

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\  
 Data File : BF121190.D  
 Acq On : 5 Aug 2020 13:14  
 Operator : JU/CG  
 Sample : L3521-07MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-CDMS

Manual Integrations  
 APPROVED

mohammad  
 8/6/2020 1:21:00 PM

Quant Time: Aug 05 13:42:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 29 14:55:43 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 122022   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.08  | 136  | 480039   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.83  | 164  | 252038   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 496090   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 429100   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.42 | 264  | 488127   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.41  | 112 | 703053  | 94.45  | ng | 0.00  |
| 7) Phenol-d6             | 6.43  | 99  | 885465  | 92.09  | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 578864  | 69.78  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 284932  | 103.28 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.16  | 172 | 1077765 | 63.85  | ng | 0.00  |
| 79) Terphenyl-d14        | 12.91 | 244 | 1203379 | 60.96  | ng | 0.00  |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.49 | 88  | 125121  | 36.525 | ng | 99     |
| 3) Pyridine                    | 3.23 | 79  | 309819  | 33.998 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.17 | 42  | 166595  | 42.752 | ng | 96     |
| 6) Aniline                     | 6.46 | 93  | 441434  | 35.172 | ng | 95     |
| 8) 2-Chlorophenol              | 6.58 | 128 | 399925  | 48.773 | ng | 99     |
| 9) Benzaldehyde                | 6.34 | 77  | 248226  | 61.287 | ng | 99     |
| 10) Phenol                     | 6.45 | 94  | 478674  | 45.258 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 367739  | 45.368 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 380801  | 42.828 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.81 | 146 | 391036  | 44.228 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 379638  | 45.388 | ng | 99     |
| 15) Benzyl Alcohol             | 6.94 | 79  | 325724  | 47.904 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 494774  | 42.349 | ng | 98     |
| 17) 2-Methylphenol             | 7.06 | 107 | 321162  | 44.190 | ng | 99     |
| 18) Hexachloroethane           | 7.30 | 117 | 141393  | 44.185 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70  | 239514  | 43.808 | ng | 96     |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 370137  | 40.036 | ng | 96     |
| 22) Acetophenone               | 7.20 | 105 | 489200  | 45.408 | ng | 96     |
| 24) Nitrobenzene               | 7.38 | 77  | 397918  | 44.502 | ng | 100    |
| 25) Isophorone                 | 7.62 | 82  | 733951  | 44.328 | ng | 98     |
| 26) 2-Nitrophenol              | 7.70 | 139 | 219811  | 51.761 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.74 | 122 | 346465  | 50.250 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 464988  | 46.007 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.94 | 162 | 335920  | 47.678 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 343107  | 43.893 | ng | 99     |
| 31) Naphthalene                | 8.10 | 128 | 1091960 | 44.346 | ng | 100    |
| 32) Benzoic acid               | 7.88 | 122 | 239337  | 46.242 | ng | 98     |
| 33) 4-Chloroaniline            | 8.15 | 127 | 311921  | 28.396 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 193794  | 42.055 | ng | 98     |
| 35) Caprolactam                | 8.54 | 113 | 117235m | 51.888 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 355876  | 49.250 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.79 | 142 | 747859  | 46.775 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.89 | 142 | 703350  | 46.449 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 345837  | 47.095 | ng | 99     |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.95  | 237  | 325460   | 80.192 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.07  | 196  | 250382   | 48.426 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.12  | 196  | 268412   | 45.766 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.26  | 154  | 908807   | 47.271 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.28  | 162  | 699916   | 44.653 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.38  | 65   | 231358   | 48.841 | nq    | 97       |
| 49) Acenaphthylene             | 9.70  | 152  | 1141575  | 46.880 | nq    | 99       |
| 50) Dimethylphthalate          | 9.56  | 163  | 962920   | 52.957 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.63  | 165  | 195922   | 50.154 | nq    | 91       |
| 52) Acenaphthene               | 9.87  | 154  | 654312   | 42.264 | nq    | 100      |
| 53) 3-Nitroaniline             | 9.79  | 138  | 152992   | 31.227 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.91  | 184  | 213492   | 93.670 | nq    | 98       |
| 55) Dibenzofuran               | 10.05 | 168  | 1003354  | 44.817 | nq    | 98       |
| 56) 4-Nitrophenol              | 9.97  | 139  | 328941   | 88.385 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.03 | 165  | 253372   | 49.390 | nq    | 92       |
| 58) Fluorene                   | 10.39 | 166  | 748541   | 44.830 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 224461   | 50.266 | nq    | 99       |
| 60) Diethylphthalate           | 10.26 | 149  | 856256   | 46.557 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204  | 368777   | 41.408 | nq    | 99       |
| 62) 4-Nitroaniline             | 10.42 | 138  | 222008   | 46.518 | nq    | 99       |
| 63) Azobenzene                 | 10.54 | 77   | 787885   | 44.999 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 148228   | 51.336 | nq    | 89       |
| 66) n-Nitrosodiphenylamine     | 10.50 | 169  | 717099   | 45.950 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.87 | 248  | 247367   | 44.724 | nq    | 95       |
| 68) Hexachlorobenzene          | 10.93 | 284  | 284320   | 47.520 | nq    | # 91     |
| 69) Atrazine                   | 11.03 | 200  | 210089   | 54.358 | nq    | 99       |
| 70) Pentachlorophenol          | 11.13 | 266  | 317132   | 92.522 | nq    | 99       |
| 71) Phenanthrene               | 11.35 | 178  | 1156295  | 45.320 | nq    | 100      |
| 72) Anthracene                 | 11.40 | 178  | 1194544  | 46.626 | nq    | 100      |
| 73) Carbazole                  | 11.56 | 167  | 1158149  | 45.551 | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 1336353  | 45.546 | nq    | 99       |
| 75) Fluoranthene               | 12.54 | 202  | 1336399  | 47.255 | nq    | 98       |
| 77) Benzidine                  | 12.66 | 184  | 582122   | 51.598 | nq    | 98       |
| 78) Pyrene                     | 12.77 | 202  | 1367298  | 45.070 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.38 | 149  | 626046   | 46.291 | nq    | 94       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 1248251  | 48.039 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 426829   | 43.540 | nq    | 98       |
| 83) Chrysene                   | 14.00 | 228  | 1242353  | 45.496 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 796518   | 47.762 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 1498909  | 45.177 | nq    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.86 | 276  | 1564262  | 46.079 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 1540510  | 52.211 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 1138855  | 42.323 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.36 | 252  | 1267384  | 47.080 | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.87 | 278  | 1259988  | 45.438 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.30 | 276  | 1319448  | 48.258 | nq    | 98       |

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





#1

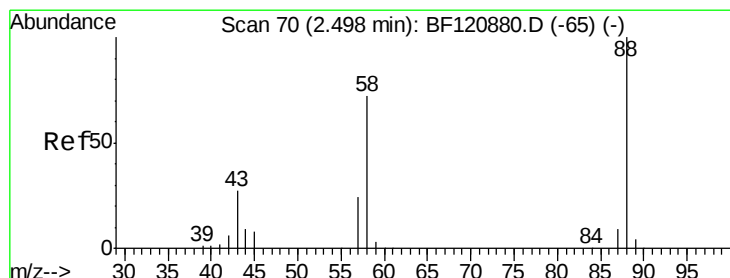
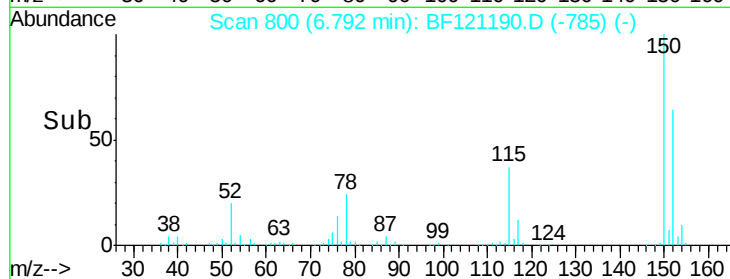
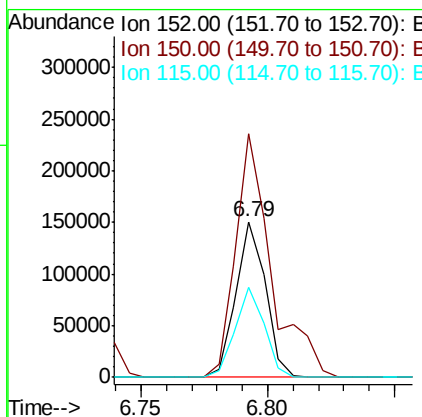
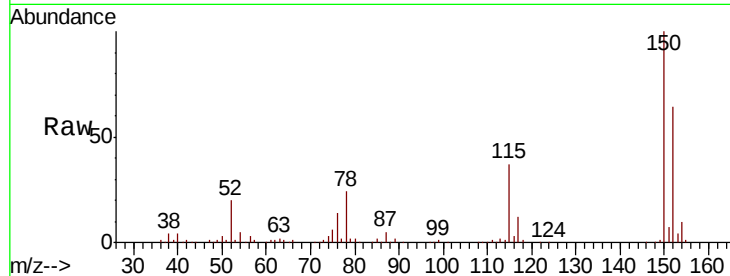
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 800  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.2 | 125.6 | 188.4 |
| 115     | 58.0  | 46.2  | 69.2  |

Manual Integrations  
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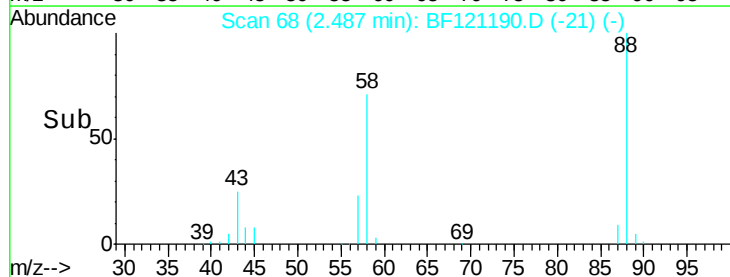
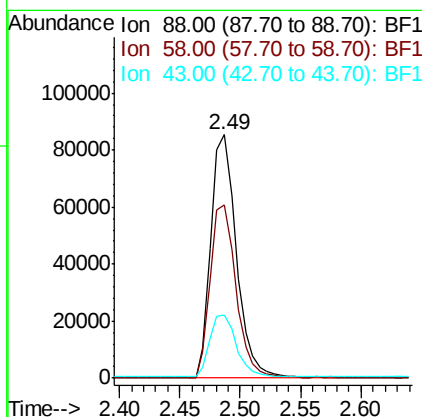
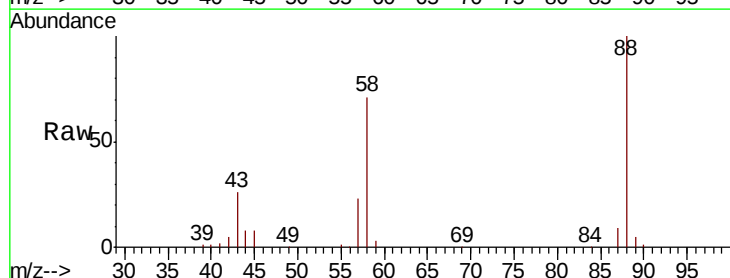
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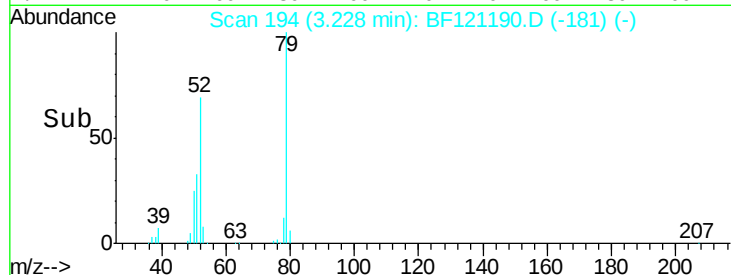
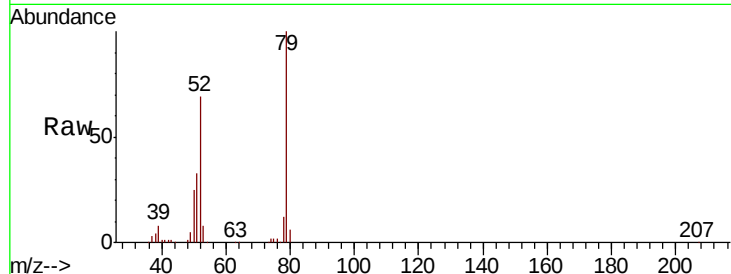
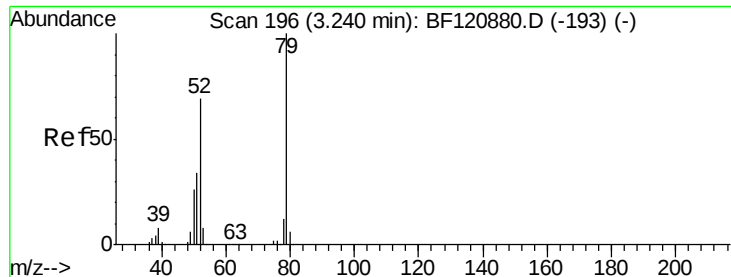


#2

1,4-Dioxane  
Concen: 36.525 ng  
RT: 2.49 min Scan# 68  
Delta R.T. -0.02 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 72.3  | 58.2  | 87.4  |
| 43      | 26.3  | 21.3  | 31.9  |





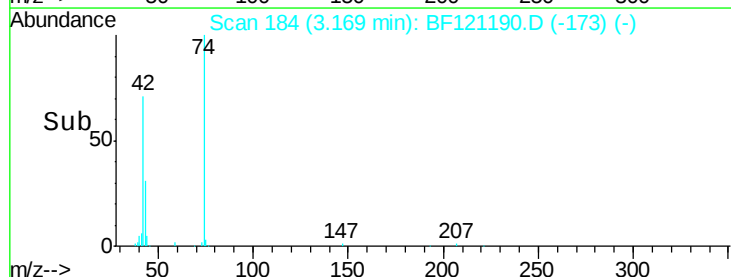
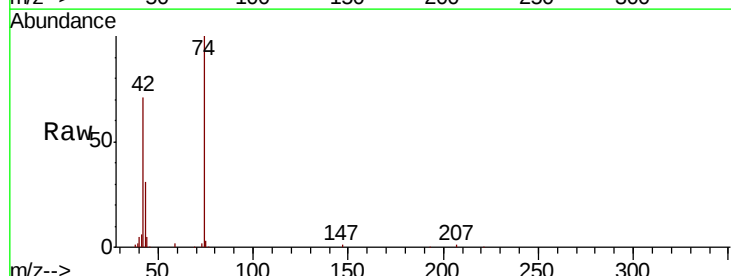
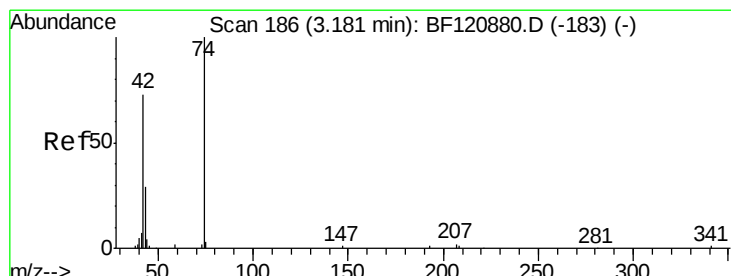
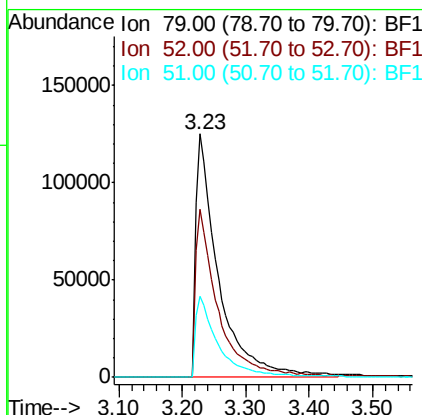
#3  
Pvridine  
Concen: 33.998 ng  
RT: 3.23 min Scan# 194  
Delta R.T. -0.02 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tot Ion | 79    | Resp  | 309819 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 79      | 100   |       |        |
| 52      | 68.9  | 54.9  | 82.3   |
| 51      | 33.1  | 27.4  | 41.0   |

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

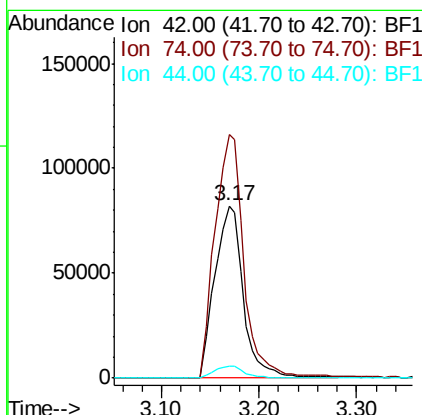
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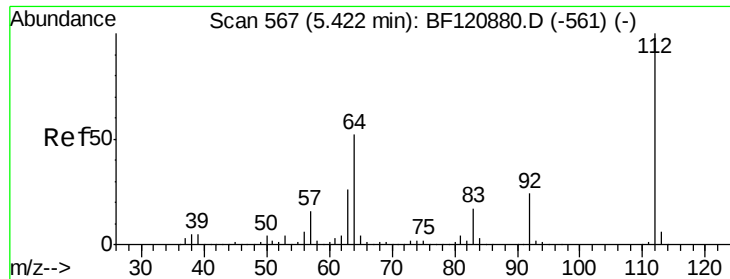
mohammad  
8/6/2020 1:21:00 PM



#4  
n-Nitrosodimethylamine  
Concen: 42.752 ng  
RT: 3.17 min Scan# 184  
Delta R.T. -0.04 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | 42    | Resp  | 166595 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 42      | 100   |       |        |
| 74      | 141.2 | 117.3 | 175.9  |
| 44      | 7.2   | 5.9   | 8.9    |





#5

2-Fluorophenol

Concen: 94.455 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

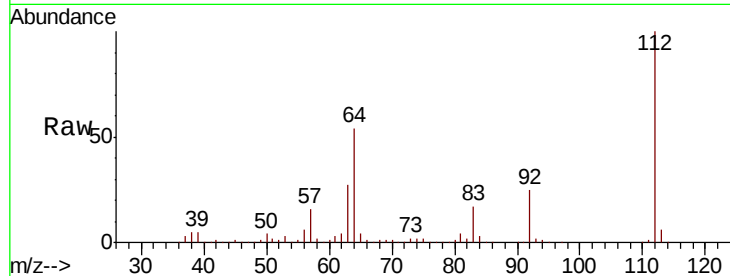
ClientSampleId :

COMP-CDMS

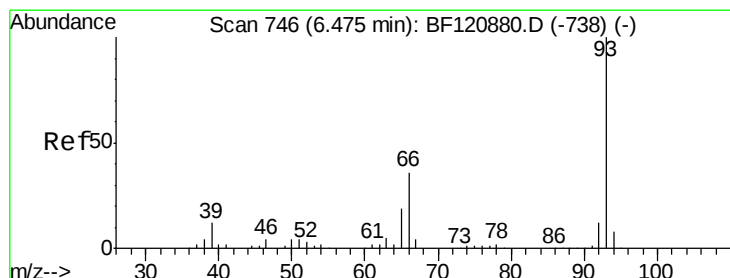
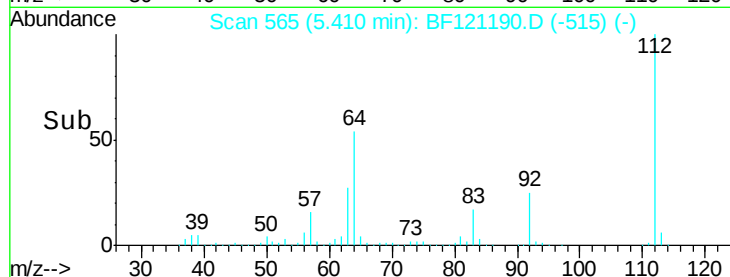
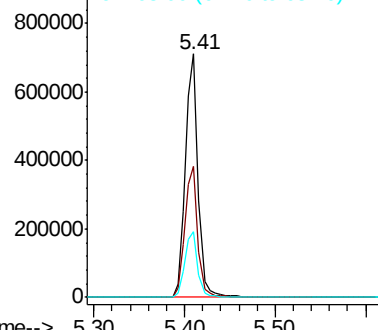
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 703053 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 53.7  | 43.9  | 65.9   |
| 63        | 27.1  | 22.7  | 34.1   |

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Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.172 ng

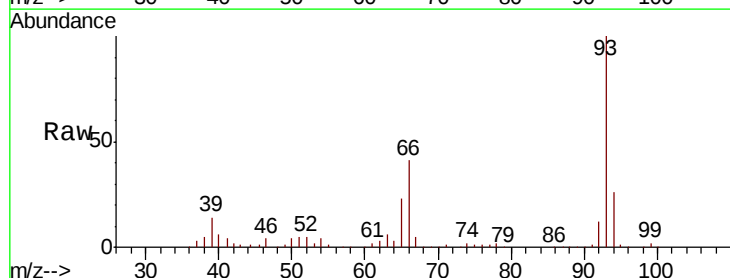
RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

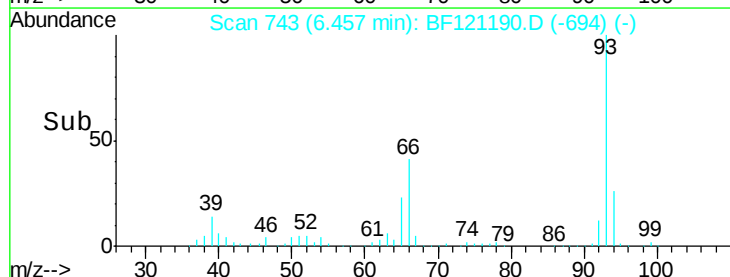
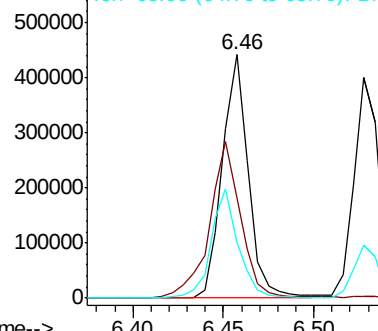
Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 441434 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.2  | 31.0  | 46.4   |
| 65        | 22.8  | 16.2  | 24.4   |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.094 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

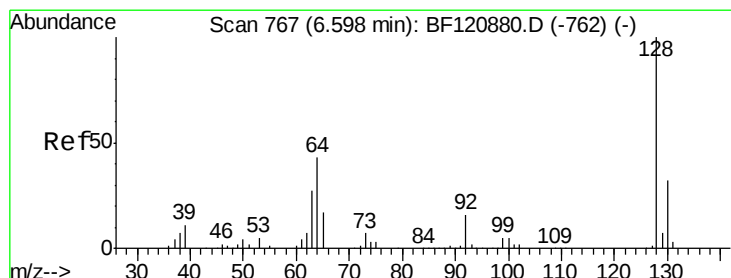
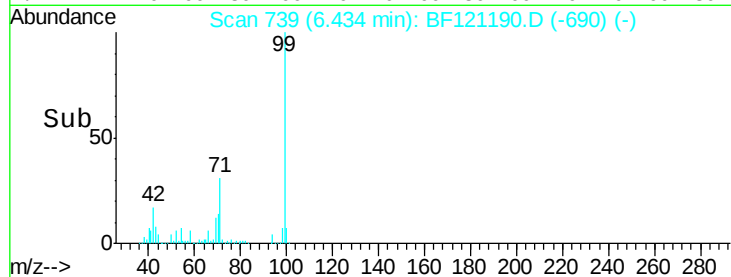
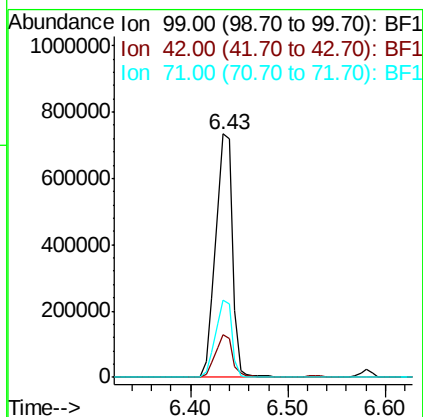
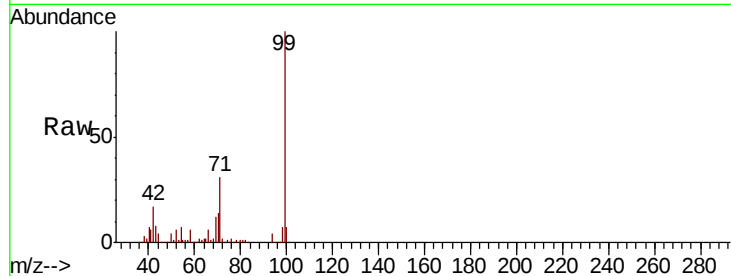
ClientSampleId :

COMP-CDMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 885465 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.3  | 13.5  | 20.3   |
| 71        | 31.5  | 25.0  | 37.4   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 48.773 ng

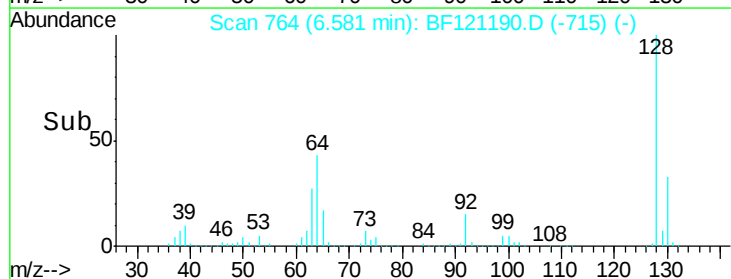
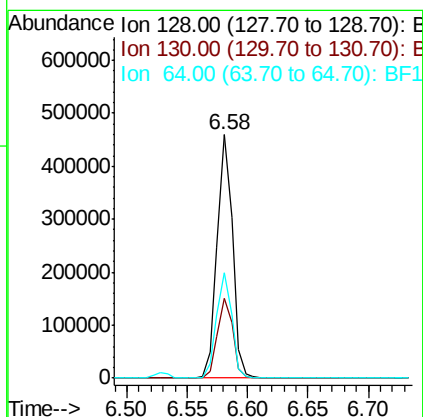
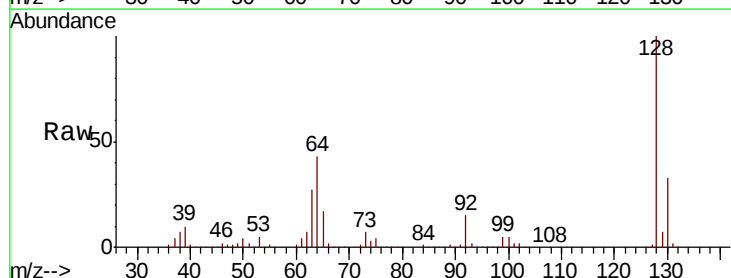
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 399925 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.5  | 12.7  | 52.7   |
| 64        | 43.3  | 23.8  | 63.8   |





#9

Benzaldehyde

Concen: 61.287 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

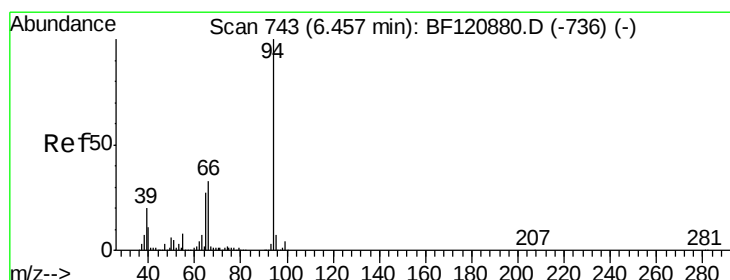
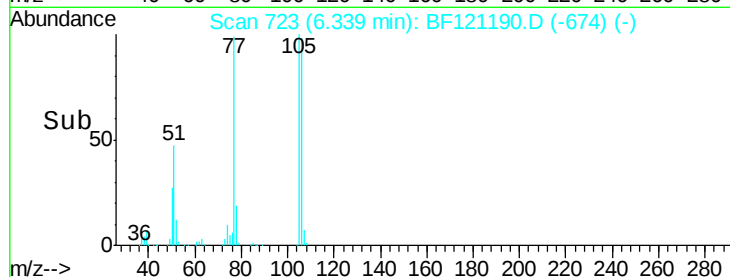
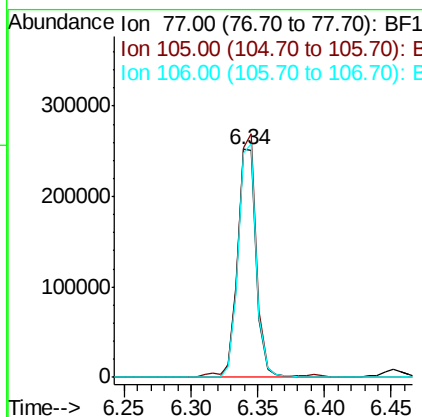
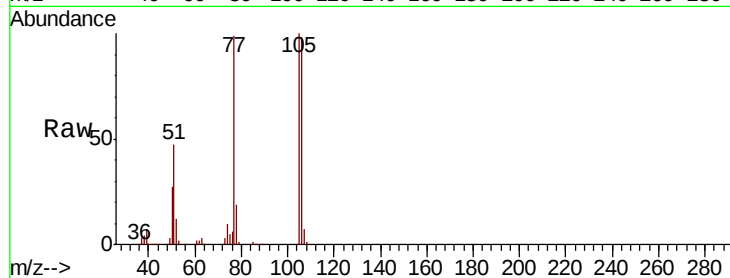
ClientSampleId :

COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 100.5 | 82.4  | 122.4 |
| 106     | 98.3  | 78.9  | 118.9 |

Manual Integrations  
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#10

Phenol

Concen: 45.258 ng

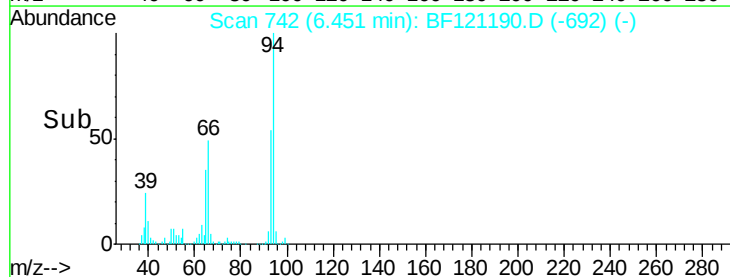
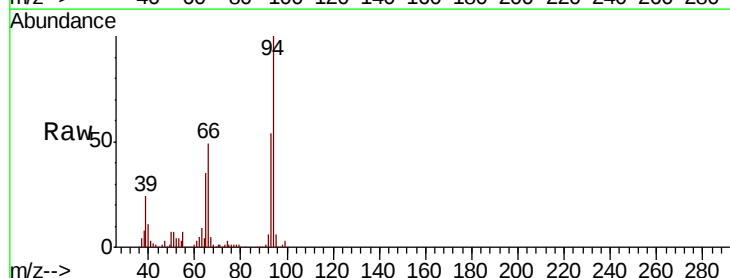
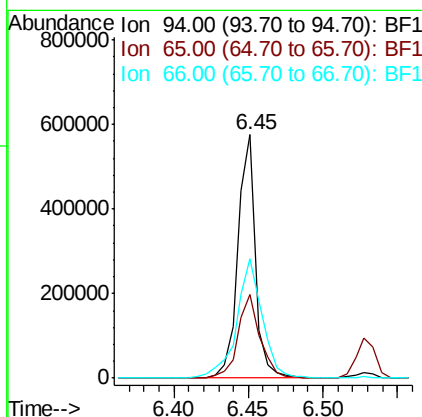
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 34.5  | 12.6  | 52.6  |
| 66      | 49.3  | 25.6  | 65.6  |





