

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\  
 Data File : BP001164.D  
 Acq On : 03 Dec 2019 19:39  
 Operator : JU  
 Sample : PB125108BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB125108BS

Manual Integrations  
 APPROVED

mohammad  
 12/4/2019 5:00:53 PM

Quant Time: Dec 04 04:43:02 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  | 169307   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.35 | 136  | 663774   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 13.22 | 164  | 370994   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 15.62 | 188  | 677889   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 19.26 | 240  | 524721   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 21.03 | 264  | 454723   | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 6.24  | 112 | 1346668 | 131.96 | ng | 0.01  |
| 7) Phenol-d6                | 7.78  | 99  | 1748116 | 128.58 | ng | 0.01  |
| 23) Nitrobenzene-d5         | 9.20  | 82  | 997312  | 65.19  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 14.52 | 330 | 430217  | 120.98 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 12.13 | 172 | 1582754 | 62.44  | ng | -0.02 |
| 79) Terphenyl-d14           | 17.90 | 244 | 1764898 | 62.23  | ng | -0.02 |

|                                |       |     |         |        |        |      |
|--------------------------------|-------|-----|---------|--------|--------|------|
| Target Compounds               |       |     |         |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 2.63  | 88  | 151952  | 31.878 | ng     | 95   |
| 3) Pyridine                    | 3.49  | 79  | 397221  | 30.032 | ng     | 93   |
| 4) n-Nitrosodimethylamine      | 3.40  | 42  | 284127  | 49.642 | ng     | 83   |
| 6) Aniline                     | 7.80  | 93  | 567430  | 31.479 | ng     | # 1  |
| 8) 2-Chlorophenol              | 7.99  | 128 | 489682  | 46.379 | ng     | 96   |
| 9) Benzaldehyde                | 7.61  | 77  | 176174  | 18.436 | ng     | 97   |
| 10) Phenol                     | 7.80  | 94  | 684848  | 44.285 | ng     | 88   |
| 11) bis(2-Chloroethyl)ether    | 7.93  | 93  | 517236  | 42.952 | ng     | 98   |
| 12) 1,3-Dichlorobenzene        | 8.22  | 146 | 501314  | 40.059 | ng     | 97   |
| 13) 1,4-Dichlorobenzene        | 8.35  | 146 | 514429  | 40.806 | ng     | 99   |
| 14) 1,2-Dichlorobenzene        | 8.58  | 146 | 487454  | 41.085 | ng     | 100  |
| 15) Benzyl Alcohol             | 8.55  | 79  | 538503  | 48.252 | ng     | 96   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.78  | 45  | 792504  | 40.935 | ng     | 100  |
| 17) 2-Methylphenol             | 8.75  | 107 | 431002  | 44.501 | ng     | 97   |
| 18) Hexachloroethane           | 9.12  | 117 | 214629  | 41.156 | ng     | 97   |
| 19) n-Nitroso-di-n-propylamine | 8.99  | 70  | 412894  | 42.088 | ng     | 96   |
| 20) 3+4-Methylphenols          | 8.99  | 107 | 540343  | 44.259 | ng     | 98   |
| 22) Acetophenone               | 8.97  | 105 | 787607  | 40.371 | ng     | # 95 |
| 24) Nitrobenzene               | 9.23  | 77  | 645058  | 42.401 | ng     | 99   |
| 25) Isophorone                 | 9.63  | 82  | 1130183 | 41.195 | ng     | 99   |
| 26) 2-Nitrophenol              | 9.74  | 139 | 252722  | 45.352 | ng     | 93   |
| 27) 2,4-Dimethylphenol         | 9.83  | 122 | 421482  | 47.751 | ng     | 93   |
| 28) bis(2-Chloroethoxy)methane | 9.99  | 93  | 643740  | 37.398 | ng     | 99   |
| 29) 2,4-Dichlorophenol         | 10.13 | 162 | 417743  | 41.582 | ng     | 99   |
| 30) 1,2,4-Trichlorobenzene     | 10.27 | 180 | 466644  | 39.769 | ng     | 99   |
| 31) Naphthalene                | 10.39 | 128 | 1359870 | 40.113 | ng     | 100  |
| 32) Benzoic acid               | 10.05 | 122 | 293319  | 45.965 | ng     | 97   |
| 33) 4-Chloroaniline            | 10.48 | 127 | 368955  | 25.080 | ng     | 99   |
| 34) Hexachlorobutadiene        | 10.61 | 225 | 290244  | 39.321 | ng     | 99   |
| 35) Caprolactam                | 11.07 | 113 | 136313m | 39.370 | ng     |      |
| 36) 4-Chloro-3-methylphenol    | 11.30 | 107 | 504777  | 42.379 | ng     | 99   |
| 37) 2-Methylnaphthalene        | 11.52 | 142 | 930657  | 40.232 | ng     | 97   |
| 38) 1-Methylnaphthalene        | 11.67 | 142 | 878426  | 40.199 | ng     | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 11.79 | 216 | 453441  | 38.783 | ng     | 98   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\  
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 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB125108BS

Manual Integrations  
 APPROVED

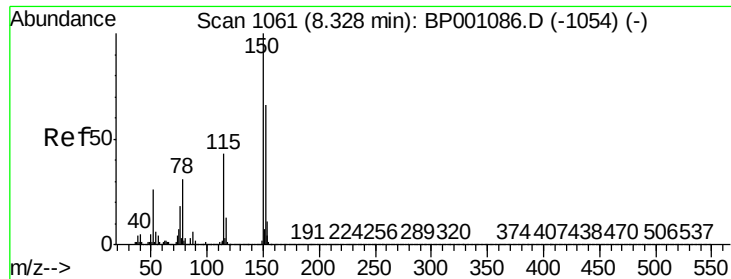
mohammad  
 12/4/2019 5:00:53 PM

Quant Time: Dec 04 04:43:02 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  | 405256   | 75.135 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 11.98 | 196  | 313562   | 41.075 | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 12.05 | 196  | 329670   | 41.680 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 12.29 | 154  | 1120198  | 39.070 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 12.31 | 162  | 871236   | 38.041 | nq    | 98       |
| 48) 2-Nitroaniline             | 12.48 | 65   | 361903   | 40.319 | nq    | 99       |
| 49) Acenaphthylene             | 12.99 | 152  | 1381180  | 40.233 | nq    | 100      |
| 50) Dimethylphthalate          | 12.82 | 163  | 1063968  | 38.346 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 12.90 | 165  | 239431   | 40.311 | nq    | 99       |
| 52) Acenaphthene               | 13.27 | 154  | 801992   | 38.837 | nq    | 99       |
| 53) 3-Nitroaniline             | 13.15 | 138  | 181757   | 27.241 | nq    | 96       |
| 54) 2,4-Dinitrophenol          | 13.33 | 184  | 203593   | 83.569 | nq    | # 84     |
| 55) Dibenzofuran               | 13.56 | 168  | 1228214  | 39.580 | nq    | 97       |
| 56) 4-Nitrophenol              | 13.46 | 139  | 400680   | 84.747 | nq    | 84       |
| 57) 2,4-Dinitrotoluene         | 13.55 | 165  | 307137   | 41.254 | nq    | # 82     |
| 58) Fluorene                   | 14.12 | 166  | 978458   | 39.350 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 13.76 | 232  | 271285m  | 41.724 | nq    |          |
| 60) Diethylphthalate           | 13.99 | 149  | 1079065  | 37.559 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 14.14 | 204  | 481489   | 38.027 | nq    | 98       |
| 62) 4-Nitroaniline             | 12.48 | 138  | 297698   | 38.484 | nq    | 95       |
| 63) Azobenzene                 | 14.40 | 77   | 1219859  | 39.281 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 14.22 | 198  | 142108   | 48.764 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 14.33 | 169  | 846592   | 41.102 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 14.93 | 248  | 288880   | 39.252 | nq    | 93       |
| 68) Hexachlorobenzene          | 15.02 | 284  | 315731   | 39.022 | nq    | 97       |
| 69) Atrazine                   | 15.23 | 200  | 290554   | 46.201 | nq    | 97       |
| 70) Pentachlorophenol          | 15.33 | 266  | 385443   | 91.402 | nq    | 98       |
| 71) Phenanthrene               | 15.65 | 178  | 1462057  | 41.024 | nq    | 100      |
| 72) Anthracene                 | 15.73 | 178  | 1485963  | 42.302 | nq    | 100      |
| 73) Carbazole                  | 15.97 | 167  | 1343882  | 42.043 | nq    | 100      |
| 74) Di-n-butylphthalate        | 16.53 | 149  | 1692150  | 39.374 | nq    | 99       |
| 75) Fluoranthene               | 17.36 | 202  | 1601454  | 42.446 | nq    | 98       |
| 77) Benzidine                  | 17.55 | 184  | 421034   | 31.077 | nq    | 99       |
| 78) Pyrene                     | 17.67 | 202  | 1628344  | 39.400 | nq    | 100      |
| 80) Butylbenzylphthalate       | 18.55 | 149  | 732518   | 38.374 | nq    | 99       |
| 81) Benzo(a)anthracene         | 19.25 | 228  | 1439403  | 39.565 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 19.22 | 252  | 488051   | 40.607 | nq    | 98       |
| 83) Chrysene                   | 19.30 | 228  | 1299608  | 39.892 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 19.30 | 149  | 950465   | 36.215 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 20.08 | 149  | 1712098  | 36.724 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 22.69 | 276  | 1481195  | 38.579 | nq    | 97       |
| 88) Benzo(b)fluoranthene       | 20.55 | 252  | 1342405  | 48.332 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 20.59 | 252  | 1346655  | 50.341 | nq    | 98       |
| 90) Benzo(a)pyrene             | 20.96 | 252  | 1233397  | 48.212 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 22.72 | 278  | 1245509  | 49.749 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 23.19 | 276  | 1265467  | 51.189 | nq    | 98       |

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





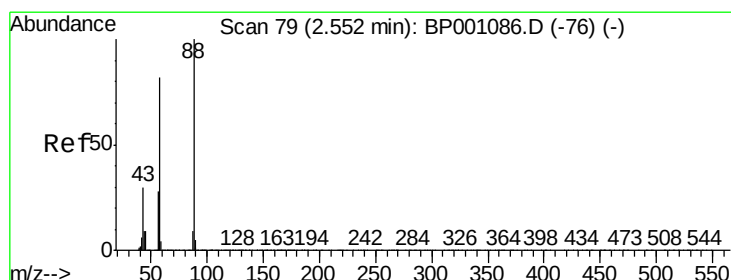
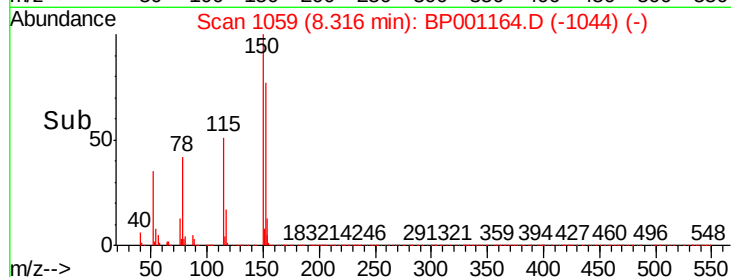
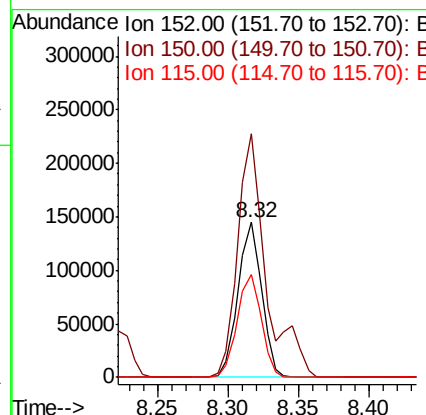
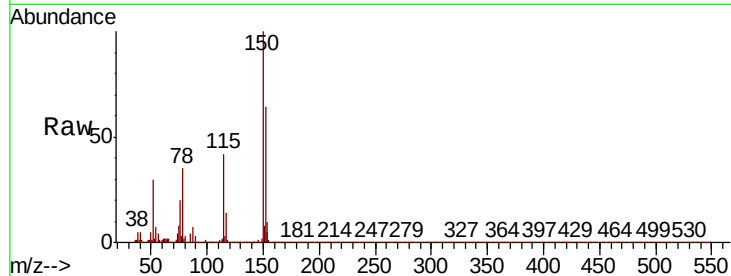
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.32 min Scan# 1059  
 Delta R.T. -0.01 min  
 Lab File: BP001164.D  
 Acq: 03 Dec 2019 19:39

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.0 | 120.6 | 181.0 |
| 115     | 66.6  | 51.6  | 77.4  |

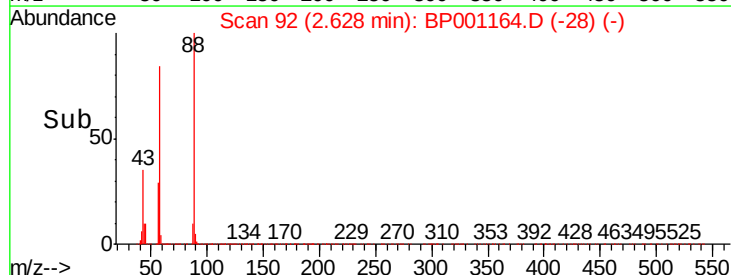
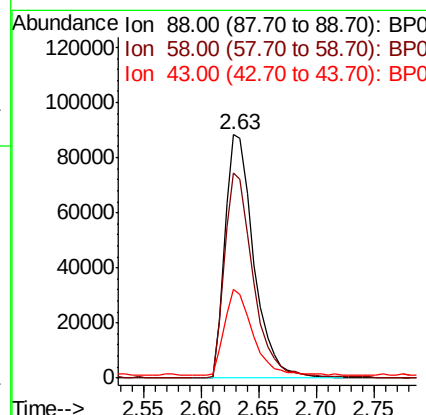
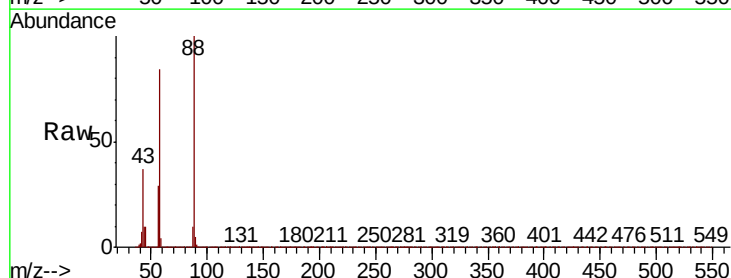
Manual Integrations  
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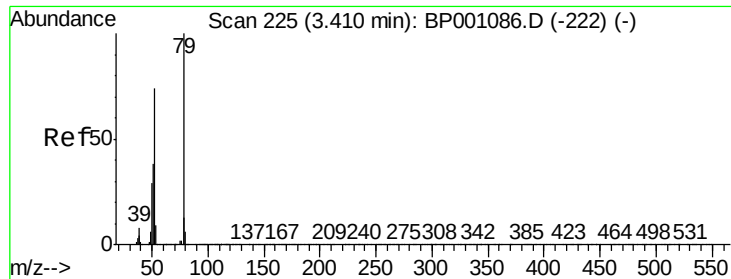
mohammad  
 12/4/2019 5:00:53 PM



#2  
 1,4-Dioxane  
 Concen: 31.878 ng  
 RT: 2.63 min Scan# 92  
 Delta R.T. 0.08 min  
 Lab File: BP001164.D  
 Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 83.0  | 64.3  | 96.5  |
| 43      | 35.0  | 23.8  | 35.6  |





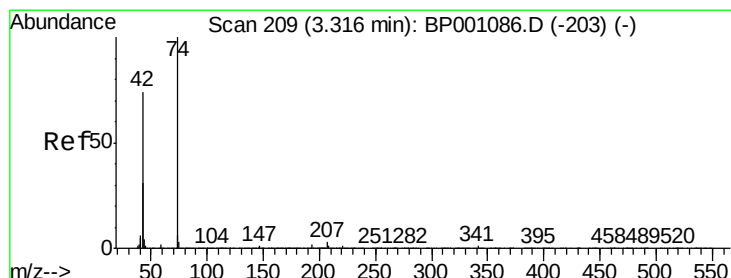
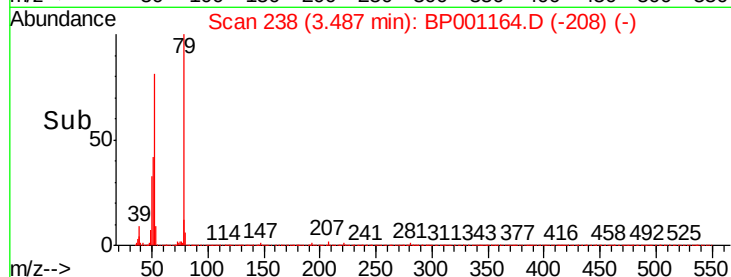
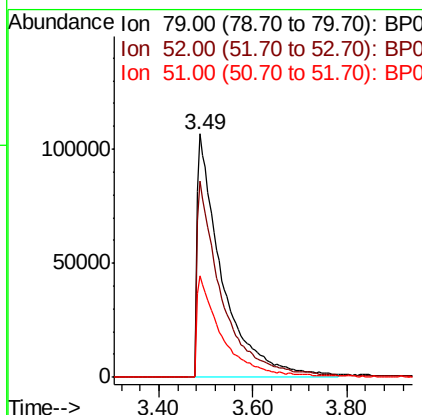
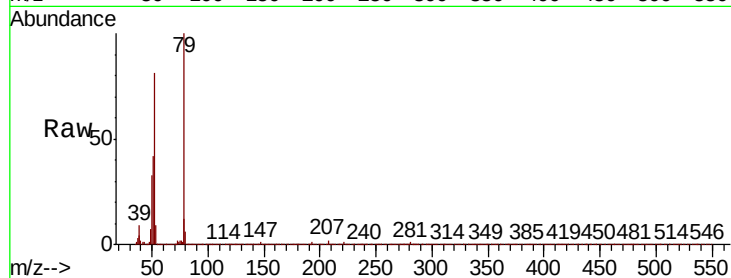
#3  
 Pvridine  
 Concen: 30.032 ng  
 RT: 3.49 min Scan# 238  
 Delta R.T. 0.08 min  
 Lab File: BP001164.D  
 Acq: 03 Dec 2019 19:39

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 80.7  | 59.4  | 89.2  |
| 51      | 41.7  | 30.2  | 45.4  |

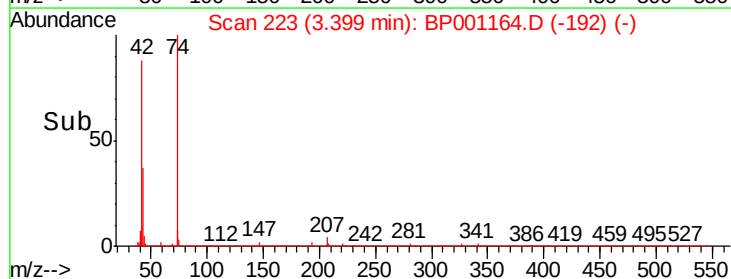
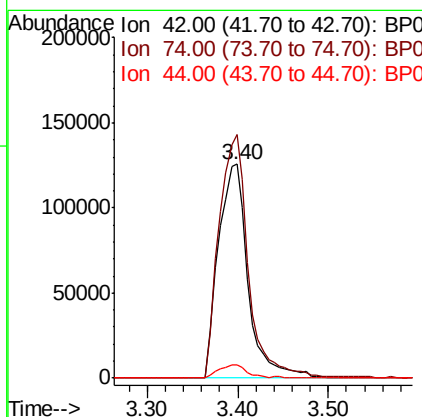
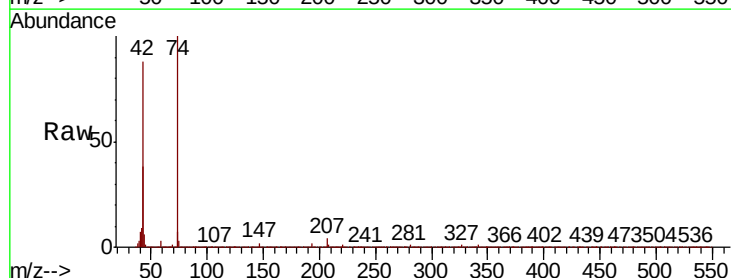
Manual Integrations  
 APPROVED

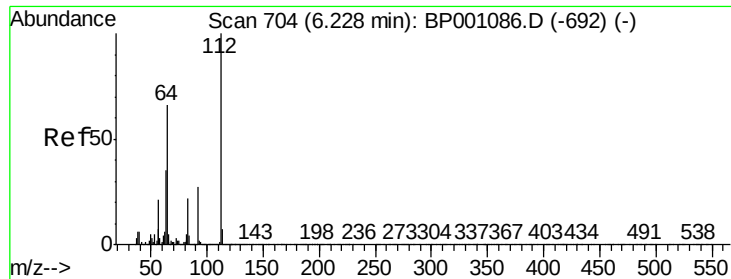
mohammad  
 12/4/2019 5:00:53 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 49.642 ng  
 RT: 3.40 min Scan# 223  
 Delta R.T. 0.08 min  
 Lab File: BP001164.D  
 Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 114.0 | 108.6 | 163.0 |
| 44      | 6.4   | 5.1   | 7.7   |





#5

2-Fluorophenol

Concen: 131.963 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA\_P

ClientSampleId :

PB125108BS

Tot Ion:112 Resp: 1346668

Ion Ratio Lower Upper

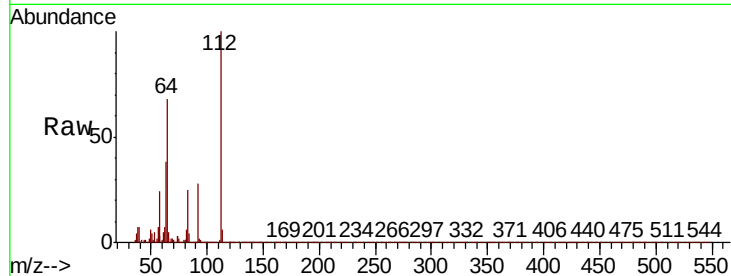
112 100

64 67.9 52.8 79.2

63 38.4 28.2 42.2

Manual Integrations  
APPROVED

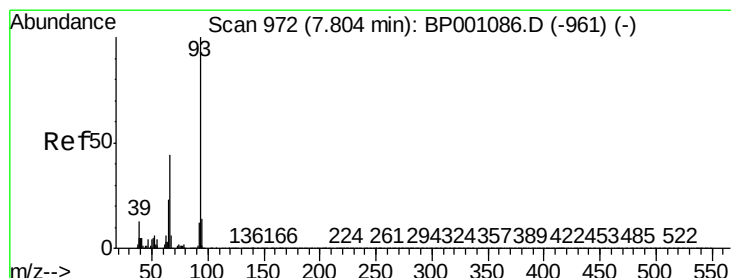
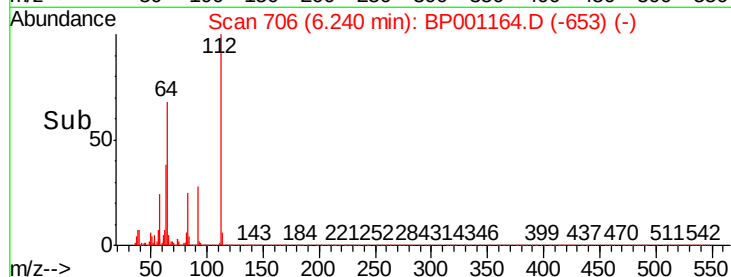
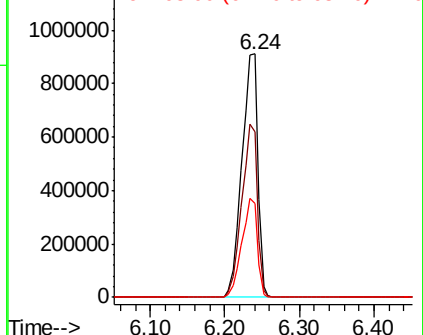
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12/4/2019 5:00:53 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 31.479 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

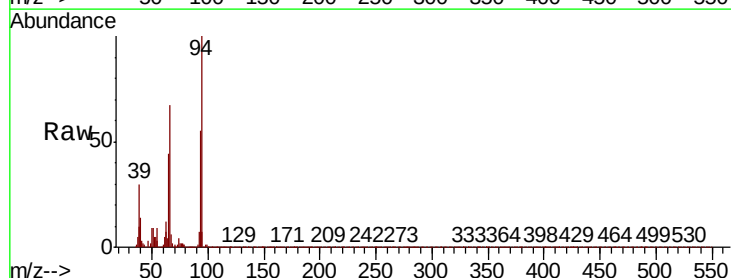
Tgt Ion: 93 Resp: 567430

Ion Ratio Lower Upper

93 100

66 123.1 34.9 52.3#

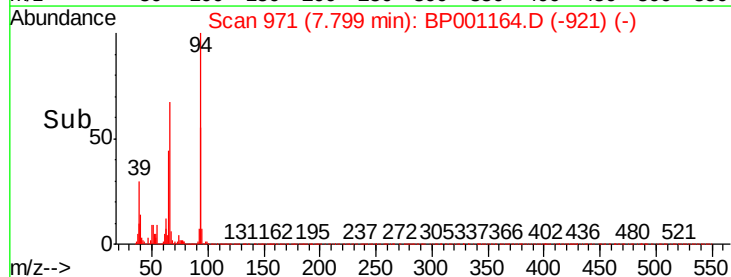
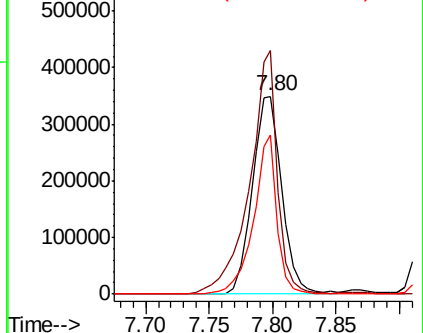
65 80.7 18.5 27.7#

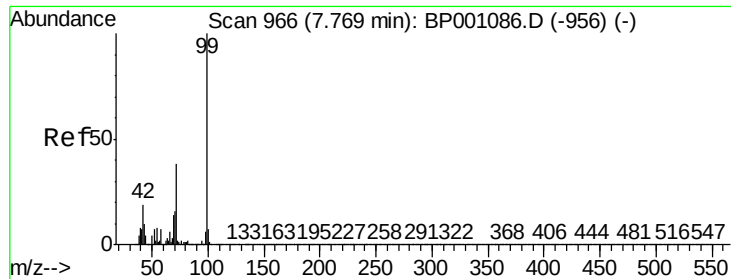


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 128.581 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA\_P

ClientSampleId :

PB125108BS

Tot Ion: 99 Resp: 1748116

Ion Ratio Lower Upper

99 100

42 21.8 15.4 23.0

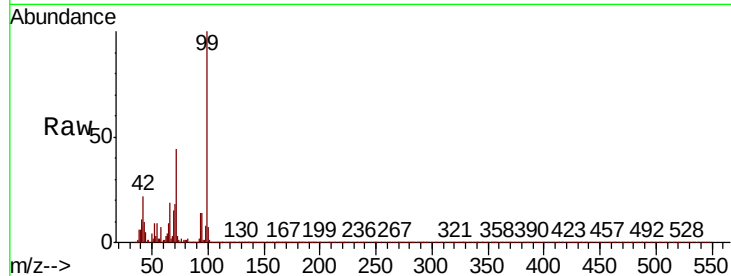
71 43.9 30.8 46.2

Manual Integrations

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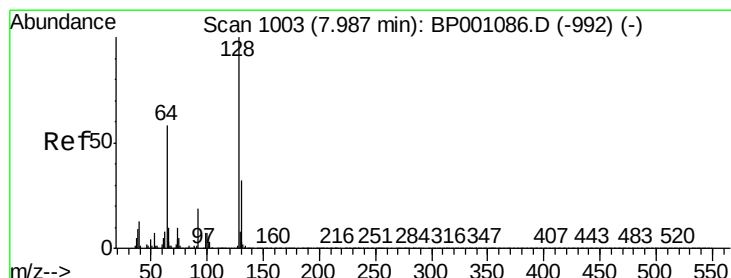
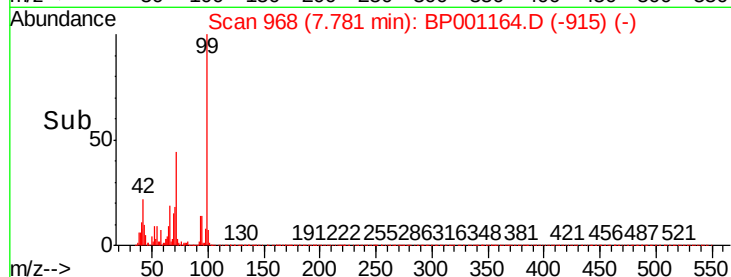
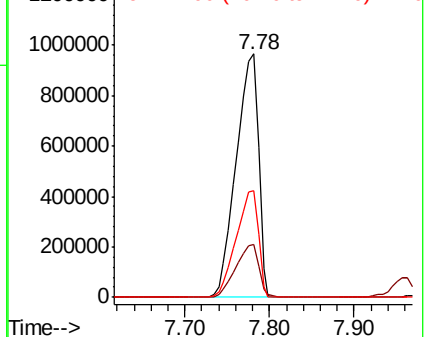
12/4/2019 5:00:53 PM



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 46.379 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

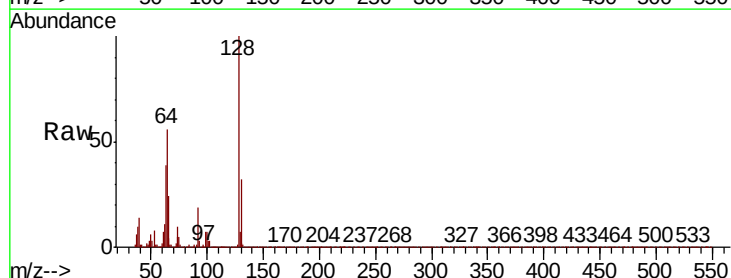
Tgt Ion: 128 Resp: 489682

Ion Ratio Lower Upper

128 100

130 31.8 11.7 51.7

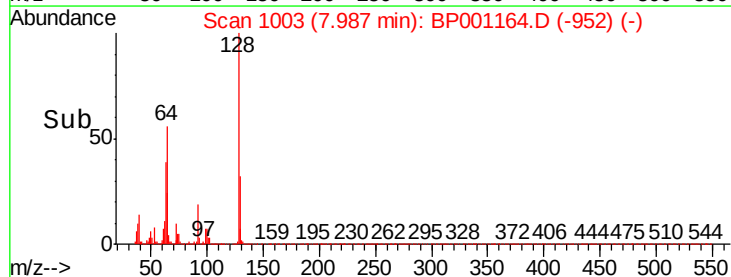
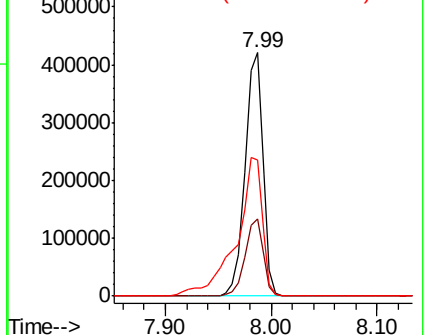
64 55.7 39.7 79.7



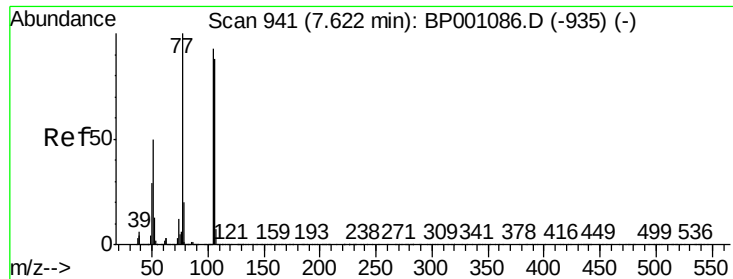
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0







