

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\  
 Data File : BF114925.D  
 Acq On : 10 Jun 2019 10:30  
 Operator : HP/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

mohammad  
 6/12/2019 9:13:10 AM

Quant Time: Jun 10 12:42:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 10 12:30:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.66  | 152  | 274439   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.94  | 136  | 1126670  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.69  | 164  | 568824   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.16 | 188  | 1123927  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.79 | 240  | 841048   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.16 | 264  | 886931   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.26  | 112  | 394011   | 25.09 | ng    | -0.01    |
| 7) Phenol-d6                | 6.29  | 99   | 479543   | 25.09 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.22  | 82   | 417884   | 22.83 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.47 | 330  | 146223   | 23.85 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.02  | 172  | 919967   | 30.30 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.74 | 244  | 973460   | 22.51 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.28 | 88   | 84781    | 11.306 | ng    | 98     |
| 3) Pyridine                    | 2.98 | 79   | 217031   | 10.531 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 2.89 | 42   | 77488    | 10.274 | ng    | 99     |
| 6) Aniline                     | 6.32 | 93   | 323729   | 11.938 | ng    | # 81   |
| 8) 2-Chlorophenol              | 6.44 | 128  | 217209   | 11.970 | ng    | 96     |
| 9) Benzaldehyde                | 6.20 | 77   | 158036   | 11.921 | ng    | 99     |
| 10) Phenol                     | 6.30 | 94   | 266862   | 12.211 | ng    | # 76   |
| 11) bis(2-Chloroethyl)ether    | 6.39 | 93   | 197955   | 11.606 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 6.60 | 146  | 255879   | 12.101 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 6.67 | 146  | 255605   | 12.013 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 6.83 | 146  | 245637   | 12.783 | ng    | 96     |
| 15) Benzyl Alcohol             | 6.80 | 79   | 172610   | 11.944 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.95 | 45   | 278006   | 11.397 | ng    | 98     |
| 17) 2-Methylphenol             | 6.92 | 107  | 174256   | 11.234 | ng    | 96     |
| 18) Hexachloroethane           | 7.17 | 117  | 90655    | 11.320 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.07 | 70   | 142700   | 11.280 | ng    | 95     |
| 20) 3+4-Methylphenols          | 7.07 | 107  | 221751   | 12.961 | ng    | 97     |
| 22) Acetophenone               | 7.06 | 105  | 303211   | 12.224 | ng    | 93     |
| 24) Nitrobenzene               | 7.23 | 77   | 215134   | 11.346 | ng    | 99     |
| 25) Isophorone                 | 7.48 | 82   | 394663   | 10.907 | ng    | 99     |
| 26) 2-Nitrophenol              | 7.56 | 139  | 110604   | 10.770 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 7.60 | 122  | 177113   | 11.347 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.69 | 93   | 263374   | 11.387 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 7.80 | 162  | 185885   | 11.320 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 7.89 | 180  | 216007   | 11.464 | ng    | 96     |
| 31) Naphthalene                | 7.96 | 128  | 659632   | 13.005 | ng    | 97     |
| 32) Benzoic acid               | 7.69 | 122  | 90675    | 7.976  | ng    | 99     |
| 33) 4-Chloroaniline            | 8.01 | 127  | 287568   | 11.884 | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.09 | 225  | 122411   | 11.427 | ng    | 100    |
| 35) Caprolactam                | 8.35 | 113  | 59265    | 11.048 | ng    | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.49 | 107  | 186708   | 11.426 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 8.65 | 142  | 436094   | 12.395 | ng    | 97     |
| 38) 1-Methylnaphthalene        | 8.75 | 142  | 415623m  | 12.457 | ng    |        |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.82 | 216  | 197273   | 12.034 | ng    | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\  
 Data File : BF114925.D  
 Acq On : 10 Jun 2019 10:30  
 Operator : HP/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

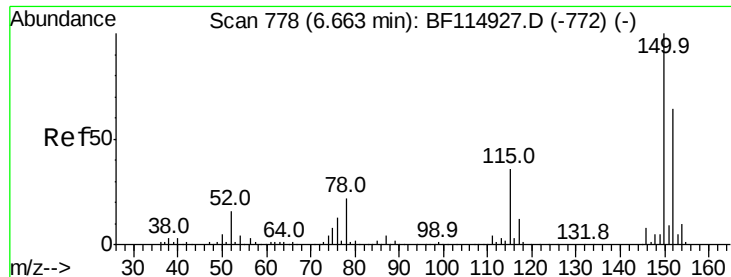
mohammad  
 6/12/2019 9:13:10 AM

Quant Time: Jun 10 12:42:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 10 12:30:05 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.81  | 237  | 84638    | 8.513  | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 8.93  | 196  | 136083   | 10.676 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 8.97  | 196  | 141456   | 11.019 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.12  | 154  | 547811   | 12.994 | nq    | 95       |
| 47) 2-Chloronaphthalene        | 9.13  | 162  | 434904   | 12.140 | nq    | 96       |
| 48) 2-Nitroaniline             | 9.23  | 65   | 117881   | 11.027 | nq    | 96       |
| 49) Acenaphthylene             | 9.55  | 152  | 680227   | 13.094 | nq    | 97       |
| 50) Dimethylphthalate          | 9.41  | 163  | 498310   | 11.995 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.47  | 165  | 108577   | 11.113 | nq    | 96       |
| 52) Acenaphthene               | 9.72  | 154  | 404178   | 11.877 | nq    | 98       |
| 53) 3-Nitroaniline             | 9.63  | 138  | 130561   | 11.439 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.75  | 184  | 36549    | 8.267  | nq    | 93       |
| 55) Dibenzofuran               | 9.89  | 168  | 604155   | 12.767 | nq    | 92       |
| 56) 4-Nitrophenol              | 9.80  | 139  | 82833    | 9.904  | nq    | 93       |
| 57) 2,4-Dinitrotoluene         | 9.87  | 165  | 142620   | 11.612 | nq    | 99       |
| 58) Fluorene                   | 10.23 | 166  | 463395   | 13.653 | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.01 | 232  | 116593   | 11.086 | nq    | 99       |
| 60) Diethylphthalate           | 10.11 | 149  | 503938   | 12.088 | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 10.23 | 204  | 228794   | 12.624 | nq    | 97       |
| 62) 4-Nitroaniline             | 10.24 | 138  | 128777   | 11.633 | nq    | 96       |
| 63) Azobenzene                 | 10.39 | 77   | 436043   | 12.288 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.28 | 198  | 54224    | 9.288  | nq    | 93       |
| 66) n-Nitrosodiphenylamine     | 10.34 | 169  | 405752   | 11.939 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.71 | 248  | 142052   | 11.128 | nq    | 99       |
| 68) Hexachlorobenzene          | 10.78 | 284  | 161175   | 11.537 | nq    | 97       |
| 69) Atrazine                   | 10.87 | 200  | 136171   | 11.521 | nq    | 100      |
| 70) Pentachlorophenol          | 10.97 | 266  | 70482    | 8.727  | nq    | 97       |
| 71) Phenanthrene               | 11.19 | 178  | 716994   | 13.363 | nq    | 96       |
| 72) Anthracene                 | 11.23 | 178  | 720940   | 12.768 | nq    | 96       |
| 73) Carbazole                  | 11.39 | 167  | 647785   | 13.382 | nq    | 97       |
| 74) Di-n-butylphthalate        | 11.73 | 149  | 815391   | 12.807 | nq    | 97       |
| 75) Fluoranthene               | 12.36 | 202  | 741595   | 13.280 | nq    | 97       |
| 77) Benzidine                  | 12.49 | 184  | 428263   | 10.286 | nq    | 96       |
| 78) Pyrene                     | 12.59 | 202  | 762162   | 10.446 | nq    | 96       |
| 80) Butylbenzylphthalate       | 13.22 | 149  | 338191   | 9.179  | nq    | 94       |
| 81) Benzo(a)anthracene         | 13.77 | 228  | 670695   | 10.348 | nq    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 13.74 | 252  | 264623   | 10.069 | nq    | # 97     |
| 83) Chrysene                   | 13.81 | 228  | 660881   | 10.482 | nq    | 96       |
| 84) Bis(2-ethylhexyl)phthalate | 13.79 | 149  | 459510   | 9.863  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.39 | 149  | 805182   | 10.171 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.46 | 276  | 576157   | 8.009  | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.77 | 252  | 677913   | 12.006 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 14.80 | 252  | 566762   | 11.820 | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.10 | 252  | 573406   | 11.733 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.47 | 278  | 470578   | 10.168 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 16.85 | 276  | 446870   | 9.602  | nq    | 98       |

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





#1

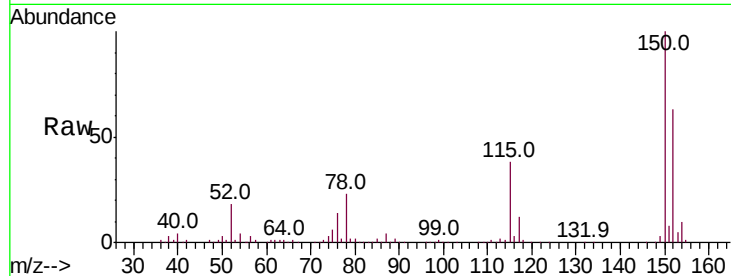
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.66 min Scan# 777  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.4 | 125.2 | 187.8 |
| 115     | 60.3  | 45.0  | 67.4  |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM

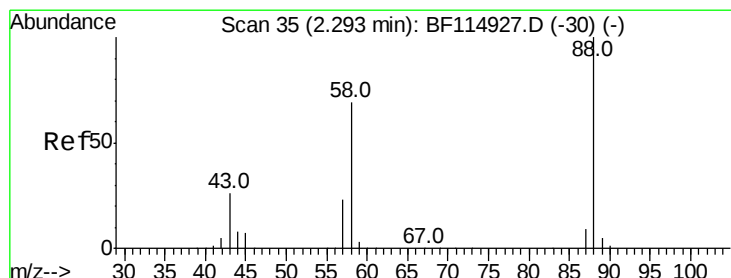
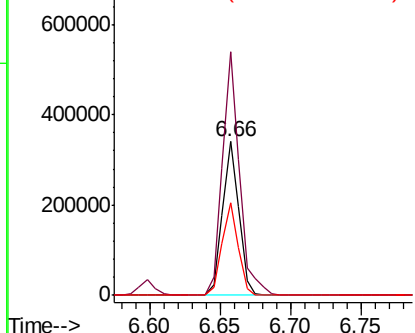
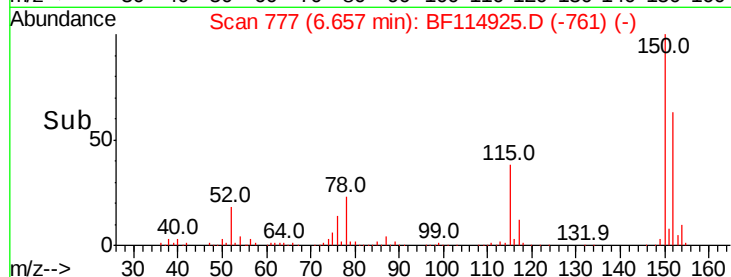


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

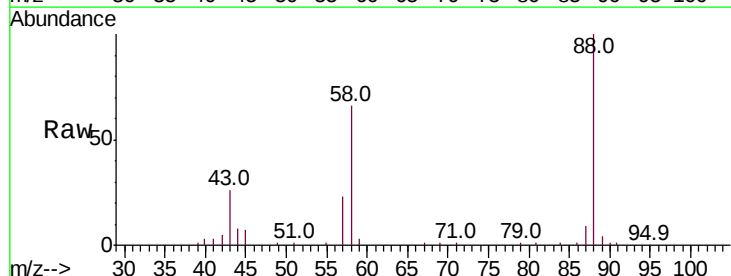
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 11.306 ng  
RT: 2.28 min Scan# 33  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 65.7  | 54.2  | 81.2  |
| 43      | 26.5  | 20.6  | 30.8  |

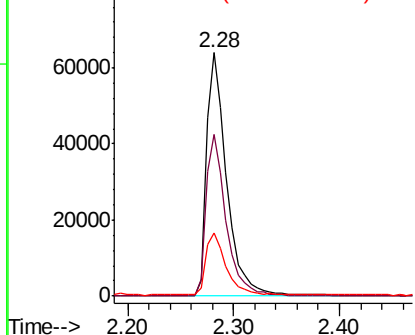
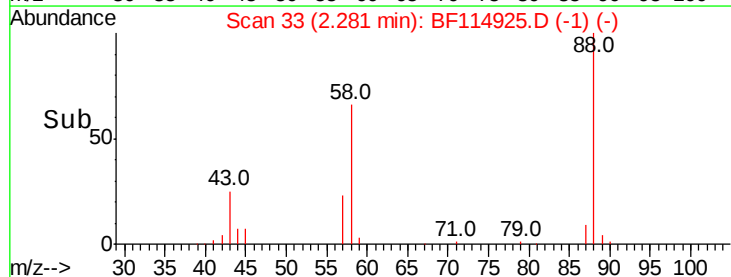


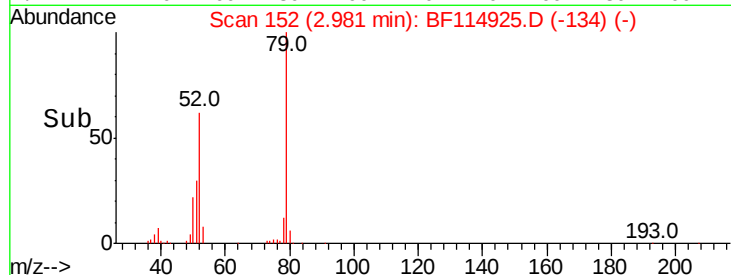
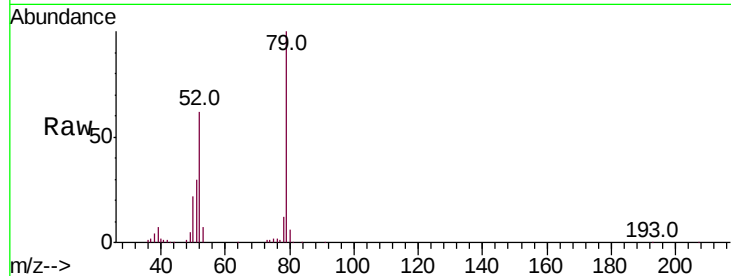
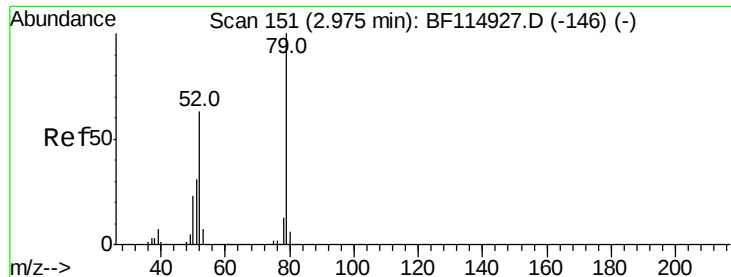
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





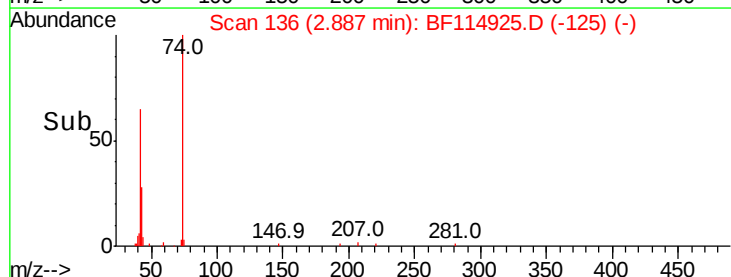
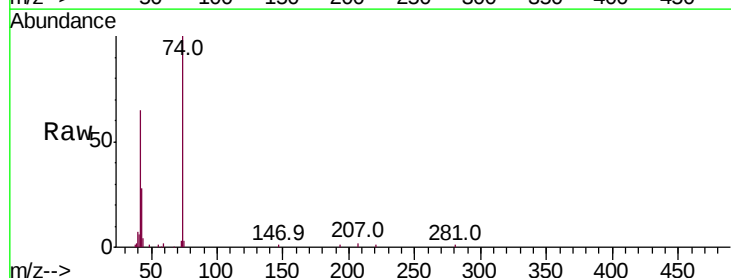
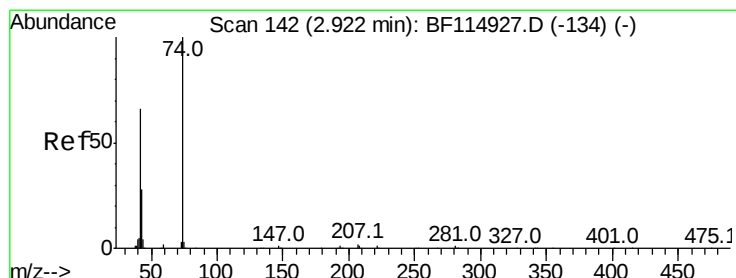
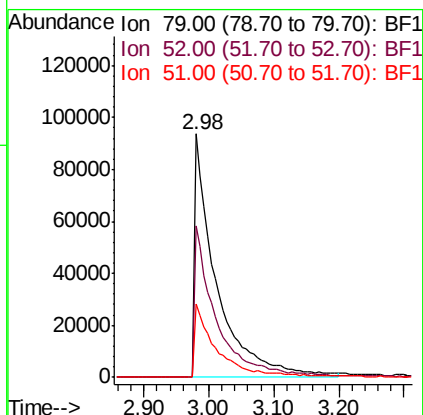
#3  
Pvridine  
Concen: 10.531 ng  
RT: 2.98 min Scan# 152  
Delta R.T. 0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 62.2  | 50.2  | 75.2  |
| 51      | 30.4  | 24.6  | 37.0  |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

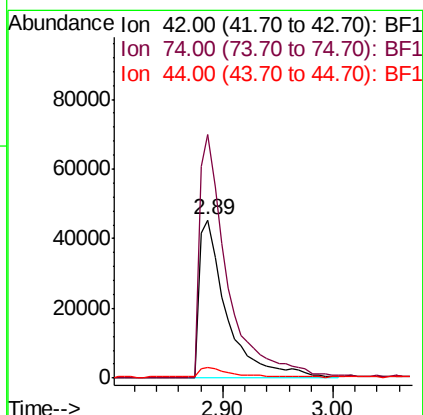
Manual Integrations  
APPROVED

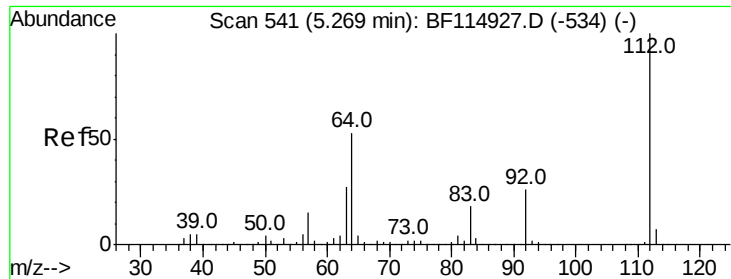
mohammad  
6/12/2019 9:13:10 AM



#4  
n-Nitrosodimethylamine  
Concen: 10.274 ng  
RT: 2.89 min Scan# 136  
Delta R.T. -0.04 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 154.2 | 121.9 | 182.9 |
| 44      | 6.9   | 5.1   | 7.7   |





#5

2-Fluorophenol

Concen: 25.087 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

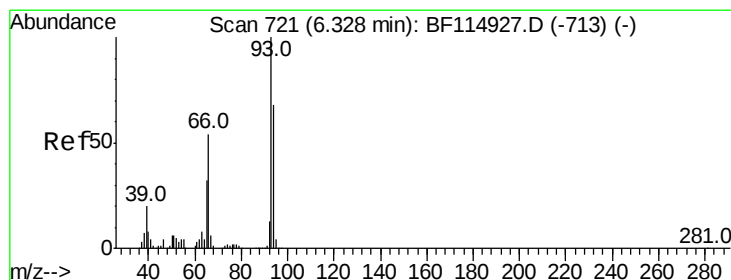
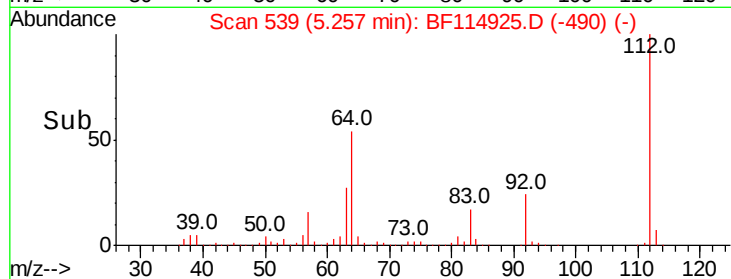
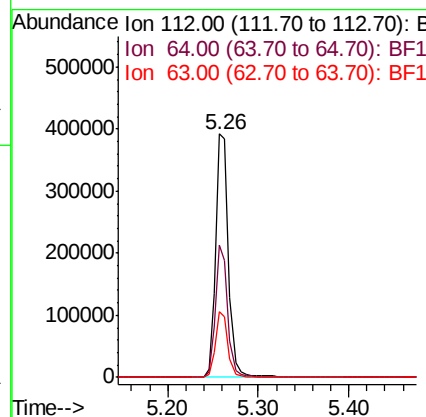
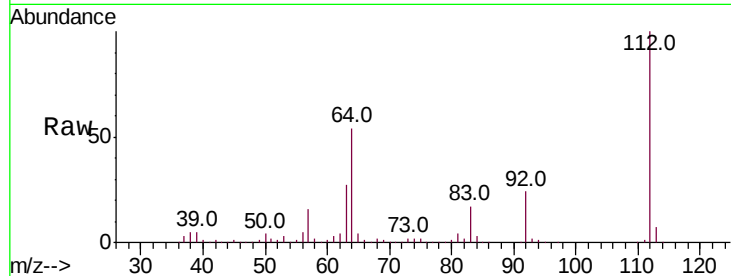
ClientSampled :

SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 394011 |       |       |
| 64      | 54.2  | 42.1   | 63.1  |       |
| 63      | 27.0  | 21.8   | 32.8  |       |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM



#6

Aniline

Concen: 11.938 ng

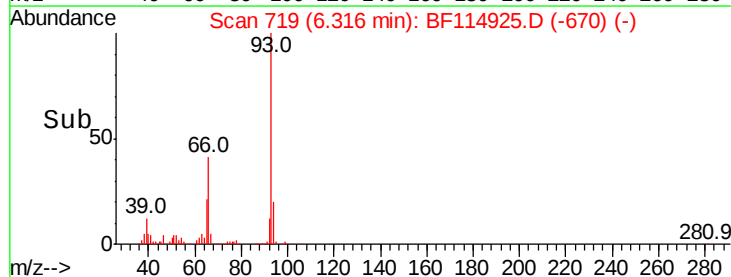
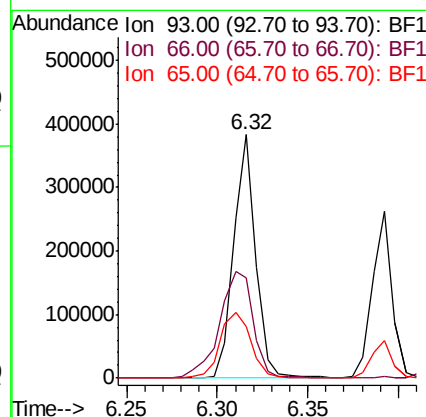
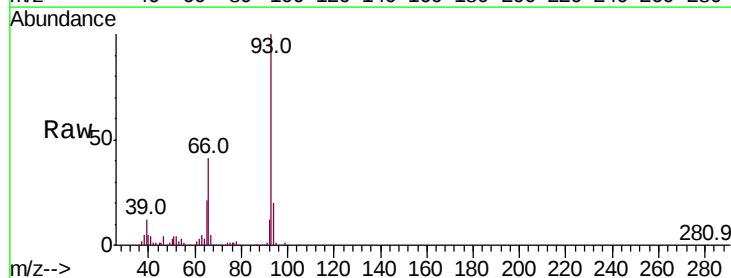
RT: 6.32 min Scan# 719

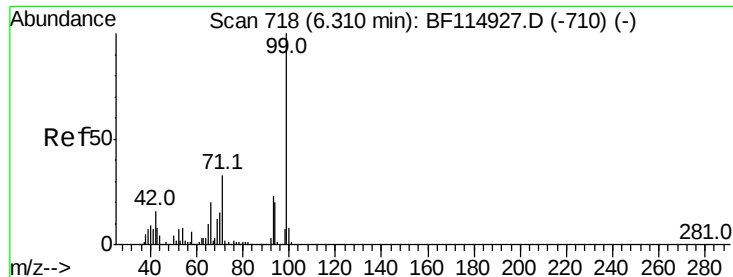
Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 323729 |       |       |
| 66      | 41.3  | 43.6   | 65.4# |       |
| 65      | 21.3  | 25.7   | 38.5# |       |





#7

Phenol-d6

Concen: 25.092 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

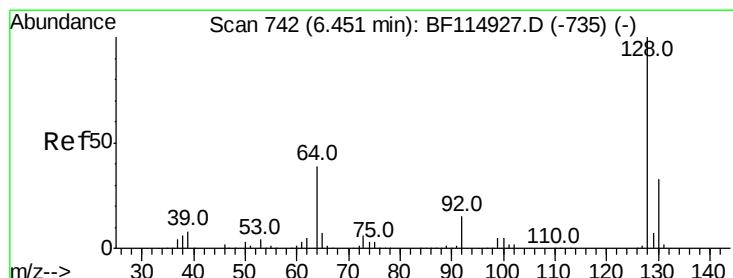
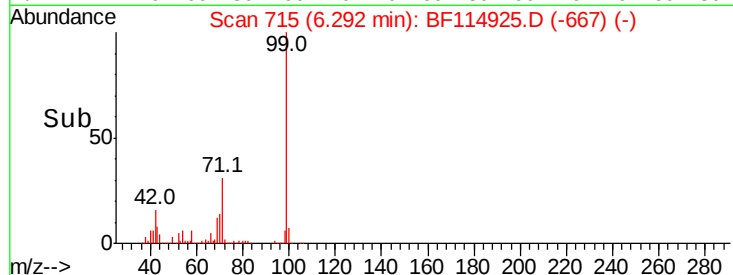
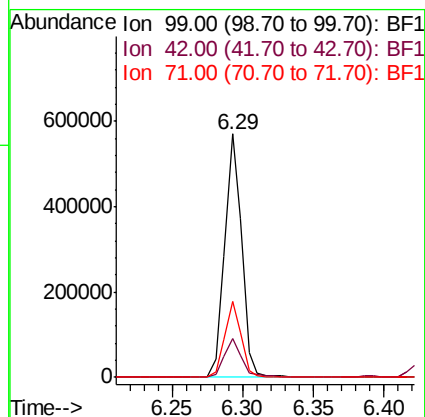
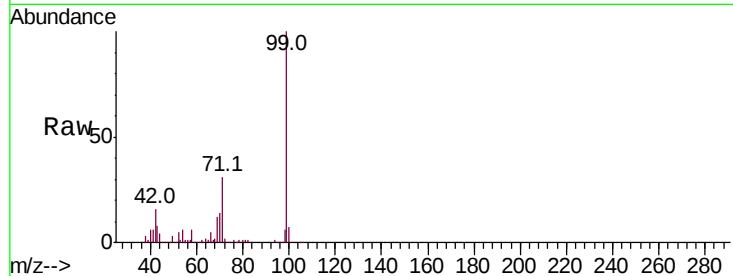
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 479543 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 15.9  | 13.1  | 19.7   |
| 71        | 31.0  | 26.8  | 40.2   |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM



#8

2-Chlorophenol

Concen: 11.970 ng

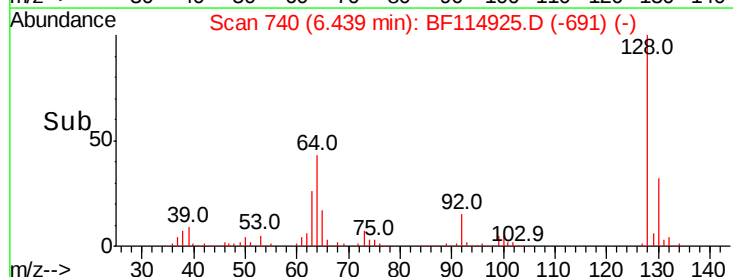
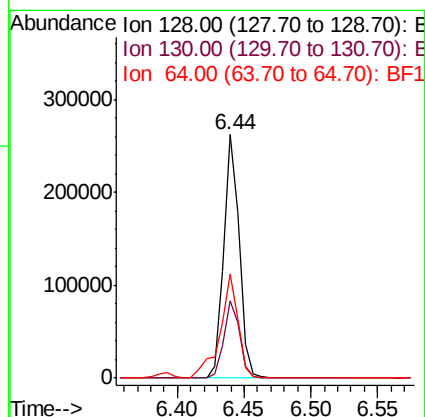
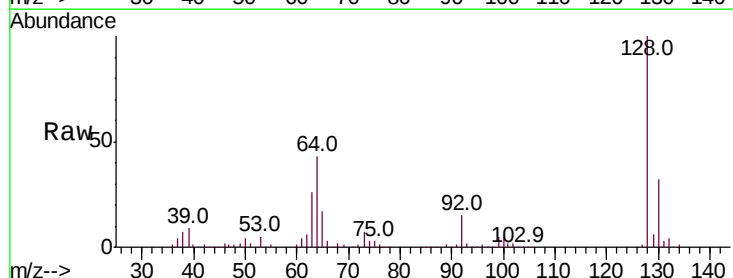
RT: 6.44 min Scan# 740

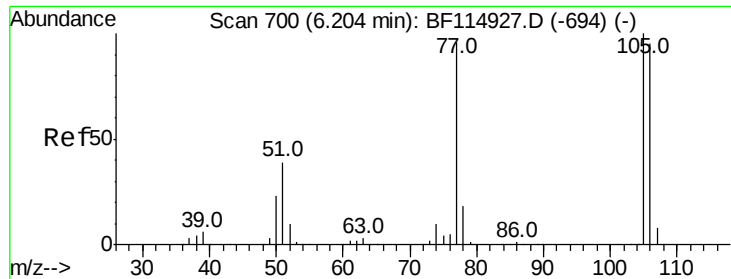
Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 217209 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.9  | 13.3  | 53.3   |
| 64        | 42.6  | 19.5  | 59.5   |





#9

Benzaldehyde

Concen: 11.921 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

ClientSampleID :

SSTDIC010

Tot Ion: 77 Resp: 158036

Ion Ratio Lower Upper

77 100

105 103.2 84.5 124.5

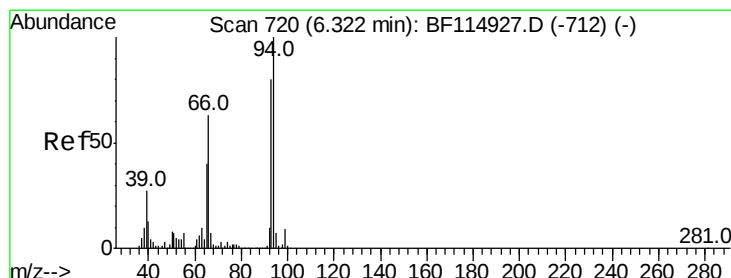
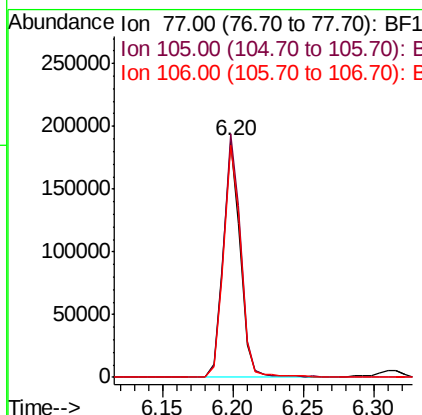
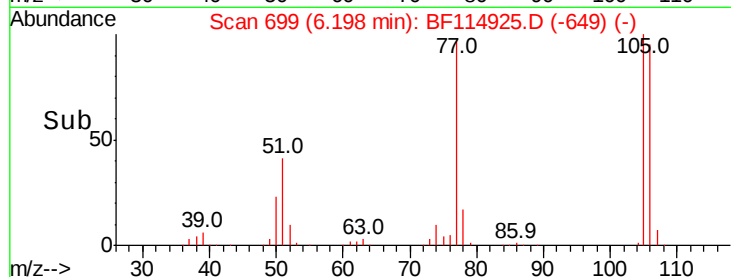
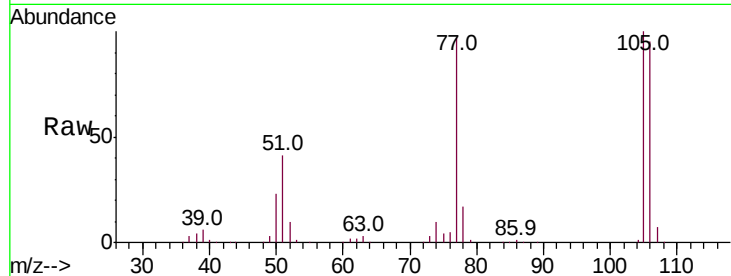
106 98.4 79.2 119.2