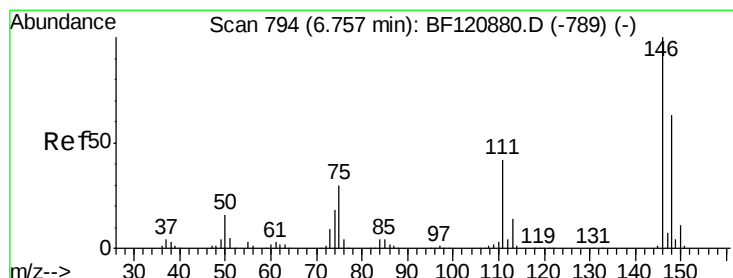
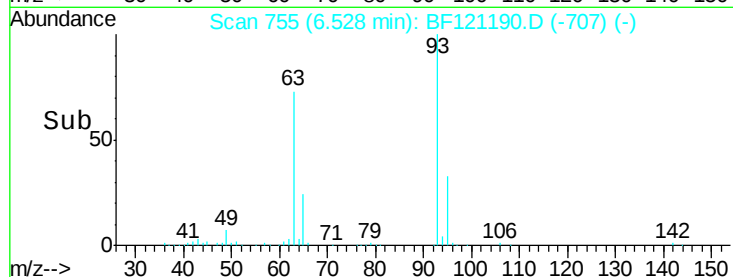
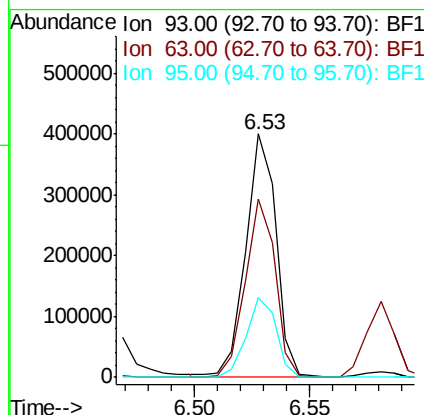
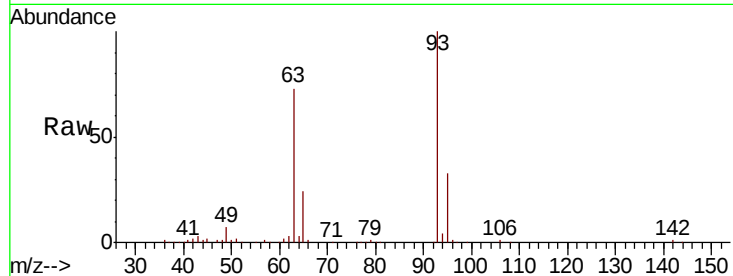
#11  
bis(2-Chloroethyl)ether  
Concen: 45.368 ng  
RT: 6.53 min Scan# 755  
Delta R.T. -0.02 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 367739 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 73.4  | 51.9  | 91.9   |
| 95       | 32.6  | 13.2  | 53.2   |

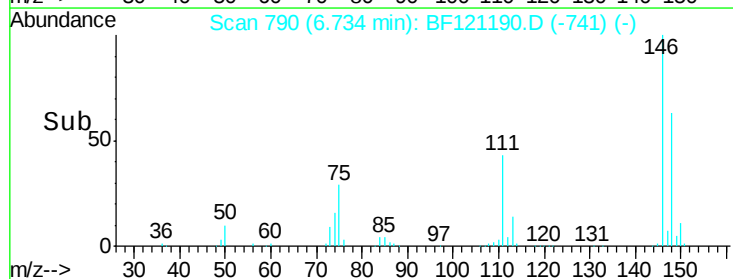
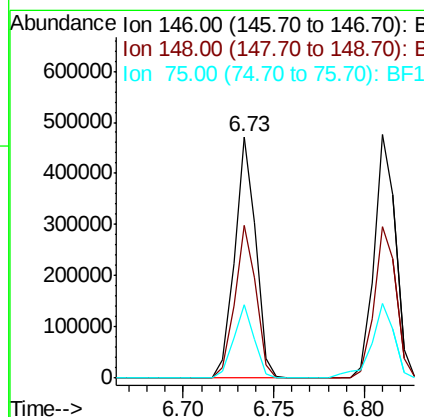
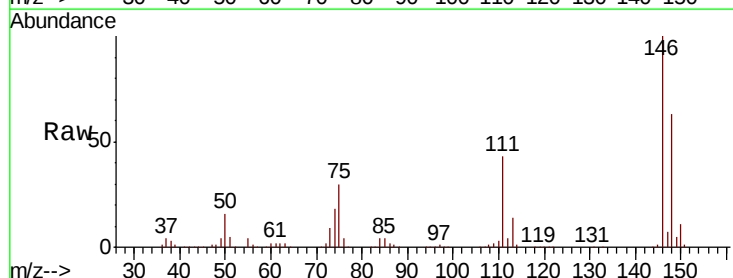
Manual Integrations  
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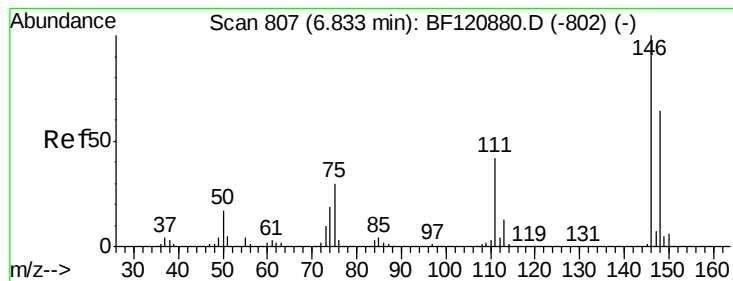
mohammad  
8/6/2020 1:21:00 PM



#12  
1,3-Dichlorobenzene  
Concen: 42.828 ng  
RT: 6.73 min Scan# 790  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 380801 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.3  | 51.7  | 77.5   |
| 75       | 30.3  | 23.8  | 35.6   |





#13

1,4-Dichlorobenzene

Concen: 44.228 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

ClientSampleId :

COMP-CDMS

Tot Ion:146 Resp: 391036

Ion Ratio Lower Upper

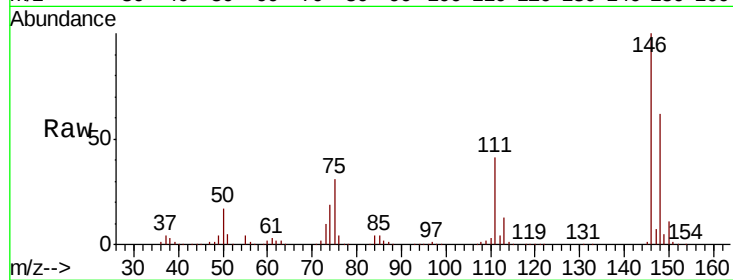
146 100

148 62.3 50.5 75.7

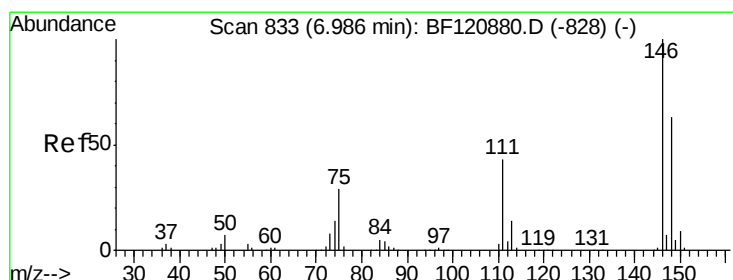
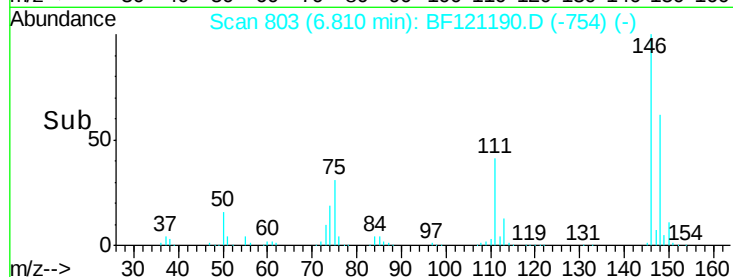
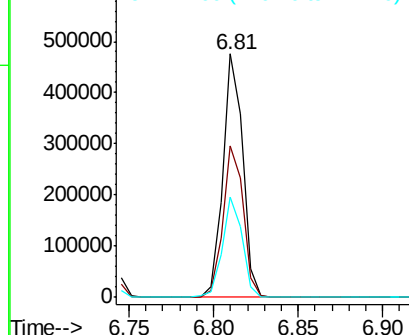
111 41.0 32.8 49.2

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Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.388 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

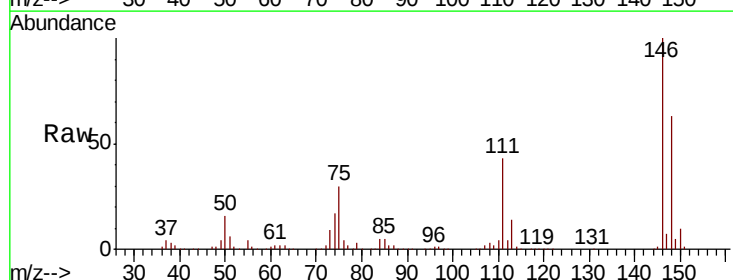
Tgt Ion:146 Resp: 379638

Ion Ratio Lower Upper

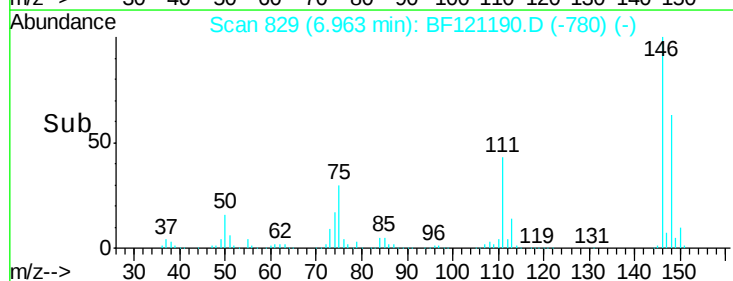
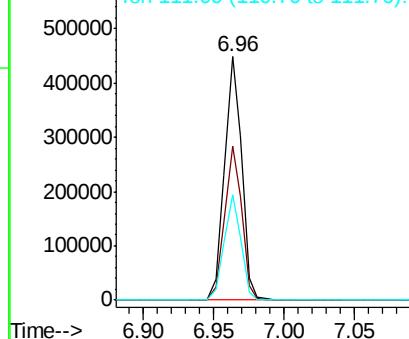
146 100

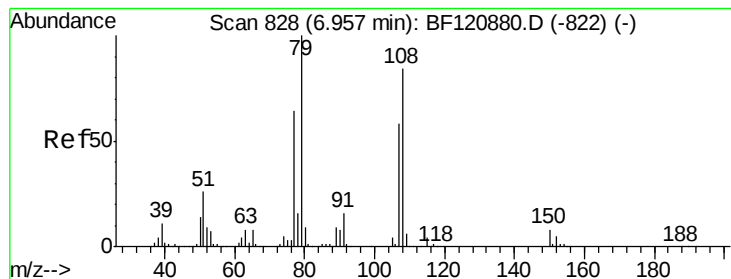
148 63.4 50.8 76.2

111 43.2 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.904 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

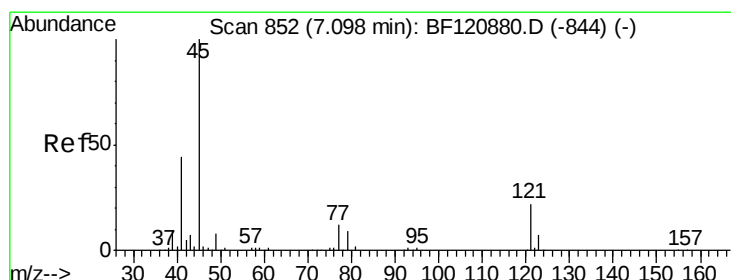
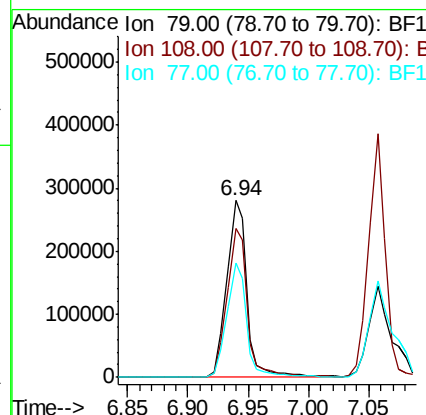
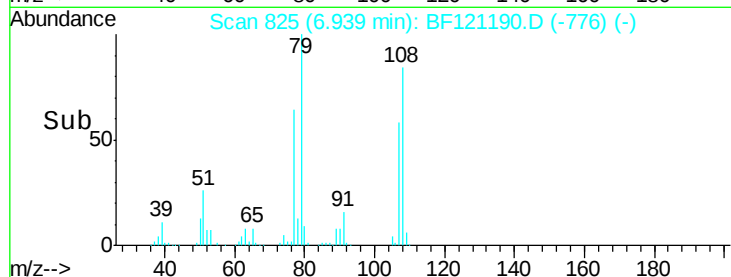
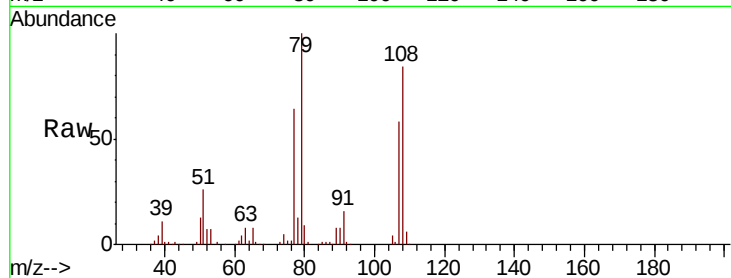
ClientSampleId :

COMP-CDMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 325724 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 83.9  | 68.6  | 103.0  |
| 77       | 64.3  | 51.4  | 77.2   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.349 ng

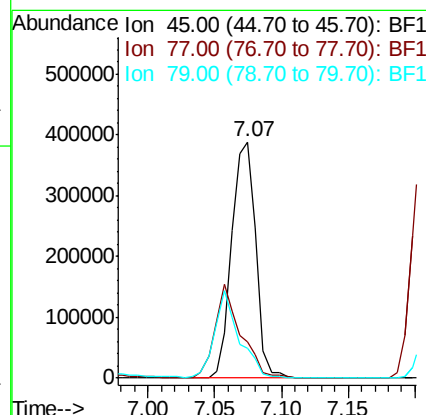
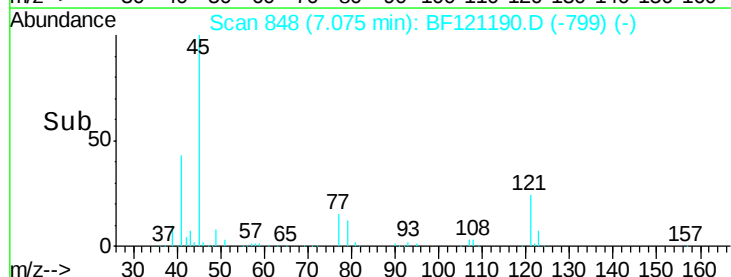
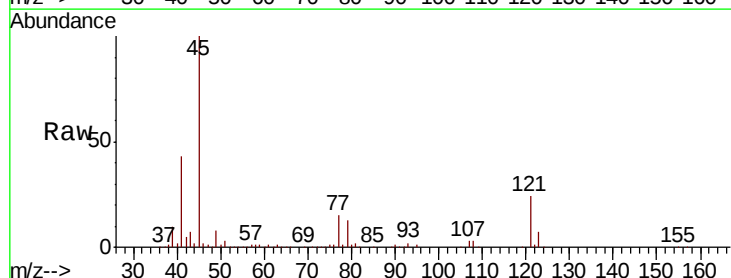
RT: 7.07 min Scan# 848

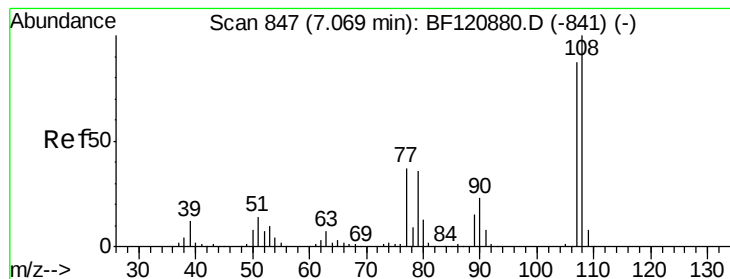
Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 494774 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 15.4  | 0.0   | 34.7   |
| 79       | 12.9  | 0.0   | 32.0   |





#17

2-Methylphenol

Concen: 44.190 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

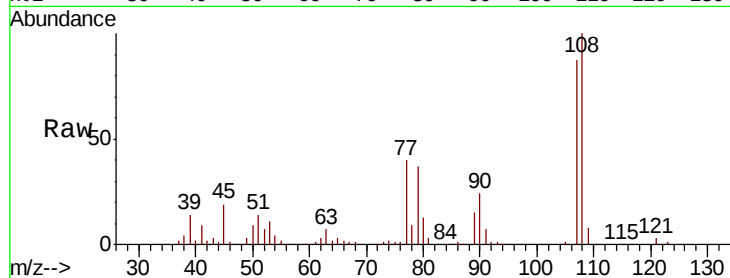
ClientSampleId :

COMP-CDMS

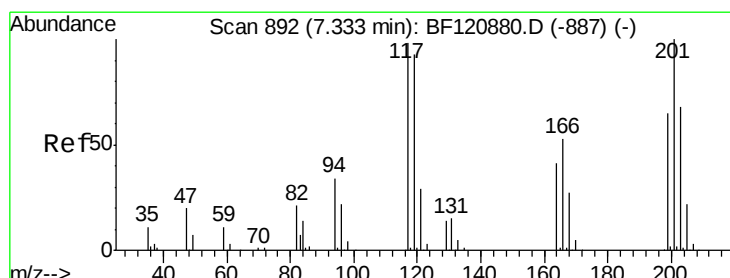
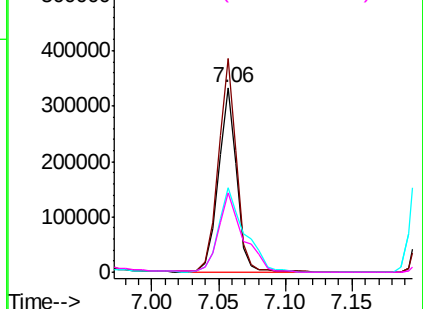
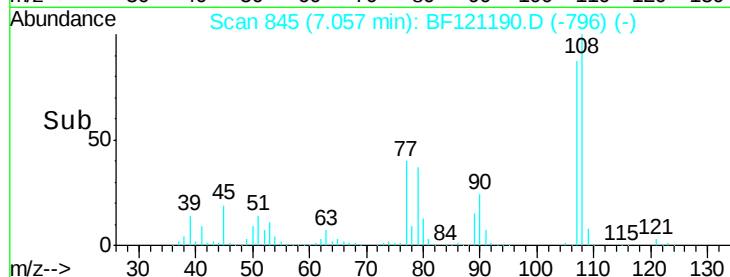
| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |       |
| 108     | 115.5 | 91.2  | 136.8 |       |       |
| 77      | 46.0  | 36.5  | 54.7  |       |       |
| 79      | 43.2  | 35.0  | 52.6  |       |       |

Manual Integrations  
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Abundance Ion 107.00 (106.70 to 107.70): E  
600000  
Ion 108.00 (107.70 to 108.70): E  
500000  
Ion 77.00 (76.70 to 77.30): BF1  
Ion 79.00 (78.70 to 79.30): BF1



#18

Hexachloroethane

Concen: 44.185 ng

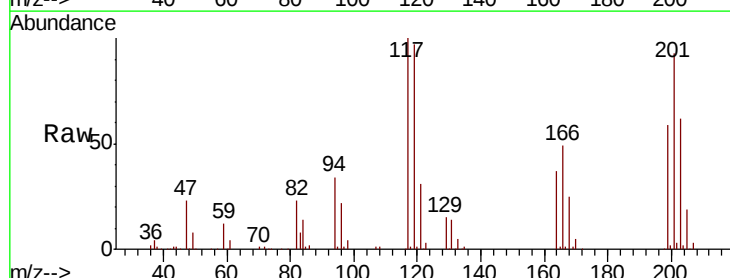
RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

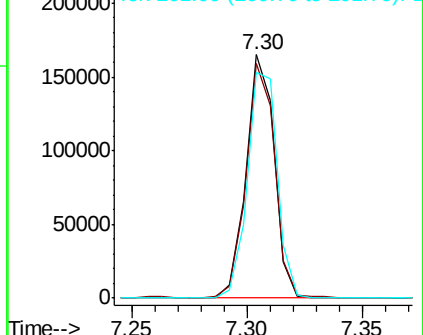
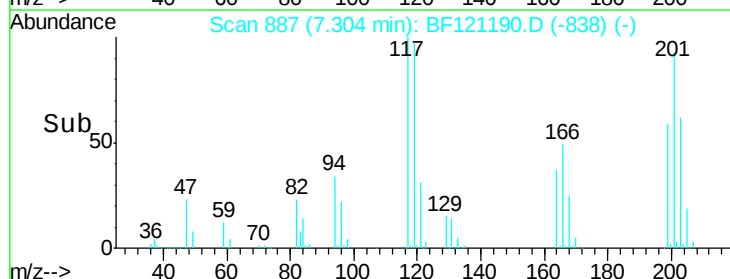
Lab File: BF121190.D

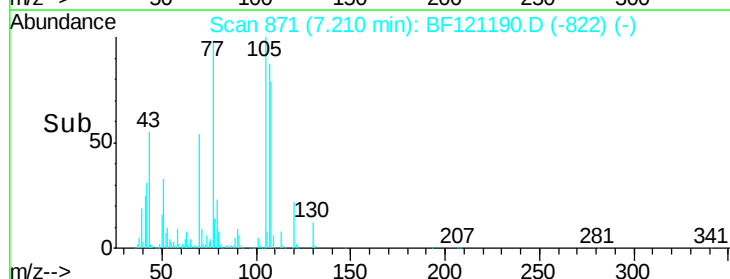
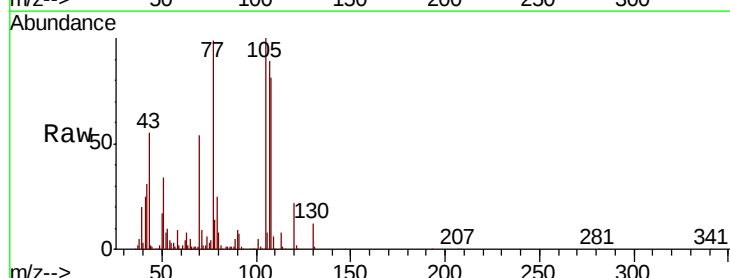
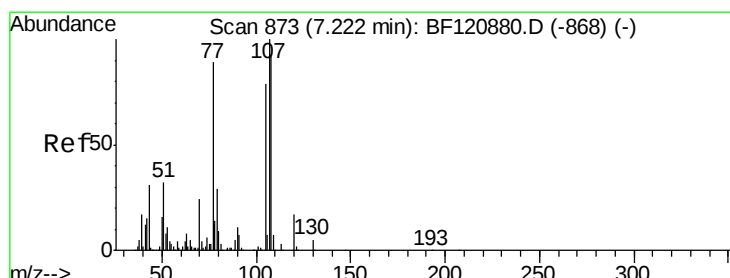
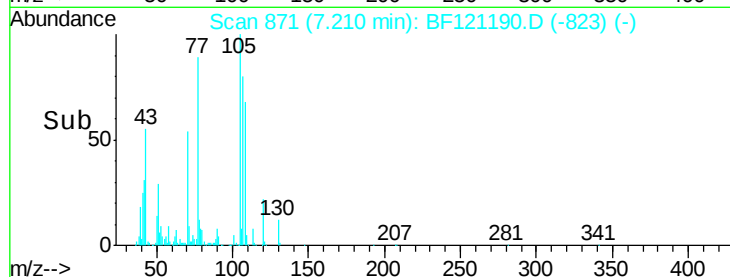
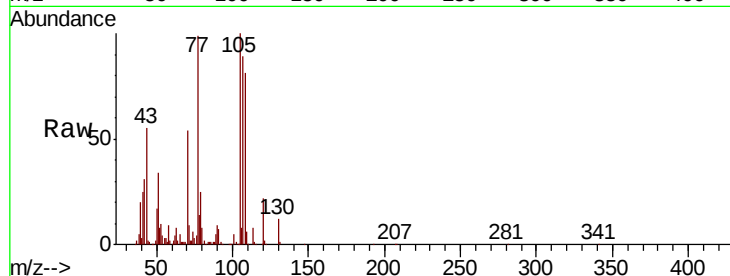
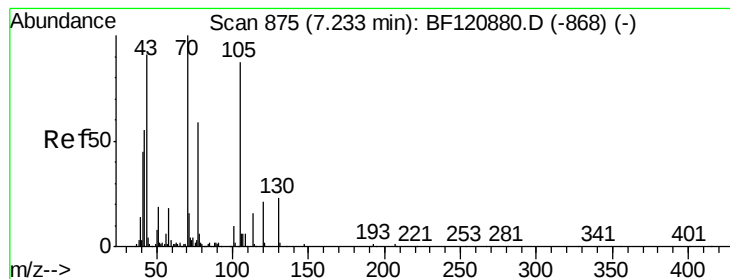
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 117     | 100  |       |       |       |       |
| 119     | 96.6 | 76.6  | 114.8 |       |       |
| 201     | 92.8 | 75.0  | 112.4 |       |       |



Abundance Ion 117.00 (116.70 to 117.70): E  
200000  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.808 ng

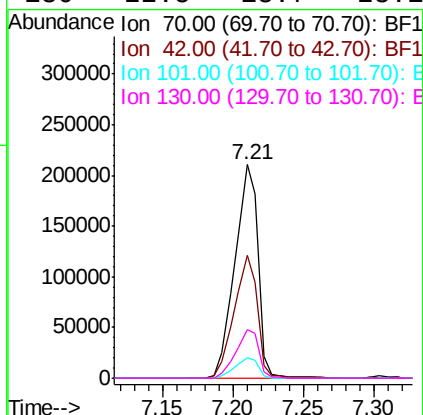
RT: 7.21 min Scan# 871

Delta R.T. -0.02 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 57.5 | 43.3  | 64.9  |       |
| 101     | 9.4  | 8.4   | 12.6  |       |
| 130     | 22.5 | 18.7  | 28.1  |       |



Instrument :

BNA\_F

ClientSampleId :

COMP-CDMS

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#20

3+4-Methylphenols

Concen: 40.036 ng

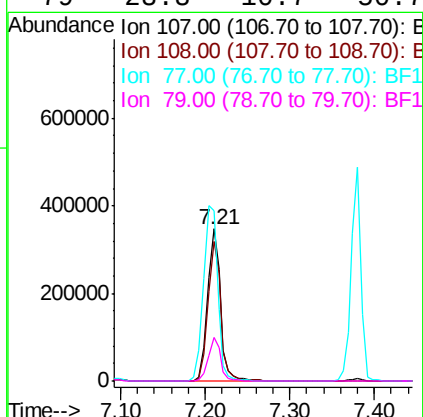
RT: 7.21 min Scan# 871

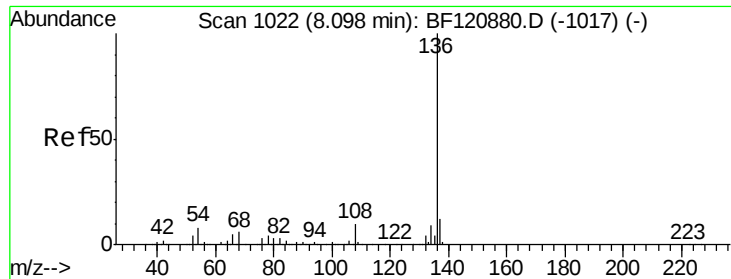
Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |
| 108     | 91.9  | 73.7  | 113.7 |       |
| 77      | 112.2 | 84.9  | 124.9 |       |
| 79      | 28.8  | 10.7  | 50.7  |       |





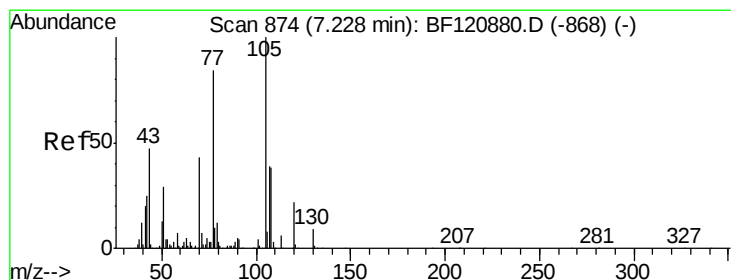
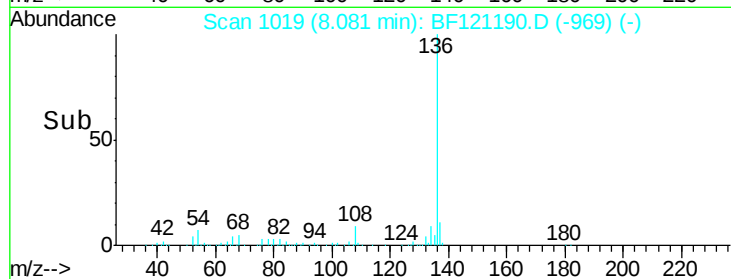
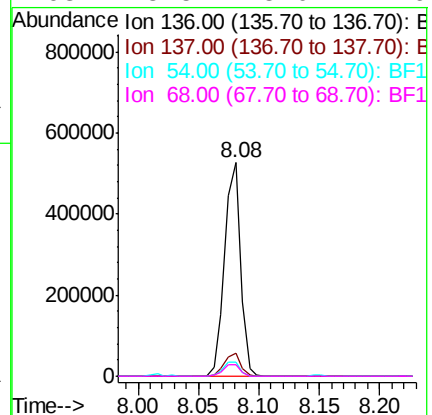
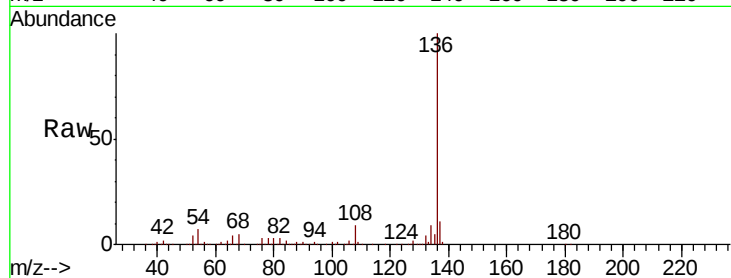
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 480039 |       |       |
| 137     | 10.8  |        | 9.0   | 13.4  |
| 54      | 6.7   |        | 6.1   | 9.1   |
| 68      | 5.5   |        | 5.0   | 7.6   |