#9

Benzaldehyde

Concen: 18.436 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA\_P

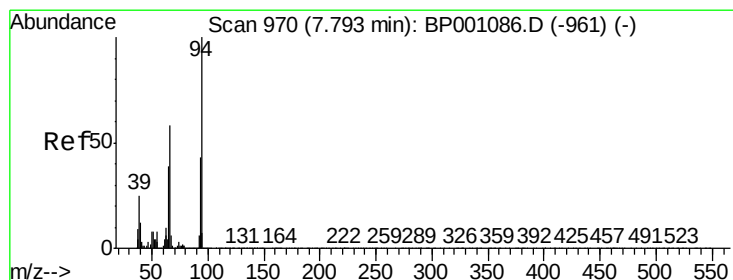
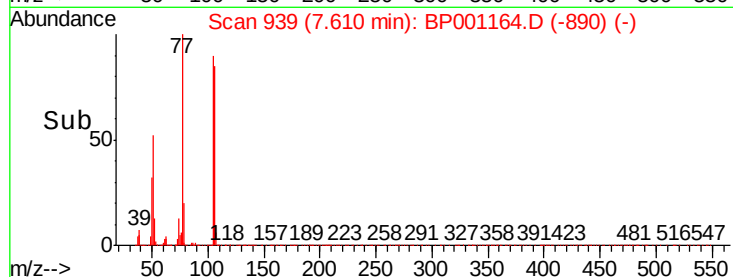
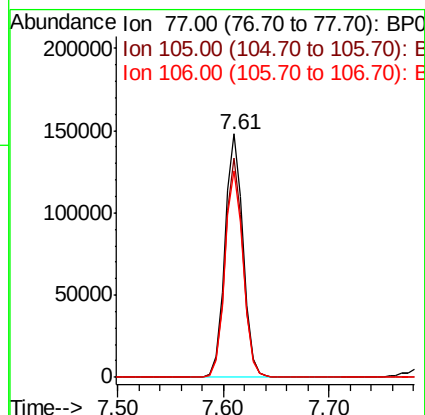
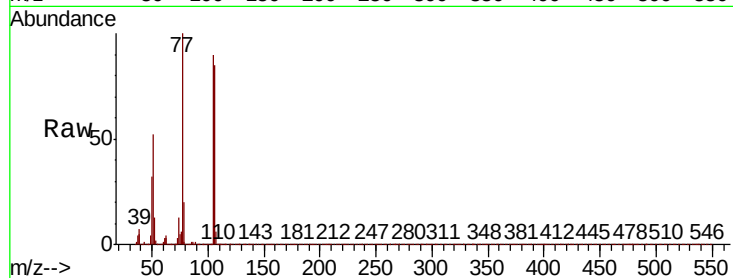
ClientSampleId :

PB125108BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 176174 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 90.1  | 72.5  | 112.5  |
| 106       | 84.8  | 67.6  | 107.6  |

Manual Integrations  
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mohammad  
12/4/2019 5:00:53 PM



#10

Phenol

Concen: 44.285 ng

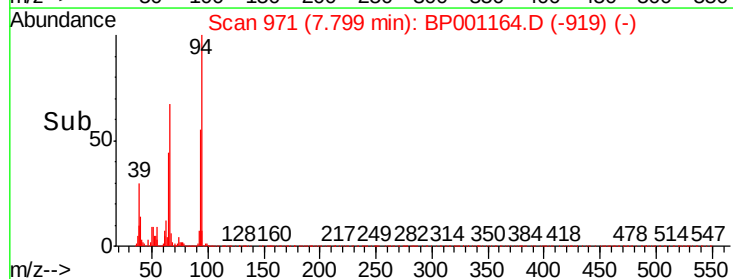
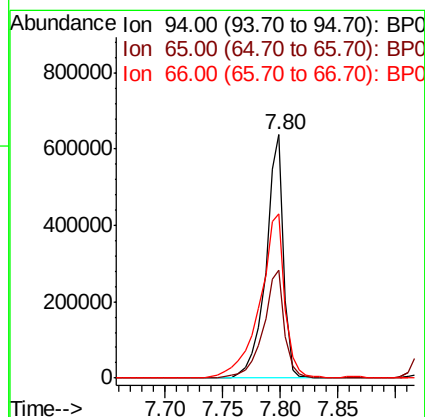
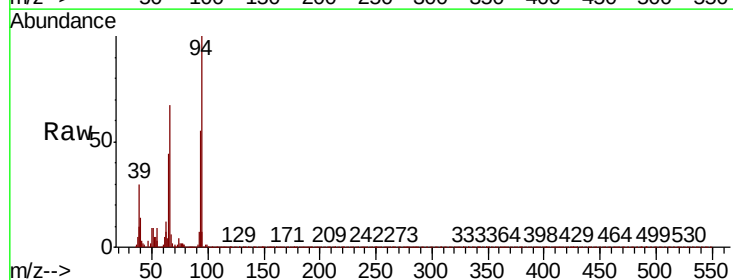
RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

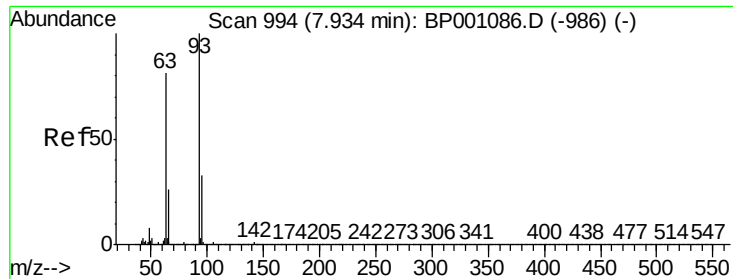
Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 684848 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 44.2  | 18.6  | 58.6   |
| 66        | 67.4  | 37.6  | 77.6   |







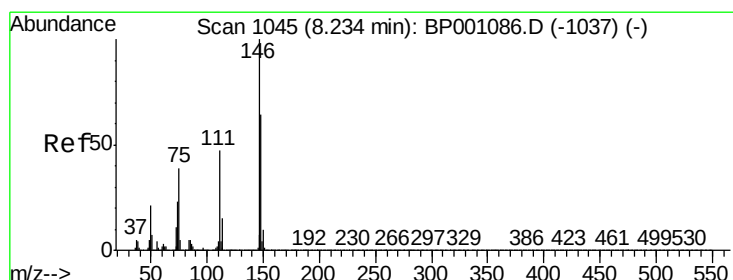
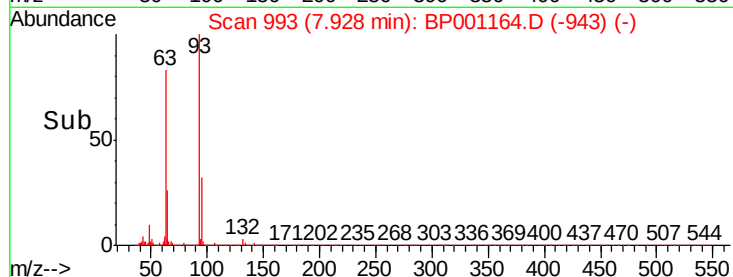
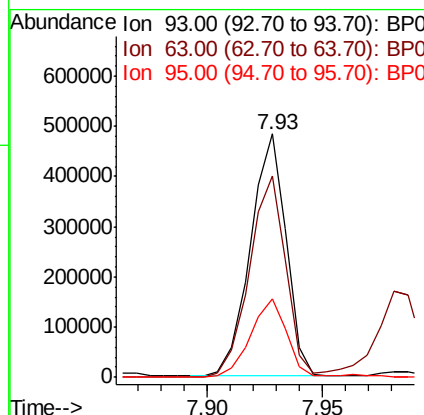
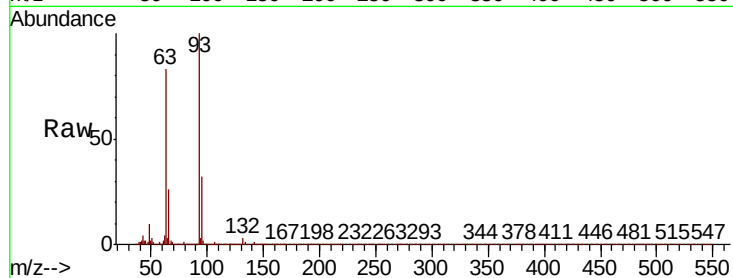
#11  
bis(2-Chloroethyl)ether  
Concen: 42.952 ng  
RT: 7.93 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 517236 |       |       |
| 63      | 83.0 | 60.7  | 100.7  |       |       |
| 95      | 32.3 | 12.7  | 52.7   |       |       |

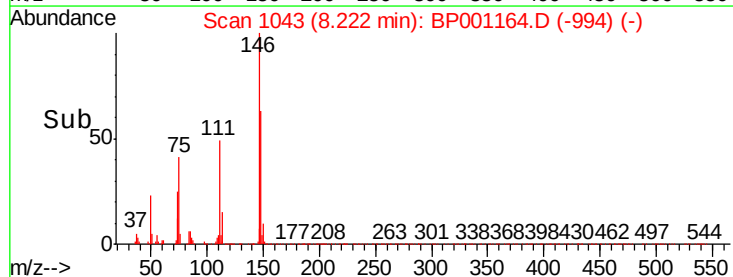
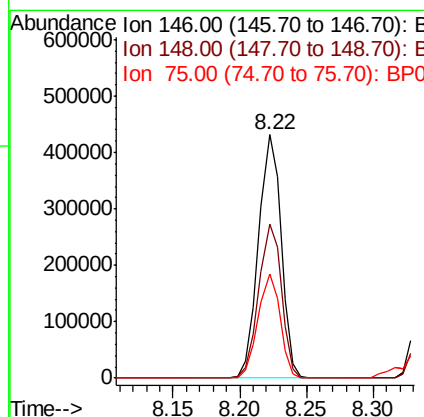
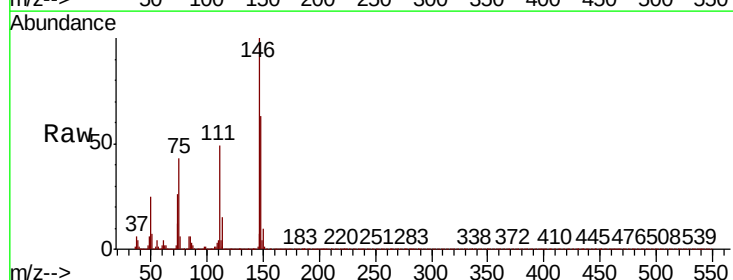
Manual Integrations  
APPROVED

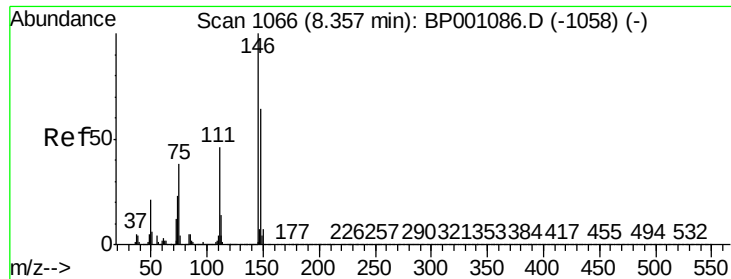
mohammad  
12/4/2019 5:00:53 PM



#12  
1,3-Dichlorobenzene  
Concen: 40.059 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 501314 |       |       |
| 148     | 63.3 | 51.1  | 76.7   |       |       |
| 75      | 43.0 | 31.3  | 46.9   |       |       |





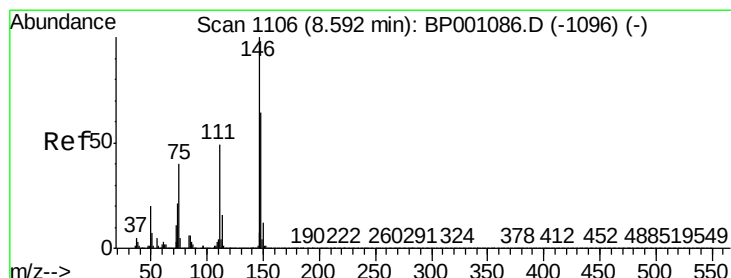
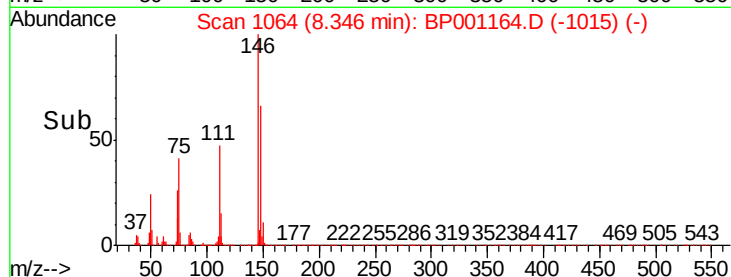
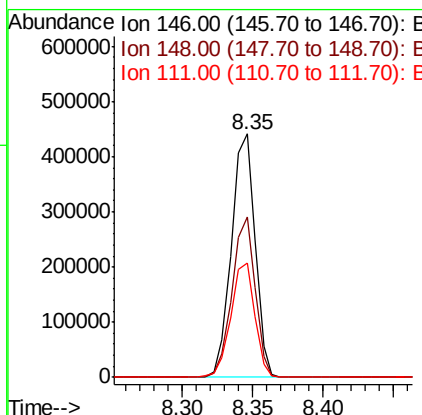
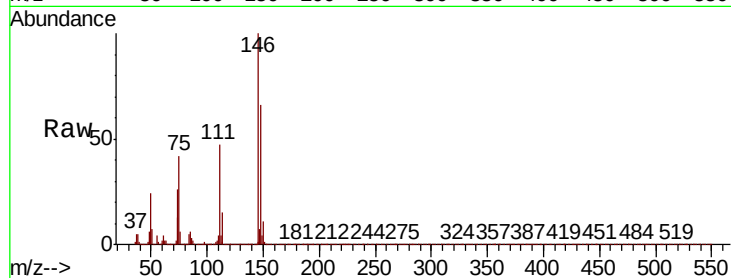
#13  
1,4-Dichlorobenzene  
Concen: 40.806 ng  
RT: 8.35 min Scan# 1064  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.7  | 51.6  | 77.4  |
| 111     | 47.1  | 37.0  | 55.6  |

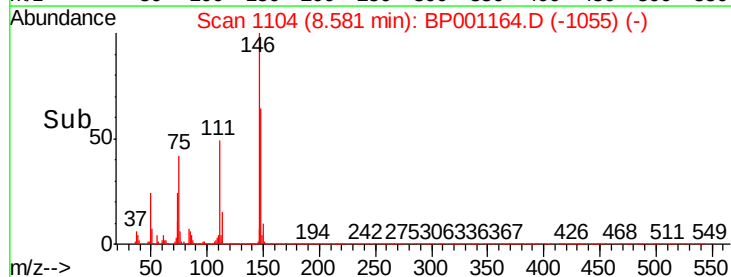
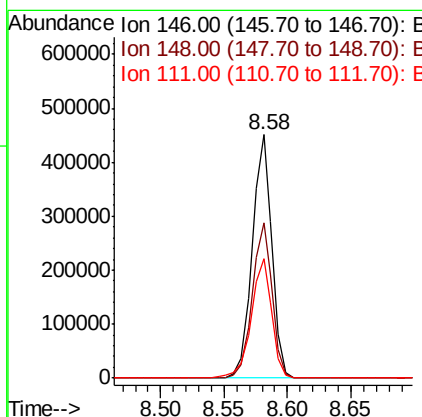
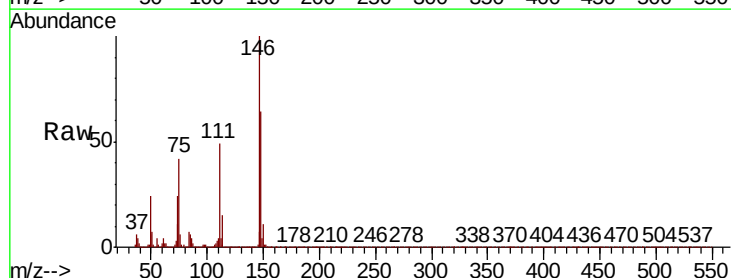
Manual Integrations  
APPROVED

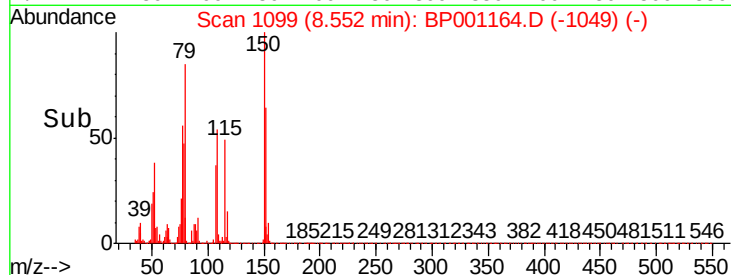
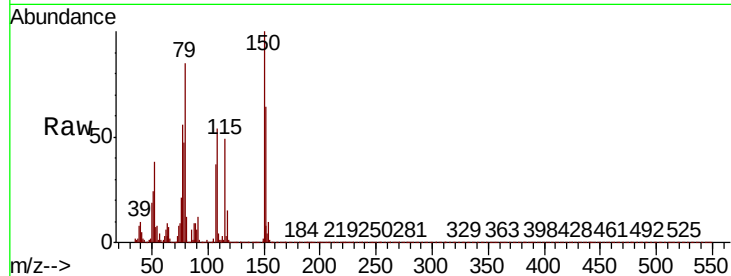
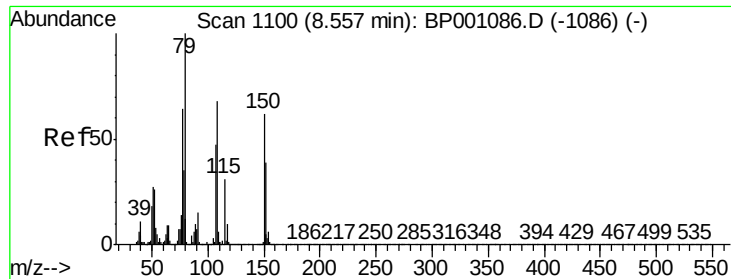
mohammad  
12/4/2019 5:00:53 PM



#14  
1,2-Dichlorobenzene  
Concen: 41.085 ng  
RT: 8.58 min Scan# 1104  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 51.5  | 77.3  |
| 111     | 49.3  | 39.3  | 58.9  |





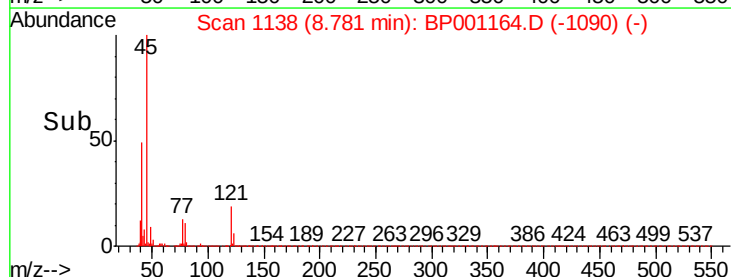
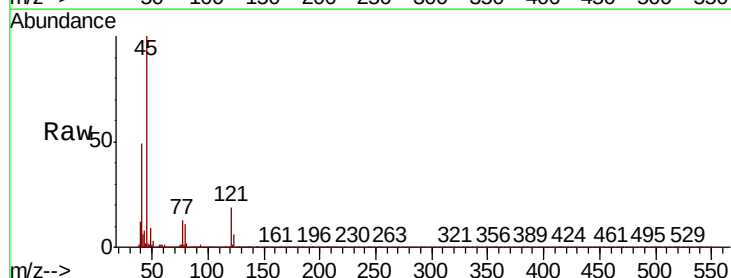
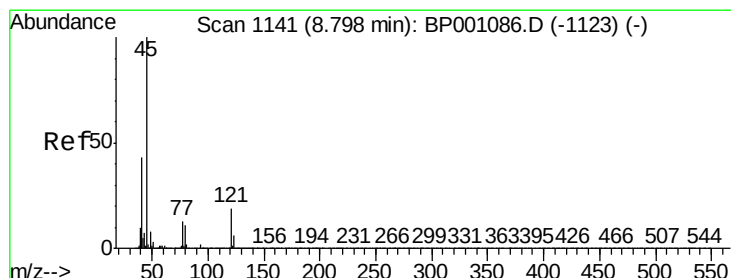
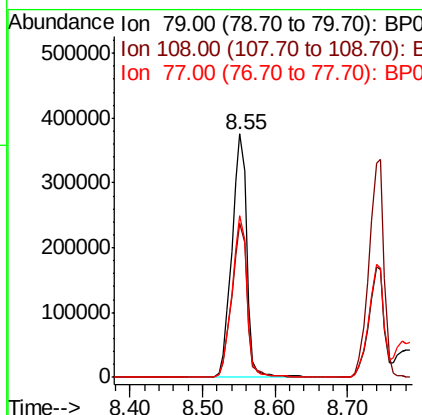
#15  
Benzyl Alcohol  
Concen: 48.252 ng  
RT: 8.55 min Scan# 1099  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 63.5  | 54.8  | 82.2  |
| 77      | 66.2  | 51.4  | 77.2  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

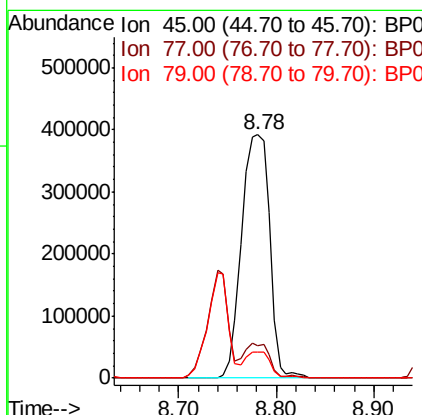
Manual Integrations  
APPROVED

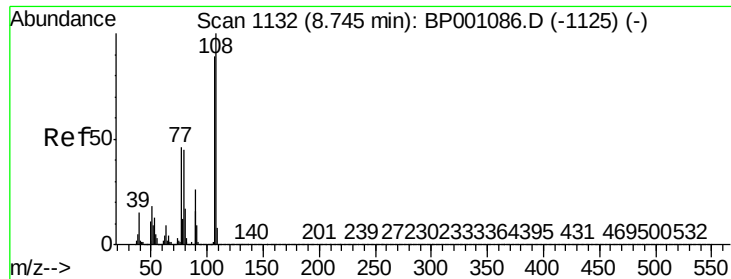
mohammad  
12/4/2019 5:00:53 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.935 ng  
RT: 8.78 min Scan# 1138  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.4  | 0.0   | 33.3  |
| 79      | 10.6  | 0.0   | 30.9  |





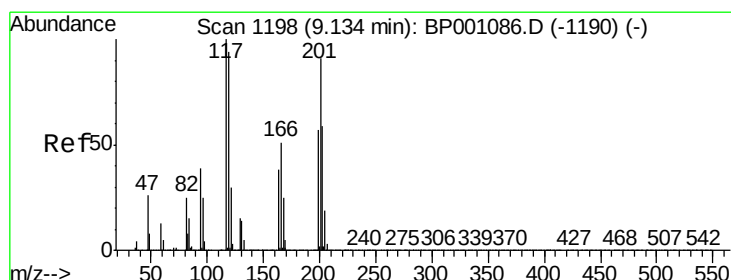
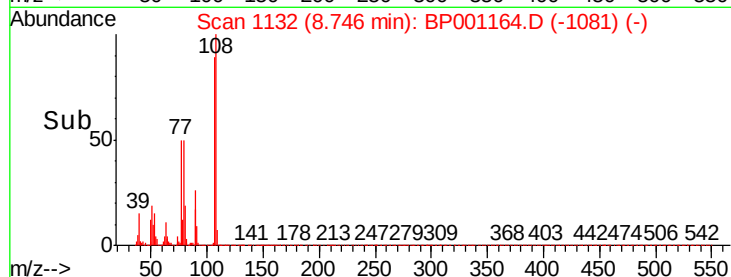
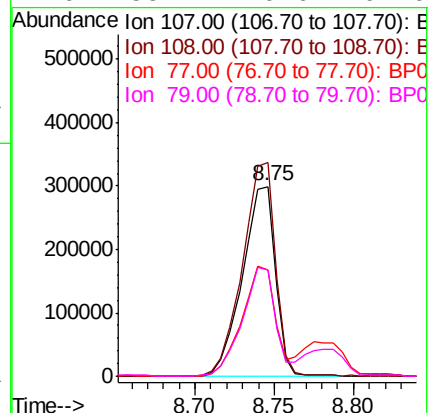
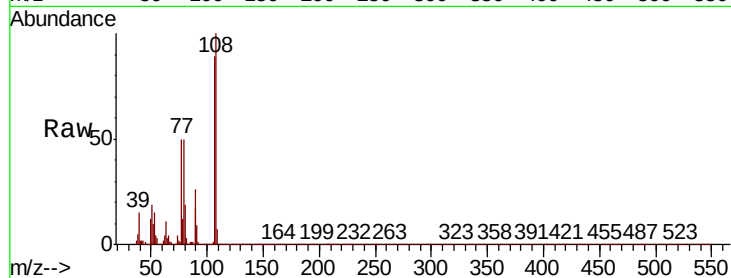
#17  
2-Methylphenol  
Concen: 44.501 ng  
RT: 8.75 min Scan# 1132  
Delta R.T. 0.00 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampled :  
PB125108BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.5 | 89.8 | 134.6 |       |
| 77      | 56.2  | 41.4 | 62.2  |       |
| 79      | 55.7  | 40.6 | 61.0  |       |

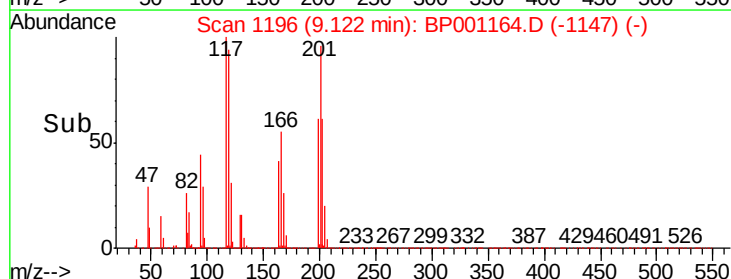
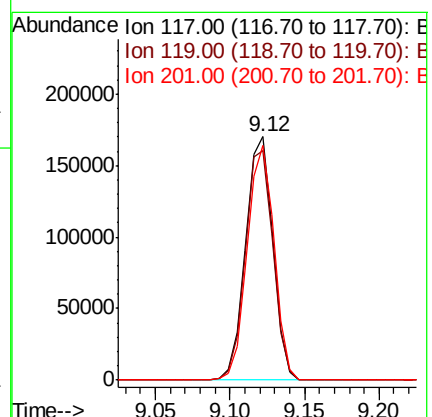
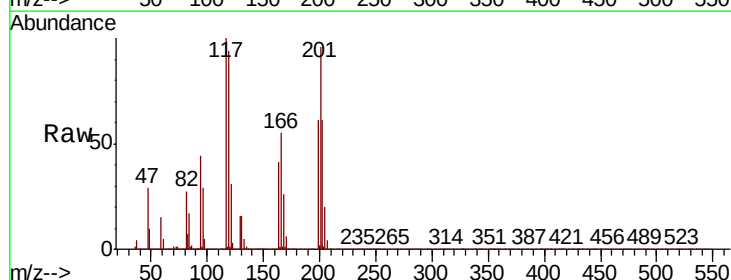
Manual Integrations  
APPROVED

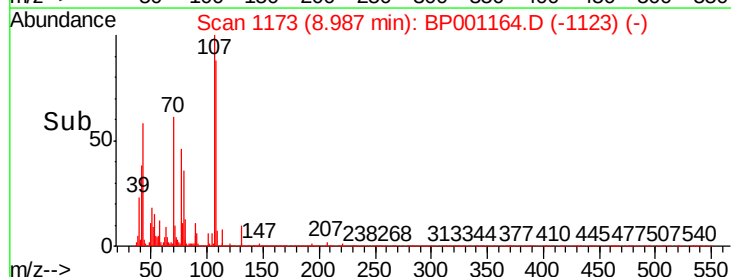
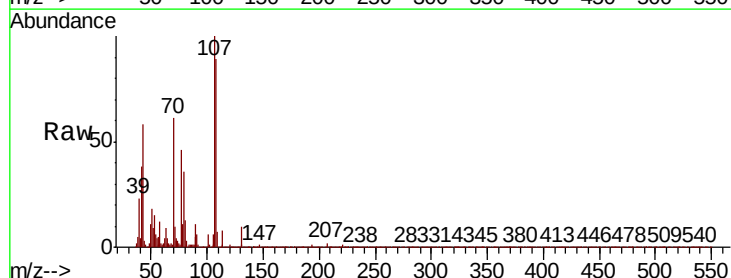
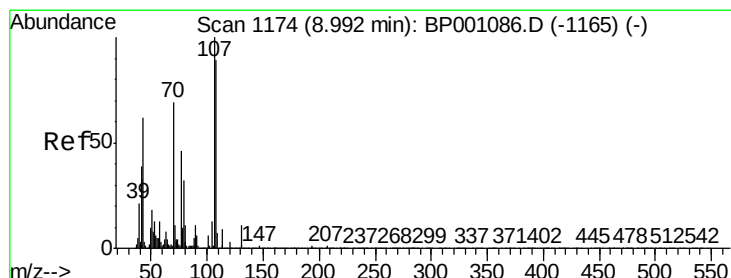
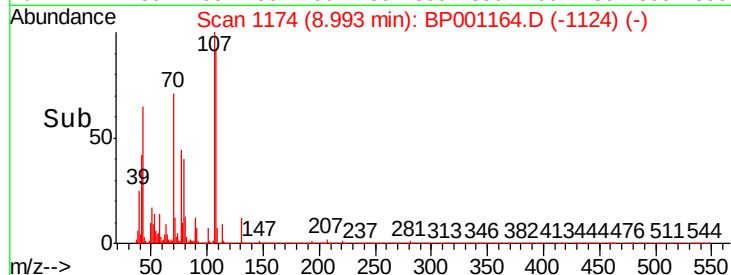
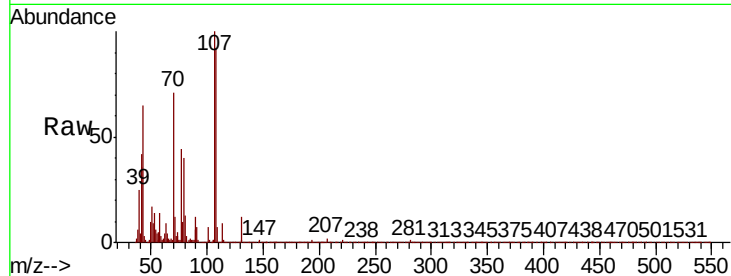
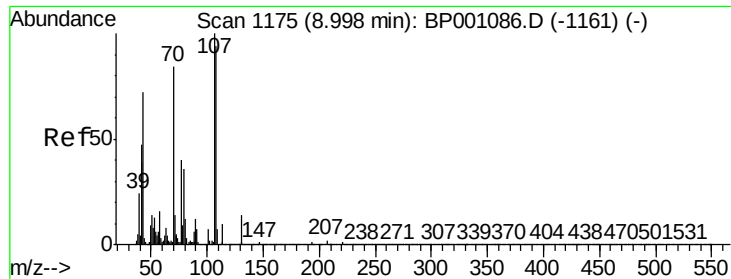
mohammad  
12/4/2019 5:00:53 PM



#18  
Hexachloroethane  
Concen: 41.156 ng  
RT: 9.12 min Scan# 1196  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.2  | 75.2 | 112.8 |       |
| 201     | 96.3  | 72.5 | 108.7 |       |





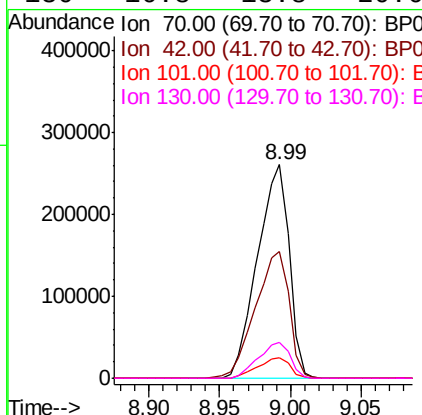
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.088 ng  
RT: 8.99 min Scan# 1174  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 59.3  | 44.6  | 66.8  |
| 101     | 9.6   | 7.1   | 10.7  |
| 130     | 16.8  | 13.8  | 20.6  |

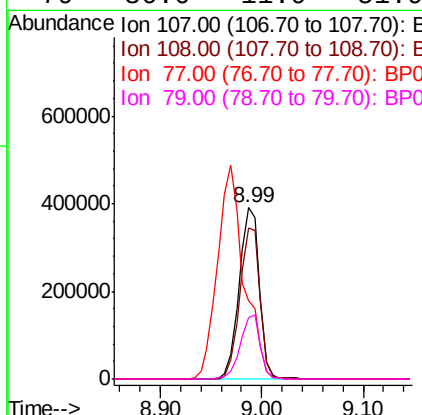
Manual Integrations  
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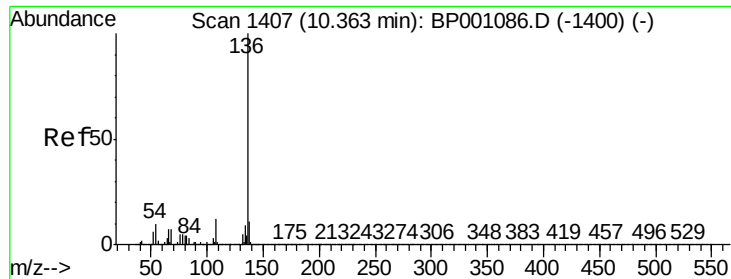
mohammad  
12/4/2019 5:00:53 PM



#20  
3+4-Methylphenols  
Concen: 44.259 ng  
RT: 8.99 min Scan# 1173  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.6  | 68.9  | 108.9 |
| 77      | 46.0  | 25.9  | 65.9  |
| 79      | 36.0  | 11.9  | 51.9  |





