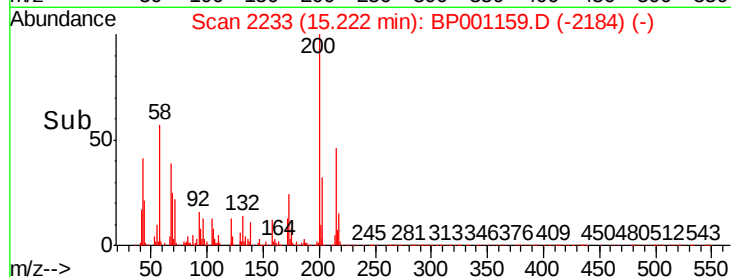
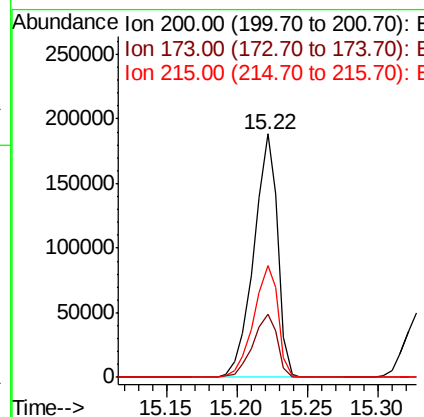
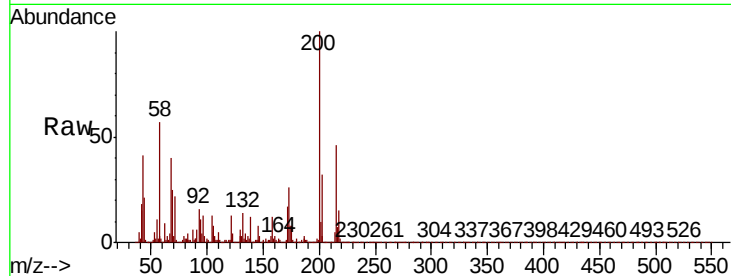
#69  
Atrazine  
Concen: 47.463 ng  
RT: 15.22 min Scan# 2233  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampled :  
PB125130BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 25.8  | 6.7  | 46.7  |       |
| 215     | 46.1  | 27.9 | 67.9  |       |

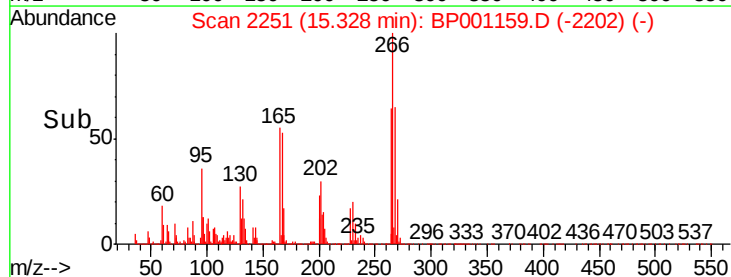
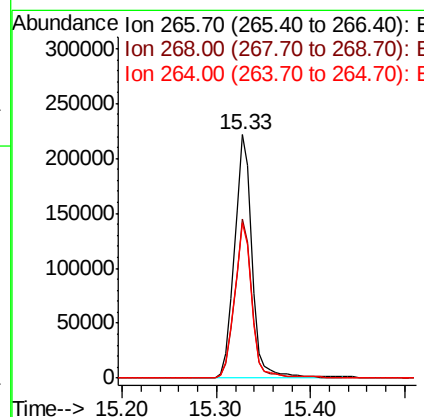
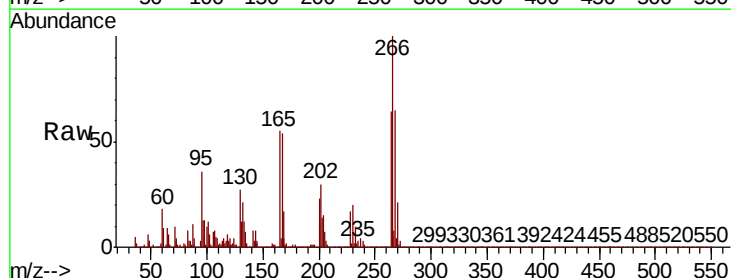
Manual Integrations  
APPROVED

mohammad  
12/4/2019 5:00:40 PM



#70  
Pentachlorophenol  
Concen: 91.424 ng  
RT: 15.33 min Scan# 2251  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 266     | 100   |      |       |       |
| 268     | 65.2  | 51.6 | 77.4  |       |
| 264     | 63.9  | 52.2 | 78.4  |       |





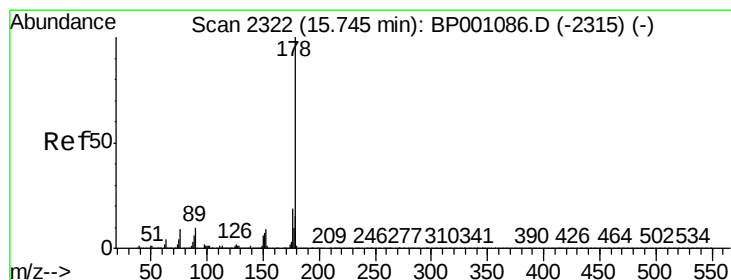
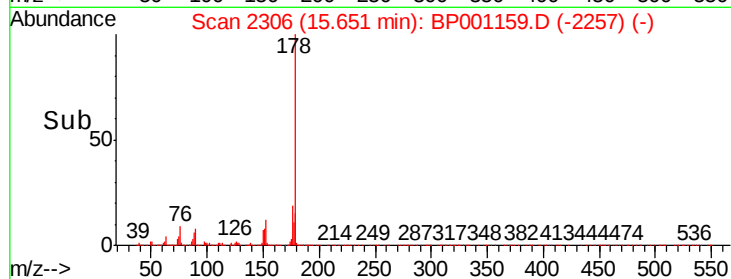
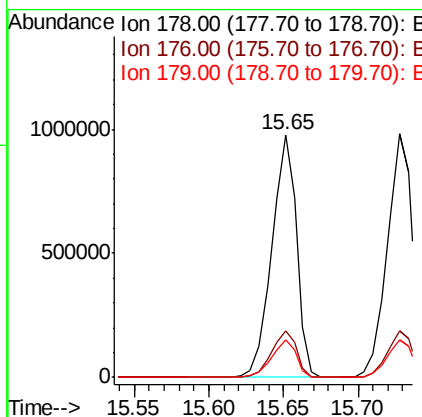
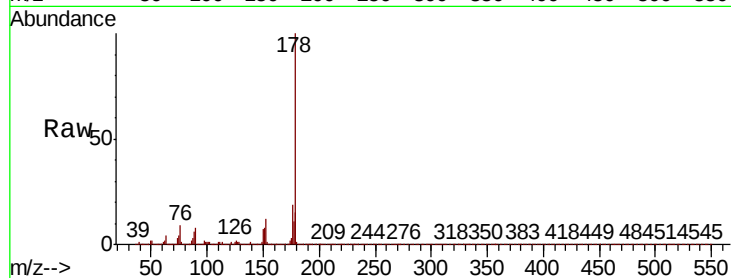
#71  
Phenanthrene  
Concen: 42.019 ng  
RT: 15.65 min Scan# 2306  
Delta R.T. -0.01 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 15.4  | 23.2  |
| 179     | 15.3  | 12.5  | 18.7  |