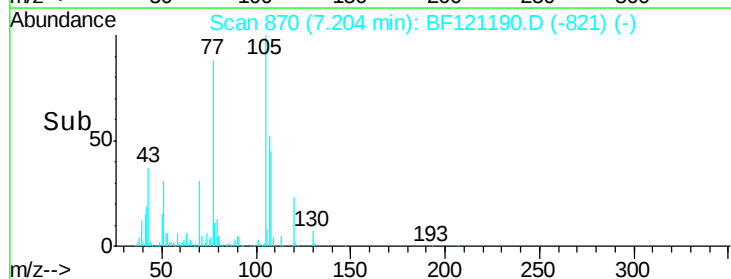
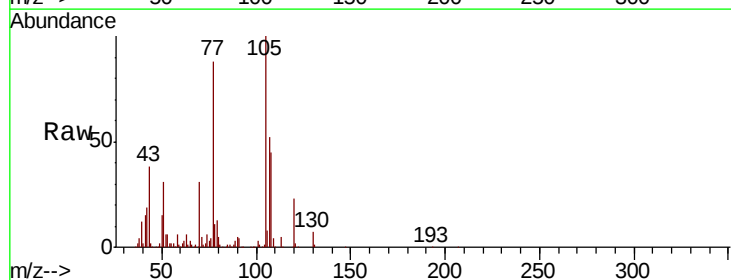
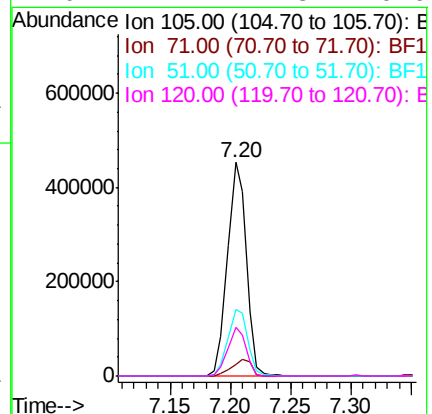
Manual Integrations  
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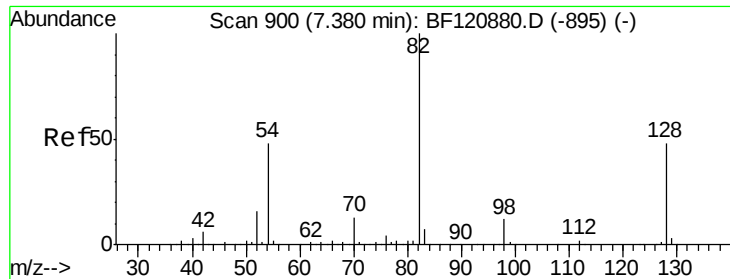
mohammad  
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#22  
Acetophenone  
Concen: 45.408 ng  
RT: 7.20 min Scan# 870  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 489200 |       |       |
| 71      | 5.4   |        | 3.8   | 5.8   |
| 51      | 31.2  |        | 28.0  | 42.0  |
| 120     | 22.7  |        | 17.8  | 26.6  |





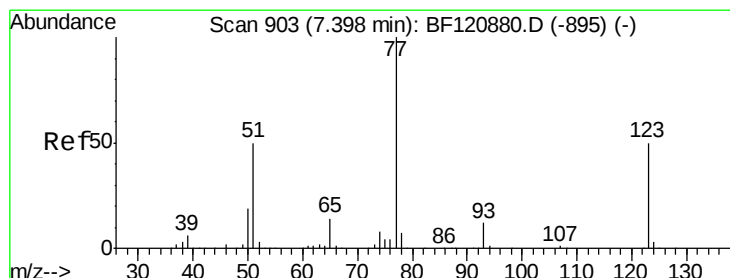
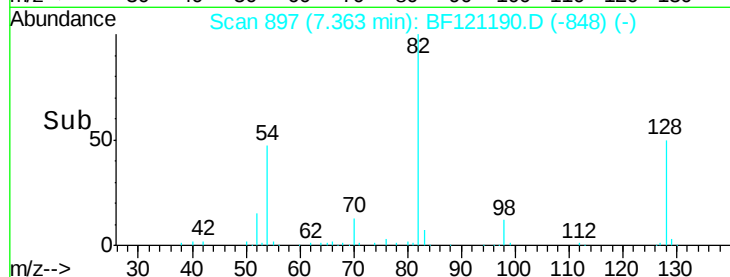
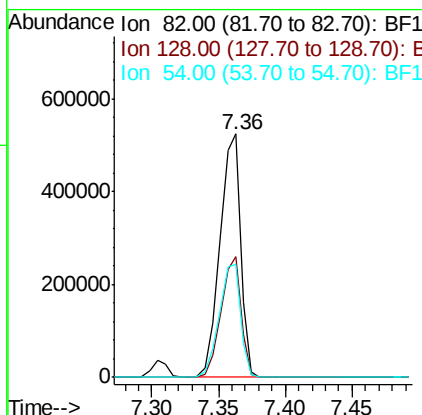
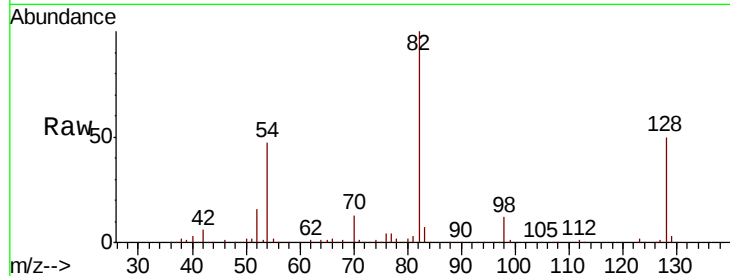
#23  
 Nitrobenzene-d5  
 Concen: 69.775 ng  
 RT: 7.36 min Scan# 897  
 Delta R.T. -0.01 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-CDMS

| Tot Ion   | 82   | Resp  | 578864 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 49.8 | 39.2  | 58.8   |
| 54        | 46.7 | 37.8  | 56.8   |

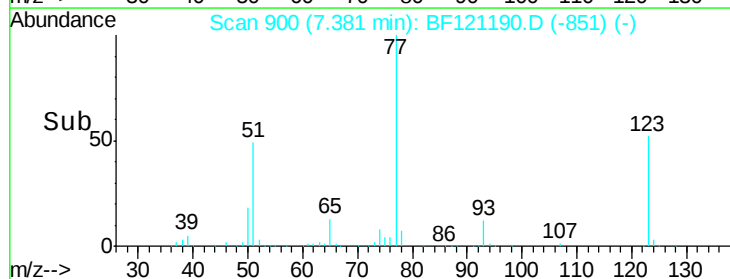
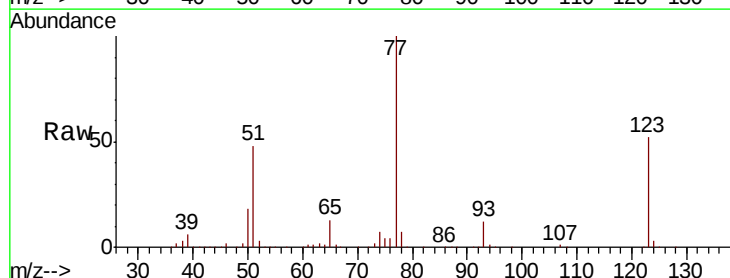
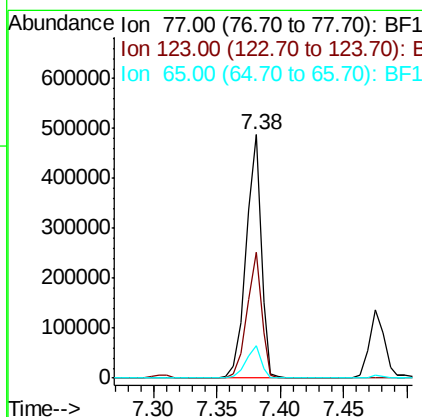
Manual Integrations  
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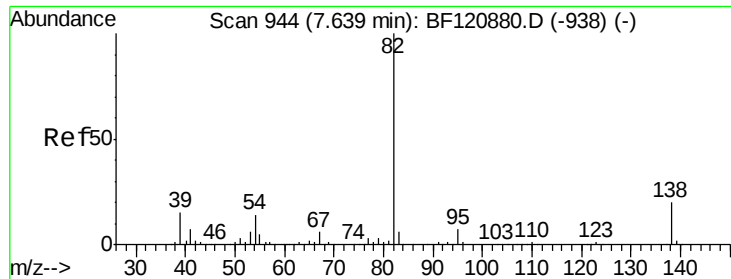
mohammad  
 8/6/2020 1:21:00 PM



#24  
 Nitrobenzene  
 Concen: 44.502 ng  
 RT: 7.38 min Scan# 900  
 Delta R.T. -0.01 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

| Tgt Ion   | 77   | Resp  | 397918 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 51.6 | 41.0  | 61.6   |
| 65        | 13.2 | 10.3  | 15.5   |





#25

Isophorone

Concen: 44.328 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

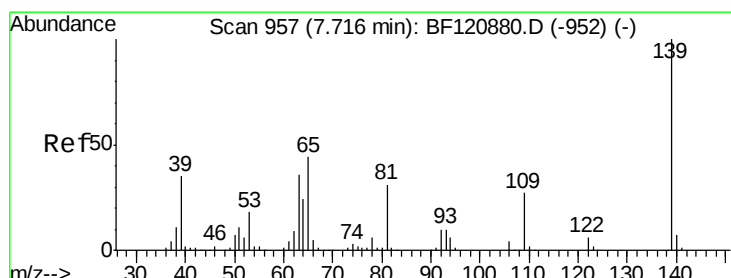
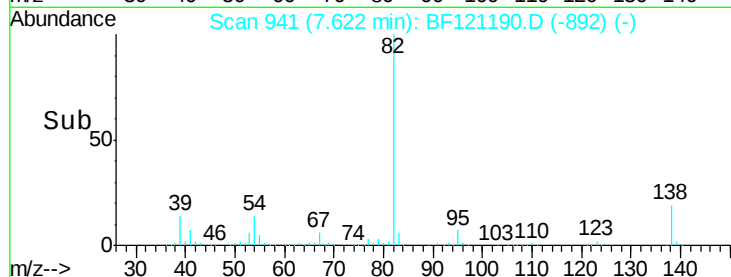
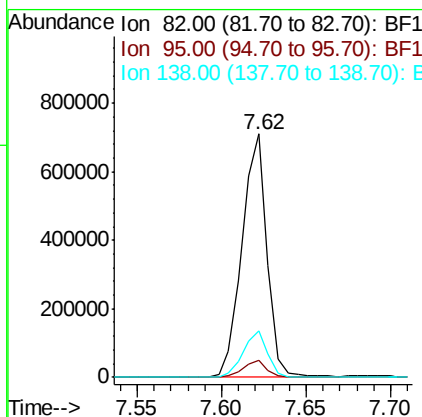
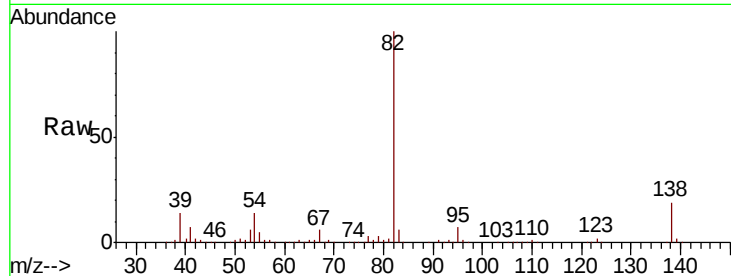
ClientSampleId :

COMP-CDMS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 733951 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.8  | 5.5   | 8.3    |
| 138       | 19.2 | 16.2  | 24.2   |

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#26

2-Nitrophenol

Concen: 51.761 ng

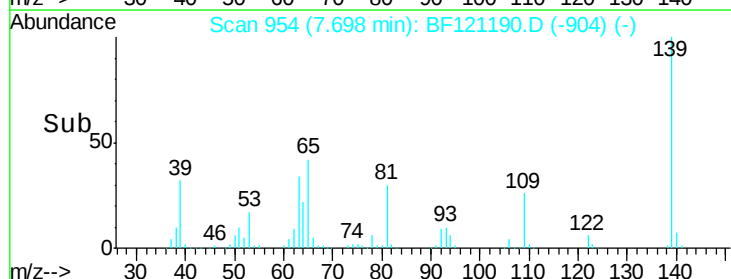
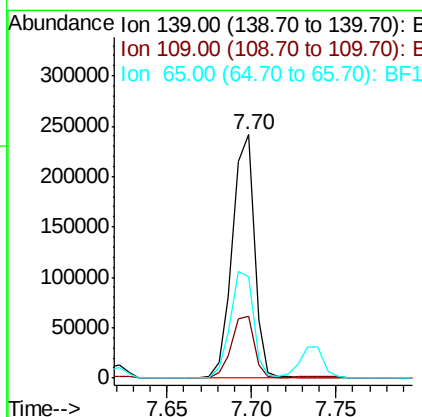
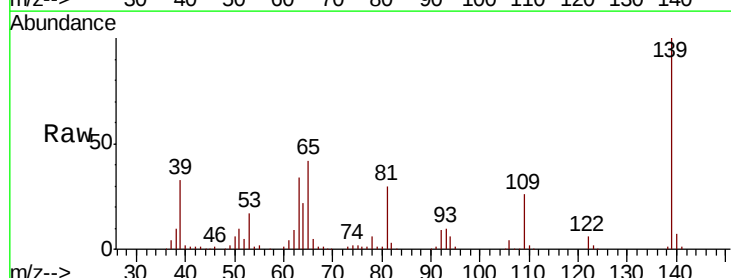
RT: 7.70 min Scan# 954

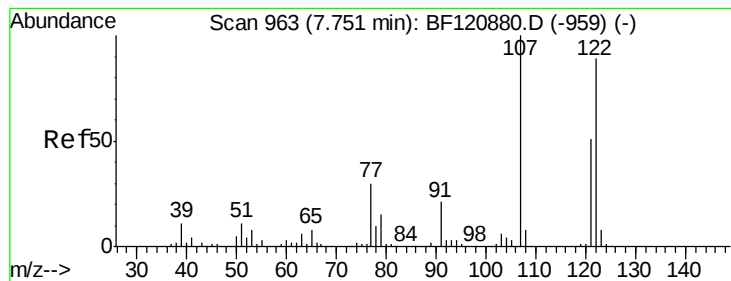
Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 219811 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 25.6 | 21.7  | 32.5   |
| 65        | 41.7 | 36.3  | 54.5   |





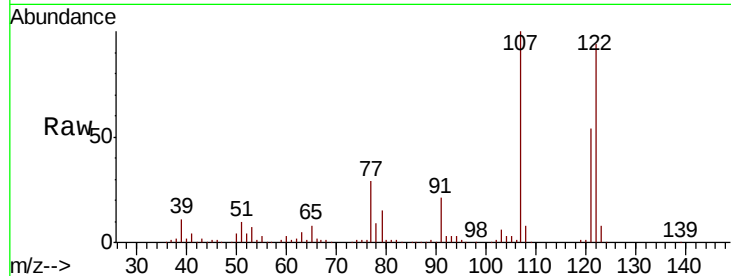
#27  
2,4-Dimethylphenol  
Concen: 50.250 ng  
RT: 7.74 min Scan# 961  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

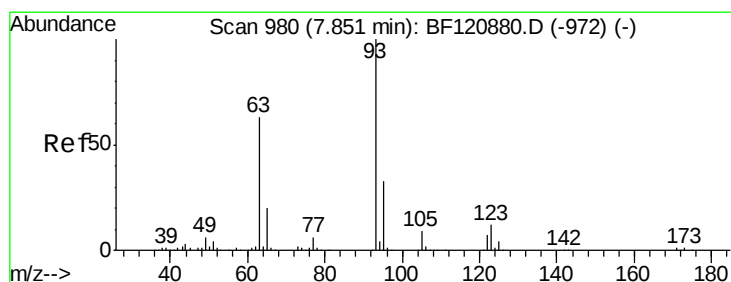
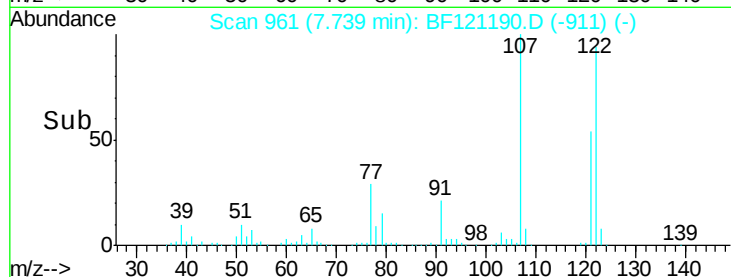
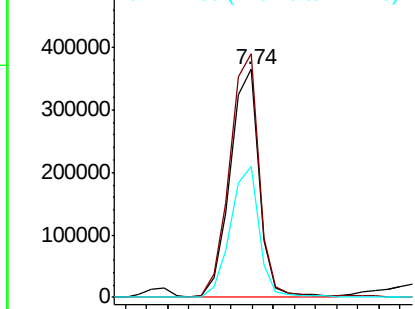
| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |       |
| 107     | 106.9 | 87.1  | 130.7 |       |       |
| 121     | 57.4  | 45.5  | 68.3  |       |       |

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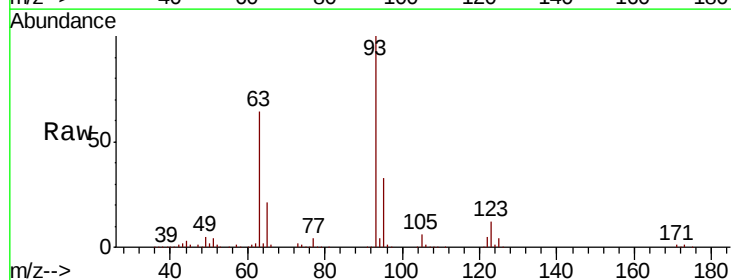


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

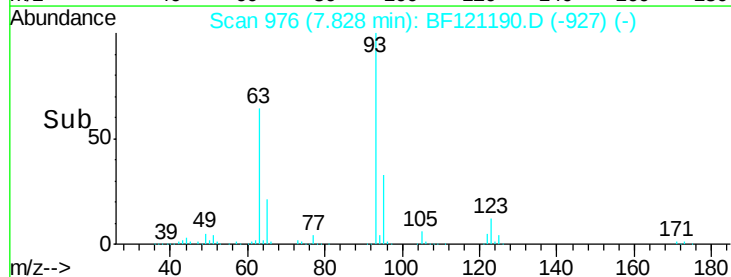
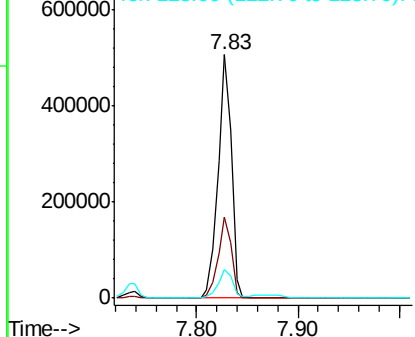


#28  
bis(2-Chloroethoxy)methane  
Concen: 46.007 ng  
RT: 7.83 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 93      | 100  |       |      |       |       |
| 95      | 33.3 | 26.2  | 39.4 |       |       |
| 123     | 11.7 | 9.5   | 14.3 |       |       |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 123.00 (122.70 to 123.70): E





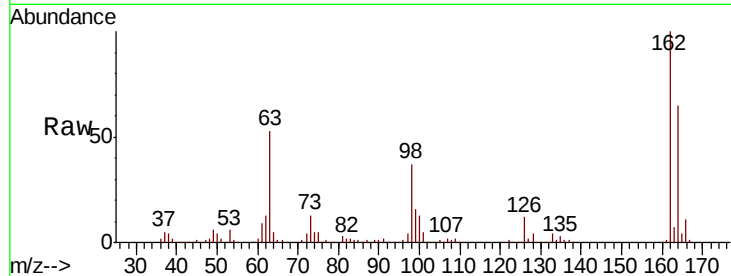
#29  
 2,4-Dichlorophenol  
 Concen: 47.678 ng  
 RT: 7.94 min Scan# 995  
 Delta R.T. -0.01 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-CDMS

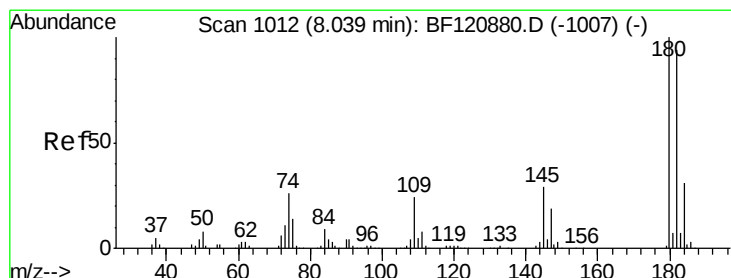
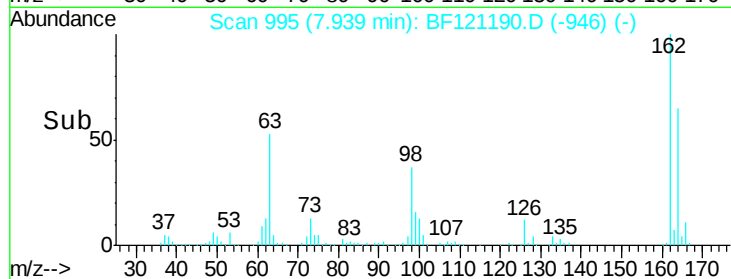
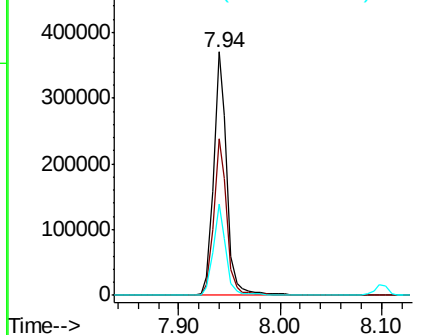
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 335920 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.6  | 44.7  | 84.7   |
| 98        | 37.4  | 14.2  | 54.2   |

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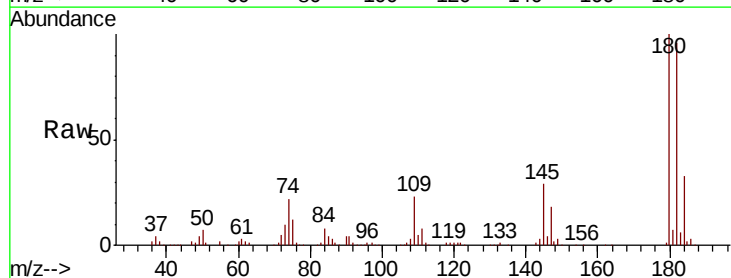


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

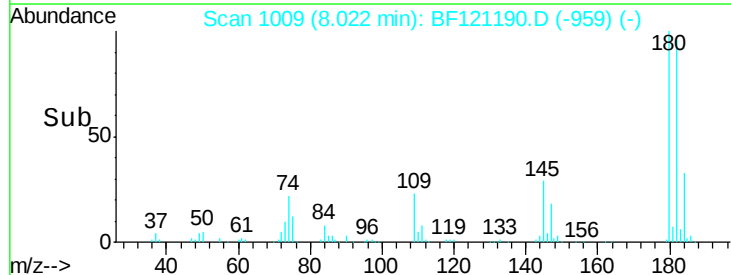
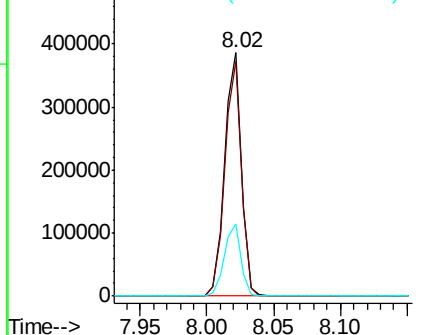


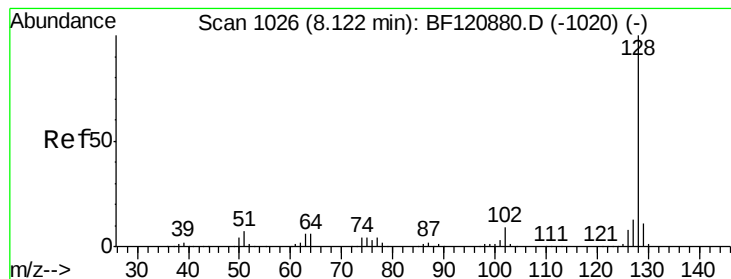
#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.893 ng  
 RT: 8.02 min Scan# 1009  
 Delta R.T. -0.01 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 343107 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.2  | 76.4  | 114.6  |
| 145       | 29.4  | 24.2  | 36.4   |



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





#31

Naphthalene

Concen: 44.346 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

ClientSampleId :

COMP-CDMS

Tot Ion:128 Resp: 1091960

Ion Ratio Lower Upper

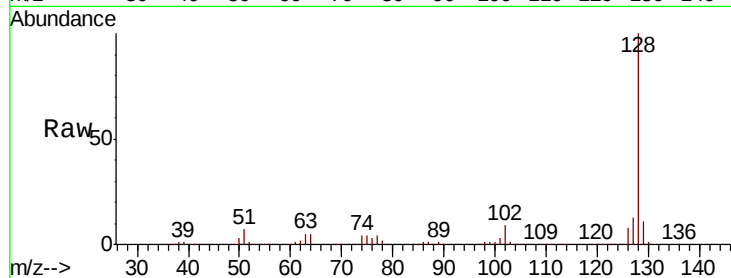
128 100

129 11.4 9.3 13.9

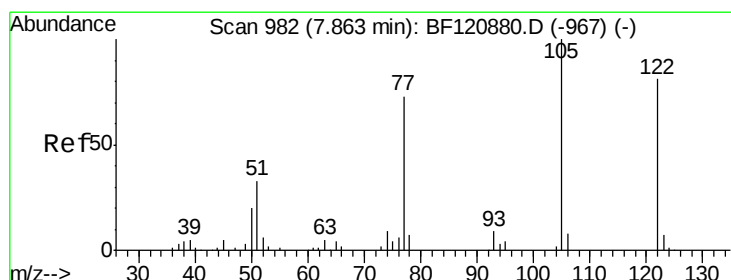
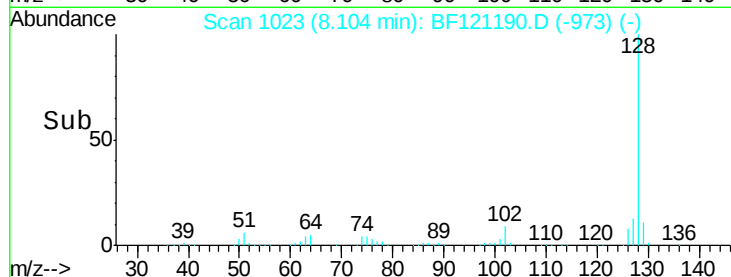
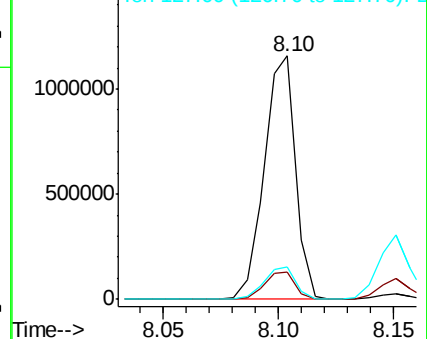
127 13.5 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.242 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

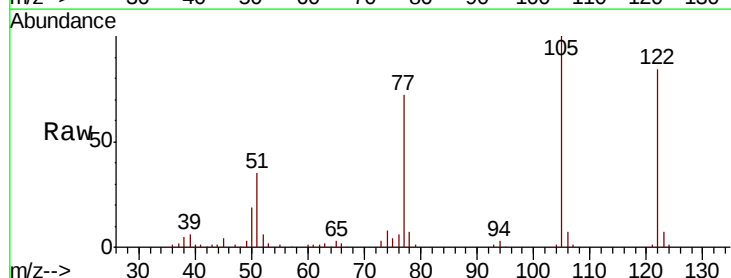
Tgt Ion:122 Resp: 239337

Ion Ratio Lower Upper

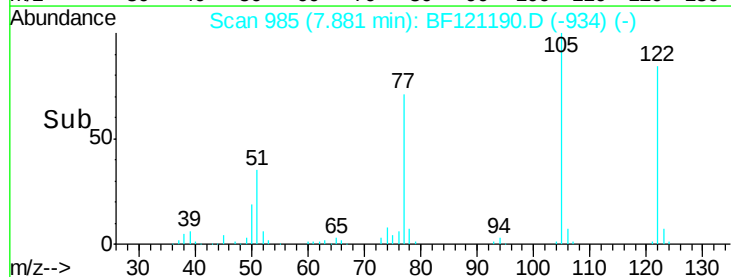
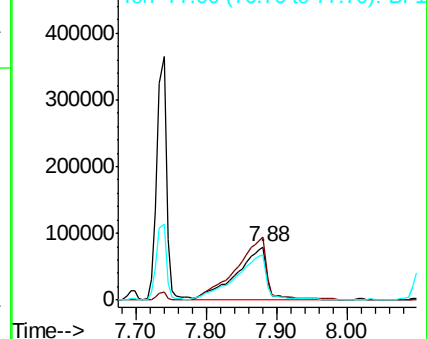
122 100