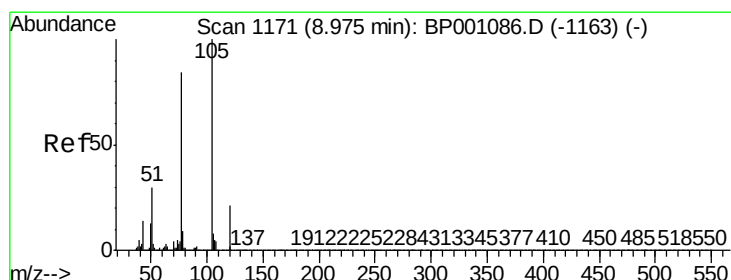
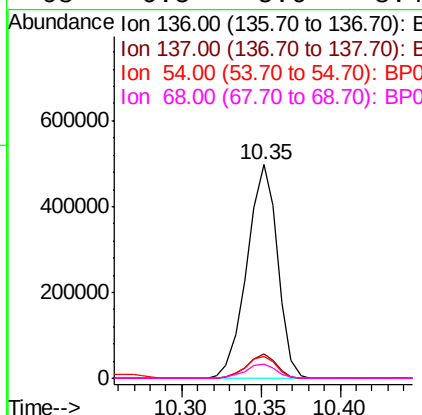
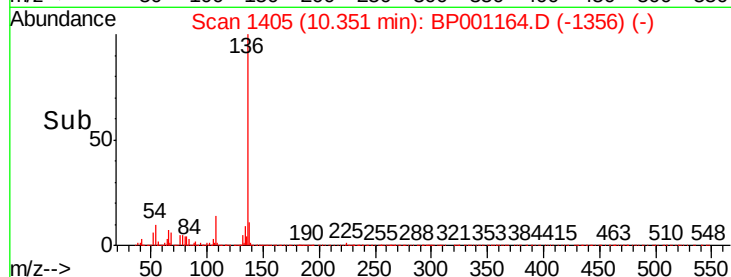
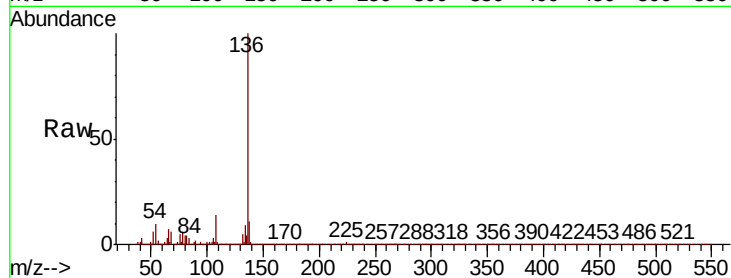
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.35 min Scan# 1405  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 663774 |       |       |
| 137     | 11.4 | 8.8   | 13.2   |       |       |
| 54      | 10.2 | 7.9   | 11.9   |       |       |
| 68      | 6.5  | 5.6   | 8.4    |       |       |

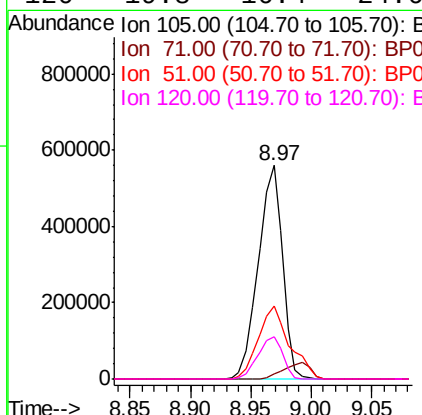
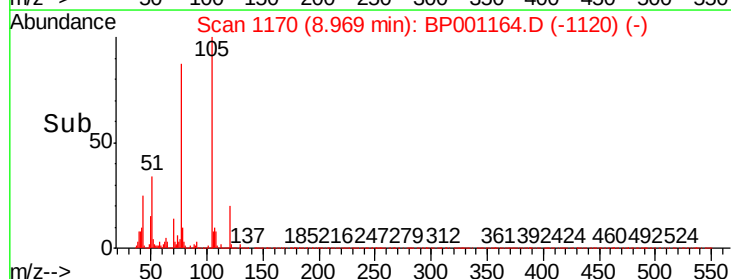
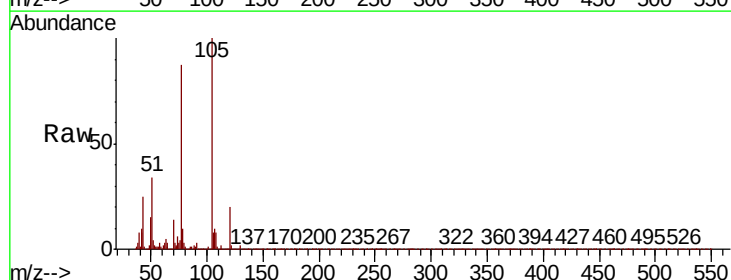
Manual Integrations  
APPROVED

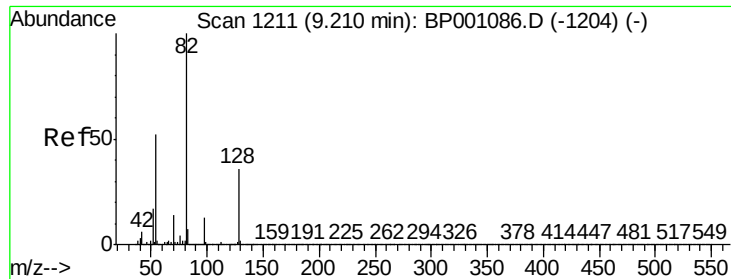
mohammad  
12/4/2019 5:00:53 PM



#22  
Acetophenone  
Concen: 40.371 ng  
RT: 8.97 min Scan# 1170  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 787607 |       |       |
| 71      | 2.5  | 0.5   | 0.7#   |       |       |
| 51      | 34.2 | 24.2  | 36.4   |       |       |
| 120     | 19.8 | 16.4  | 24.6   |       |       |





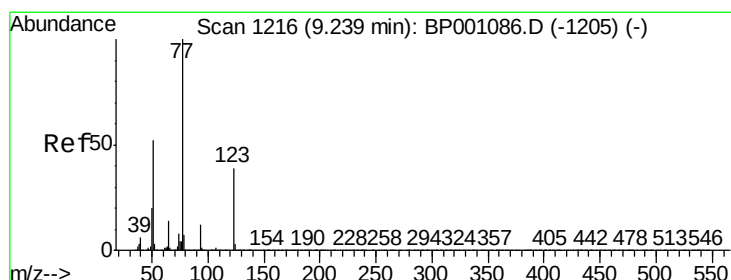
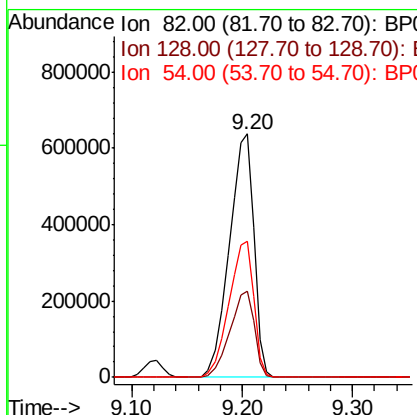
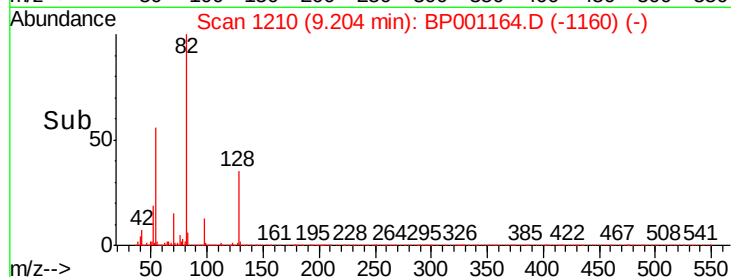
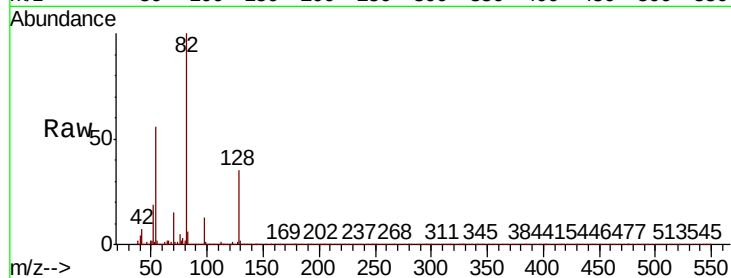
#23  
Nitrobenzene-d5  
Concen: 65.187 ng  
RT: 9.20 min Scan# 1210  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 35.4  | 28.9 | 43.3  |       |
| 54      | 56.0  | 41.9 | 62.9  |       |

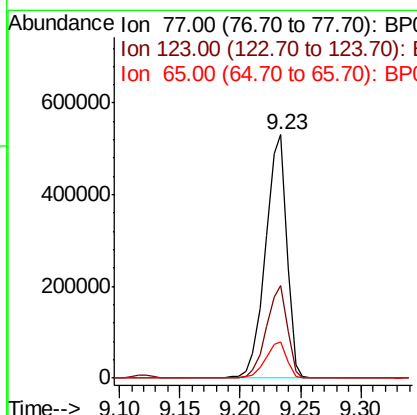
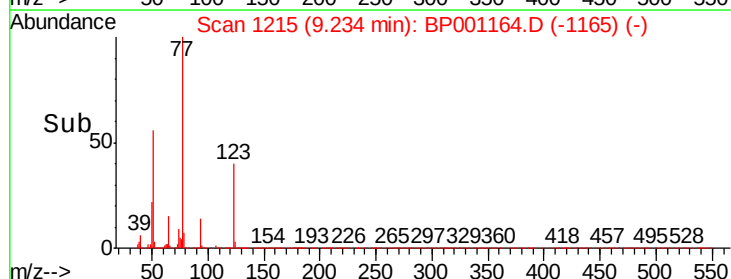
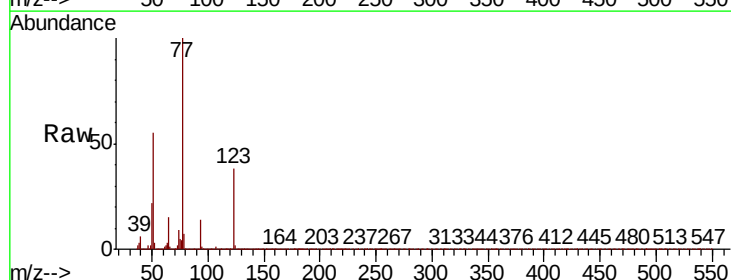
Manual Integrations  
APPROVED

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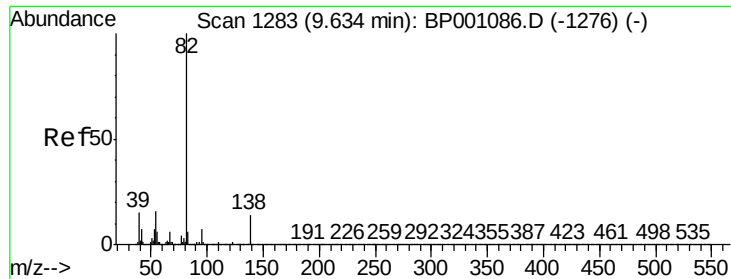


#24  
Nitrobenzene  
Concen: 42.401 ng  
RT: 9.23 min Scan# 1215  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 38.2  | 31.0 | 46.4  |       |
| 65      | 14.8  | 11.0 | 16.6  |       |







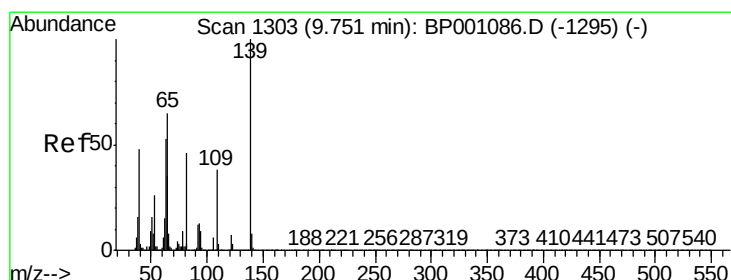
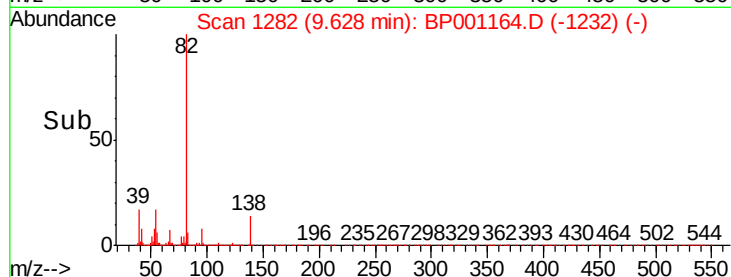
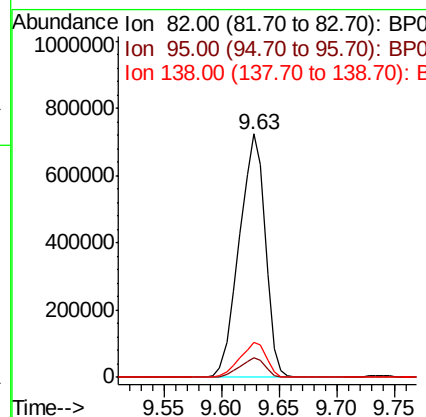
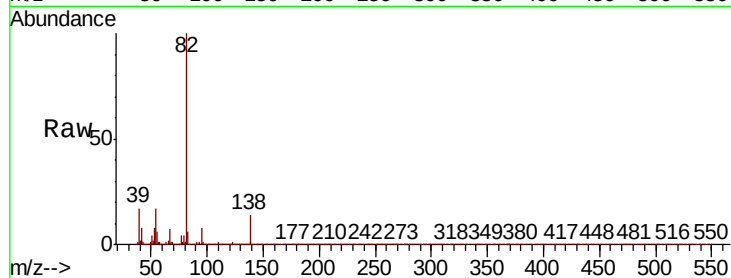
#25  
Isophorone  
Concen: 41.195 ng  
RT: 9.63 min Scan# 1282  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion   | 82   | Resp  | 1130183 |
|-----------|------|-------|---------|
| Ion Ratio | 100  | Lower | Upper   |
| 82        | 100  |       |         |
| 95        | 8.1  | 5.7   | 8.5     |
| 138       | 14.3 | 11.3  | 16.9    |

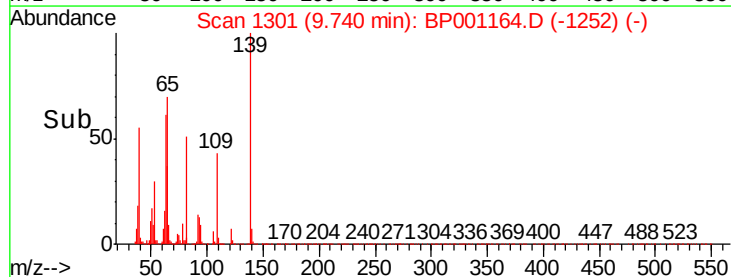
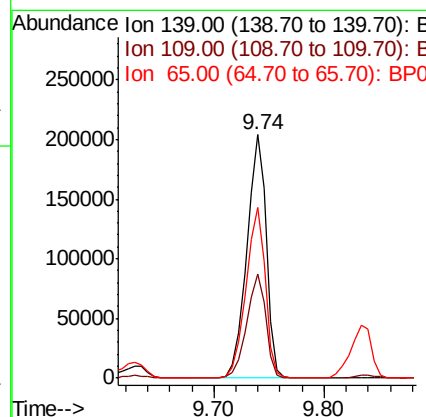
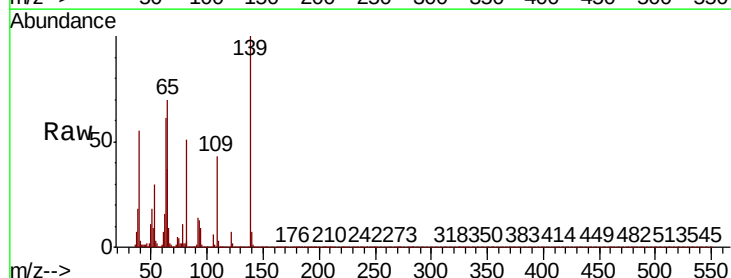
Manual Integrations  
APPROVED

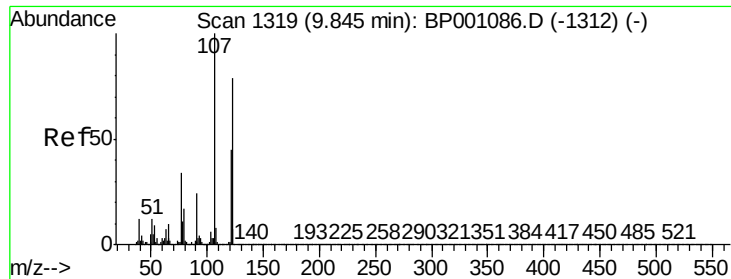
mohammad  
12/4/2019 5:00:53 PM



#26  
2-Nitrophenol  
Concen: 45.352 ng  
RT: 9.74 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion   | 139  | Resp  | 252722 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 42.8 | 30.6  | 45.8   |
| 65        | 70.0 | 51.8  | 77.8   |





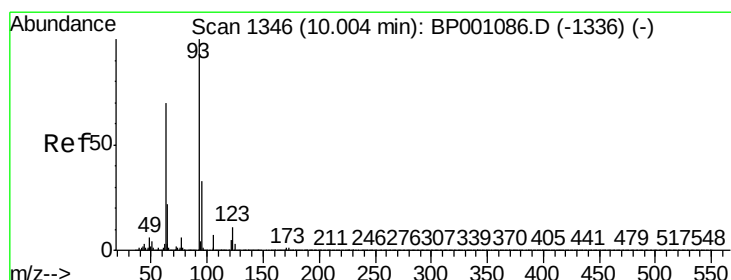
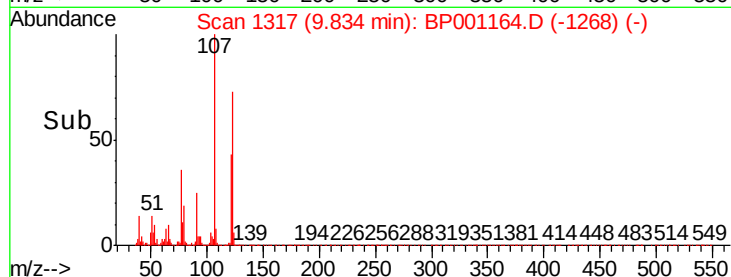
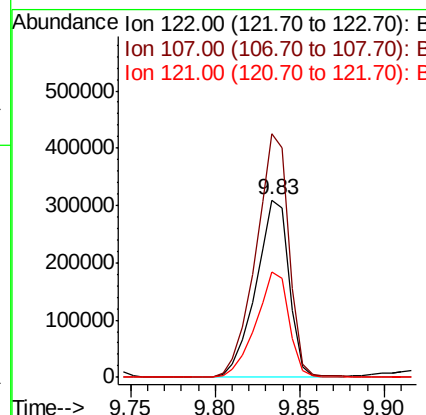
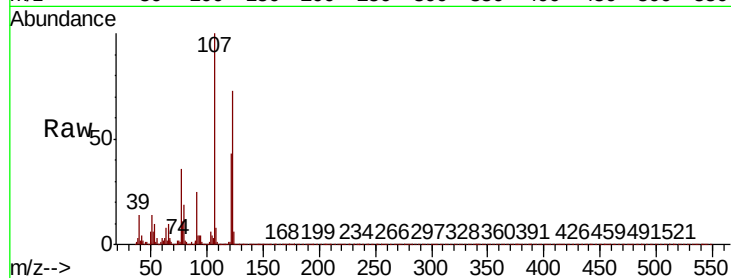
#27  
2,4-Dimethylphenol  
Concen: 47.751 ng  
RT: 9.83 min Scan# 1317  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampled :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 137.4 | 101.9 | 152.9 |
| 121     | 59.7  | 46.1  | 69.1  |

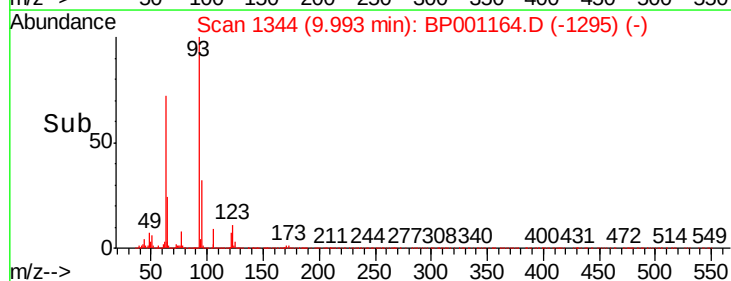
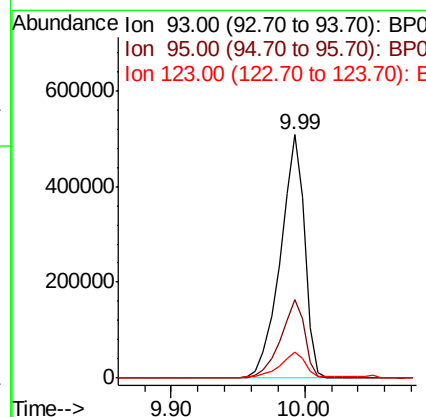
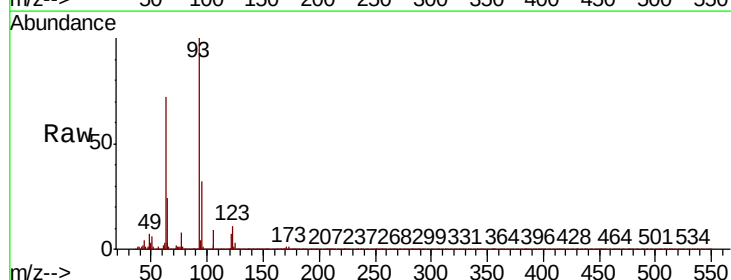
Manual Integrations  
APPROVED

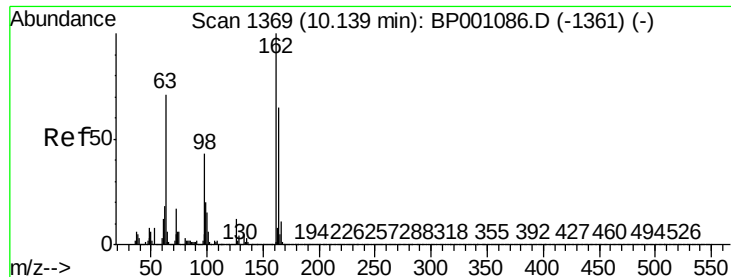
mohammad  
12/4/2019 5:00:53 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.398 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 26.0  | 39.0  |
| 123     | 10.9  | 8.9   | 13.3  |





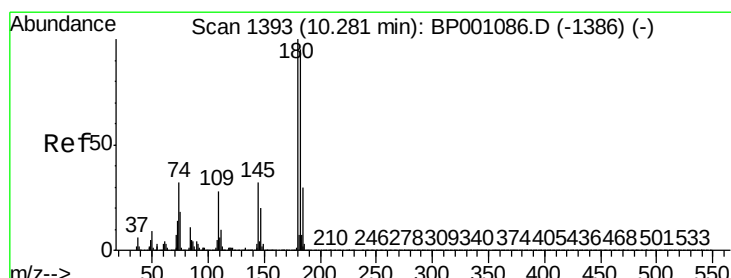
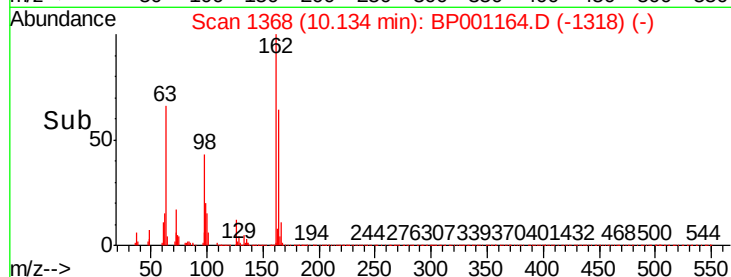
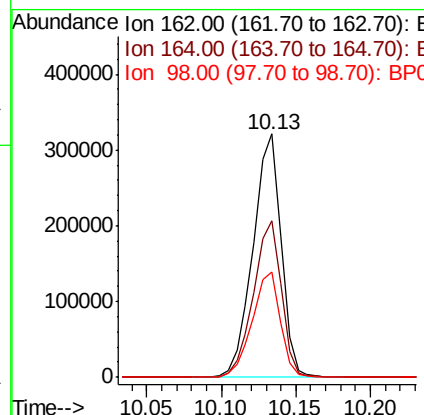
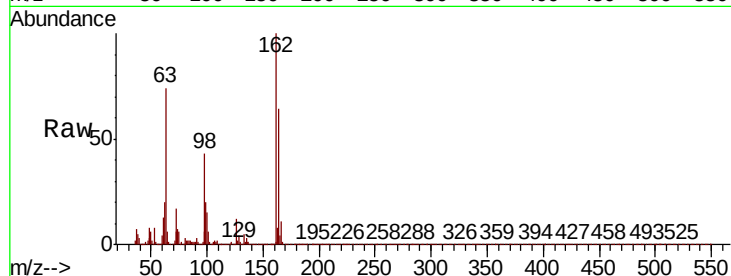
#29  
2,4-Dichlorophenol  
Concen: 41.582 ng  
RT: 10.13 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 417743 |       |       |
| 164     | 64.5  | 45.1   | 85.1  |       |
| 98      | 43.2  | 23.4   | 63.4  |       |

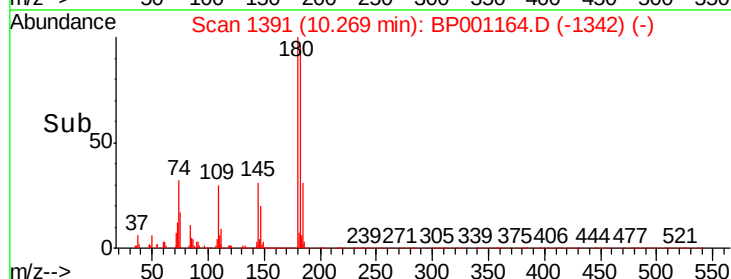
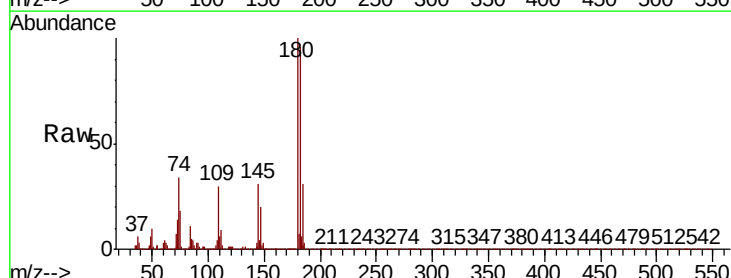
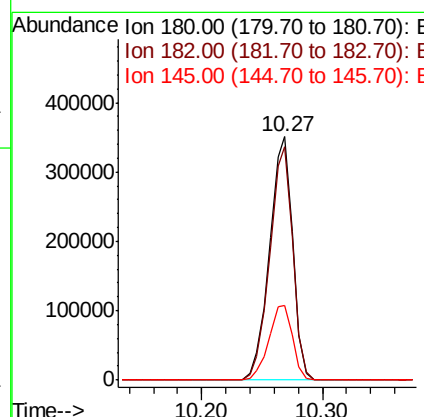
Manual Integrations  
APPROVED

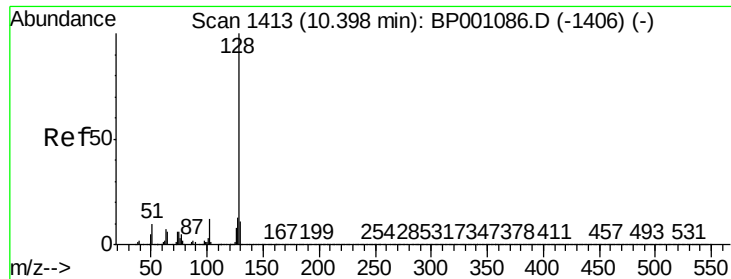
mohammad  
12/4/2019 5:00:53 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 39.769 ng  
RT: 10.27 min Scan# 1391  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 466644 |       |       |
| 182     | 95.9  | 76.3   | 114.5 |       |
| 145     | 30.6  | 25.4   | 38.2  |       |





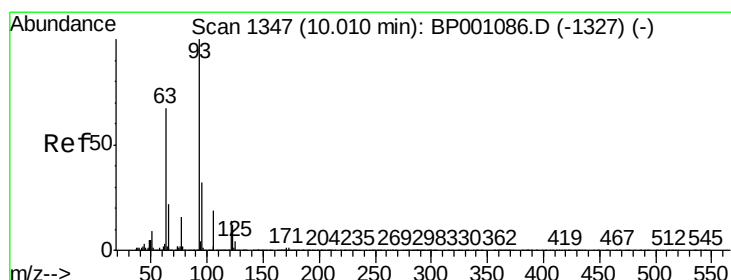
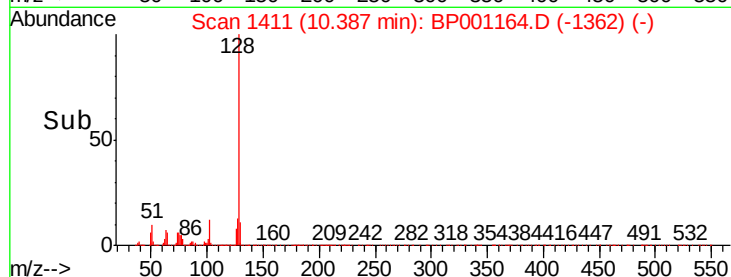
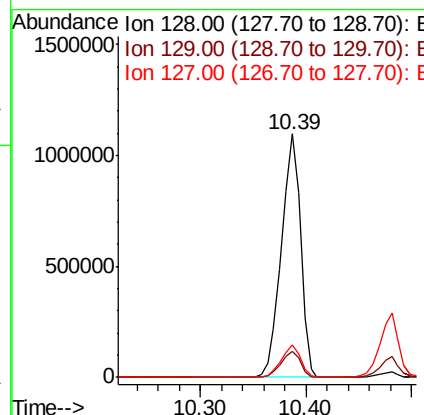
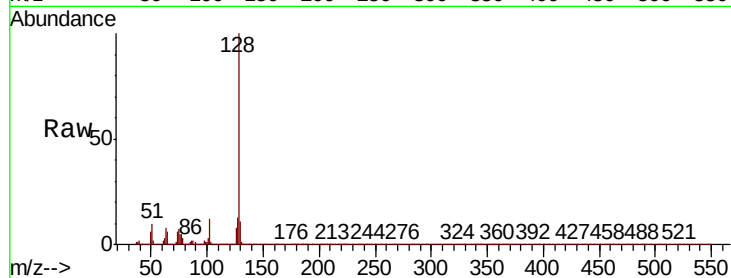
#31  
Naphthalene  
Concen: 40.113 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.8   | 13.2  |
| 127     | 13.4  | 10.6  | 16.0  |

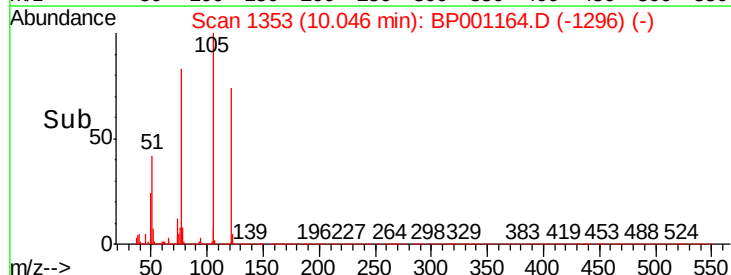
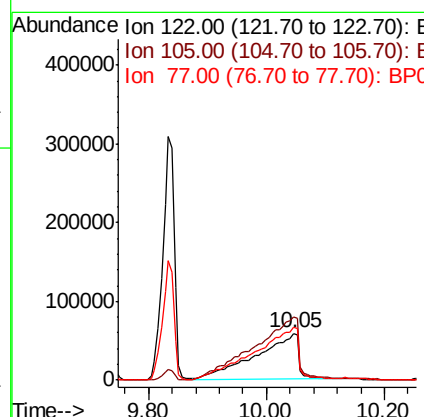
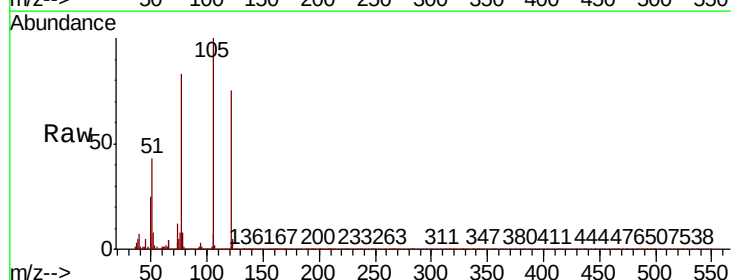
Manual Integrations  
APPROVED

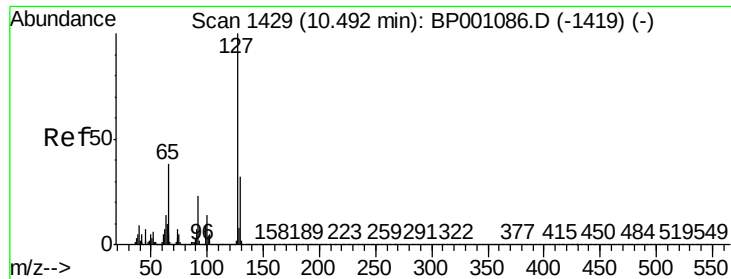
mohammad  
12/4/2019 5:00:53 PM



#32  
Benzoic acid  
Concen: 45.965 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.04 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 134.0 | 116.8 | 156.8 |
| 77      | 111.9 | 95.0  | 135.0 |