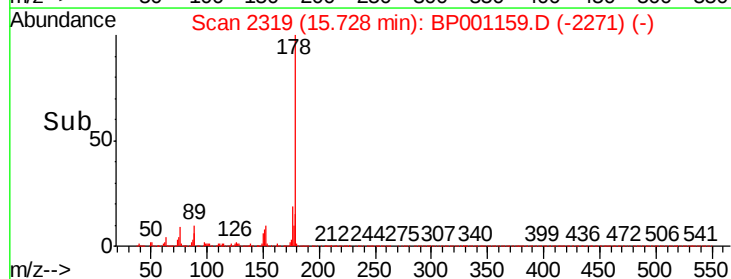
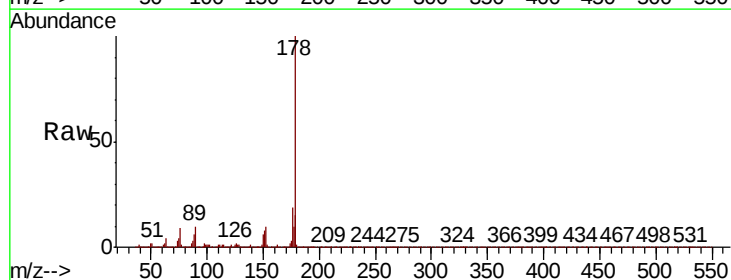
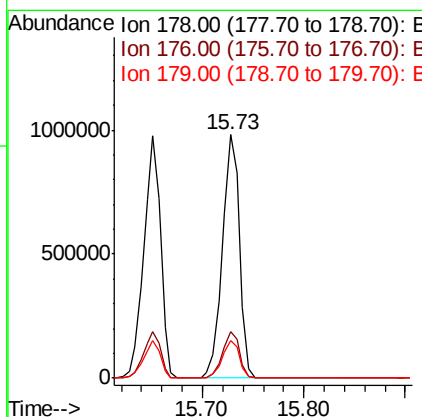
Manual Integrations  
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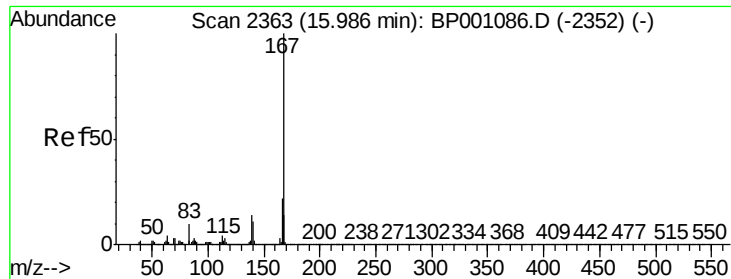
mohammad  
12/4/2019 5:00:40 PM



#72  
Anthracene  
Concen: 43.427 ng  
RT: 15.73 min Scan# 2319  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 14.9  | 22.3  |
| 179     | 15.4  | 12.2  | 18.4  |





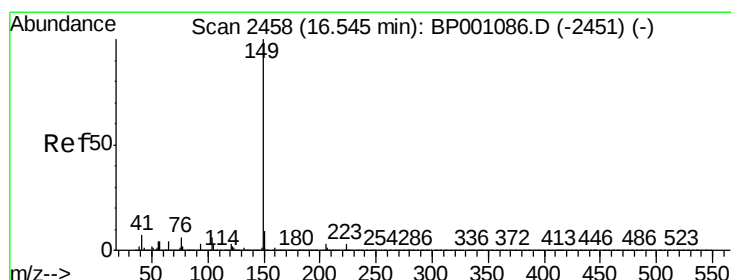
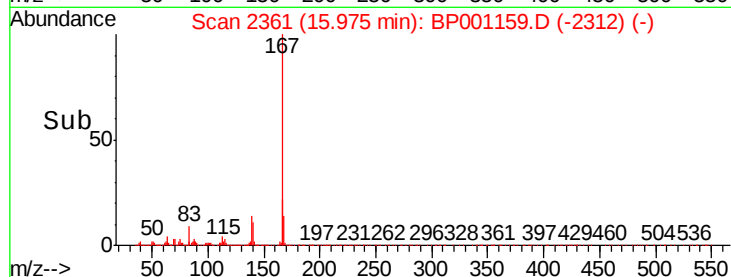
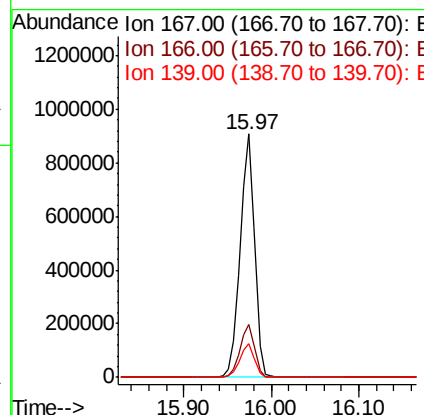
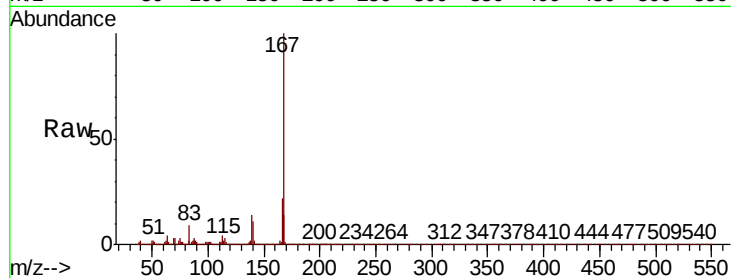
#73  
 Carbazole  
 Concen: 42.499 ng  
 RT: 15.97 min Scan# 2361  
 Delta R.T. -0.01 min  
 Lab File: BP001159.D  
 Acq: 03 Dec 2019 17:10

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.5  | 17.2  | 25.8  |
| 139     | 14.0  | 11.3  | 16.9  |

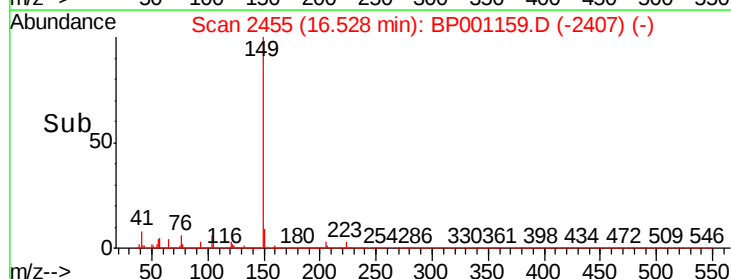
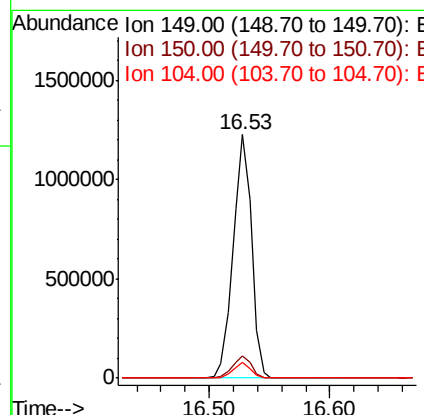
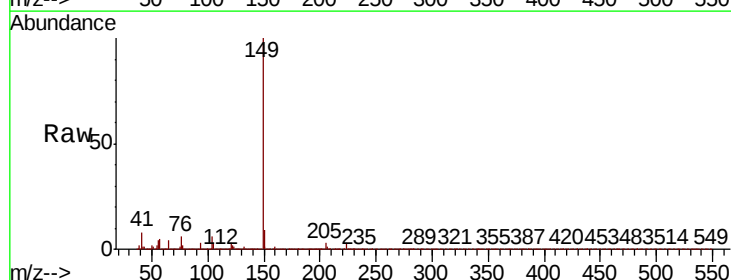
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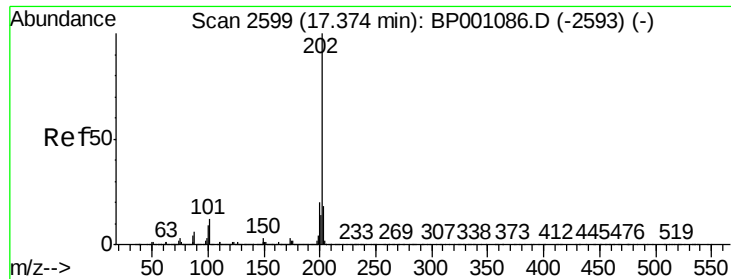
mohammad  
 12/4/2019 5:00:40 PM



#74  
 Di-n-butylphthalate  
 Concen: 40.214 ng  
 RT: 16.53 min Scan# 2455  
 Delta R.T. -0.02 min  
 Lab File: BP001159.D  
 Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.0   | 7.4   | 11.2  |
| 104     | 6.3   | 4.6   | 6.8   |





