

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\  
 Data File : BF120505.D  
 Acq On : 3 Jun 2020 12:42  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 6/4/2020 12:12:06 PM

Quant Time: Jun 03 14:39:07 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 03 14:26:17 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 244932   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.12  | 136  | 962874   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.88  | 164  | 518157   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.36 | 188  | 1003253  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.01 | 240  | 766149   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.46 | 264  | 835173   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.45  | 112 | 990768  | 77.09 | ng | 0.00 |
| 7) Phenol-d6                | 6.47  | 99  | 1288730 | 81.35 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.40  | 82  | 1208031 | 82.07 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330 | 414848  | 86.41 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.20  | 172 | 2166033 | 70.93 | ng | 0.00 |
| 79) Terphenyl-d14           | 12.95 | 244 | 2445048 | 71.02 | ng | 0.00 |

|                                |      |     |         |        |    |     |
|--------------------------------|------|-----|---------|--------|----|-----|
| Target Compounds               |      |     |         | Qvalue |    |     |
| 2) 1,4-Dioxane                 | 2.57 | 88  | 236184  | 37.098 | ng | 100 |
| 3) Pyridine                    | 3.33 | 79  | 651292  | 36.937 | ng | 100 |
| 4) n-Nitrosodimethylamine      | 3.29 | 42  | 288329  | 38.641 | ng | 100 |
| 6) Aniline                     | 6.50 | 93  | 881759  | 39.920 | ng | 100 |
| 8) 2-Chlorophenol              | 6.63 | 128 | 593872  | 40.980 | ng | 100 |
| 9) Benzaldehyde                | 6.39 | 77  | 325006  | 33.662 | ng | 100 |
| 10) Phenol                     | 6.49 | 94  | 735931  | 42.482 | ng | 100 |
| 11) bis(2-Chloroethyl)ether    | 6.57 | 93  | 606358  | 41.887 | ng | 100 |
| 12) 1,3-Dichlorobenzene        | 6.78 | 146 | 652788  | 41.001 | ng | 100 |
| 13) 1,4-Dichlorobenzene        | 6.86 | 146 | 657470  | 41.390 | ng | 100 |
| 14) 1,2-Dichlorobenzene        | 7.01 | 146 | 600730  | 40.944 | ng | 100 |
| 15) Benzyl Alcohol             | 6.98 | 79  | 500235  | 41.890 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45  | 904545  | 39.636 | ng | 100 |
| 17) 2-Methylphenol             | 7.10 | 107 | 542126  | 41.835 | ng | 100 |
| 18) Hexachloroethane           | 7.35 | 117 | 244779  | 42.097 | ng | 100 |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70  | 400447  | 39.767 | ng | 100 |
| 20) 3+4-Methylphenols          | 7.25 | 107 | 581759  | 35.536 | ng | 100 |
| 22) Acetophenone               | 7.25 | 105 | 752905  | 38.501 | ng | 100 |
| 24) Nitrobenzene               | 7.42 | 77  | 638618  | 40.275 | ng | 100 |
| 25) Isophorone                 | 7.66 | 82  | 1200087 | 40.564 | ng | 100 |
| 26) 2-Nitrophenol              | 7.74 | 139 | 336018  | 47.001 | ng | 100 |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 503746  | 40.574 | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 7.87 | 93  | 727713  | 40.845 | ng | 100 |
| 29) 2,4-Dichlorophenol         | 7.98 | 162 | 520737  | 41.525 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene     | 8.06 | 180 | 575293  | 40.880 | ng | 100 |
| 31) Naphthalene                | 8.15 | 128 | 1694726 | 40.076 | ng | 100 |
| 32) Benzoic acid               | 7.92 | 122 | 385770  | 41.871 | ng | 100 |
| 33) 4-Chloroaniline            | 8.19 | 127 | 794320  | 42.383 | ng | 100 |
| 34) Hexachlorobutadiene        | 8.26 | 225 | 342055  | 41.006 | ng | 100 |
| 35) Caprolactam                | 8.58 | 113 | 172111  | 42.379 | ng | 100 |
| 36) 4-Chloro-3-methylphenol    | 8.68 | 107 | 527096  | 41.429 | ng | 100 |
| 37) 2-Methylnaphthalene        | 8.83 | 142 | 1151665 | 41.116 | ng | 100 |
| 38) 1-Methylnaphthalene        | 8.93 | 142 | 1081527 | 40.907 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 545638  | 41.063 | ng | 100 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\  
 Data File : BF120505.D  
 Acq On : 3 Jun 2020 12:42  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 6/4/2020 12:12:06 PM

Quant Time: Jun 03 14:39:07 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 03 14:26:17 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.99  | 237  | 346912   | 46.778 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.12  | 196  | 397021   | 41.313 | nq    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.16  | 196  | 451116   | 41.411 | nq    | 100      |
| 46) 1,1'-Biphenyl              | 9.30  | 154  | 1357198  | 39.872 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 9.33  | 162  | 1110794  | 39.630 | nq    | 100      |
| 48) 2-Nitroaniline             | 9.42  | 65   | 353380   | 41.393 | nq    | 100      |
| 49) Acenaphthylene             | 9.74  | 152  | 1739088  | 40.151 | nq    | 100      |
| 50) Dimethylphthalate          | 9.60  | 163  | 1338006  | 41.304 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.66  | 165  | 303730   | 42.191 | nq    | 100      |
| 52) Acenaphthene               | 9.92  | 154  | 1102186m | 40.773 | nq    |          |
| 53) 3-Nitroaniline             | 9.83  | 138  | 355638   | 42.069 | nq    | 100      |
| 54) 2,4-Dinitrophenol          | 9.94  | 184  | 157786   | 56.857 | nq    | 100      |
| 55) Dibenzofuran               | 10.09 | 168  | 1553783  | 39.553 | nq    | 100      |
| 56) 4-Nitrophenol              | 9.99  | 139  | 270082   | 41.731 | nq    | 100      |
| 57) 2,4-Dinitrotoluene         | 10.07 | 165  | 394987   | 42.871 | nq    | 100      |
| 58) Fluorene                   | 10.43 | 166  | 1139905  | 38.668 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.20 | 232  | 351203   | 41.373 | nq    | 100      |
| 60) Diethylphthalate           | 10.30 | 149  | 1339609  | 40.923 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.42 | 204  | 595080   | 37.233 | nq    | 100      |
| 62) 4-Nitroaniline             | 10.45 | 138  | 351440   | 44.036 | nq    | 100      |
| 63) Azobenzene                 | 10.58 | 77   | 1206803  | 39.193 | nq    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 10.48 | 198  | 219736   | 60.048 | nq    | 100      |
| 66) n-Nitrosodiphenylamine     | 10.54 | 169  | 1110950  | 39.864 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.91 | 248  | 410368   | 40.522 | nq    | 100      |
| 68) Hexachlorobenzene          | 10.97 | 284  | 442976   | 41.074 | nq    | 100      |
| 69) Atrazine                   | 11.06 | 200  | 321010   | 40.867 | nq    | 100      |
| 70) Pentachlorophenol          | 11.17 | 266  | 252025   | 38.221 | nq    | 100      |
| 71) Phenanthrene               | 11.39 | 178  | 1722076  | 38.955 | nq    | 100      |
| 72) Anthracene                 | 11.44 | 178  | 1754603  | 39.559 | nq    | 100      |
| 73) Carbazole                  | 11.60 | 167  | 1730141  | 40.329 | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.92 | 149  | 2023436  | 40.546 | nq    | 100      |
| 75) Fluoranthene               | 12.58 | 202  | 1924705  | 40.463 | nq    | 100      |
| 77) Benzidine                  | 12.69 | 184  | 739812   | 36.751 | nq    | 100      |
| 78) Pyrene                     | 12.81 | 202  | 1967627  | 36.929 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.42 | 149  | 889829   | 40.004 | nq    | 100      |
| 81) Benzo(a)anthracene         | 14.00 | 228  | 1676661  | 40.833 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.96 | 252  | 630253   | 42.278 | nq    | 100      |
| 83) Chrysene                   | 14.04 | 228  | 1654203  | 38.427 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.98 | 149  | 1141846  | 43.730 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.60 | 149  | 2025292  | 44.826 | nq    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 16.92 | 276  | 1785431  | 39.086 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 15.04 | 252  | 1839925  | 39.664 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 15.07 | 252  | 1537876  | 35.512 | nq    | 100      |
| 90) Benzo(a)pyrene             | 15.40 | 252  | 1601558  | 39.471 | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.94 | 278  | 1446731  | 38.847 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.36 | 276  | 1424430  | 38.780 | nq    | 100      |