Manual Integrations

APPROVED

mohammad

6/12/2019 9:13:10 AM



#10

Phenol

Concen: 12.211 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

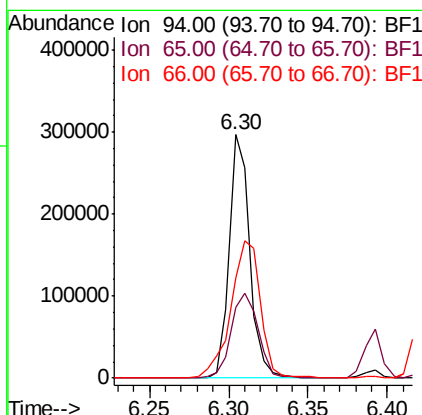
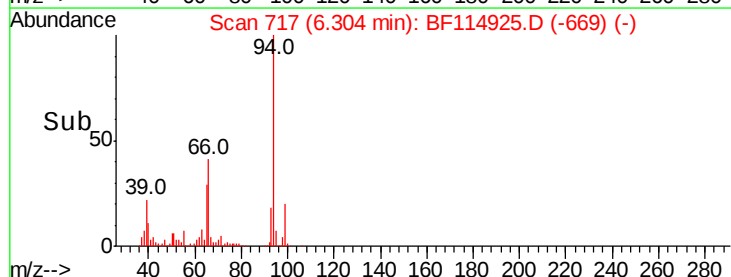
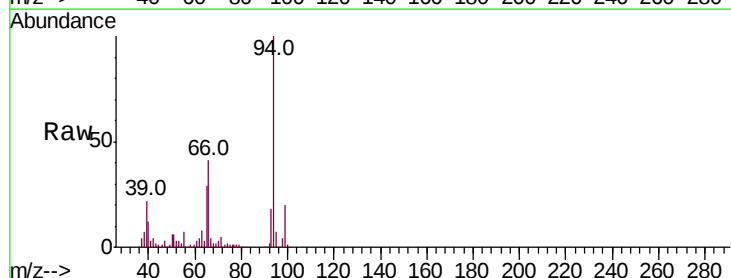
Tgt Ion: 94 Resp: 266862

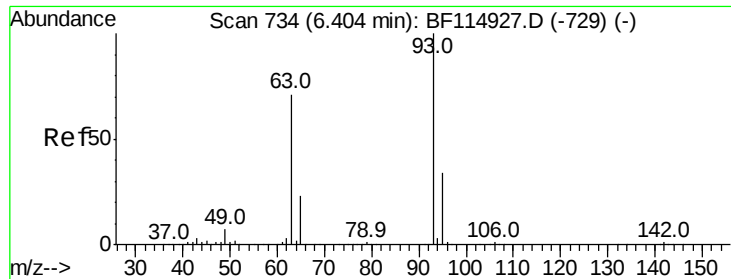
Ion Ratio Lower Upper

94 100

65 28.9 19.6 59.6

66 41.1 42.6 82.6#





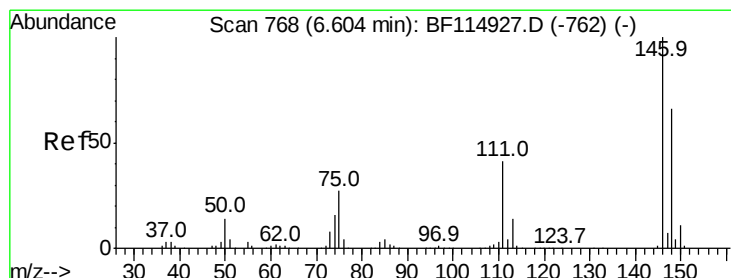
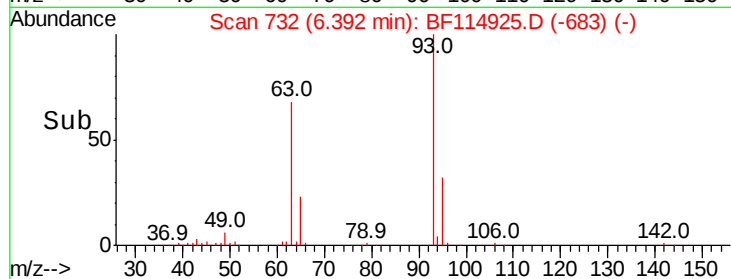
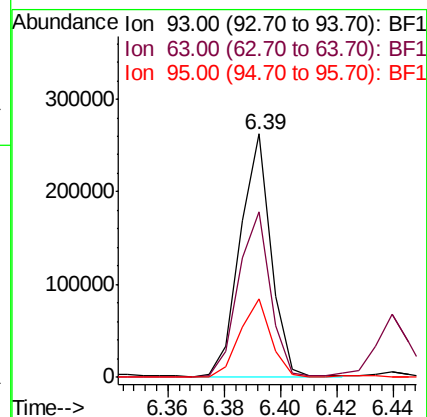
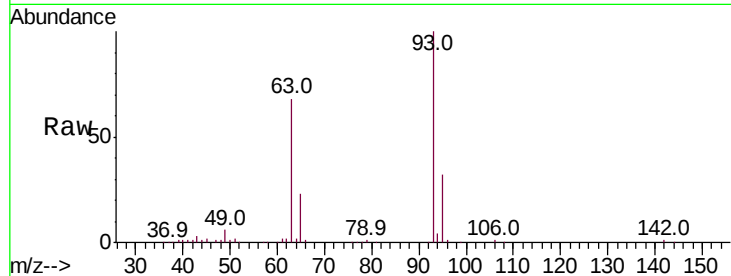
#11  
bis(2-Chloroethyl)ether  
Concen: 11.606 ng  
RT: 6.39 min Scan# 732  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 197955 |       |       |
| 63      | 68.2  | 50.5   | 90.5  |       |
| 95      | 32.3  | 13.6   | 53.6  |       |

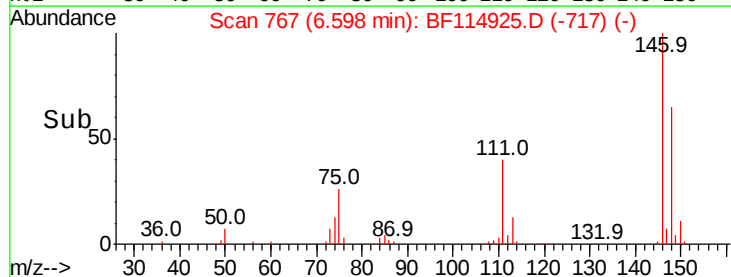
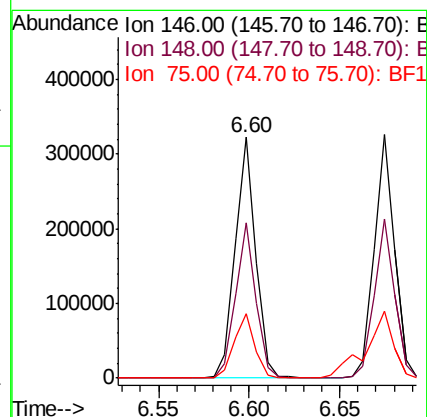
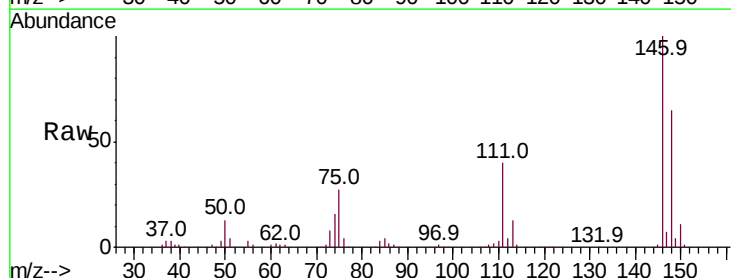
Manual Integrations  
APPROVED

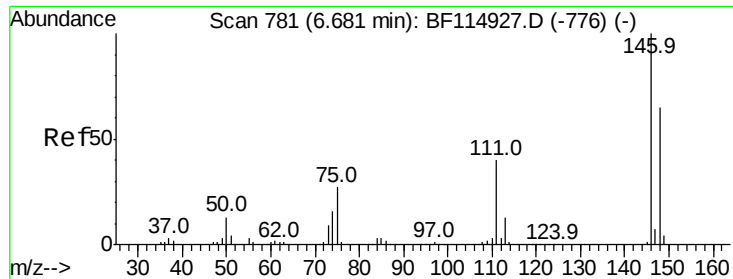
mohammad  
6/12/2019 9:13:10 AM



#12  
1,3-Dichlorobenzene  
Concen: 12.101 ng  
RT: 6.60 min Scan# 767  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 255879 |       |       |
| 148     | 64.8  | 52.6   | 78.8  |       |
| 75      | 26.8  | 21.9   | 32.9  |       |





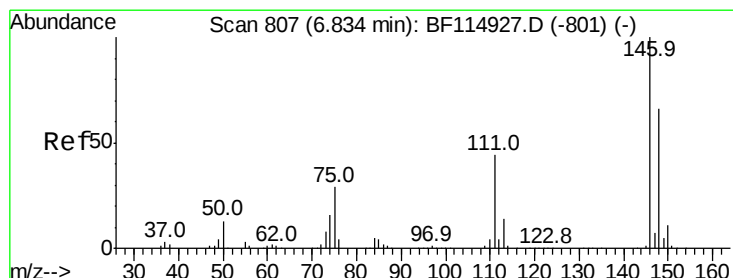
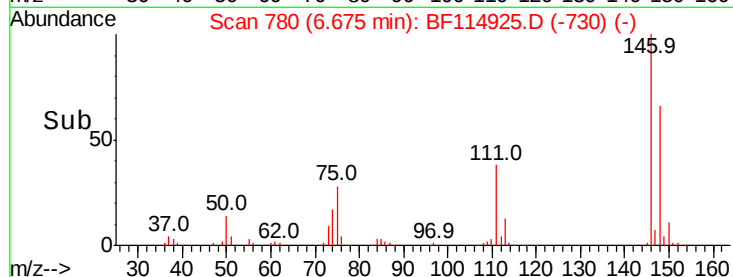
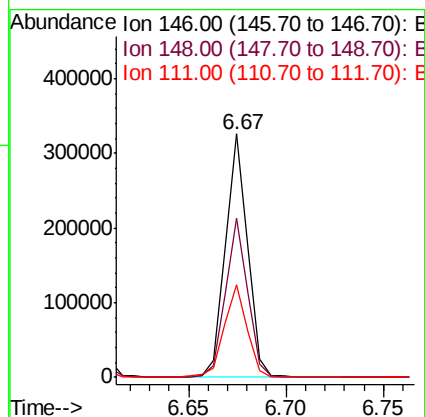
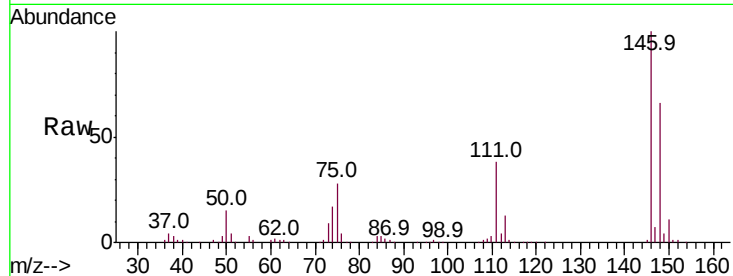
#13  
 1,4-Dichlorobenzene  
 Concen: 12.013 ng  
 RT: 6.67 min Scan# 780  
 Delta R.T. -0.01 min  
 Lab File: BF114925.D  
 Acq: 10 Jun 2019 10:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.5  | 52.3  | 78.5  |
| 111     | 38.2  | 31.8  | 47.8  |

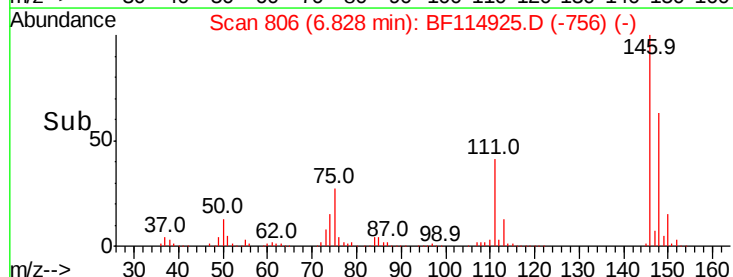
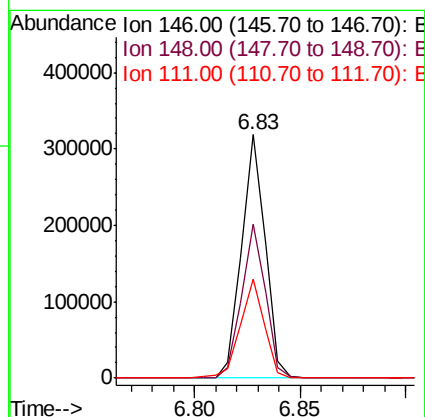
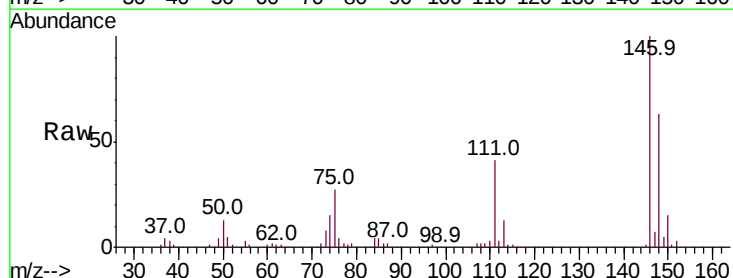
Manual Integrations  
 APPROVED

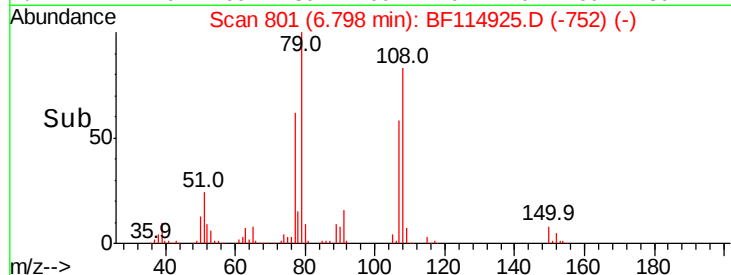
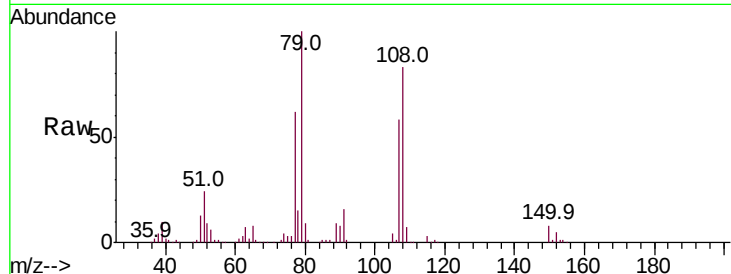
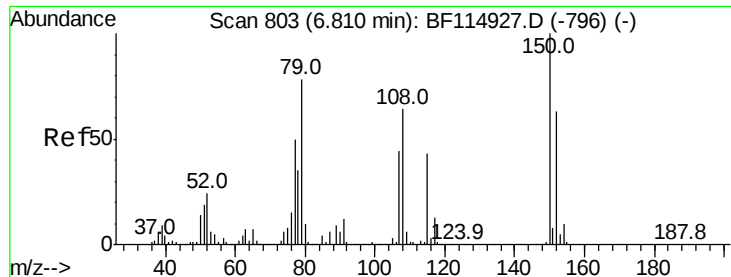
mohammad  
 6/12/2019 9:13:10 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 12.783 ng  
 RT: 6.83 min Scan# 806  
 Delta R.T. -0.01 min  
 Lab File: BF114925.D  
 Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.1  | 52.7  | 79.1  |
| 111     | 40.9  | 35.4  | 53.2  |





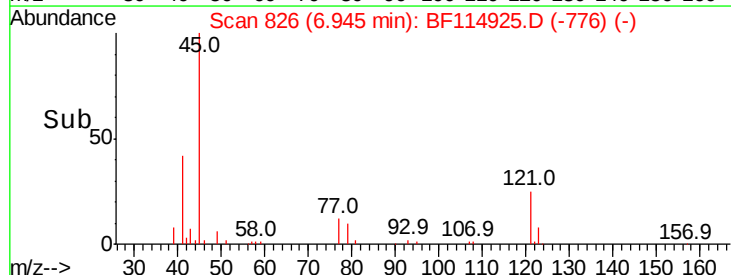
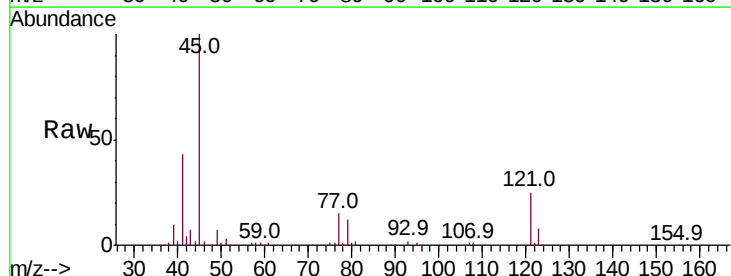
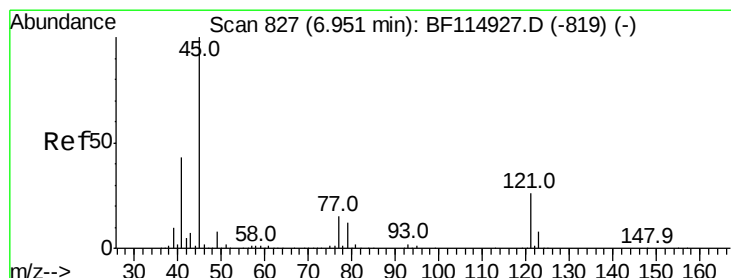
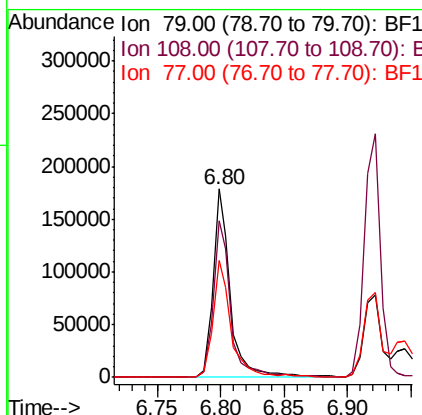
#15  
Benzyl Alcohol  
Concen: 11.944 ng  
RT: 6.80 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 83.2  | 65.5  | 98.3  |
| 77      | 62.0  | 51.3  | 76.9  |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

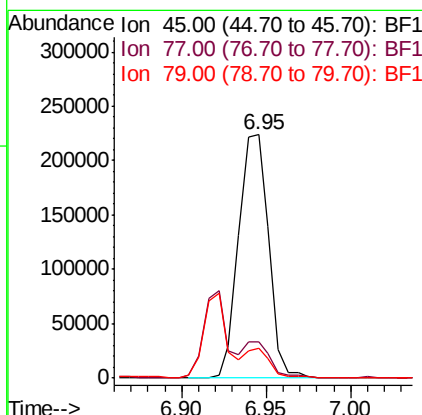
Manual Integrations  
APPROVED

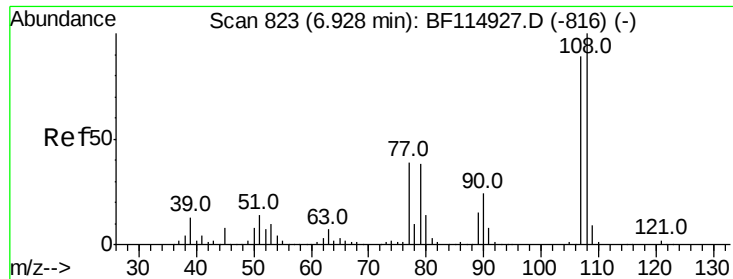
mohammad  
6/12/2019 9:13:10 AM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 11.397 ng  
RT: 6.95 min Scan# 826  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 15.1  | 0.0   | 36.2  |
| 79      | 12.2  | 0.0   | 32.7  |





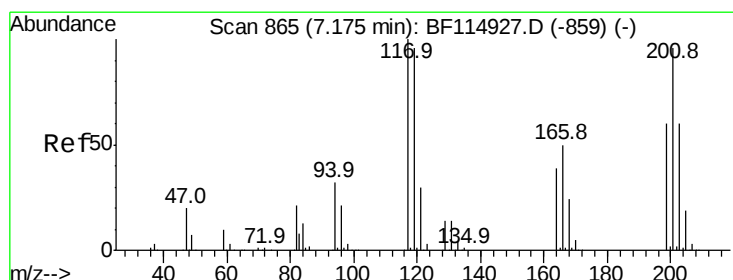
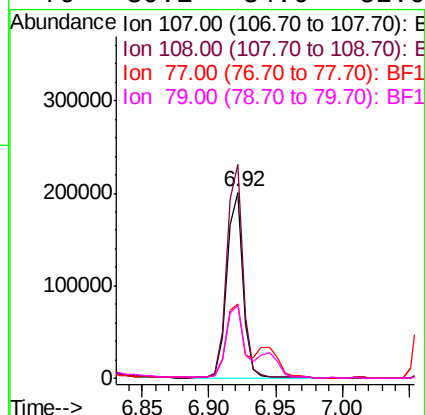
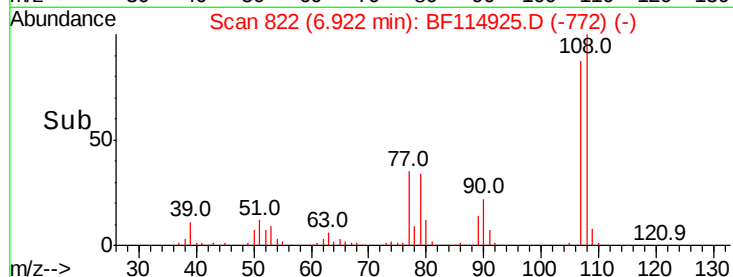
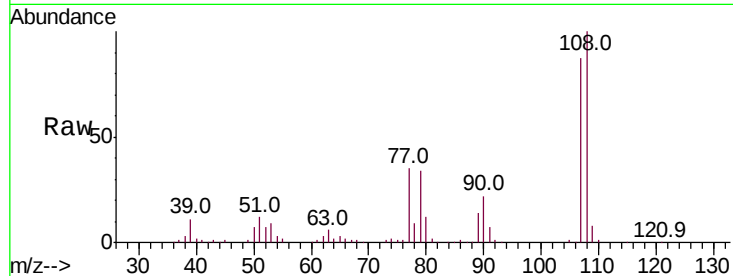
#17  
2-Methylphenol  
Concen: 11.234 ng  
RT: 6.92 min Scan# 822  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 174256 |       |       |
| 108     | 115.1 | 90.2   | 135.2 |       |
| 77      | 40.1  | 35.4   | 53.0  |       |
| 79      | 39.1  | 34.6   | 52.0  |       |

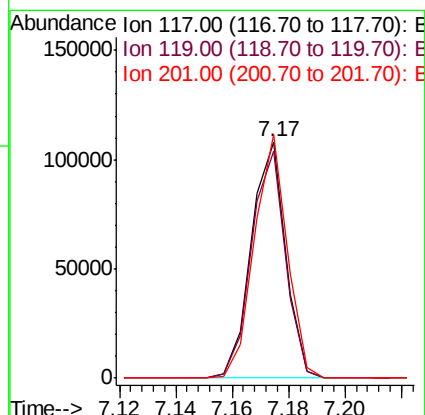
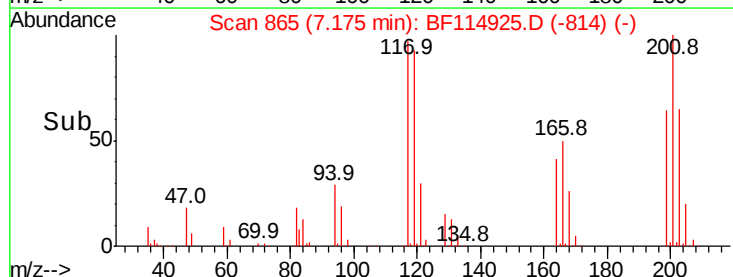
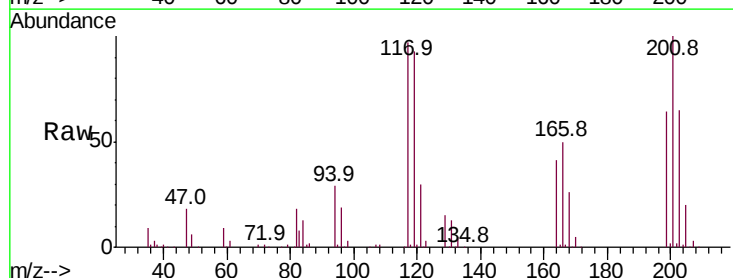
Manual Integrations  
APPROVED

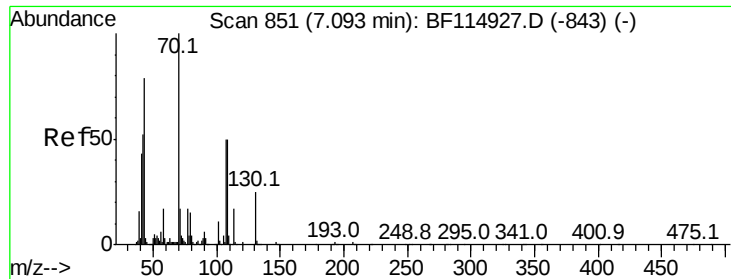
mohammad  
6/12/2019 9:13:10 AM



#18  
Hexachloroethane  
Concen: 11.320 ng  
RT: 7.17 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 90655 |       |       |
| 119     | 96.2  | 76.6  | 114.8 |       |
| 201     | 103.0 | 77.0  | 115.6 |       |





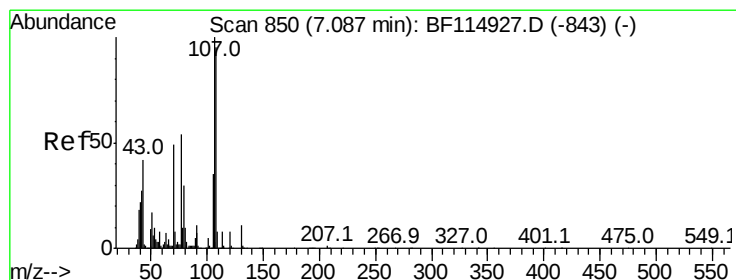
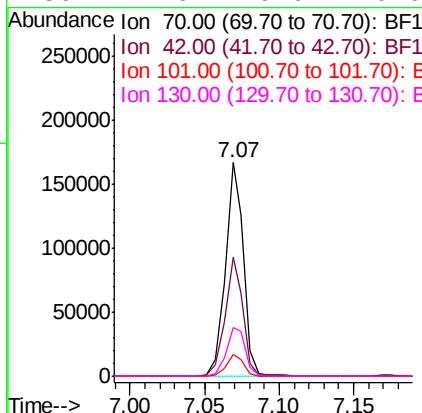
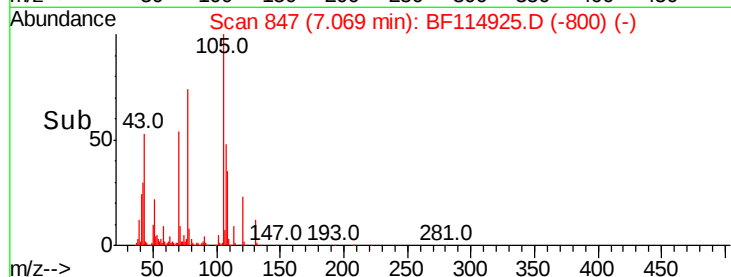
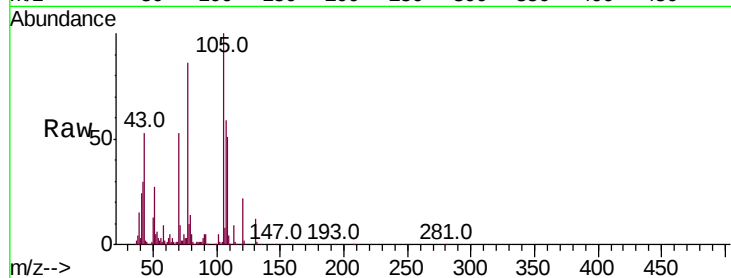
#19  
n-Nitroso-di-n-propylamine  
Concen: 11.280 ng  
RT: 7.07 min Scan# 847  
Delta R.T. -0.02 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 56.0 | 41.7  | 62.5  |       |
| 101     | 10.0 | 8.4   | 12.6  |       |
| 130     | 22.6 | 19.9  | 29.9  |       |

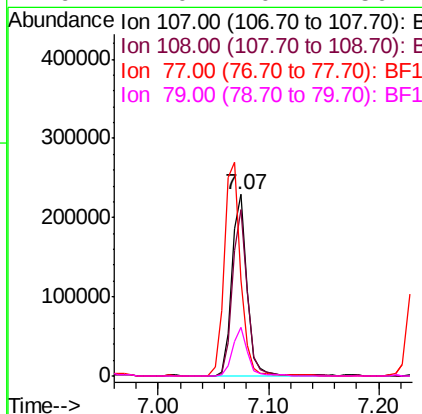
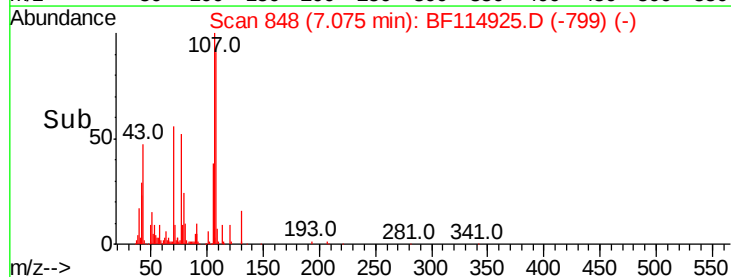
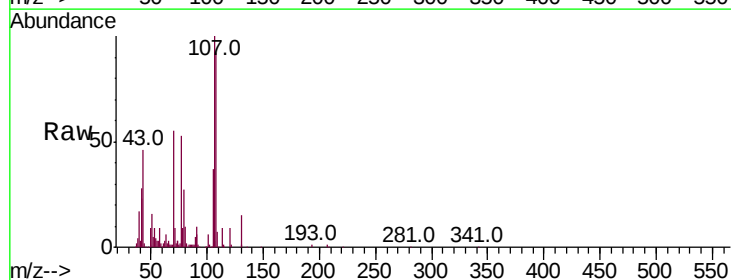
Manual Integrations  
APPROVED

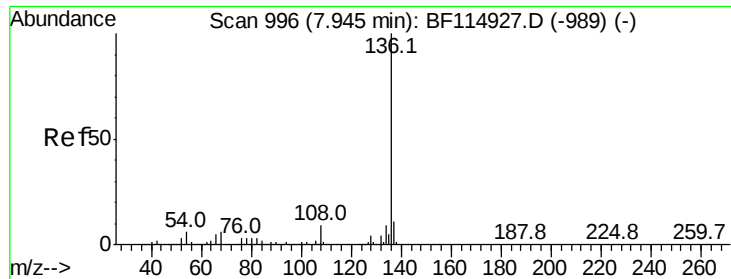
mohammad  
6/12/2019 9:13:10 AM



#20  
3+4-Methylphenols  
Concen: 12.961 ng  
RT: 7.07 min Scan# 848  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 91.6 | 74.7  | 114.7 |       |
| 77      | 52.9 | 33.7  | 73.7  |       |
| 79      | 27.0 | 10.2  | 50.2  |       |