#75

Fluoranthene

Concen: 43.510 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.02 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

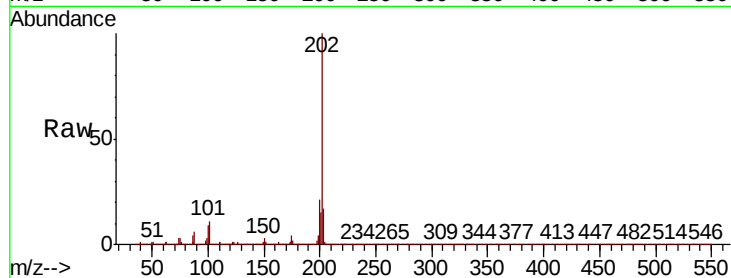
ClientSampled :

PB125130BSD

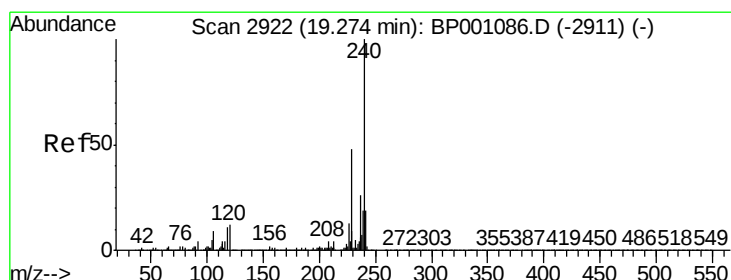
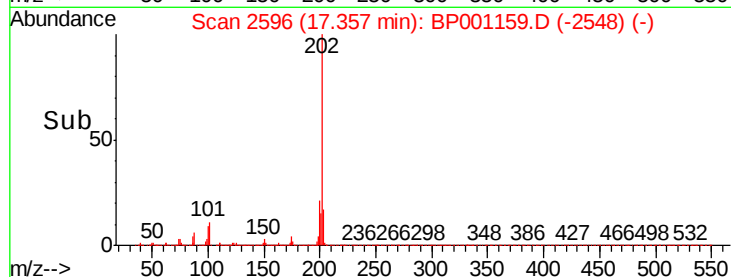
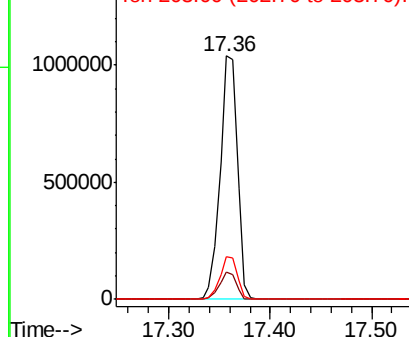
|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1228053 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 11.2  | 0.0   | 32.1    |
| 203       | 17.4  | 0.0   | 37.8    |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

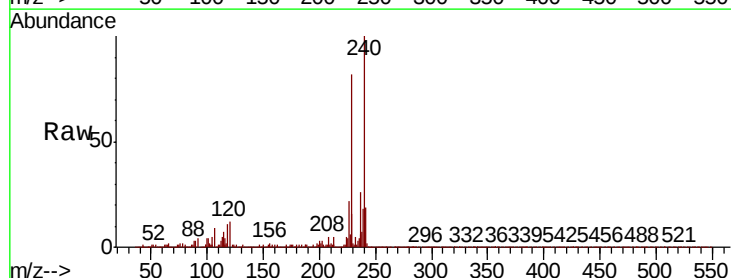
RT: 19.26 min Scan# 2919

Delta R.T. -0.02 min

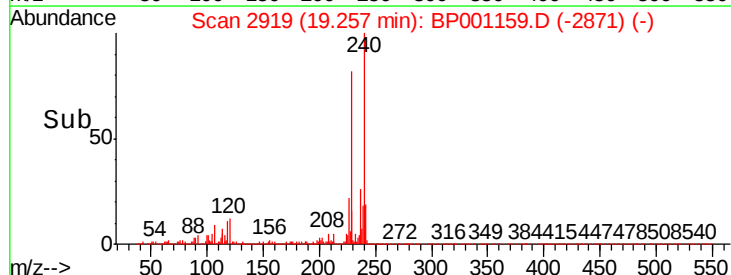
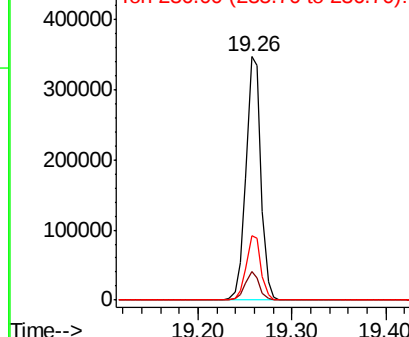
Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 382985 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.8  | 9.5   | 14.3   |
| 236       | 26.5  | 20.4  | 30.6   |



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





#77

Benzidine

Concen: 14.425 ng

RT: 17.55 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

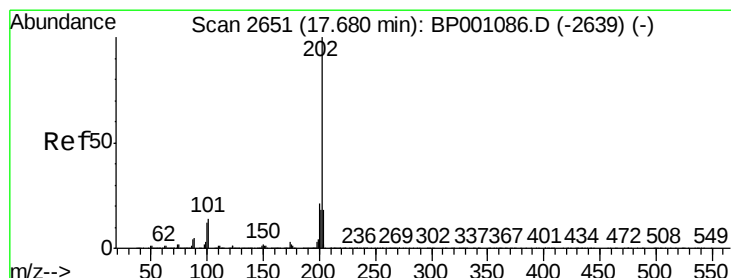
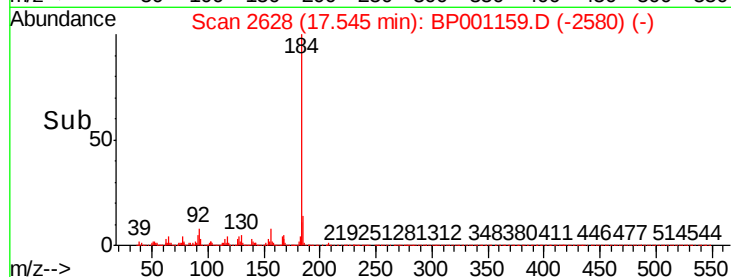
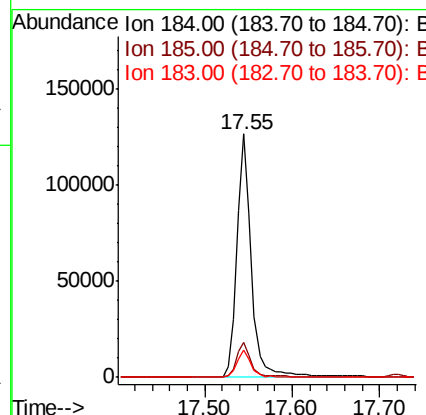
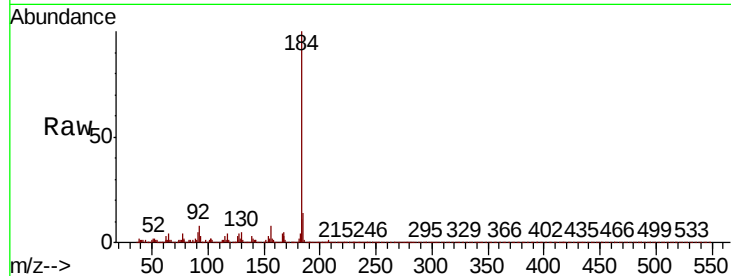
ClientSampleId :

PB125130BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 142643 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.1  | 12.2  | 18.4   |
| 183       | 11.3  | 9.3   | 13.9   |