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

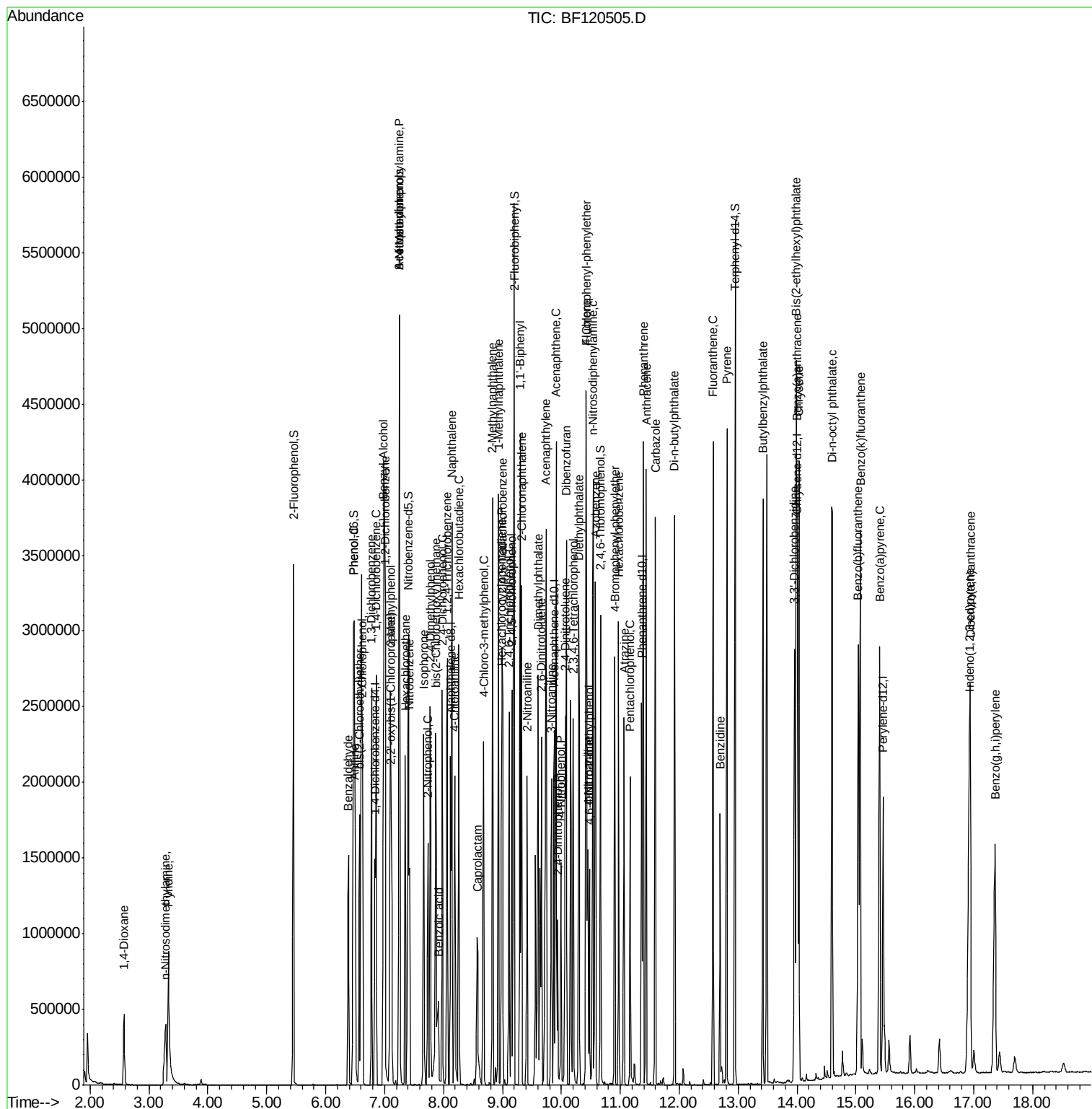
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\  
Data File : BF120505.D  
Acq On : 3 Jun 2020 12:42  
Operator : JU/CG  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

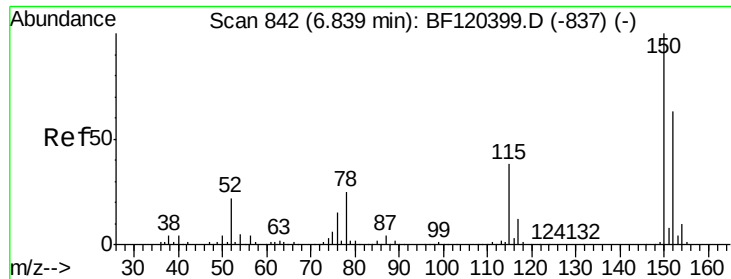
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM

Quant Time: Jun 03 14:39:07 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 03 14:26:17 2020  
Response via : Initial Calibration





#1

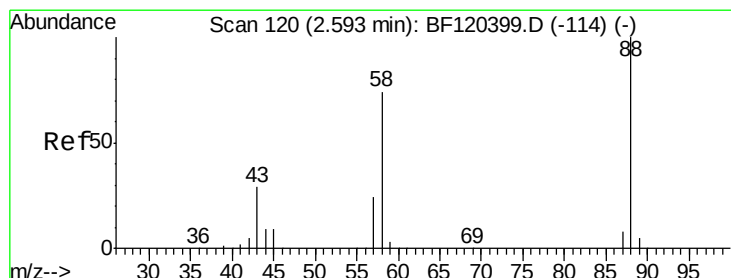
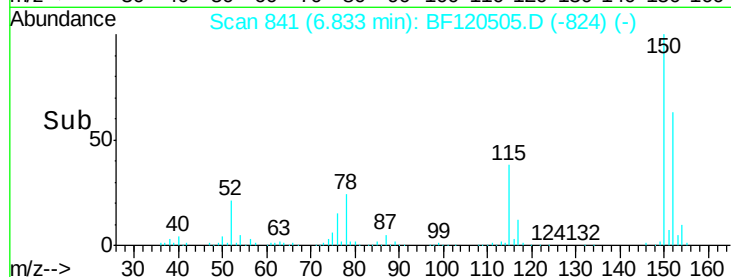
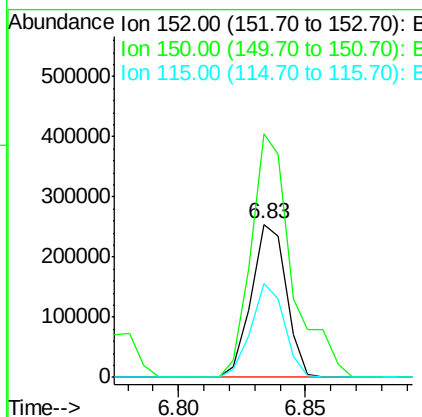
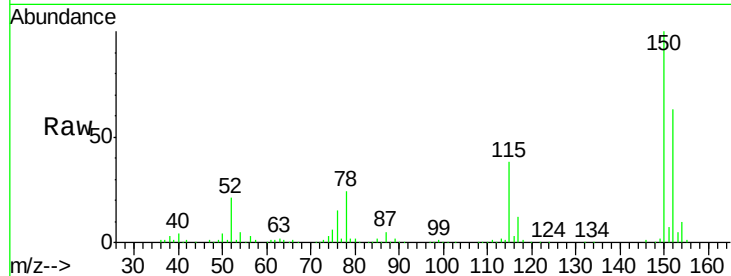
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 841  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.9 | 127.1 | 190.7 |
| 115     | 60.9  | 48.7  | 73.1  |