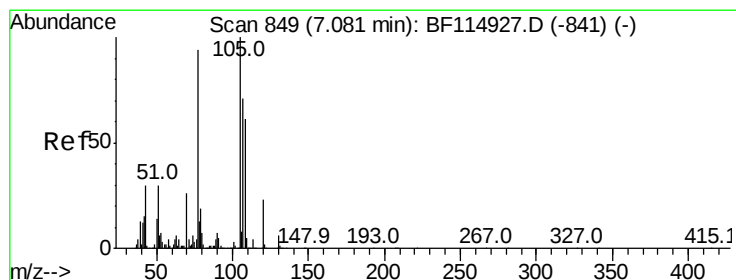
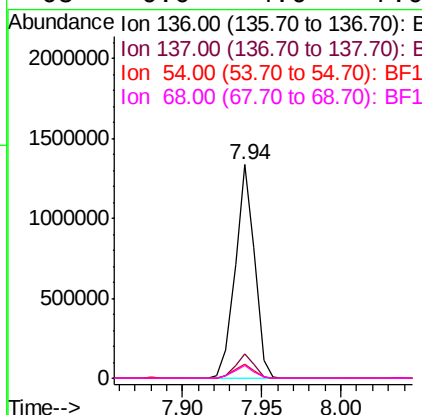
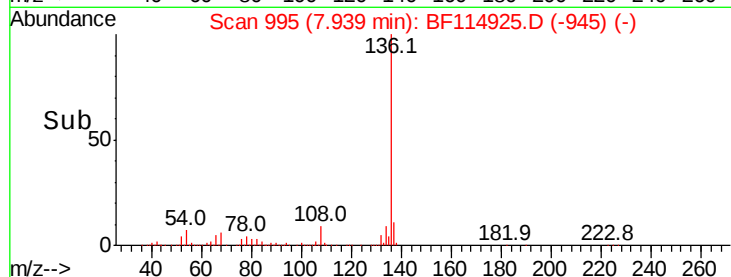
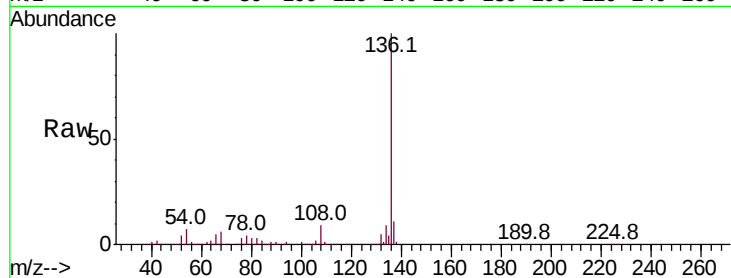
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.94 min Scan# 995  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.3  | 9.0   | 13.6  |
| 54      | 6.8   | 5.2   | 7.8   |
| 68      | 6.0   | 4.6   | 7.0   |

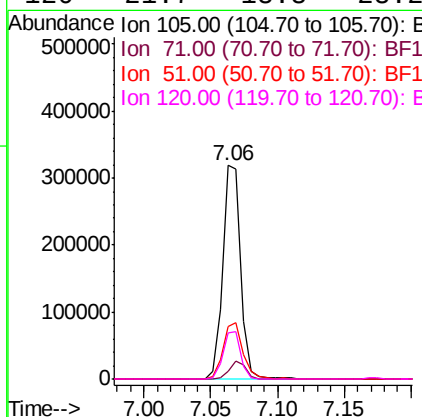
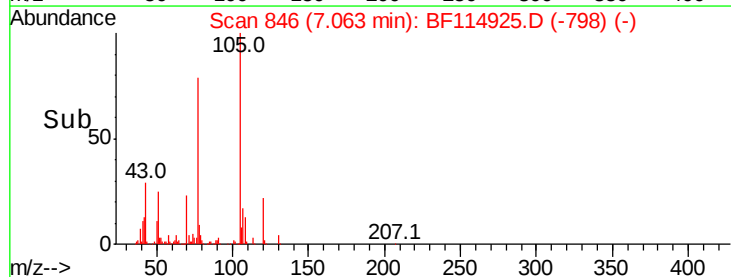
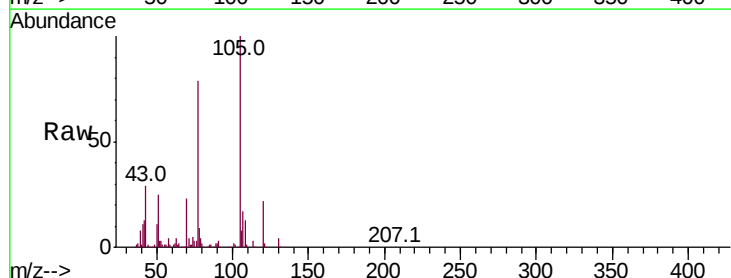
Manual Integrations  
APPROVED

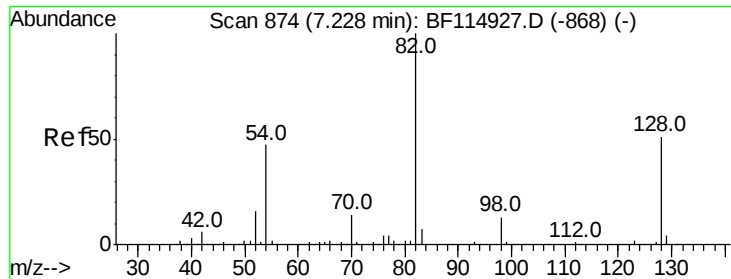
mohammad  
6/12/2019 9:13:10 AM



#22  
Acetophenone  
Concen: 12.224 ng  
RT: 7.06 min Scan# 846  
Delta R.T. -0.02 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 3.8   | 3.4   | 5.2   |
| 51      | 24.7  | 24.0  | 36.0  |
| 120     | 21.7  | 18.8  | 28.2  |





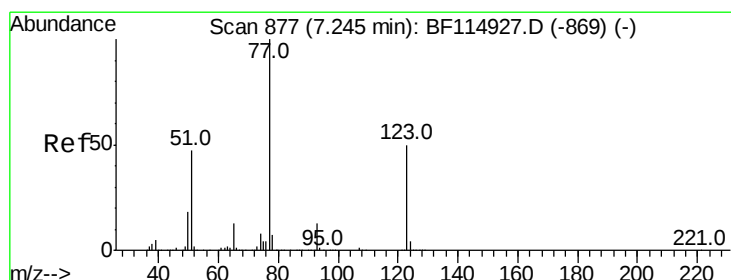
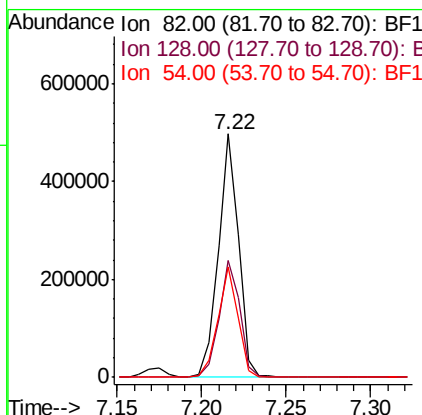
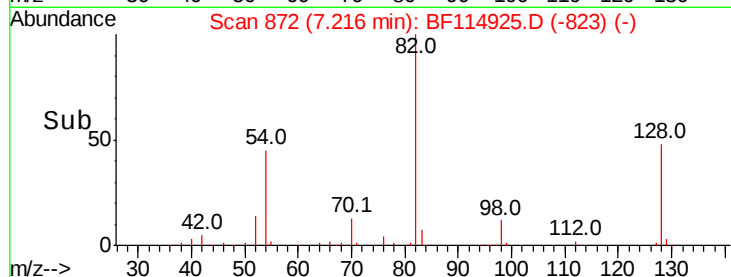
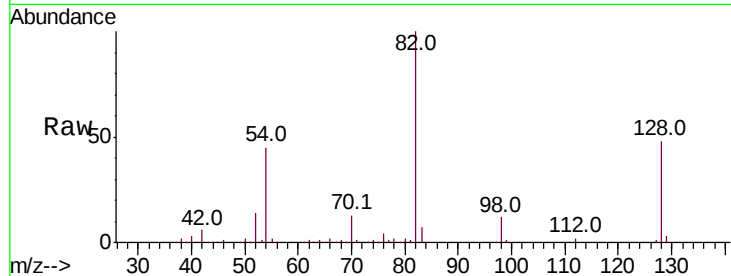
#23  
Nitrobenzene-d5  
Concen: 22.832 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 48.1  | 40.9 | 61.3  |       |
| 54      | 45.2  | 37.4 | 56.0  |       |

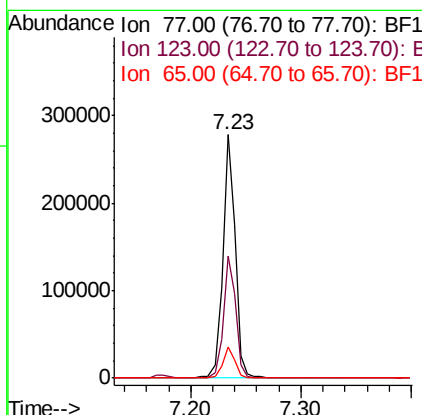
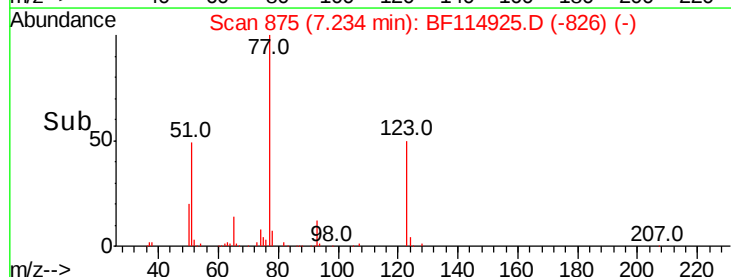
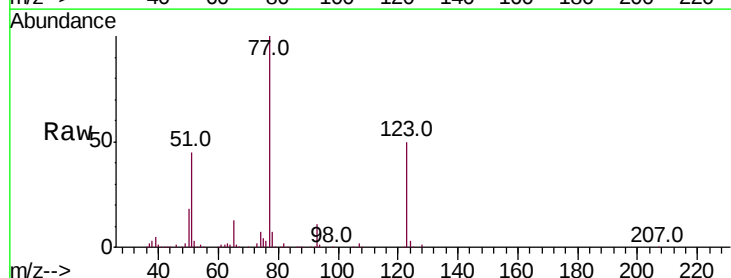
Manual Integrations  
APPROVED

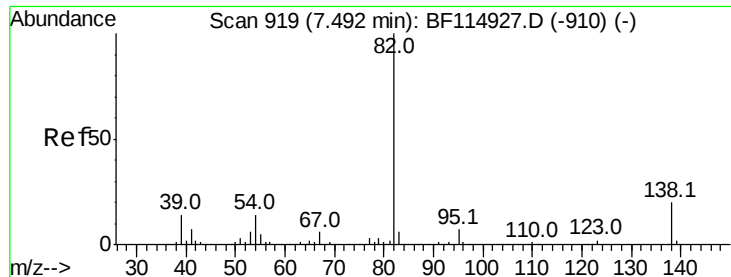
mohammad  
6/12/2019 9:13:10 AM



#24  
Nitrobenzene  
Concen: 11.346 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 50.2  | 39.8 | 59.6  |       |
| 65      | 12.6  | 10.7 | 16.1  |       |





#25

Isophorone

Concen: 10.907 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

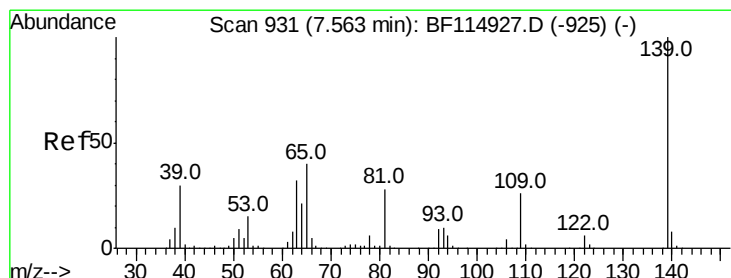
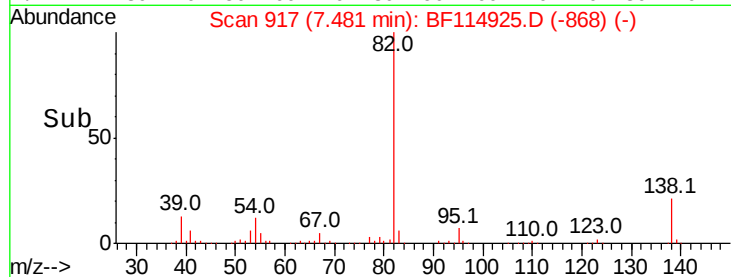
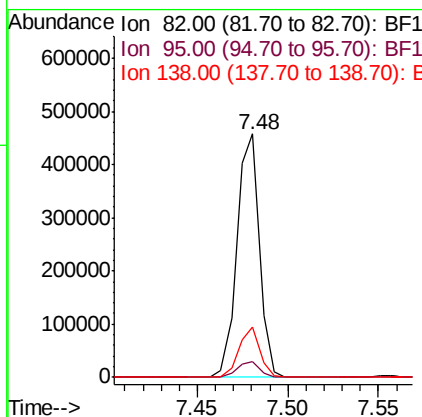
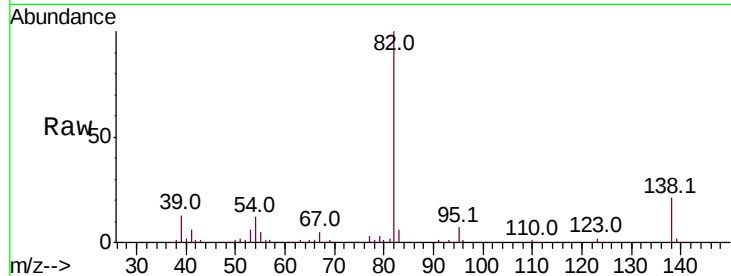
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 394663 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.6   | 5.7   | 8.5    |
| 138       | 20.7  | 16.4  | 24.6   |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM



#26

2-Nitrophenol

Concen: 10.770 ng

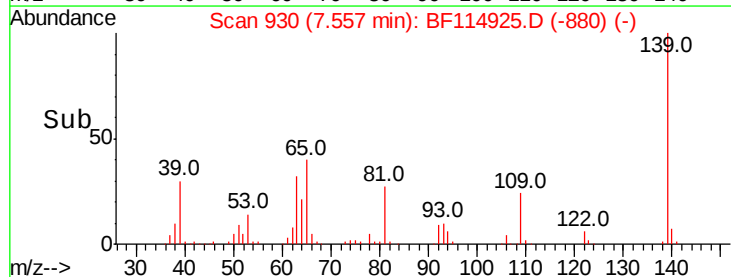
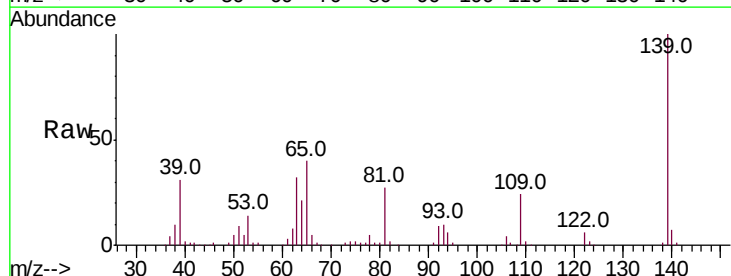
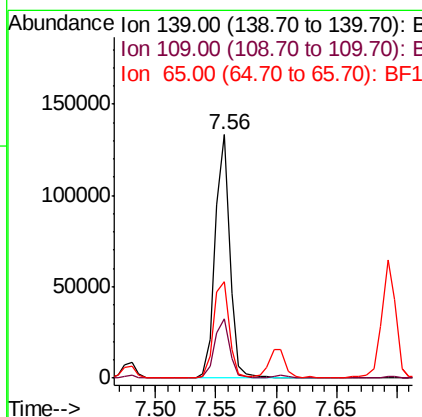
RT: 7.56 min Scan# 930

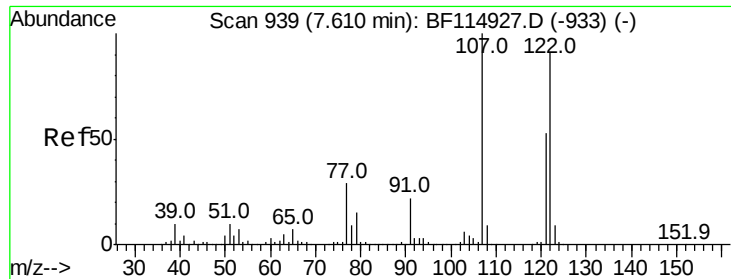
Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 110604 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 24.3  | 20.6  | 30.8   |
| 65        | 39.8  | 32.2  | 48.2   |





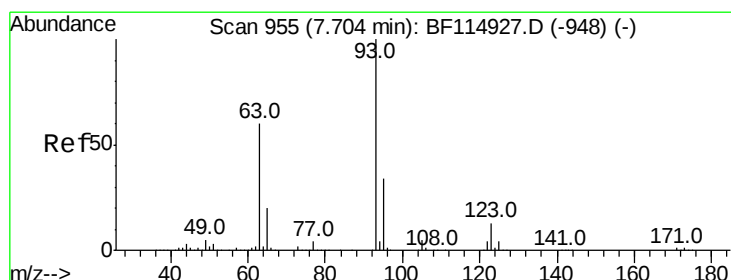
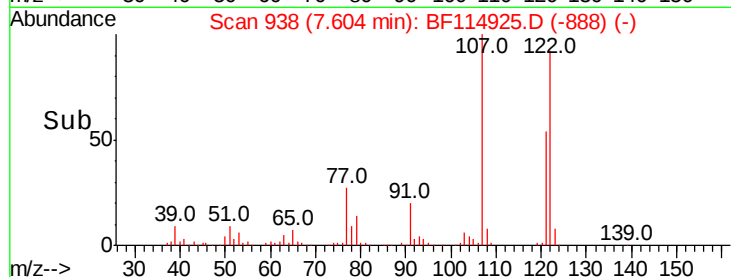
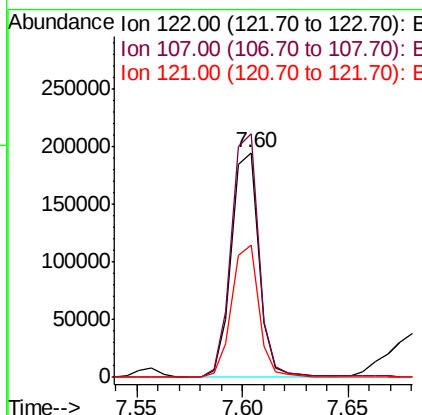
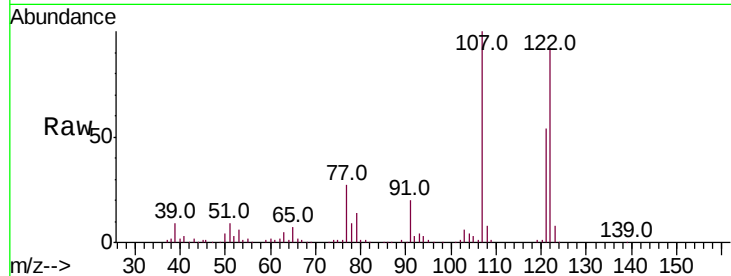
#27  
2,4-Dimethylphenol  
Concen: 11.347 ng  
RT: 7.60 min Scan# 938  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 108.2 | 88.0  | 132.0 |
| 121     | 58.8  | 47.0  | 70.6  |

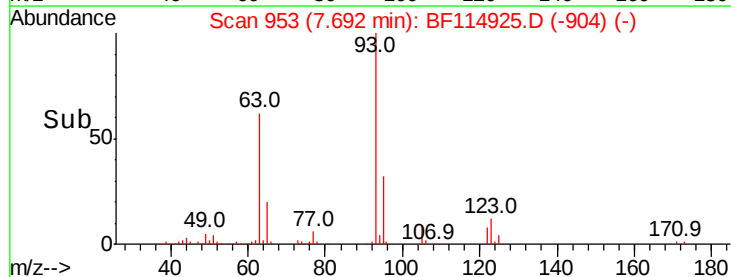
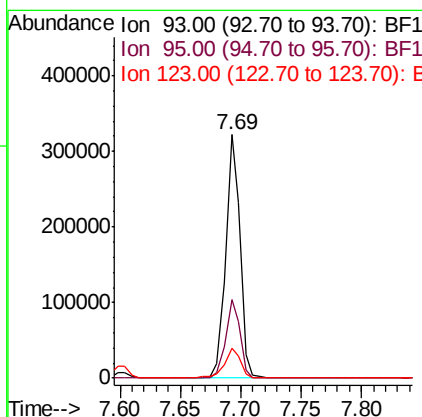
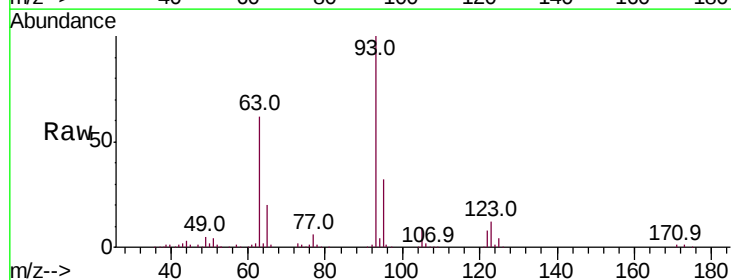
Manual Integrations  
APPROVED

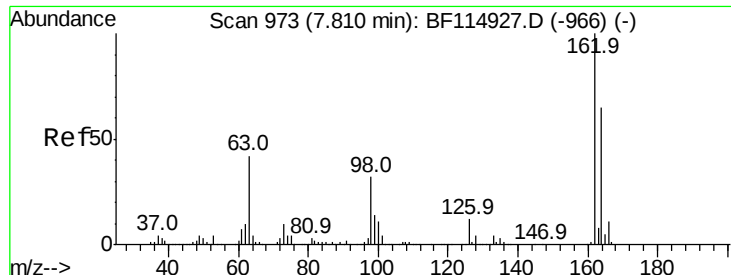
mohammad  
6/12/2019 9:13:10 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 11.387 ng  
RT: 7.69 min Scan# 953  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.3  | 27.0  | 40.4  |
| 123     | 12.0  | 10.3  | 15.5  |





#29

2,4-Dichlorophenol

Concen: 11.320 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

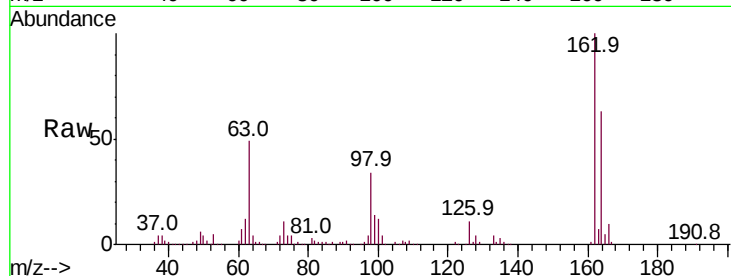
ClientSampleId :

SSTDIC010

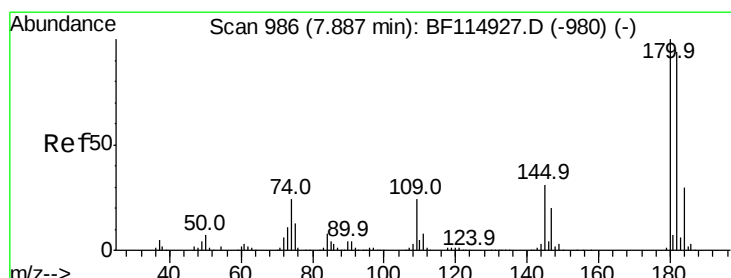
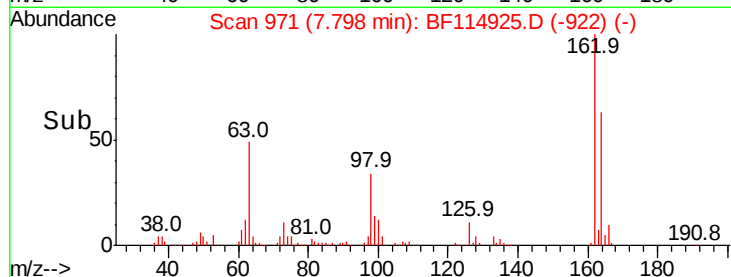
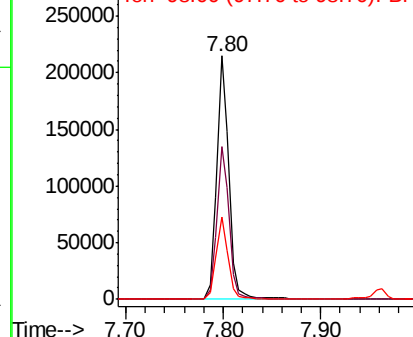
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 185885 |       |       |
| 164     | 62.6  | 45.4   | 85.4  |       |
| 98      | 33.9  | 12.5   | 52.5  |       |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM



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: 11.464 ng

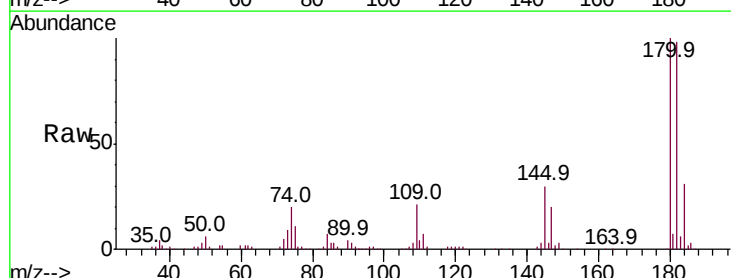
RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

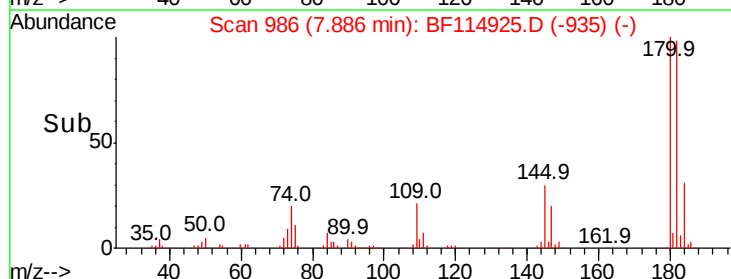
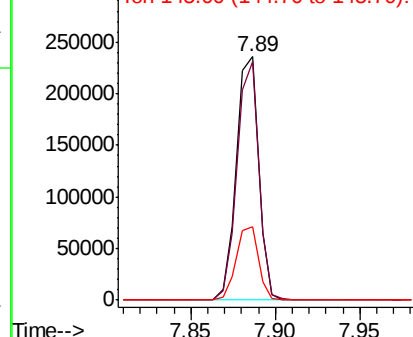
Lab File: BF114925.D

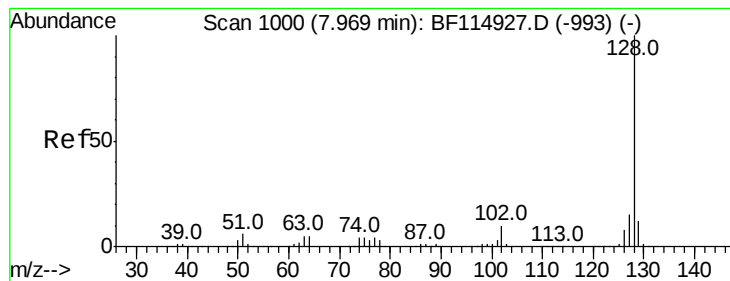
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 216007 |       |       |
| 182     | 97.9  | 75.0   | 112.6 |       |
| 145     | 30.2  | 25.1   | 37.7  |       |



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: 13.005 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

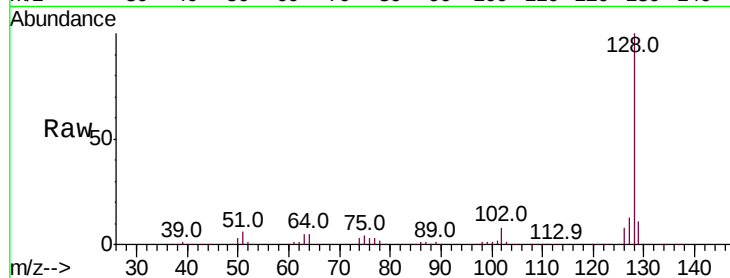
ClientSampleId :

SSTDIC010

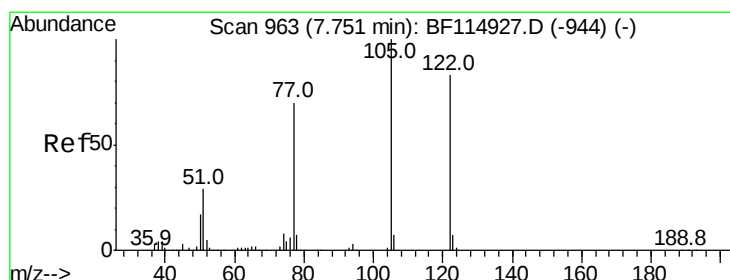
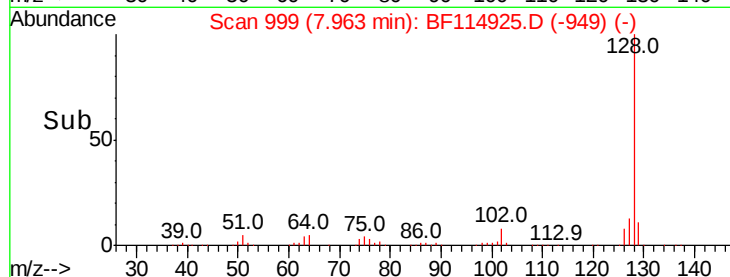
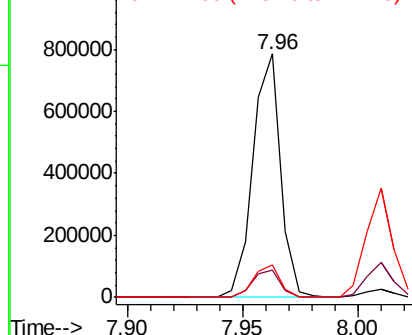
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 659632 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.2  | 9.8   | 14.8   |
| 127       | 13.1  | 11.8  | 17.6   |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM



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: 7.976 ng

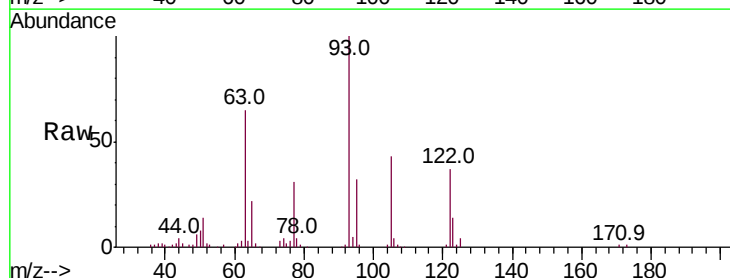
RT: 7.69 min Scan# 952

Delta R.T. -0.06 min

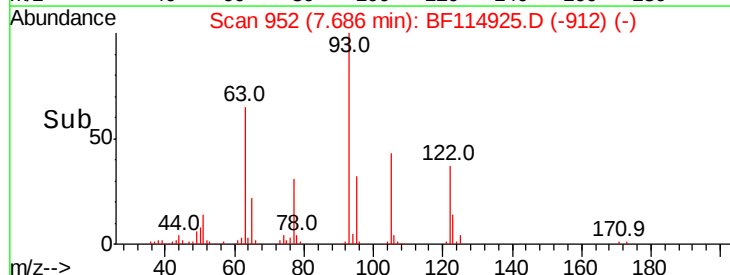
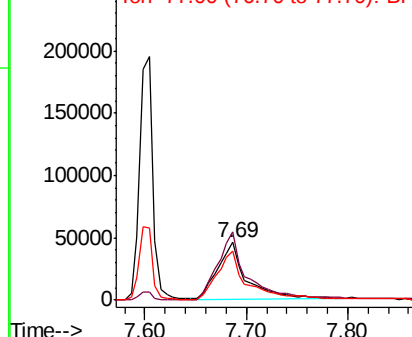
Lab File: BF114925.D