105 119.2 100.9 140.9

77 85.7 67.8 107.8



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1





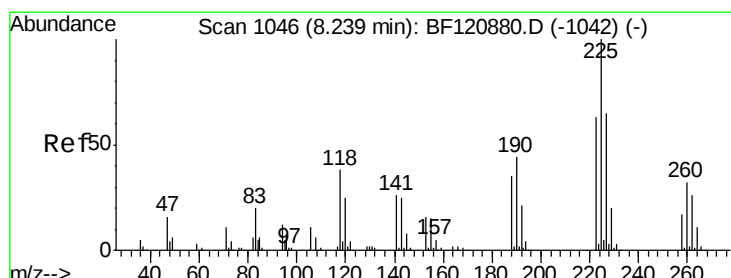
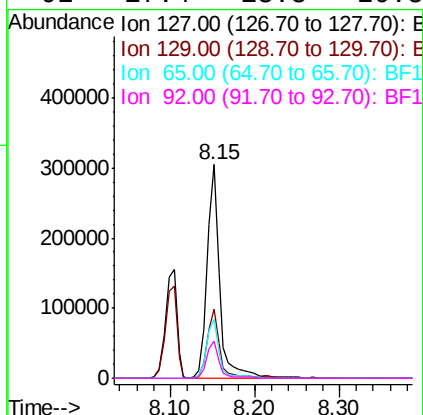
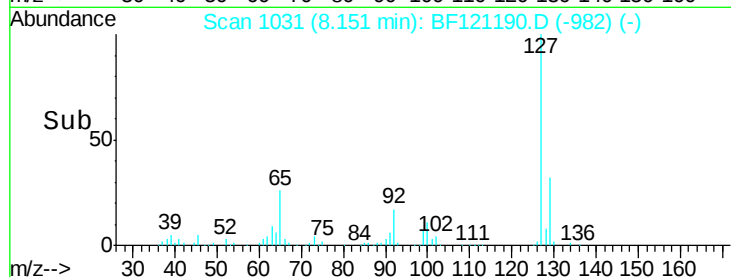
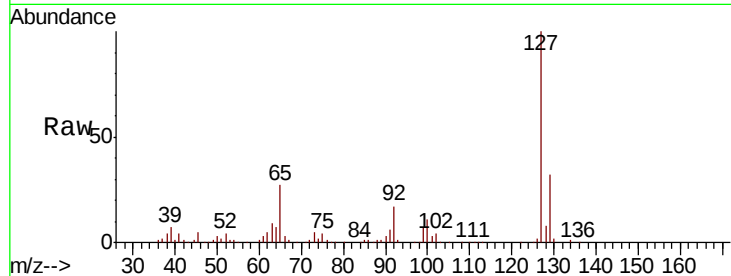
#33  
4-Chloroaniline  
Concen: 28.396 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 311921 |       |       |
| 129     | 32.3  | 26.2   | 39.2  |       |
| 65      | 27.4  | 21.4   | 32.0  |       |
| 92      | 17.4  | 13.8   | 20.8  |       |

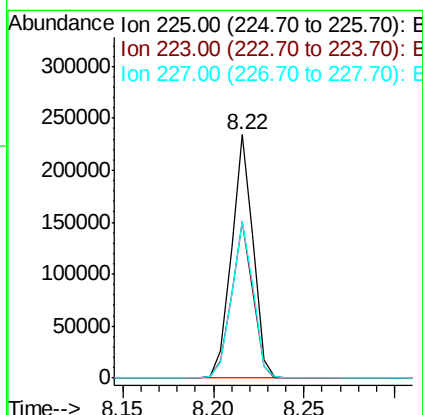
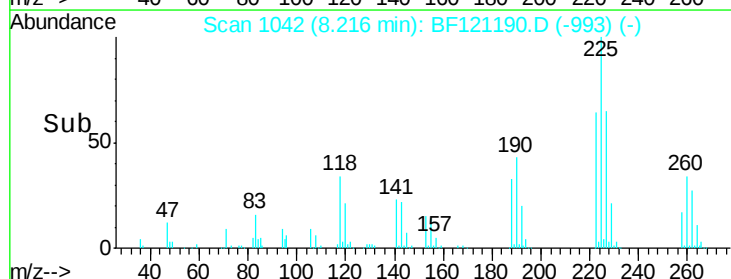
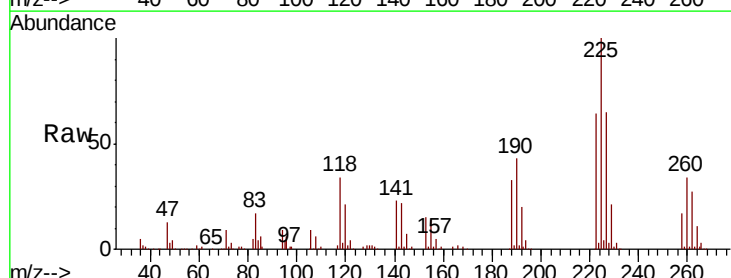
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#34  
Hexachlorobutadiene  
Concen: 42.055 ng  
RT: 8.22 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 193794 |       |       |
| 223     | 64.2  | 49.7   | 74.5  |       |
| 227     | 64.6  | 51.4   | 77.0  |       |





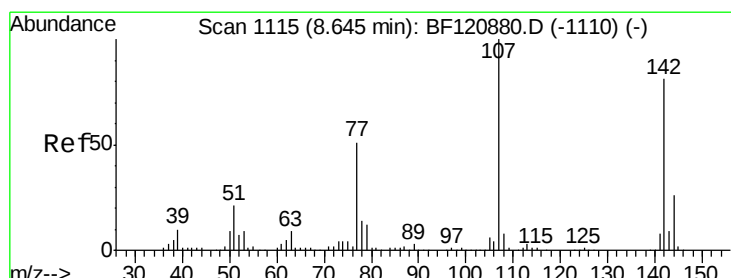
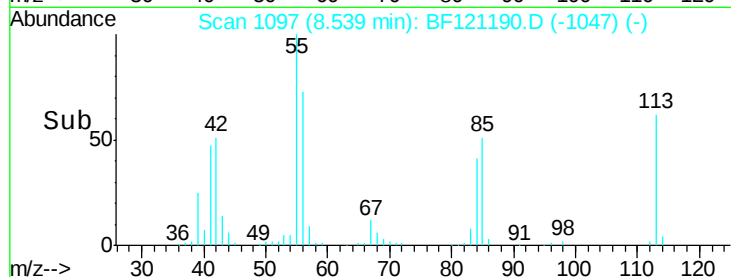
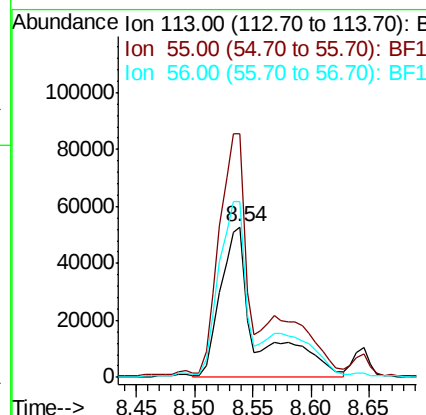
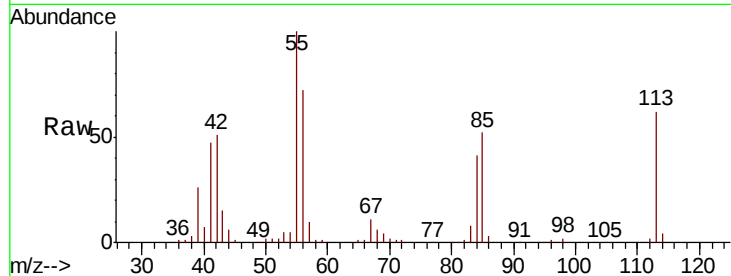
#35  
Caprolactam  
Concen: 51.888 ng m  
RT: 8.54 min Scan# 1097  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 161.6 | 131.0 | 171.0 |
| 56      | 116.8 | 90.4  | 130.4 |

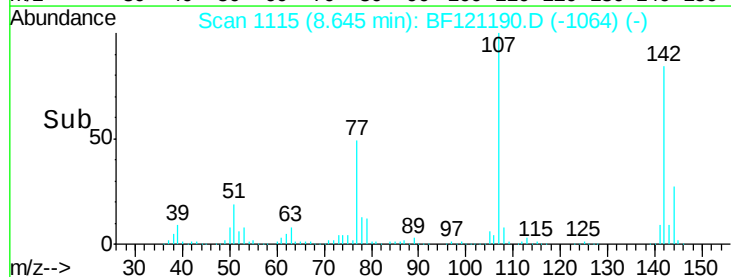
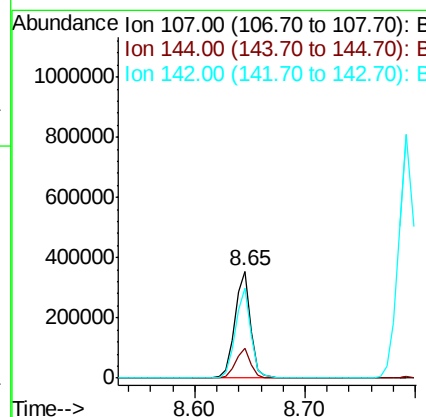
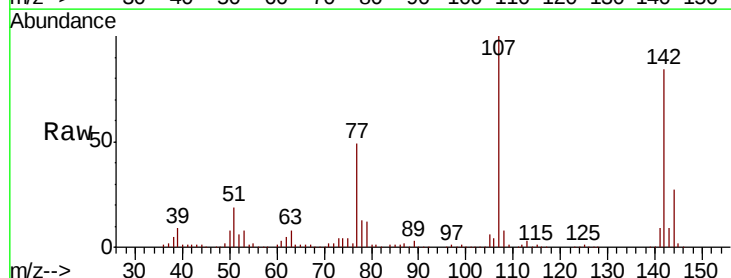
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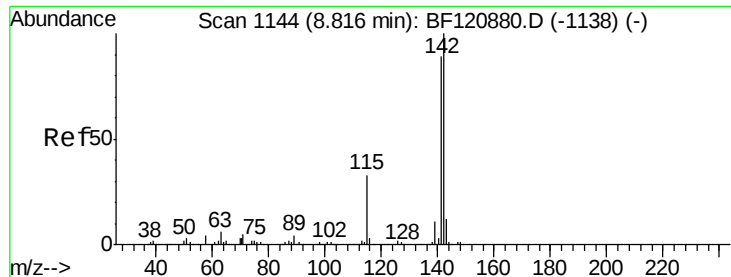
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#36  
4-Chloro-3-methylphenol  
Concen: 49.250 ng  
RT: 8.65 min Scan# 1115  
Delta R.T. -0.00 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.5  | 20.9  | 31.3  |
| 142     | 83.6  | 64.5  | 96.7  |





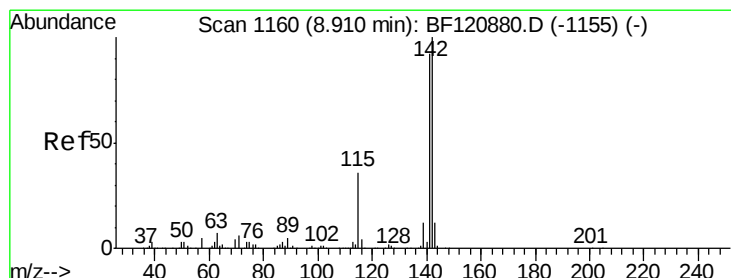
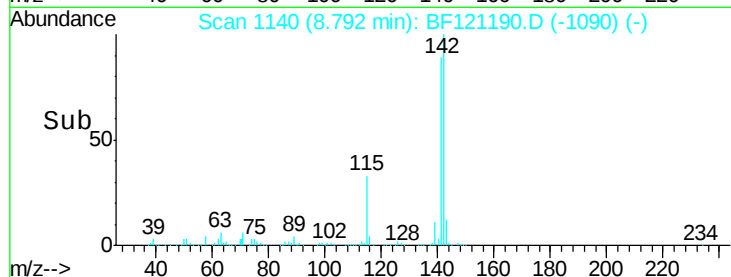
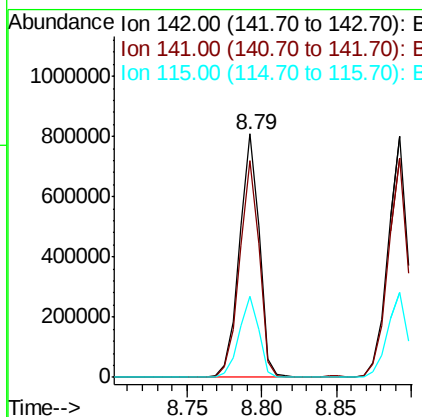
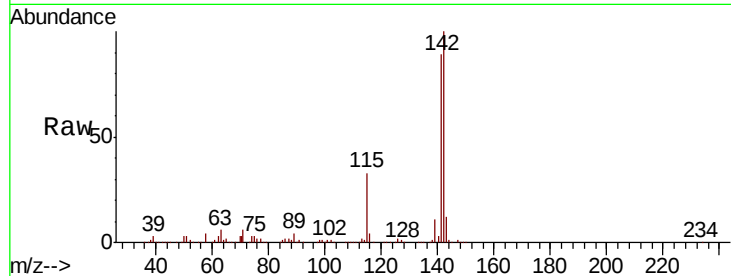
#37  
2-Methylnaphthalene  
Concen: 46.775 ng  
RT: 8.79 min Scan# 1140  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.9  | 70.6  | 105.8 |
| 115     | 33.4  | 27.1  | 40.7  |

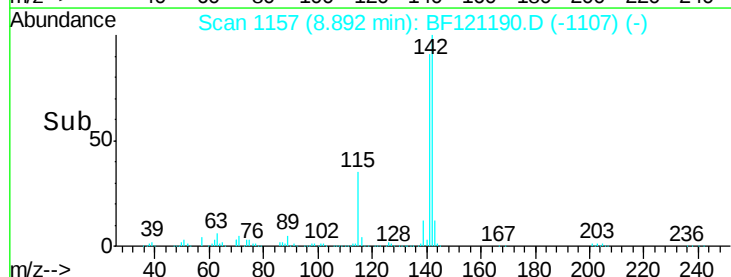
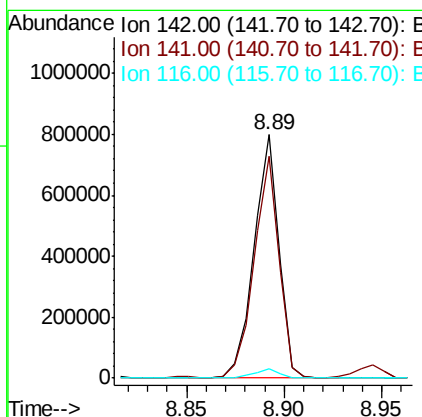
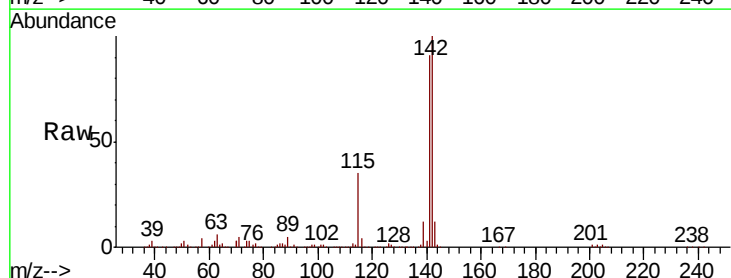
Manual Integrations  
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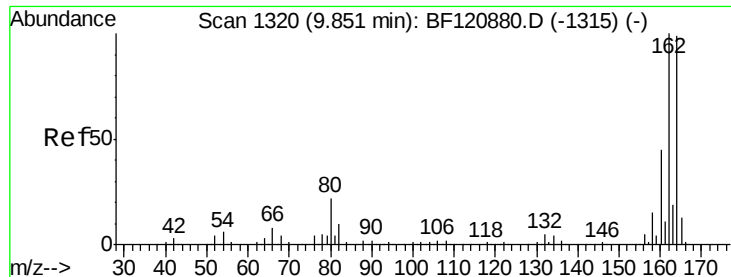
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#38  
1-Methylnaphthalene  
Concen: 46.449 ng  
RT: 8.89 min Scan# 1157  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.1  | 73.0  | 109.6 |
| 116     | 3.7   | 3.0   | 4.6   |





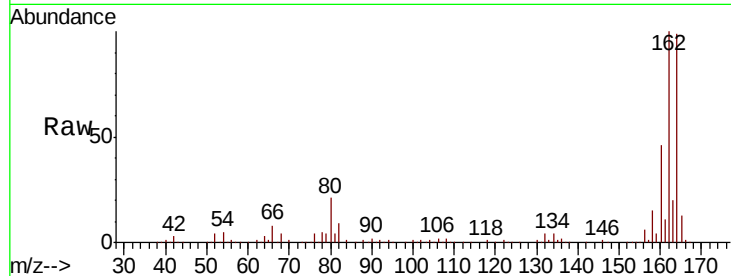
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.83 min Scan# 1317  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.6 | 82.2  | 123.2 |
| 160     | 45.9  | 37.2  | 55.8  |

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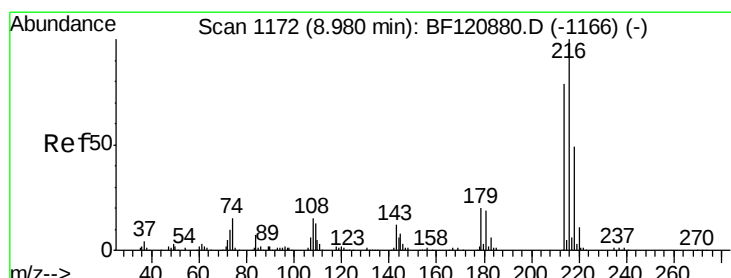
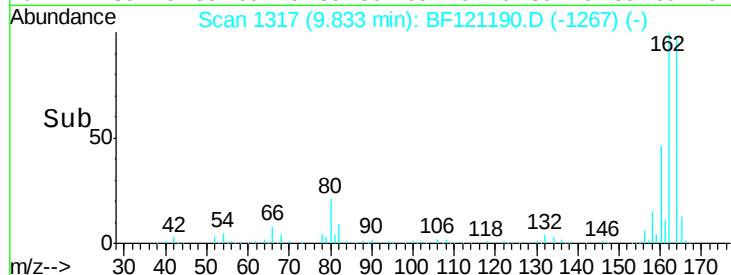
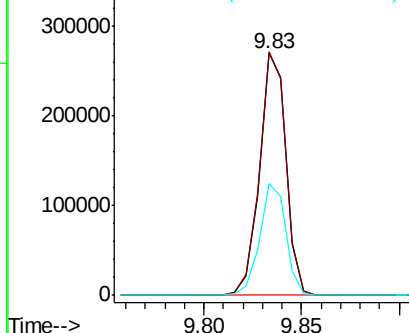


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.095 ng  
RT: 8.96 min Scan# 1169  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.7  | 63.9  | 95.9  |
| 179     | 20.5  | 16.6  | 24.8  |
| 108     | 19.8  | 15.0  | 22.4  |

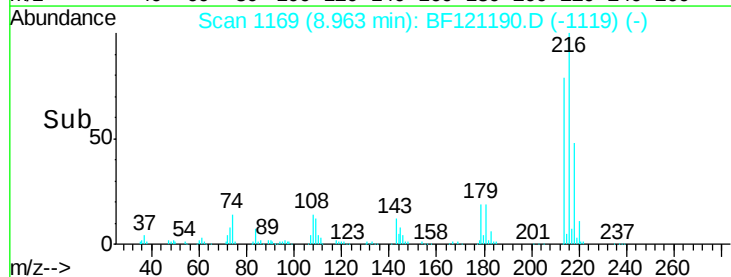
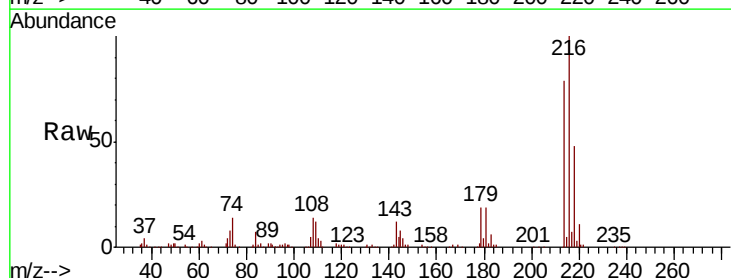
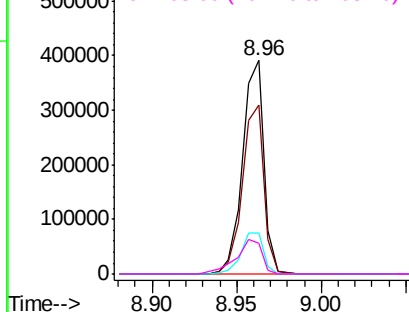
Abundance

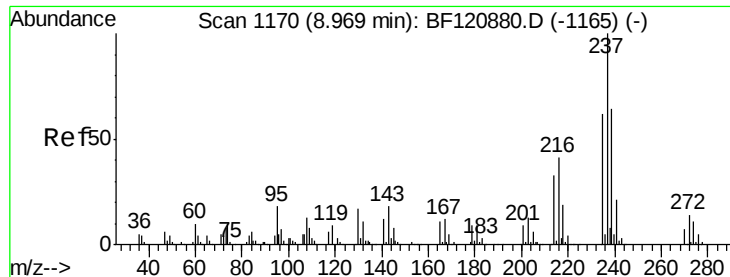
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.192 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

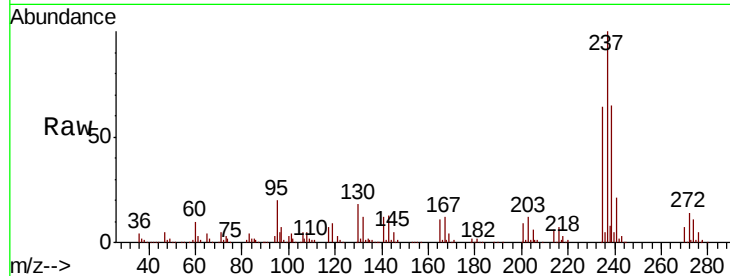
ClientSampleId :

COMP-CDMS

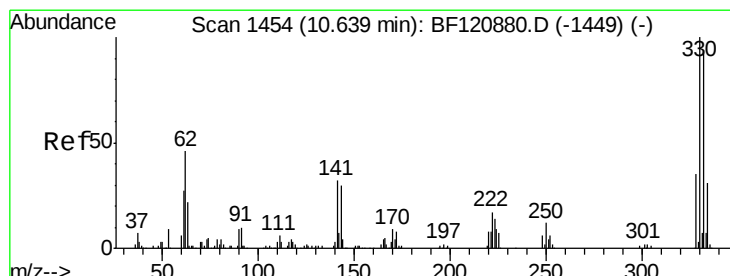
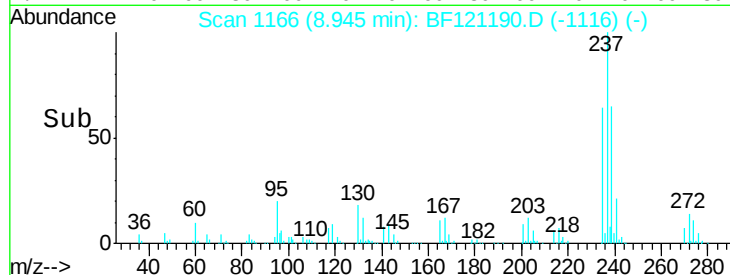
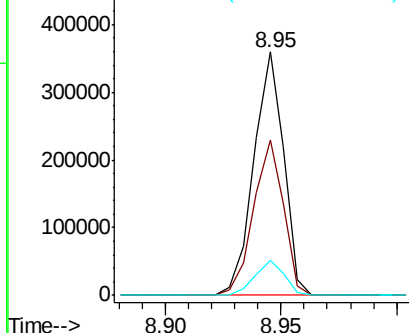
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 325460 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.8  | 43.2  | 83.2   |
| 272       | 14.3  | 0.0   | 33.6   |

Manual Integrations  
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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: 103.281 ng

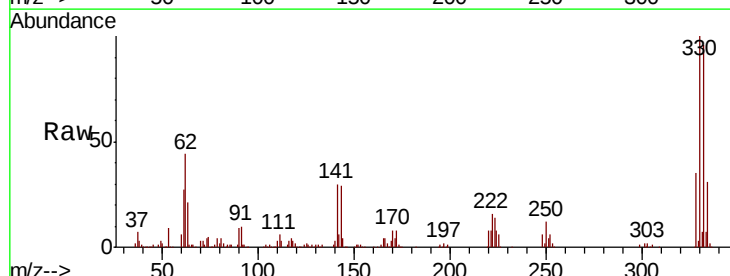
RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

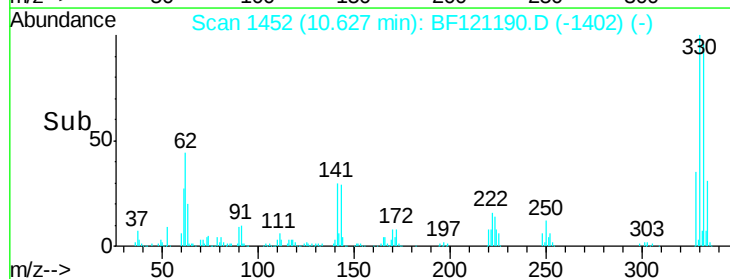
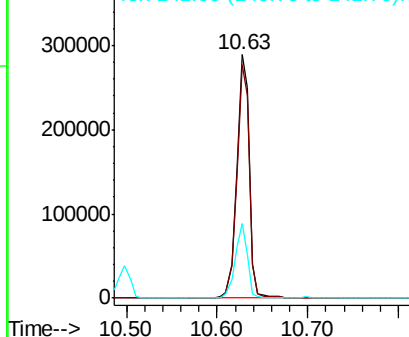
Lab File: BF121190.D

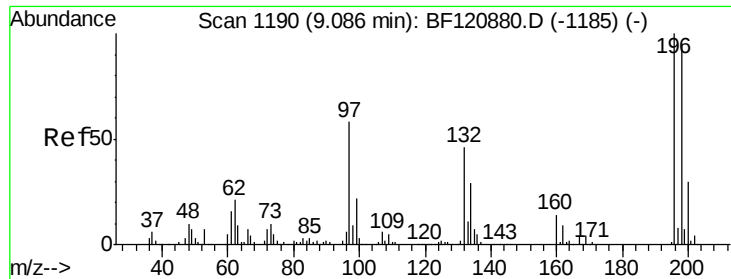
Acq: 5 Aug 2020 13:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 284932 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.6  | 76.1  | 114.1  |
| 141       | 29.6  | 24.1  | 36.1   |



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





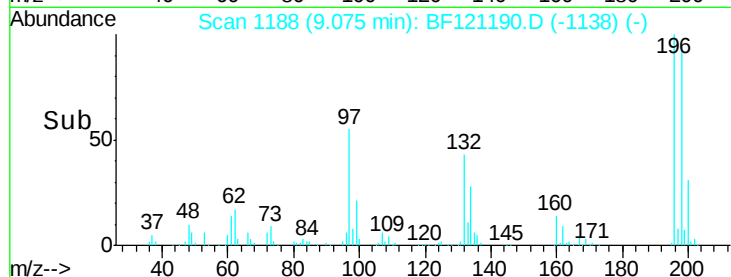
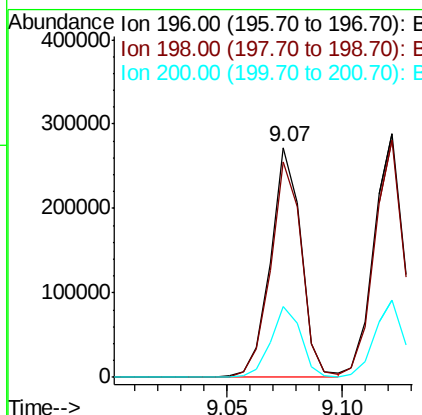
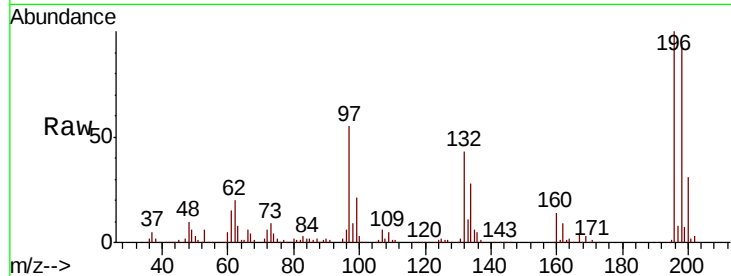
#43  
 2,4,6-Trichlorophenol  
 Concen: 48.426 ng  
 RT: 9.07 min Scan# 1188  
 Delta R.T. -0.01 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-CDMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 250382 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.0  | 77.5  | 116.3  |
| 200       | 30.7  | 24.6  | 37.0   |

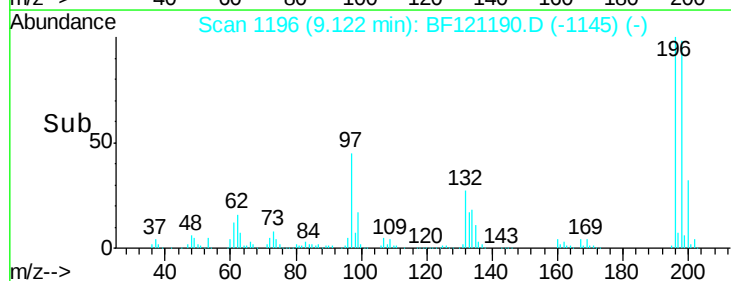
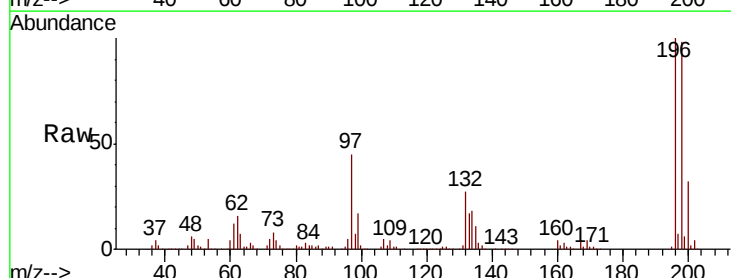
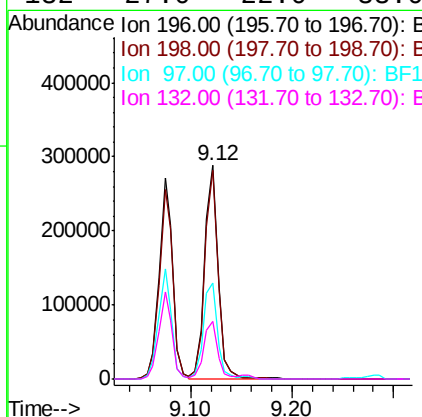
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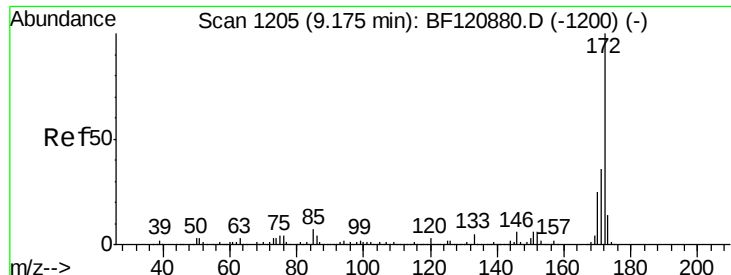
mohammad  
 8/6/2020 1:21:00 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.766 ng  
 RT: 9.12 min Scan# 1196  
 Delta R.T. -0.00 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 268412 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.7  | 76.2  | 114.4  |
| 97        | 44.8  | 37.3  | 55.9   |
| 132       | 27.0  | 22.0  | 33.0   |