Manual Integrations  
APPROVED

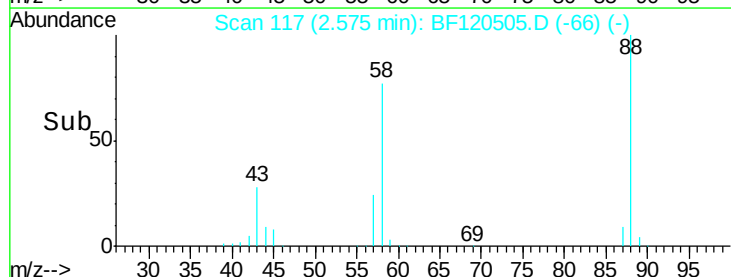
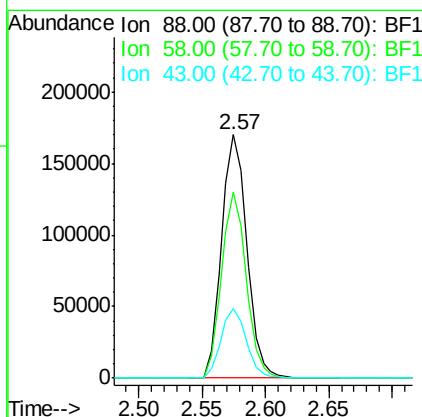
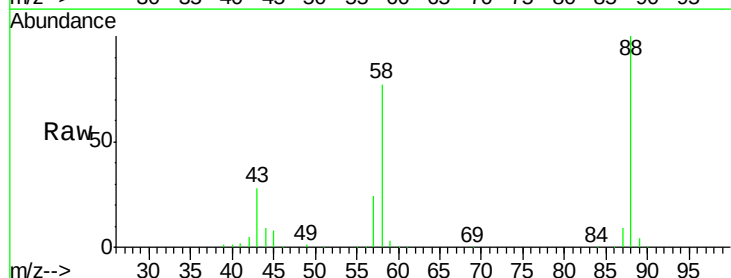
mohammad  
6/4/2020 12:12:06 PM

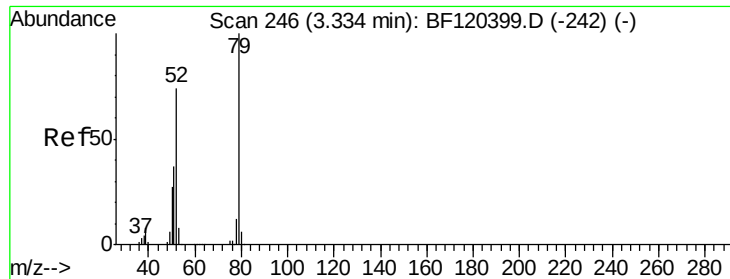


#2

1,4-Dioxane  
Concen: 37.098 ng  
RT: 2.57 min Scan# 117  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 74.6  | 59.7  | 89.5  |
| 43      | 28.8  | 23.0  | 34.6  |





#3

Pvridine

Concen: 36.937 ng

RT: 3.33 min Scan# 245

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

Instrument :

BNA\_F

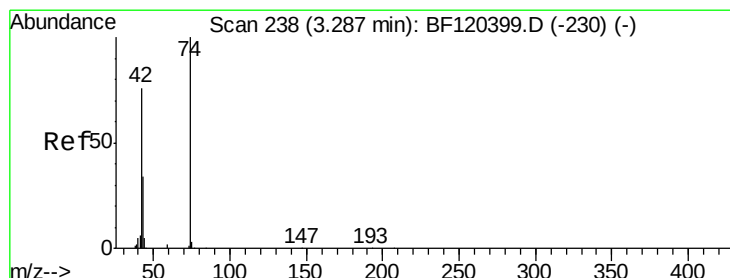
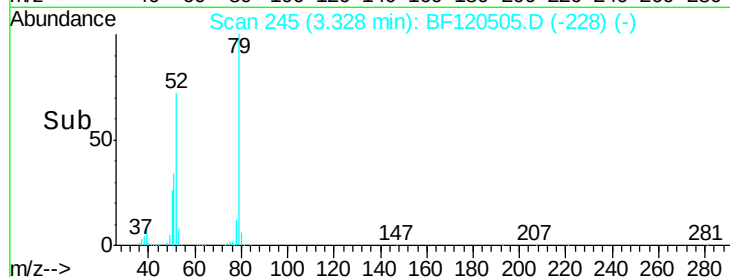
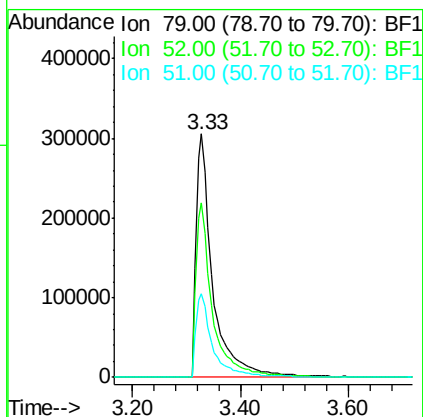
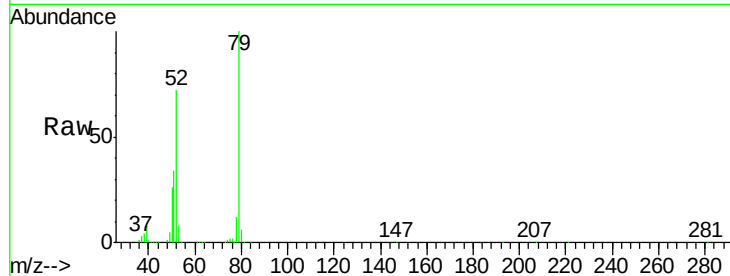
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 651292 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 71.7  | 57.4  | 86.0   |
| 51       | 34.4  | 27.5  | 41.3   |

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM



#4

n-Nitrosodimethylamine

Concen: 38.641 ng

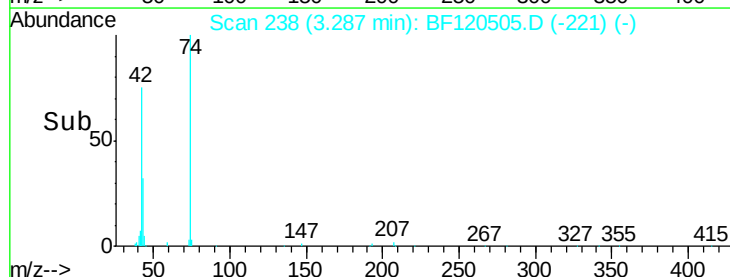
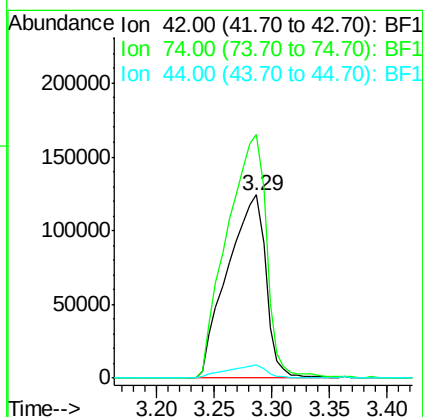
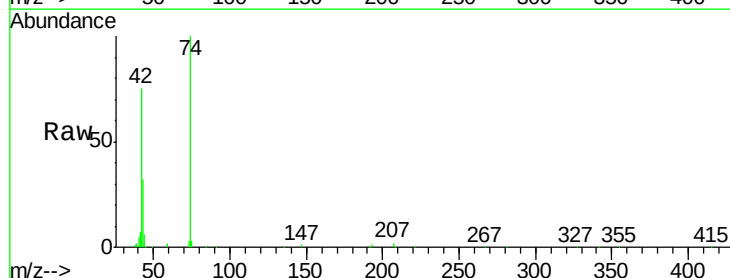
RT: 3.29 min Scan# 238

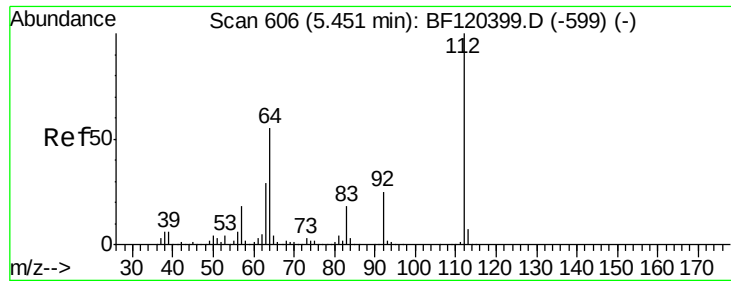
Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 288329 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 132.9 | 106.3 | 159.5  |
| 44       | 7.4   | 5.9   | 8.9    |





#5

2-Fluorophenol

Concen: 77.089 ng

RT: 5.45 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

Instrument :