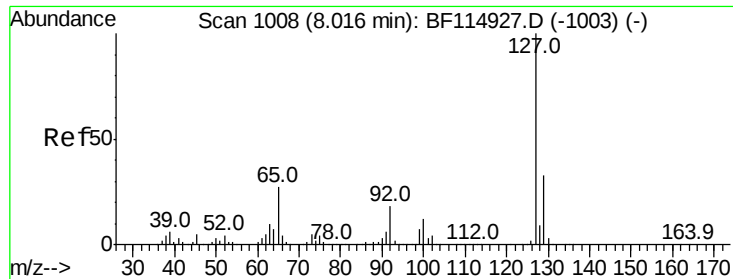
Acq: 10 Jun 2019 10:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 90675 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 117.0 | 97.7  | 137.7 |
| 77        | 84.5  | 63.0  | 103.0 |



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





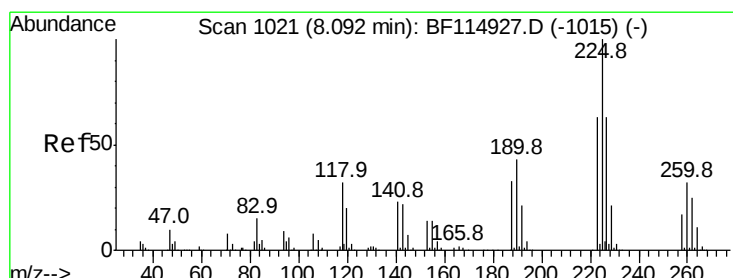
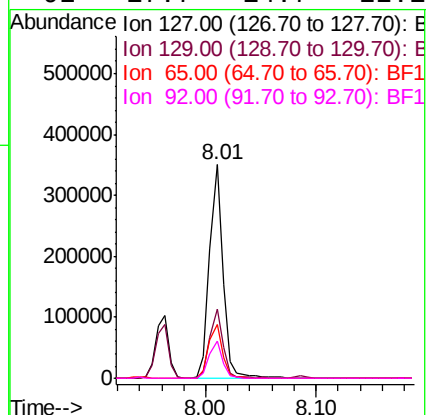
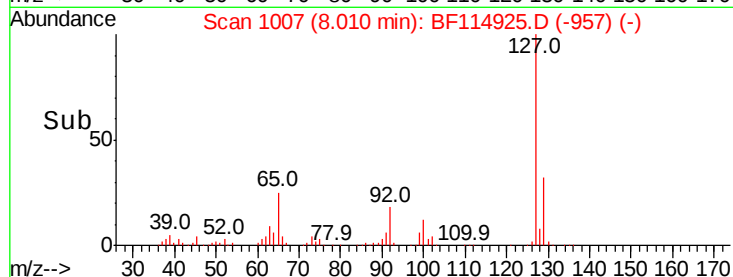
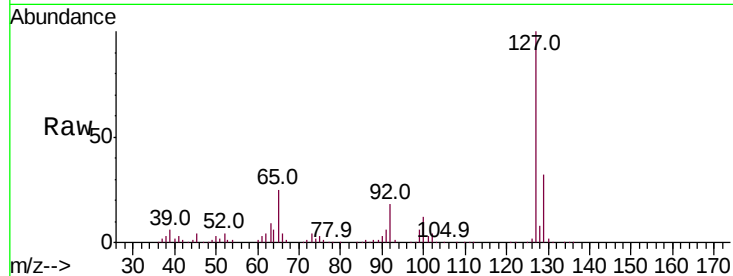
#33  
4-Chloroaniline  
Concen: 11.884 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICC010

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.4 | 26.6  | 40.0 |       |       |
| 65      | 25.4 | 21.5  | 32.3 |       |       |
| 92      | 17.7 | 14.7  | 22.1 |       |       |

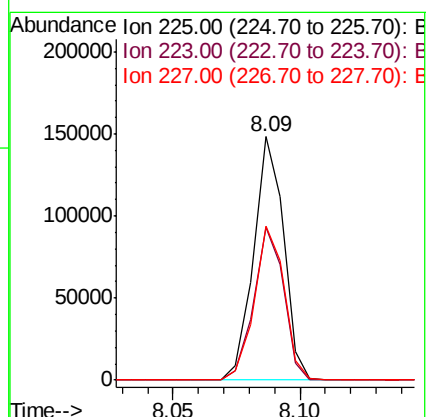
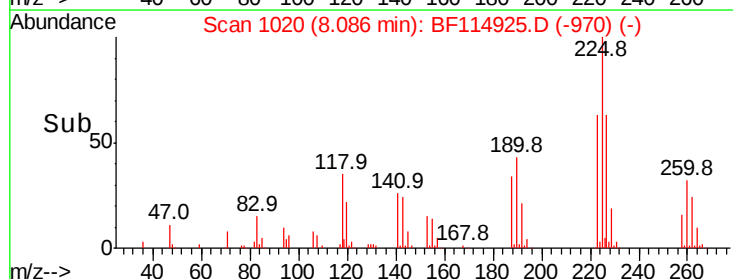
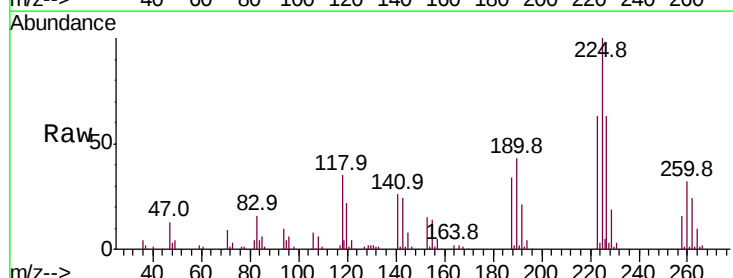
Manual Integrations  
APPROVED

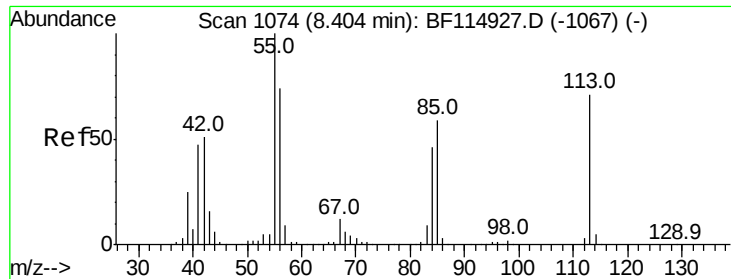
mohammad  
6/12/2019 9:13:10 AM



#34  
Hexachlorobutadiene  
Concen: 11.427 ng  
RT: 8.09 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.0 | 50.6  | 75.8 |       |       |
| 227     | 63.5 | 50.6  | 75.8 |       |       |





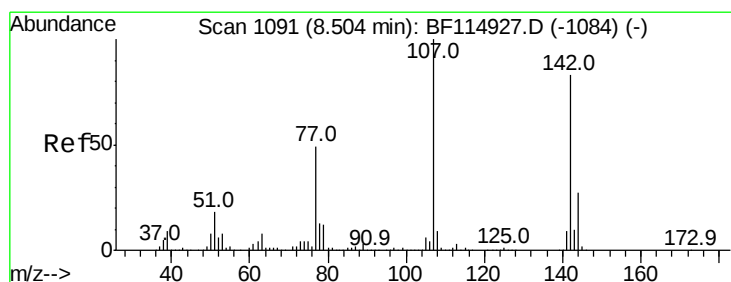
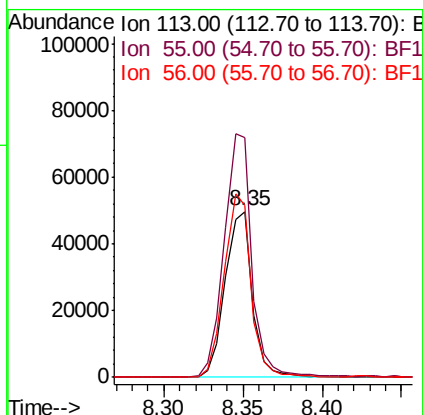
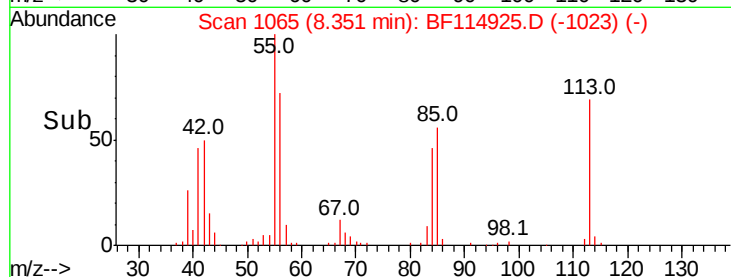
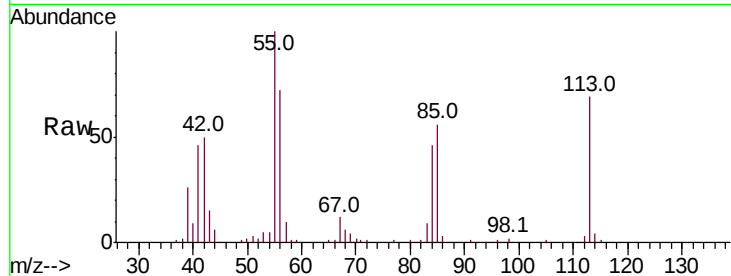
#35  
Caprolactam  
Concen: 11.048 ng  
RT: 8.35 min Scan# 1065  
Delta R.T. -0.05 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tot Ion:113 Resp: 59265  
Ion Ratio Lower Upper  
113 100  
55 145.1 120.9 160.9  
56 103.8 84.3 124.3

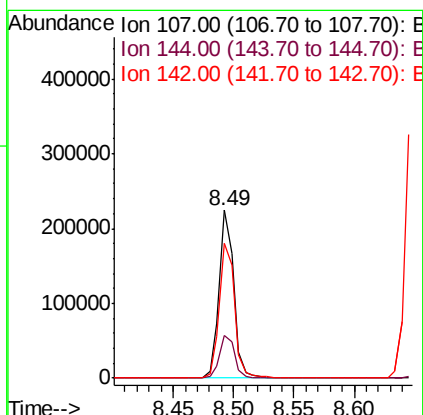
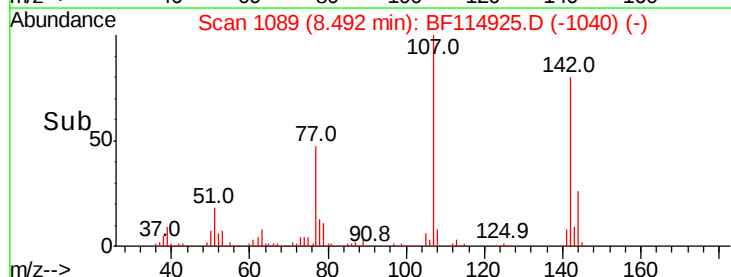
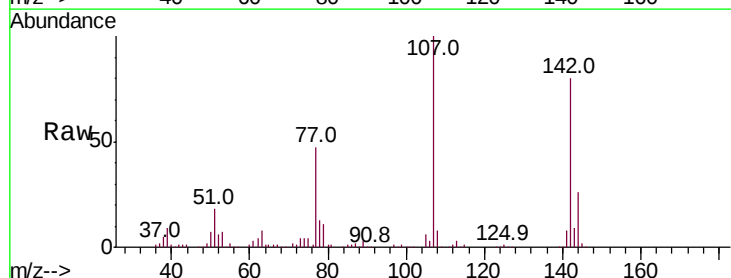
Manual Integrations  
APPROVED

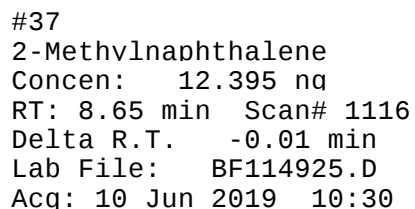
mohammad  
6/12/2019 9:13:10 AM



#36  
4-Chloro-3-methylphenol  
Concen: 11.426 ng  
RT: 8.49 min Scan# 1089  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Tgt Ion:107 Resp: 186708  
Ion Ratio Lower Upper  
107 100  
144 25.6 21.6 32.4  
142 80.1 66.1 99.1



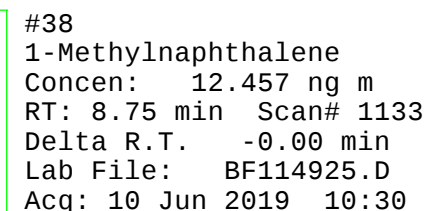
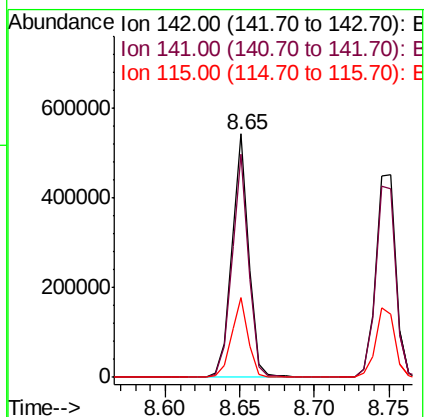


**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC010

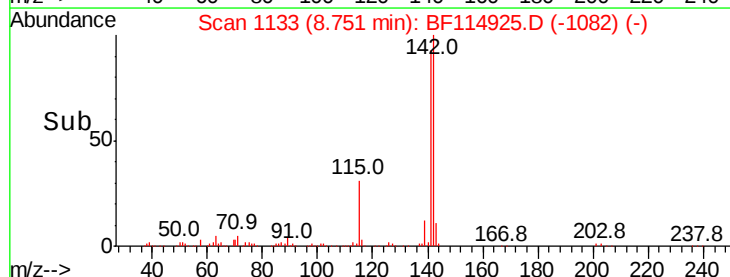
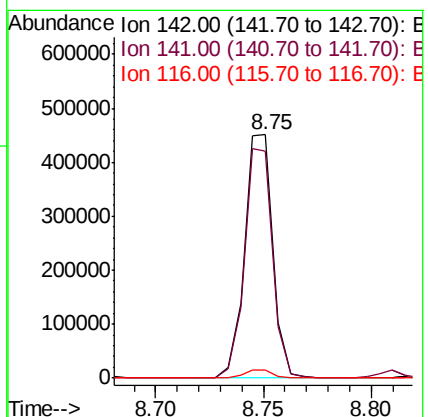
**Manual Integrations**  
**APPROVED**

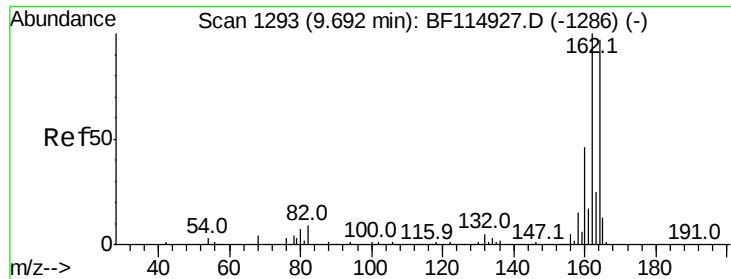
mohammad  
6/12/2019 9:13:10 AM

|     |         |       |        |
|-----|---------|-------|--------|
| Tot | Ion:142 | Resp: | 436094 |
| Ion | Ratio   | Lower | Upper  |
| 142 | 100     |       |        |
| 141 | 91.6    | 71.1  | 106.7  |
| 115 | 32.5    | 27.8  | 41.6   |



|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:142 | Resp: | 415623 |
| Ion | Ratio   | Lower | Upper  |
| 142 | 100     |       |        |
| 141 | 93.1    | 73.7  | 110.5  |
| 116 | 3.1     | 3.1   | 4.7#   |





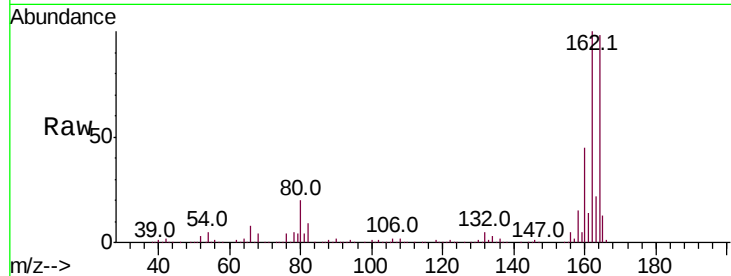
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.69 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 102.0 | 82.4 | 123.6 |       |
| 160     | 45.9  | 37.5 | 56.3  |       |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM

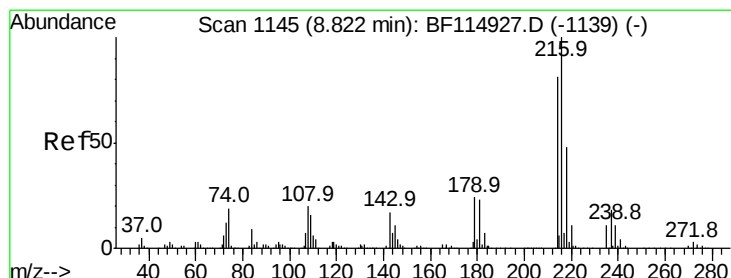
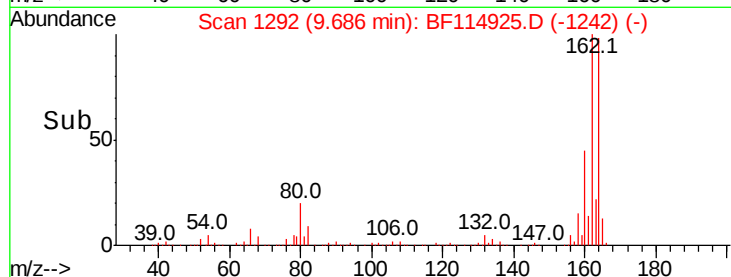
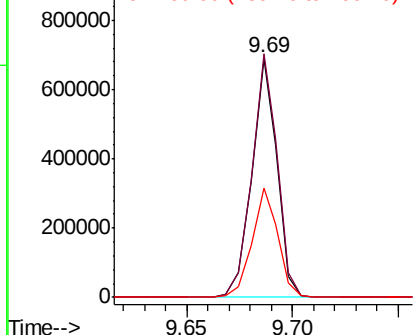


Abundance

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: 12.034 ng  
RT: 8.82 min Scan# 1144  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 78.6  | 63.8 | 95.8  |       |
| 179     | 22.1  | 18.5 | 27.7  |       |
| 108     | 18.3  | 15.6 | 23.4  |       |

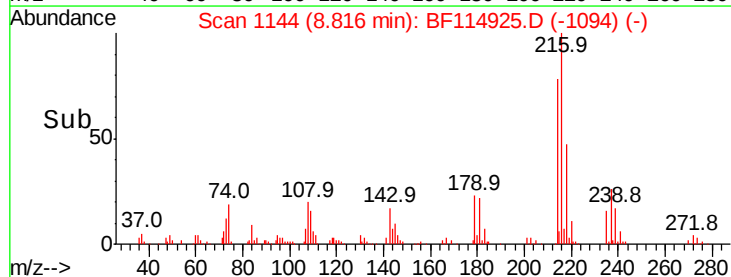
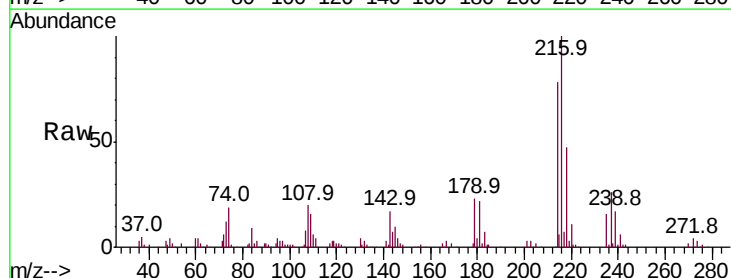
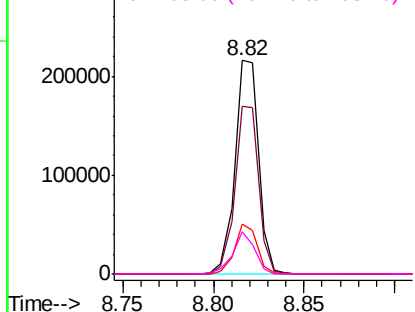
Abundance

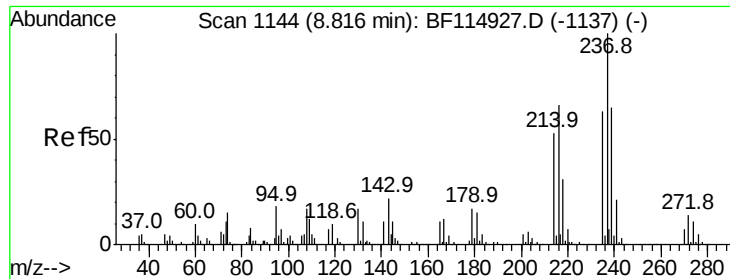
Ion 216.00 (215.70 to 216.70): E

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: 8.513 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

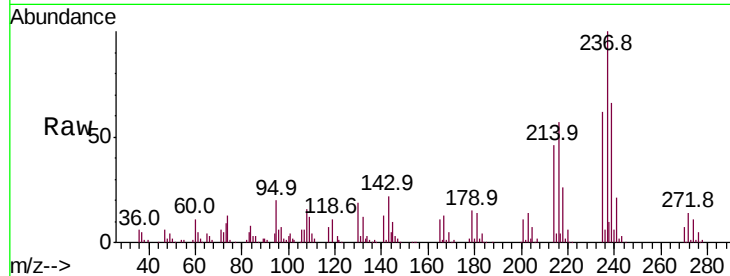
ClientSampleId :

SSTDIC010

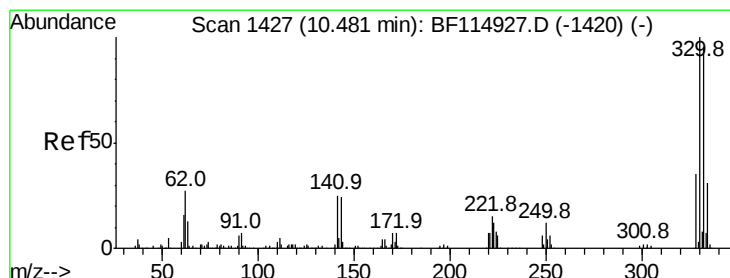
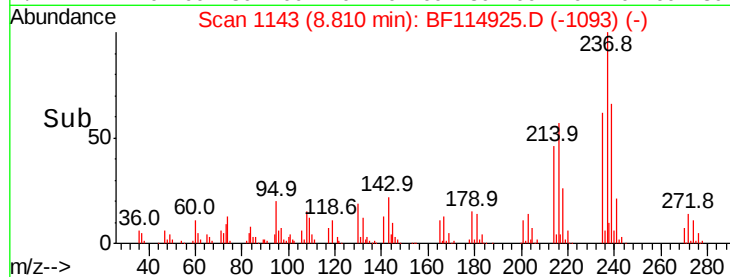
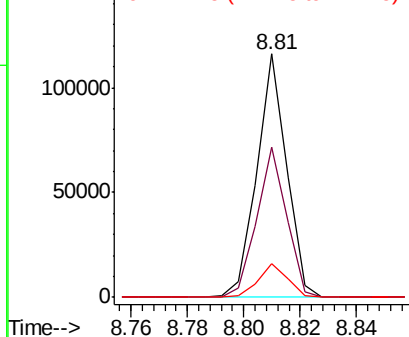
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 84638 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 61.8  | 43.3  | 83.3  |
| 272       | 13.6  | 0.0   | 33.5  |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM



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: 23.854 ng

RT: 10.47 min Scan# 1425

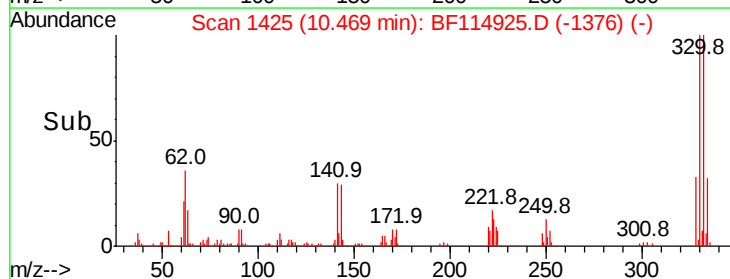
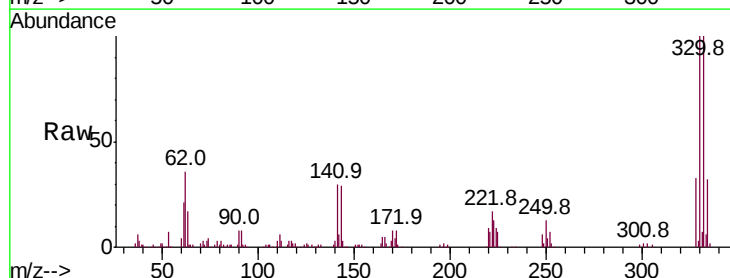
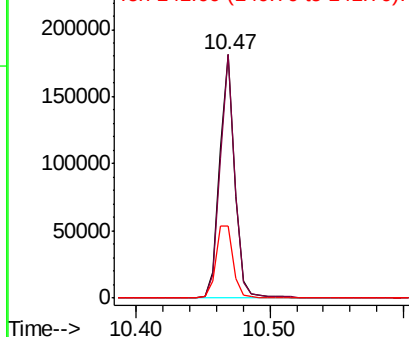
Delta R.T. -0.01 min

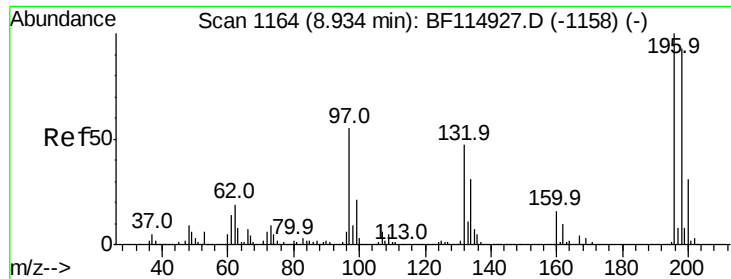
Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 146223 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.5  | 76.4  | 114.6  |
| 141       | 34.1  | 26.8  | 40.2   |

Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





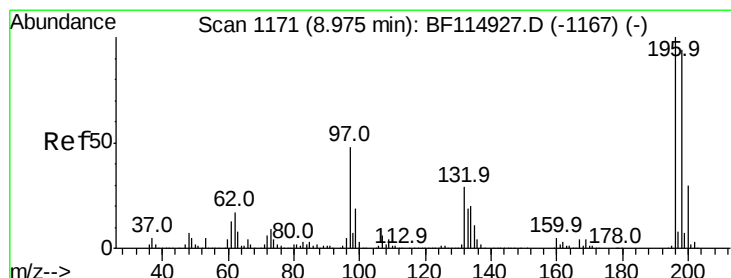
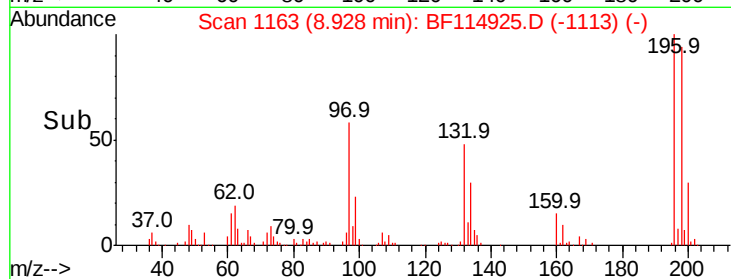
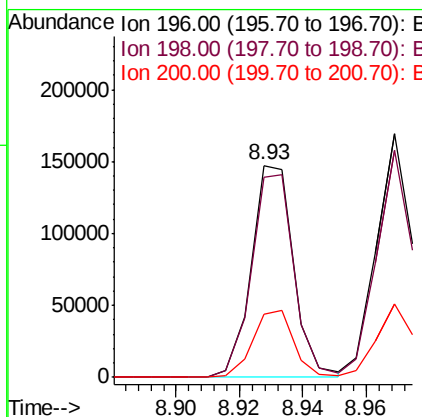
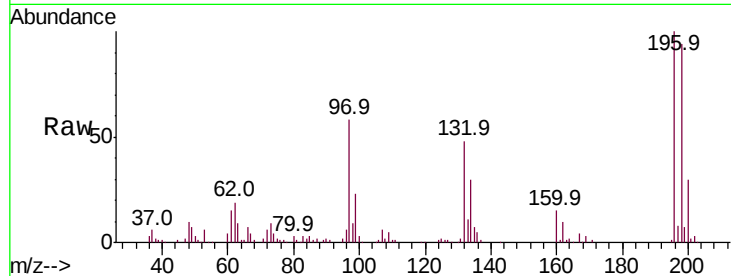
#43  
 2,4,6-Trichlorophenol  
 Concen: 10.676 ng  
 RT: 8.93 min Scan# 1163  
 Delta R.T. -0.01 min  
 Lab File: BF114925.D  
 Acq: 10 Jun 2019 10:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 136083 |       |       |
| 198     | 94.2  | 74.8   | 112.2 |       |
| 200     | 29.8  | 24.5   | 36.7  |       |

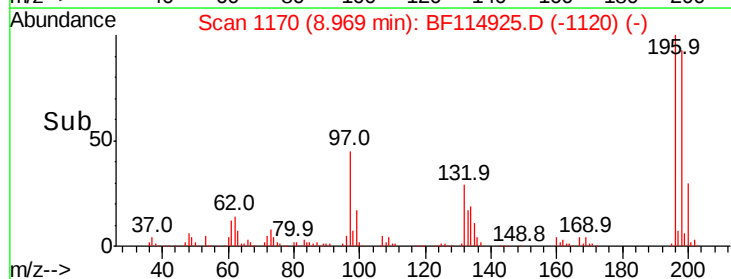
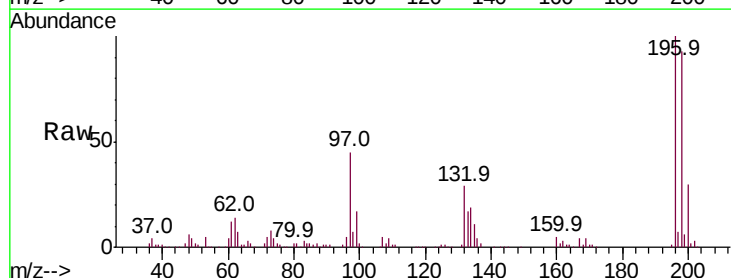
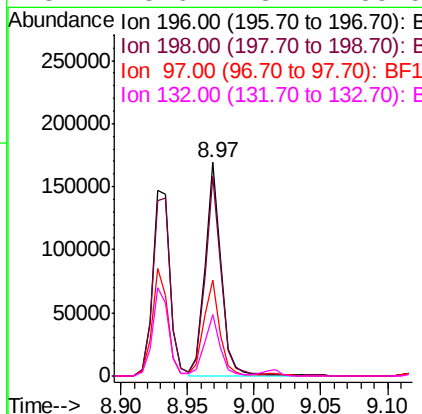
Manual Integrations  
 APPROVED

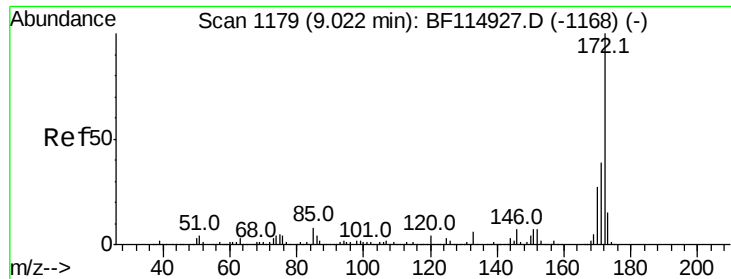
mohammad  
 6/12/2019 9:13:10 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 11.019 ng  
 RT: 8.97 min Scan# 1170  
 Delta R.T. -0.01 min  
 Lab File: BF114925.D  
 Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 141456 |       |       |
| 198     | 93.4  | 75.6   | 113.4 |       |
| 97      | 45.0  | 38.6   | 57.8  |       |
| 132     | 28.6  | 23.7   | 35.5  |       |