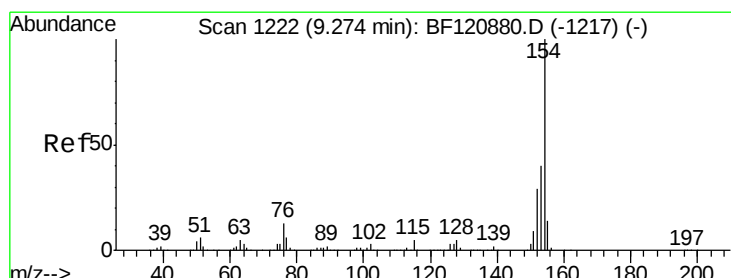
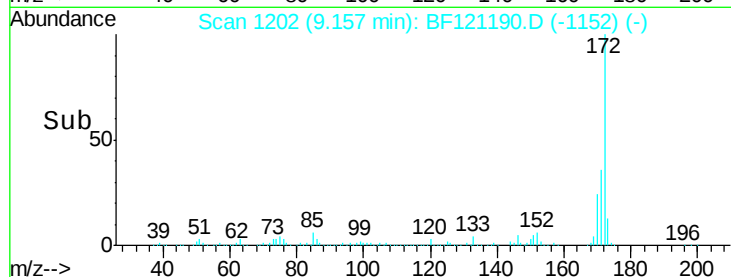
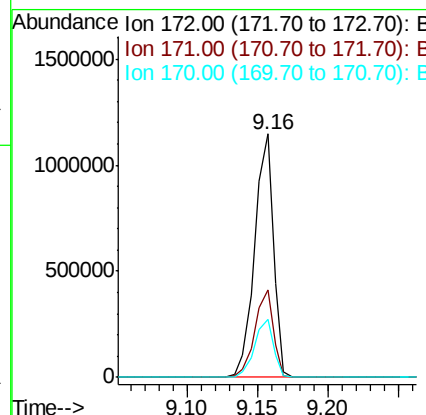
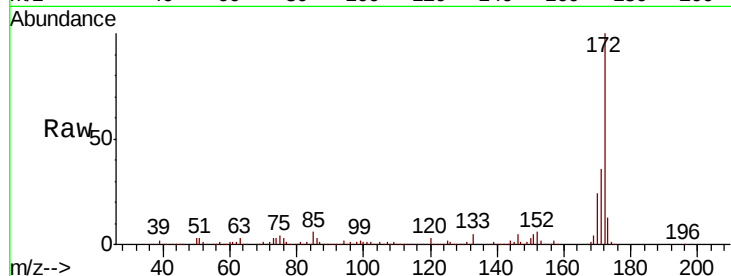
#45  
2-Fluorobiphenyl  
Concen: 63.846 ng  
RT: 9.16 min Scan# 1202  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 29.0  | 43.4  |
| 170     | 24.0  | 19.6  | 29.4  |

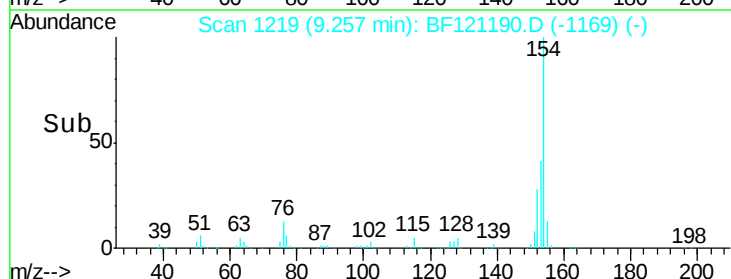
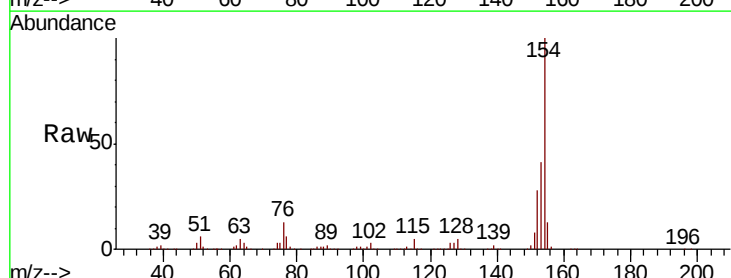
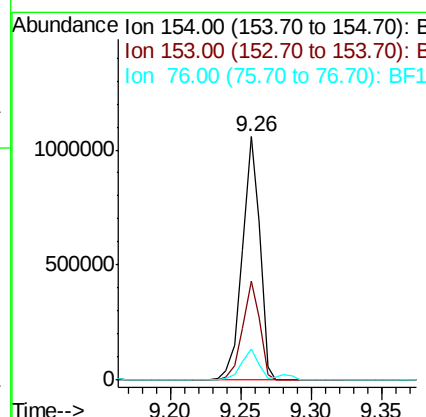
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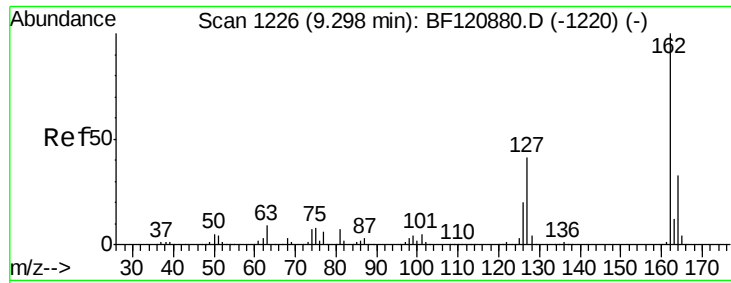
mohammad  
8/6/2020 1:21:00 PM



#46  
1,1'-Biphenyl  
Concen: 47.271 ng  
RT: 9.26 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.9  | 20.6  | 60.6  |
| 76      | 12.8  | 0.0   | 33.4  |





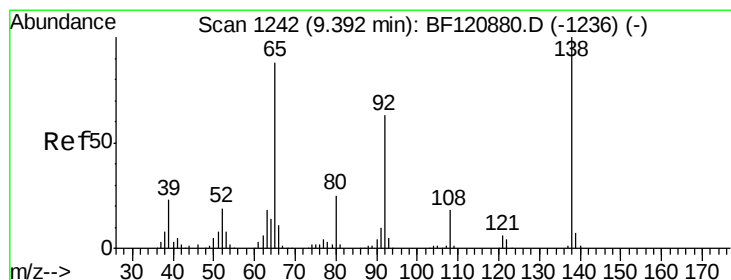
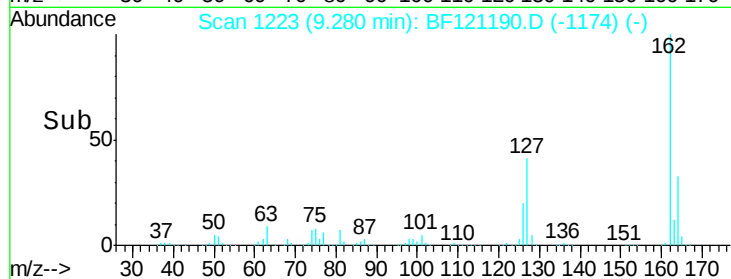
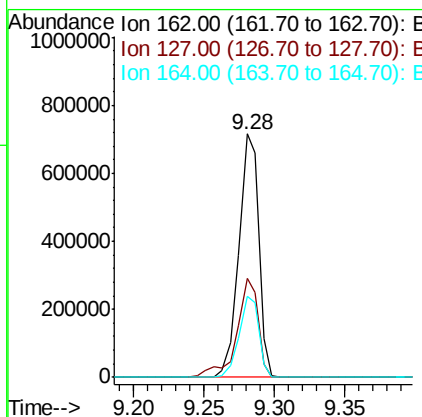
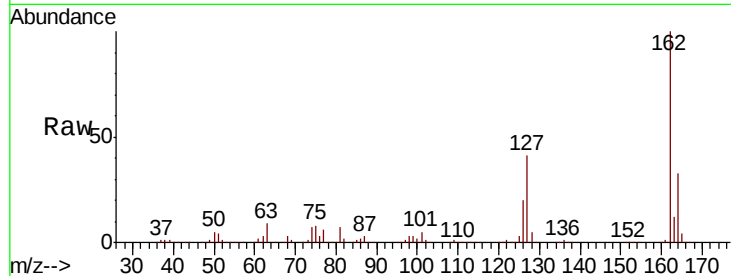
#47  
2-Chloronaphthalene  
Concen: 44.653 ng  
RT: 9.28 min Scan# 1223  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 699916 |       |       |
| 127     | 40.7  |        | 31.1  | 46.7  |
| 164     | 33.3  |        | 26.6  | 40.0  |

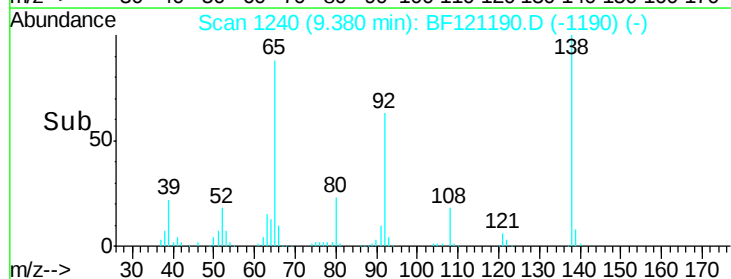
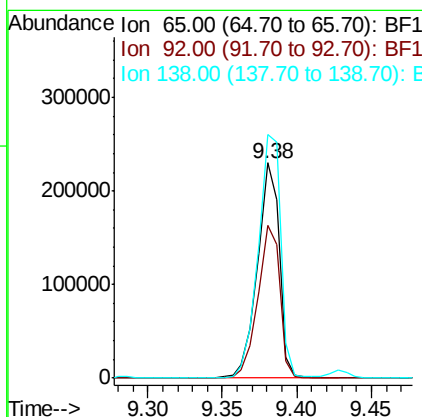
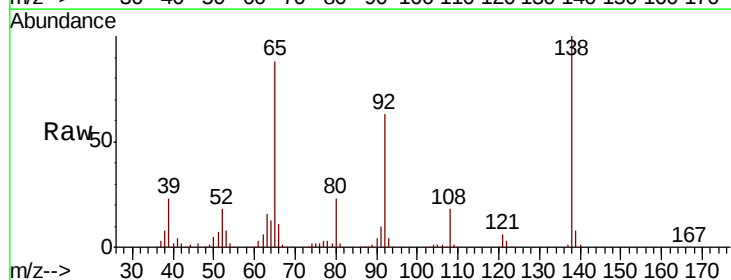
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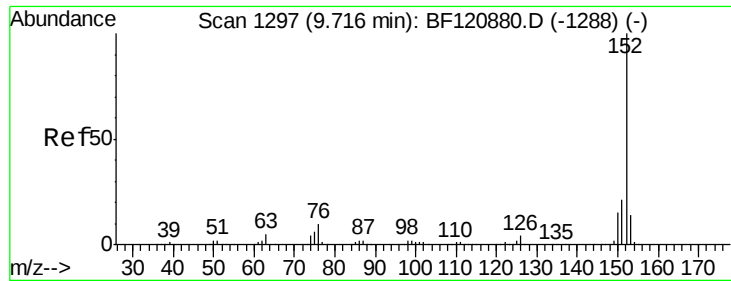
mohammad  
8/6/2020 1:21:00 PM



#48  
2-Nitroaniline  
Concen: 48.841 ng  
RT: 9.38 min Scan# 1240  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 231358 |       |       |
| 92      | 71.0  |        | 58.0  | 87.0  |
| 138     | 113.2 |        | 93.3  | 139.9 |





#49

Acenaphthylene

Concen: 46.880 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

ClientSampleId :

COMP-CDMS

Tot Ion:152 Resp: 1141575

Ion Ratio Lower Upper

152 100

151 21.1 16.6 25.0

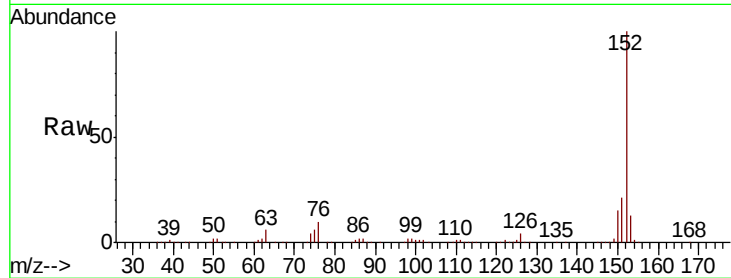
153 13.5 11.0 16.4

Manual Integrations

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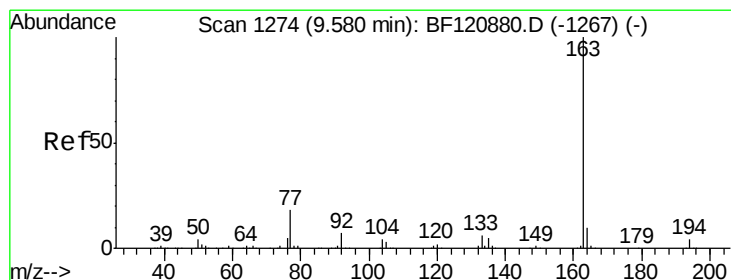
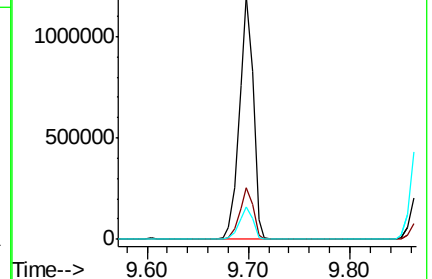
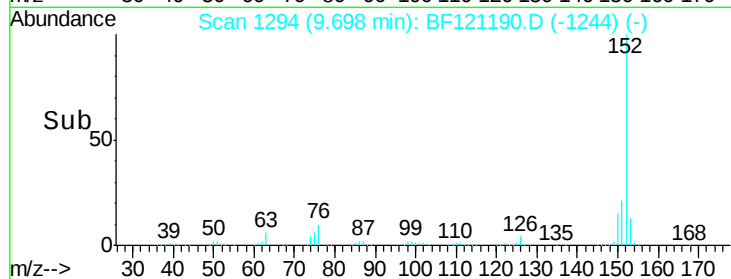
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.957 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

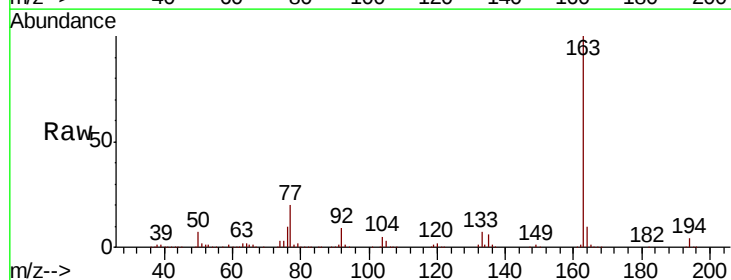
Tgt Ion:163 Resp: 962920

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

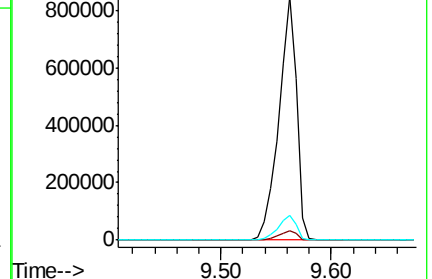
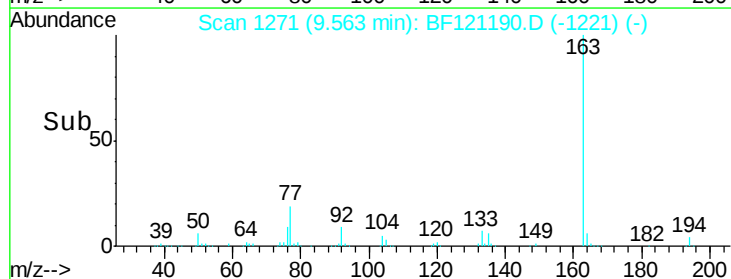
164 10.3 8.4 12.6

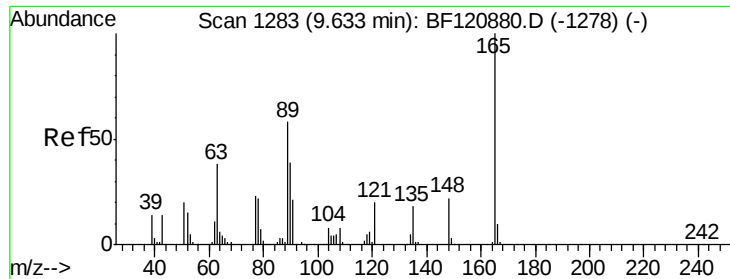


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





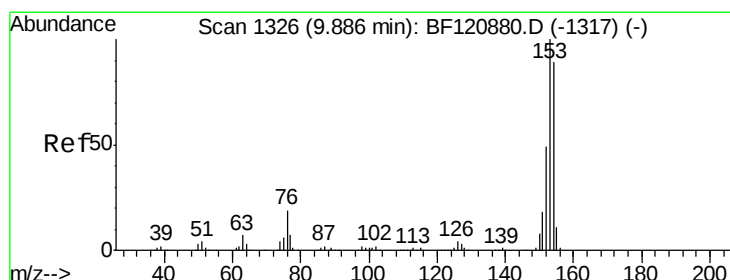
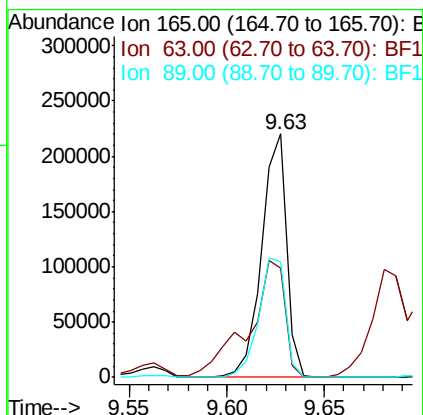
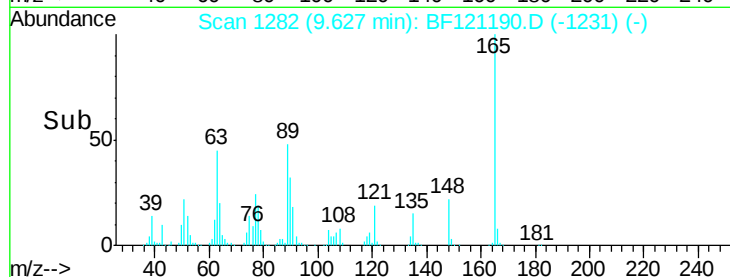
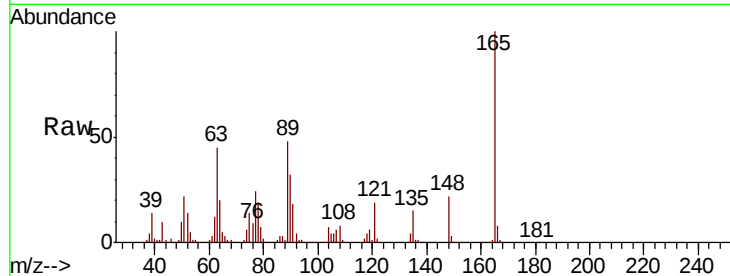
#51  
2,6-Dinitrotoluene  
Concen: 50.154 ng  
RT: 9.63 min Scan# 1282  
Delta R.T. -0.00 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 195922 |       |       |
| 63      | 44.8  |        | 41.1  | 61.7  |
| 89      | 47.7  |        | 43.5  | 65.3  |

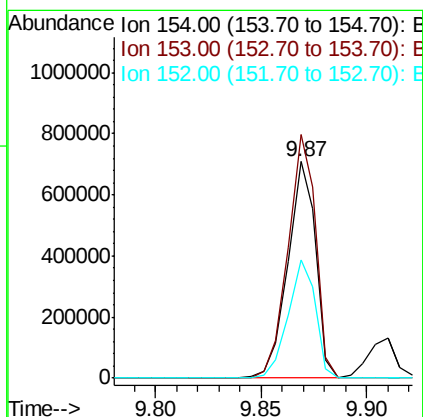
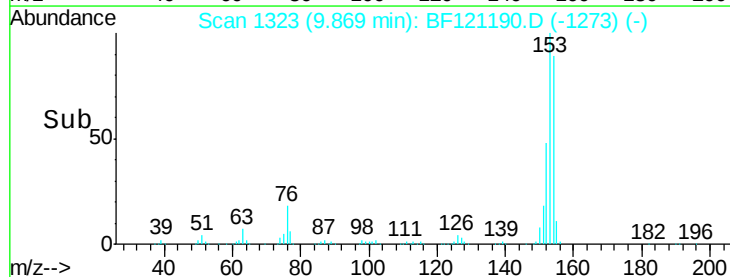
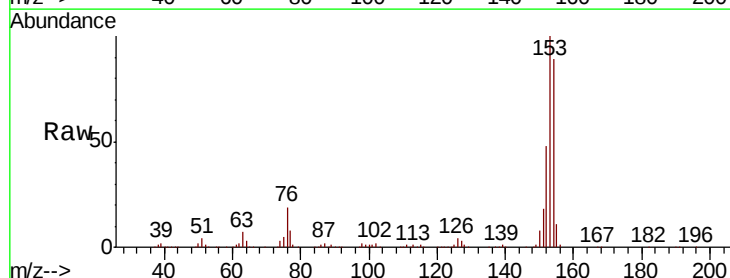
Manual Integrations  
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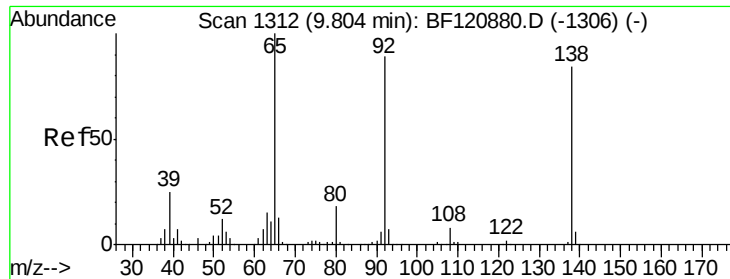
mohammad  
8/6/2020 1:21:00 PM



#52  
Acenaphthene  
Concen: 42.264 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 654312 |       |       |
| 153     | 112.5 |        | 89.6  | 134.4 |
| 152     | 54.5  |        | 43.8  | 65.6  |





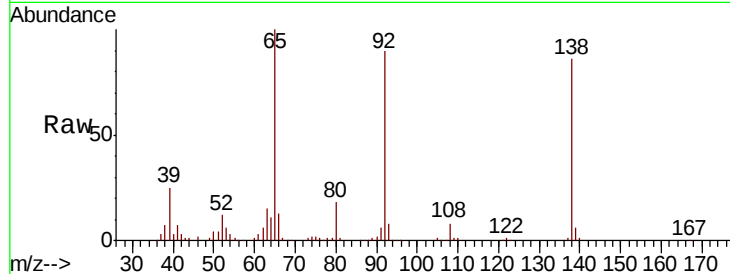
#53  
3-Nitroaniline  
Concen: 31.227 ng  
RT: 9.79 min Scan# 1310  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

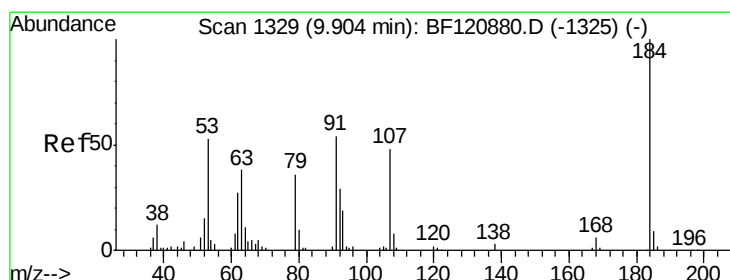
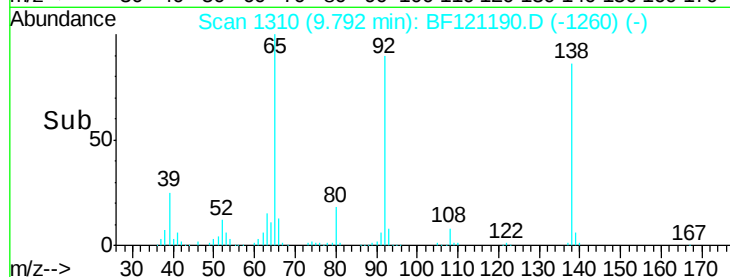
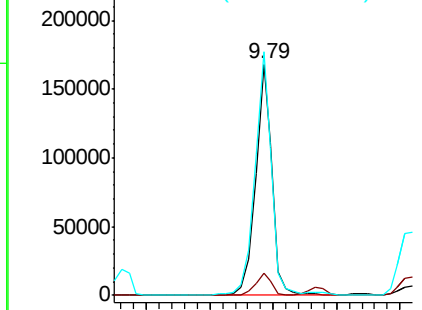
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.4   | 7.8   | 11.8  |
| 92      | 105.3 | 85.0  | 127.4 |

Manual Integrations  
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mohammad  
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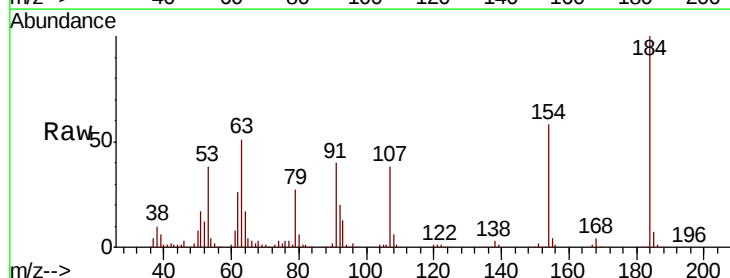


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

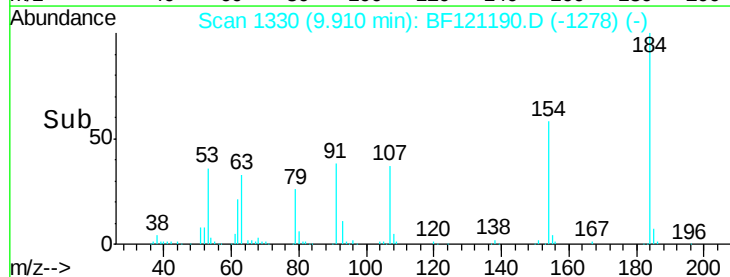
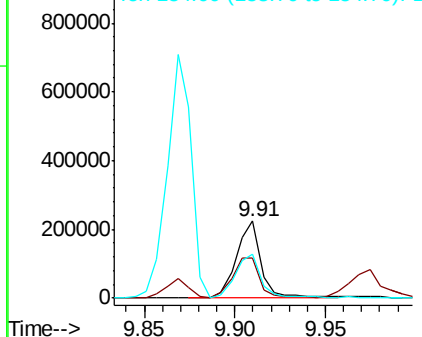


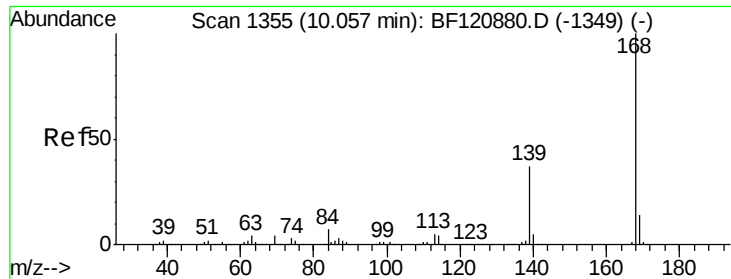
#54  
2,4-Dinitrophenol  
Concen: 93.670 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. 0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 51.4  | 42.5  | 63.7  |
| 154     | 57.7  | 46.8  | 70.2  |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E





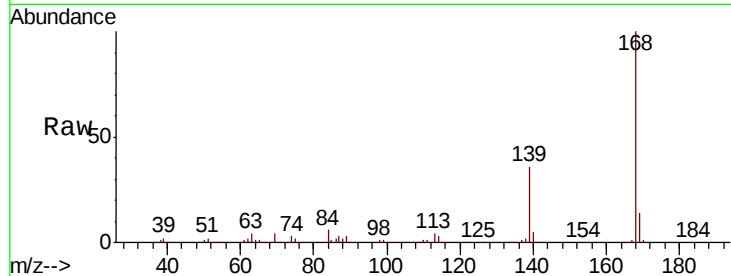
#55  
Dibenzofuran  
Concen: 44.817 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. -0.00 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.4  | 30.1  | 45.1  |
| 169     | 13.6  | 11.3  | 16.9  |

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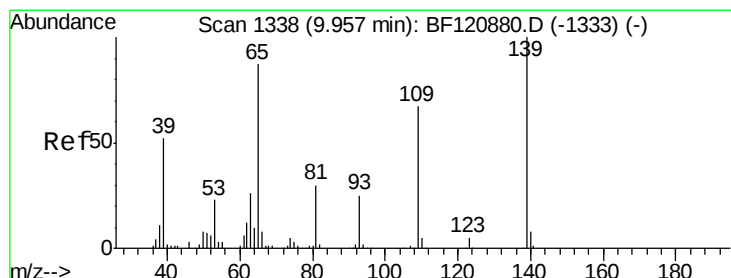
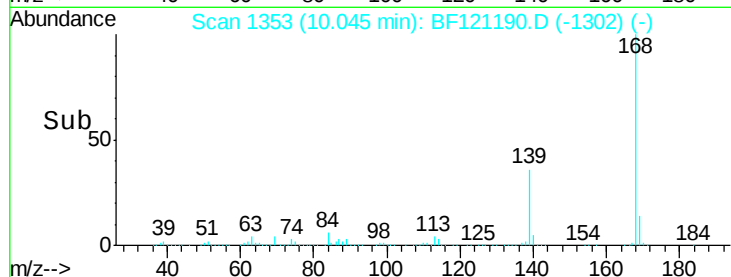
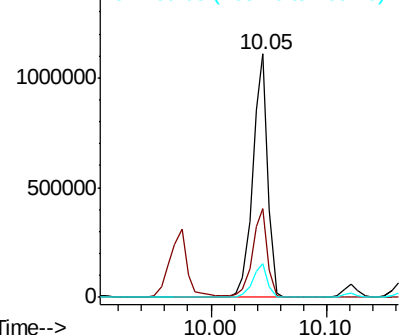


Abundance

Ion 168.00 (167.70 to 168.70): E

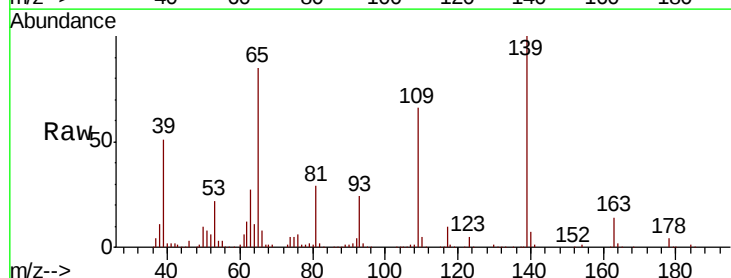
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 88.385 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. 0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 65.8  | 44.8  | 84.8  |
| 65      | 84.7  | 65.6  | 105.6 |

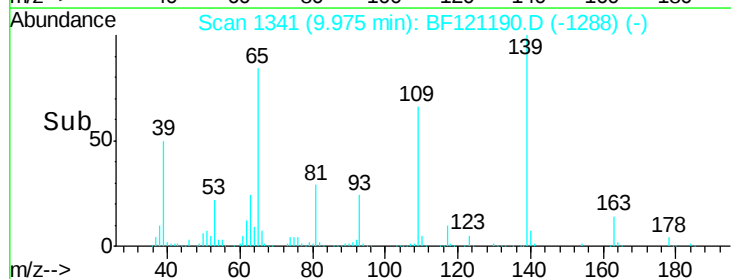
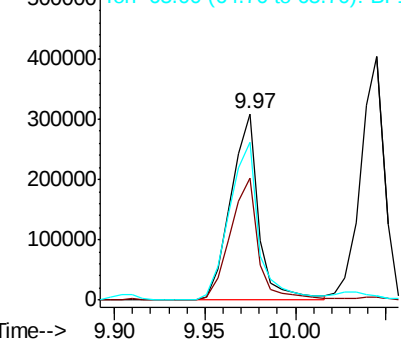