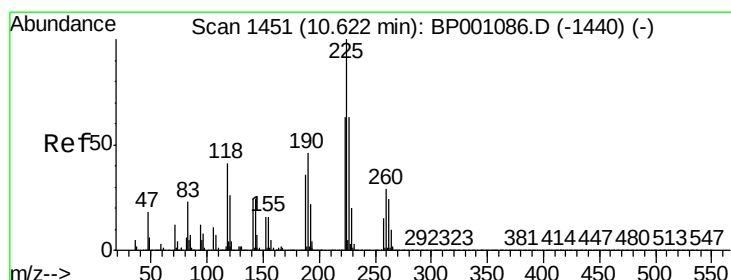
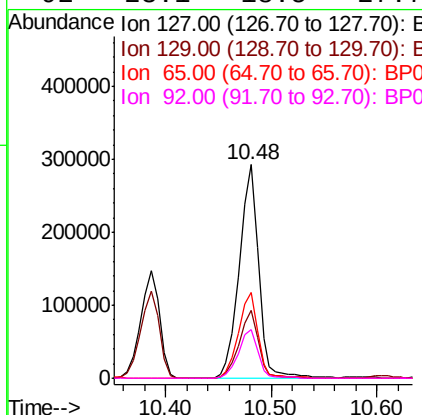
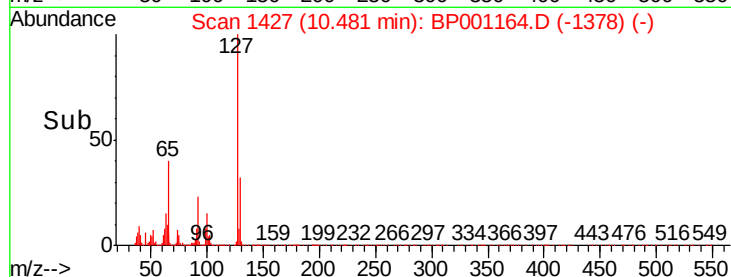
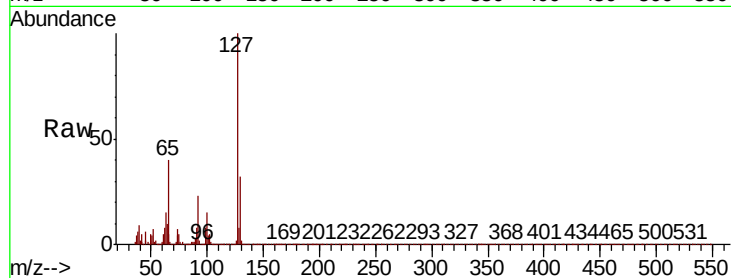
#33  
4-Chloroaniline  
Concen: 25.080 ng  
RT: 10.48 min Scan# 1427  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampled :  
PB125108BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.1 |       | 25.5 | 38.3  |       |
| 65      | 40.3 |       | 30.6 | 46.0  |       |
| 92      | 23.1 |       | 18.5 | 27.7  |       |

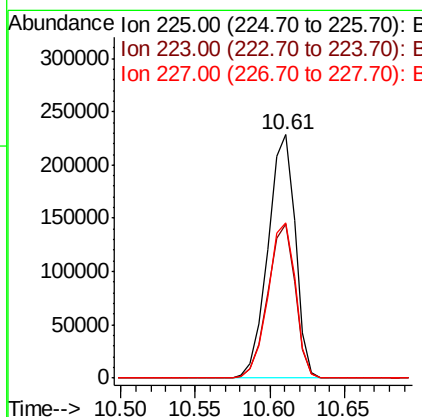
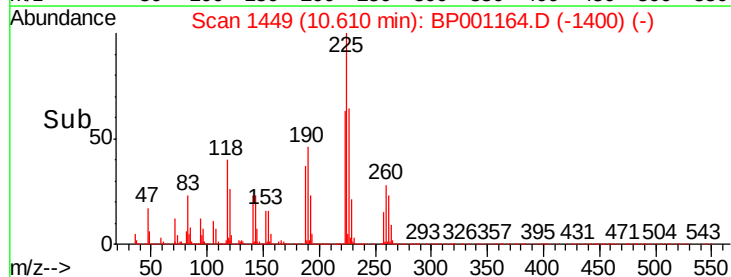
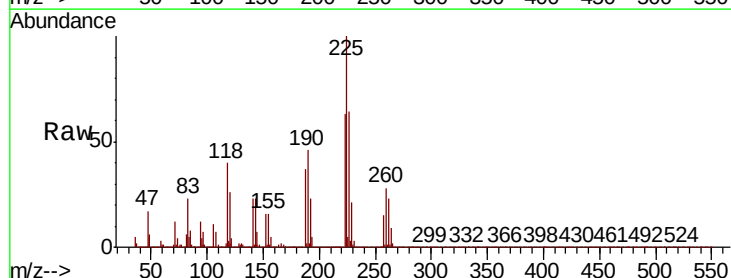
Manual Integrations  
APPROVED

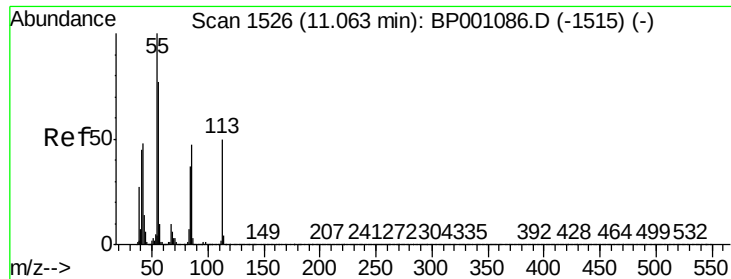
mohammad  
12/4/2019 5:00:53 PM



#34  
Hexachlorobutadiene  
Concen: 39.321 ng  
RT: 10.61 min Scan# 1449  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.5 |       | 50.0 | 75.0  |       |
| 227     | 63.8 |       | 50.0 | 75.0  |       |





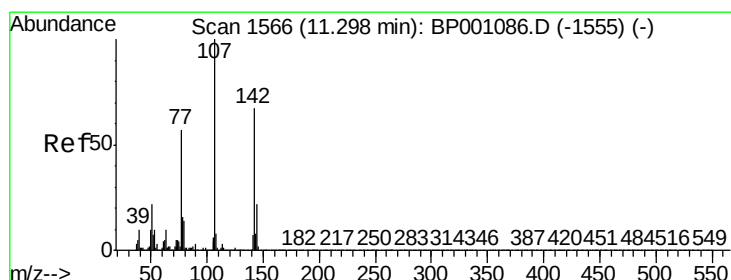
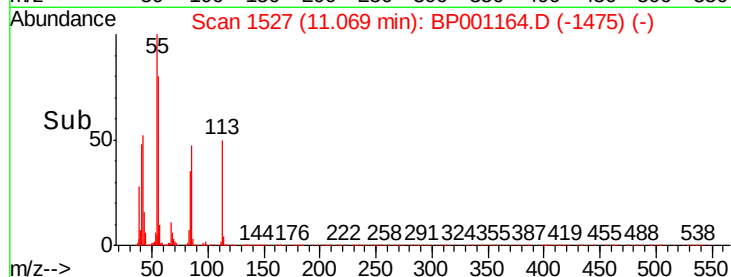
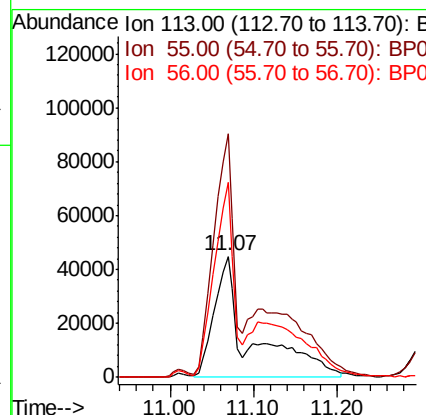
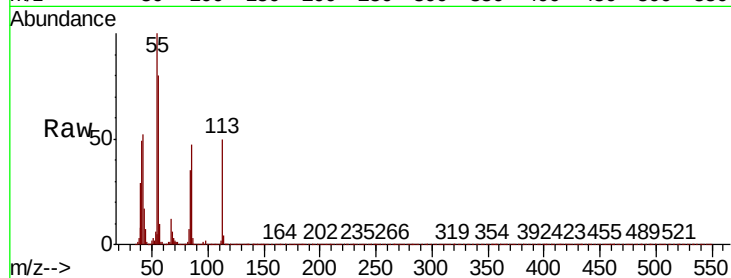
#35  
Caprolactam  
Concen: 39.370 ng/ml  
RT: 11.07 min Scan# 1527  
Delta R.T. 0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleID :  
PB125108BS

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 113     | 100   |       |       |       |       |
| 55      | 200.7 | 181.2 | 221.2 |       |       |
| 56      | 160.4 | 134.7 | 174.7 |       |       |

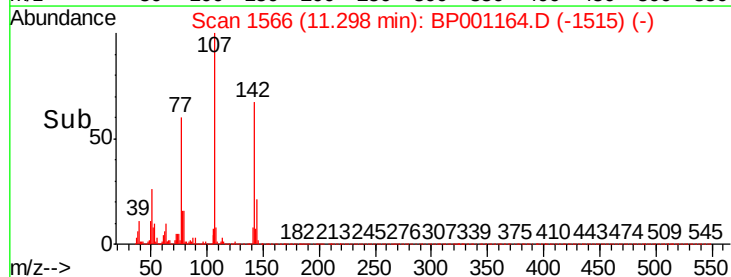
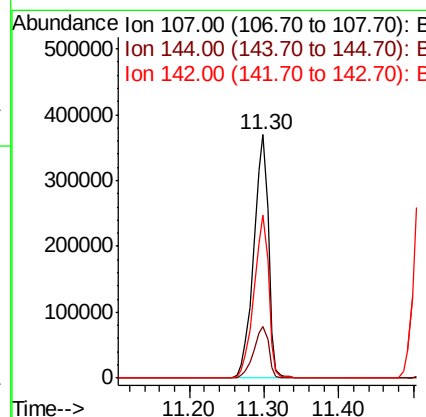
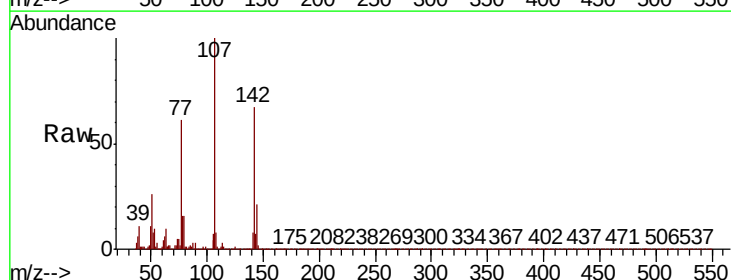
Manual Integrations  
APPROVED

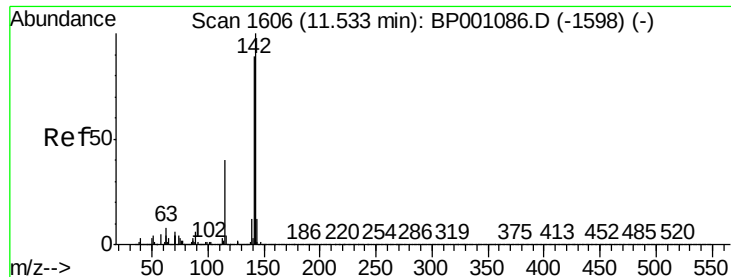
mohammad  
12/4/2019 5:00:53 PM



#36  
4-Chloro-3-methylphenol  
Concen: 42.379 ng/ml  
RT: 11.30 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 144     | 21.3 | 17.5  | 26.3 |       |       |
| 142     | 66.9 | 53.3  | 79.9 |       |       |





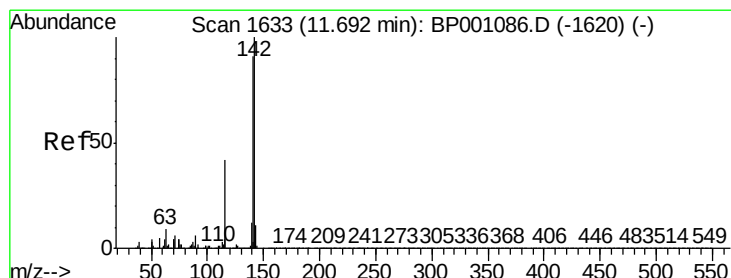
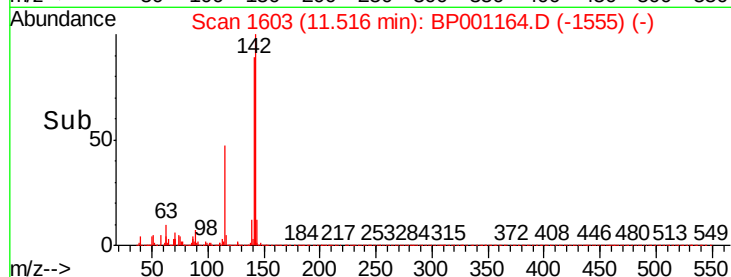
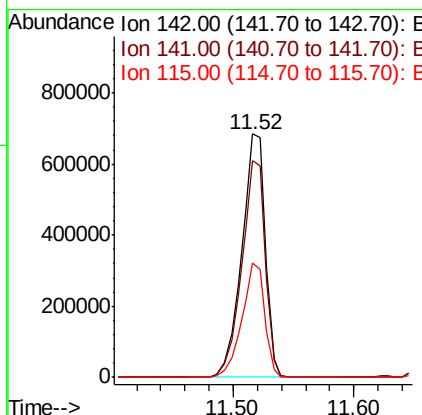
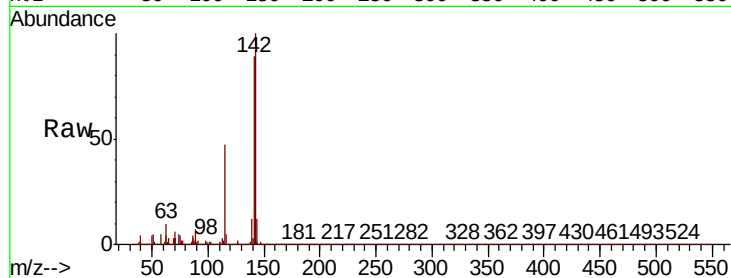
#37  
2-Methylnaphthalene  
Concen: 40.232 ng  
RT: 11.52 min Scan# 1603  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 71.1  | 106.7 |
| 115     | 46.8  | 32.3  | 48.5  |

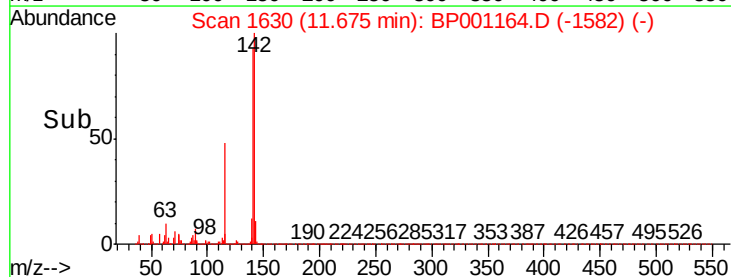
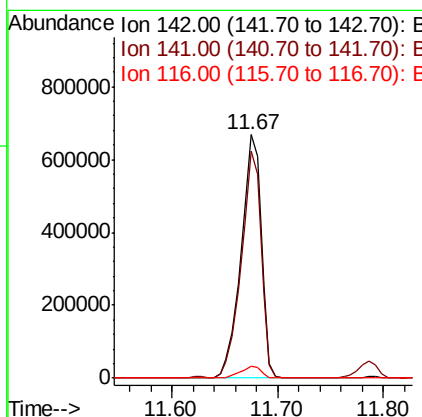
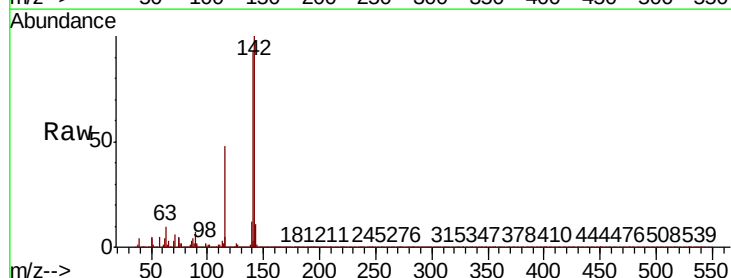
Manual Integrations  
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12/4/2019 5:00:53 PM

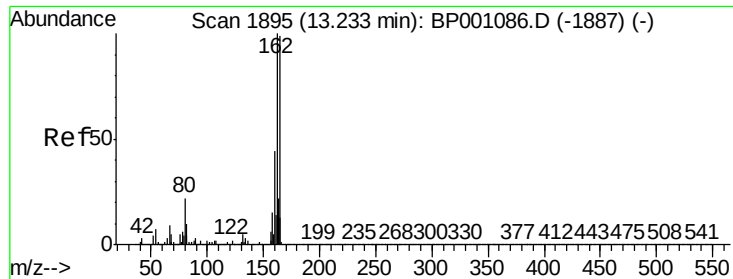


#38  
1-Methylnaphthalene  
Concen: 40.199 ng  
RT: 11.67 min Scan# 1630  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.4  | 73.0  | 109.4 |
| 116     | 4.9   | 3.4   | 5.2   |







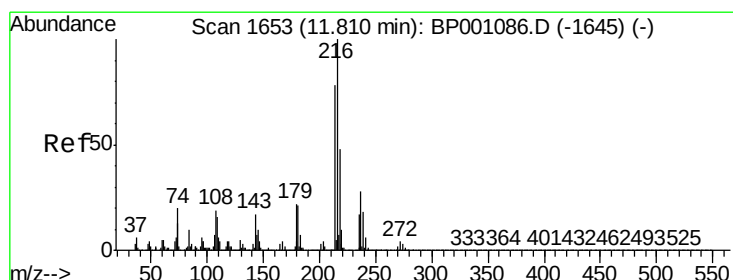
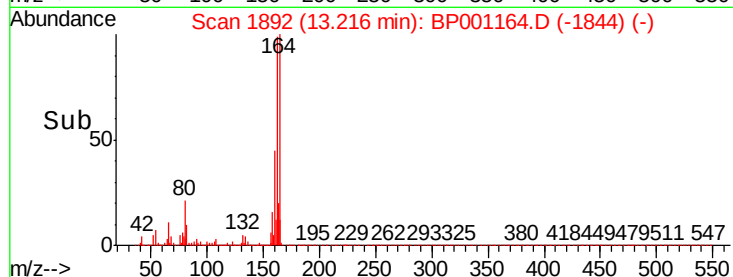
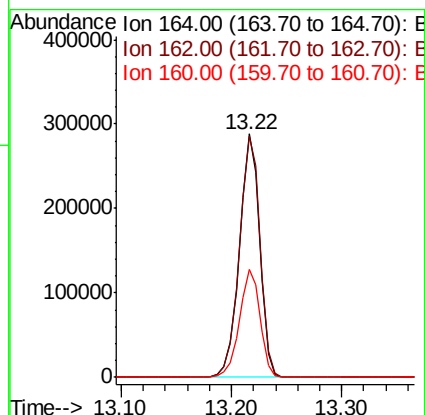
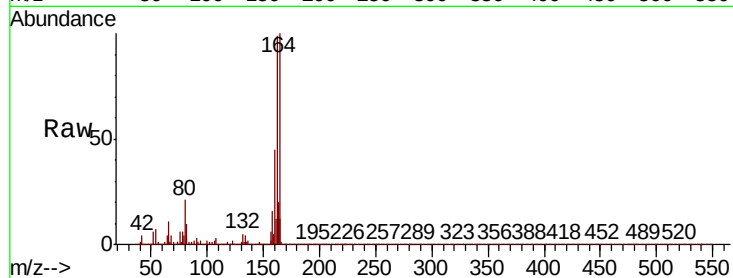
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 13.22 min Scan# 1892  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 370994 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 99.1  | 80.6  | 120.8  |
| 160       | 44.5  | 35.4  | 53.2   |

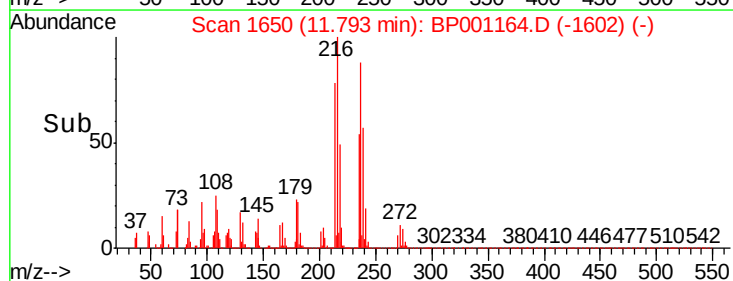
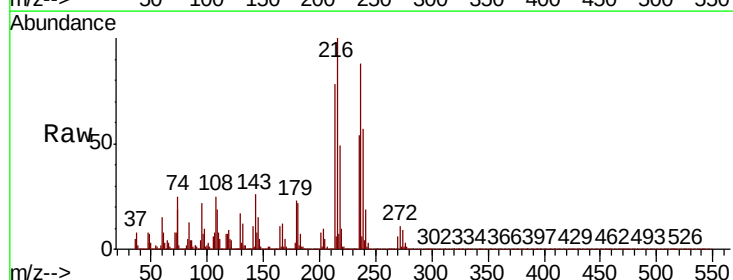
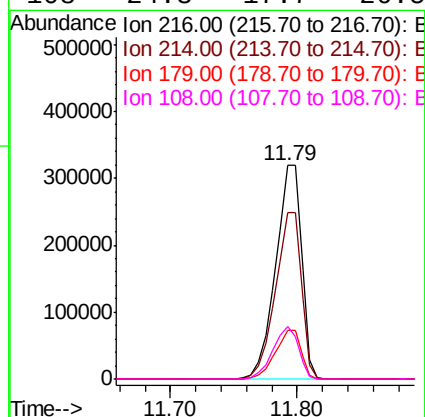
Manual Integrations  
APPROVED

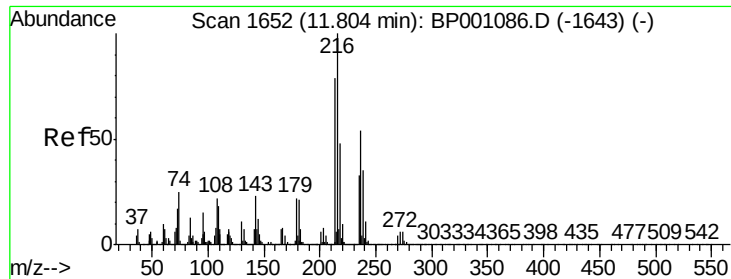
mohammad  
12/4/2019 5:00:53 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.783 ng  
RT: 11.79 min Scan# 1650  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 453441 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 77.9  | 62.8  | 94.2   |
| 179       | 22.7  | 17.6  | 26.4   |
| 108       | 24.3  | 17.7  | 26.5   |





#41

Hexachlorocyclopentadiene

Concen: 75.135 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA\_P

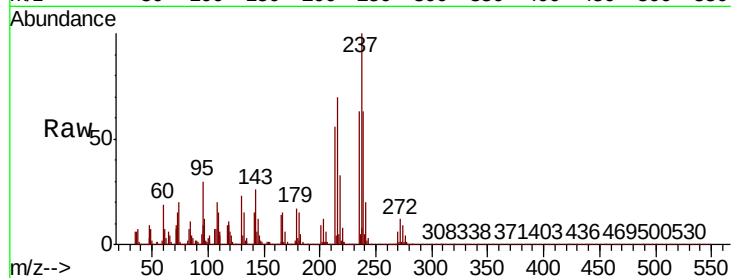
ClientSampleId :

PB125108BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 63.4  | 41.8       | 81.8  |
| 272     | 11.7  | 0.0        | 31.9  |

Manual Integrations  
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12/4/2019 5:00:53 PM

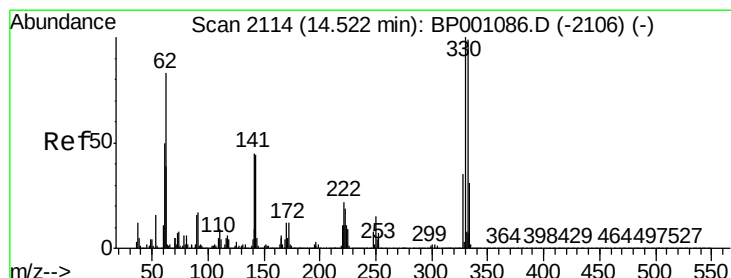
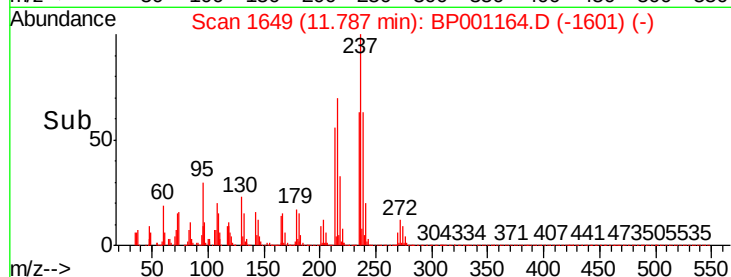
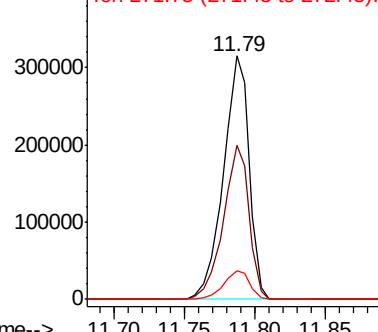


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.984 ng

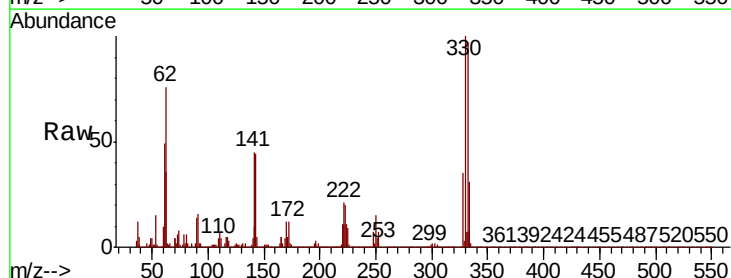
RT: 14.52 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 96.7  | 77.6       | 116.4 |
| 141     | 45.6  | 34.2       | 51.2  |

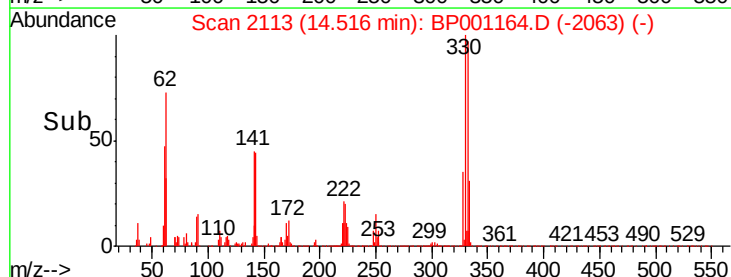
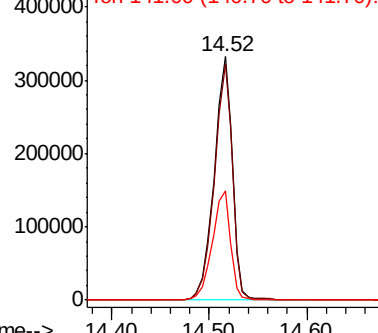


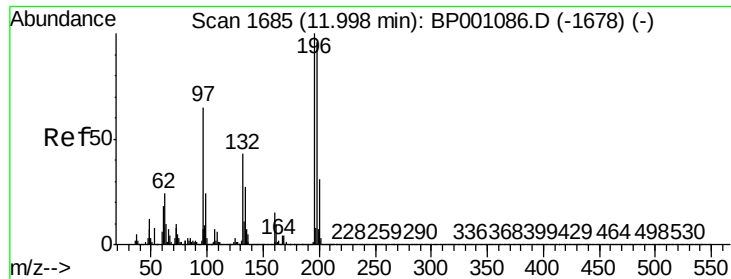
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





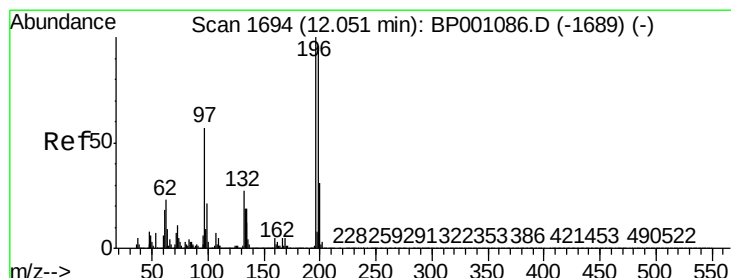
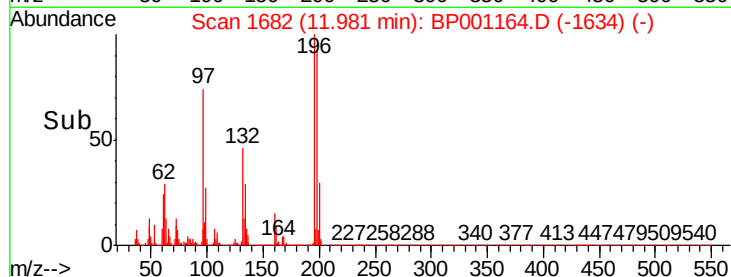
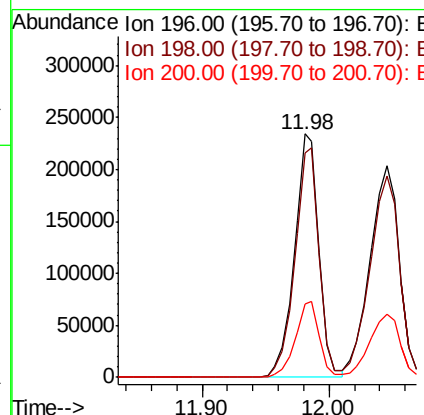
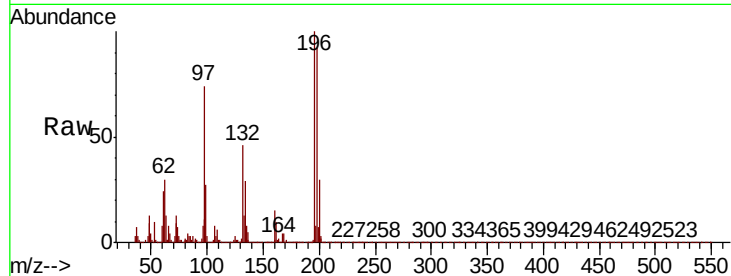
#43  
2,4,6-Trichlorophenol  
Concen: 41.075 ng  
RT: 11.98 min Scan# 1682  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.3  | 76.7  | 115.1 |
| 200     | 30.4  | 24.7  | 37.1  |

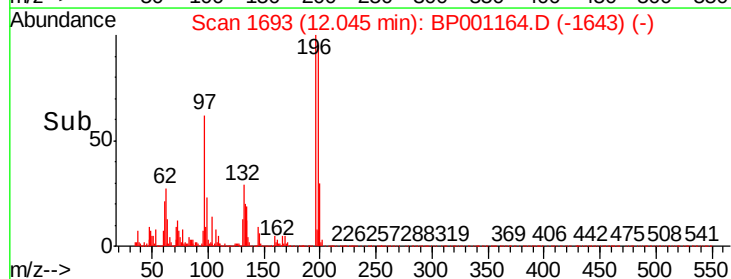
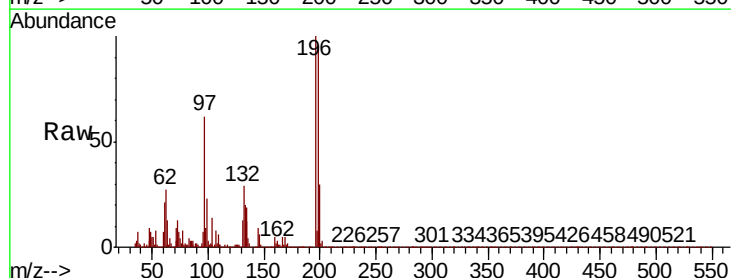
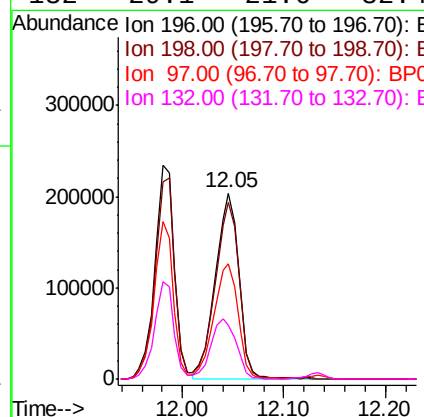
Manual Integrations  
APPROVED