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#78

Pyrene

Concen: 41.192 ng

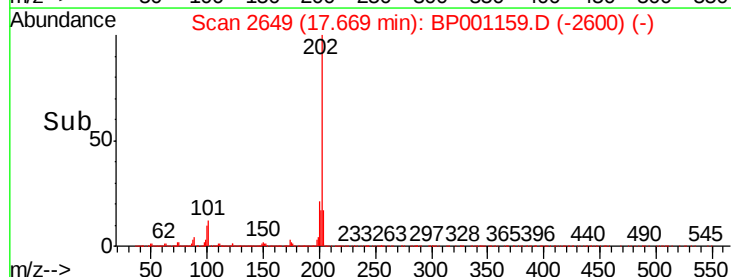
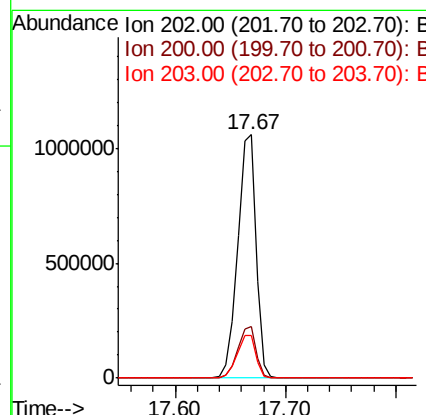
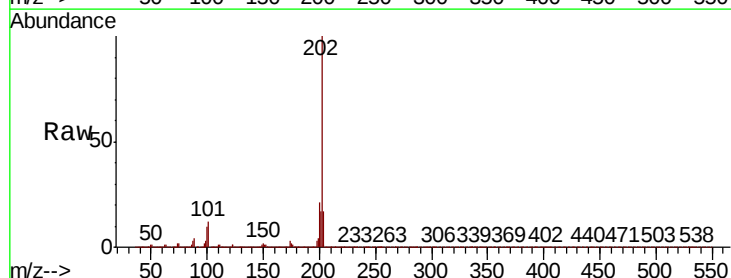
RT: 17.67 min Scan# 2649

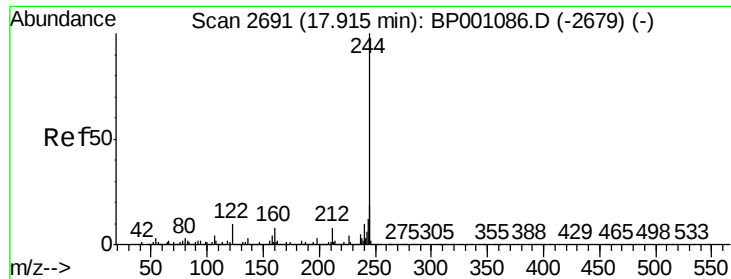
Delta R.T. -0.01 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1242545 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.4  | 17.0  | 25.6    |
| 203       | 17.4  | 14.1  | 21.1    |





#79

Terphenyl-d14

Concen: 63.835 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

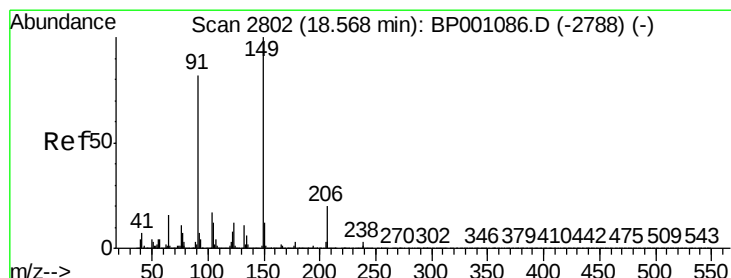
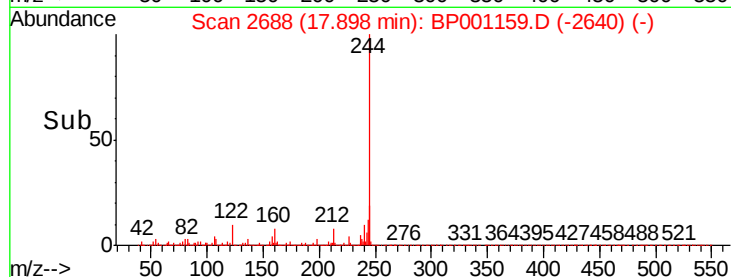
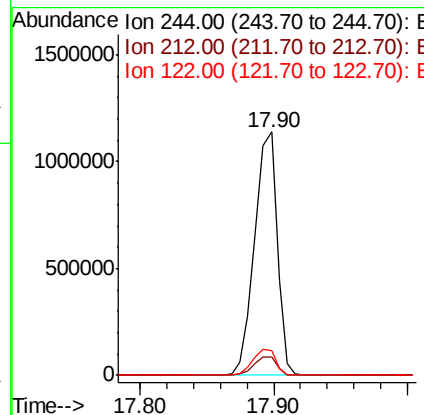
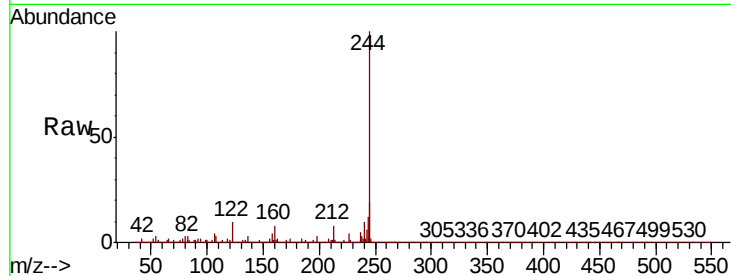
ClientSampleId :

PB125130BSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 244   | Resp: | 1321431 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 7.8   | 6.2   | 9.2     |
| 122       | 10.0  | 8.2   | 12.2    |

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#80

Butylbenzylphthalate

Concen: 39.101 ng

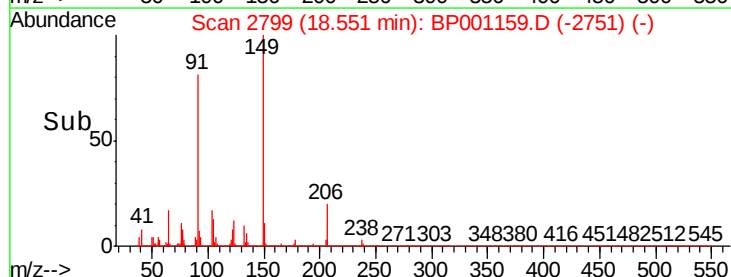
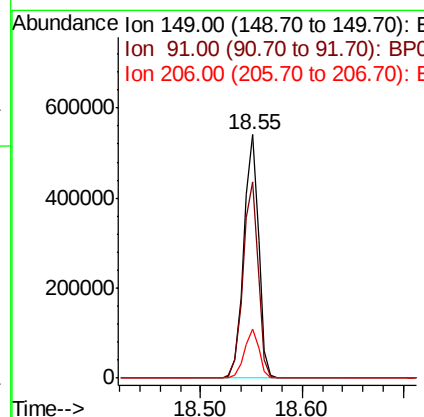
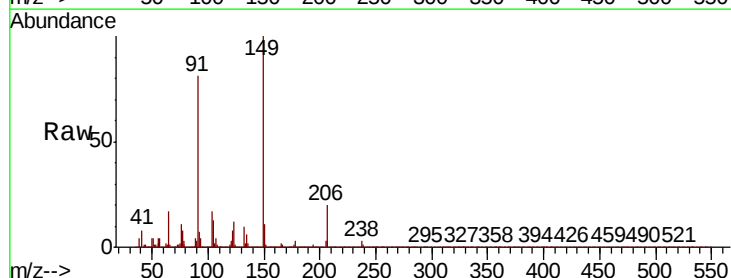
RT: 18.55 min Scan# 2799

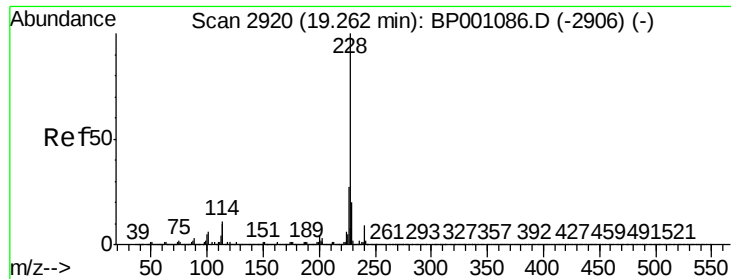
Delta R.T. -0.02 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 544780 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 80.7  | 65.4  | 98.2   |
| 206       | 20.0  | 16.0  | 24.0   |