BNA\_F

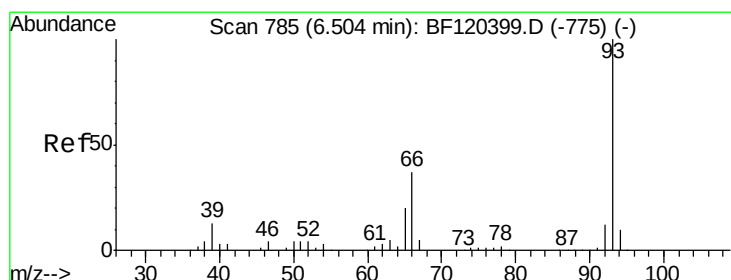
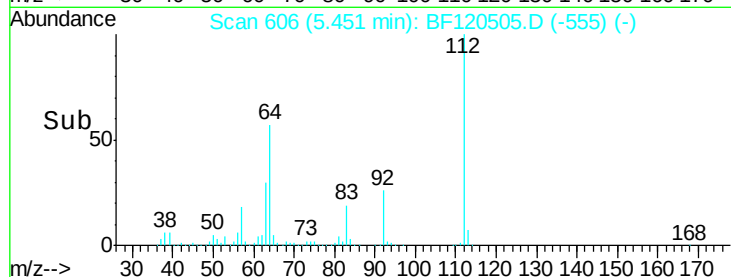
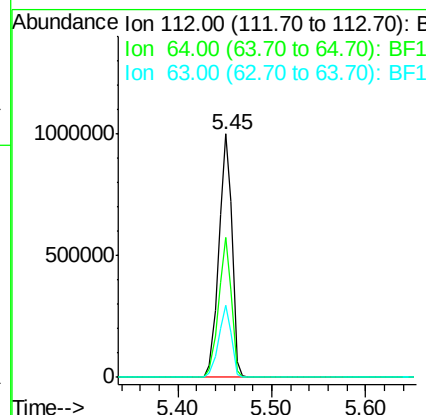
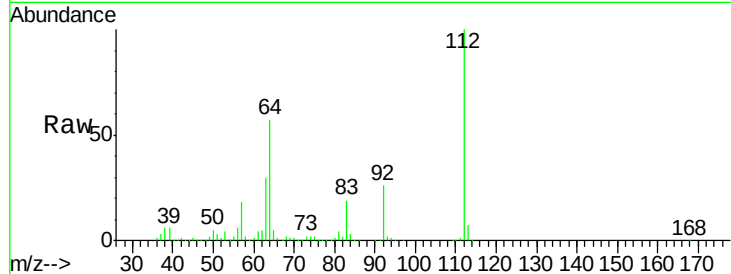
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 990768 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 57.3  | 45.8  | 68.8   |
| 63        | 29.6  | 23.7  | 35.5   |

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM



#6

Aniline

Concen: 39.920 ng

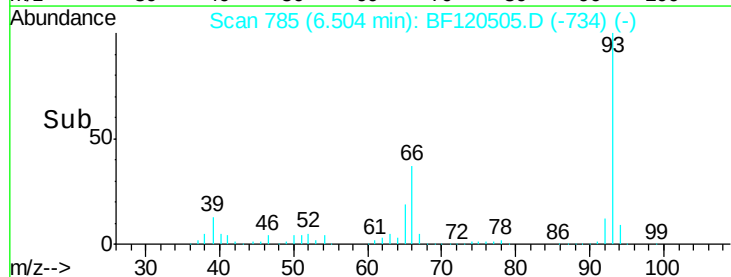
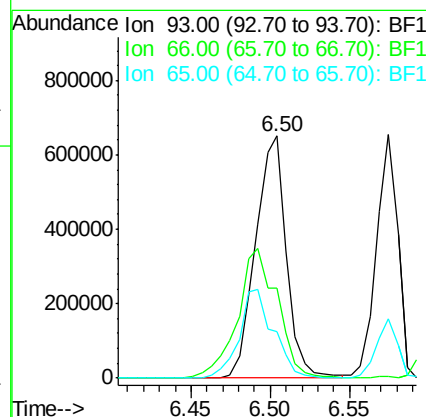
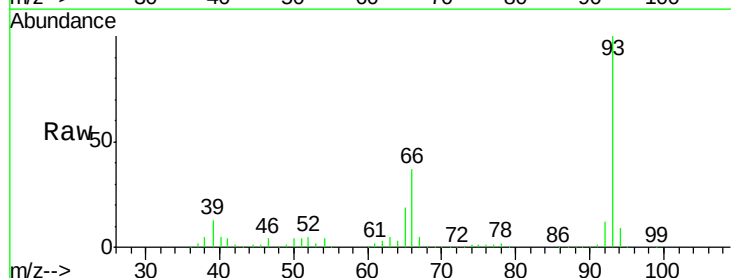
RT: 6.50 min Scan# 785

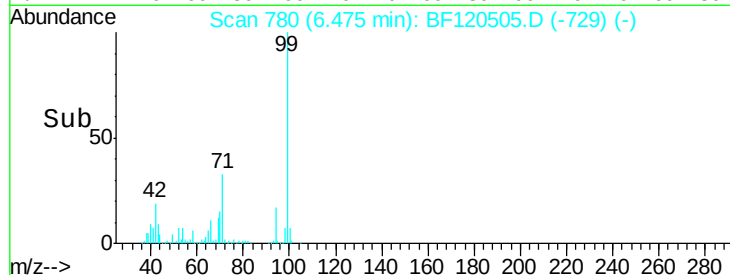
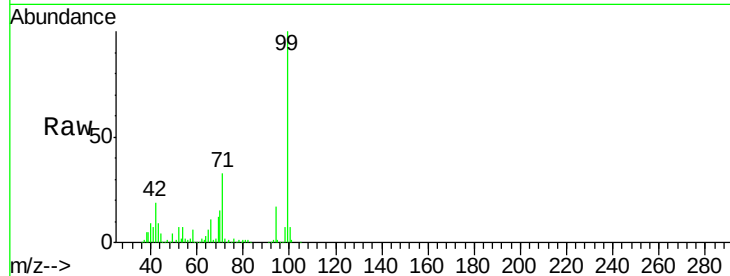
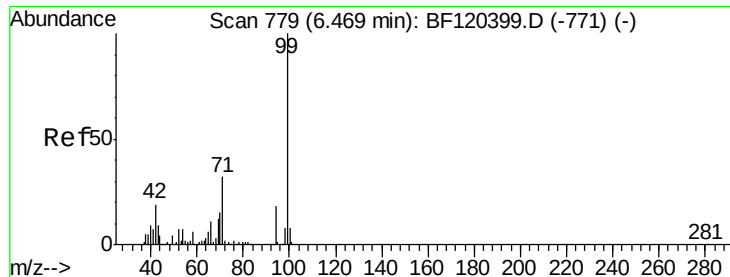
Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 881759 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 37.4  | 29.9  | 44.9   |
| 65        | 19.4  | 15.5  | 23.3   |





#7

Phenol-d6

Concen: 81.352 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1288730 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 18.7  | 15.0  | 22.4    |
| 71       | 32.9  | 26.3  | 39.5    |

Instrument :

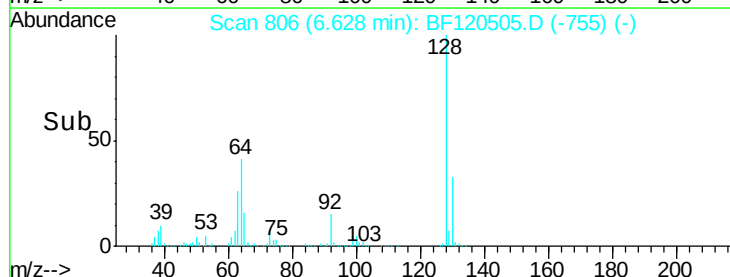
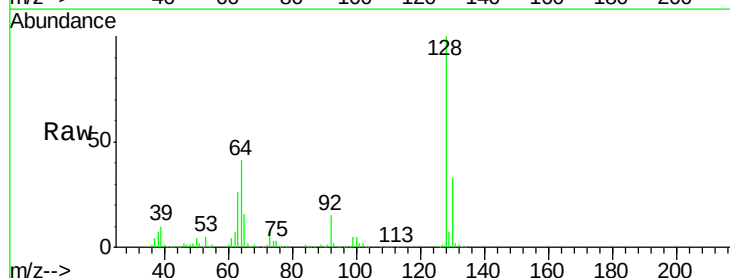
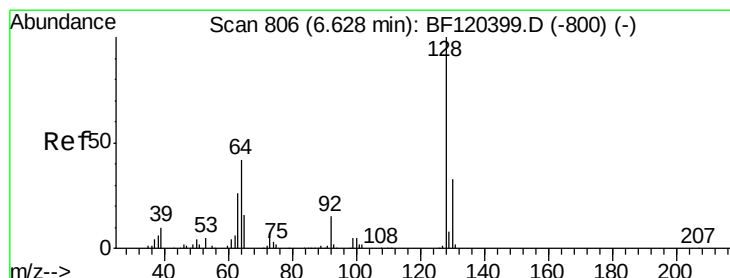
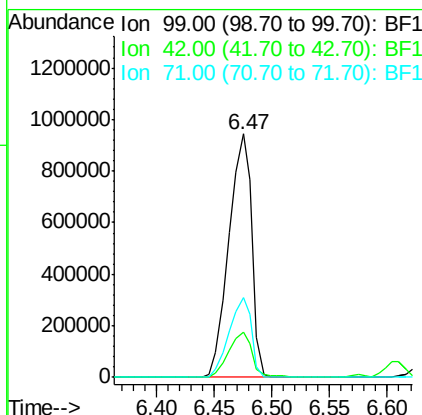
BNA\_F