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





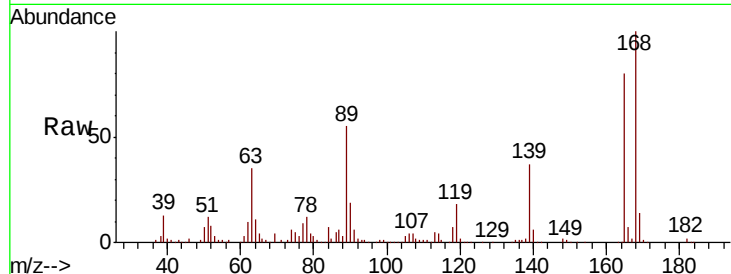
#57  
2,4-Dinitrotoluene  
Concen: 49.390 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. -0.00 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.8  | 29.8  | 44.8  |
| 89      | 67.9  | 50.3  | 75.5  |
| 182     | 2.6   | 2.1   | 3.1   |

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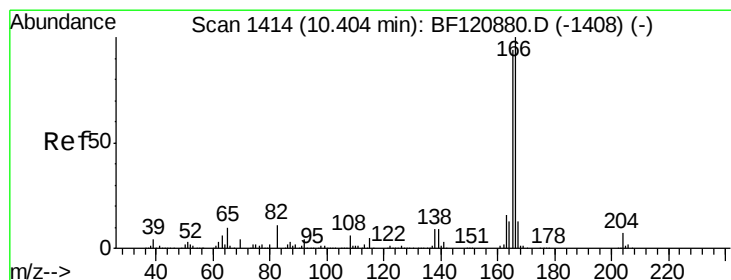
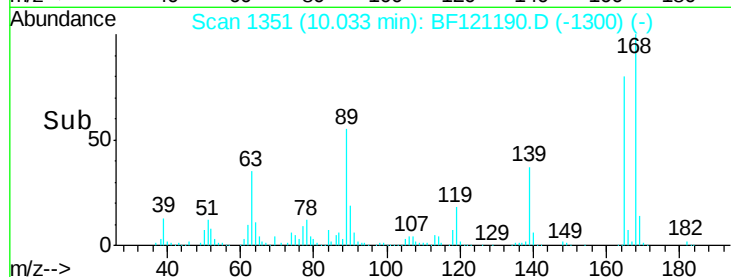
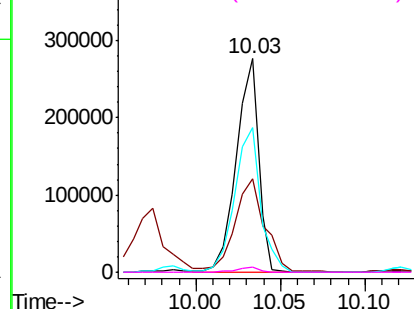
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 44.830 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

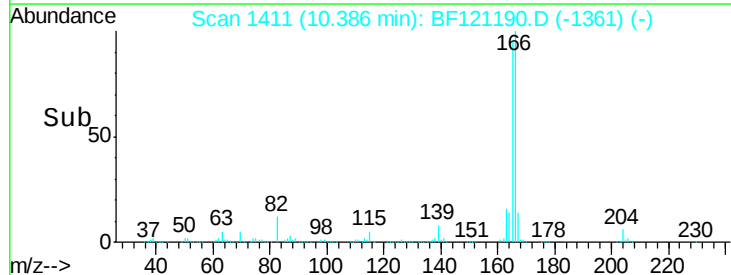
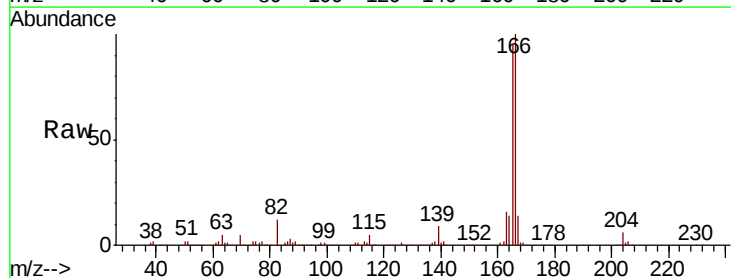
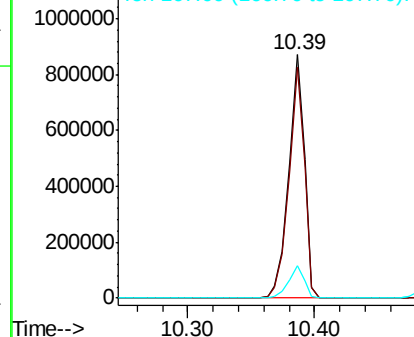
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 94.9  | 76.4  | 114.6 |
| 167     | 13.5  | 10.7  | 16.1  |

Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





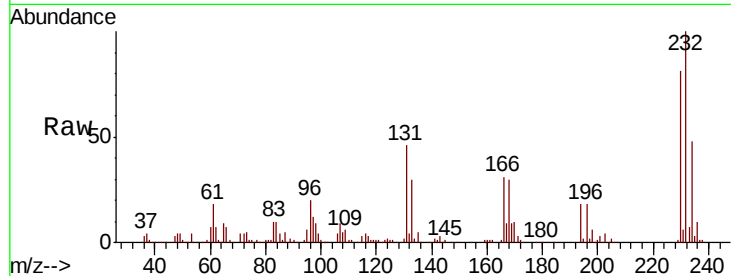
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.266 ng  
RT: 10.16 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

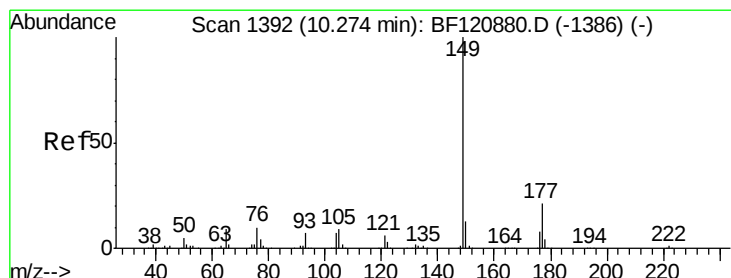
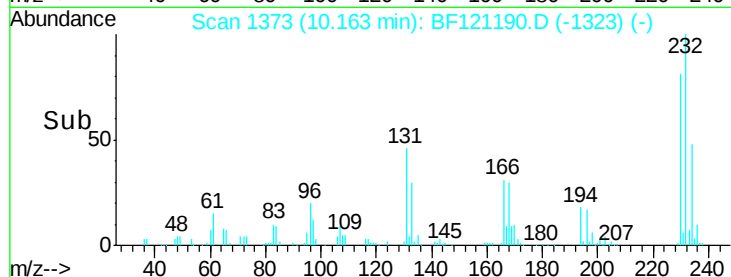
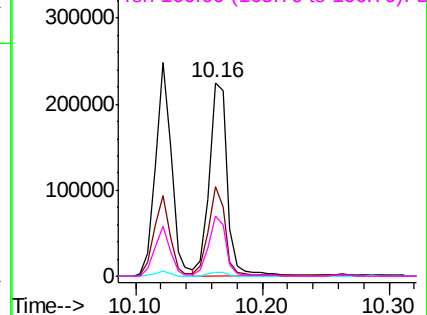
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 224461 |       |       |
| 131     | 42.9  | 34.2   | 51.2  |       |
| 130     | 2.1   | 1.7    | 2.5   |       |
| 166     | 29.7  | 23.1   | 34.7  |       |

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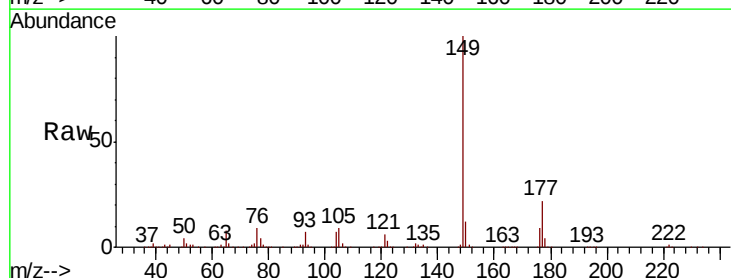


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

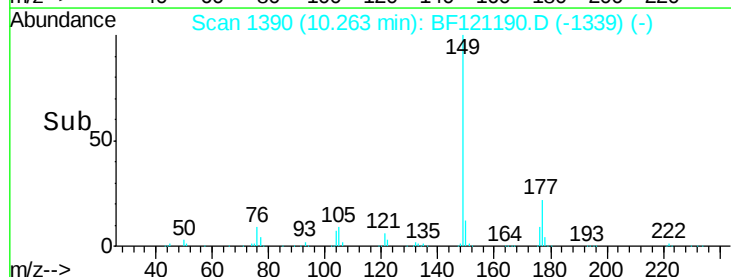
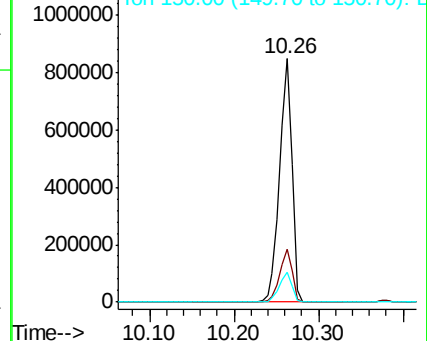


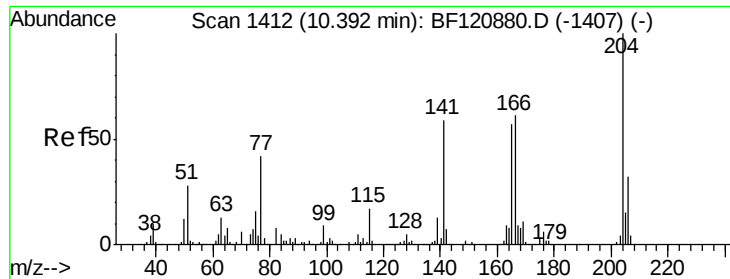
#60  
Diethylphthalate  
Concen: 46.557 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. -0.00 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 856256 |       |       |
| 177     | 21.9  | 17.6   | 26.4  |       |
| 150     | 12.4  | 10.2   | 15.4  |       |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E





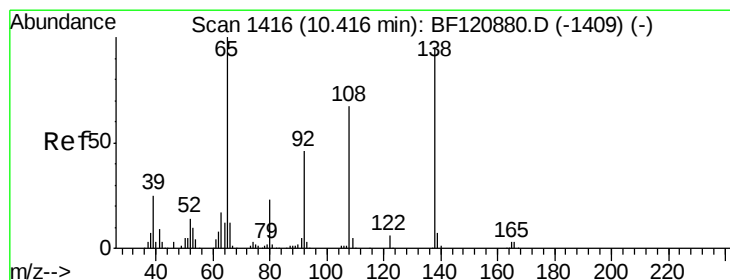
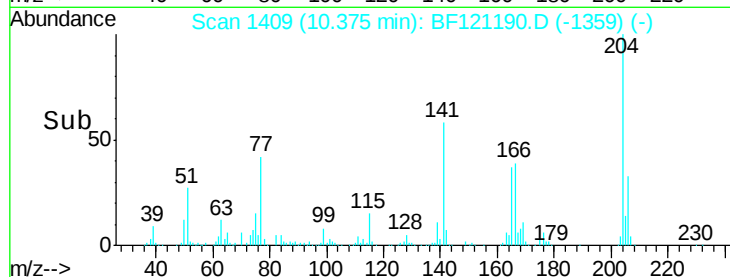
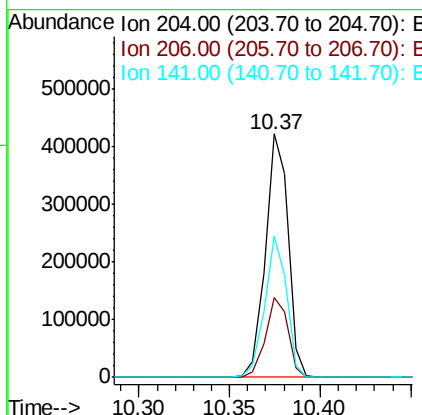
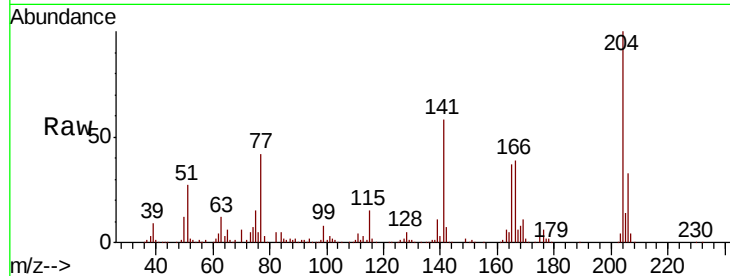
#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.408 ng  
 RT: 10.37 min Scan# 1409  
 Delta R.T. -0.01 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 26.0  | 39.0  |
| 141     | 58.1  | 46.9  | 70.3  |

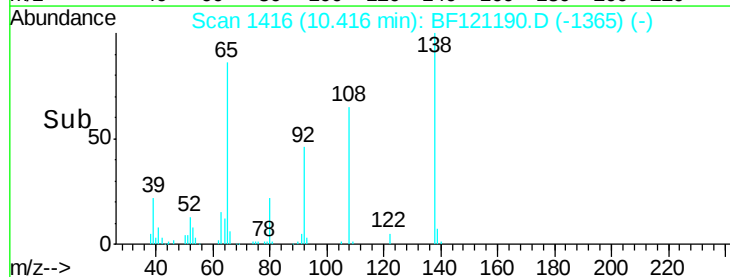
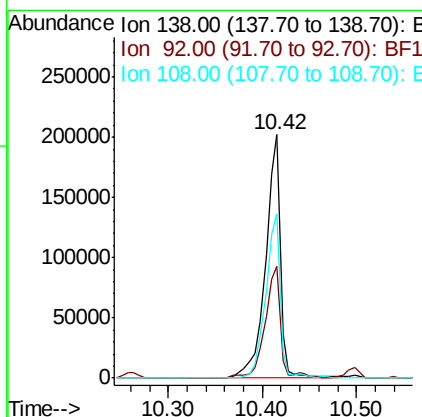
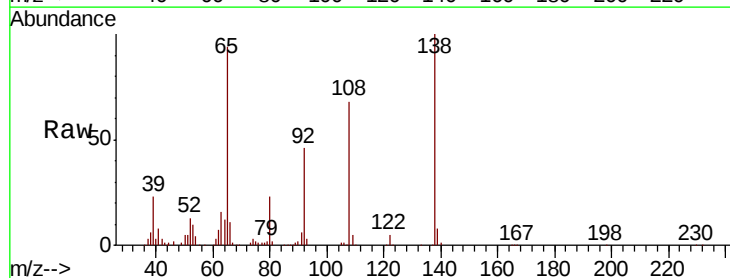
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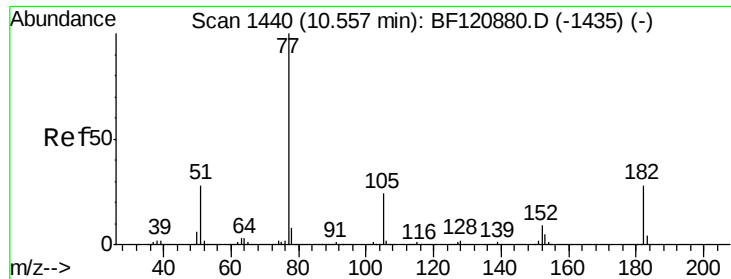
mohammad  
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#62  
 4-Nitroaniline  
 Concen: 46.518 ng  
 RT: 10.42 min Scan# 1416  
 Delta R.T. -0.00 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 45.9  | 25.2  | 65.2  |
| 108     | 67.7  | 46.7  | 86.7  |





#63

Azobenzene

Concen: 44.999 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

ClientSampleId :

COMP-CDMS

Tot Ion: 77 Resp: 787885

Ion Ratio Lower Upper

77 100

182 27.8 4.5 44.5

105 23.9 3.4 43.4

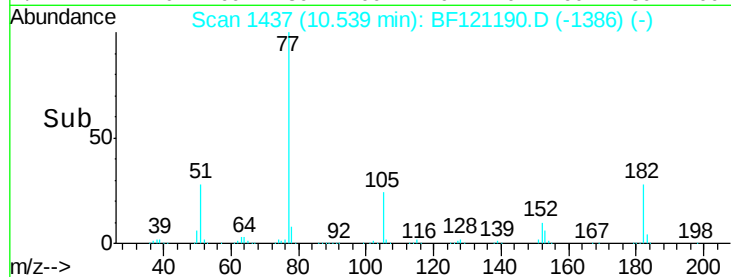
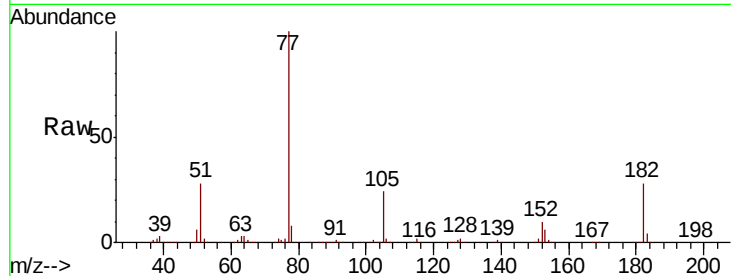
51 27.7 8.7 48.7

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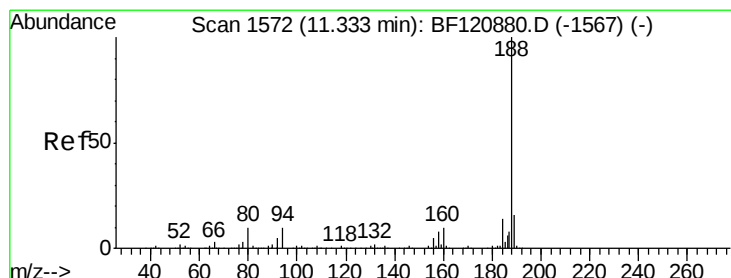
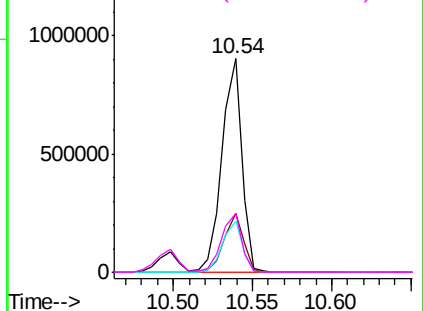


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

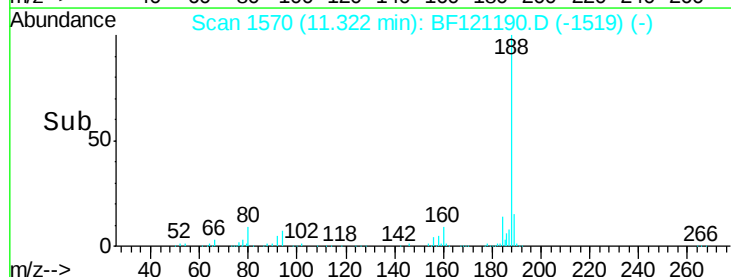
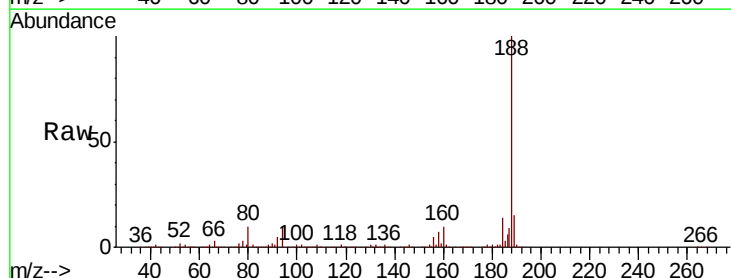
Tgt Ion: 188 Resp: 496090

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

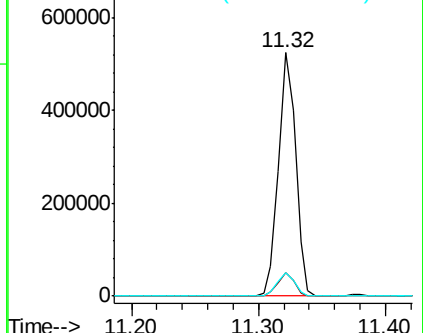
80 9.7 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





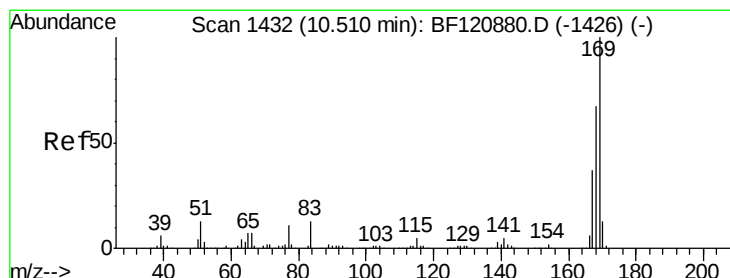
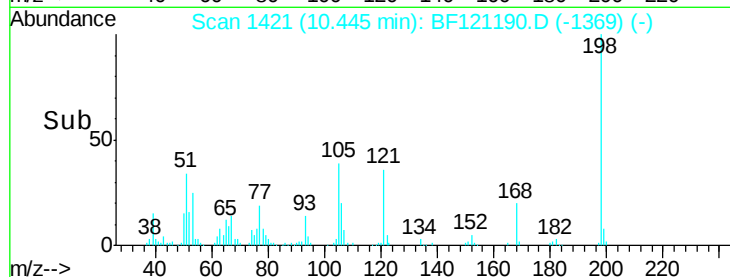
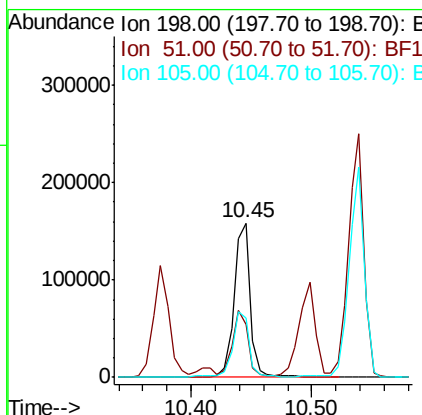
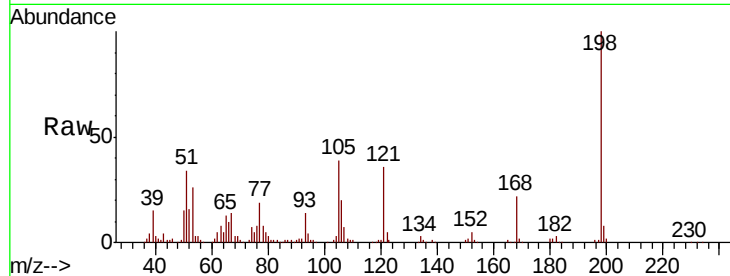
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 51.336 ng  
 RT: 10.45 min Scan# 1421  
 Delta R.T. 0.01 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 34.3  | 23.4  | 63.4  |
| 105     | 38.6  | 23.7  | 63.7  |

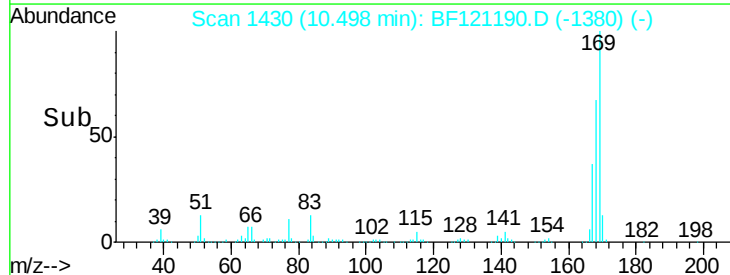
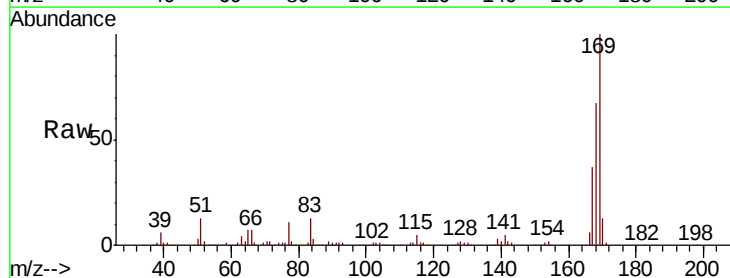
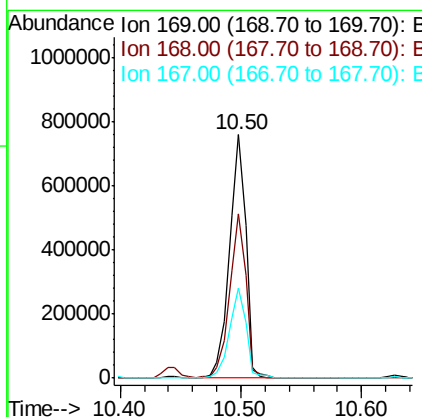
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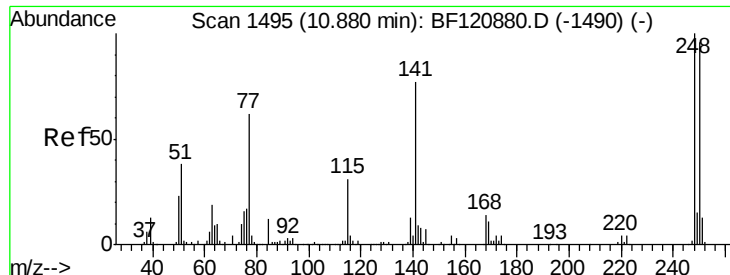
mohammad  
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#66  
 n-Nitrosodiphenylamine  
 Concen: 45.950 ng  
 RT: 10.50 min Scan# 1430  
 Delta R.T. -0.01 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.3  | 53.7  | 80.5  |
| 167     | 37.0  | 30.0  | 45.0  |





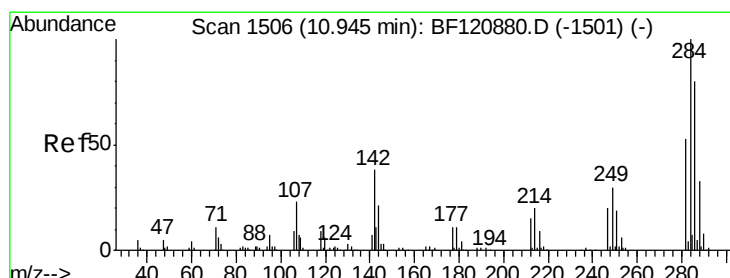
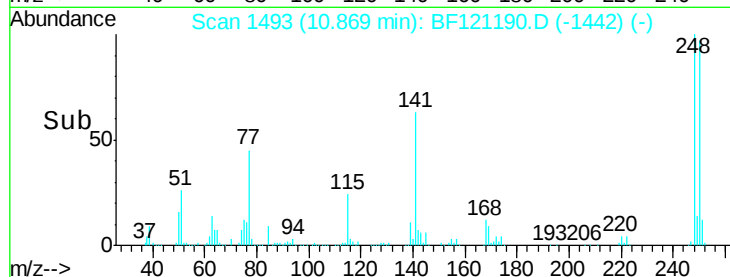
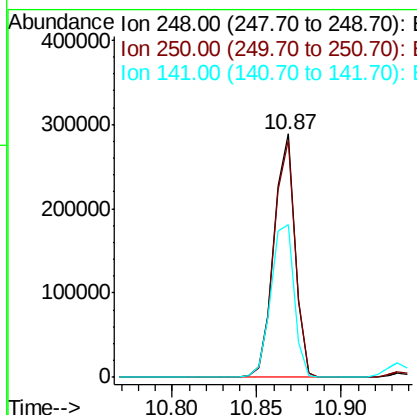
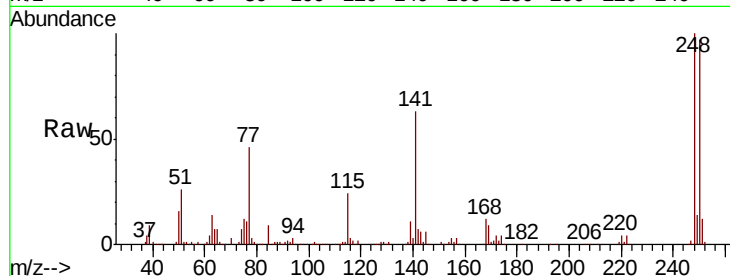
#67  
 4-Bromophenyl-phenylether  
 Concen: 44.724 ng  
 RT: 10.87 min Scan# 1493  
 Delta R.T. -0.00 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-CDMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 247367 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.4  | 77.0  | 115.6  |
| 141       | 62.8  | 56.6  | 85.0   |

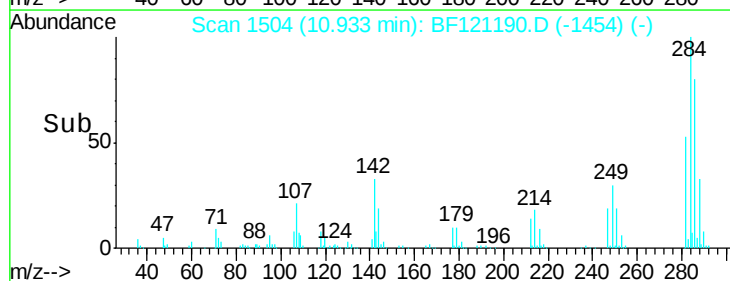
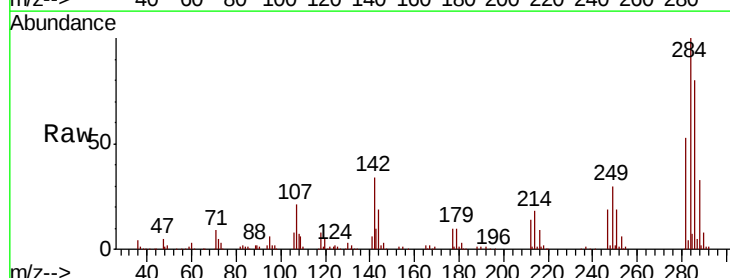
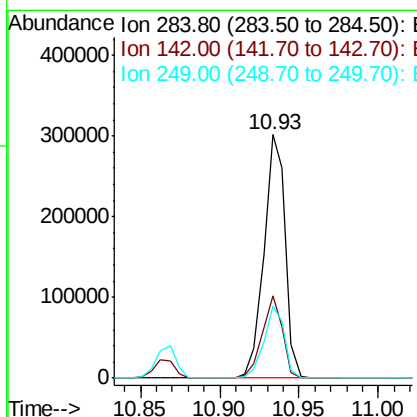
Manual Integrations  
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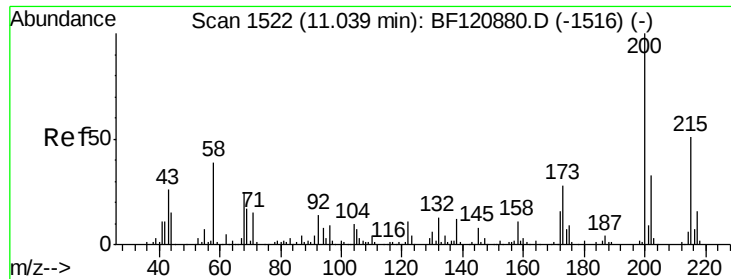
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#68  
 Hexachlorobenzene  
 Concen: 47.520 ng  
 RT: 10.93 min Scan# 1504  
 Delta R.T. -0.01 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 284320 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 33.8  | 21.1  | 31.7#  |
| 249       | 29.7  | 22.5  | 33.7   |