#81

Benzo(a)anthracene

Concen: 40.580 ng

RT: 19.25 min Scan# 2917

Delta R.T. -0.02 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

ClientSampleId :

PB125130BSD

Tot Ion:228 Resp: 1077543

Ion Ratio Lower Upper

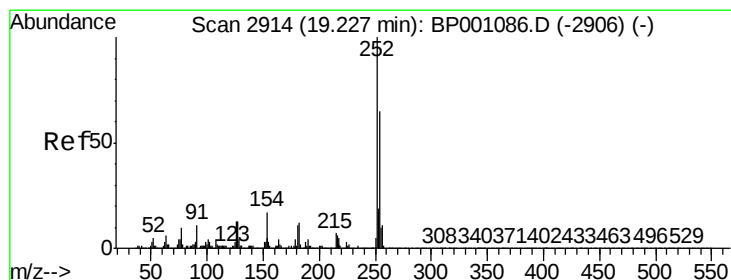
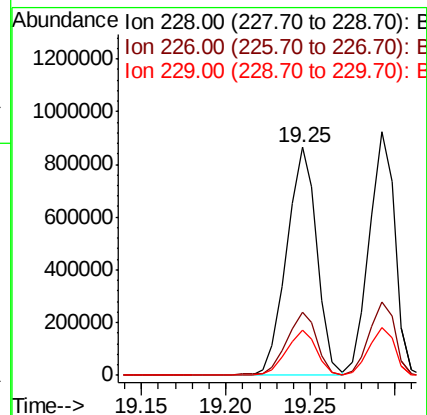
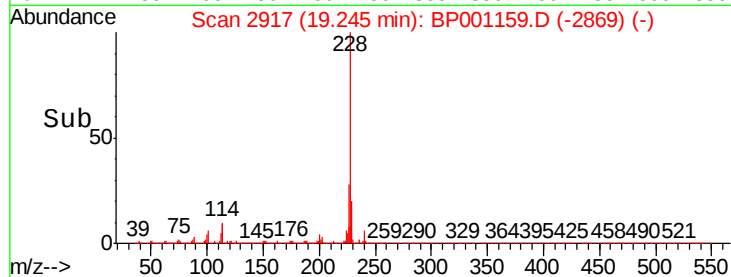
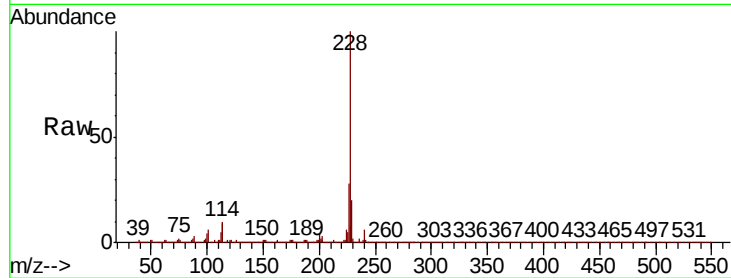
228 100

226 27.7 21.8 32.6

229 19.7 15.8 23.6

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#82

3,3'-Dichlorobenzidine

Concen: 37.667 ng

RT: 19.22 min Scan# 2912

Delta R.T. -0.01 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

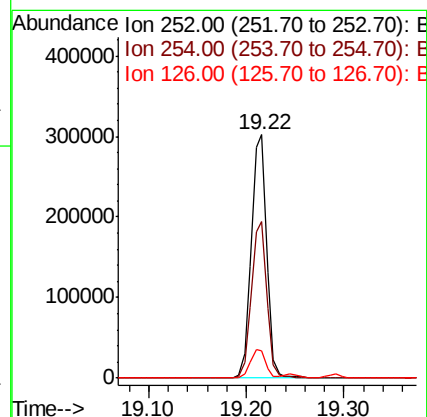
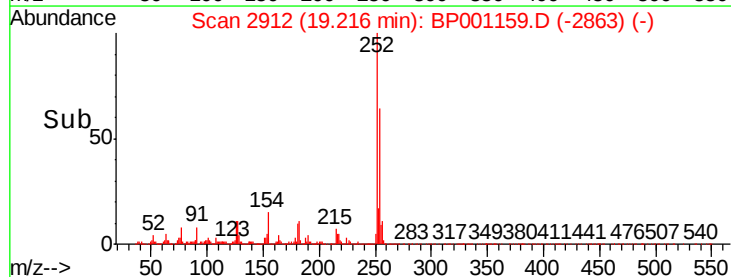
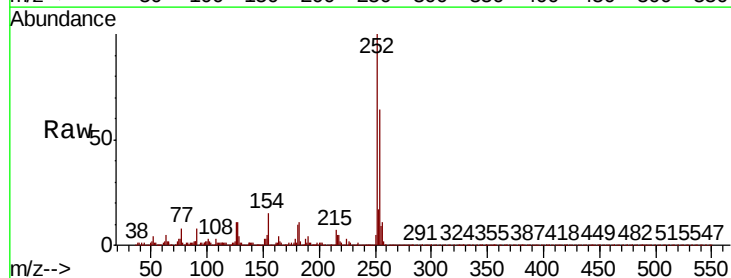
Tgt Ion:252 Resp: 330431

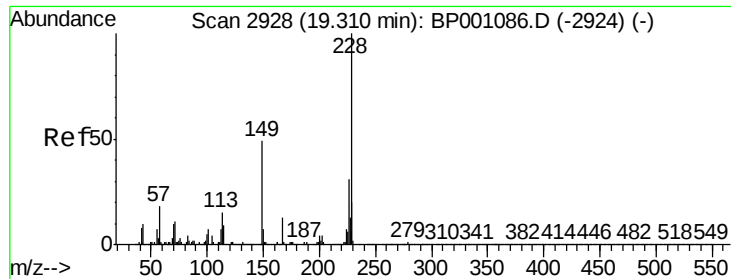
Ion Ratio Lower Upper

252 100

254 64.3 51.7 77.5

126 11.0 10.2 15.4





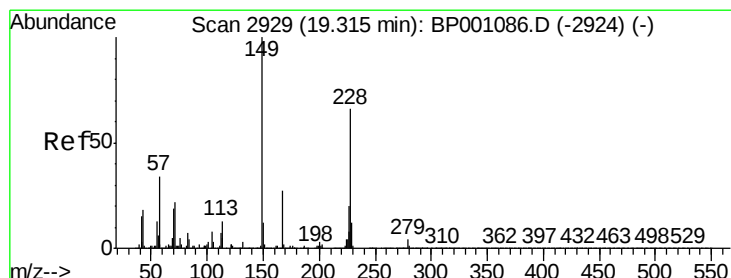
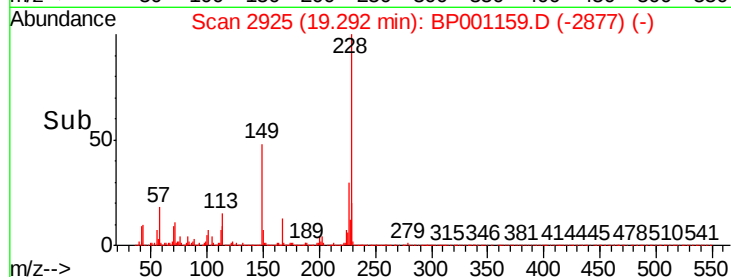
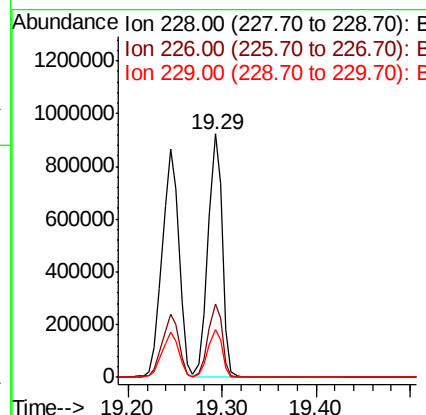
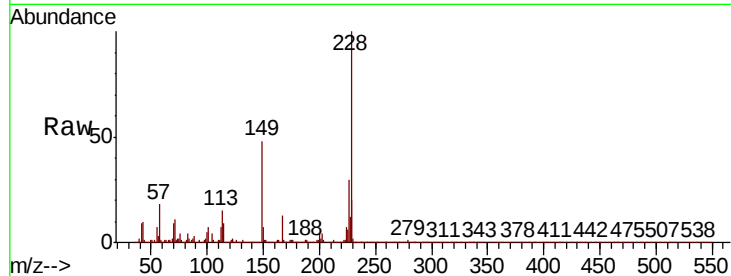
#83  
 Chrysene  
 Concen: 41.232 ng  
 RT: 19.29 min Scan# 2925  
 Delta R.T. -0.02 min  
 Lab File: BP001159.D  
 Acq: 03 Dec 2019 17:10