ClientSampleId :

SSTDCCC040

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM



#8

2-Chlorophenol

Concen: 40.980 ng

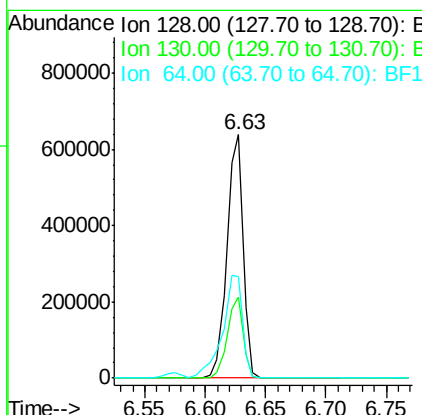
RT: 6.63 min Scan# 806

Delta R.T. 0.00 min

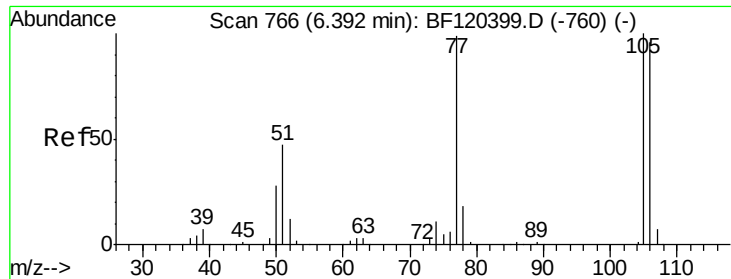
Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 593872 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 33.4  | 13.4  | 53.4   |
| 64       | 41.5  | 21.5  | 61.5   |







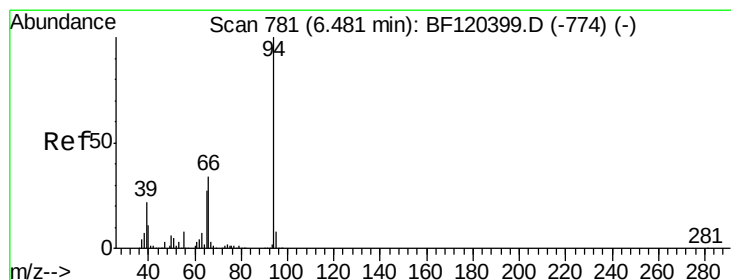
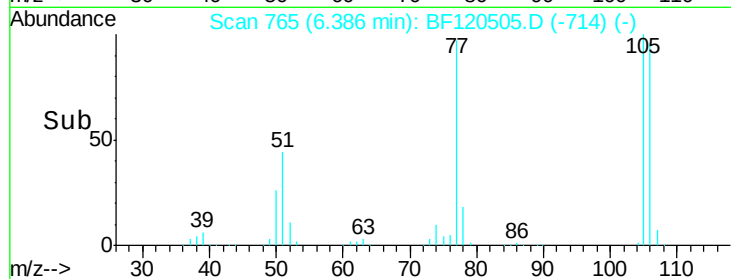
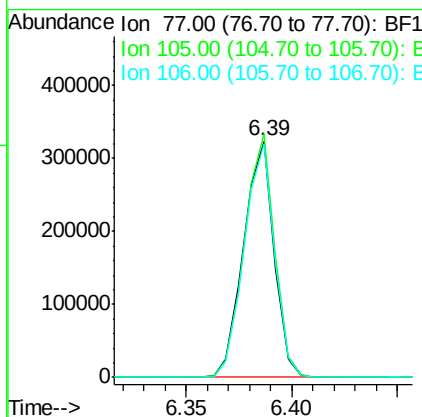
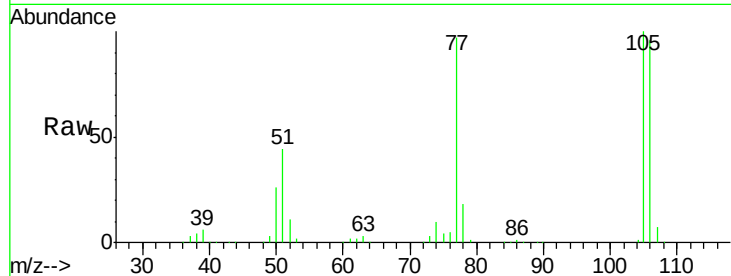
#9  
Benzaldehyde  
Concen: 33.662 ng  
RT: 6.39 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 103.2 | 83.2  | 123.2 |
| 106     | 98.9  | 78.9  | 118.9 |

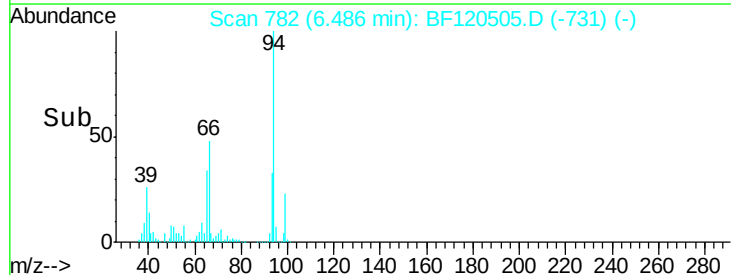
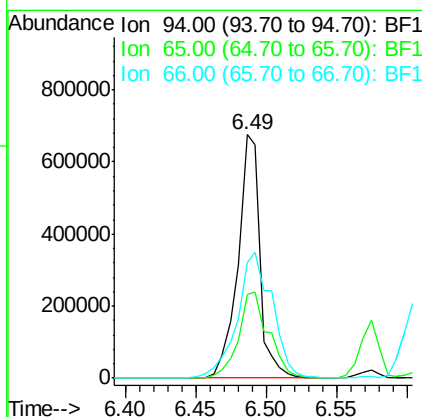
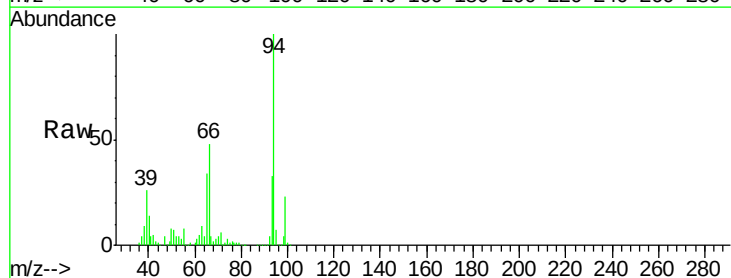
Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM

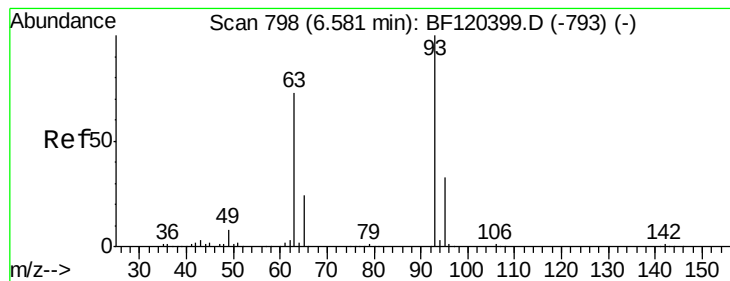


#10  
Phenol  
Concen: 42.482 ng  
RT: 6.49 min Scan# 782  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 34.2  | 14.2  | 54.2  |
| 66      | 47.5  | 27.5  | 67.5  |