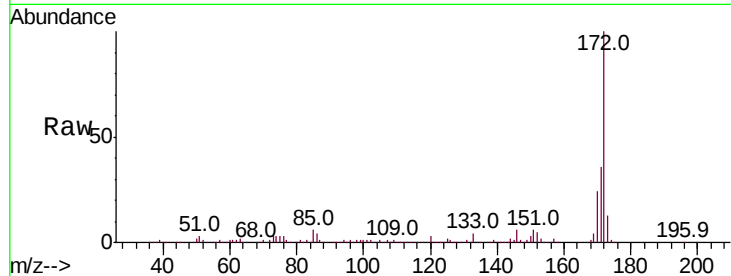
#45  
2-Fluorobiphenyl  
Concen: 30.297 ng  
RT: 9.02 min Scan# 1178  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 919967 |       |       |
| 171     | 36.3  |        | 31.3  | 46.9  |
| 170     | 23.8  |        | 21.4  | 32.0  |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM

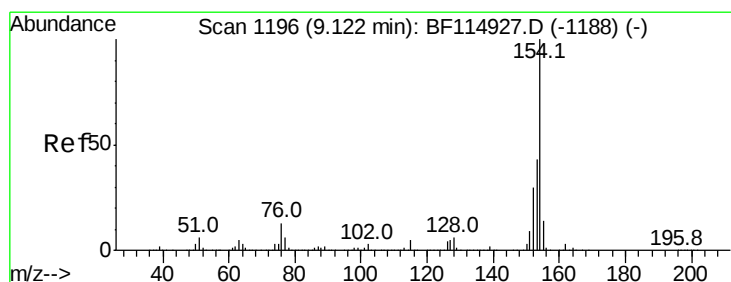
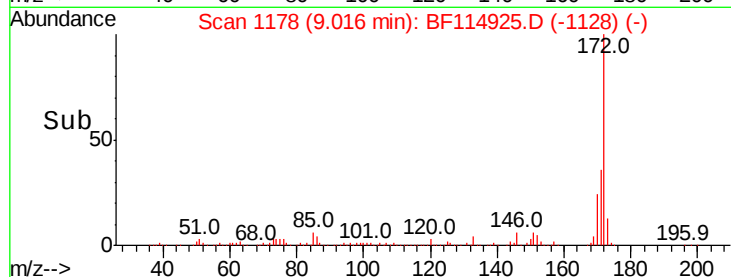
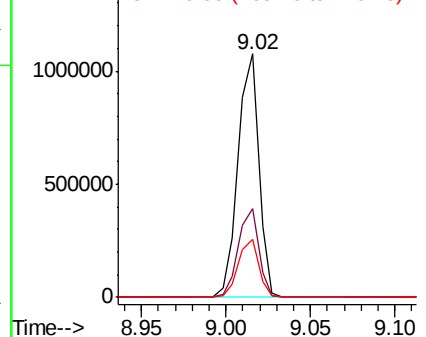


Abundance

Ion 172.00 (171.70 to 172.70): E

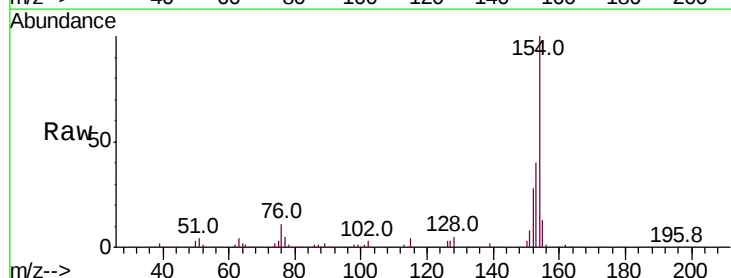
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 12.994 ng  
RT: 9.12 min Scan# 1195  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 547811 |       |       |
| 153     | 39.9  |        | 22.8  | 62.8  |
| 76      | 11.0  |        | 0.0   | 33.0  |

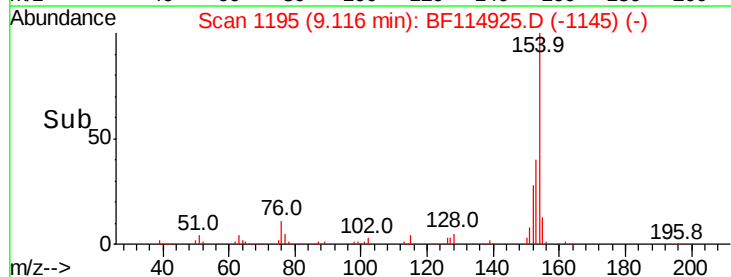
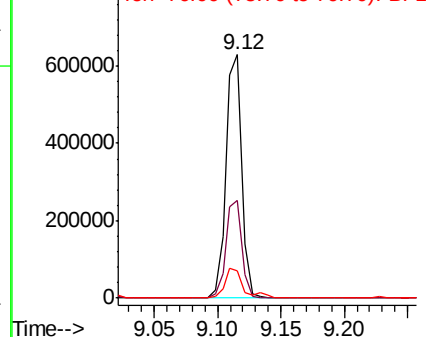


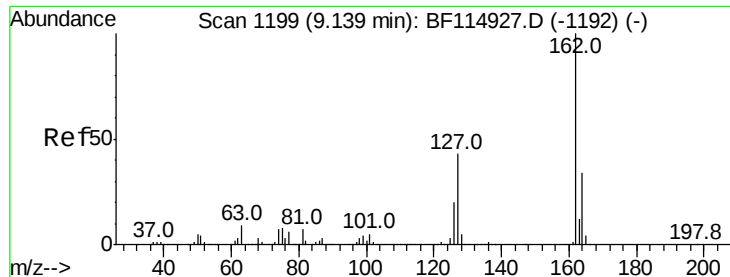
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





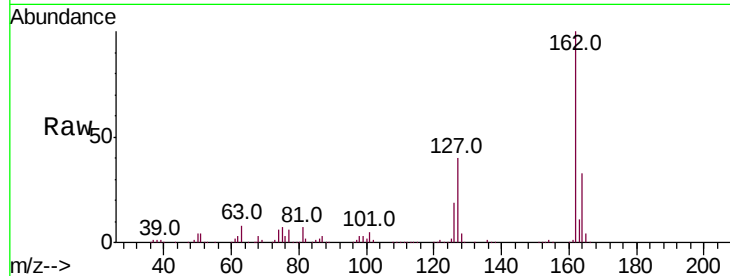
#47  
 2-Chloronaphthalene  
 Concen: 12.140 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. -0.01 min  
 Lab File: BF114925.D  
 Acq: 10 Jun 2019 10:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

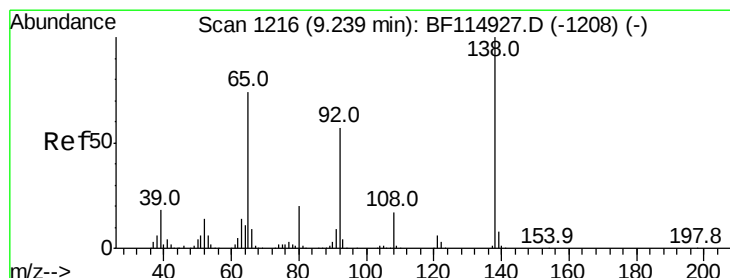
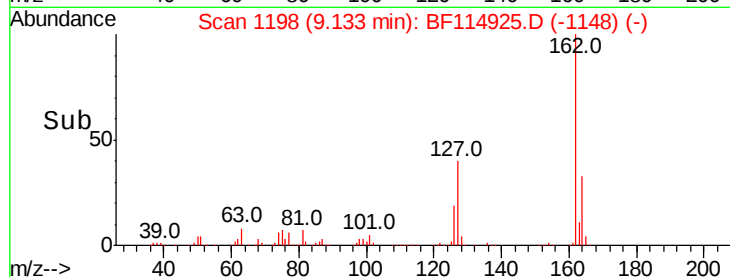
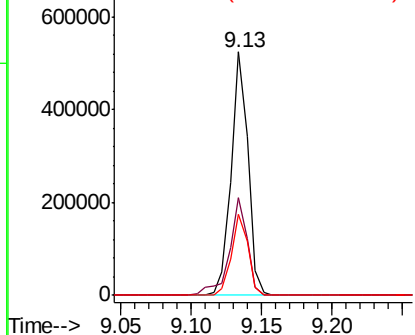
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 434904 |       |       |
| 127     | 40.3  |        | 34.6  | 51.8  |
| 164     | 33.1  |        | 27.5  | 41.3  |

Manual Integrations  
 APPROVED

mohammad  
 6/12/2019 9:13:10 AM

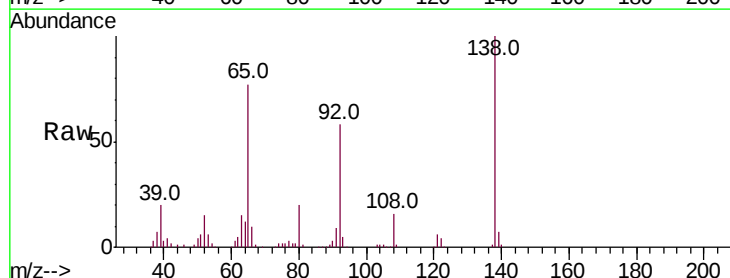


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

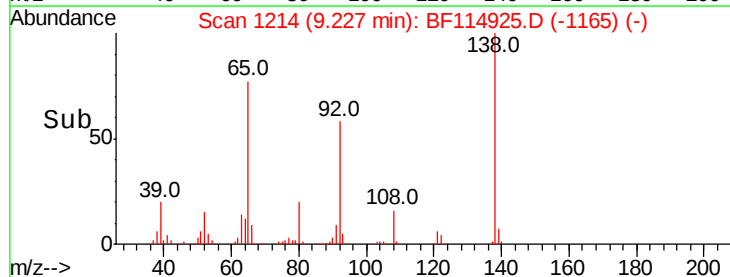
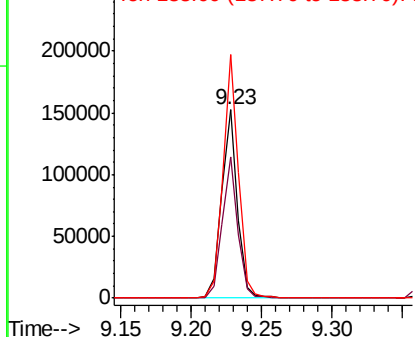


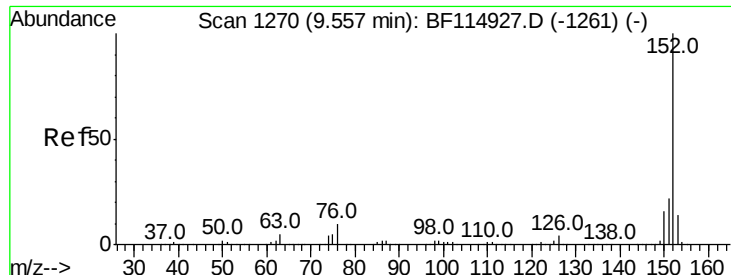
#48  
 2-Nitroaniline  
 Concen: 11.027 ng  
 RT: 9.23 min Scan# 1214  
 Delta R.T. -0.01 min  
 Lab File: BF114925.D  
 Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 117881 |       |       |
| 92      | 75.0  |        | 61.9  | 92.9  |
| 138     | 129.3 |        | 108.6 | 162.8 |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 13.094 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

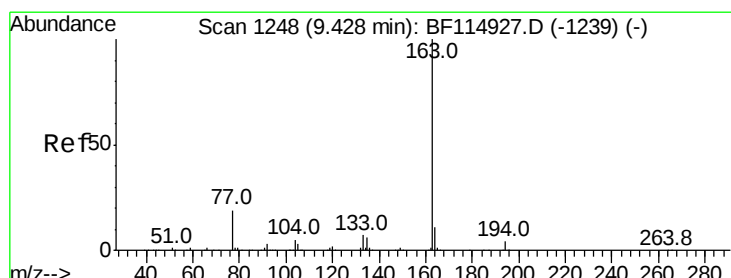
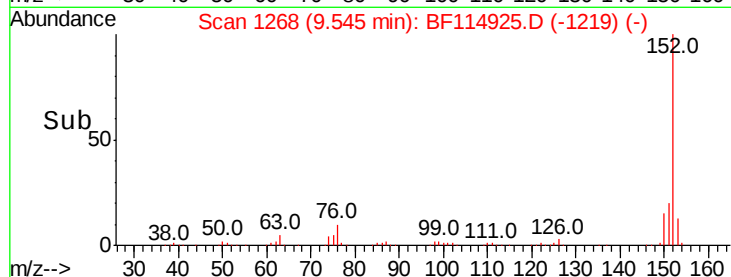
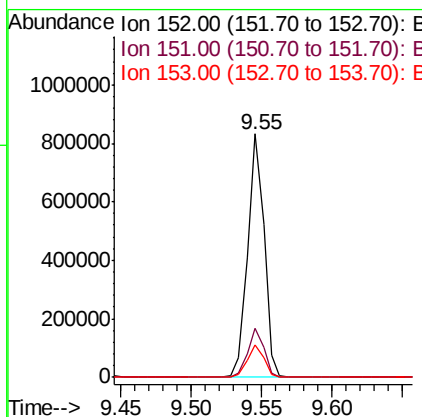
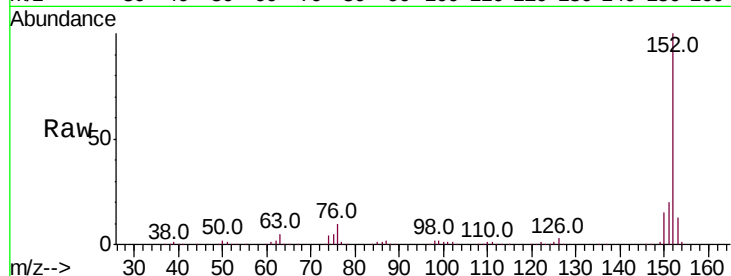
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 680227 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.3  | 17.6  | 26.4   |
| 153       | 13.2  | 11.4  | 17.0   |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM



#50

Dimethylphthalate

Concen: 11.995 ng

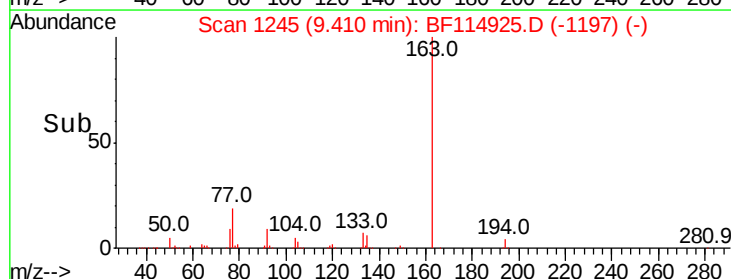
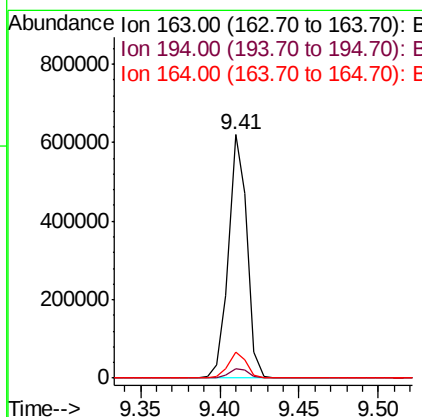
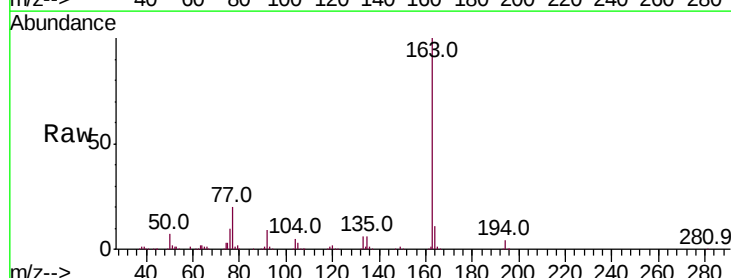
RT: 9.41 min Scan# 1245

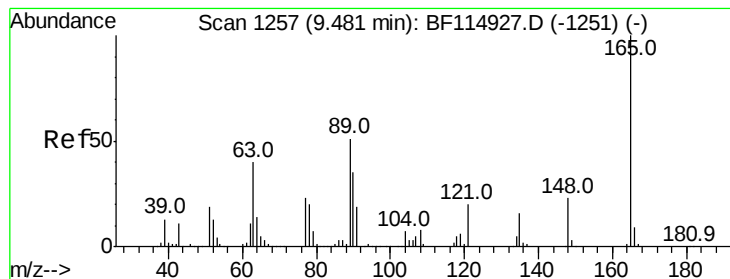
Delta R.T. -0.02 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 498310 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.6   | 3.4   | 5.0    |
| 164       | 10.6  | 8.7   | 13.1   |





#51

2,6-Dinitrotoluene

Concen: 11.113 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

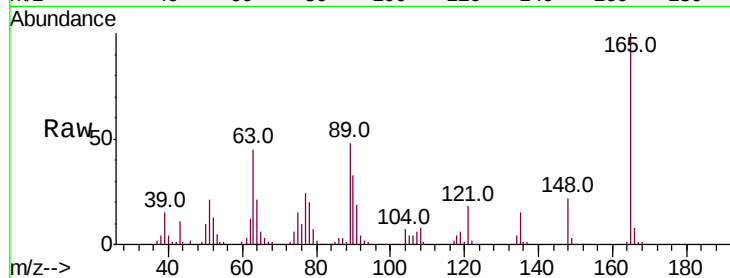
ClientSampled :

SSTDIC010

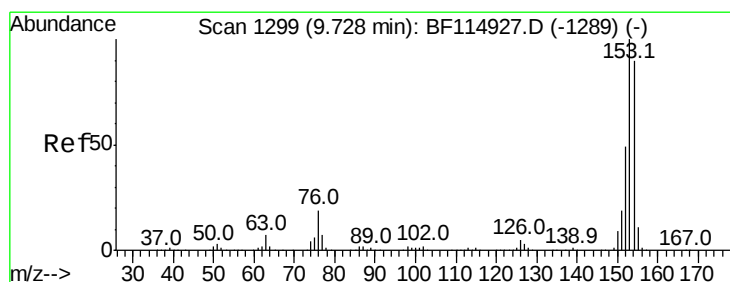
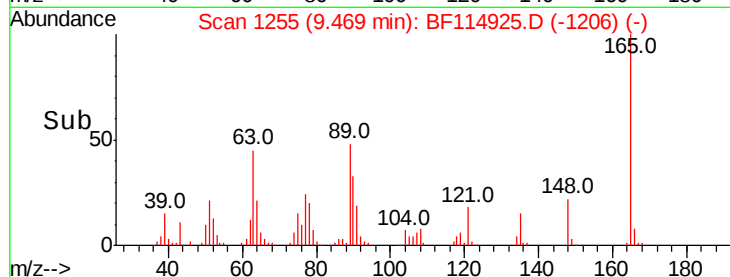
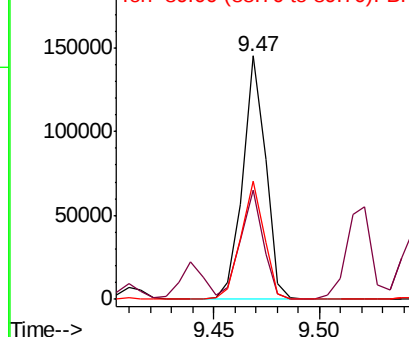
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 108577 |       |       |
| 63      | 45.0  |        | 38.3  | 57.5  |
| 89      | 48.5  |        | 40.8  | 61.2  |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM



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



#52

Acenaphthene

Concen: 11.877 ng

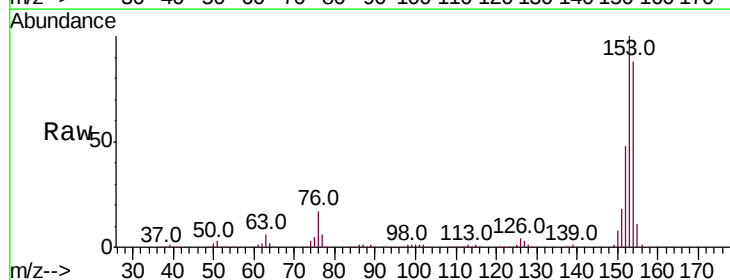
RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

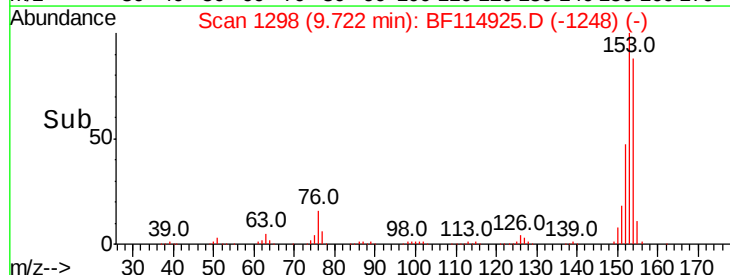
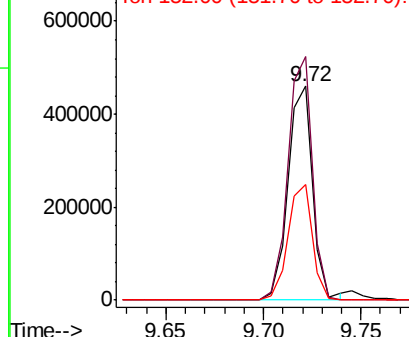
Lab File: BF114925.D

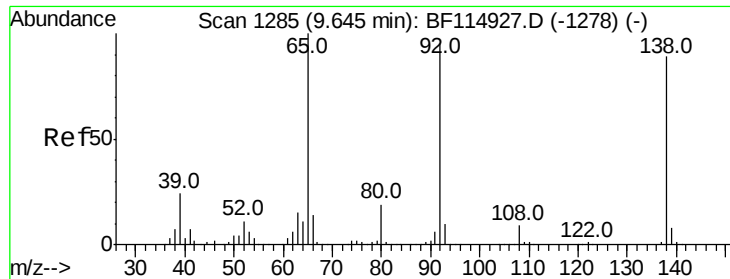
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 404178 |       |       |
| 153     | 113.7 |        | 89.1  | 133.7 |
| 152     | 54.1  |        | 43.8  | 65.6  |



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E





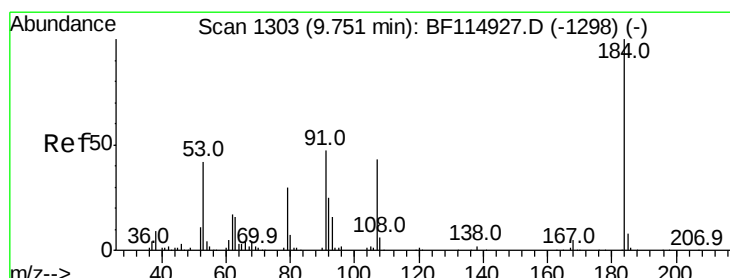
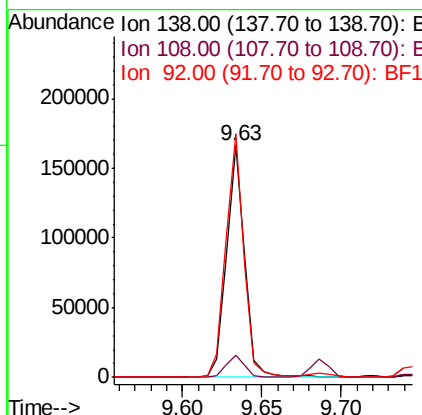
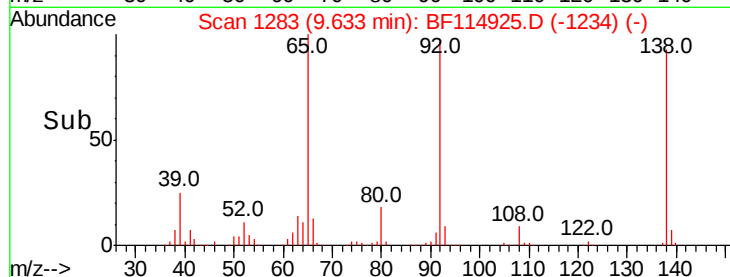
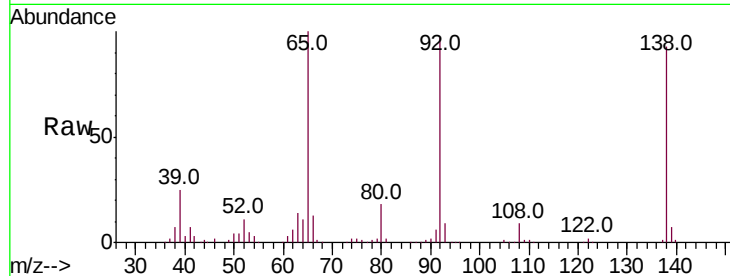
#53  
3-Nitroaniline  
Concen: 11.439 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.8   | 7.9   | 11.9  |
| 92      | 105.0 | 85.0  | 127.6 |

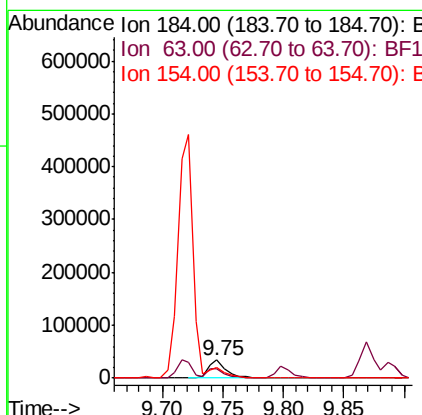
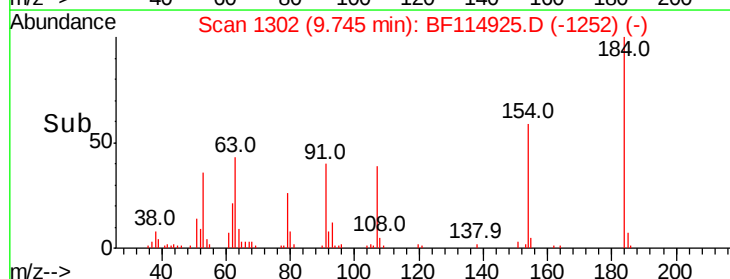
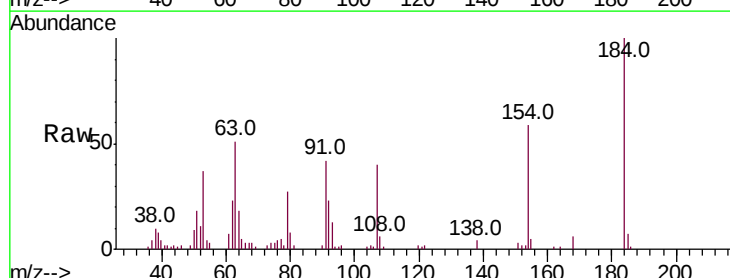
Manual Integrations  
APPROVED

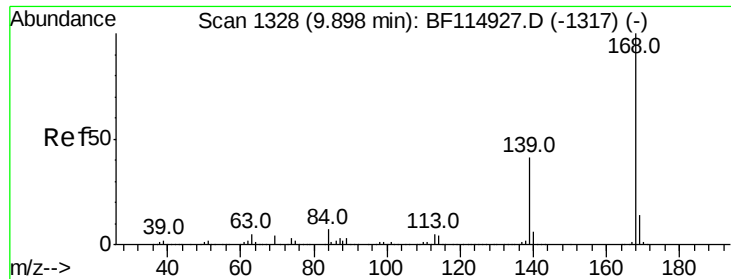
mohammad  
6/12/2019 9:13:10 AM



#54  
2,4-Dinitrophenol  
Concen: 8.267 ng  
RT: 9.75 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 51.4  | 47.4  | 71.0  |
| 154     | 58.5  | 48.6  | 73.0  |





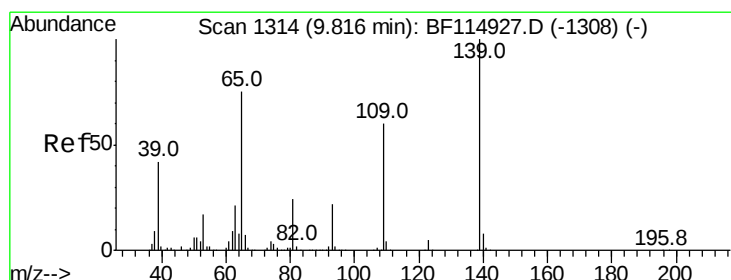
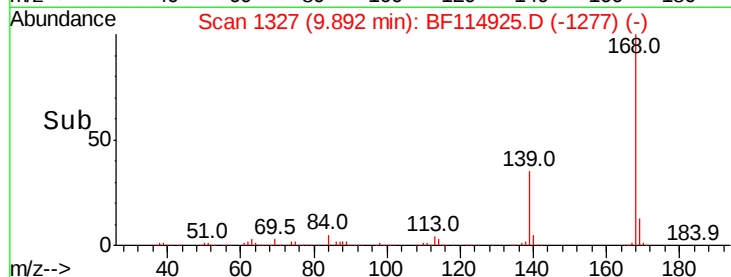
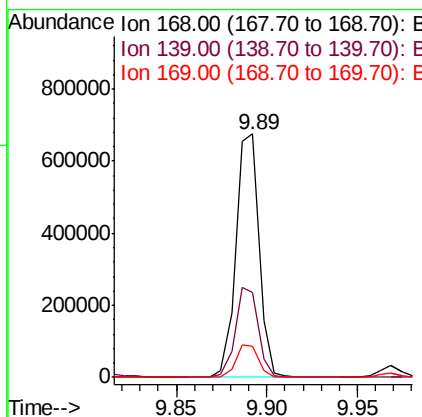
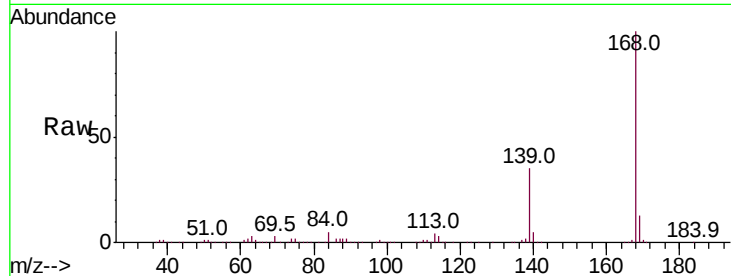
#55  
Dibenzofuran  
Concen: 12.767 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 35.1  | 33.0  | 49.4  |
| 169     | 12.9  | 11.6  | 17.4  |

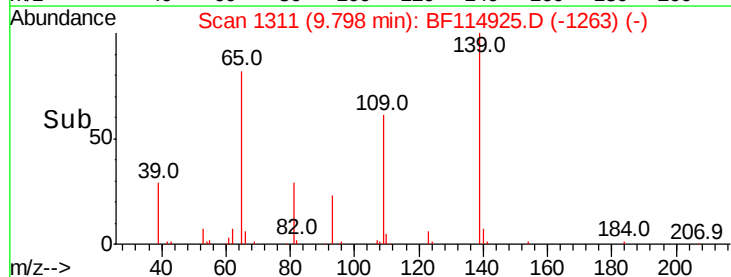
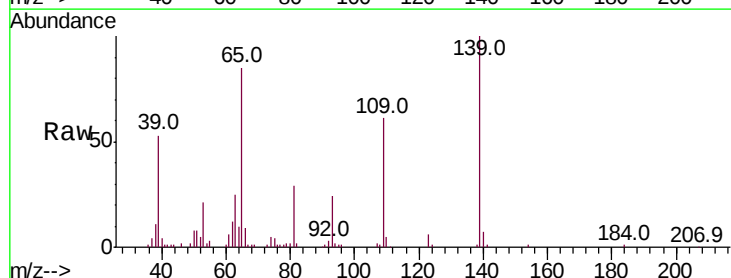
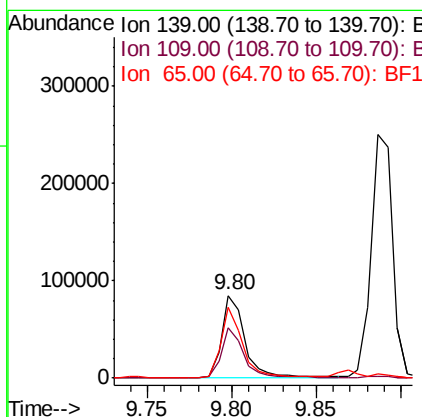
Manual Integrations  
APPROVED