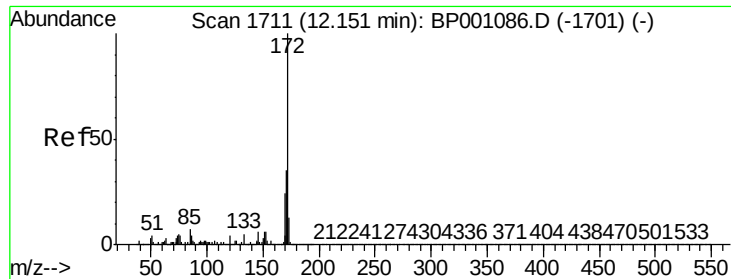
mohammad  
12/4/2019 5:00:53 PM



#44  
2,4,5-Trichlorophenol  
Concen: 41.680 ng  
RT: 12.05 min Scan# 1693  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.8  | 76.8  | 115.2 |
| 97      | 62.0  | 46.1  | 69.1  |
| 132     | 29.1  | 21.6  | 32.4  |





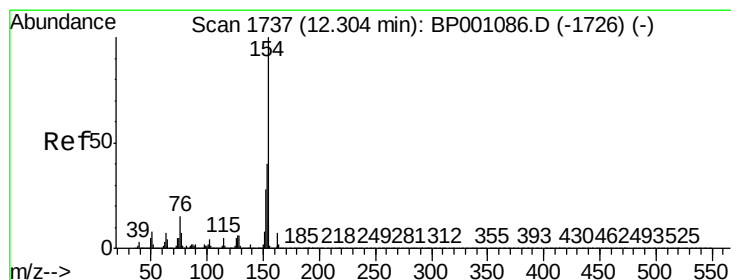
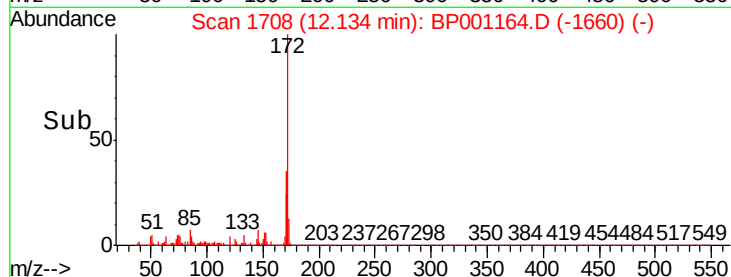
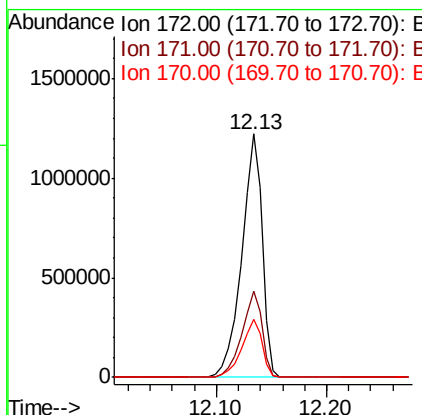
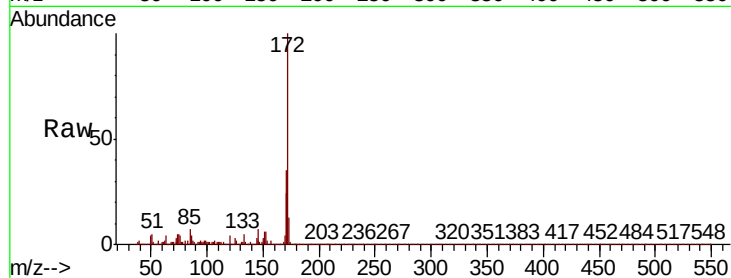
#45  
2-Fluorobiphenyl  
Concen: 62.440 ng  
RT: 12.13 min Scan# 1708  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.3  | 27.9  | 41.9  |
| 170     | 23.7  | 19.0  | 28.4  |

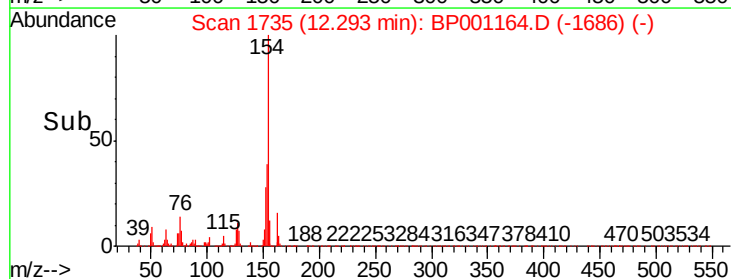
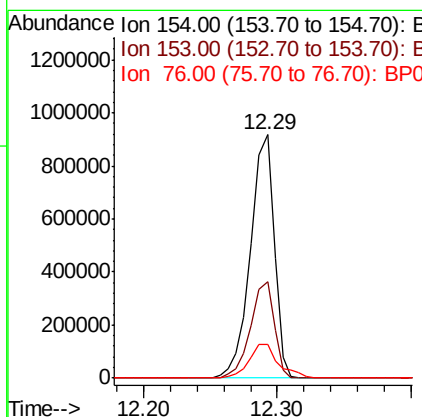
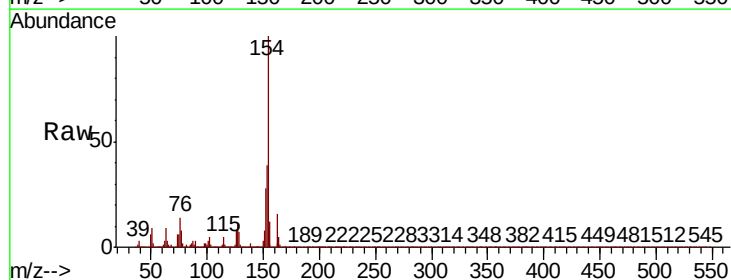
Manual Integrations  
APPROVED

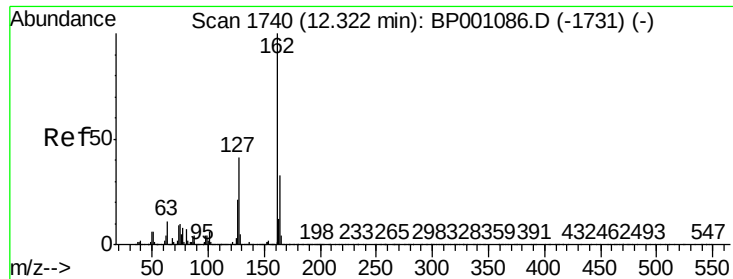
mohammad  
12/4/2019 5:00:53 PM



#46  
1,1'-Biphenyl  
Concen: 39.070 ng  
RT: 12.29 min Scan# 1735  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.4  | 20.2  | 60.2  |
| 76      | 14.0  | 0.0   | 34.5  |





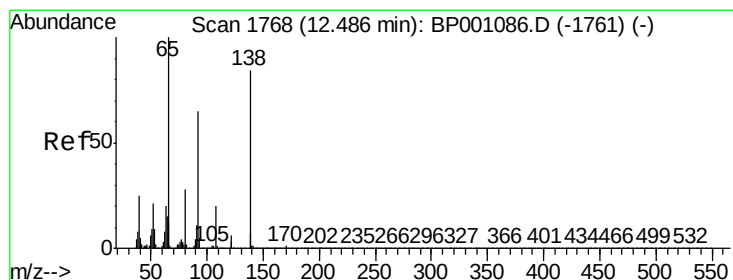
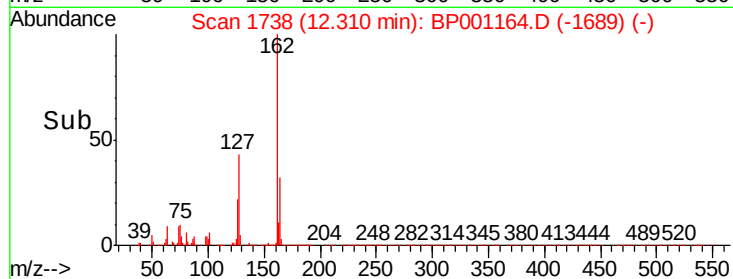
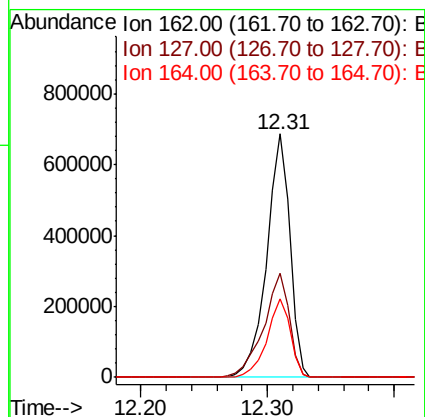
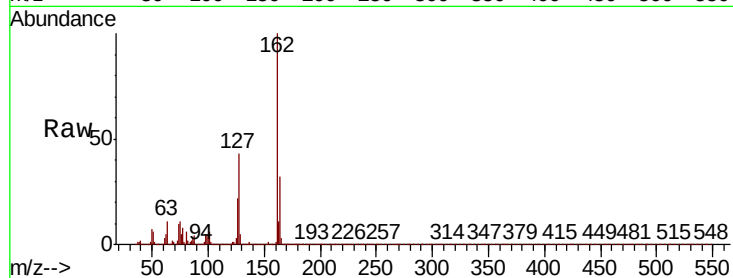
#47  
2-Chloronaphthalene  
Concen: 38.041 ng  
RT: 12.31 min Scan# 1738  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.7  | 33.0  | 49.6  |
| 164     | 32.3  | 26.7  | 40.1  |

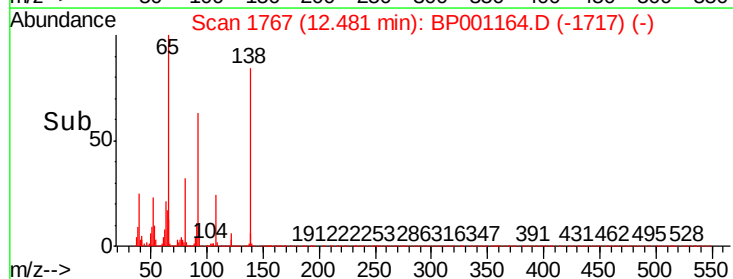
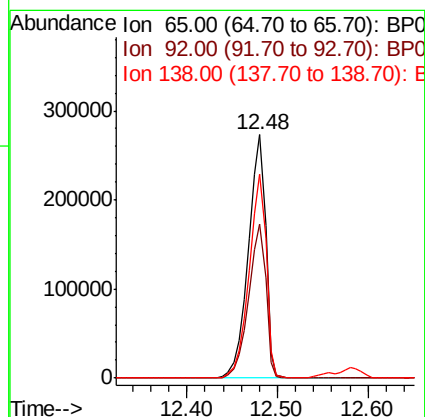
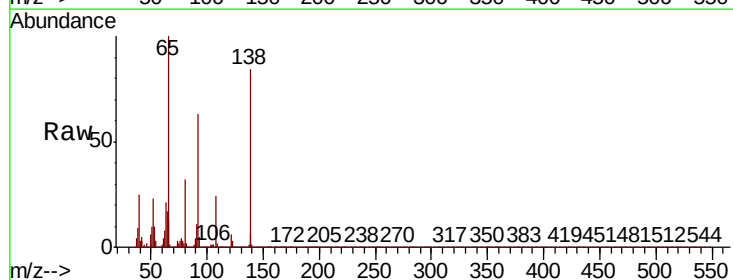
Manual Integrations  
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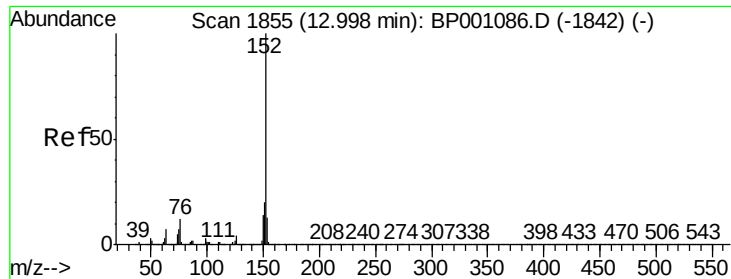
mohammad  
12/4/2019 5:00:53 PM



#48  
2-Nitroaniline  
Concen: 40.319 ng  
RT: 12.48 min Scan# 1767  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 63.3  | 51.6  | 77.4  |
| 138     | 83.5  | 67.3  | 100.9 |





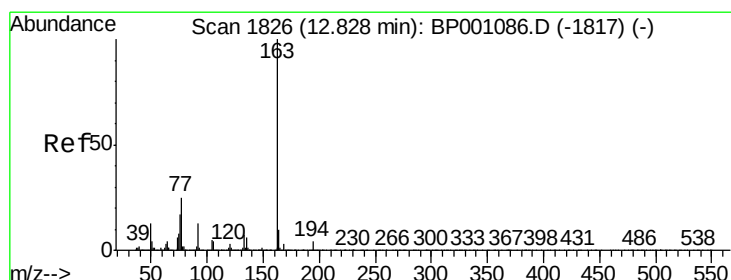
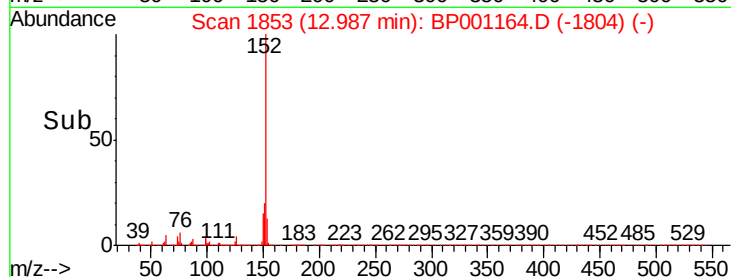
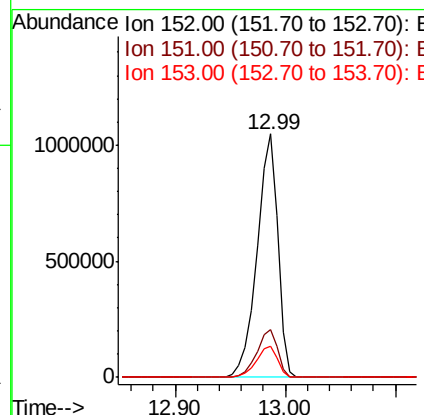
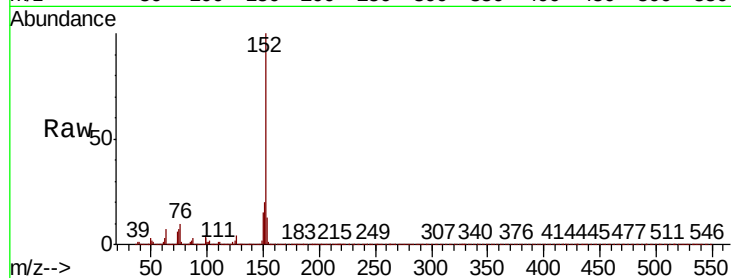
#49  
Acenaphthylene  
Concen: 40.233 ng  
RT: 12.99 min Scan# 1853  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.5  | 15.8  | 23.8  |
| 153     | 12.9  | 10.2  | 15.4  |

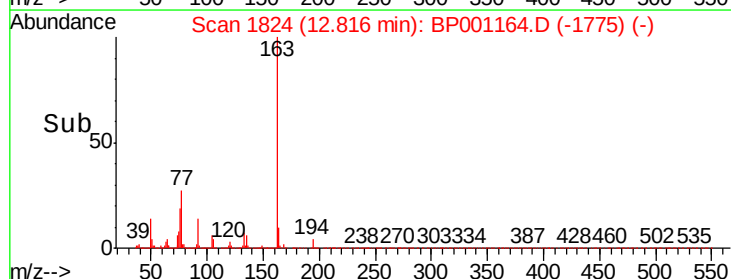
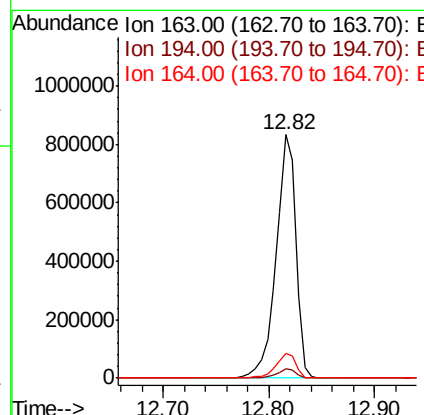
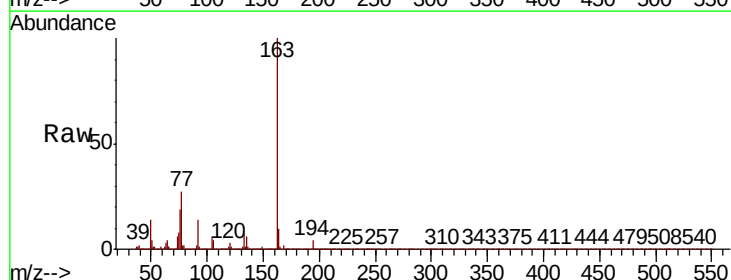
Manual Integrations  
APPROVED

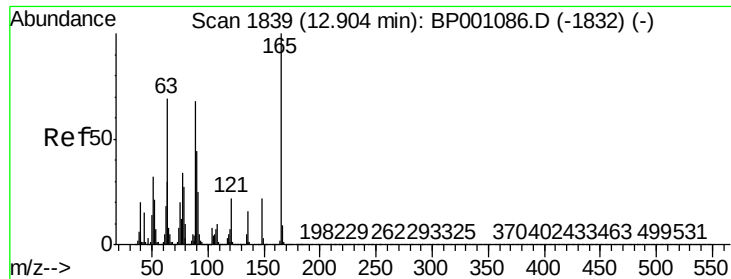
mohammad  
12/4/2019 5:00:53 PM



#50  
Dimethylphthalate  
Concen: 38.346 ng  
RT: 12.82 min Scan# 1824  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 3.1   | 4.7   |
| 164     | 10.2  | 8.1   | 12.1  |





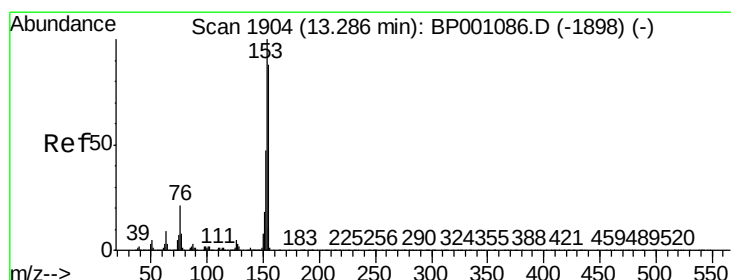
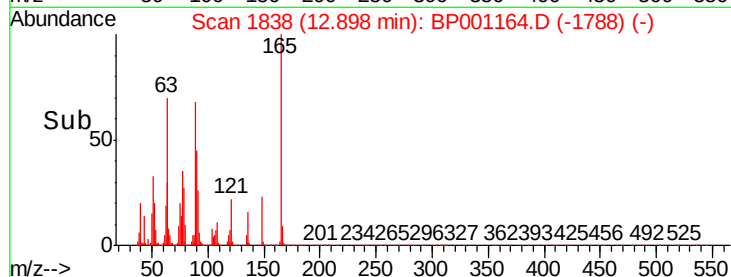
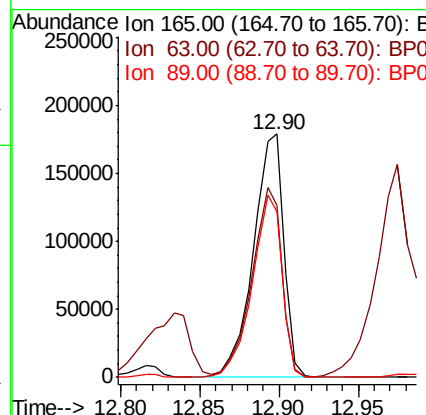
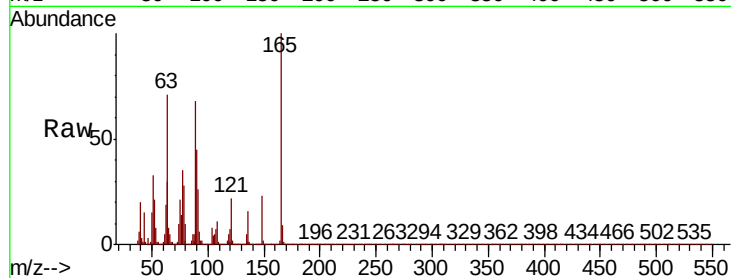
#51  
2,6-Dinitrotoluene  
Concen: 40.311 ng  
RT: 12.90 min Scan# 1838  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 239431 |       |       |
| 63      | 70.5 | 55.6  | 83.4   |       |       |
| 89      | 68.2 | 54.1  | 81.1   |       |       |

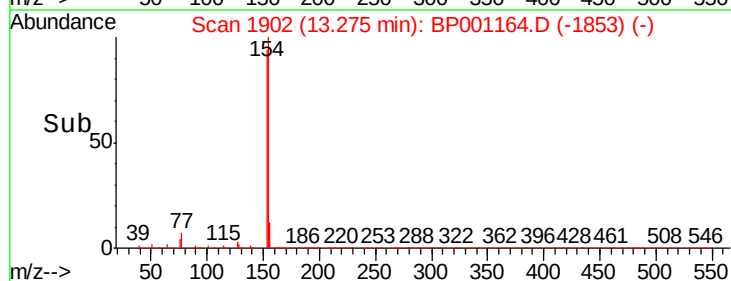
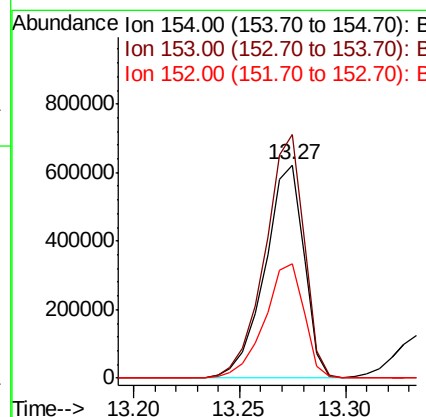
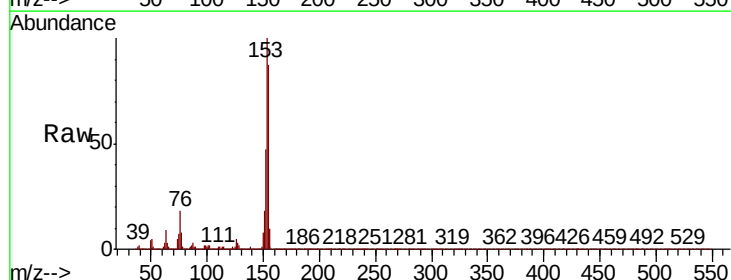
Manual Integrations  
APPROVED

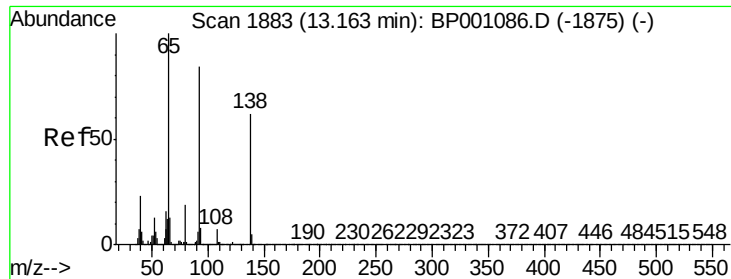
mohammad  
12/4/2019 5:00:53 PM



#52  
Acenaphthene  
Concen: 38.837 ng  
RT: 13.27 min Scan# 1902  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 154     | 100   |       | 801992 |       |       |
| 153     | 114.3 | 90.5  | 135.7  |       |       |
| 152     | 53.6  | 42.6  | 64.0   |       |       |





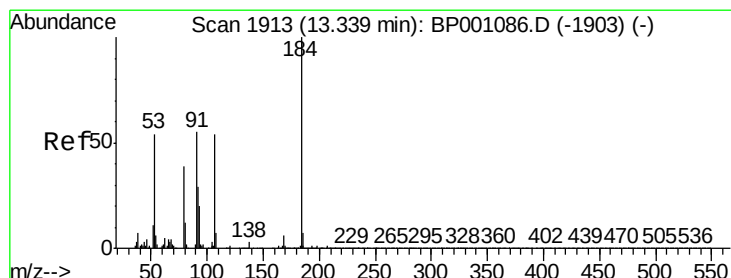
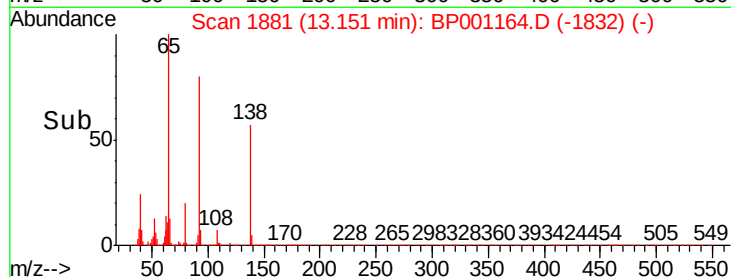
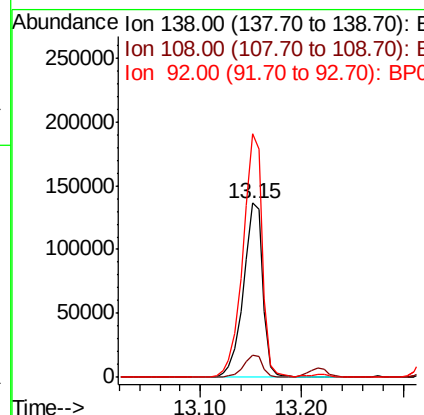
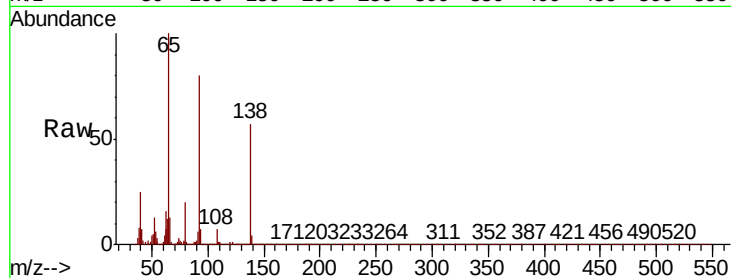
#53  
3-Nitroaniline  
Concen: 27.241 ng  
RT: 13.15 min Scan# 1881  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampled :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.6  | 9.2   | 13.8  |
| 92      | 139.6 | 107.8 | 161.6 |

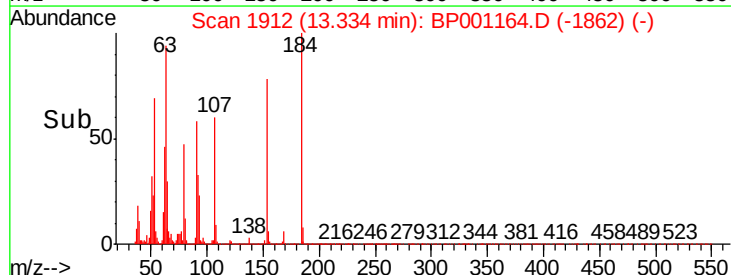
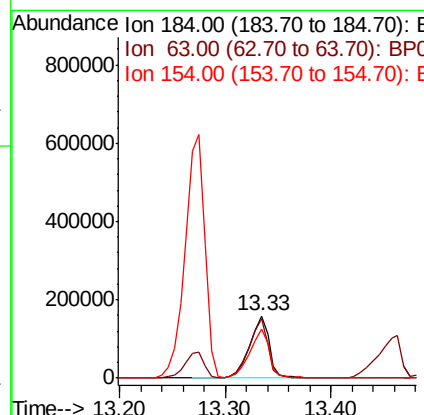
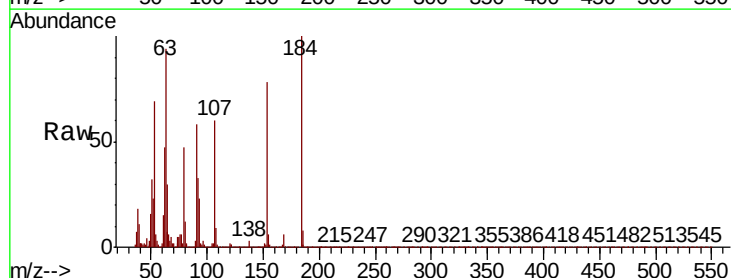
Manual Integrations  
APPROVED

mohammad  
12/4/2019 5:00:53 PM

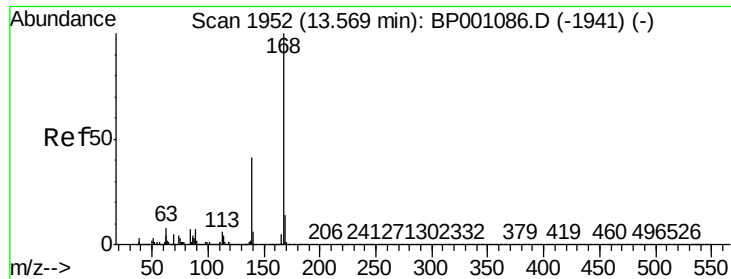


#54  
2,4-Dinitrophenol  
Concen: 83.569 ng  
RT: 13.33 min Scan# 1912  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 93.9  | 60.7  | 91.1# |
| 154     | 78.5  | 56.2  | 84.2  |







#55

Dibenzofuran

Concen: 39.580 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA\_P

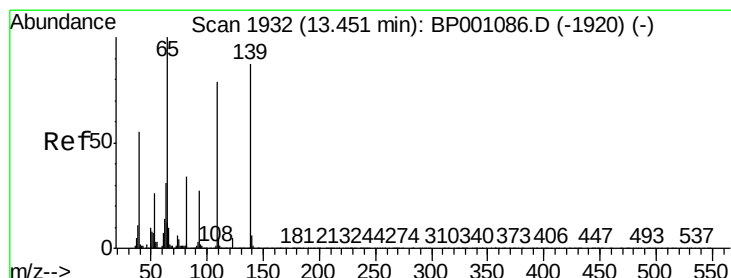
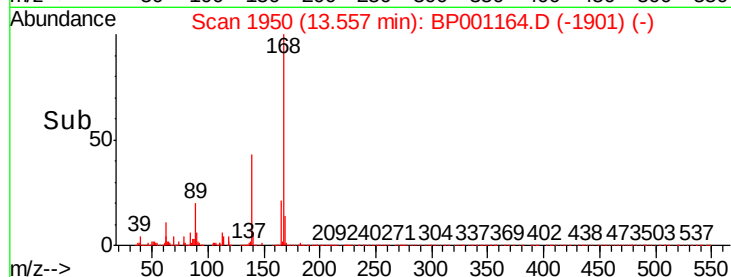
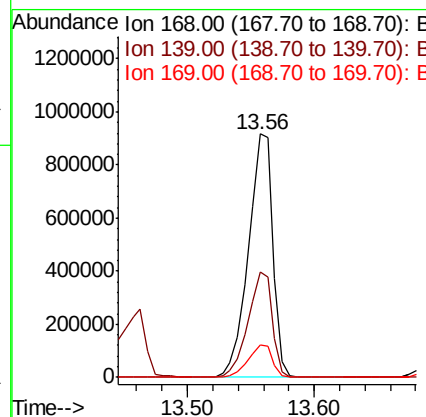
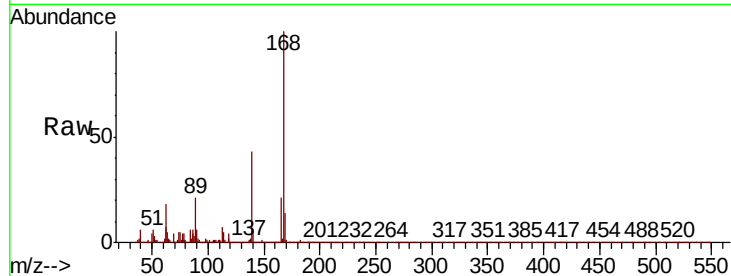
ClientSampleId :

PB125108BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 168   | Resp: | 1228214 |
| Ion      | Ratio | Lower | Upper   |
| 168      | 100   |       |         |
| 139      | 43.3  | 32.8  | 49.2    |
| 169      | 13.5  | 10.9  | 16.3    |

Manual Integrations  
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mohammad  
12/4/2019 5:00:53 PM



#56

4-Nitrophenol

Concen: 84.747 ng

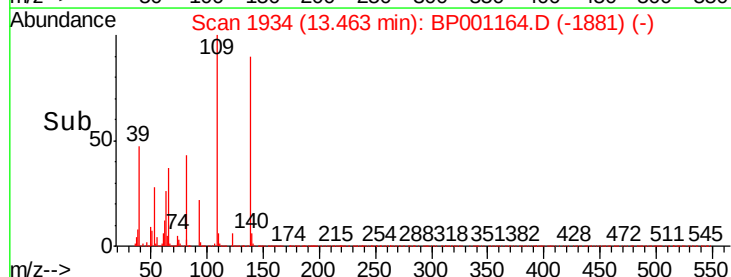
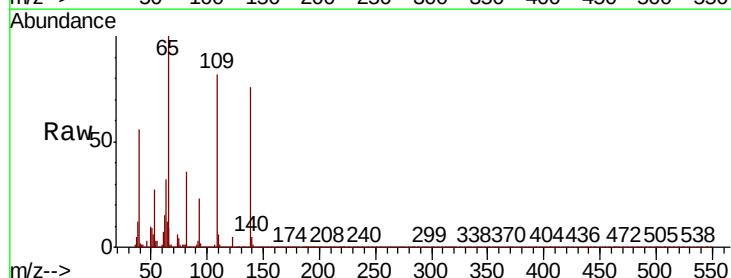
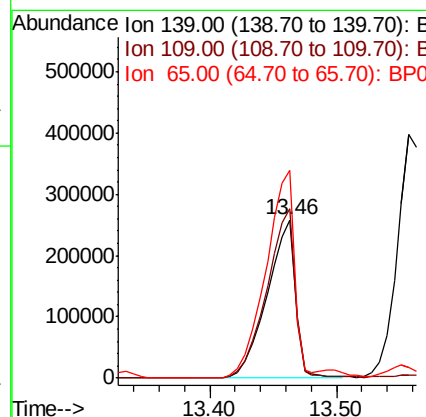
RT: 13.46 min Scan# 1934