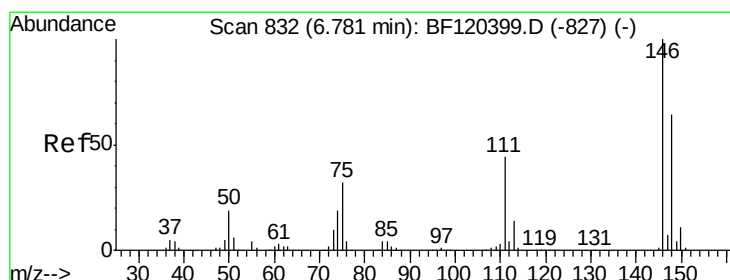
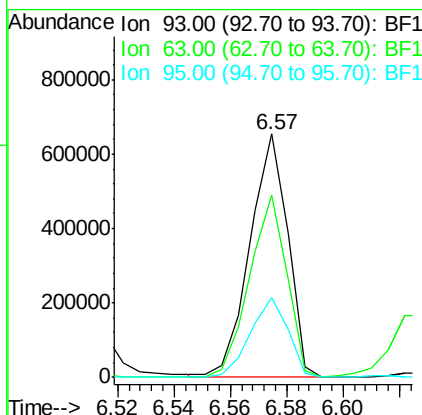
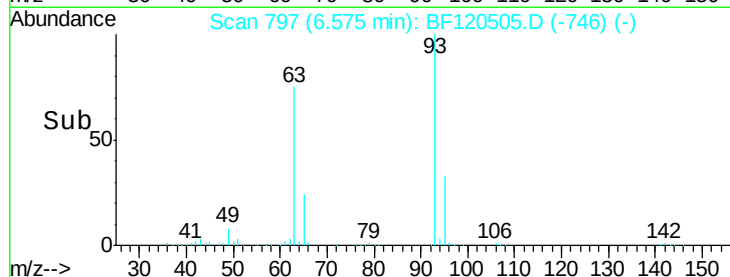
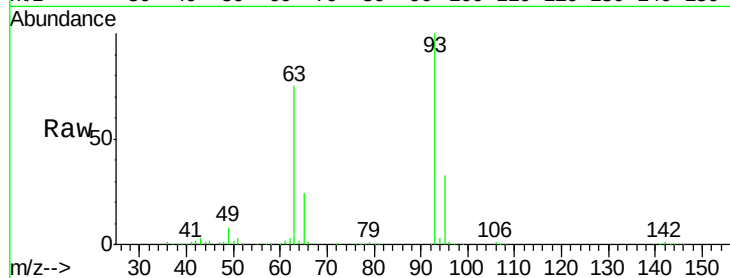
#11  
bis(2-Chloroethyl)ether  
Concen: 41.887 ng  
RT: 6.57 min Scan# 797  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 74.8  | 54.8  | 94.8  |
| 95      | 32.7  | 12.7  | 52.7  |

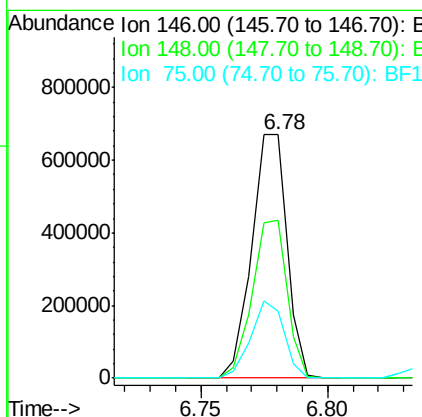
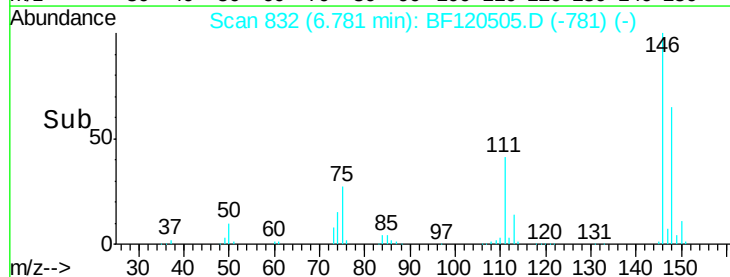
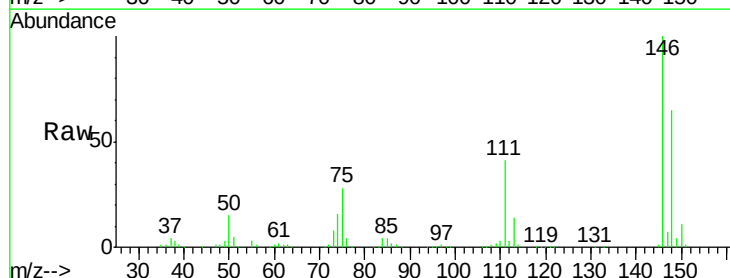
Manual Integrations  
APPROVED

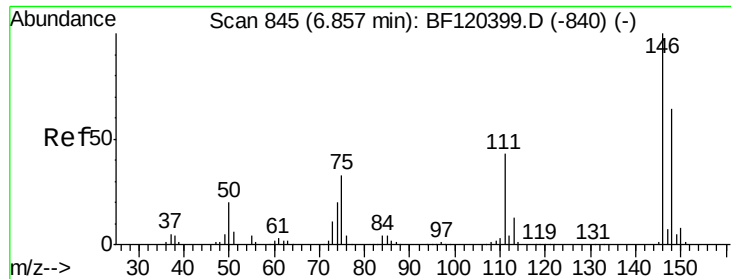
mohammad  
6/4/2020 12:12:06 PM



#12  
1,3-Dichlorobenzene  
Concen: 41.001 ng  
RT: 6.78 min Scan# 832  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 51.9  | 77.9  |
| 75      | 27.7  | 22.2  | 33.2  |





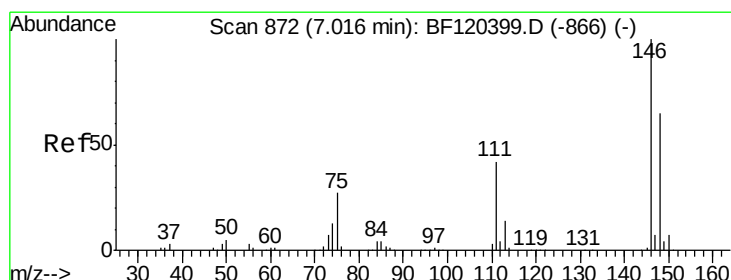
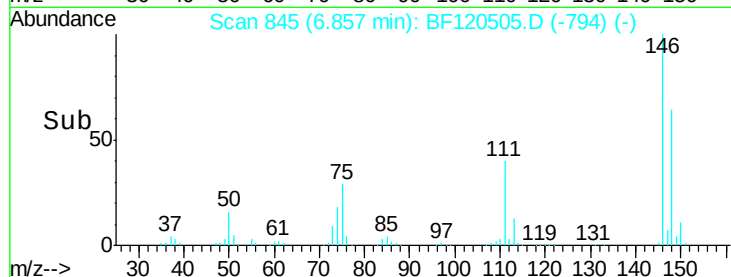
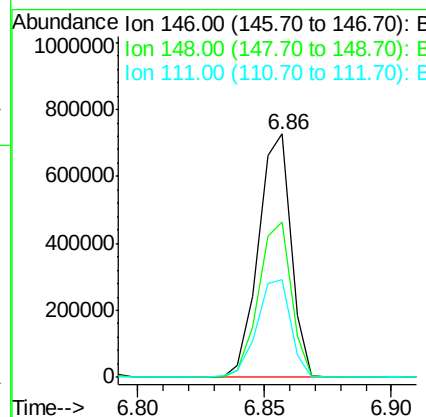
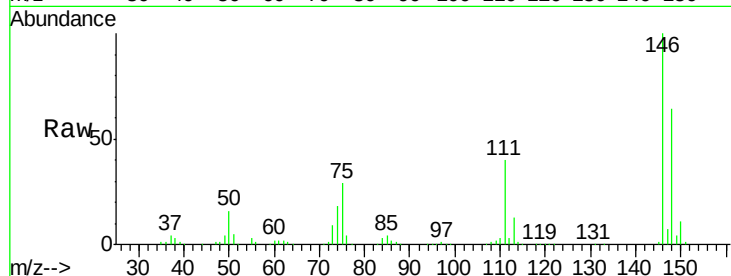
#13  
 1,4-Dichlorobenzene  
 Concen: 41.390 ng  
 RT: 6.86 min Scan# 845  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 51.1  | 76.7  |
| 111     | 40.2  | 32.2  | 48.2  |