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.0  | 24.4  | 36.6  |
| 229     | 19.8  | 15.7  | 23.5  |

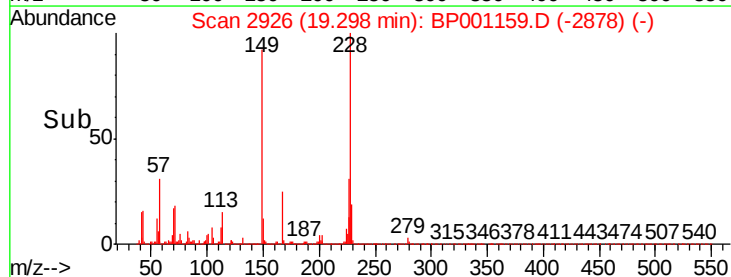
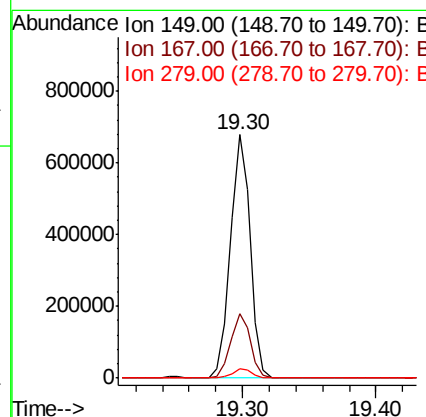
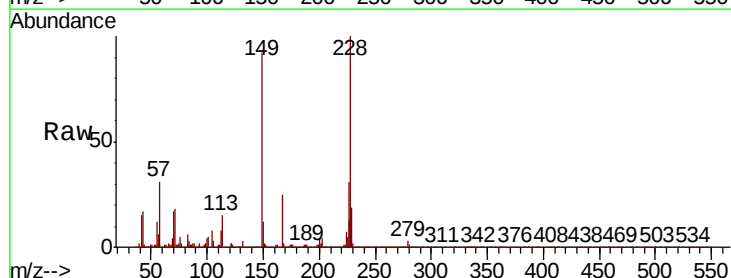
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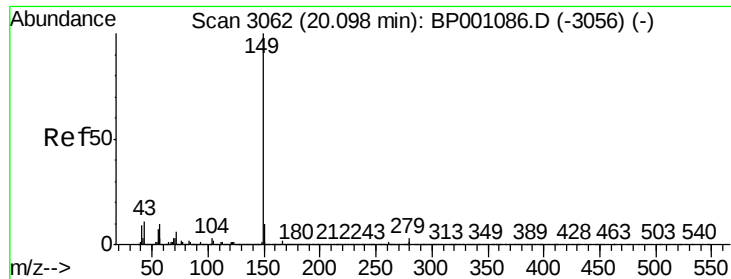
mohammad  
 12/4/2019 5:00:40 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.165 ng  
 RT: 19.30 min Scan# 2926  
 Delta R.T. -0.02 min  
 Lab File: BP001159.D  
 Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.6  | 21.3  | 31.9  |
| 279     | 3.7   | 2.8   | 4.2   |





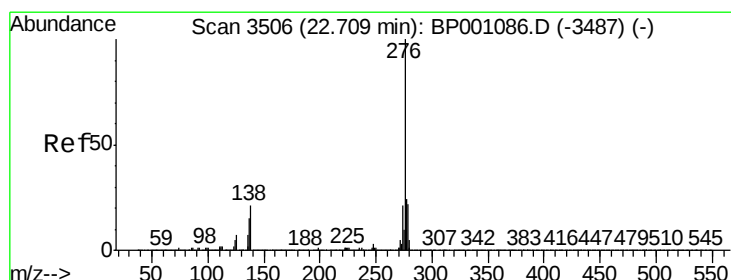
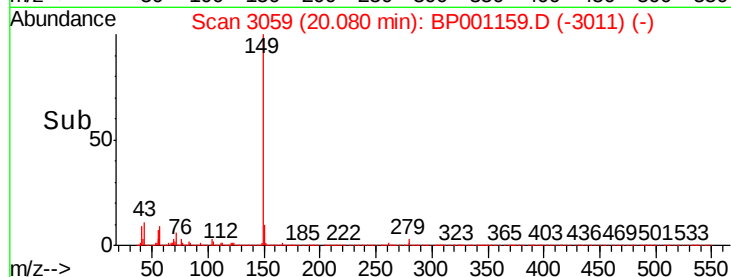
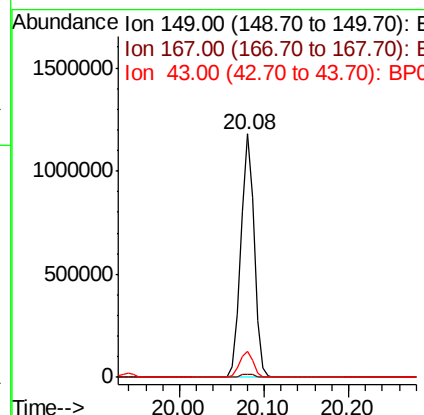
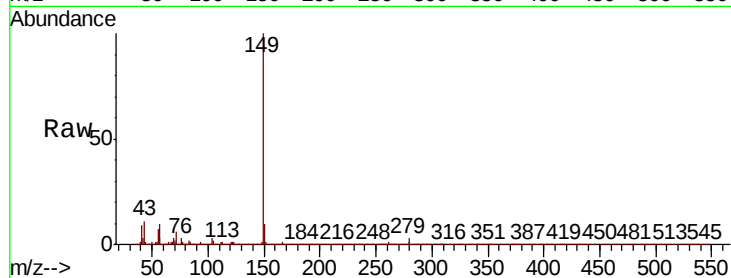
#85  
Di-n-octyl phthalate  
Concen: 36.949 ng  
RT: 20.08 min Scan# 3059  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 11.0  | 8.5   | 12.7  |

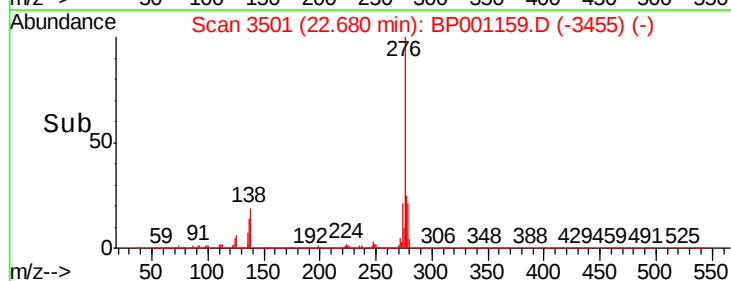
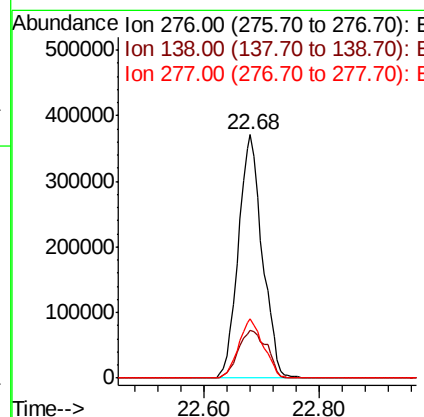
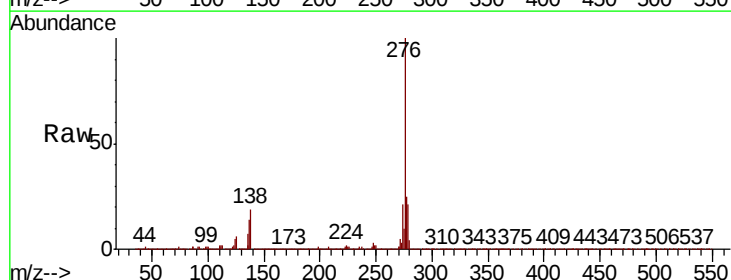
Manual Integrations  
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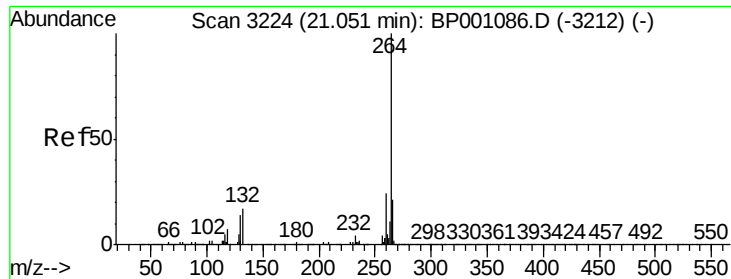
mohammad  
12/4/2019 5:00:40 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 38.069 ng  
RT: 22.68 min Scan# 3501  
Delta R.T. -0.03 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.4  | 20.6  | 30.8  |
| 277     | 25.1  | 20.0  | 30.0  |