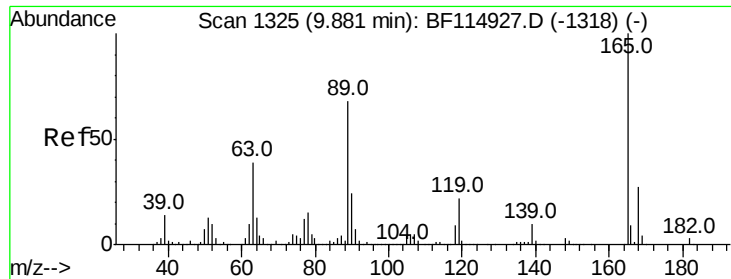
mohammad  
6/12/2019 9:13:10 AM



#56  
4-Nitrophenol  
Concen: 9.904 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. -0.02 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 60.7  | 40.0  | 80.0  |
| 65      | 85.5  | 55.0  | 95.0  |





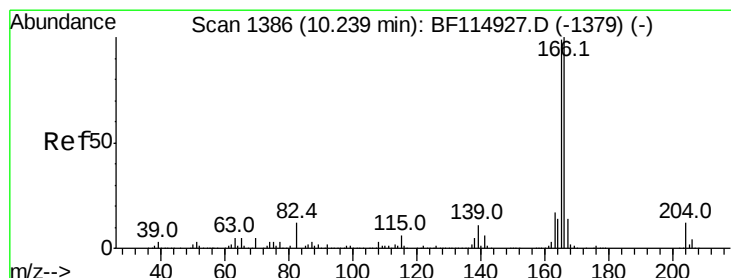
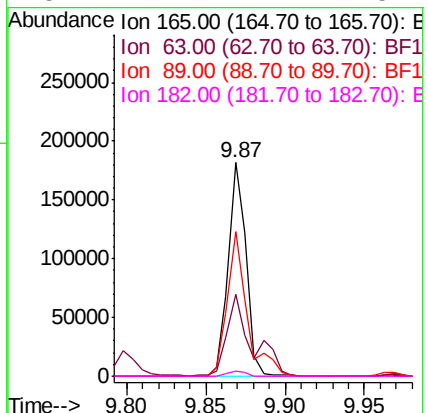
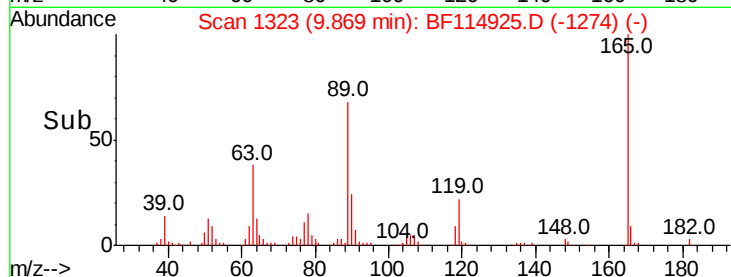
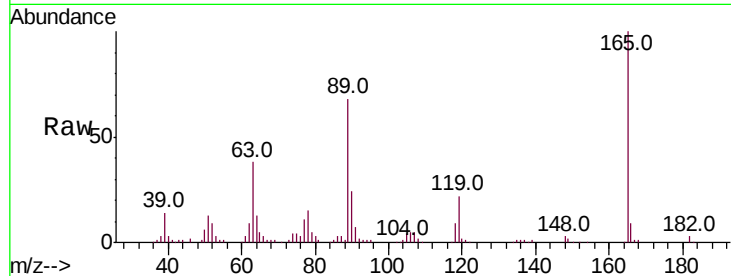
#57  
2,4-Dinitrotoluene  
Concen: 11.612 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 142620 |       |       |
| 63      | 38.1  |        | 31.8  | 47.6  |
| 89      | 67.7  |        | 54.2  | 81.2  |
| 182     | 2.7   |        | 2.1   | 3.1   |

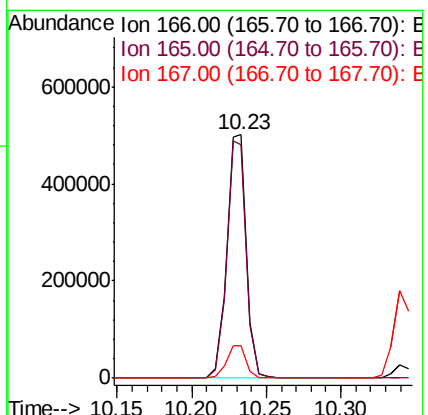
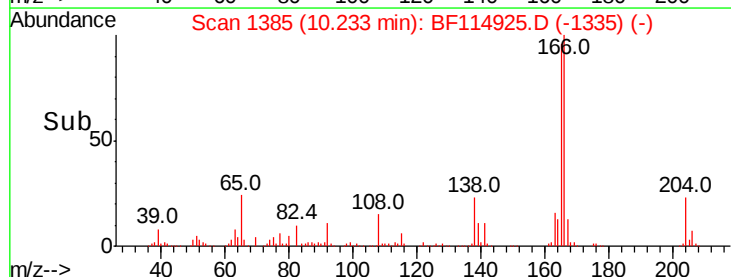
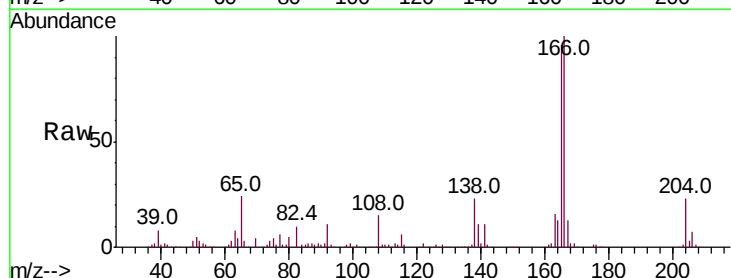
Manual Integrations  
APPROVED

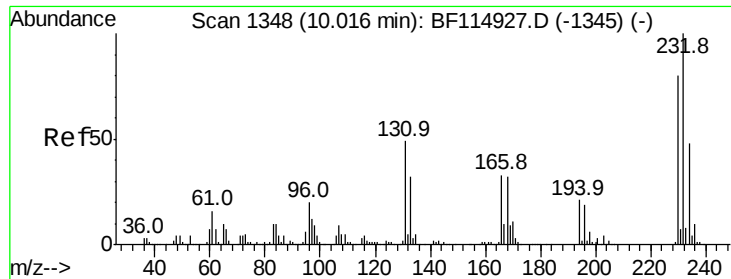
mohammad  
6/12/2019 9:13:10 AM



#58  
Fluorene  
Concen: 13.653 ng  
RT: 10.23 min Scan# 1385  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 463395 |       |       |
| 165     | 96.1  |        | 79.2  | 118.8 |
| 167     | 13.2  |        | 11.0  | 16.6  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 11.086 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

Tot Ion:232 Resp: 116593

Ion Ratio Lower Upper

232 100

131 45.8 37.0 55.4

130 1.9 1.8 2.6

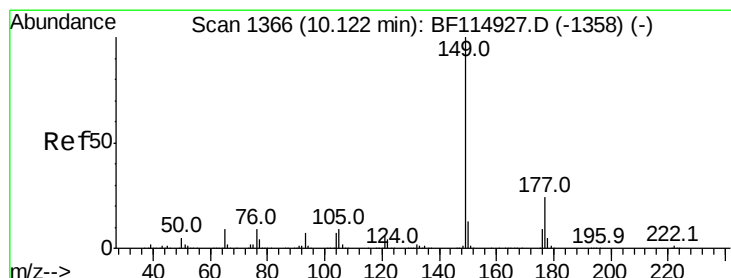
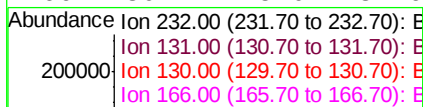
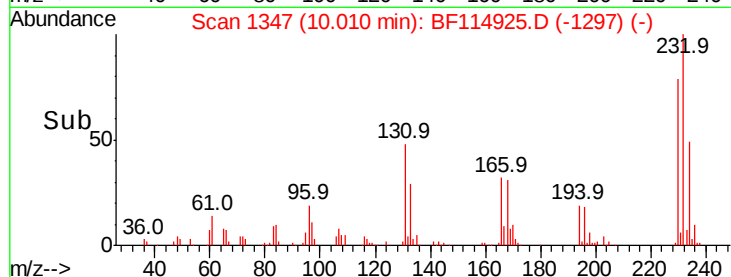
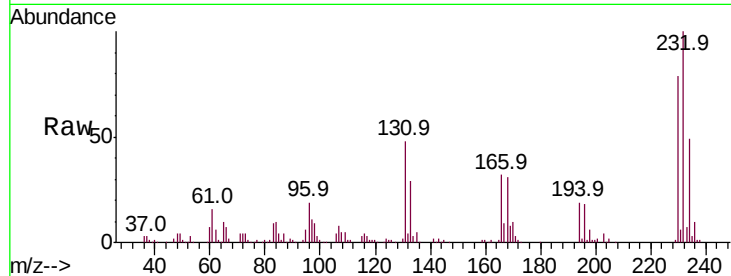
166 30.7 25.0 37.6

Manual Integrations

APPROVED

mohammad

6/12/2019 9:13:10 AM



#60

Diethylphthalate

Concen: 12.088 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

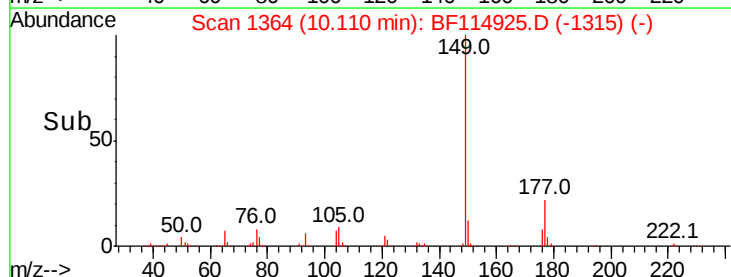
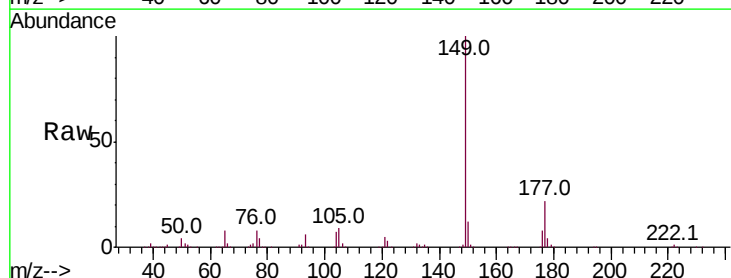
Tgt Ion:149 Resp: 503938

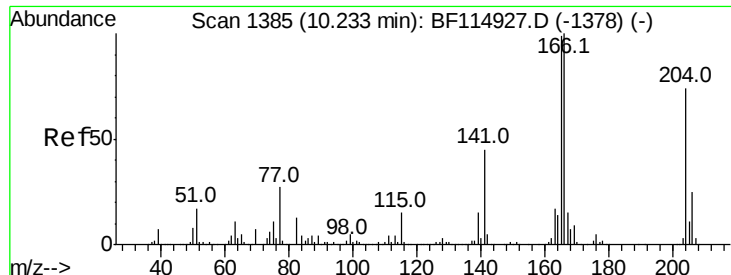
Ion Ratio Lower Upper

149 100

177 22.3 19.1 28.7

150 12.1 10.6 16.0





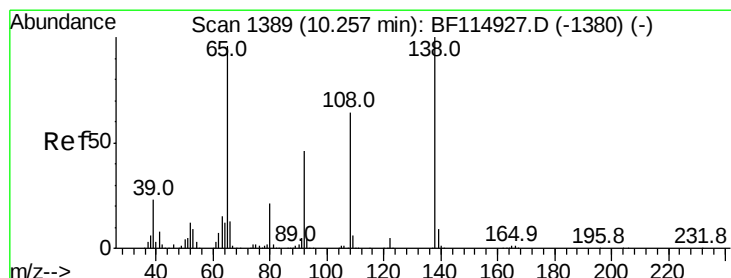
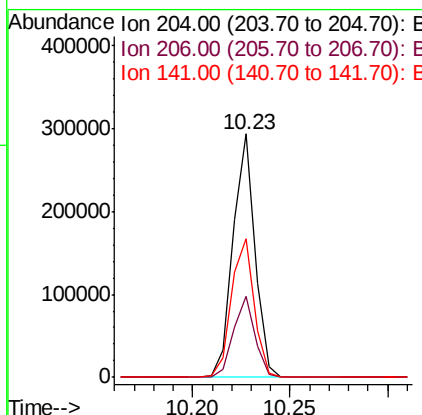
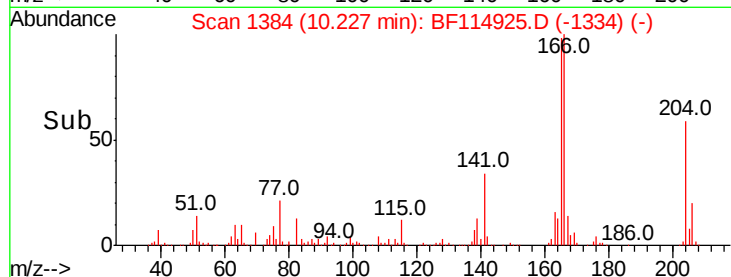
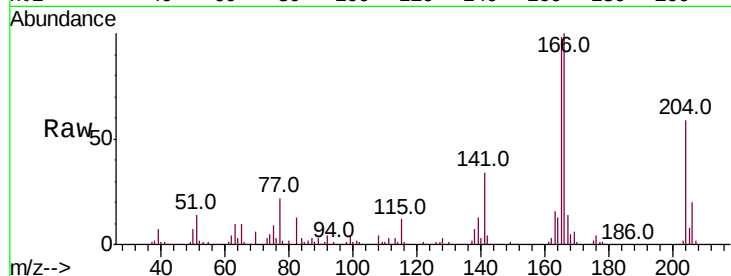
#61  
4-Chlorophenyl-phenylether  
Concen: 12.624 ng  
RT: 10.23 min Scan# 1384  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 33.4  | 26.8 | 40.2  |       |
| 141     | 56.8  | 48.5 | 72.7  |       |

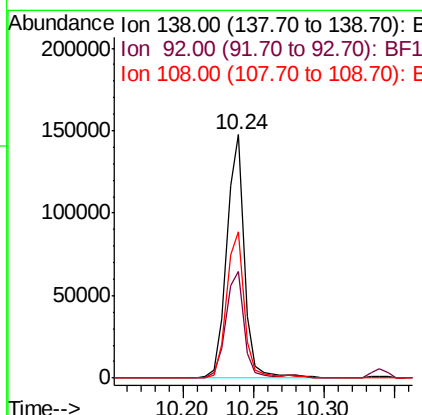
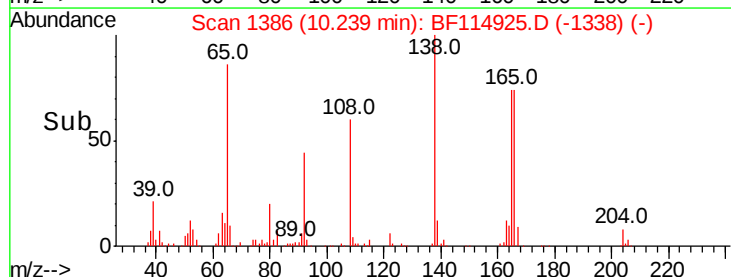
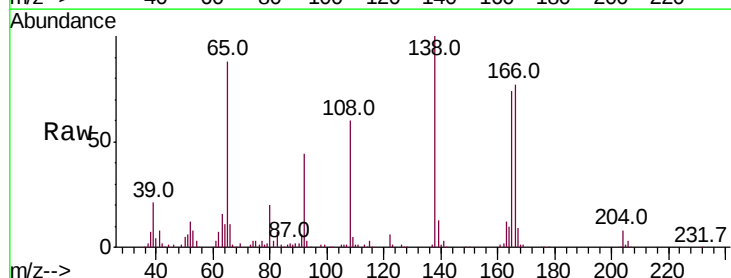
Manual Integrations  
APPROVED

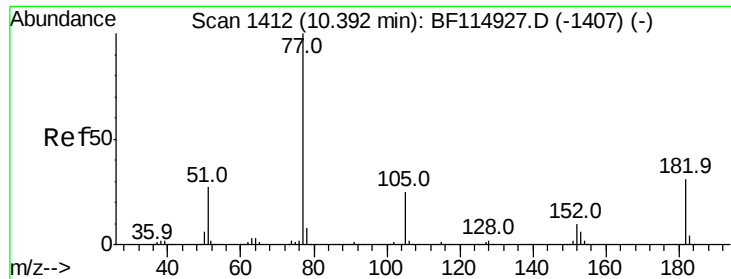
mohammad  
6/12/2019 9:13:10 AM



#62  
4-Nitroaniline  
Concen: 11.633 ng  
RT: 10.24 min Scan# 1386  
Delta R.T. -0.02 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 43.8  | 26.0 | 66.0  |       |
| 108     | 60.1  | 44.0 | 84.0  |       |





#63

Azobenzene

Concen: 12.288 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tot Ion: 77 Resp: 436043

Ion Ratio Lower Upper

77 100

182 29.9 10.8 50.8

105 23.8 5.3 45.3

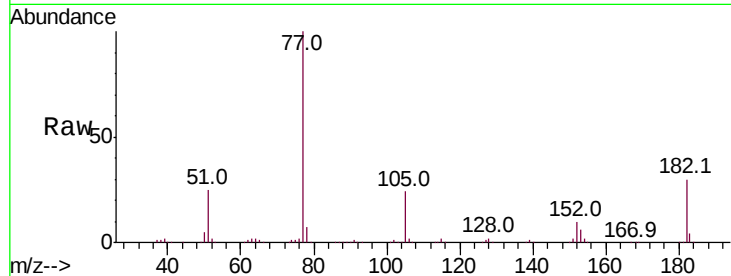
51 24.6 6.8 46.8

Manual Integrations

APPROVED

mohammad

6/12/2019 9:13:10 AM

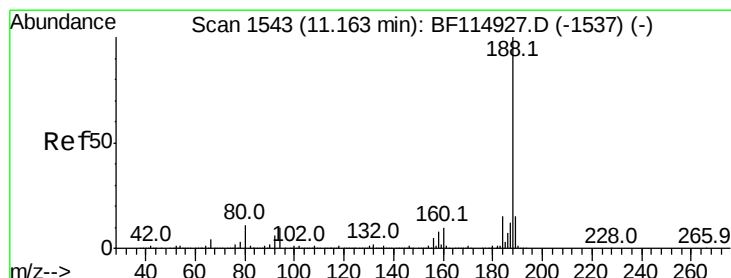
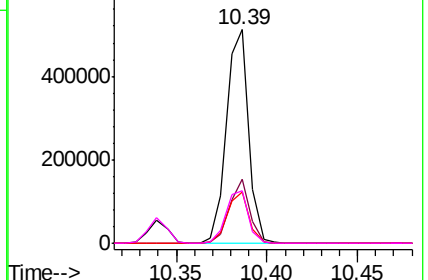
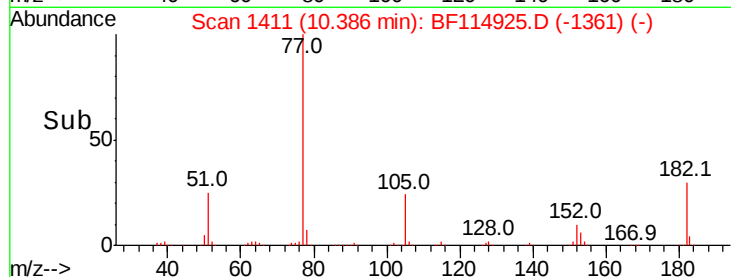


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.16 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

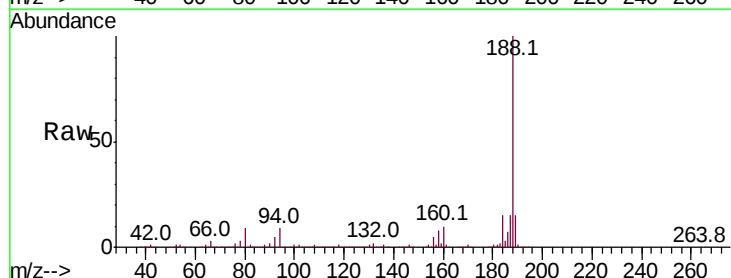
Tgt Ion: 188 Resp: 1123927

Ion Ratio Lower Upper

188 100

94 9.0 8.1 12.1

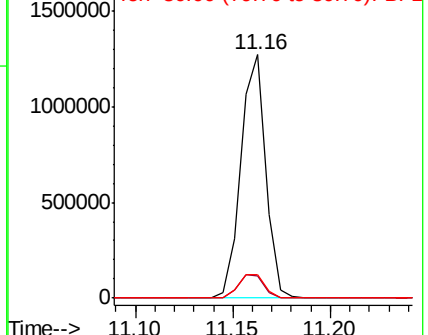
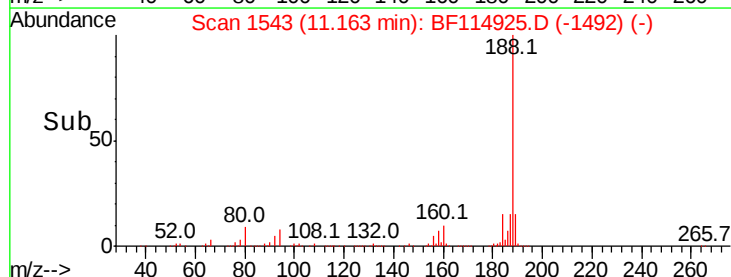
80 9.5 8.6 12.8

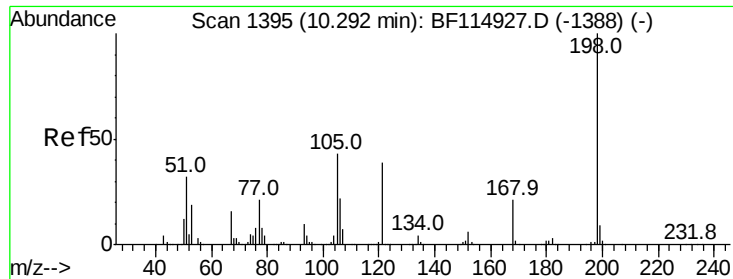


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 9.288 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

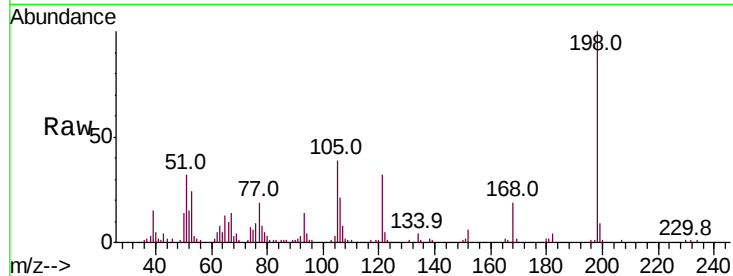
ClientSampleId :

SSTDICC010

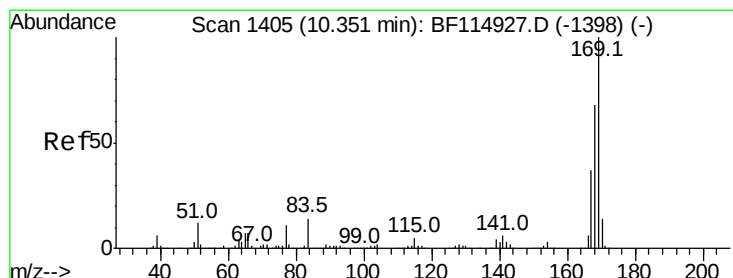
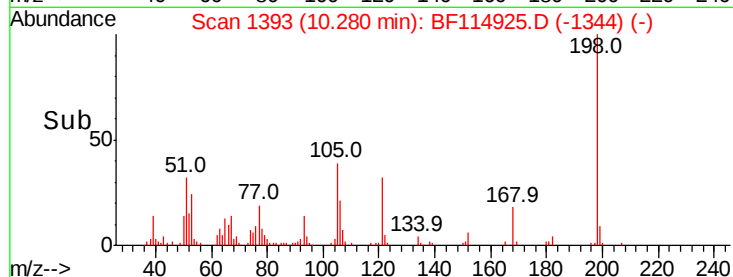
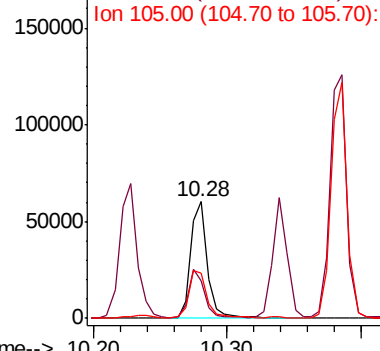
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 198   | Resp: | 54224 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 32.5  | 16.8  | 56.8  |
| 105       | 38.7  | 23.5  | 63.5  |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 11.939 ng

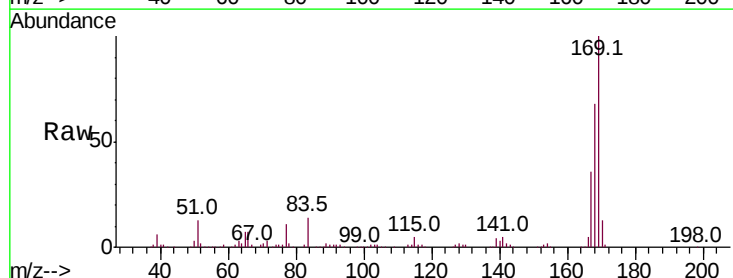
RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

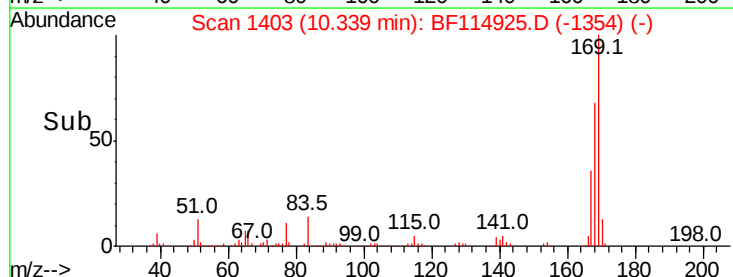
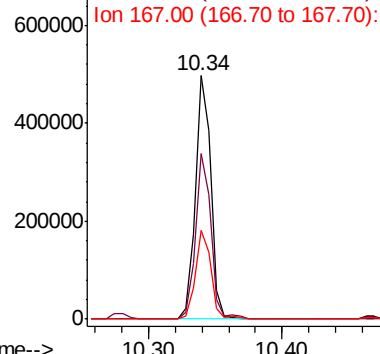
Lab File: BF114925.D

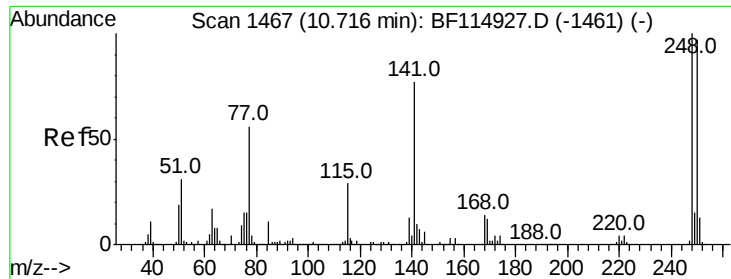
Acq: 10 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 405752 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.8  | 54.2  | 81.2   |
| 167       | 36.4  | 29.4  | 44.2   |



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 11.128 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

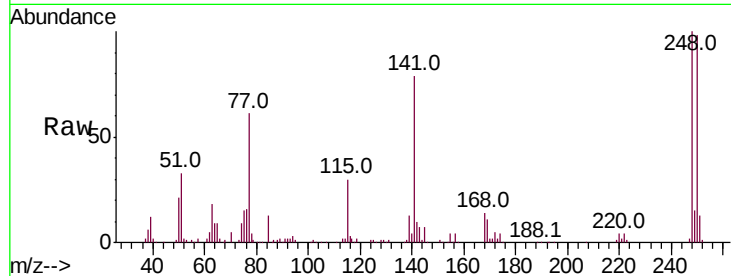
ClientSampleId :

SSTDIC010

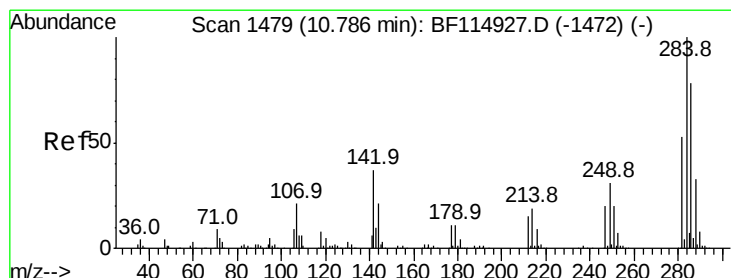
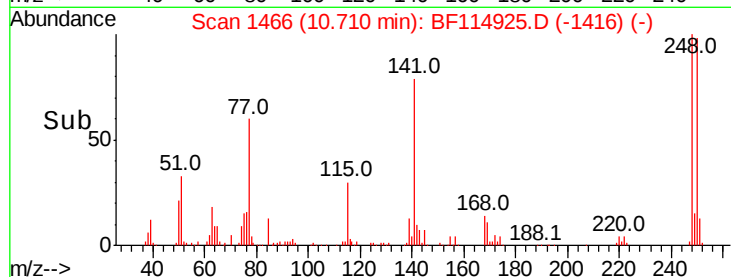
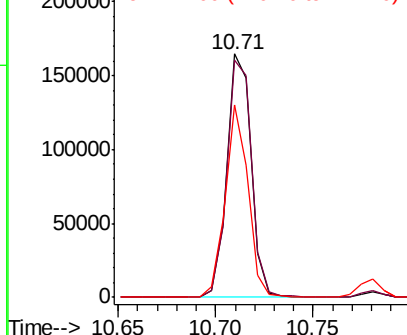
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 142052 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.7  | 77.4  | 116.0  |
| 141       | 78.9  | 61.8  | 92.6   |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 11.537 ng

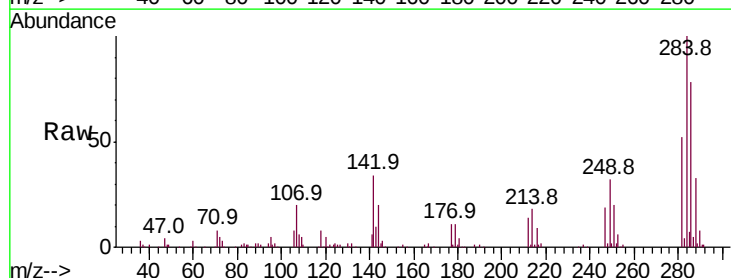
RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

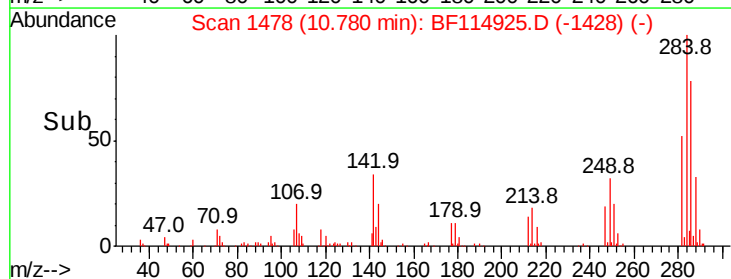
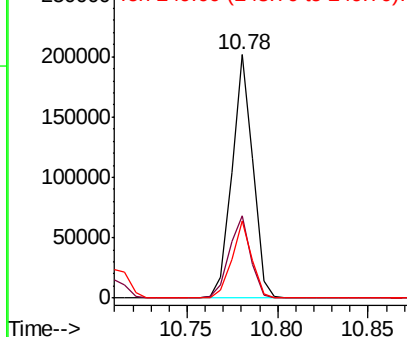
Lab File: BF114925.D