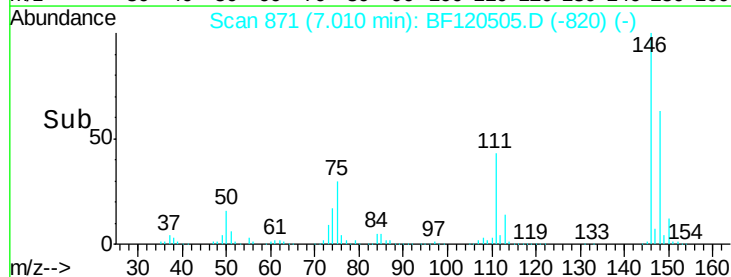
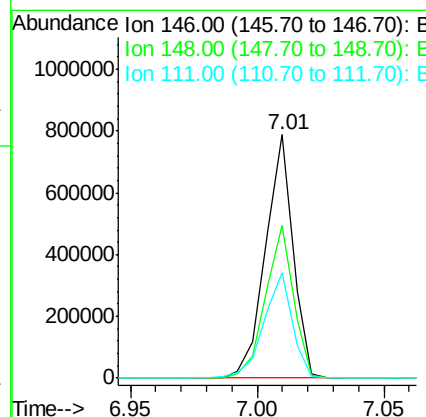
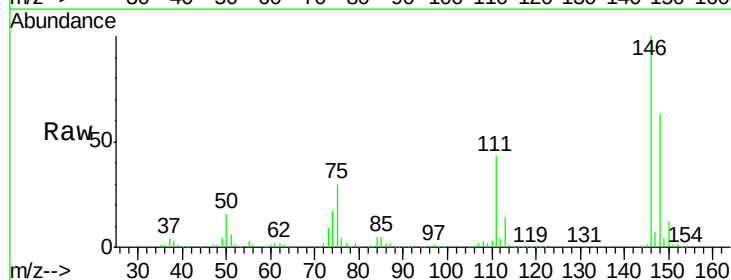
Manual Integrations  
 APPROVED

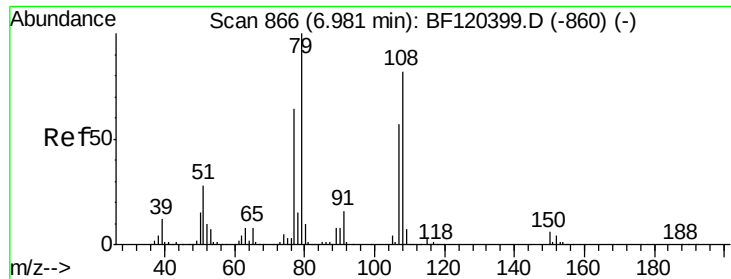
mohammad  
 6/4/2020 12:12:06 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 40.944 ng  
 RT: 7.01 min Scan# 871  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 50.4  | 75.6  |
| 111     | 43.3  | 34.6  | 52.0  |





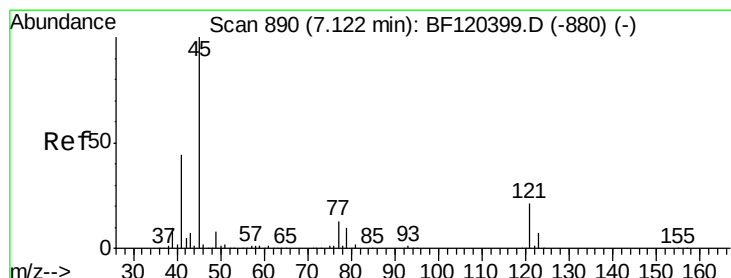
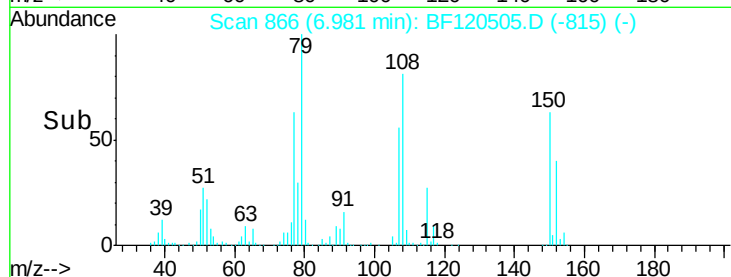
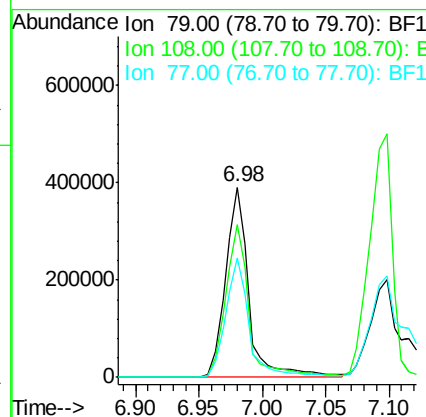
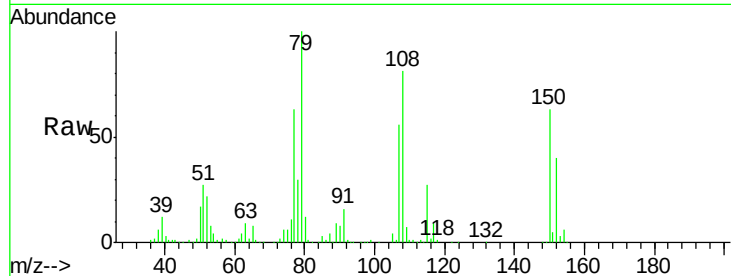
#15  
Benzyl Alcohol  
Concen: 41.890 ng  
RT: 6.98 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 80.7  | 64.6  | 96.8  |
| 77      | 62.7  | 50.2  | 75.2  |

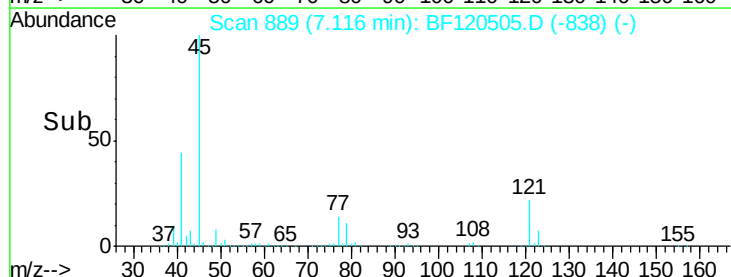
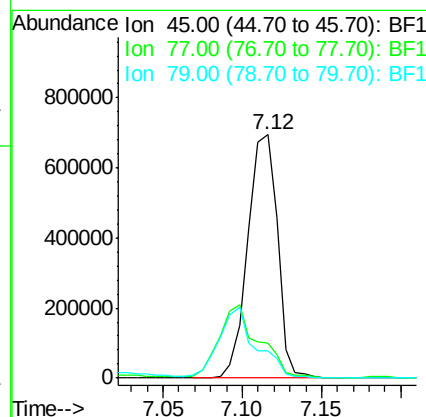
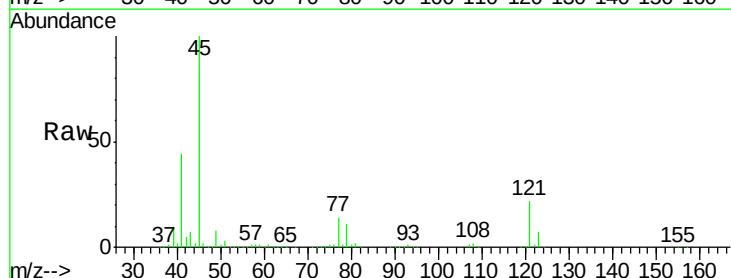
Manual Integrations  
APPROVED

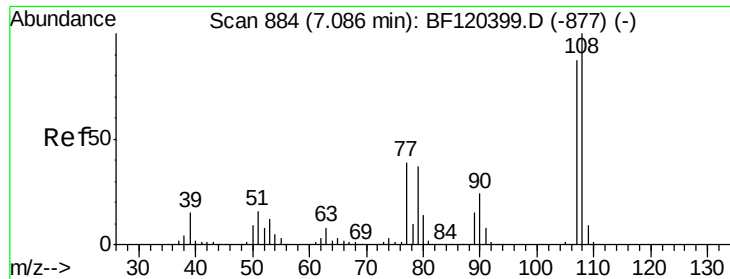
mohammad  
6/4/2020 12:12:06 PM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.636 ng  
RT: 7.12 min Scan# 889  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.3  | 0.0   | 34.3  |
| 79      | 11.4  | 0.0   | 31.4  |