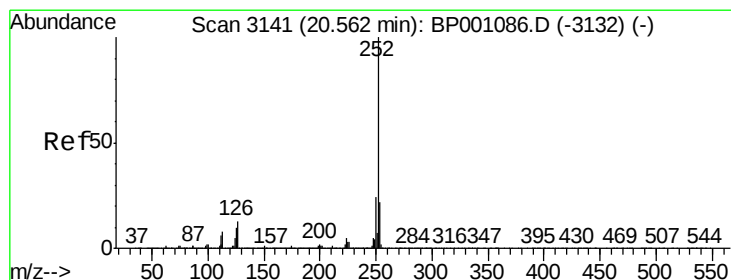
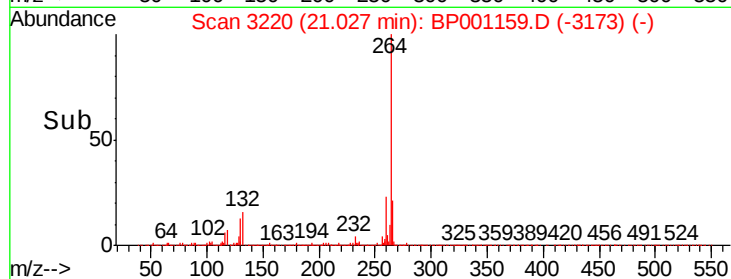
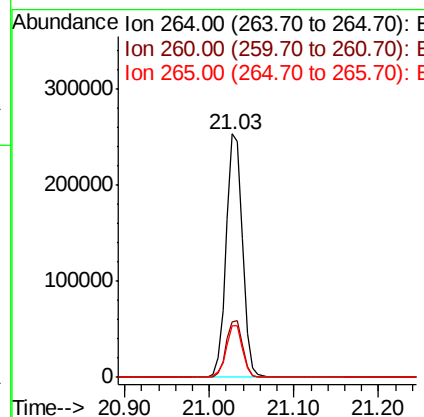
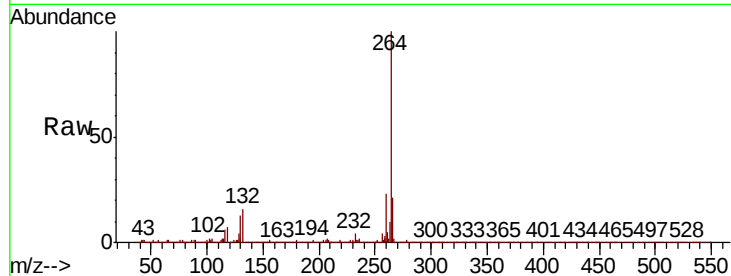
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 21.03 min Scan# 3220  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

Instrument :  
BNA\_P  
ClientSampleId :  
PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.6  | 18.8  | 28.2  |
| 265     | 21.0  | 16.9  | 25.3  |

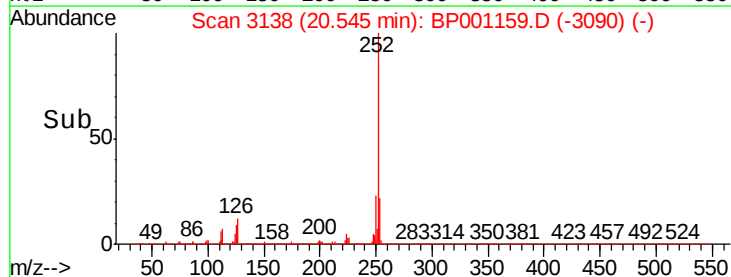
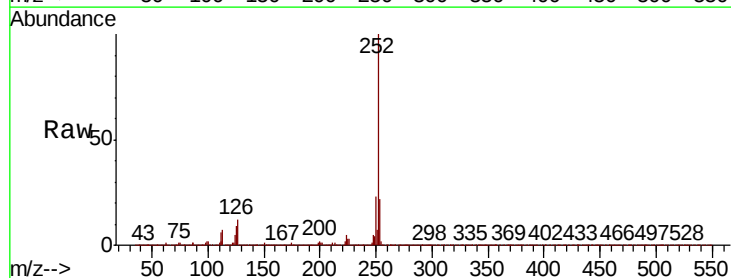
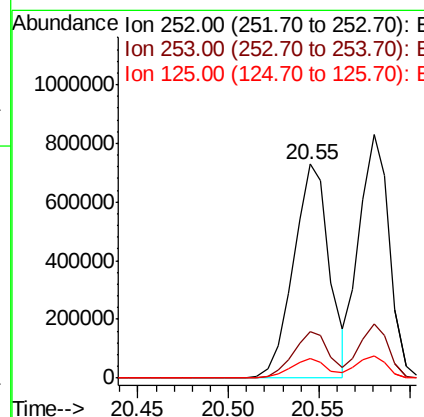
Manual Integrations  
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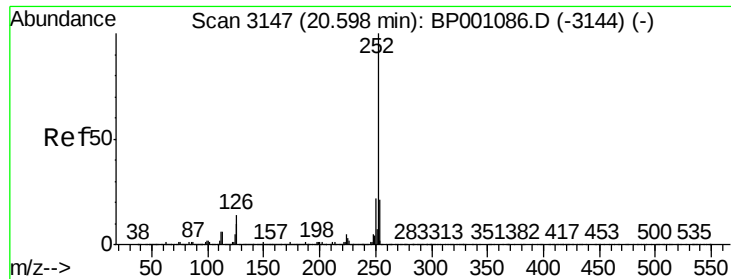
mohammad  
12/4/2019 5:00:40 PM



#88  
Benzo(b)fluoranthene  
Concen: 48.360 ng  
RT: 20.55 min Scan# 3138  
Delta R.T. -0.02 min  
Lab File: BP001159.D  
Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.4  | 26.0  |
| 125     | 9.0   | 8.1   | 12.1  |