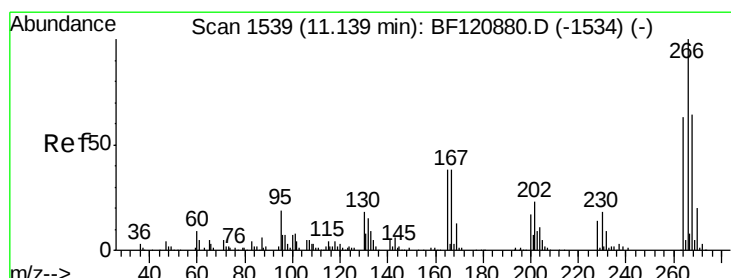
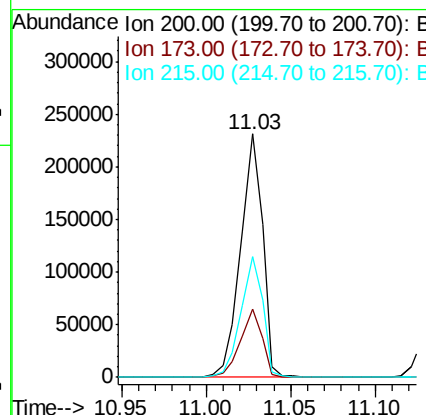
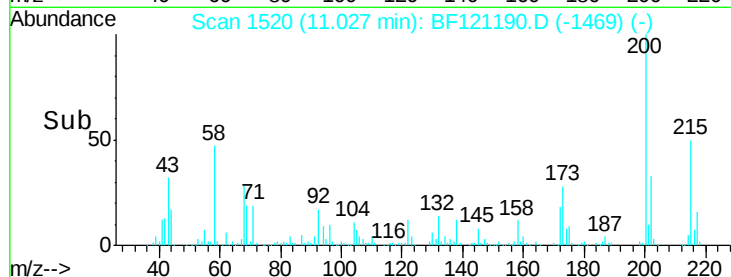
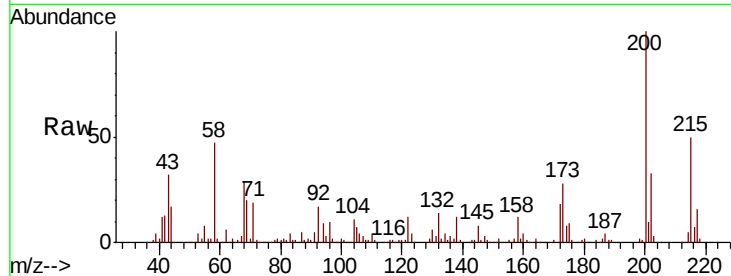
#69  
 Atrazine  
 Concen: 54.358 ng  
 RT: 11.03 min Scan# 1520  
 Delta R.T. -0.00 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.1  | 7.6   | 47.6  |
| 215     | 49.8  | 28.8  | 68.8  |

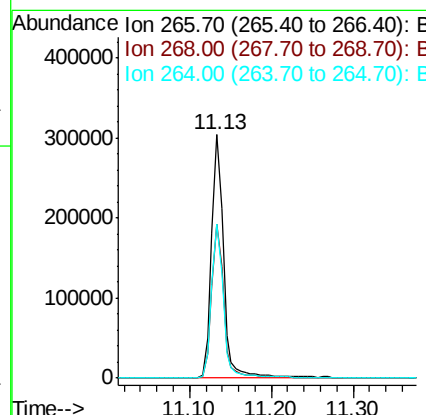
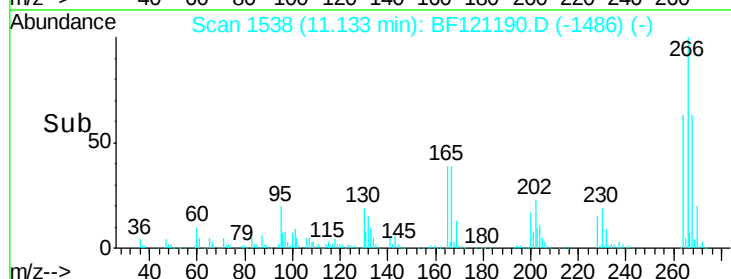
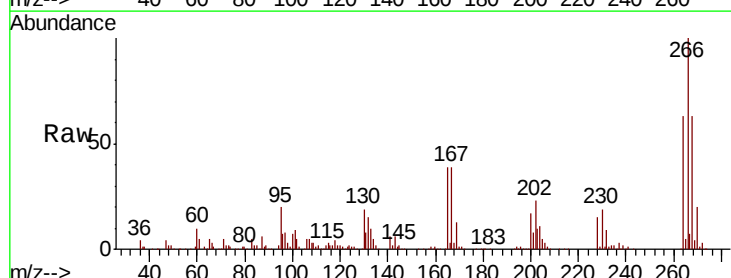
Manual Integrations  
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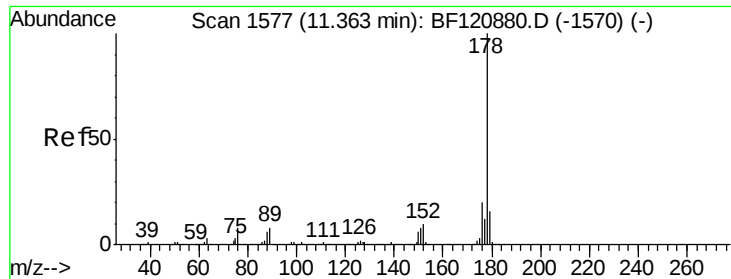
mohammad  
 8/6/2020 1:21:00 PM



#70  
 Pentachlorophenol  
 Concen: 92.522 ng  
 RT: 11.13 min Scan# 1538  
 Delta R.T. 0.01 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.3  | 49.7  | 74.5  |
| 264     | 63.4  | 50.4  | 75.6  |





#71

Phenanthrene

Concen: 45.320 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

ClientSampleId :

COMP-CDMS

Tot Ion:178 Resp: 1156295

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

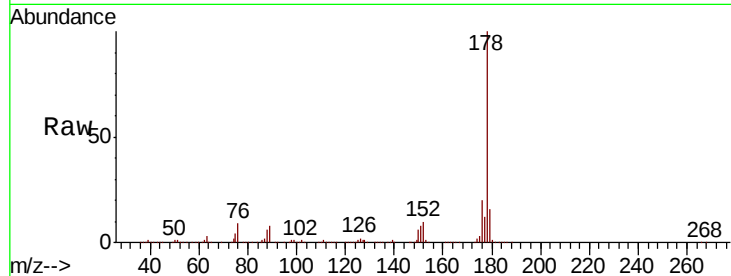
179 16.0 12.6 19.0

Manual Integrations

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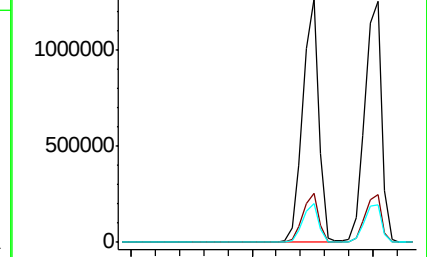
8/6/2020 1:21:00 PM



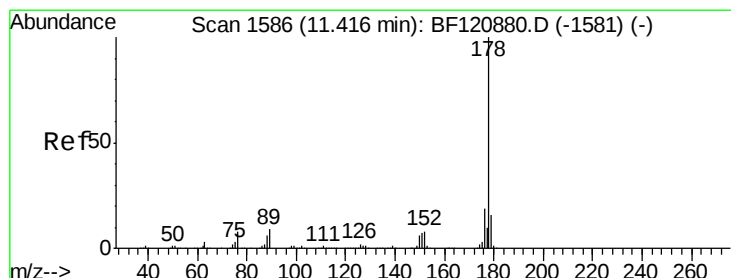
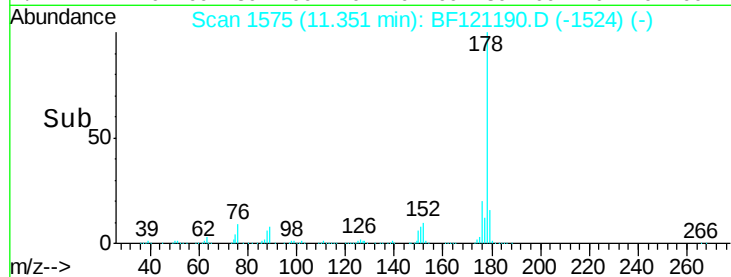
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 46.626 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Tgt Ion:178 Resp: 1194544

Ion Ratio Lower Upper

178 100

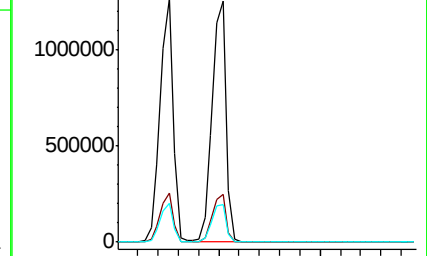
176 19.6 15.8 23.8

179 15.6 12.6 19.0

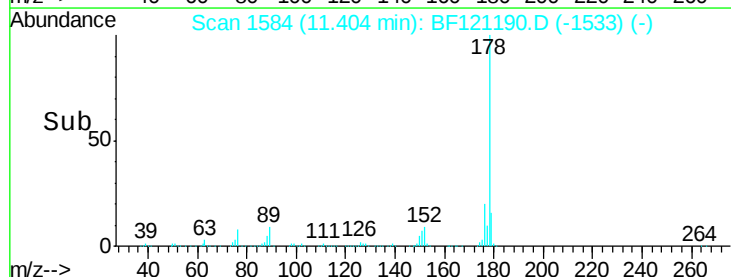
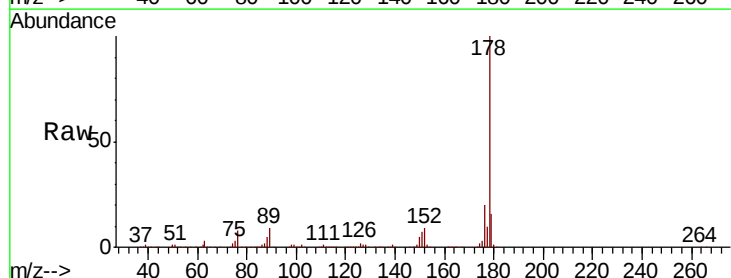
Abundance Ion 178.00 (177.70 to 178.70): E

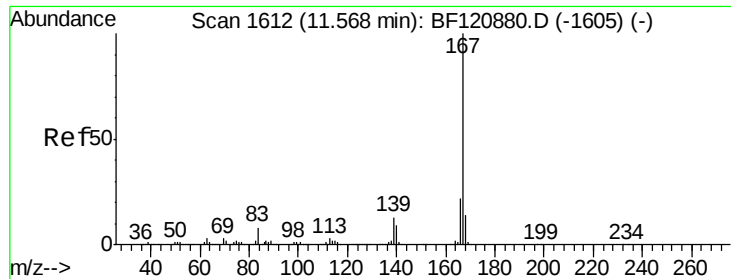
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





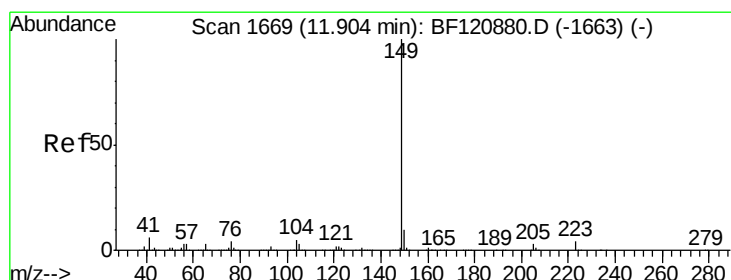
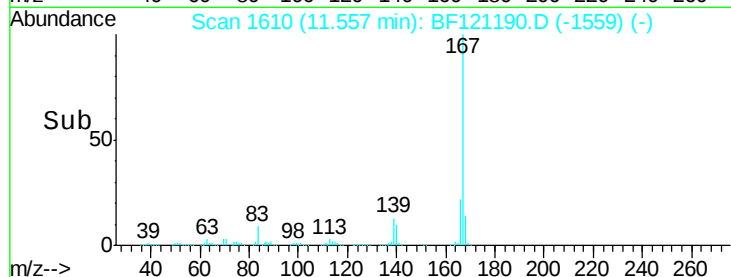
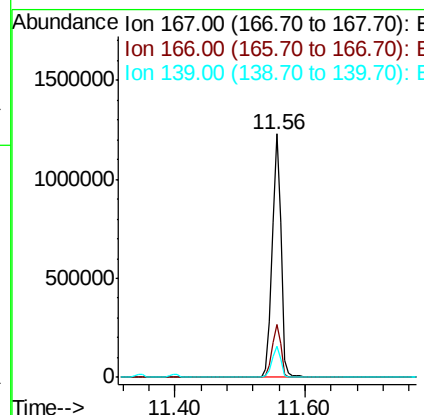
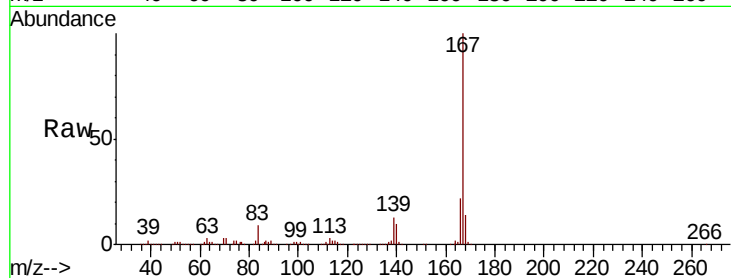
#73  
 Carbazole  
 Concen: 45.551 ng  
 RT: 11.56 min Scan# 1610  
 Delta R.T. -0.00 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.5  | 26.3  |
| 139     | 12.6  | 10.5  | 15.7  |

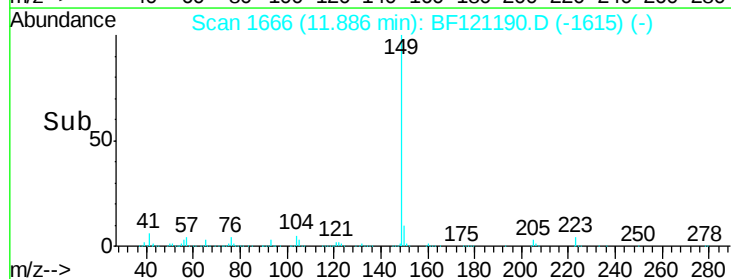
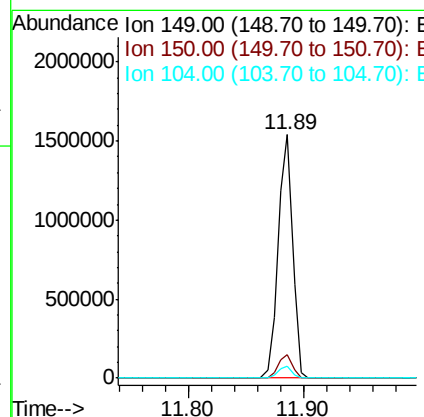
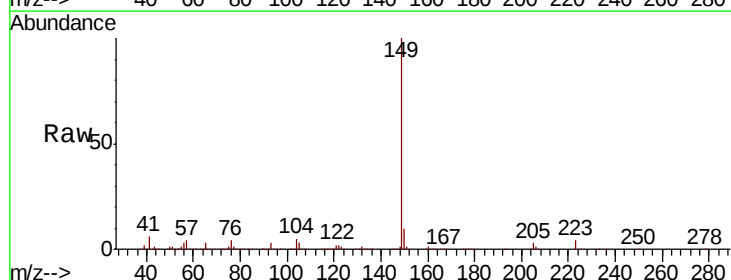
Manual Integrations  
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#74  
 Di-n-butylphthalate  
 Concen: 45.546 ng  
 RT: 11.89 min Scan# 1666  
 Delta R.T. -0.00 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.6   | 7.8   | 11.8  |
| 104     | 4.7   | 3.9   | 5.9   |





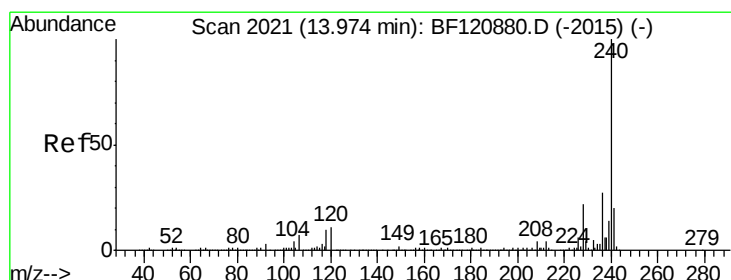
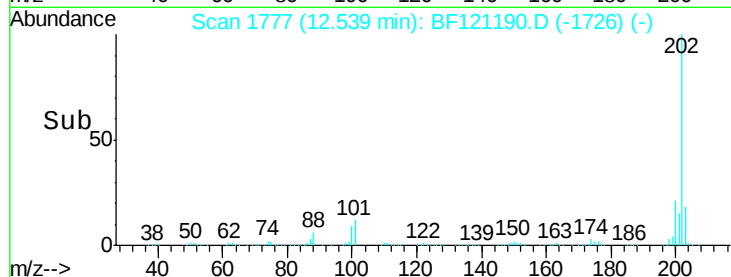
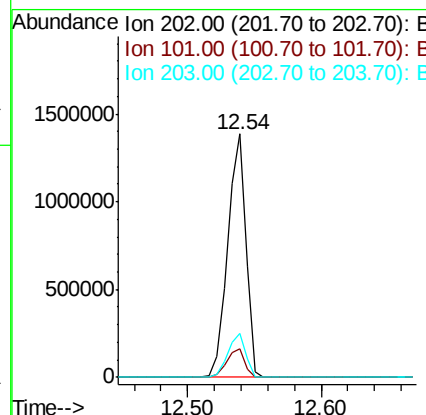
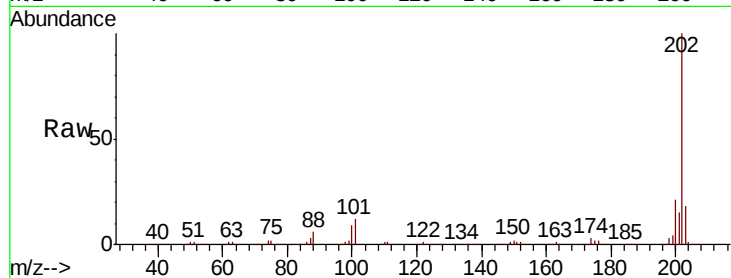
#75  
 Fluoranthene  
 Concen: 47.255 ng  
 RT: 12.54 min Scan# 1777  
 Delta R.T. -0.00 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.5  | 0.0   | 30.5  |
| 203     | 18.2  | 0.0   | 37.7  |

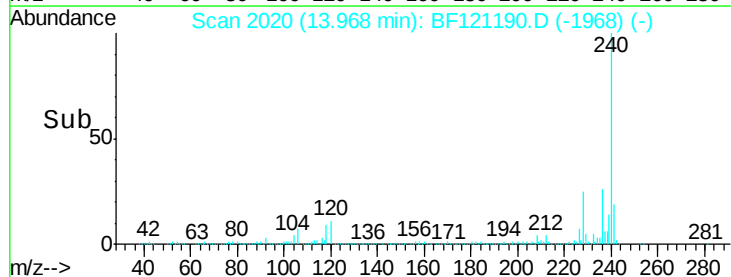
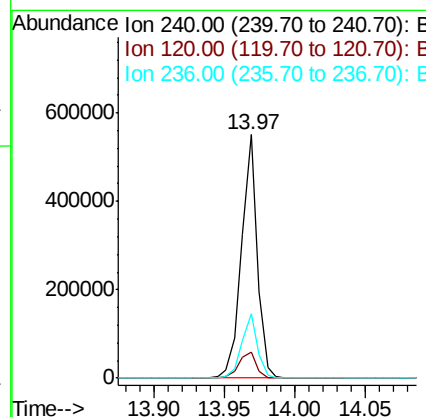
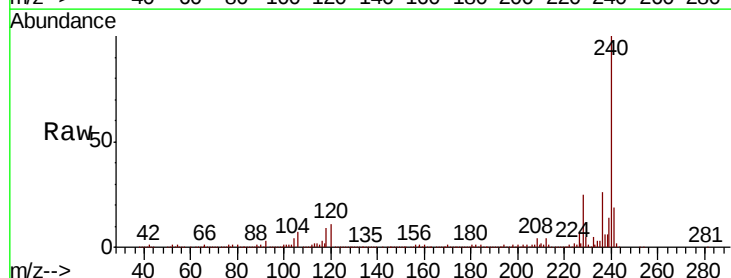
Manual Integrations  
 APPROVED

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 8/6/2020 1:21:00 PM



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2020  
 Delta R.T. 0.01 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.7  | 9.3   | 13.9  |
| 236     | 26.5  | 21.1  | 31.7  |





#77

Benzidine

Concen: 51.598 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

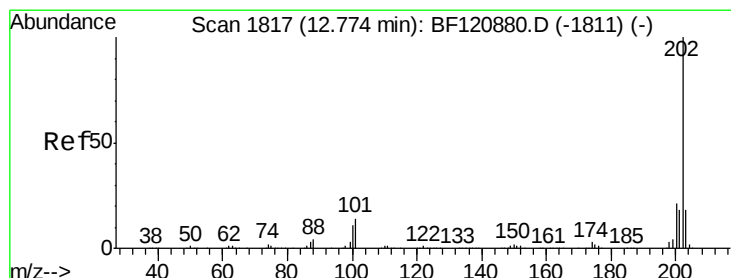
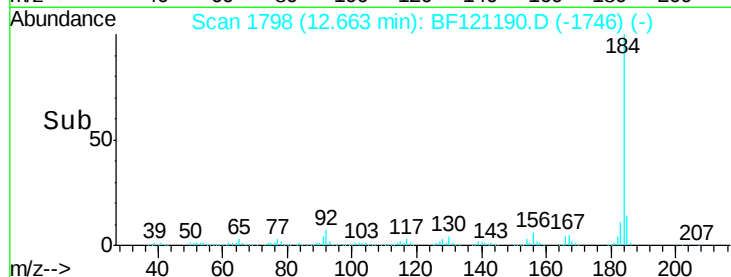
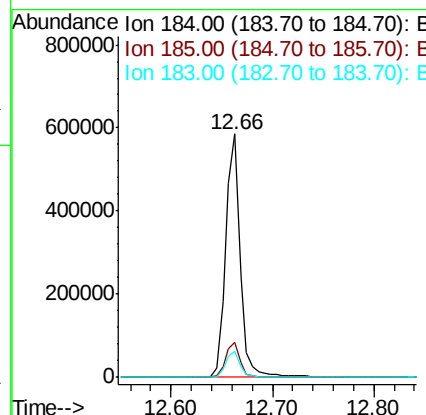
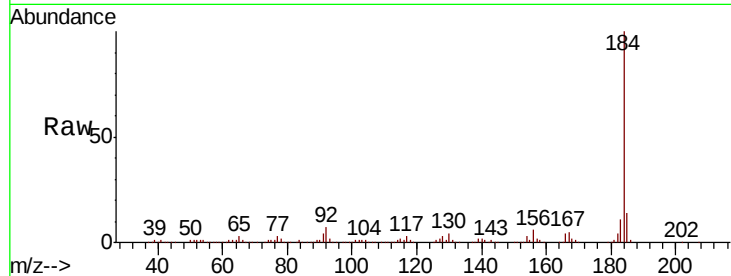
ClientSampleId :

COMP-CDMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 582122 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.1  | 12.1  | 18.1   |
| 183       | 10.9  | 9.0   | 13.4   |

Manual Integrations  
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#78

Pyrene

Concen: 45.070 ng

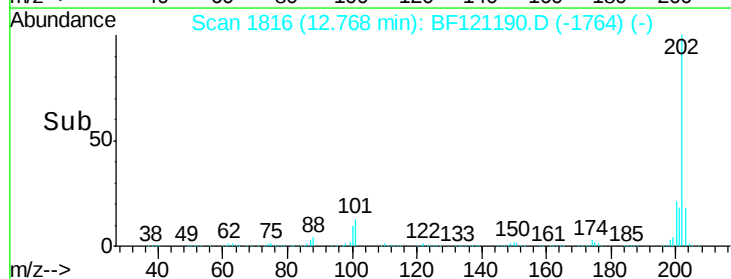
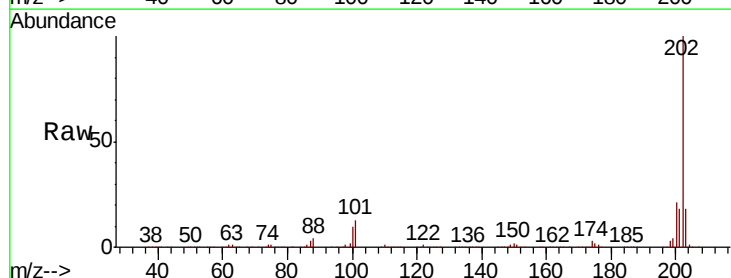
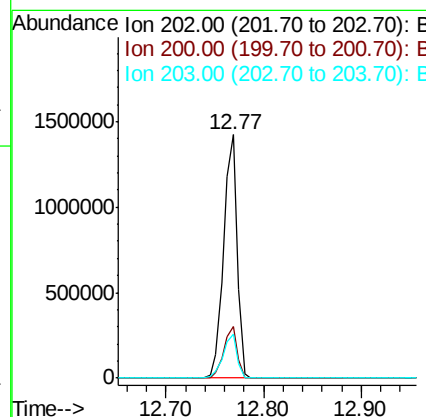
RT: 12.77 min Scan# 1816

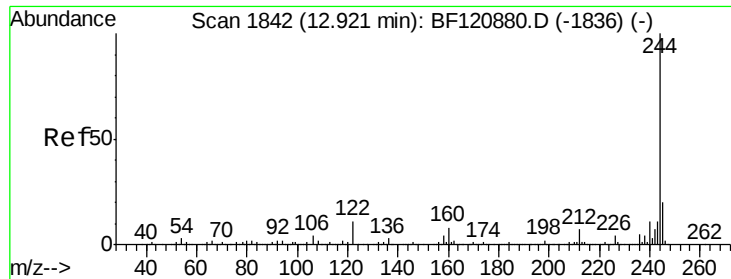
Delta R.T. 0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1367298 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.0  | 17.0  | 25.6    |
| 203       | 17.9  | 14.6  | 21.8    |





#79

Terphenyl-d14

Concen: 60.962 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

ClientSampleId :

COMP-CDMS

Tot Ion:244 Resp: 1203379

Ion Ratio Lower Upper

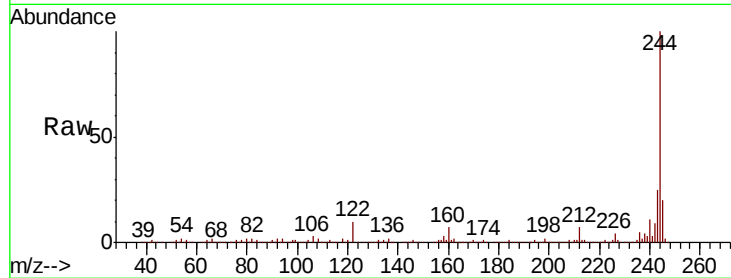
244 100

212 7.0 5.7 8.5

122 10.5 8.3 12.5

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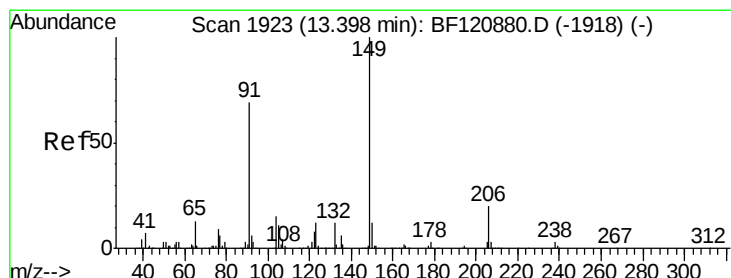
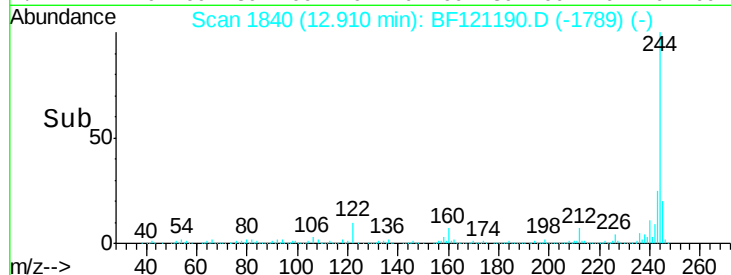
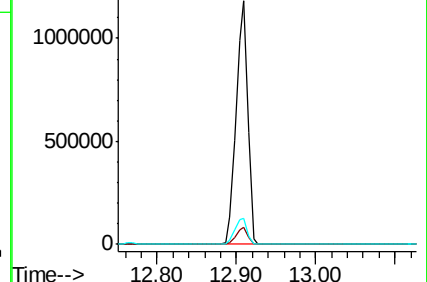
mohammad  
8/6/2020 1:21:00 PM



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: 46.291 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

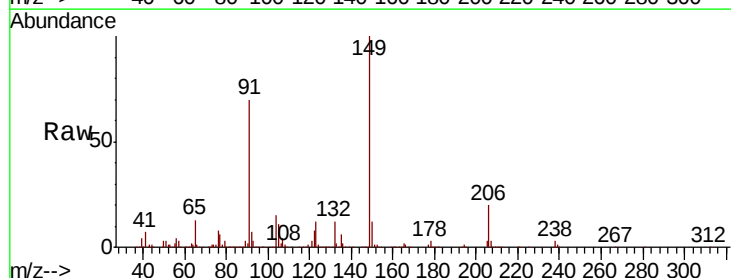
Tgt Ion:149 Resp: 626046

Ion Ratio Lower Upper

149 100

91 69.8 51.4 77.0

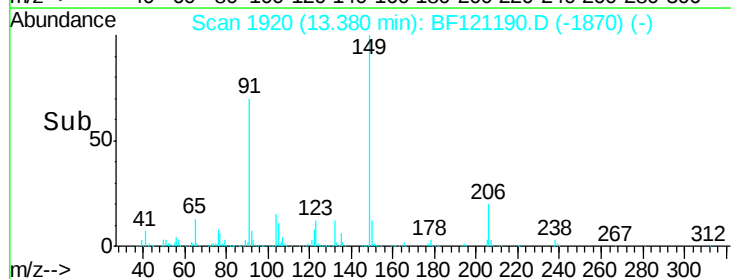
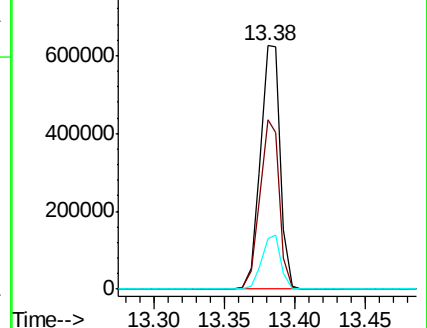
206 20.4 17.9 26.9