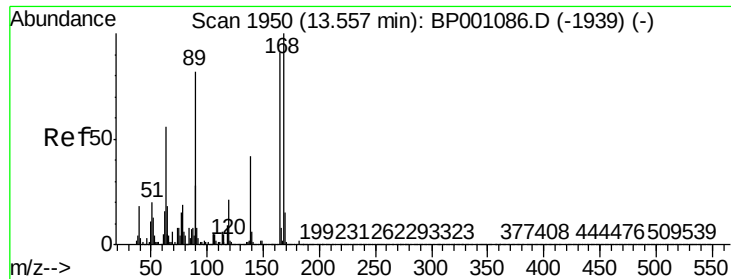
Delta R.T. 0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 400680 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 107.1 | 70.9  | 110.9  |
| 65       | 131.4 | 95.2  | 135.2  |





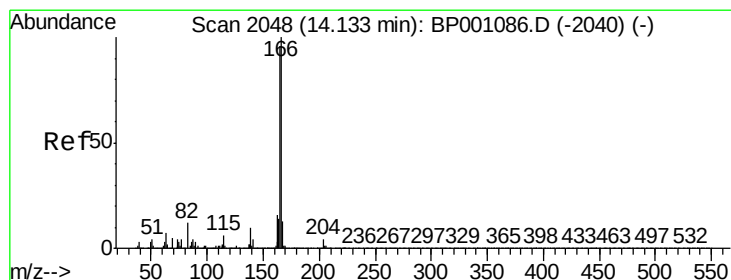
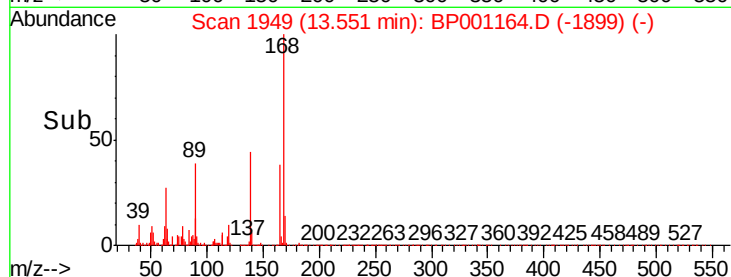
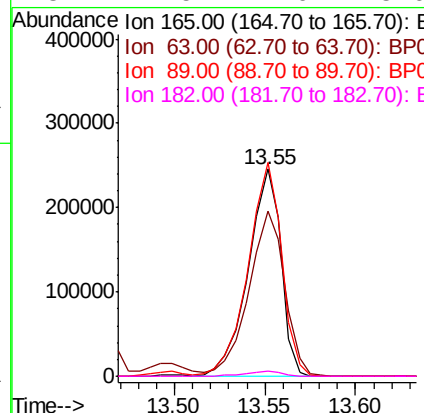
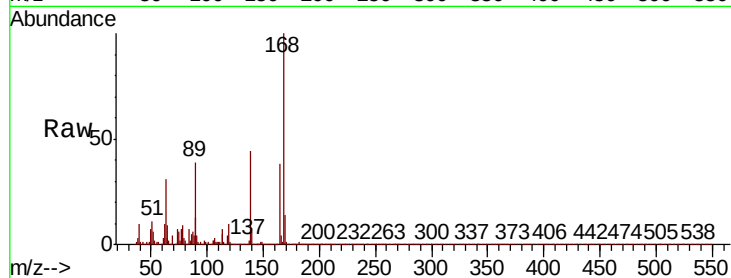
#57  
2,4-Dinitrotoluene  
Concen: 41.254 ng  
RT: 13.55 min Scan# 1949  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 80.0  | 49.4       | 74.2# |
| 89      | 103.2 | 72.1       | 108.1 |
| 182     | 2.5   | 2.0        | 3.0   |

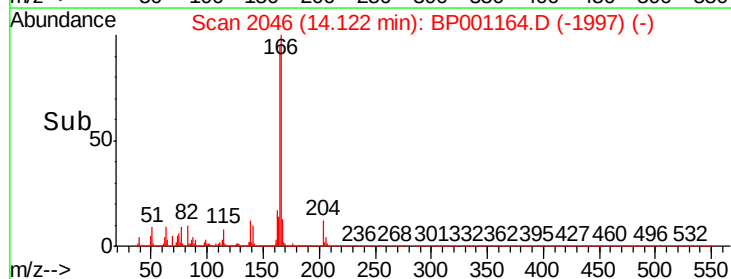
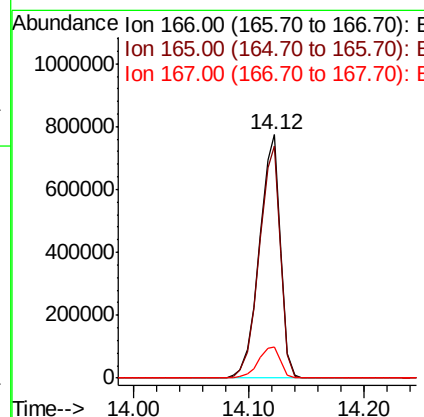
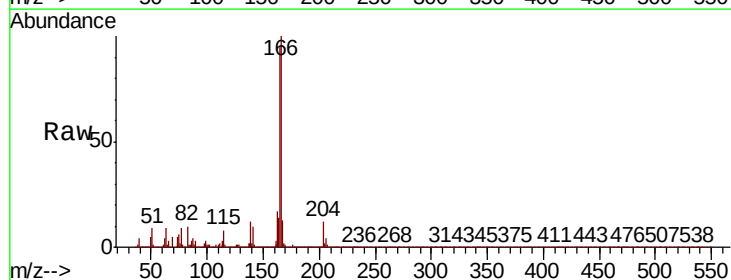
Manual Integrations  
APPROVED

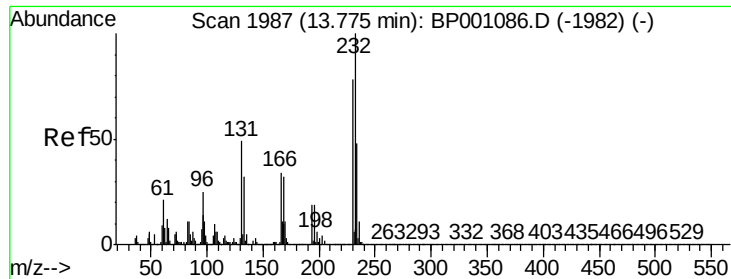
mohammad  
12/4/2019 5:00:53 PM



#58  
Fluorene  
Concen: 39.350 ng  
RT: 14.12 min Scan# 2046  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 166     | 100   |            |       |
| 165     | 95.4  | 76.7       | 115.1 |
| 167     | 12.9  | 10.5       | 15.7  |





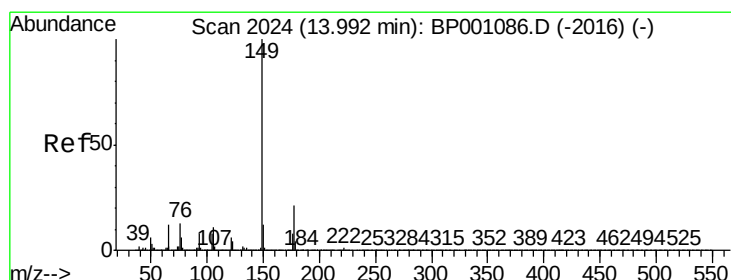
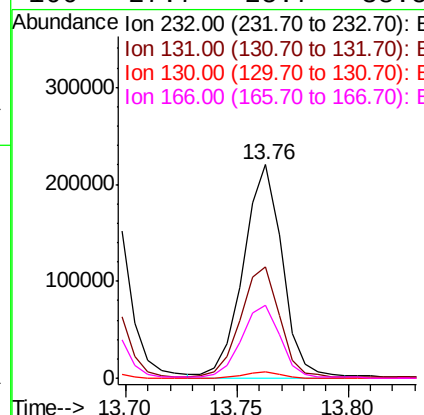
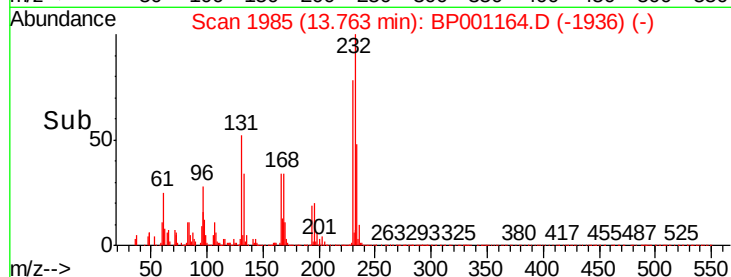
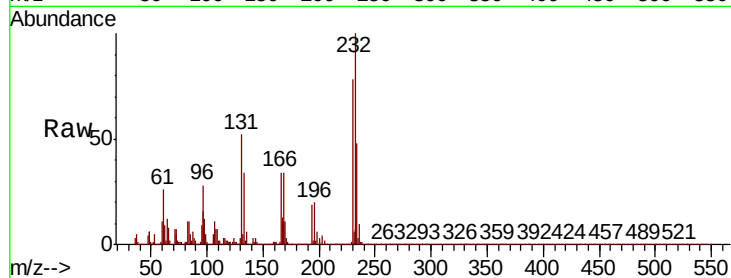
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.724 ng m  
 RT: 13.76 min Scan# 1985  
 Delta R.T. -0.01 min  
 Lab File: BP001164.D  
 Acq: 03 Dec 2019 19:39

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB125108BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 232     | 100  |       | 271285 |       |       |
| 131     | 45.6 | 39.6  | 59.4   |       |       |
| 130     | 2.7  | 1.9   | 2.9    |       |       |
| 166     | 27.7 | 25.7  | 38.5   |       |       |

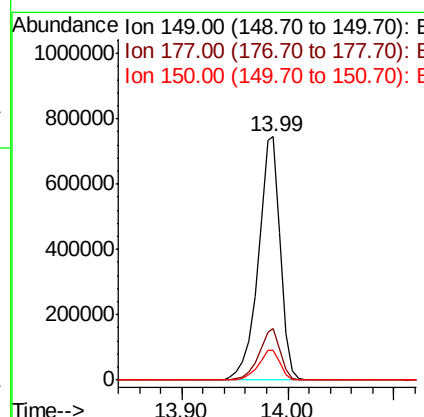
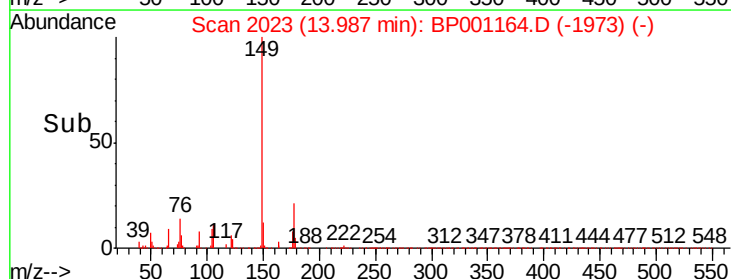
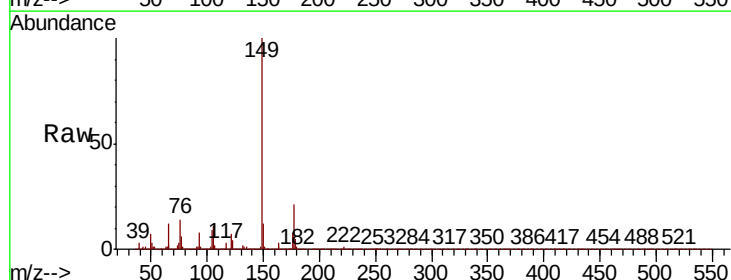
Manual Integrations  
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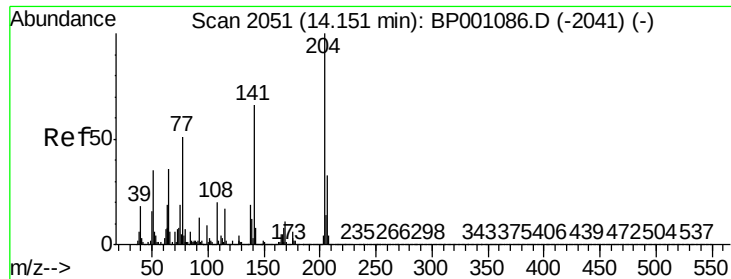
mohammad  
 12/4/2019 5:00:53 PM



#60  
 Diethylphthalate  
 Concen: 37.559 ng  
 RT: 13.99 min Scan# 2023  
 Delta R.T. -0.01 min  
 Lab File: BP001164.D  
 Acq: 03 Dec 2019 19:39

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 149     | 100  |       | 1079065 |       |       |
| 177     | 21.0 | 17.0  | 25.6    |       |       |
| 150     | 12.3 | 9.9   | 14.9    |       |       |





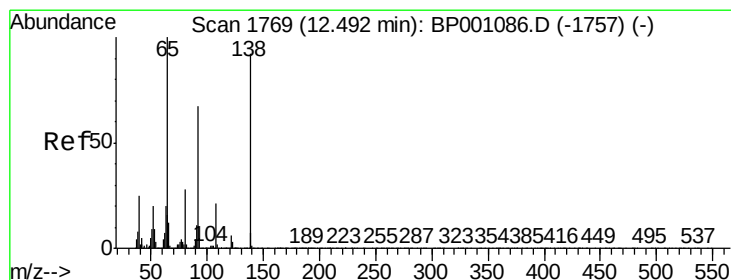
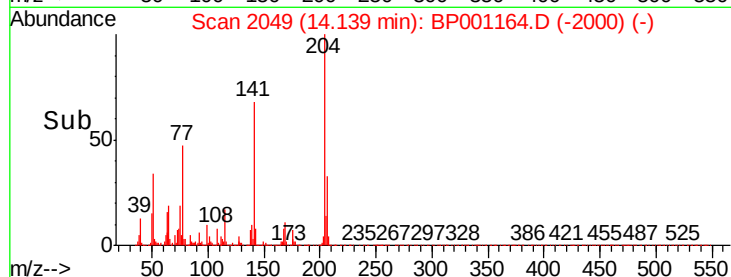
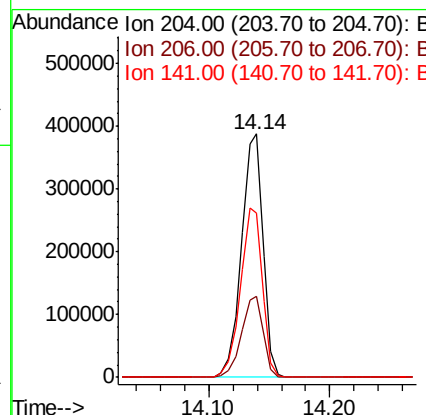
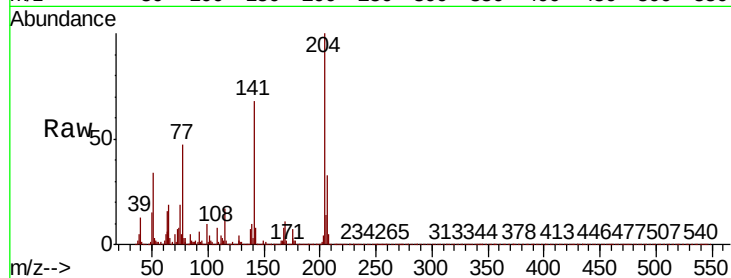
#61  
4-Chlorophenyl-phenylether  
Concen: 38.027 ng  
RT: 14.14 min Scan# 2049  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampled :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.5  | 26.1  | 39.1  |
| 141     | 67.7  | 52.7  | 79.1  |

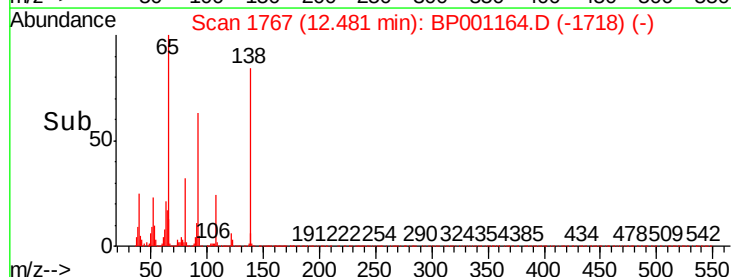
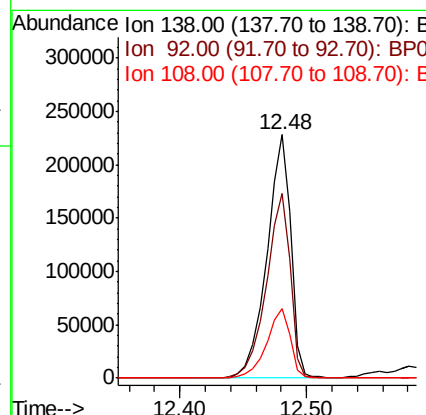
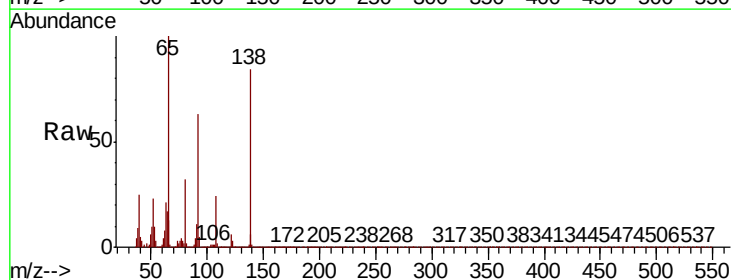
Manual Integrations  
APPROVED

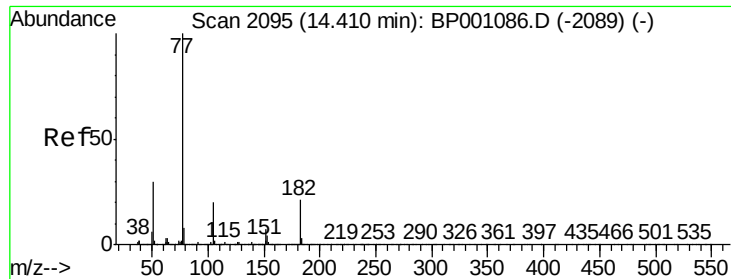
mohammad  
12/4/2019 5:00:53 PM



#62  
4-Nitroaniline  
Concen: 38.484 ng  
RT: 12.48 min Scan# 1767  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 75.7  | 53.3  | 93.3  |
| 108     | 28.6  | 3.1   | 43.1  |





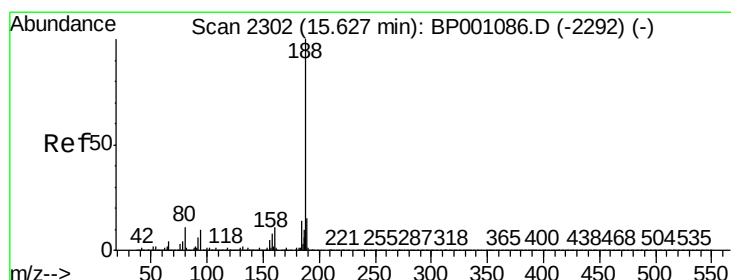
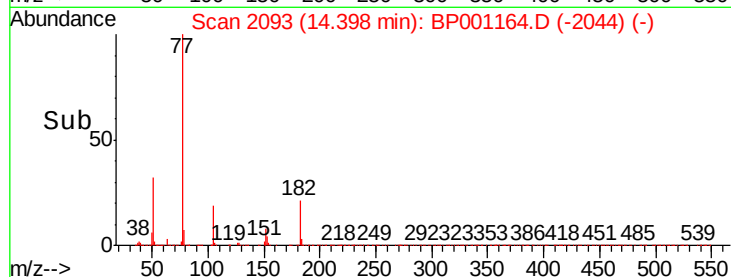
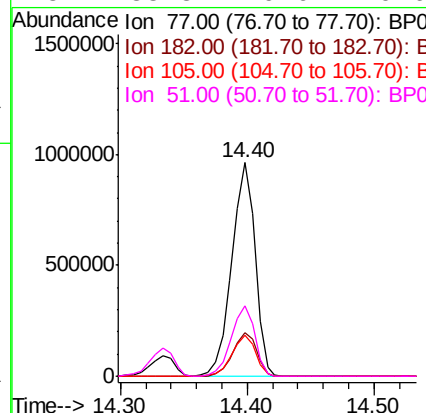
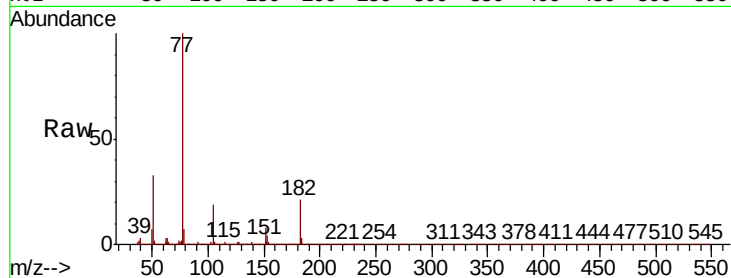
#63  
Azobenzene  
Concen: 39.281 ng  
RT: 14.40 min Scan# 2093  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampled :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 20.5  | 0.8   | 40.8  |
| 105     | 18.9  | 0.3   | 40.3  |
| 51      | 33.3  | 9.6   | 49.6  |

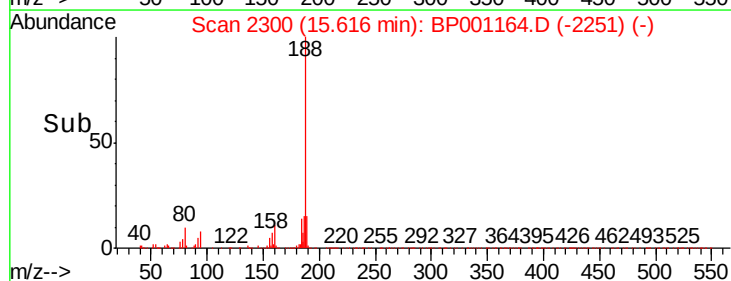
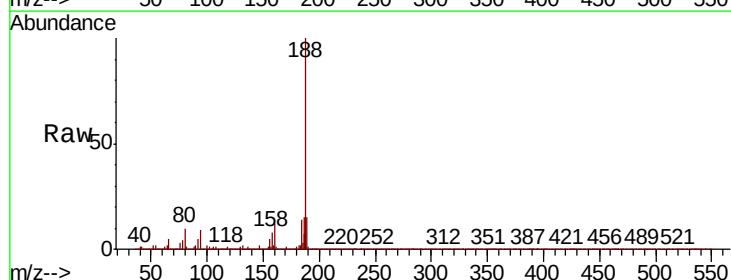
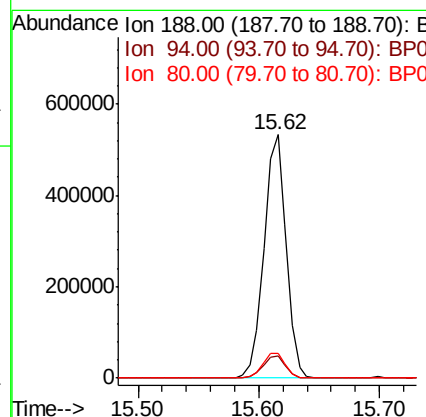
Manual Integrations  
APPROVED

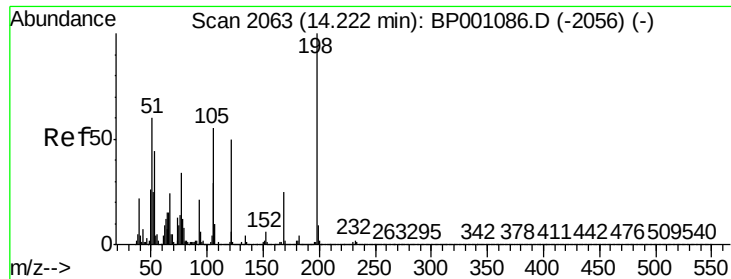
mohammad  
12/4/2019 5:00:53 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 15.62 min Scan# 2300  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.2   | 7.9   | 11.9  |
| 80      | 10.3  | 8.8   | 13.2  |





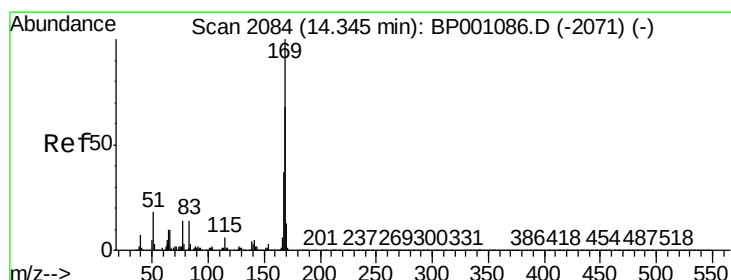
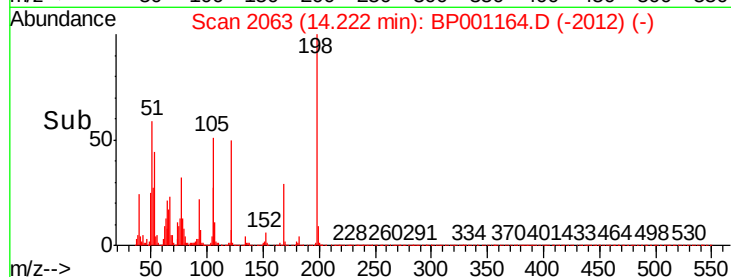
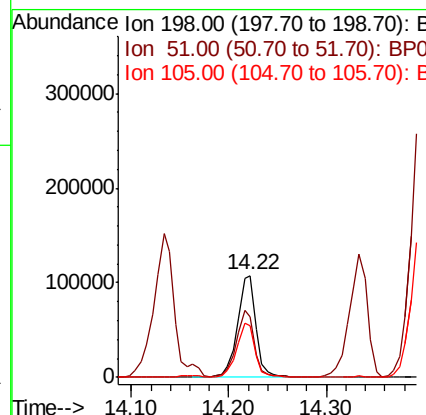
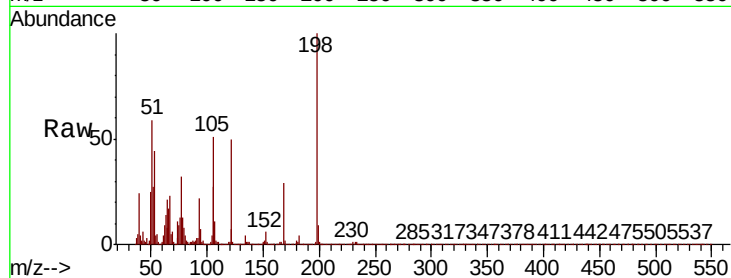
#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.764 ng  
RT: 14.22 min Scan# 2063  
Delta R.T. 0.00 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 142108 |       |       |
| 51      | 58.9  |        | 40.5  | 80.5  |
| 105     | 50.7  |        | 35.7  | 75.7  |

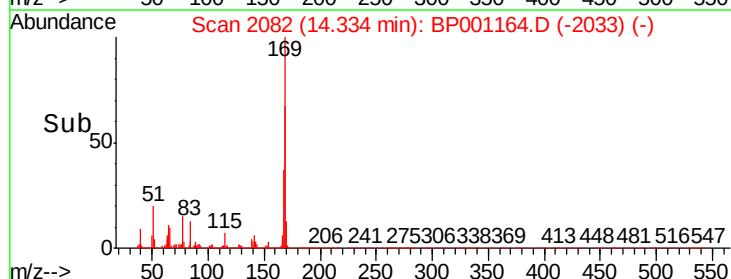
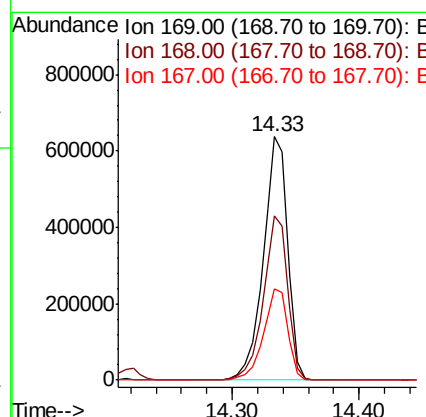
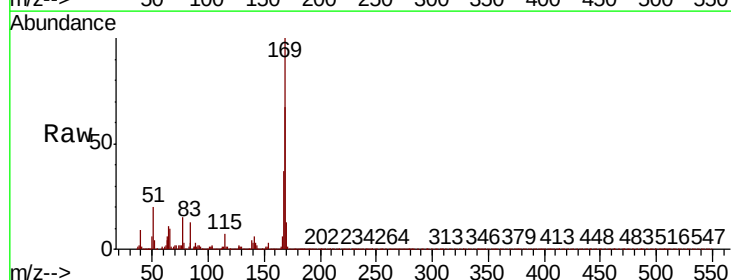
Manual Integrations  
APPROVED

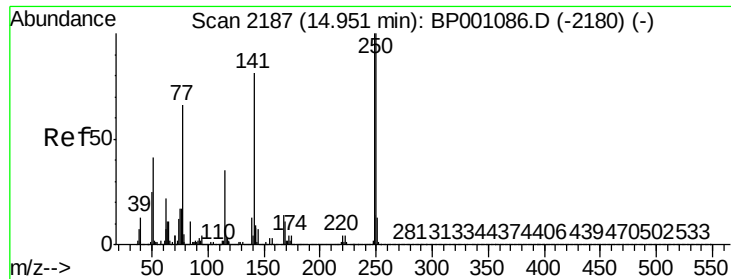
mohammad  
12/4/2019 5:00:53 PM



#66  
n-Nitrosodiphenylamine  
Concen: 41.102 ng  
RT: 14.33 min Scan# 2082  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 846592 |       |       |
| 168     | 67.5  |        | 54.1  | 81.1  |
| 167     | 37.4  |        | 29.5  | 44.3  |





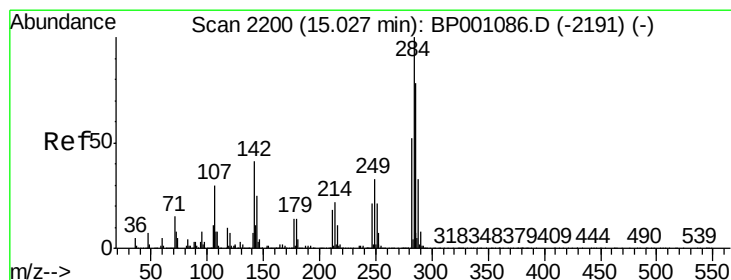
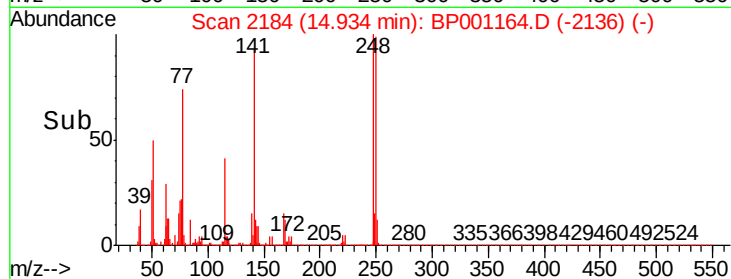
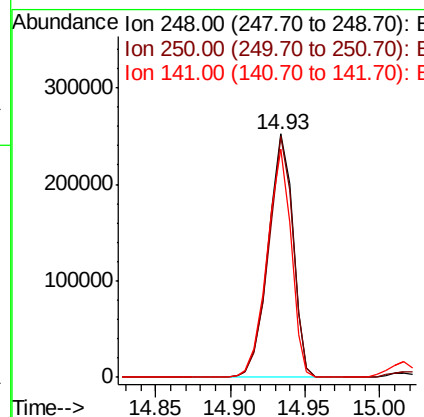
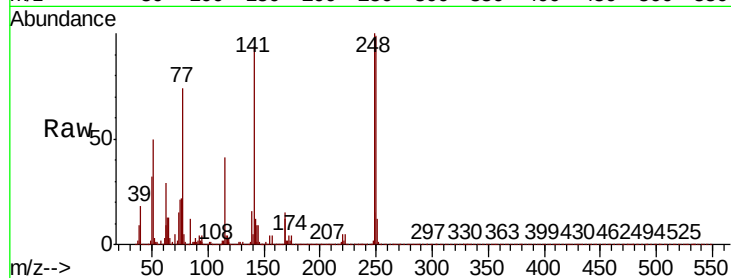
#67  
4-Bromophenyl-phenylether  
Concen: 39.252 ng  
RT: 14.93 min Scan# 2184  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 248     | 100   |      |       |       |
| 250     | 98.9  | 80.3 | 120.5 |       |
| 141     | 93.6  | 64.9 | 97.3  |       |