#89

Benzo(k)fluoranthene

Concen: 47.749 ng

RT: 20.58 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

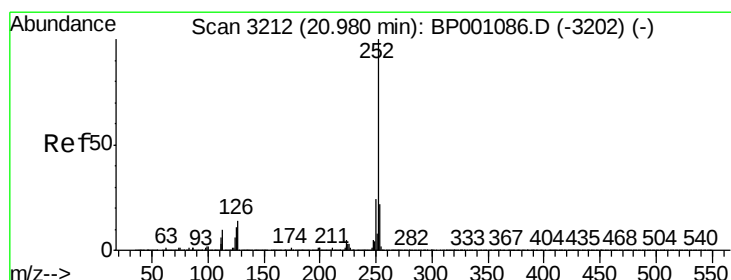
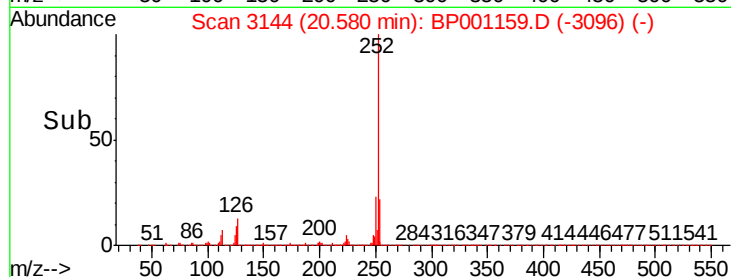
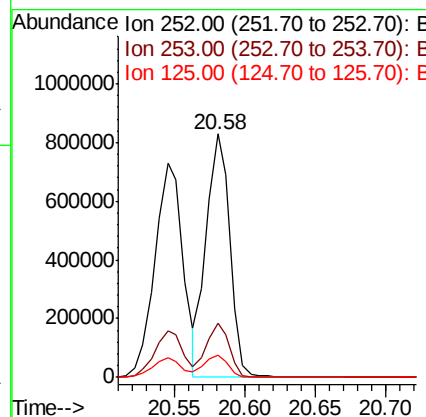
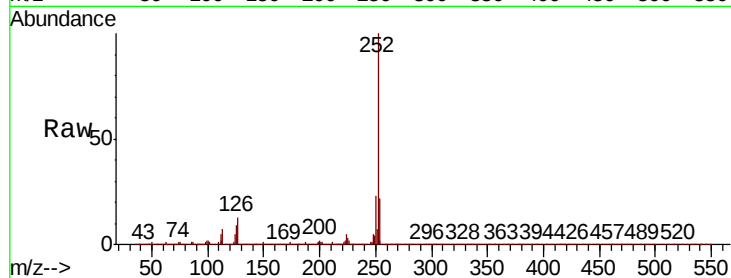
ClientSampleId :

PB125130BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 960762 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 17.1  | 25.7   |
| 125       | 9.3   | 8.2   | 12.2   |

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#90

Benzo(a)pyrene

Concen: 46.427 ng

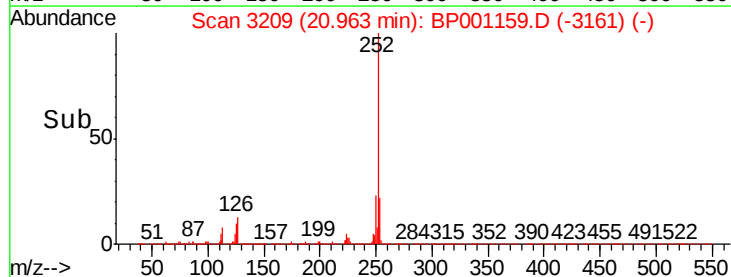
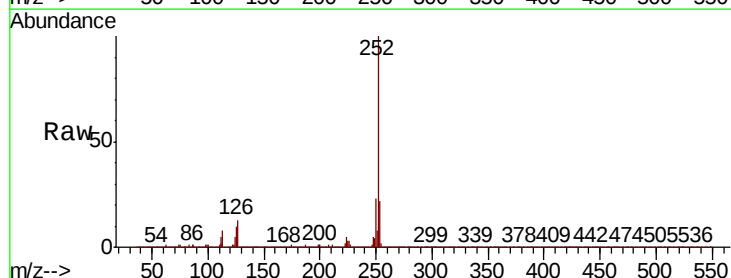
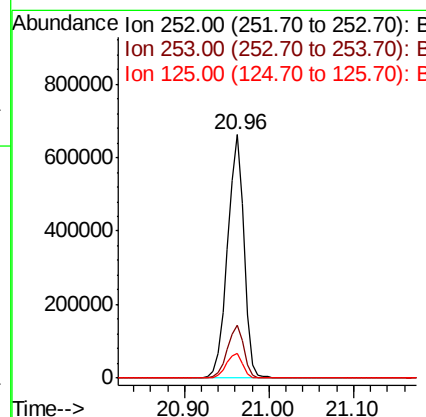
RT: 20.96 min Scan# 3209

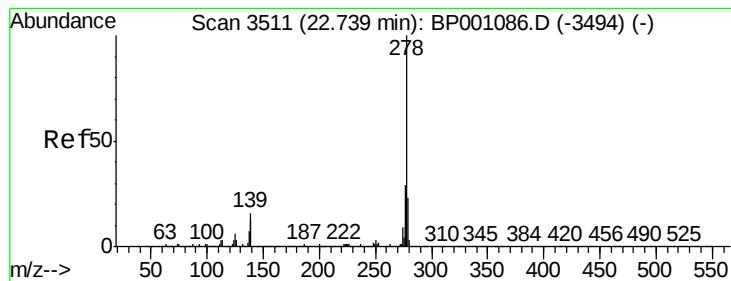
Delta R.T. -0.02 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 893378 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.5  | 17.4  | 26.0   |
| 125       | 9.9   | 8.7   | 13.1   |





#91

Dibenzo(a,h)anthracene

Concen: 47.445 ng

RT: 22.71 min Scan# 3506

Delta R.T. -0.03 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

Instrument :

BNA\_P

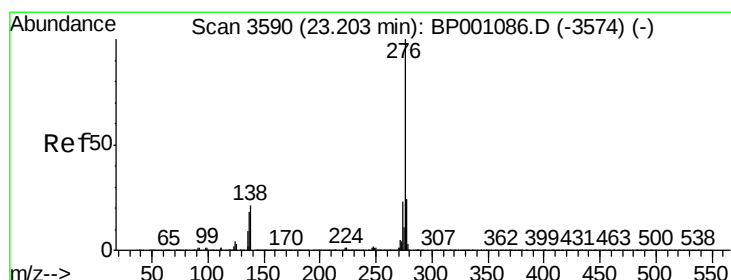
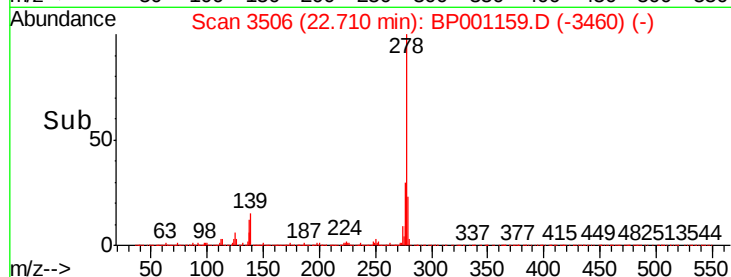
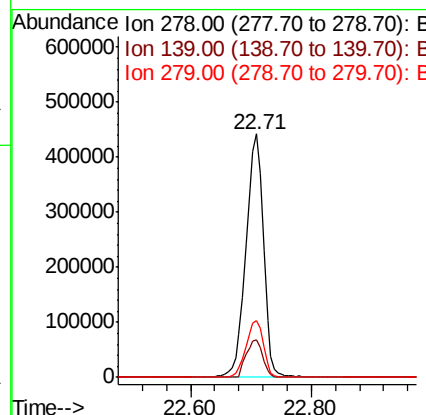
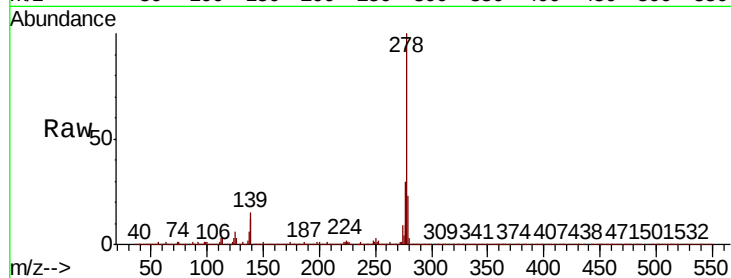
ClientSampleId :

PB125130BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.5  | 13.0  | 19.4  |
| 279     | 23.1  | 18.7  | 28.1  |

Manual Integrations  
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#92

Benzo(g,h,i)perylene

Concen: 48.609 ng

RT: 23.17 min Scan# 3585

Delta R.T. -0.03 min

Lab File: BP001159.D

Acq: 03 Dec 2019 17:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 19.2  | 28.8  |
| 138     | 19.9  | 17.2  | 25.8  |