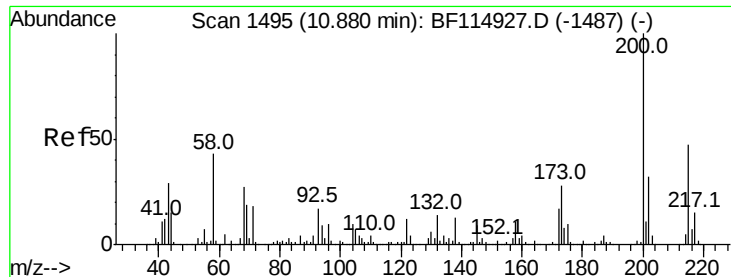
Acq: 10 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 161175 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 33.8  | 29.3  | 43.9   |
| 249       | 31.5  | 25.1  | 37.7   |



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





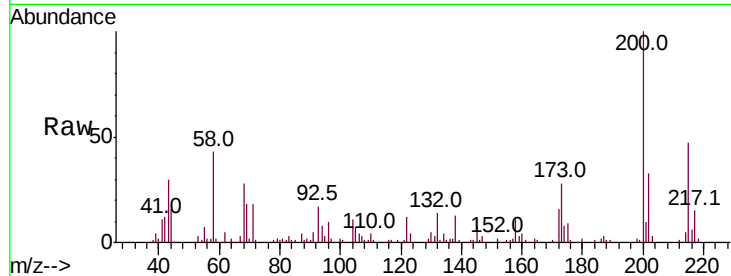
#69  
Atrazine  
Concen: 11.521 ng  
RT: 10.87 min Scan# 1493  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

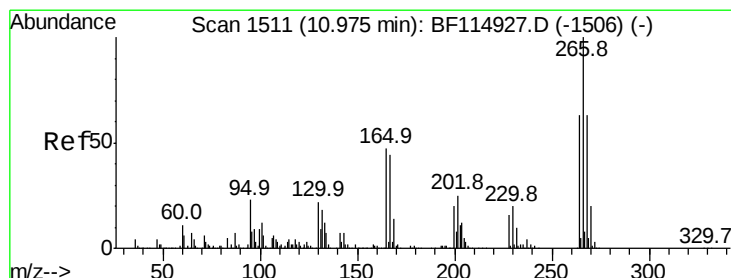
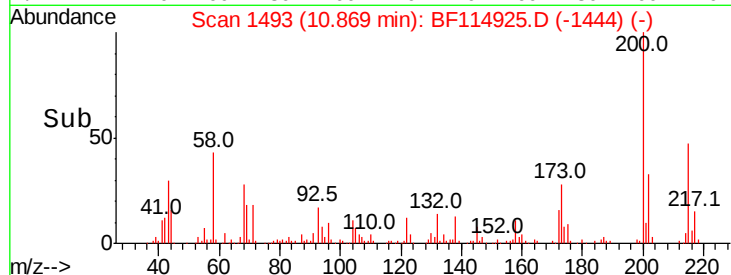
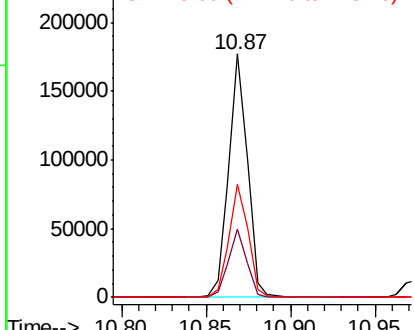
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 136171 |       |       |
| 173     | 28.1  | 8.3    | 48.3  |       |
| 215     | 46.5  | 26.6   | 66.6  |       |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM

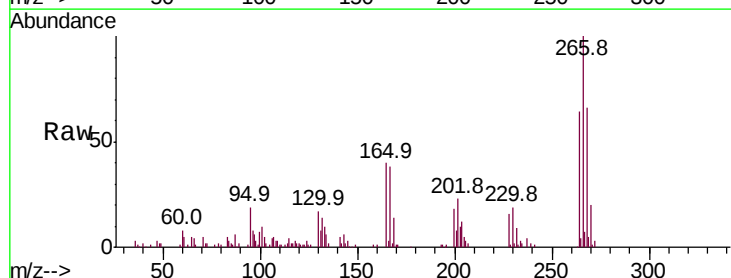


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

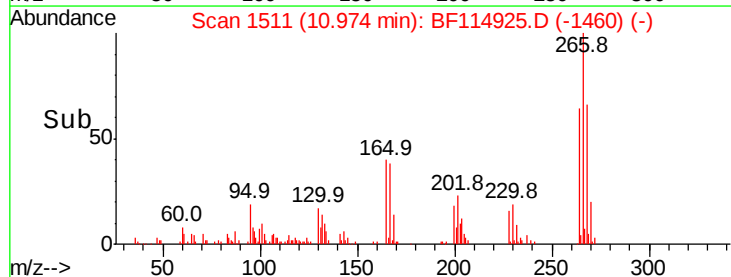
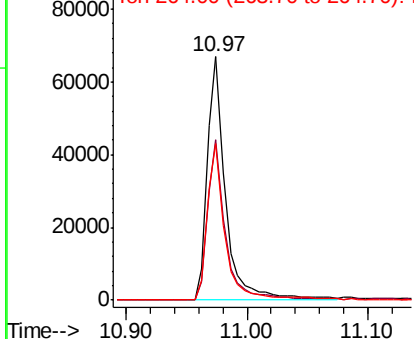


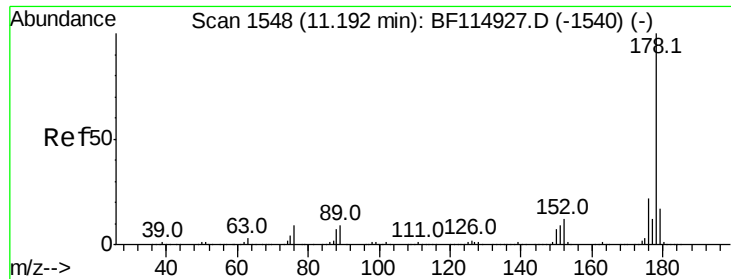
#70  
Pentachlorophenol  
Concen: 8.727 ng  
RT: 10.97 min Scan# 1511  
Delta R.T. -0.00 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 70482 |       |       |
| 268     | 66.1  | 50.8  | 76.2  |       |
| 264     | 64.4  | 50.4  | 75.6  |       |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





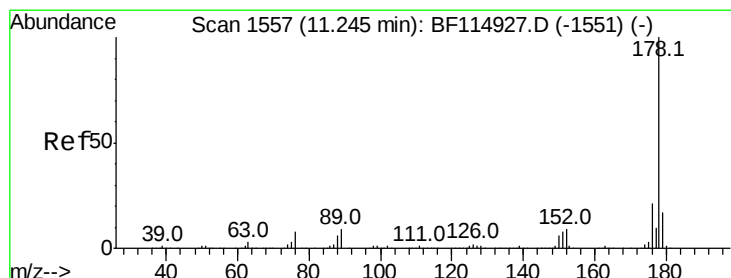
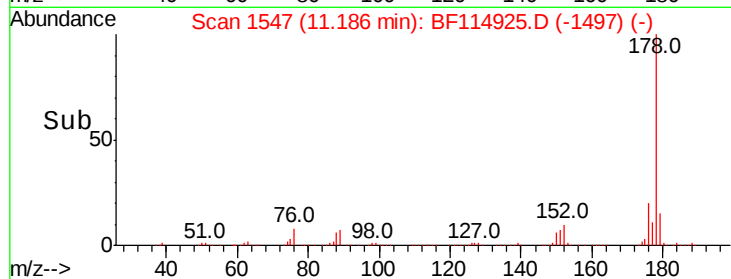
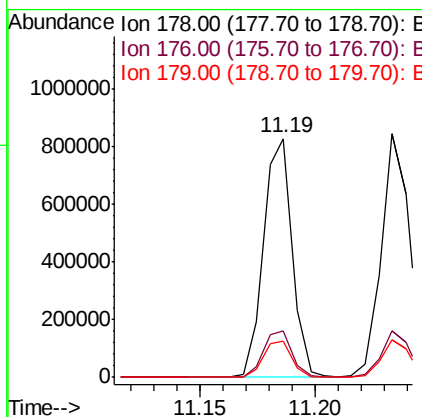
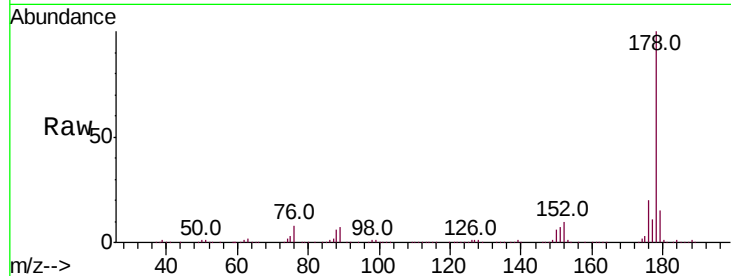
#71  
Phenanthrene  
Concen: 13.363 ng  
RT: 11.19 min Scan# 1547  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 17.4  | 26.2  |
| 179     | 15.3  | 13.6  | 20.4  |

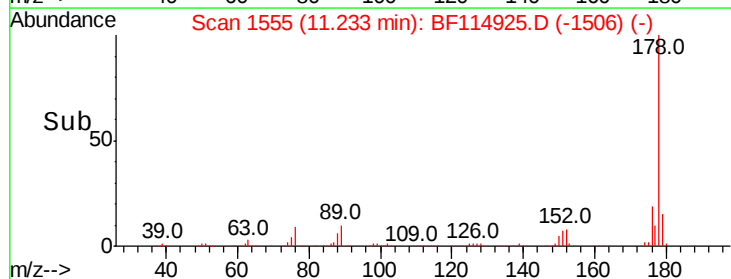
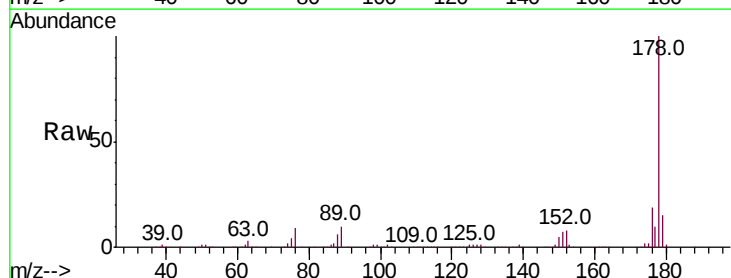
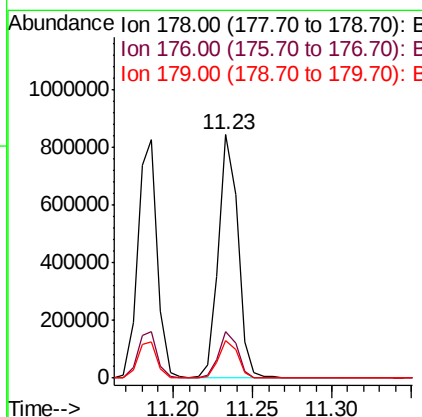
Manual Integrations  
APPROVED

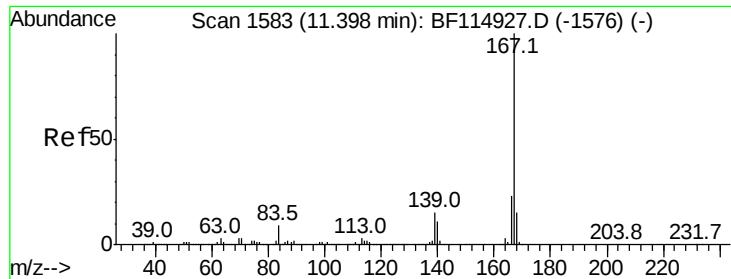
mohammad  
6/12/2019 9:13:10 AM



#72  
Anthracene  
Concen: 12.768 ng  
RT: 11.23 min Scan# 1555  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 16.6  | 25.0  |
| 179     | 15.4  | 13.4  | 20.2  |





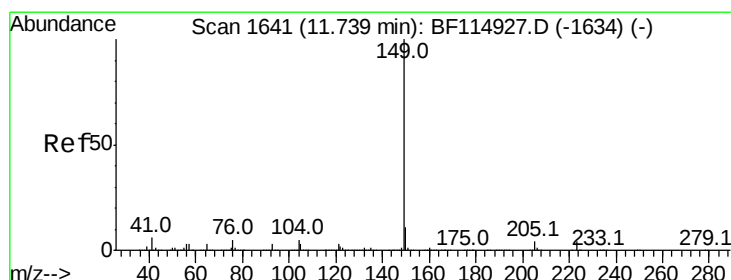
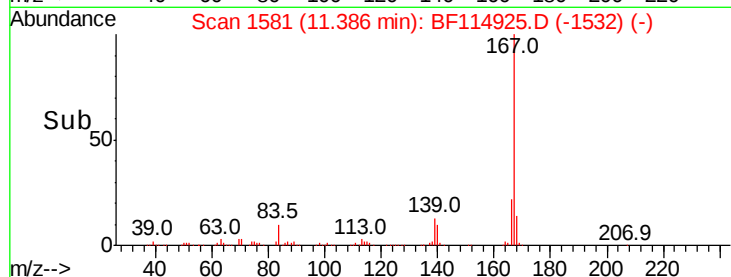
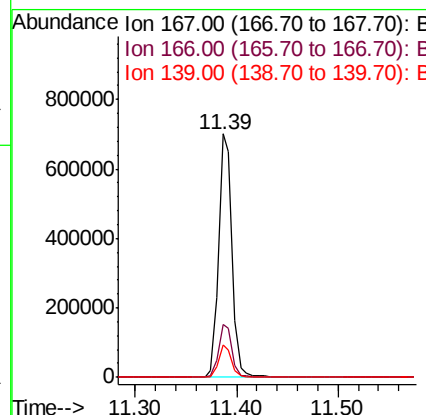
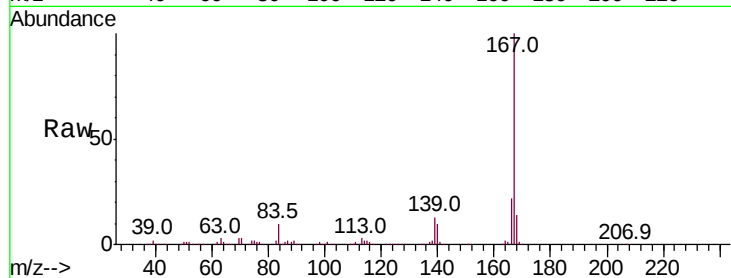
#73  
 Carbazole  
 Concen: 13.382 ng  
 RT: 11.39 min Scan# 1581  
 Delta R.T. -0.01 min  
 Lab File: BF114925.D  
 Acq: 10 Jun 2019 10:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.7  | 18.8  | 28.2  |
| 139     | 13.4  | 11.6  | 17.4  |

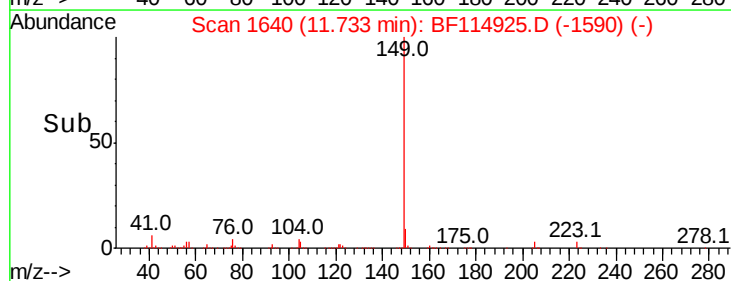
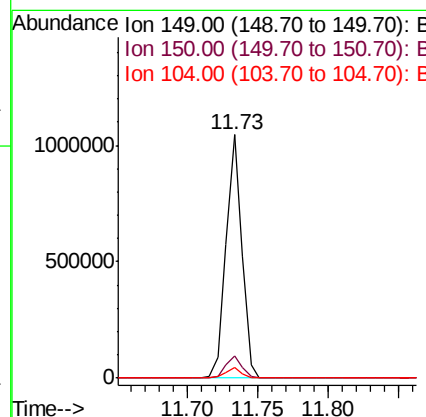
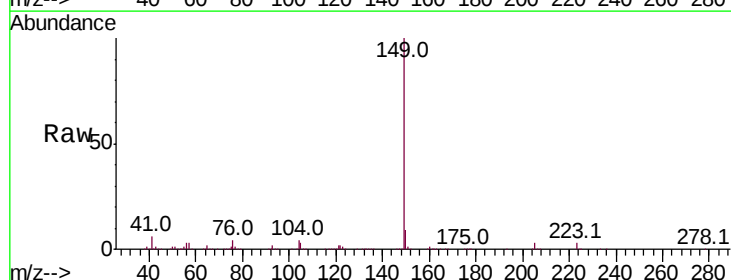
Manual Integrations  
 APPROVED

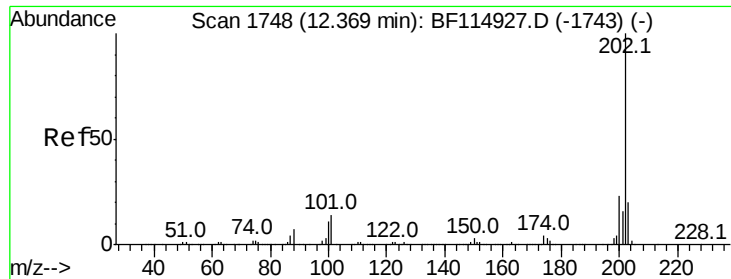
mohammad  
 6/12/2019 9:13:10 AM



#74  
 Di-n-butylphthalate  
 Concen: 12.807 ng  
 RT: 11.73 min Scan# 1640  
 Delta R.T. -0.01 min  
 Lab File: BF114925.D  
 Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 8.5   | 12.7  |
| 104     | 4.3   | 4.1   | 6.1   |





#75

Fluoranthene

Concen: 13.280 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

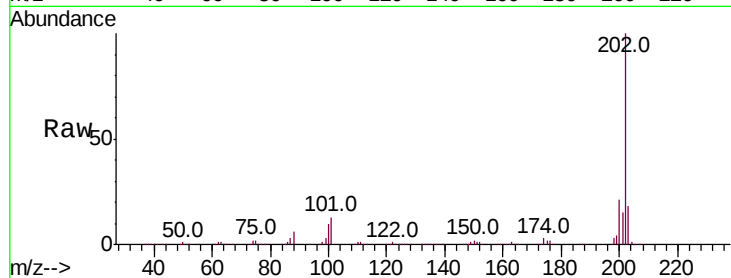
ClientSampleId :

SSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 741595 |       |       |
| 101     | 12.8  | 0.0    | 34.3  |       |
| 203     | 18.1  | 0.0    | 39.6  |       |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM

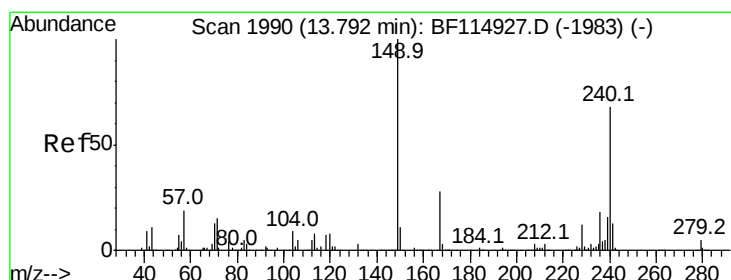
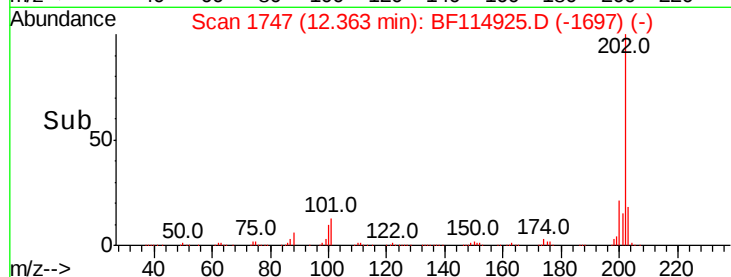
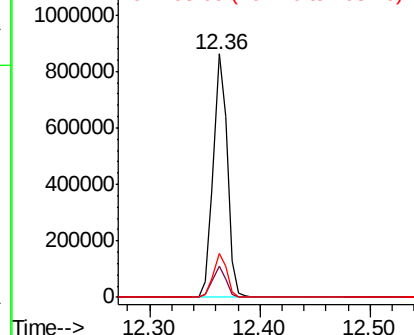


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

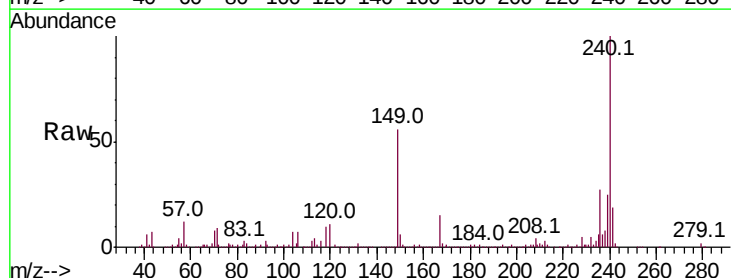
RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 841048 |       |       |
| 120     | 11.4  | 9.2    | 13.8  |       |
| 236     | 26.7  | 21.7   | 32.5  |       |

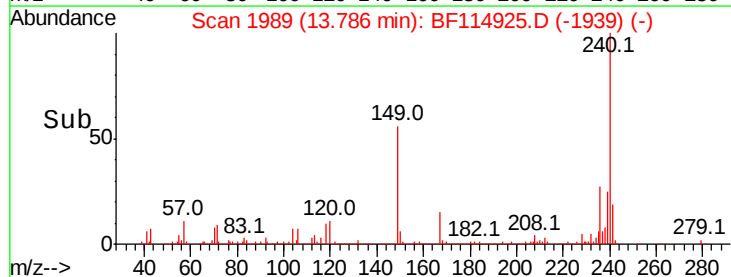
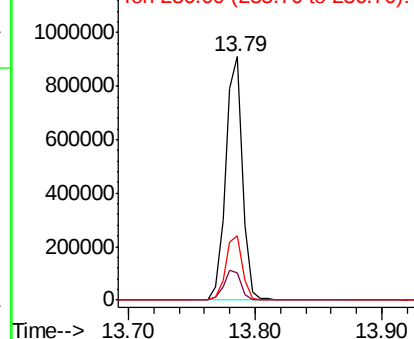


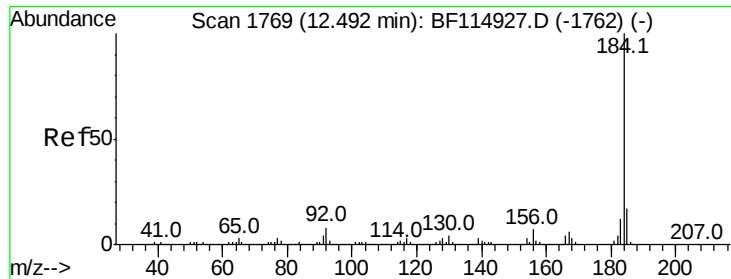
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.286 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

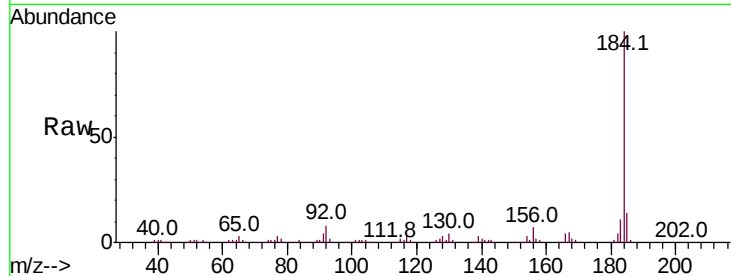
ClientSampleId :

SSTDIC010

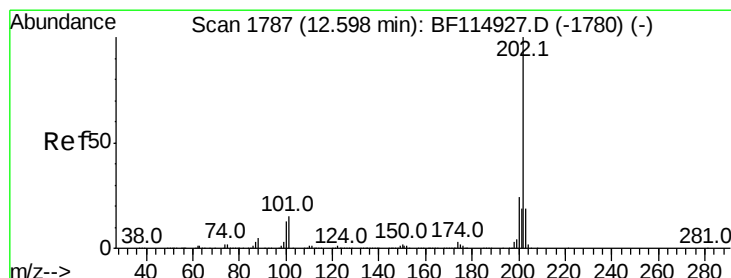
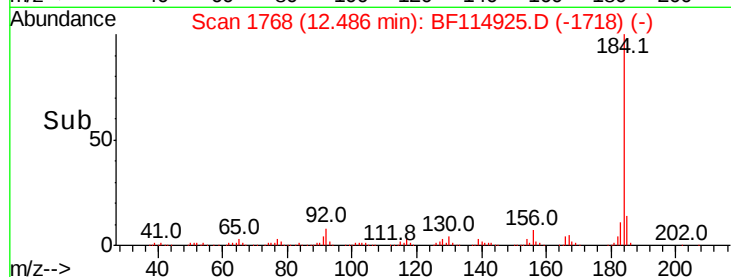
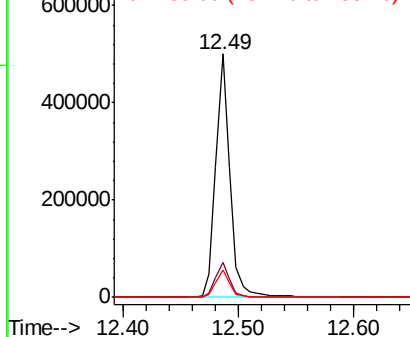
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 428263 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.2  | 13.4  | 20.0   |
| 183       | 11.5  | 9.8   | 14.6   |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.446 ng

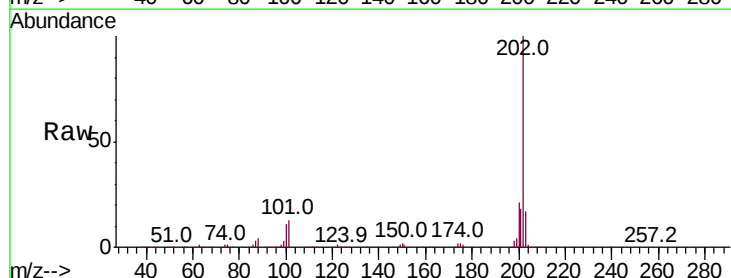
RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

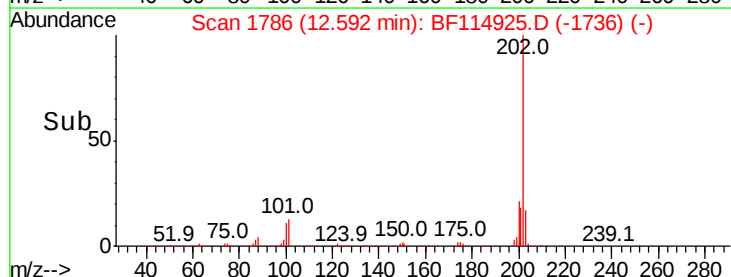
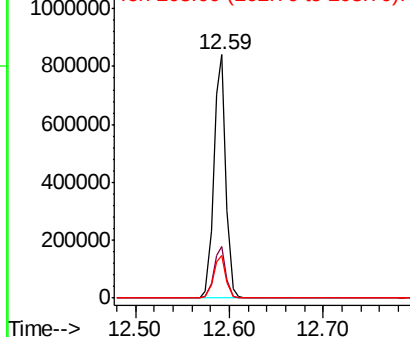
Lab File: BF114925.D

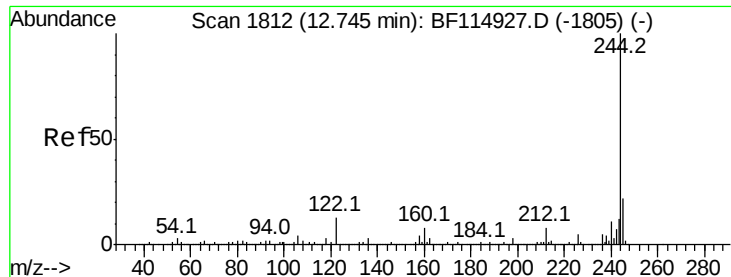
Acq: 10 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 762162 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.3  | 18.9  | 28.3   |
| 203       | 17.4  | 15.2  | 22.8   |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 22.509 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

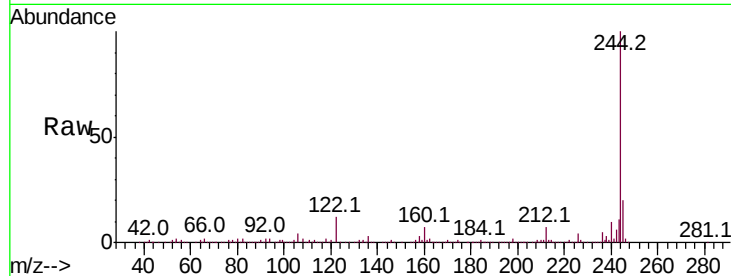
ClientSampleId :

SSTDIC010

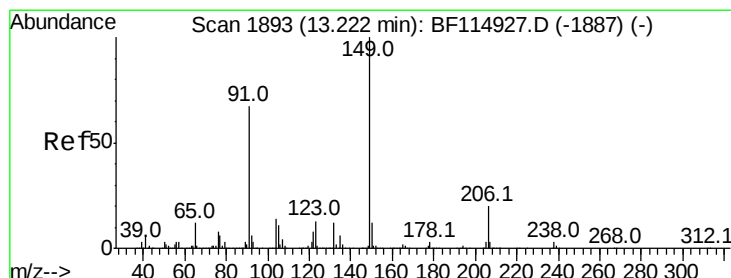
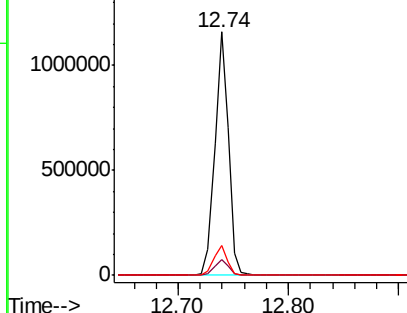
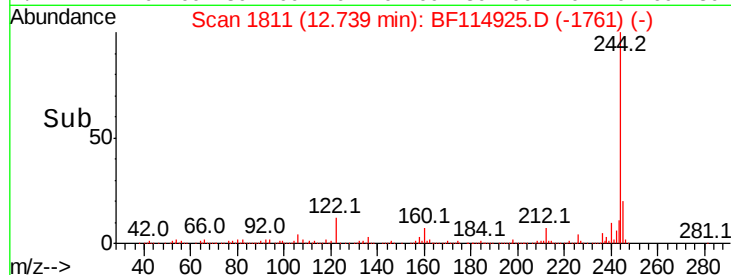
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 244  | Resp: | 973460 |
| Ion Ratio |      | Lower | Upper  |
| 244       | 100  |       |        |
| 212       | 6.6  | 6.2   | 9.2    |
| 122       | 12.1 | 10.2  | 15.4   |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM



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: 9.179 ng

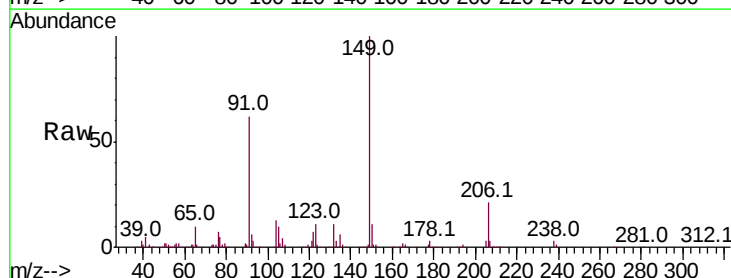
RT: 13.22 min Scan# 1893

Delta R.T. -0.00 min

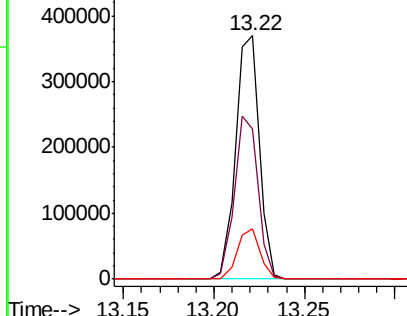
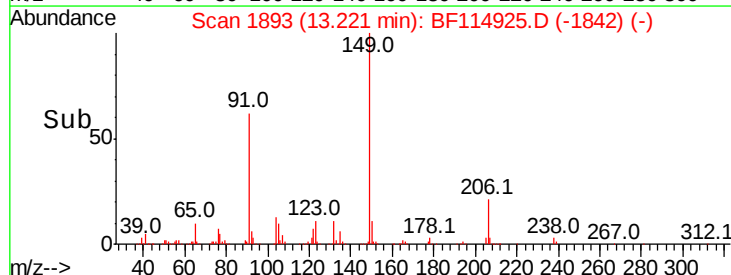
Lab File: BF114925.D