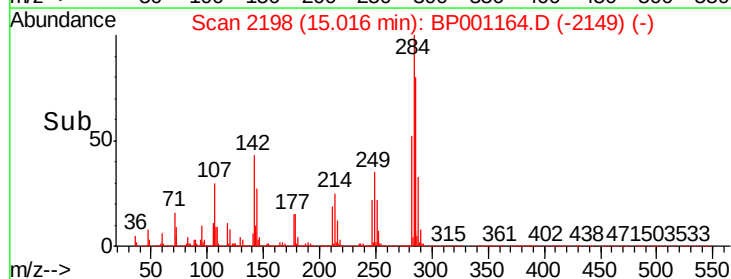
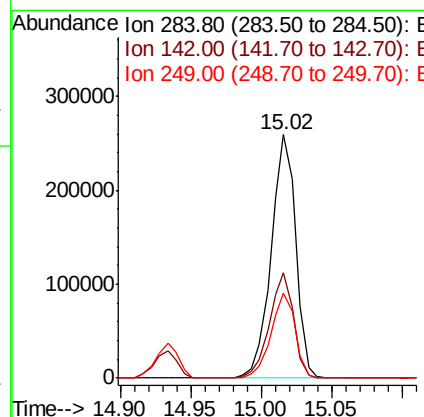
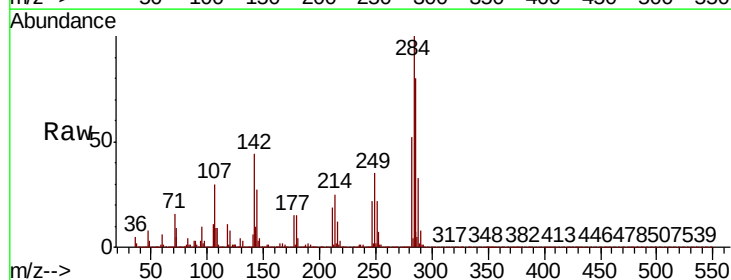
Manual Integrations  
APPROVED

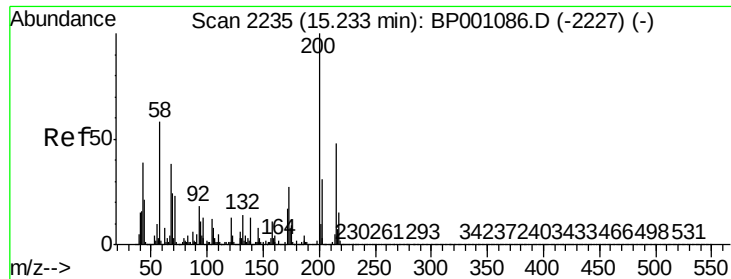
mohammad  
12/4/2019 5:00:53 PM



#68  
Hexachlorobenzene  
Concen: 39.022 ng  
RT: 15.02 min Scan# 2198  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 43.5  | 33.2 | 49.8  |       |
| 249     | 34.9  | 26.2 | 39.4  |       |





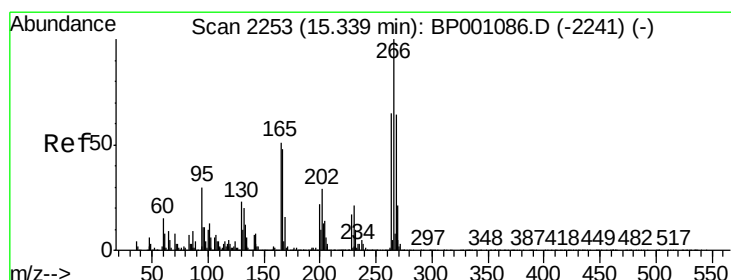
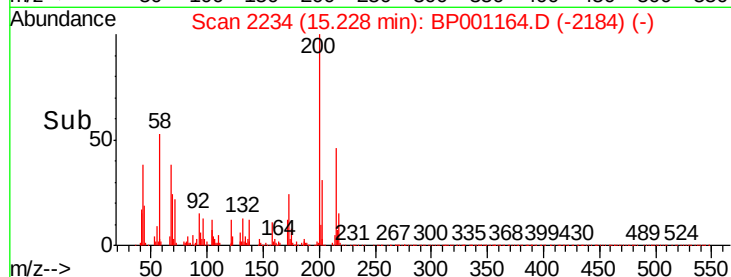
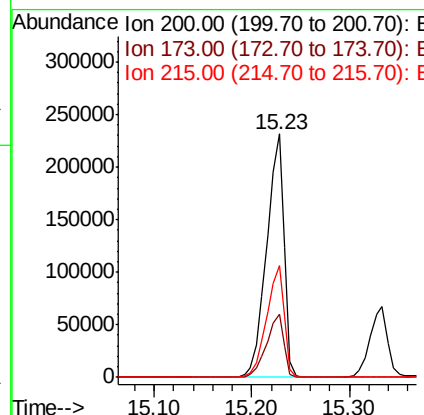
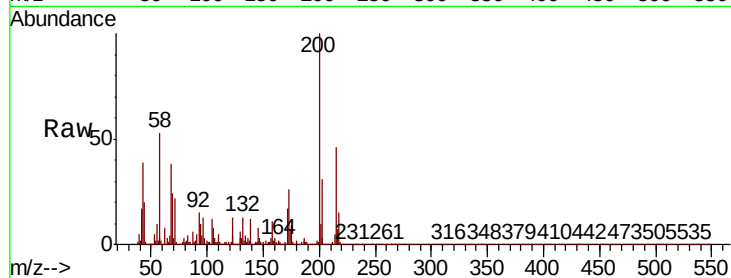
#69  
Atrazine  
Concen: 46.201 ng  
RT: 15.23 min Scan# 2234  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 25.8  | 6.7        | 46.7  |
| 215     | 45.8  | 27.9       | 67.9  |

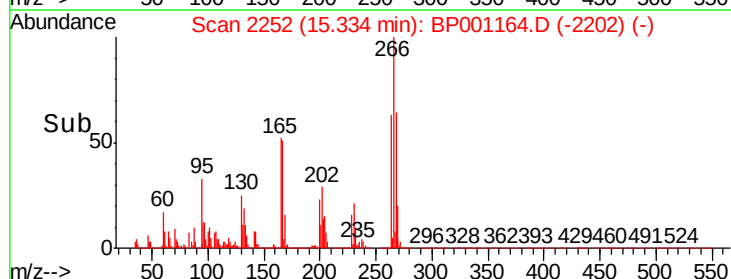
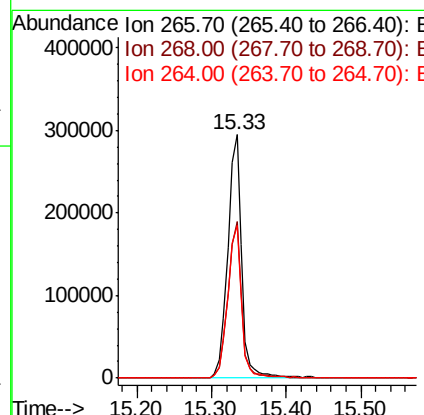
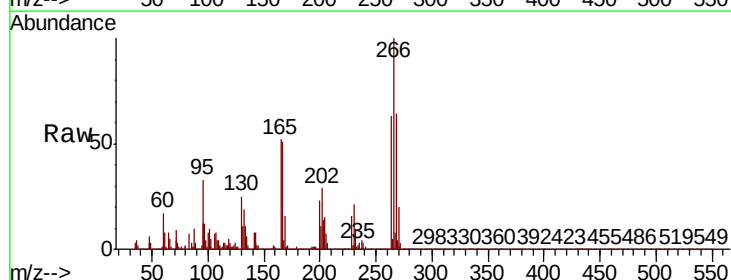
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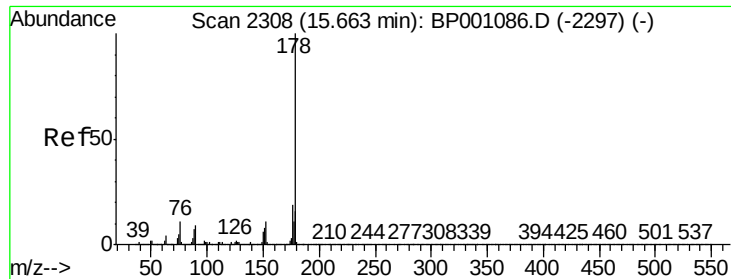


#70  
Pentachlorophenol  
Concen: 91.402 ng  
RT: 15.33 min Scan# 2252  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 64.3  | 51.6       | 77.4  |
| 264     | 62.7  | 52.2       | 78.4  |







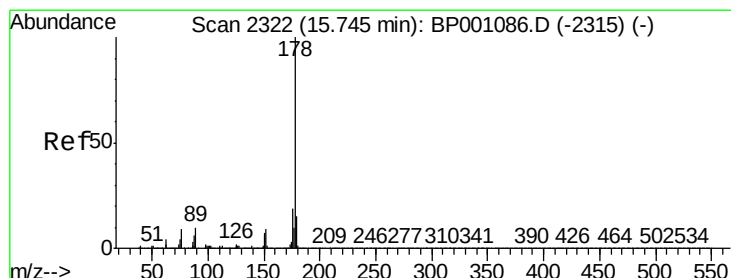
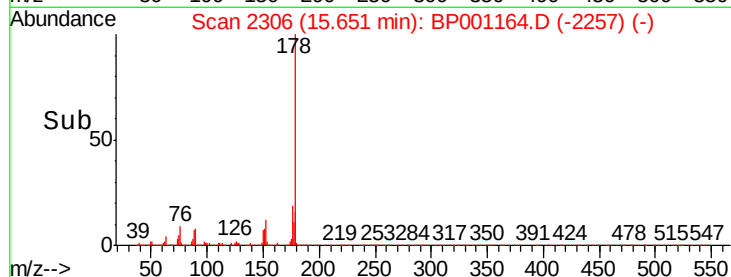
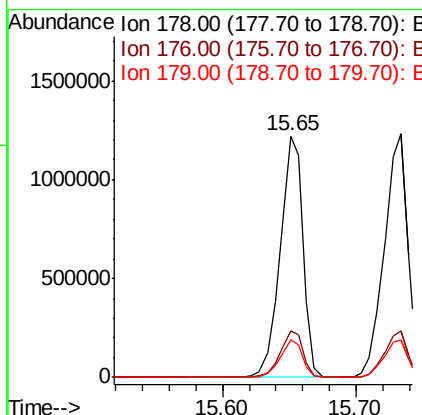
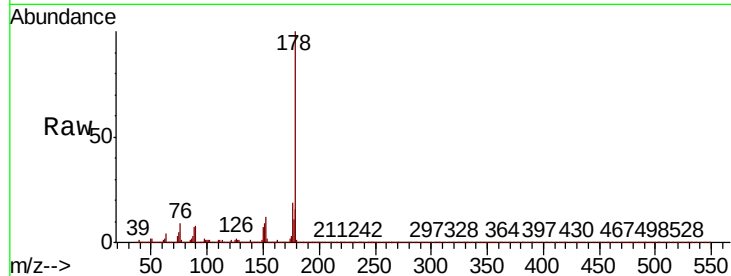
#71  
Phenanthrene  
Concen: 41.024 ng  
RT: 15.65 min Scan# 2306  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.4  | 23.2  |
| 179     | 15.8  | 12.5  | 18.7  |

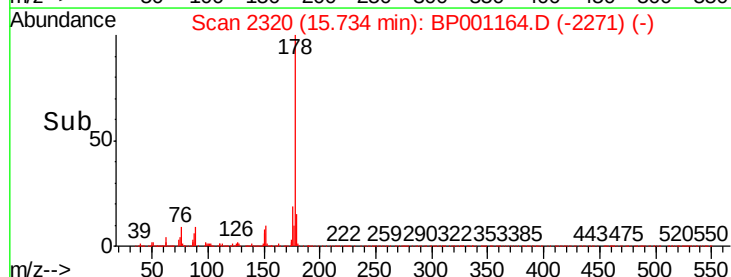
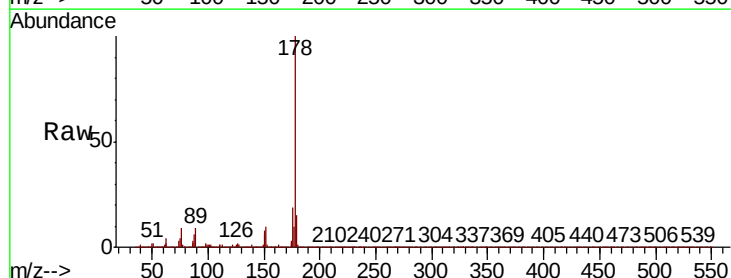
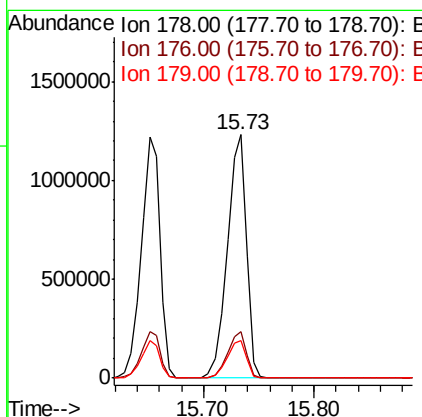
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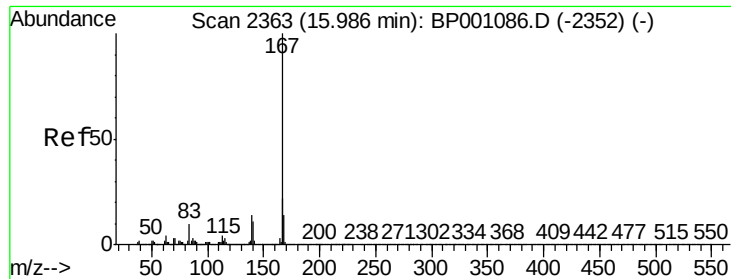
mohammad  
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#72  
Anthracene  
Concen: 42.302 ng  
RT: 15.73 min Scan# 2320  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 14.9  | 22.3  |
| 179     | 15.3  | 12.2  | 18.4  |





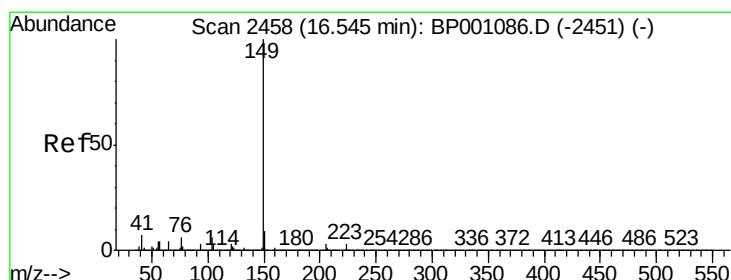
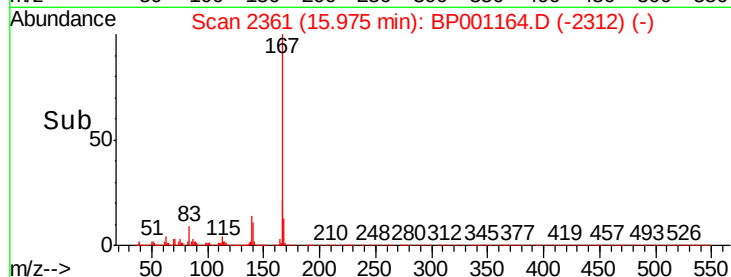
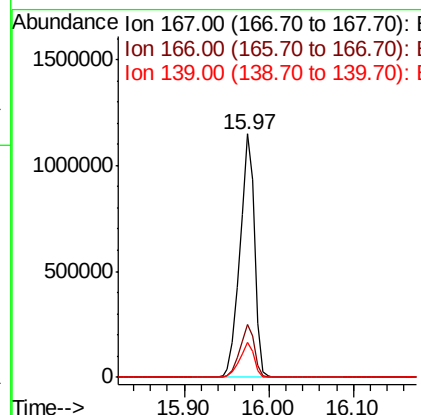
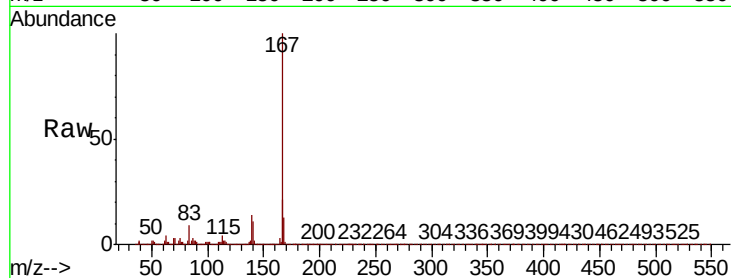
#73  
 Carbazole  
 Concen: 42.043 ng  
 RT: 15.97 min Scan# 2361  
 Delta R.T. -0.01 min  
 Lab File: BP001164.D  
 Acq: 03 Dec 2019 19:39

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.5  | 17.2  | 25.8  |
| 139     | 14.1  | 11.3  | 16.9  |

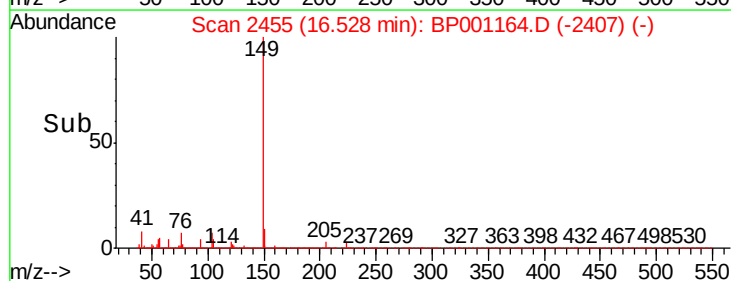
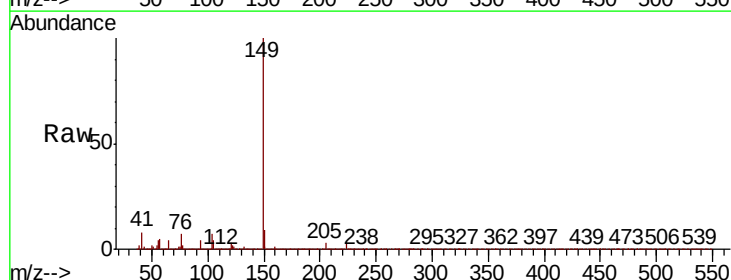
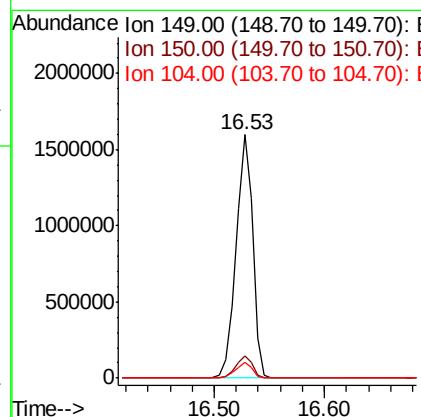
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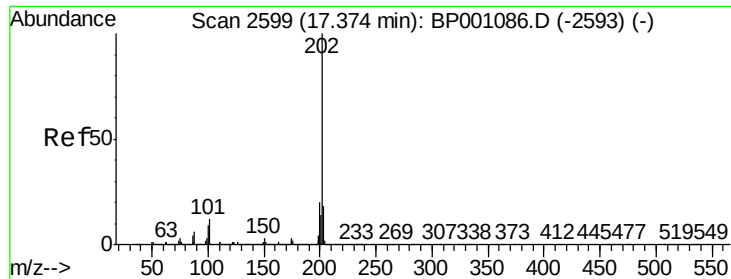
mohammad  
 12/4/2019 5:00:53 PM



#74  
 Di-n-butylphthalate  
 Concen: 39.374 ng  
 RT: 16.53 min Scan# 2455  
 Delta R.T. -0.02 min  
 Lab File: BP001164.D  
 Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.4   | 11.2  |
| 104     | 6.5   | 4.6   | 6.8   |





#75

Fluoranthene

Concen: 42.446 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA\_P

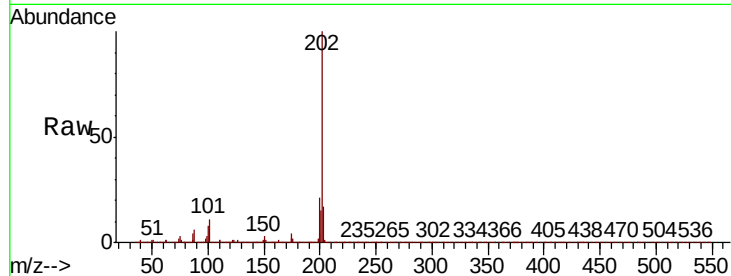
ClientSampleId :

PB125108BS

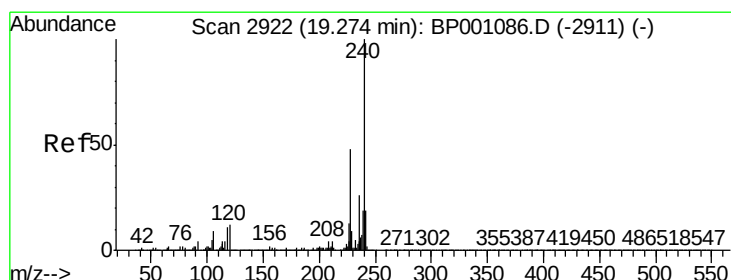
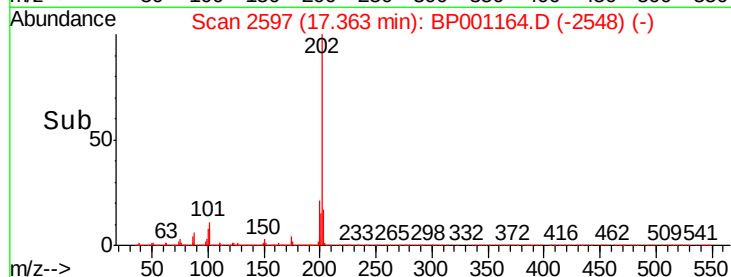
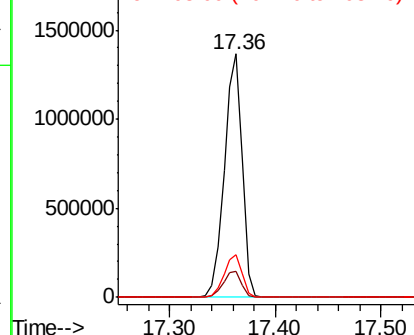
|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1601454 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 10.8  | 0.0   | 32.1    |
| 203       | 17.5  | 0.0   | 37.8    |

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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

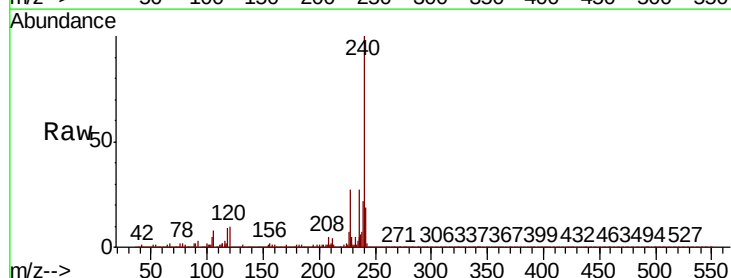
RT: 19.26 min Scan# 2920

Delta R.T. -0.01 min

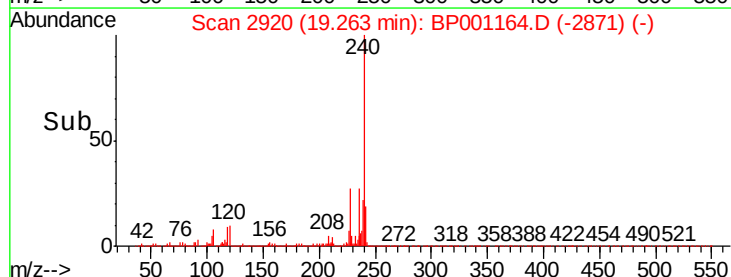
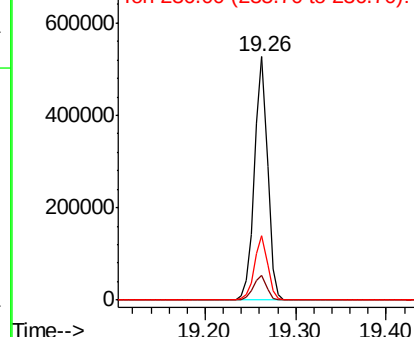
Lab File: BP001164.D

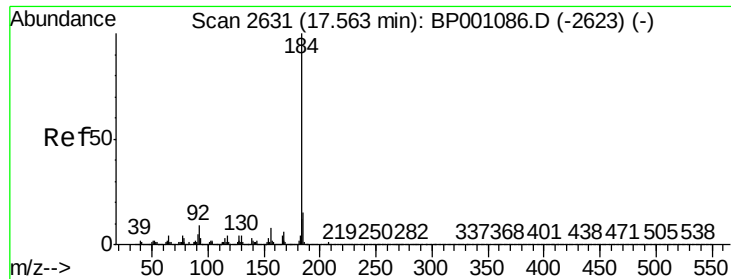
Acq: 03 Dec 2019 19:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 524721 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.3  | 9.5   | 14.3   |
| 236       | 26.6  | 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: 31.077 ng

RT: 17.55 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA\_P

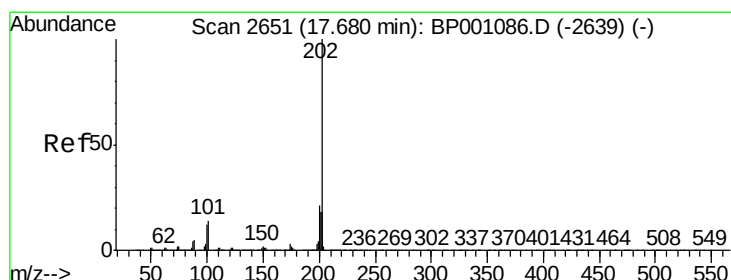
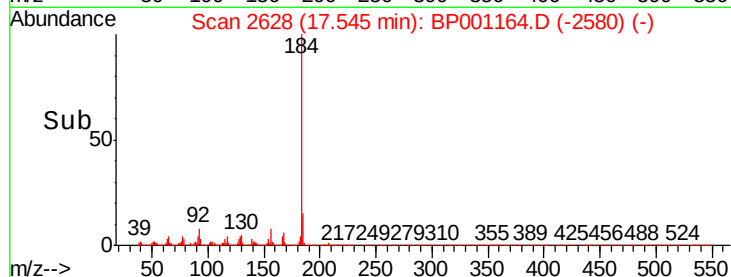
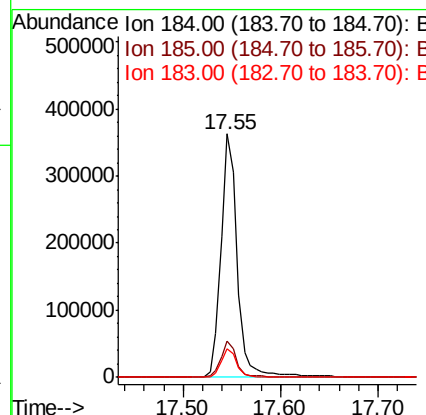
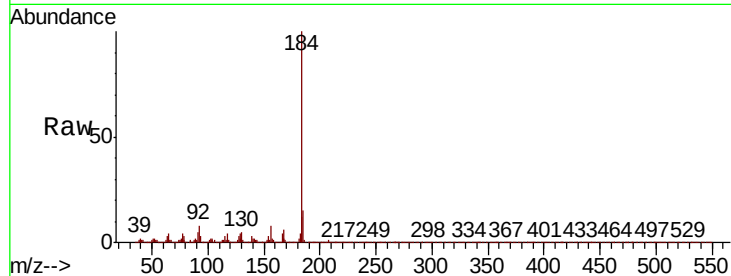
ClientSampleId :

PB125108BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 421034 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.8  | 12.2  | 18.4   |
| 183       | 11.8  | 9.3   | 13.9   |

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#78

Pyrene

Concen: 39.400 ng

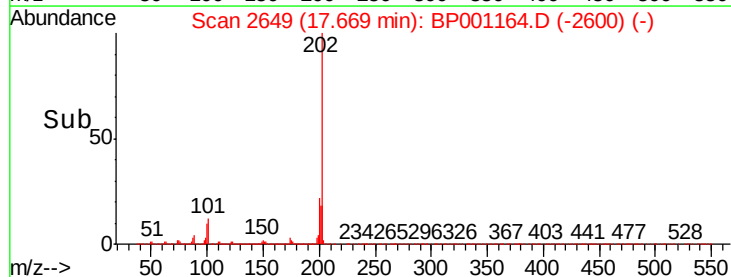
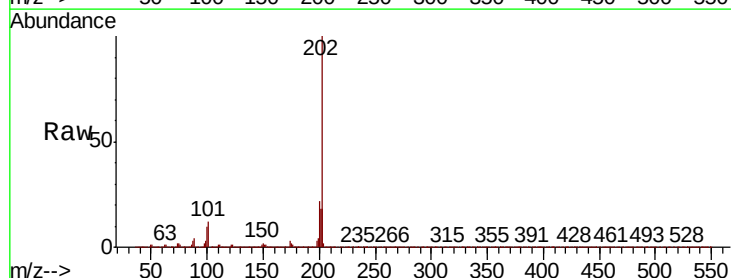
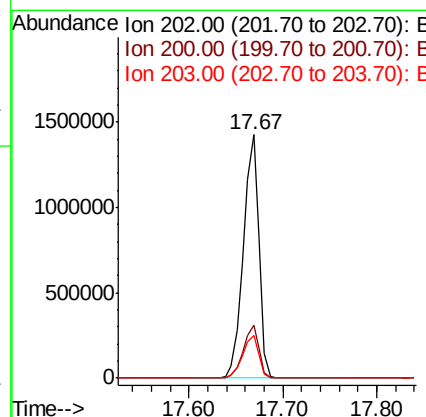
RT: 17.67 min Scan# 2649

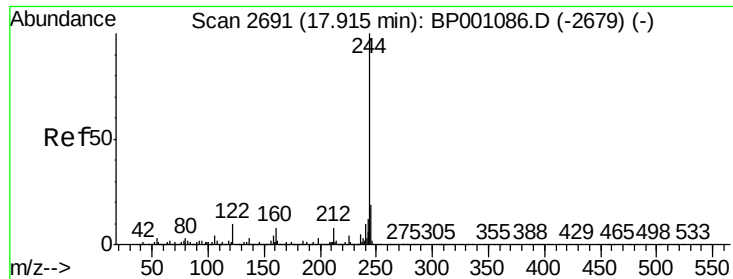
Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1628344 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.5  | 17.0  | 25.6    |
| 203       | 17.5  | 14.1  | 21.1    |





#79

Terphenyl-d14

Concen: 62.228 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA\_P

ClientSampleId :

PB125108BS

Tot Ion:244 Resp: 1764898

Ion Ratio Lower Upper

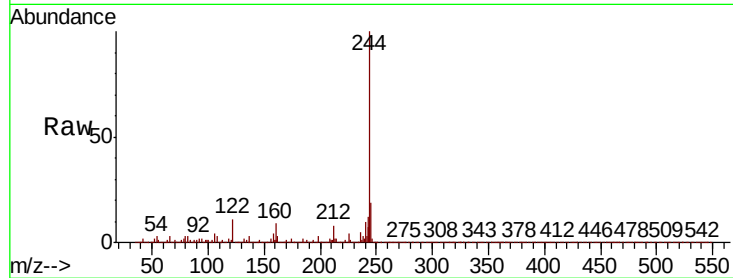
244 100

212 8.3 6.2 9.2

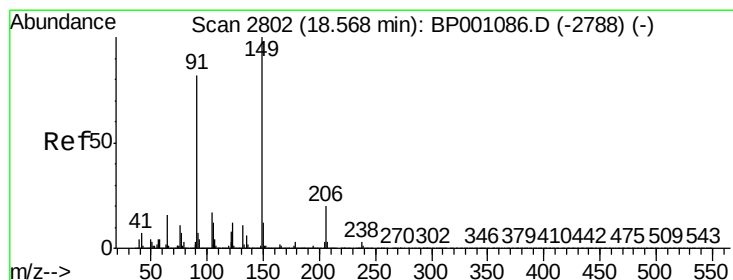
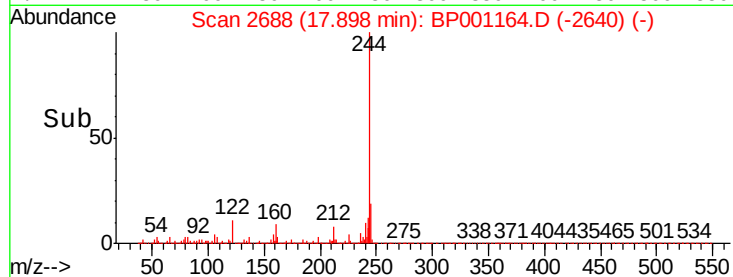
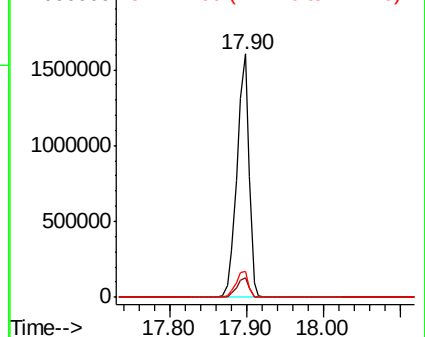
122 10.5 8.2 12.2

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Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.374 ng