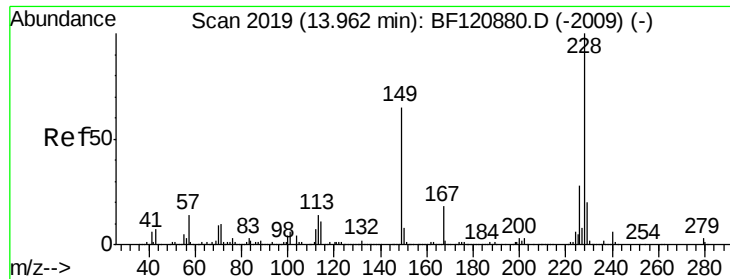


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





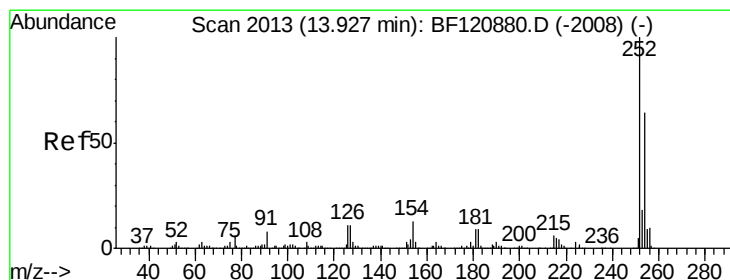
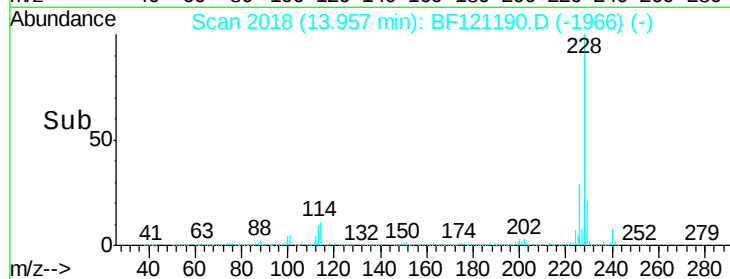
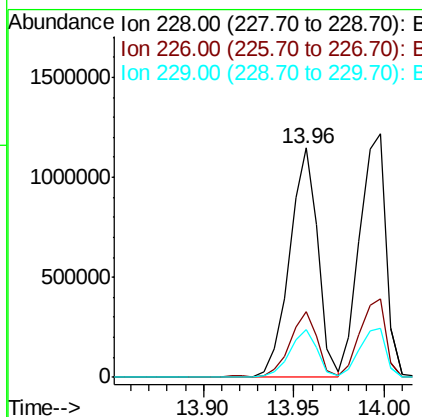
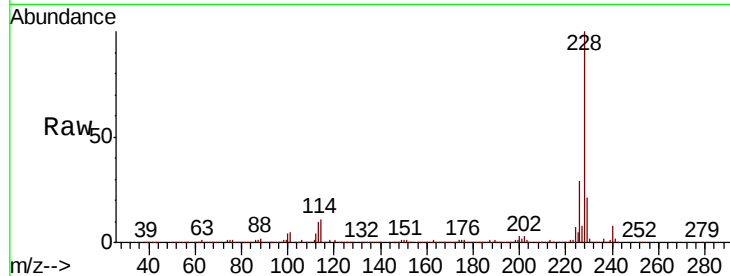
#81  
Benzo(a)anthracene  
Concen: 48.039 ng  
RT: 13.96 min Scan# 2018  
Delta R.T. 0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.6  | 22.6  | 34.0  |
| 229     | 20.6  | 16.1  | 24.1  |

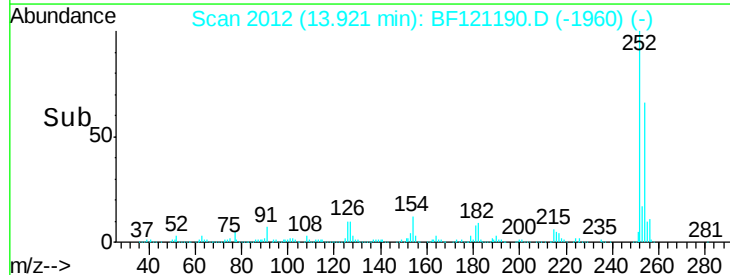
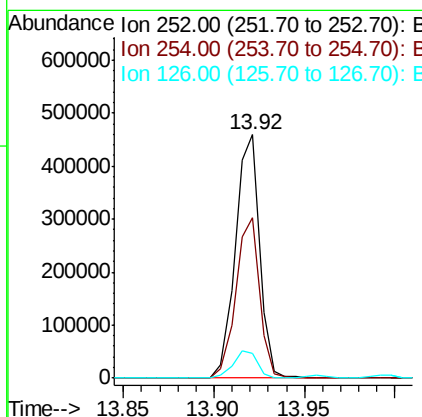
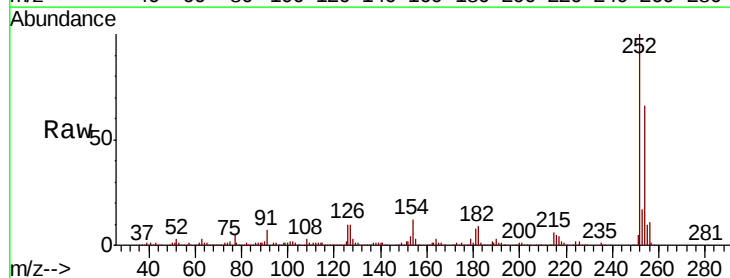
Manual Integrations  
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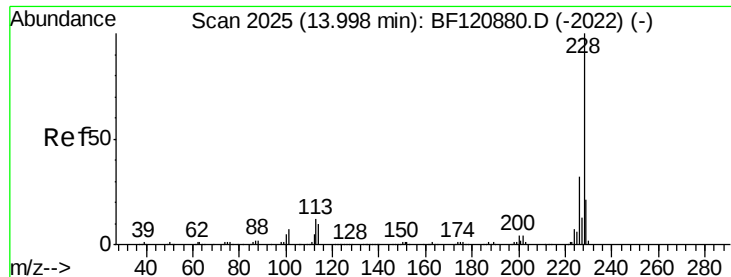
mohammad  
8/6/2020 1:21:00 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 43.540 ng  
RT: 13.92 min Scan# 2012  
Delta R.T. 0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.7  | 51.3  | 76.9  |
| 126     | 10.4  | 9.2   | 13.8  |





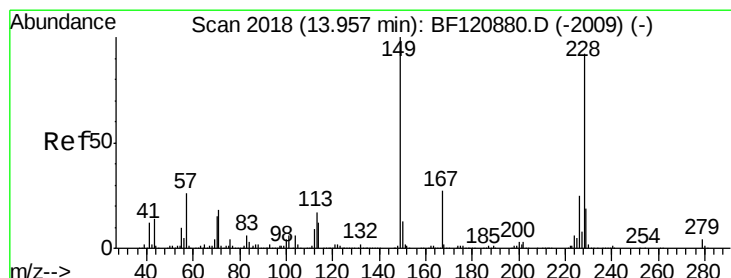
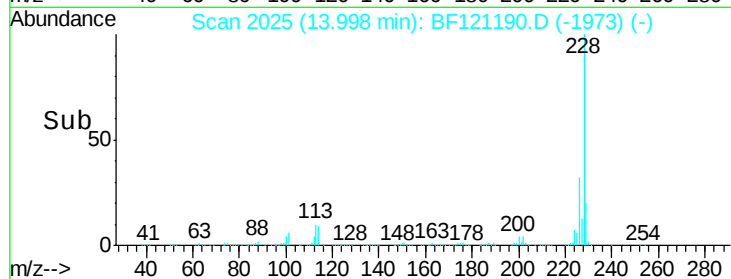
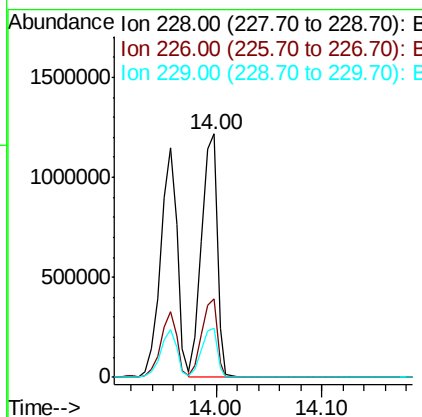
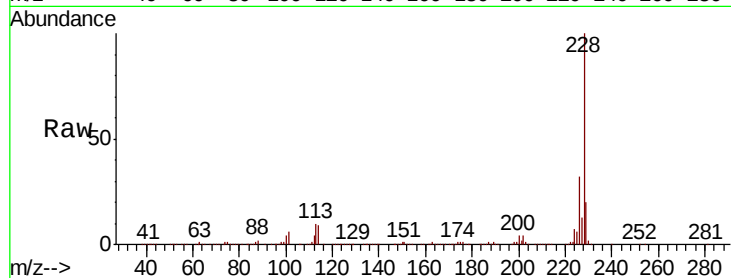
#83  
Chrysene  
Concen: 45.496 ng  
RT: 14.00 min Scan# 2025  
Delta R.T. 0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.2  | 25.4  | 38.0  |
| 229     | 20.4  | 16.2  | 24.4  |

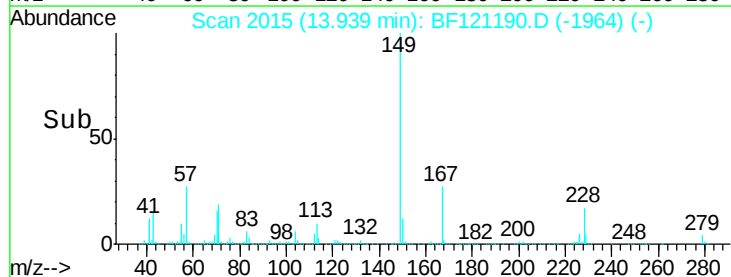
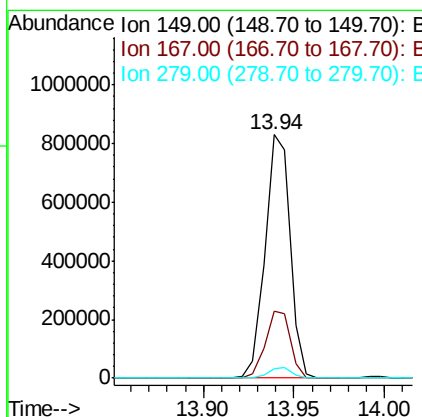
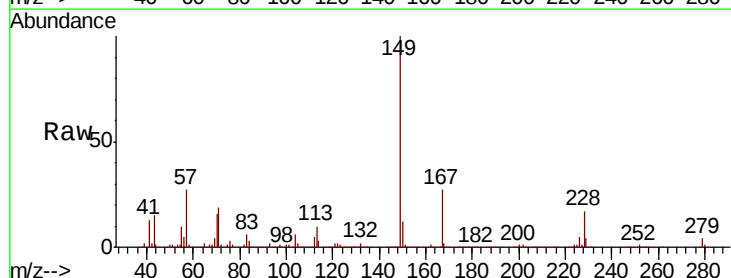
Manual Integrations  
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mohammad  
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 47.762 ng  
RT: 13.94 min Scan# 2015  
Delta R.T. -0.00 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.3  | 21.8  | 32.6  |
| 279     | 3.7   | 2.9   | 4.3   |





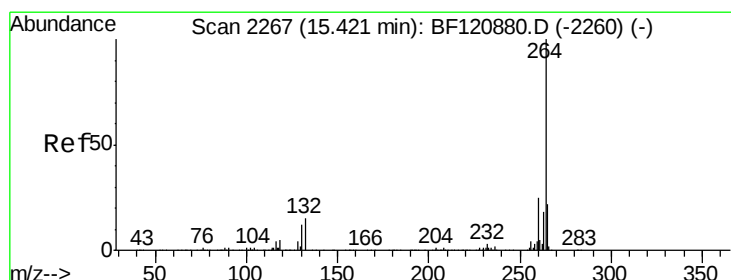
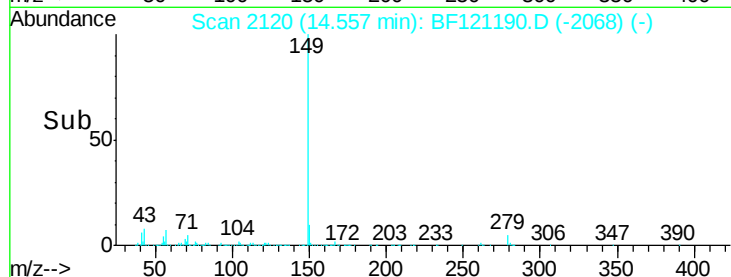
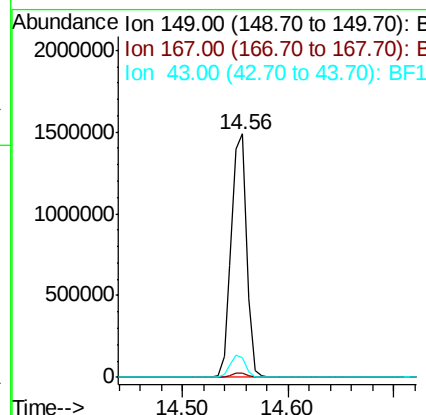
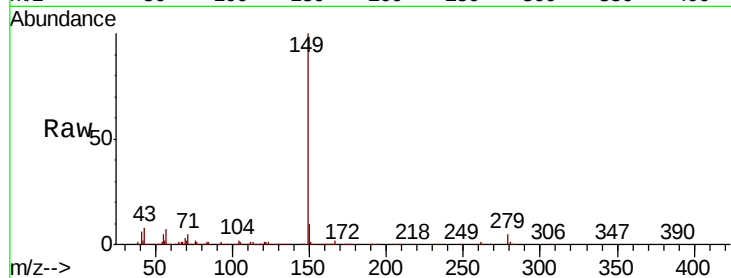
#85  
Di-n-octyl phthalate  
Concen: 45.177 ng  
RT: 14.56 min Scan# 2120  
Delta R.T. 0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 8.8   | 7.5   | 11.3  |

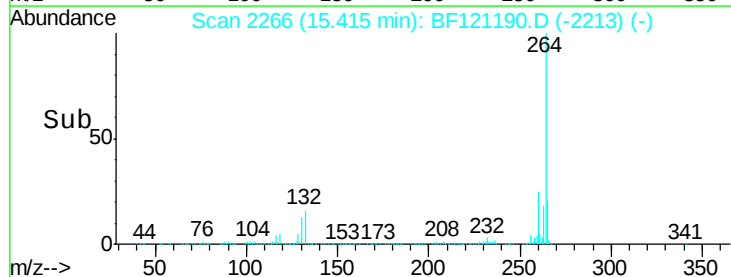
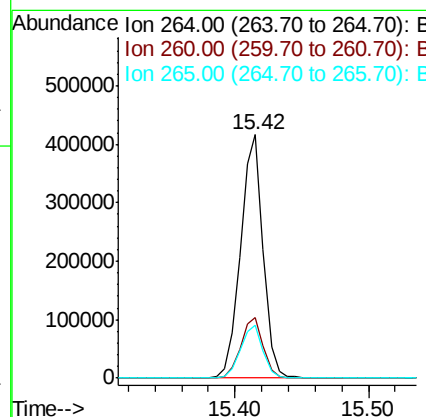
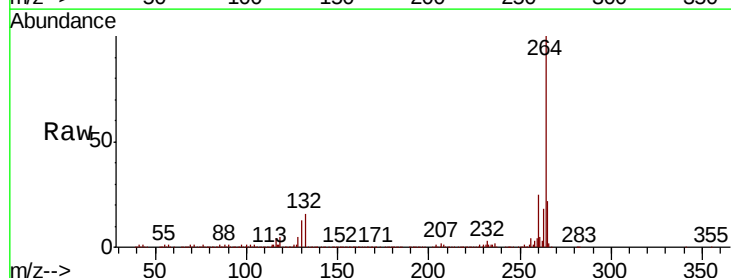
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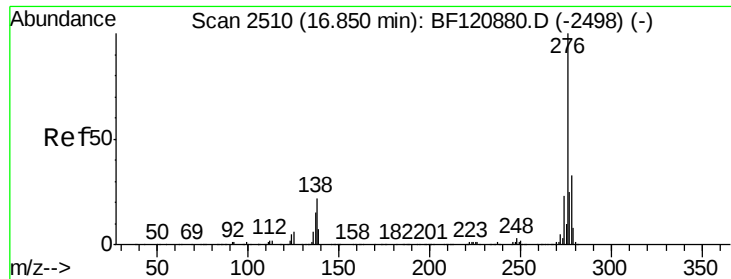
mohammad  
8/6/2020 1:21:00 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. 0.01 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.9  | 19.9  | 29.9  |
| 265     | 21.5  | 17.8  | 26.8  |





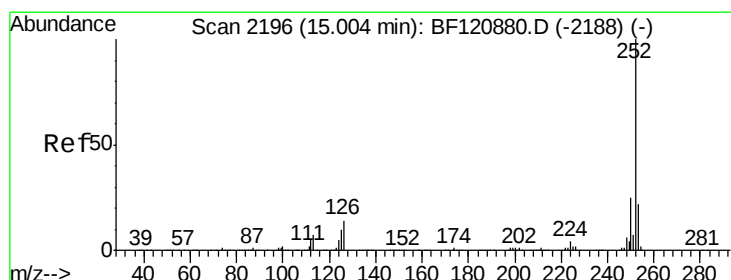
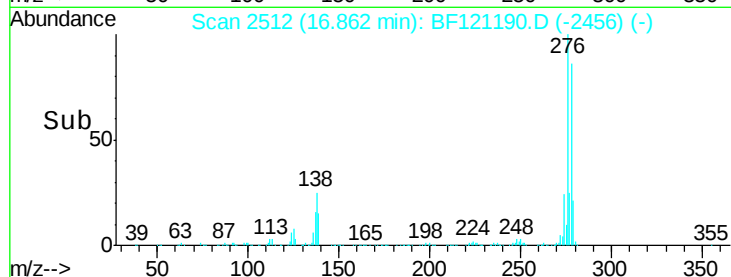
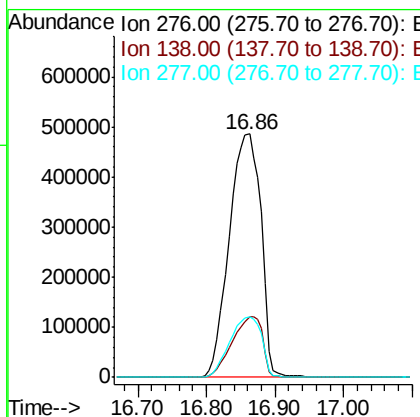
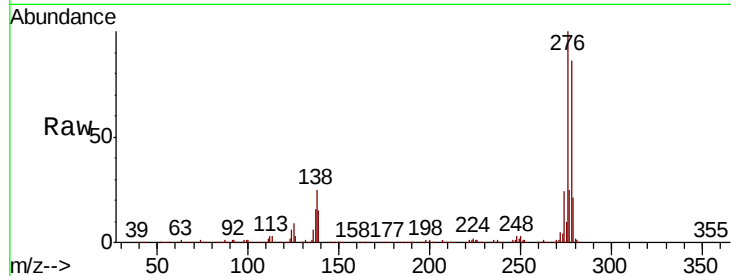
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.079 ng  
 RT: 16.86 min Scan# 2512  
 Delta R.T. 0.03 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-CDMS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 276     | 100  |       |       |       |
| 138     | 24.1 | 19.3  | 28.9  |       |
| 277     | 25.2 | 20.1  | 30.1  |       |

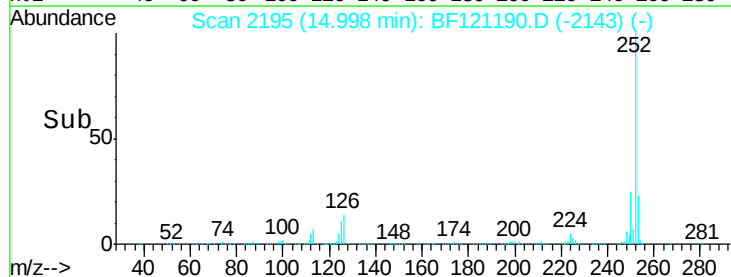
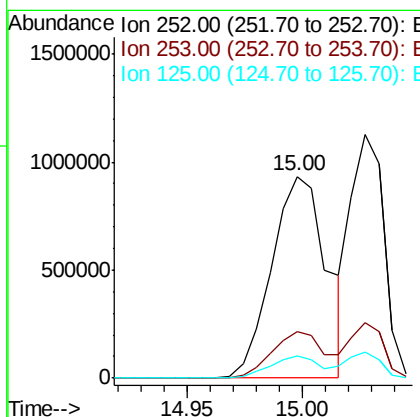
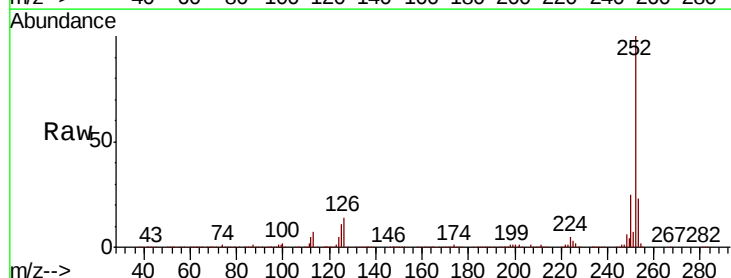
Manual Integrations  
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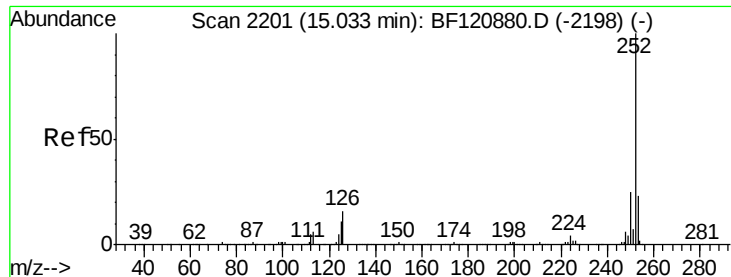
mohammad  
 8/6/2020 1:21:00 PM



#88  
 Benzo(b)fluoranthene  
 Concen: 52.211 ng  
 RT: 15.00 min Scan# 2195  
 Delta R.T. 0.01 min  
 Lab File: BF121190.D  
 Acq: 5 Aug 2020 13:14

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 252     | 100  |       |       |       |
| 253     | 22.8 | 17.9  | 26.9  |       |
| 125     | 10.8 | 8.1   | 12.1  |       |





#89

Benzo(k)fluoranthene

Concen: 42.323 ng

RT: 15.03 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

Instrument :

BNA\_F

ClientSampleId :

COMP-CDMS

Tot Ion:252 Resp: 1138855

Ion Ratio Lower Upper

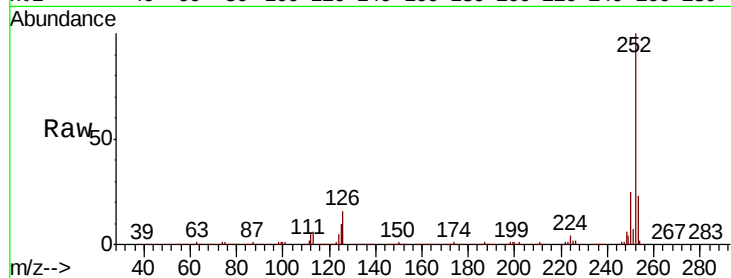
252 100

253 23.0 18.1 27.1

125 10.4 8.0 12.0

Manual Integrations  
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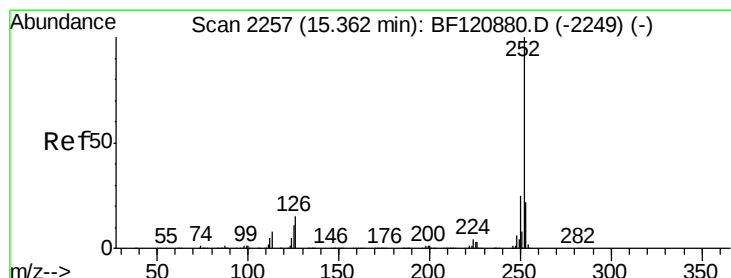
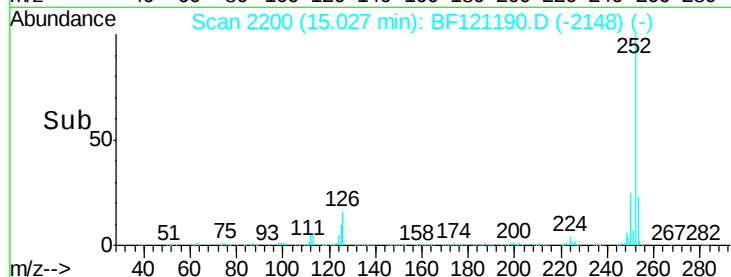
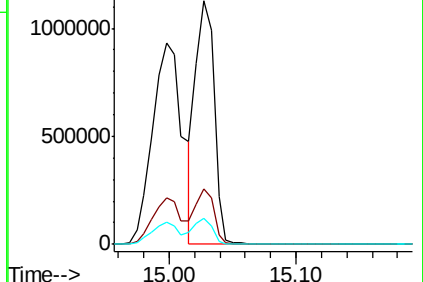
mohammad  
8/6/2020 1:21:00 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.080 ng

RT: 15.36 min Scan# 2256

Delta R.T. 0.01 min

Lab File: BF121190.D

Acq: 5 Aug 2020 13:14

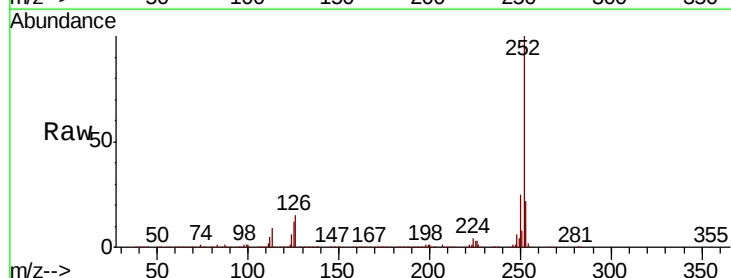
Tgt Ion:252 Resp: 1267384

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

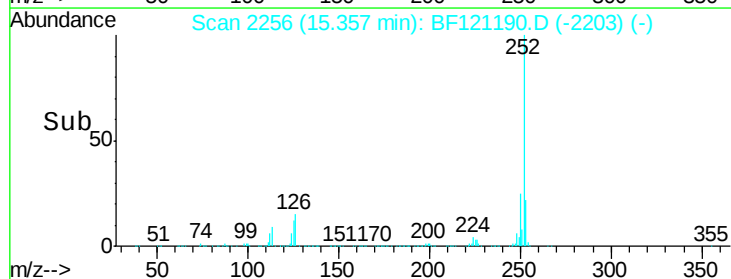
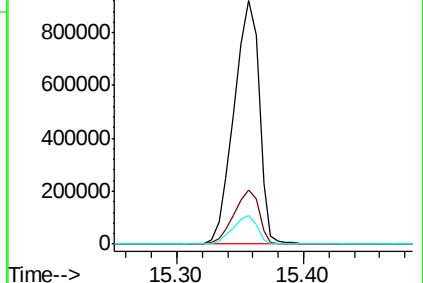
125 11.6 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





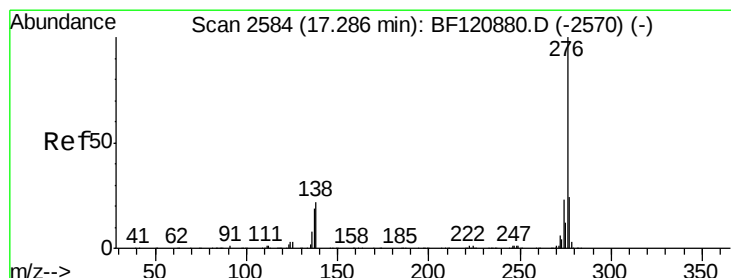
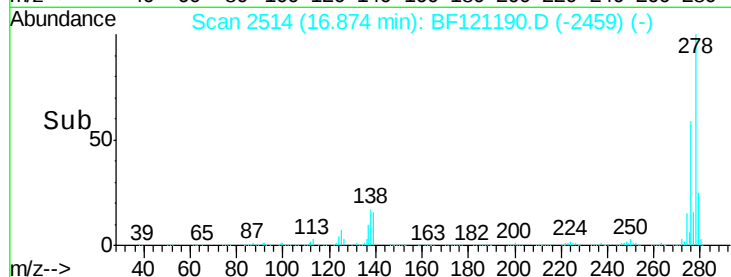
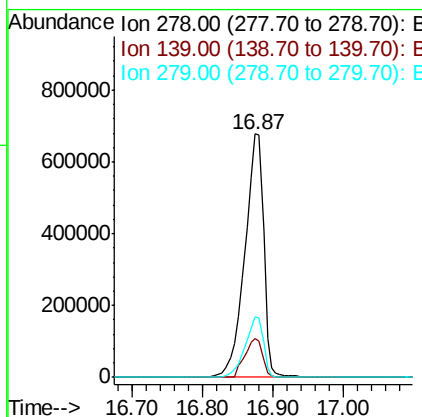
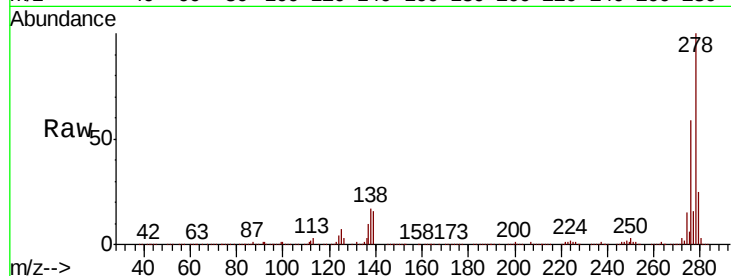
#91  
Dibenzo(a,h)anthracene  
Concen: 45.438 ng  
RT: 16.87 min Scan# 2514  
Delta R.T. 0.02 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-CDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.0  | 12.6  | 18.8  |
| 279     | 24.7  | 19.5  | 29.3  |

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#92  
Benzo(g,h,i)perylene  
Concen: 48.258 ng  
RT: 17.30 min Scan# 2586  
Delta R.T. 0.04 min  
Lab File: BF121190.D  
Acq: 5 Aug 2020 13:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 19.4  | 29.0  |
| 138     | 20.6  | 17.2  | 25.8  |