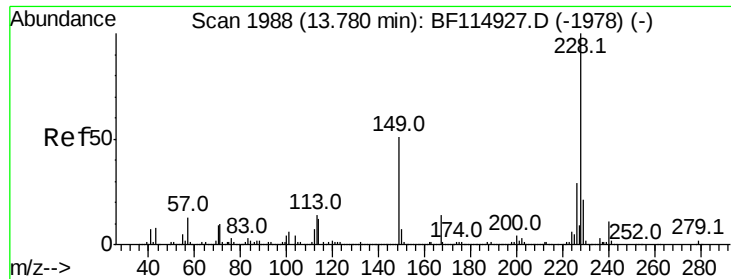
Acq: 10 Jun 2019 10:30

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 338191 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 91        | 61.5 | 53.8  | 80.8   |
| 206       | 20.9 | 16.3  | 24.5   |



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





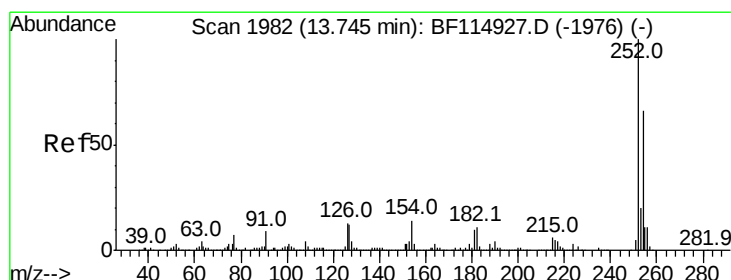
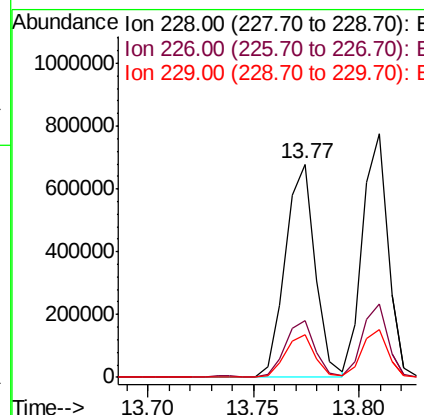
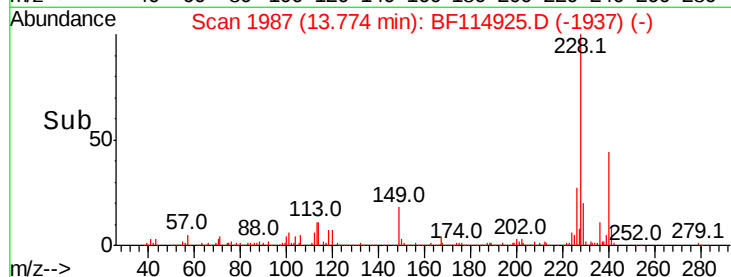
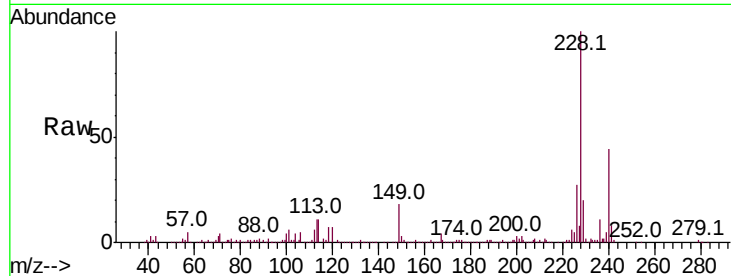
#81  
Benzo(a)anthracene  
Concen: 10.348 ng  
RT: 13.77 min Scan# 1987  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.6  | 22.8  | 34.2  |
| 229     | 19.9  | 16.6  | 25.0  |

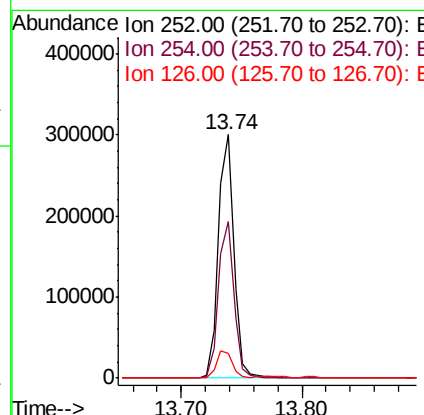
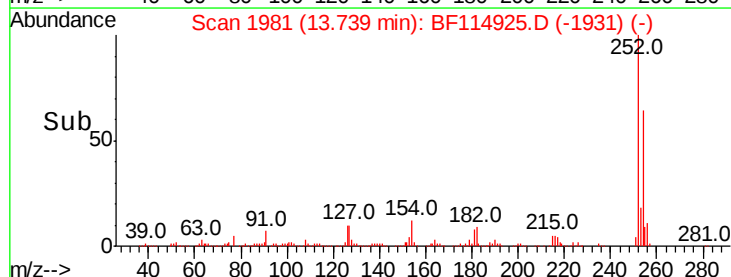
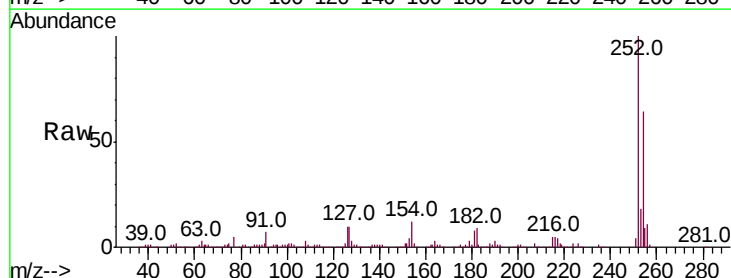
Manual Integrations  
APPROVED

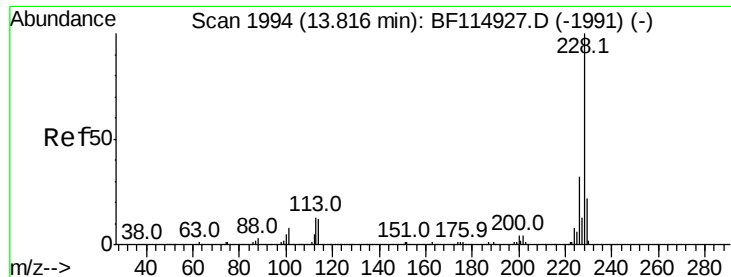
mohammad  
6/12/2019 9:13:10 AM



#82  
3,3'-Dichlorobenzidine  
Concen: 10.069 ng  
RT: 13.74 min Scan# 1981  
Delta R.T. -0.01 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.3  | 52.6  | 78.8  |
| 126     | 10.3  | 10.4  | 15.6  |





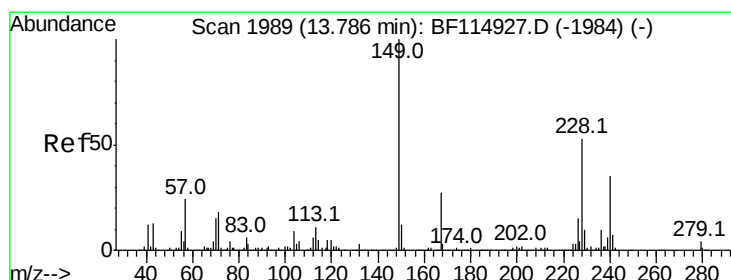
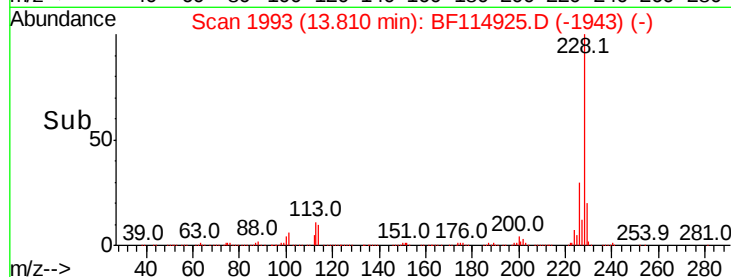
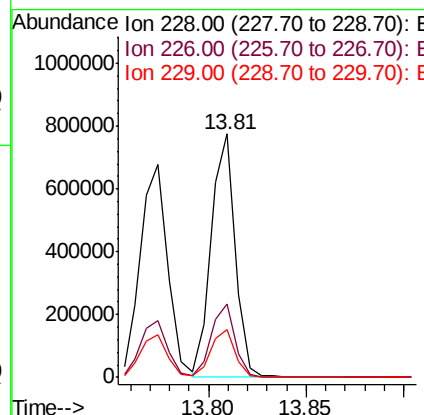
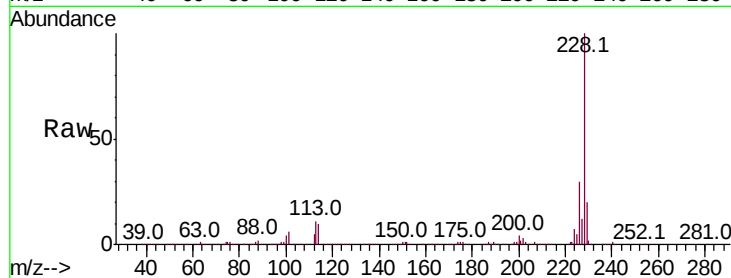
#83  
 Chrysene  
 Concen: 10.482 ng  
 RT: 13.81 min Scan# 1993  
 Delta R.T. -0.01 min  
 Lab File: BF114925.D  
 Acq: 10 Jun 2019 10:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 25.8  | 38.8  |
| 229     | 19.6  | 17.2  | 25.8  |

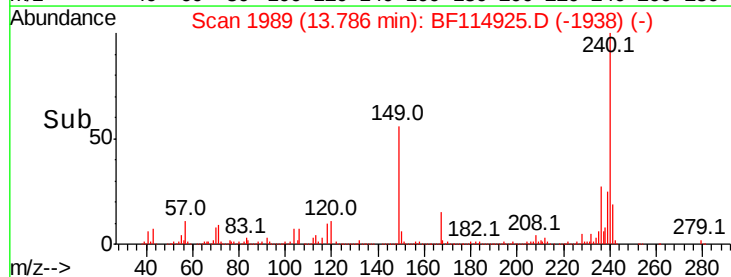
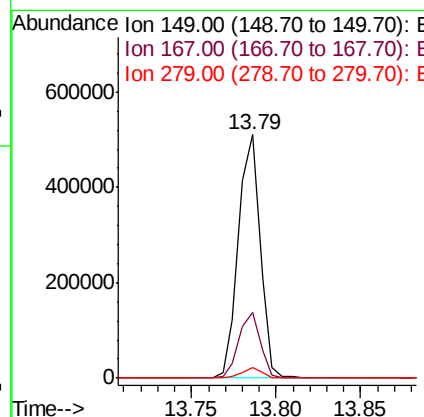
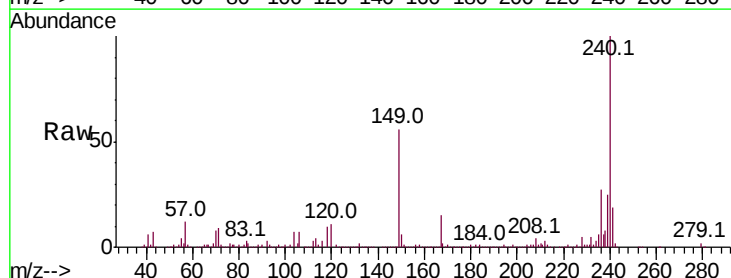
Manual Integrations  
 APPROVED

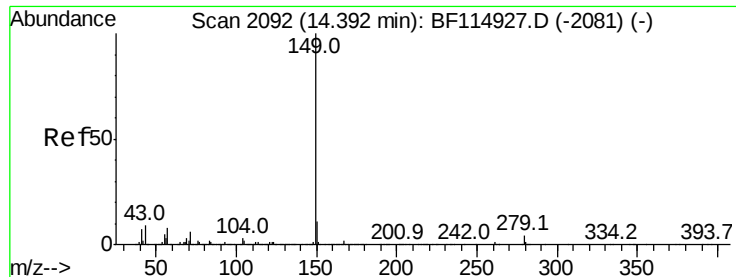
mohammad  
 6/12/2019 9:13:10 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 9.863 ng  
 RT: 13.79 min Scan# 1989  
 Delta R.T. -0.00 min  
 Lab File: BF114925.D  
 Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.0  | 21.9  | 32.9  |
| 279     | 4.1   | 3.2   | 4.8   |





#85

Di-n-octyl phthalate

Concen: 10.171 ng

RT: 14.39 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

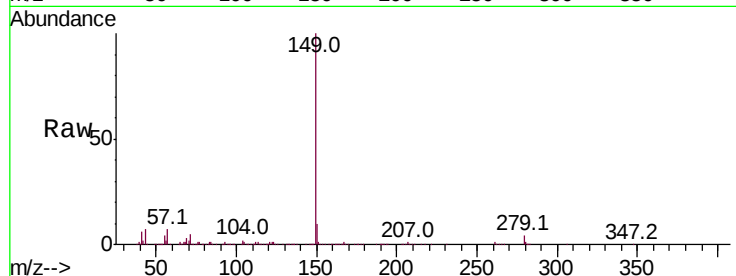
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 805182 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.4   | 2.0    |
| 43        | 7.8   | 6.8   | 10.2   |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM

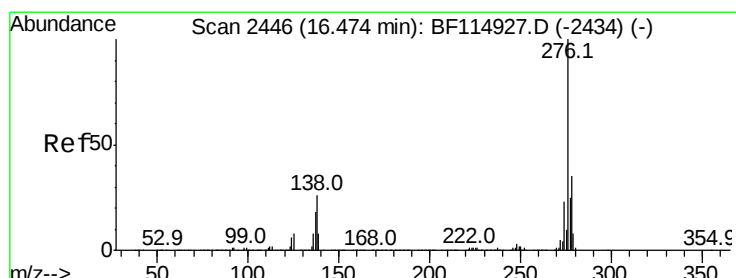
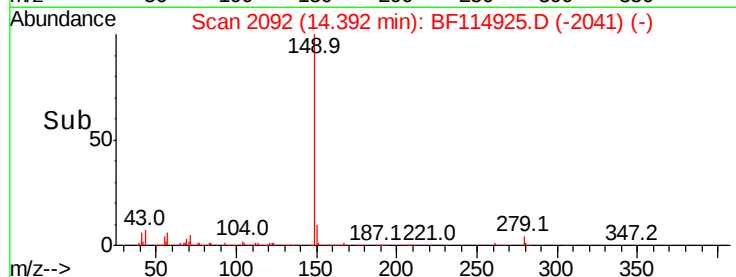
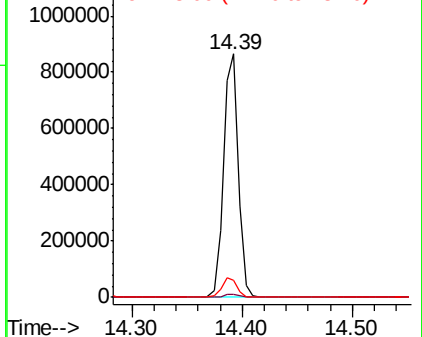


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.009 ng

RT: 16.46 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

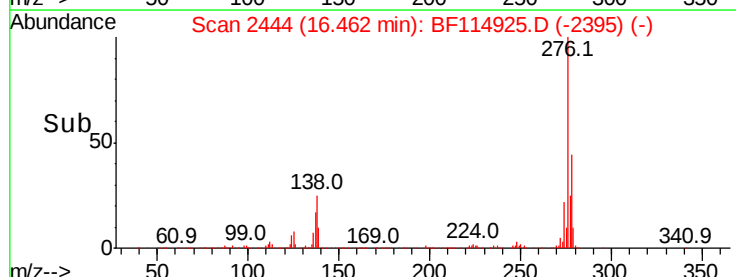
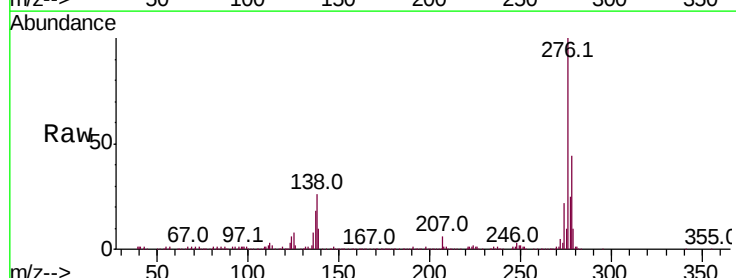
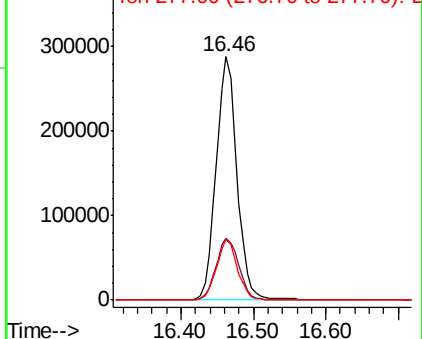
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 576157 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 27.9  | 23.3  | 34.9   |
| 277       | 25.3  | 20.5  | 30.7   |

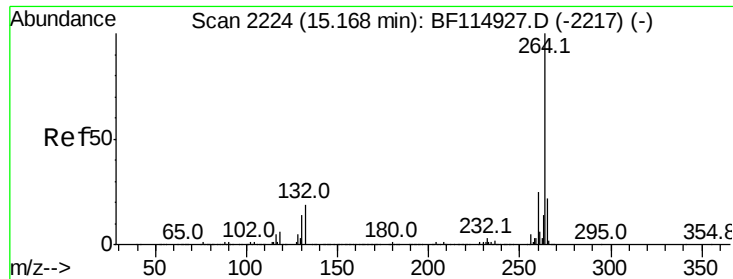
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

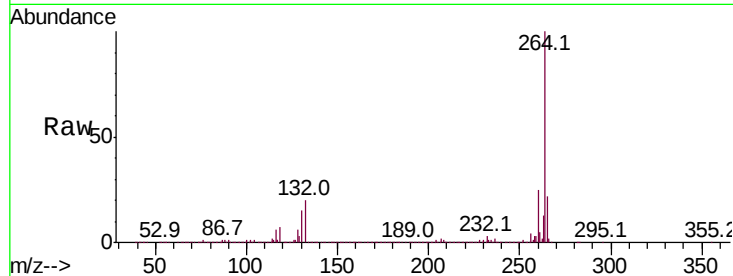
ClientSampleId :

SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 19.7  | 29.5  |
| 265     | 22.4  | 17.5  | 26.3  |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM

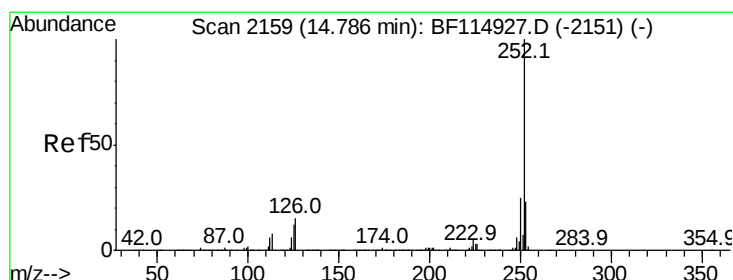
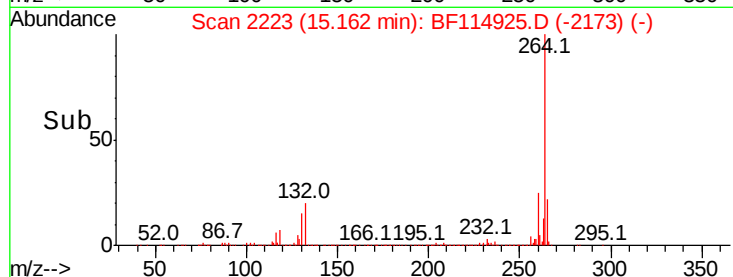
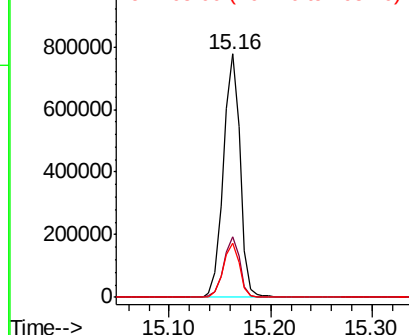


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 12.006 ng

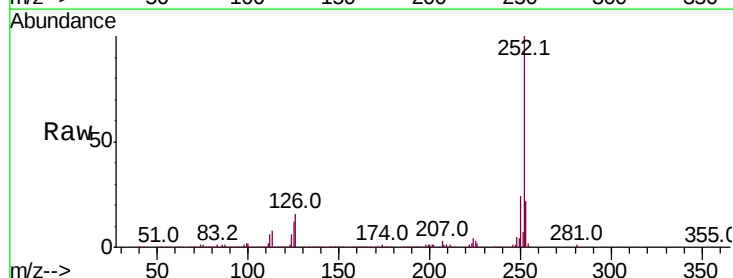
RT: 14.77 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 18.6  | 28.0  |
| 125     | 12.1  | 9.5   | 14.3  |

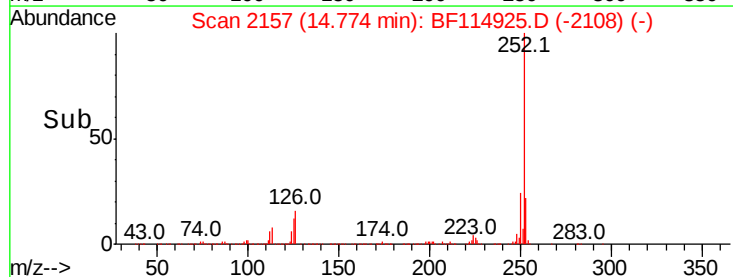
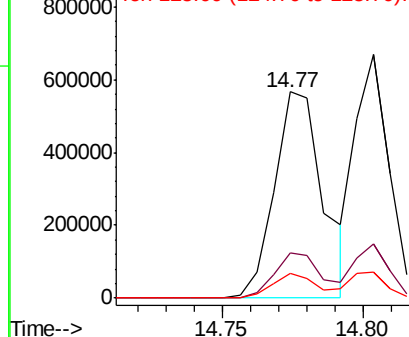


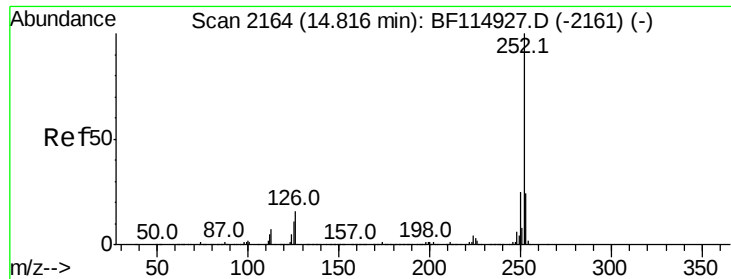
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 11.820 ng

RT: 14.80 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA\_F

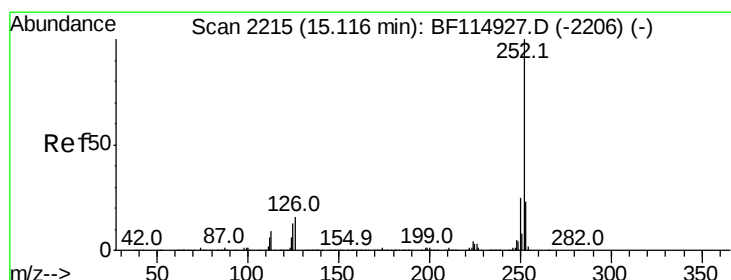
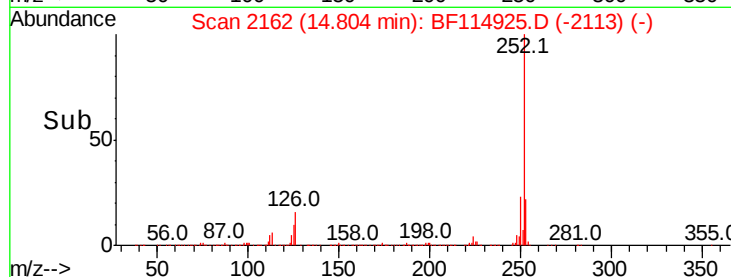
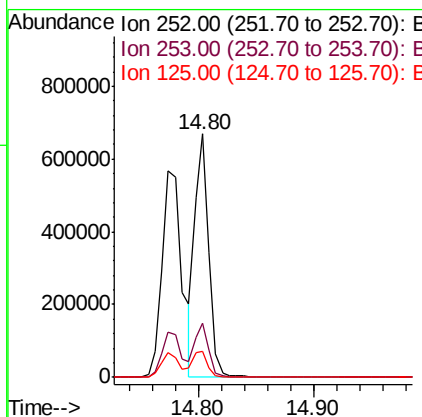
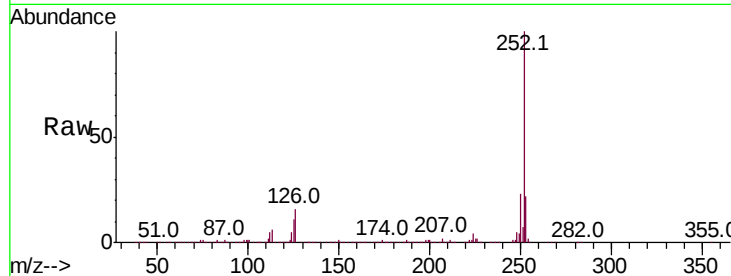
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 566762 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.5  | 18.6  | 28.0   |
| 125       | 10.5  | 9.2   | 13.8   |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM



#90

Benzo(a)pyrene

Concen: 11.733 ng

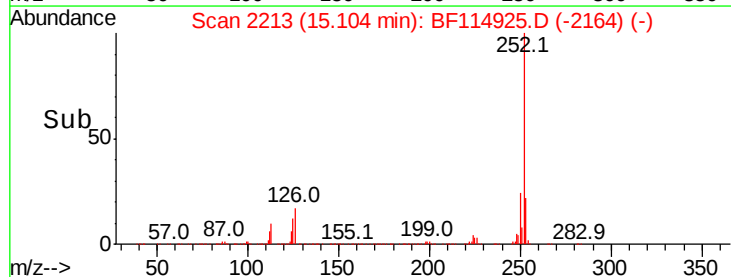
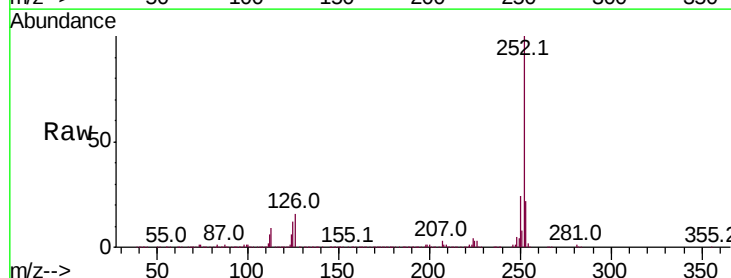
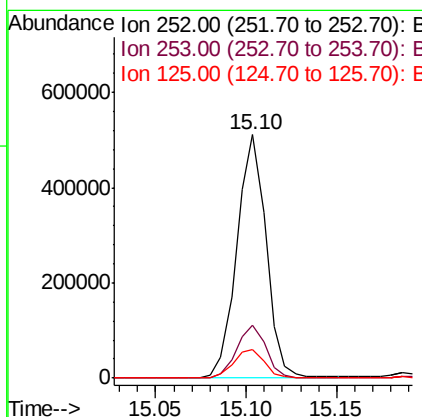
RT: 15.10 min Scan# 2213

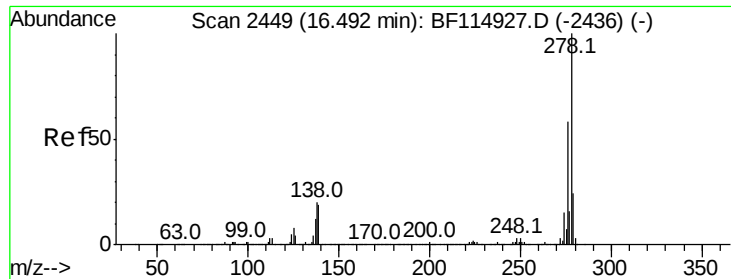
Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 573406 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 18.2  | 27.2   |
| 125       | 12.0  | 10.1  | 15.1   |





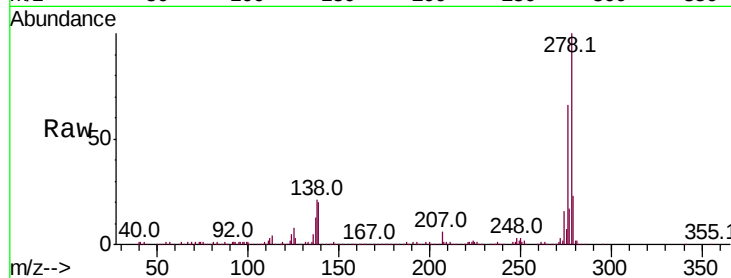
#91  
Dibenzo(a,h)anthracene  
Concen: 10.168 ng  
RT: 16.47 min Scan# 2446  
Delta R.T. -0.02 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

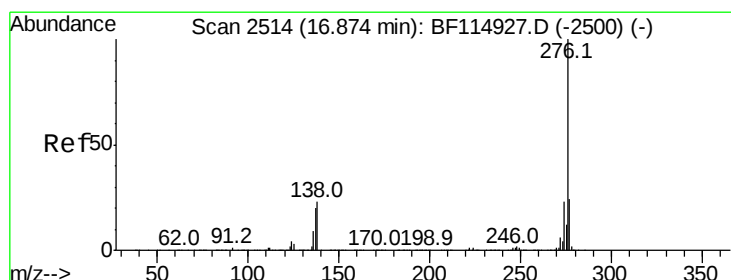
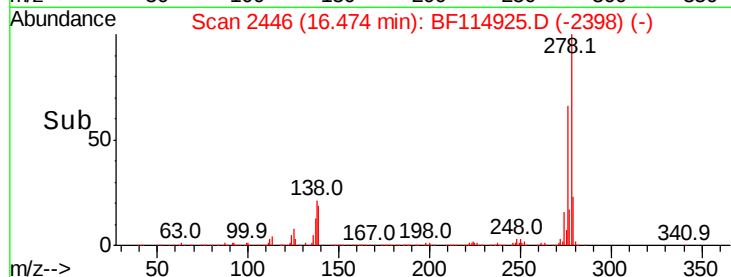
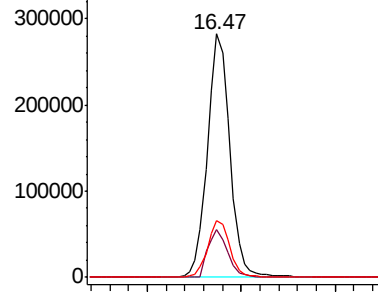
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.6  | 15.1  | 22.7  |
| 279     | 23.5  | 19.6  | 29.4  |

Manual Integrations  
APPROVED

mohammad  
6/12/2019 9:13:10 AM

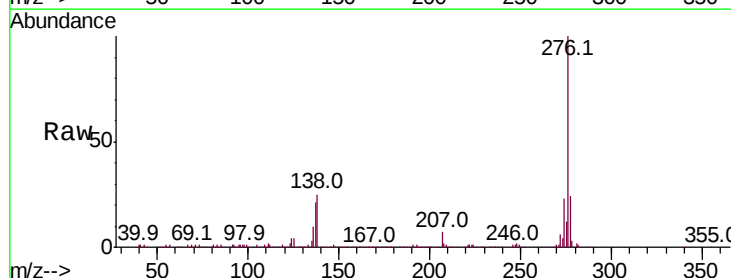


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 9.602 ng  
RT: 16.85 min Scan# 2510  
Delta R.T. -0.02 min  
Lab File: BF114925.D  
Acq: 10 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 19.0  | 28.6  |
| 138     | 24.9  | 18.7  | 28.1  |



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