RT: 18.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

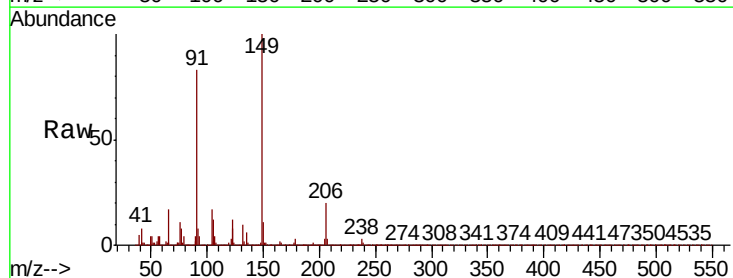
Tgt Ion:149 Resp: 732518

Ion Ratio Lower Upper

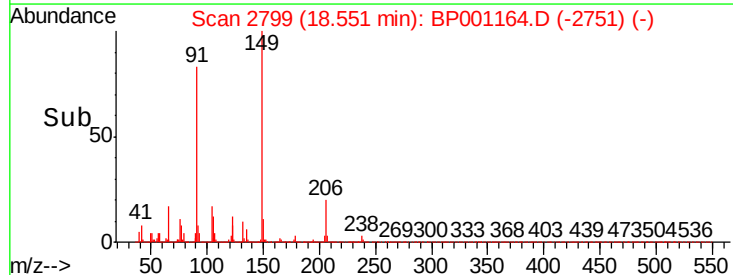
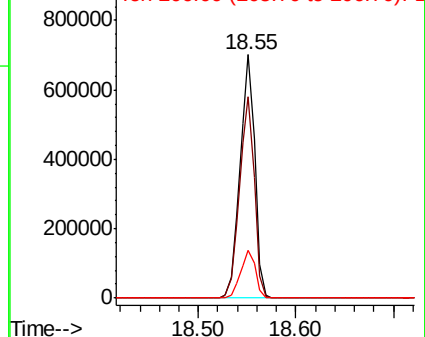
149 100

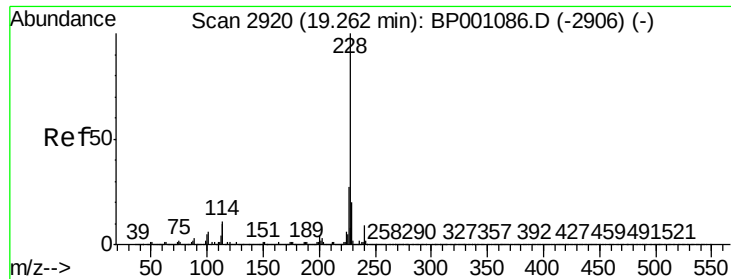
91 82.6 65.4 98.2

206 19.6 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BP0  
Ion 206.00 (205.70 to 206.70): E





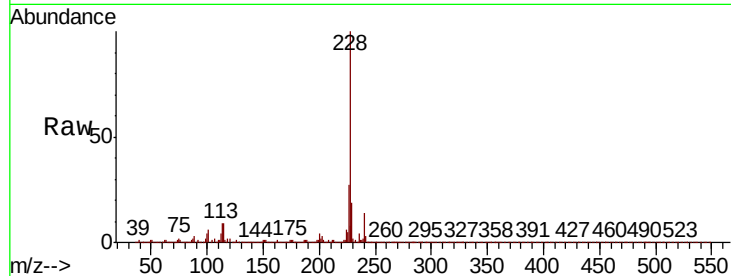
#81  
Benzo(a)anthracene  
Concen: 39.565 ng  
RT: 19.25 min Scan# 2918  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.4  | 21.8  | 32.6  |
| 229     | 19.5  | 15.8  | 23.6  |

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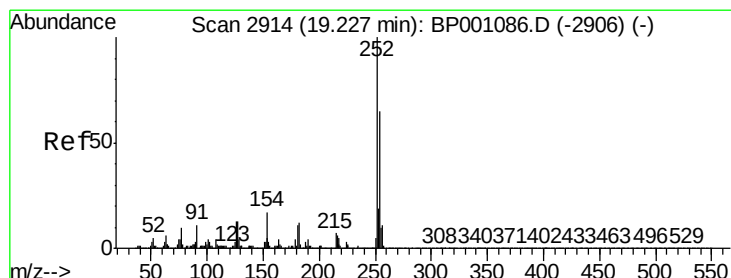
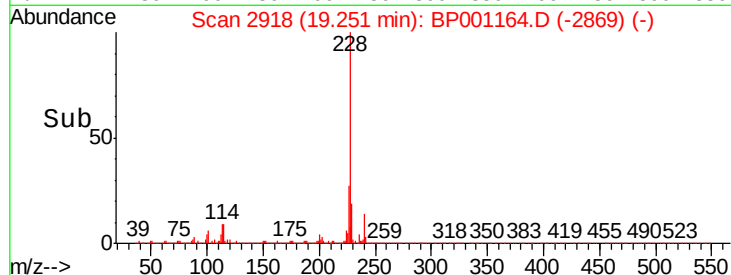
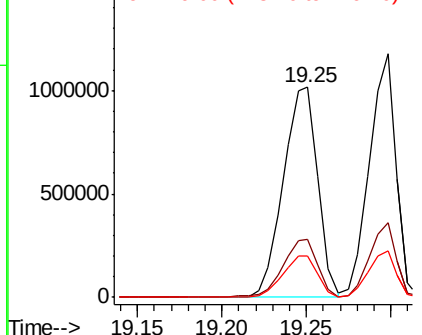


Abundance

Ion 228.00 (227.70 to 228.70): E

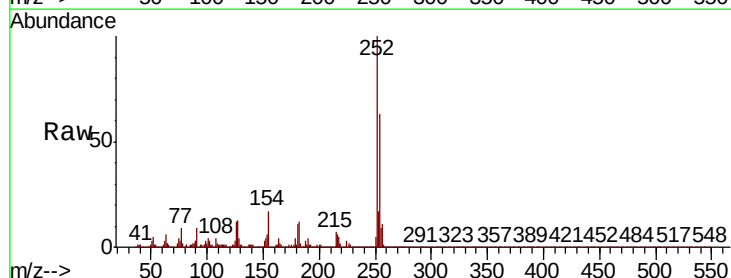
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82  
3,3'-Dichlorobenzidine  
Concen: 40.607 ng  
RT: 19.22 min Scan# 2912  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.5  | 51.7  | 77.5  |
| 126     | 12.0  | 10.2  | 15.4  |

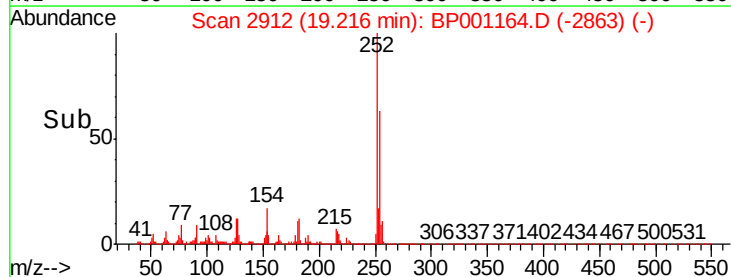
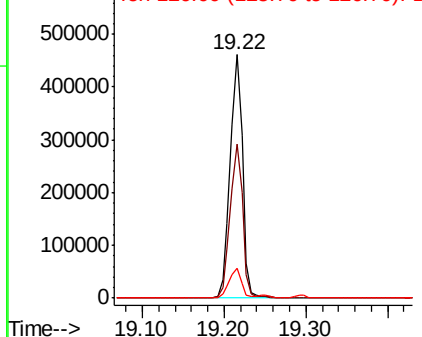


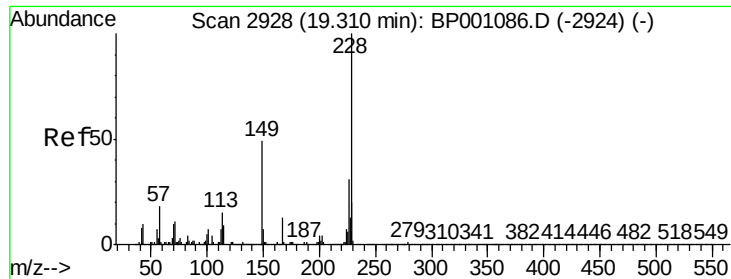
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





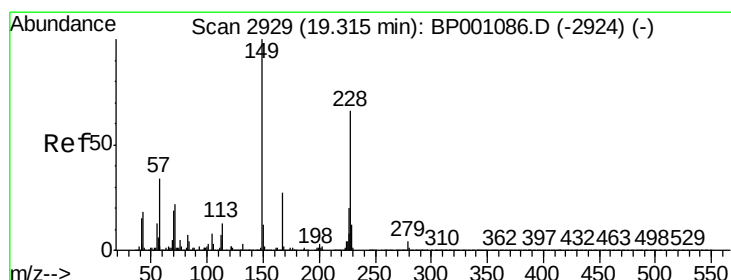
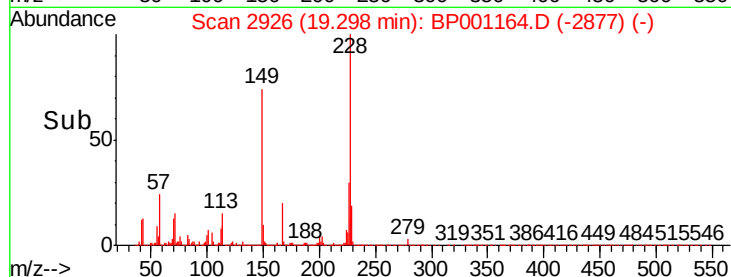
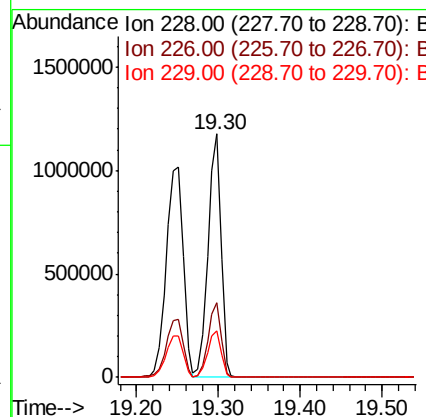
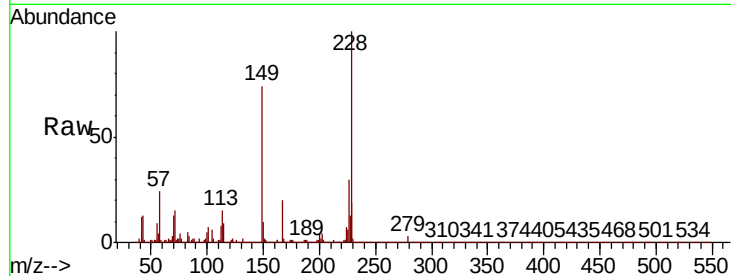
#83  
Chrysene  
Concen: 39.892 ng  
RT: 19.30 min Scan# 2926  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.4  | 24.4  | 36.6  |
| 229     | 19.4  | 15.7  | 23.5  |

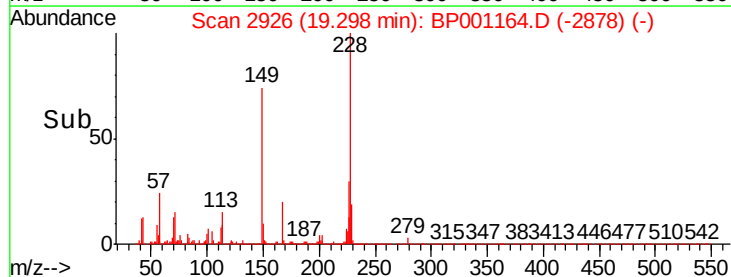
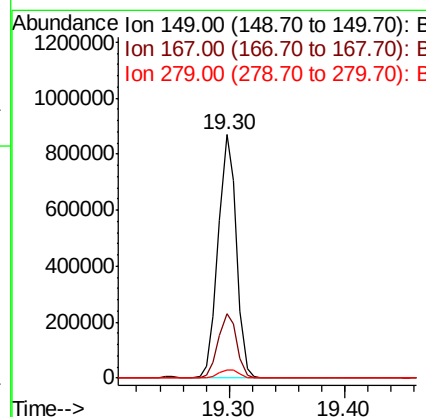
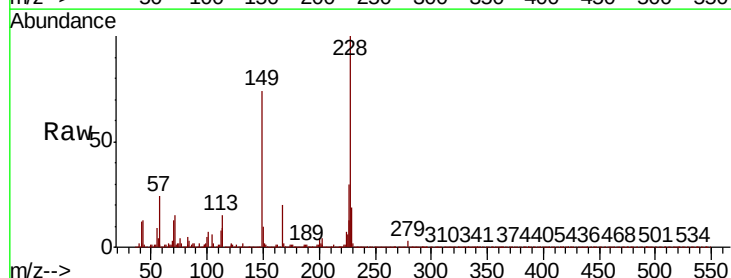
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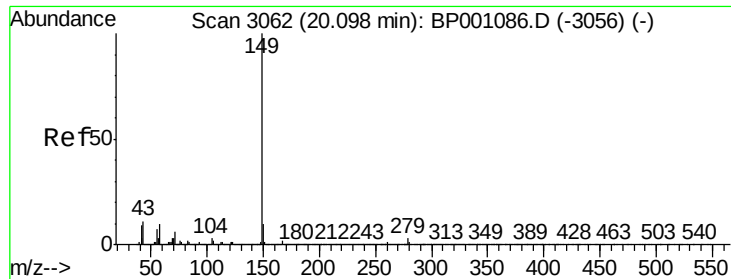
mohammad  
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 36.215 ng  
RT: 19.30 min Scan# 2926  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.7  | 21.3  | 31.9  |
| 279     | 3.6   | 2.8   | 4.2   |





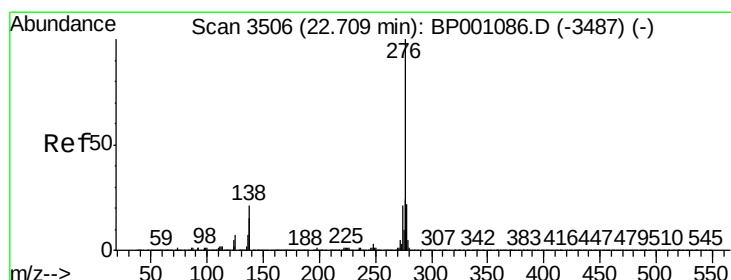
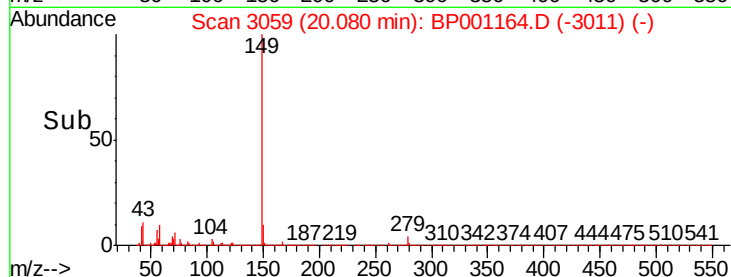
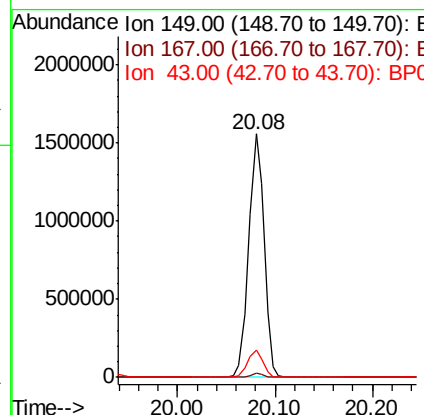
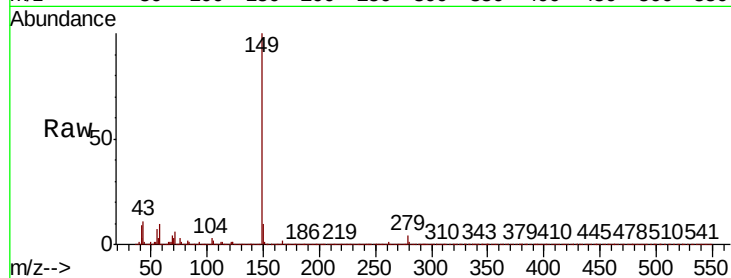
#85  
Di-n-octyl phthalate  
Concen: 36.724 ng  
RT: 20.08 min Scan# 3059  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 11.2  | 8.5   | 12.7  |

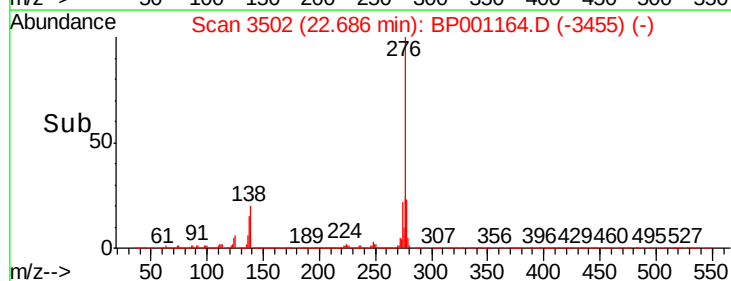
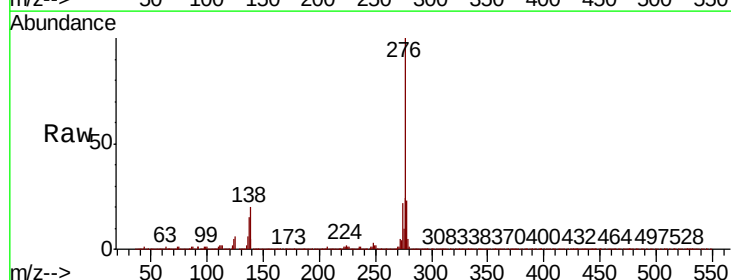
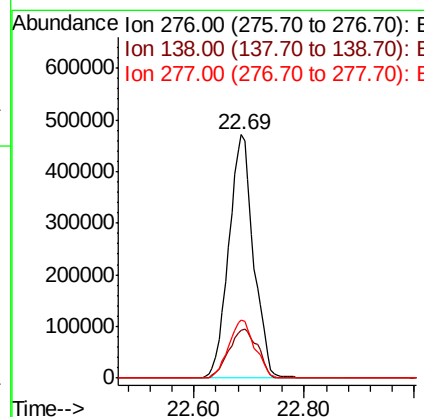
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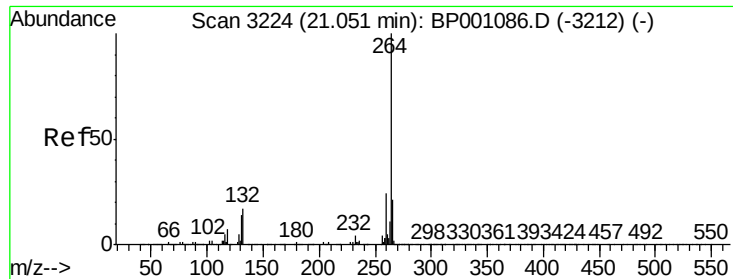


#86  
Indeno(1,2,3-cd)pyrene  
Concen: 38.579 ng  
RT: 22.69 min Scan# 3502  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.4  | 20.6  | 30.8  |
| 277     | 25.2  | 20.0  | 30.0  |







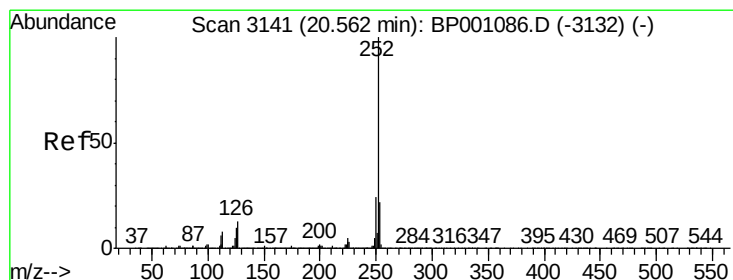
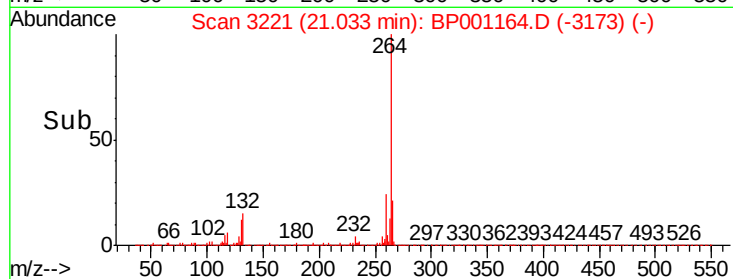
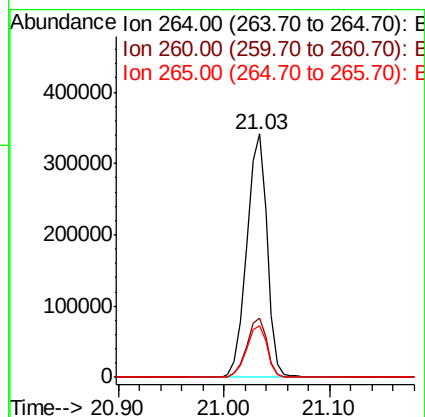
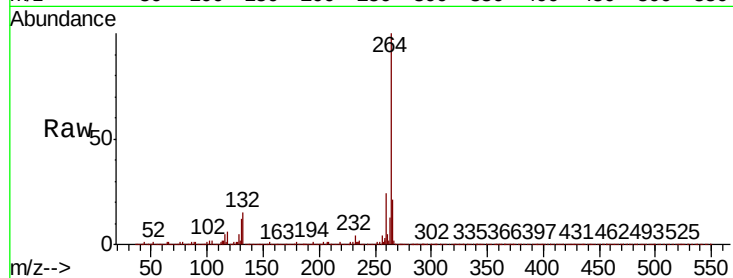
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 21.03 min Scan# 3221  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 18.8  | 28.2  |
| 265     | 21.1  | 16.9  | 25.3  |

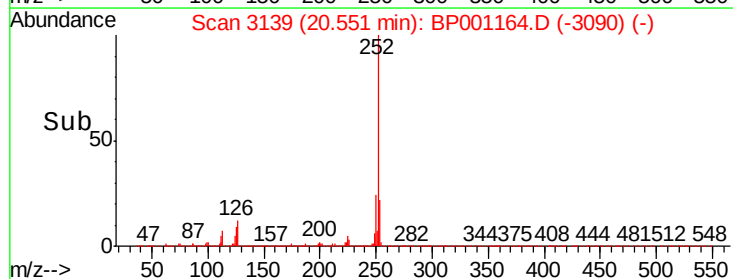
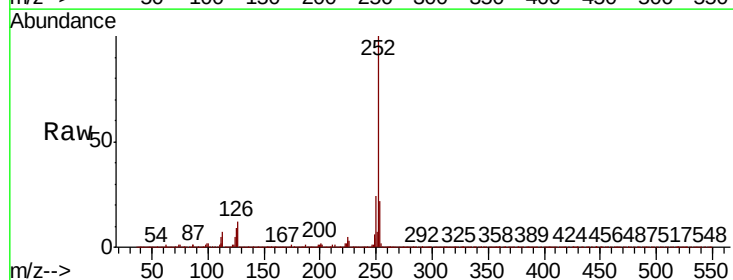
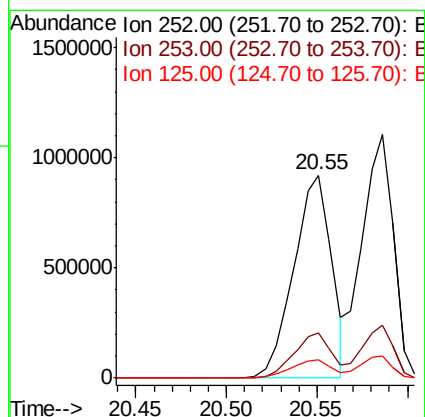
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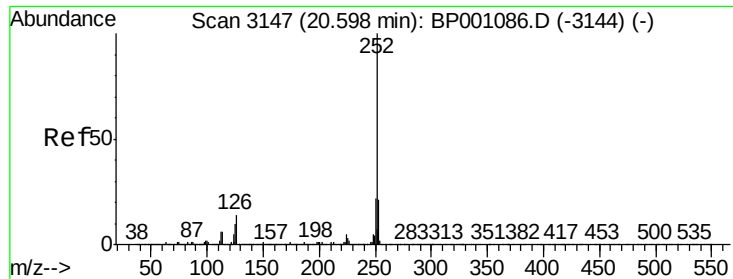
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#88  
Benzo(b)fluoranthene  
Concen: 48.332 ng  
RT: 20.55 min Scan# 3139  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.4  | 26.0  |
| 125     | 8.7   | 8.1   | 12.1  |





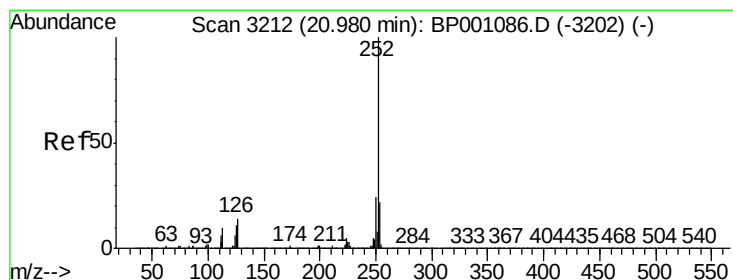
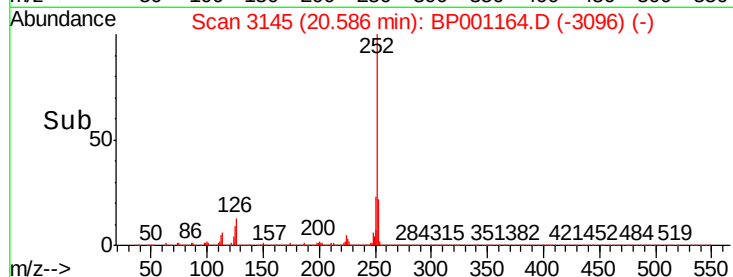
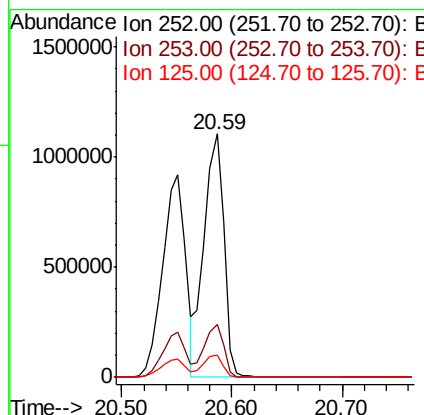
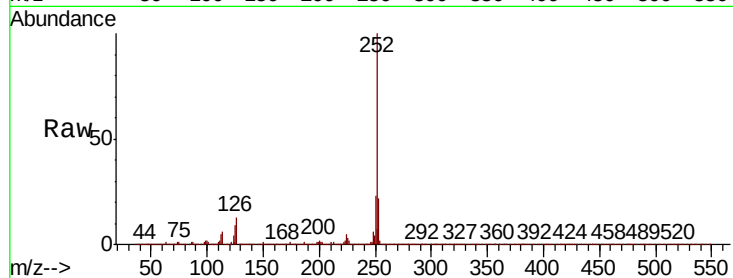
#89  
Benzo(k)fluoranthene  
Concen: 50.341 ng  
RT: 20.59 min Scan# 3145  
Delta R.T. -0.01 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampled :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.1  | 25.7  |
| 125     | 9.0   | 8.2   | 12.2  |

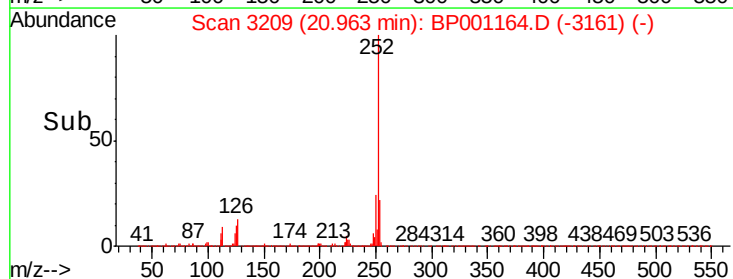
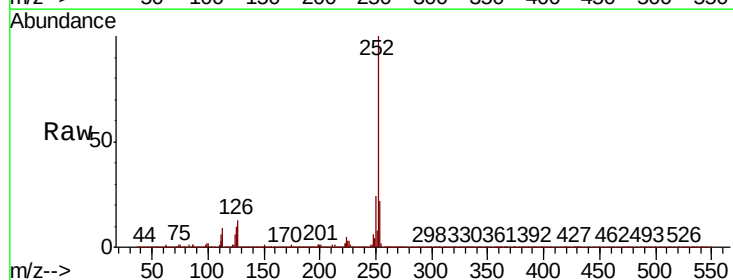
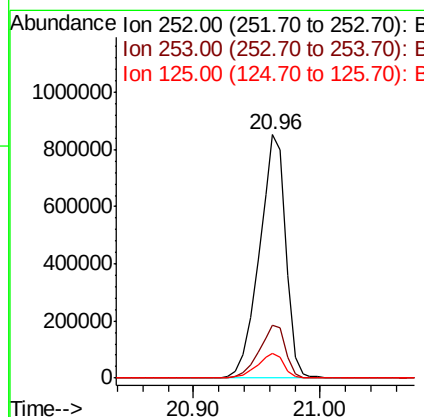
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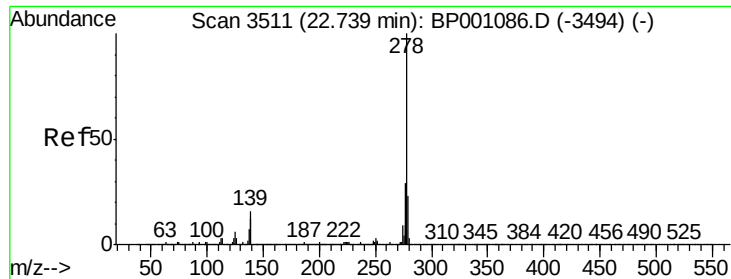
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#90  
Benzo(a)pyrene  
Concen: 48.212 ng  
RT: 20.96 min Scan# 3209  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.4  | 26.0  |
| 125     | 10.1  | 8.7   | 13.1  |





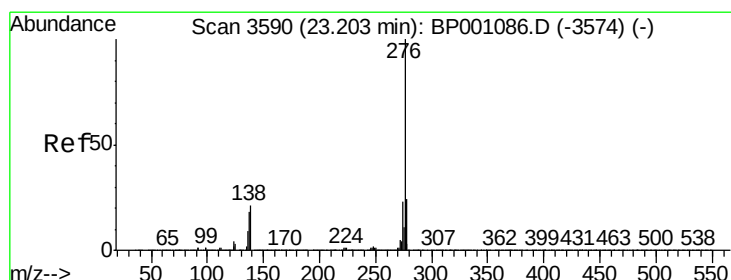
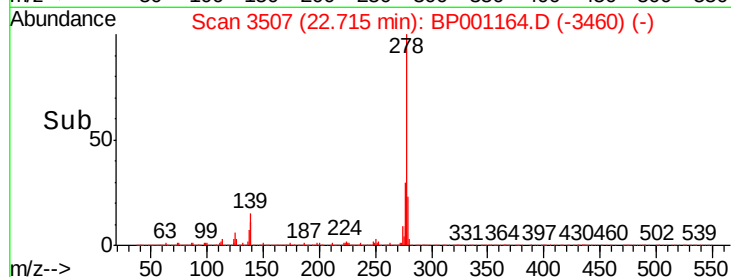
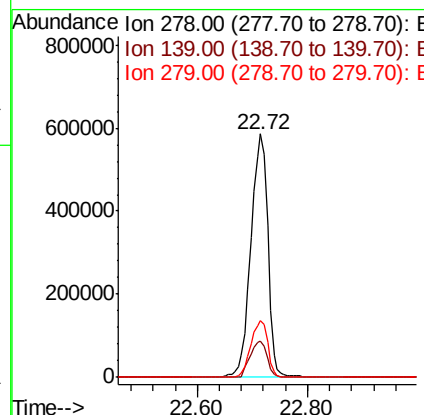
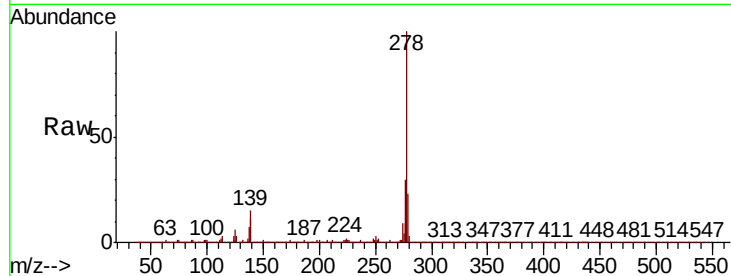
#91  
Dibenzo(a,h)anthracene  
Concen: 49.749 ng  
RT: 22.72 min Scan# 3507  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB125108BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.1  | 13.0  | 19.4  |
| 279     | 23.4  | 18.7  | 28.1  |

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#92  
Benzo(g,h,i)perylene  
Concen: 51.189 ng  
RT: 23.19 min Scan# 3587  
Delta R.T. -0.02 min  
Lab File: BP001164.D  
Acq: 03 Dec 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 19.2  | 28.8  |
| 138     | 19.6  | 17.2  | 25.8  |