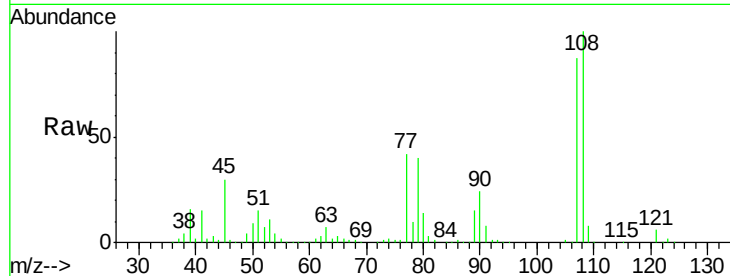
#17  
2-Methylphenol  
Concen: 41.835 ng  
RT: 7.10 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

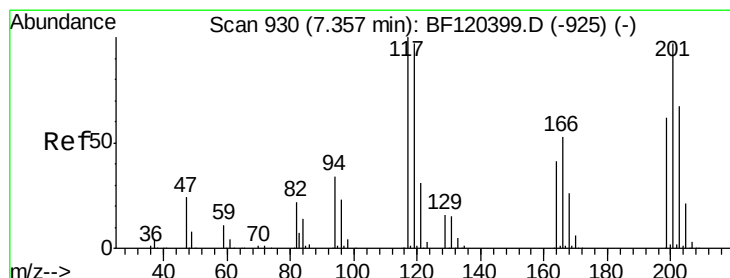
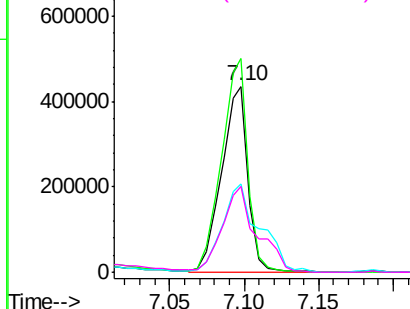
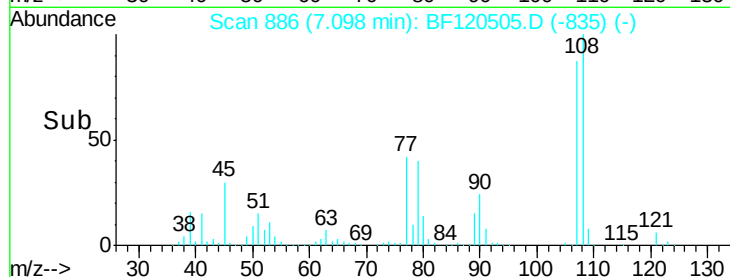
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 114.9 | 91.9 | 137.9 |       |
| 77      | 47.7  | 38.2 | 57.2  |       |
| 79      | 46.0  | 36.8 | 55.2  |       |

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM

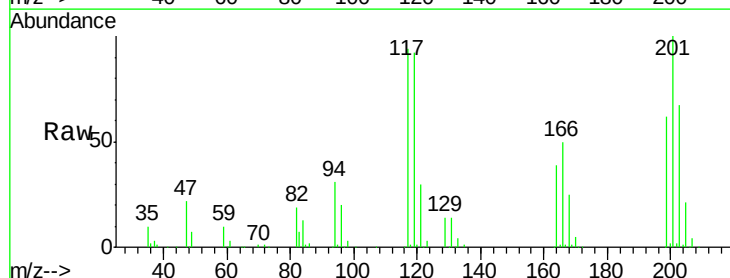


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

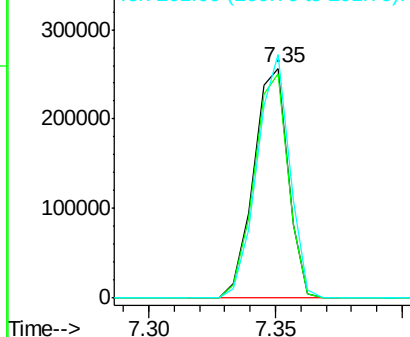
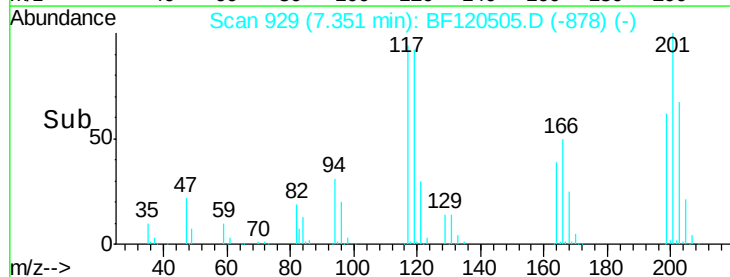


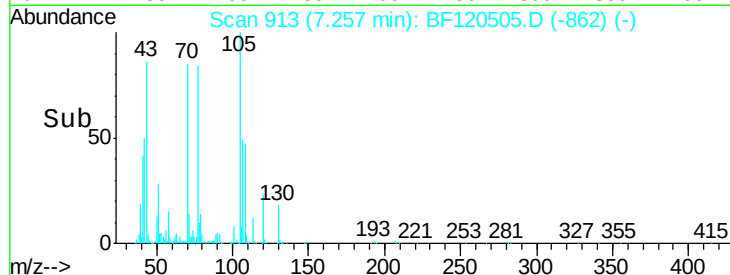
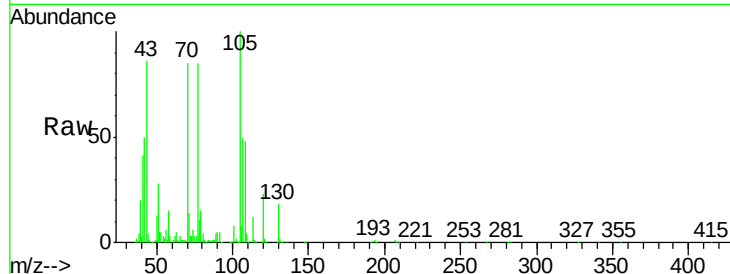
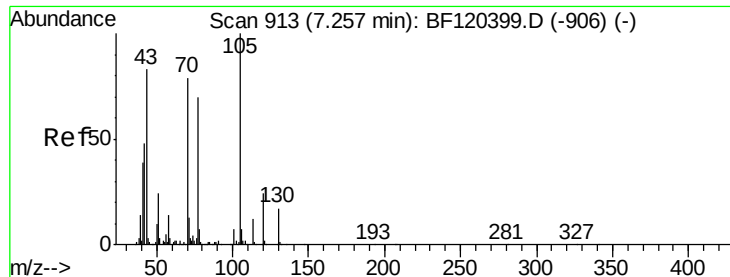
#18  
Hexachloroethane  
Concen: 42.097 ng  
RT: 7.35 min Scan# 929  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 97.5  | 78.0 | 117.0 |       |
| 201     | 106.0 | 84.8 | 127.2 |       |



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





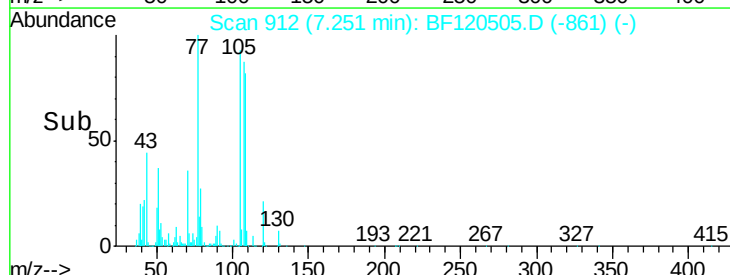
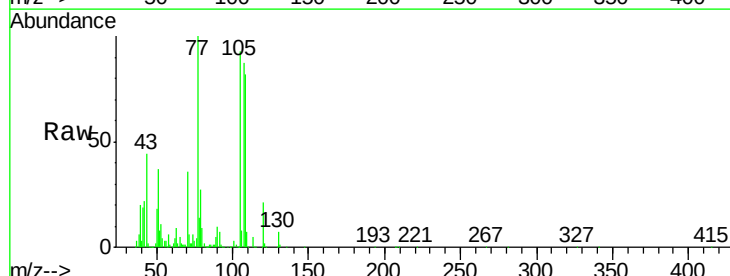
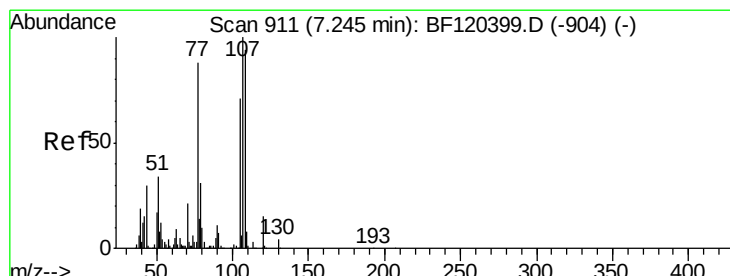
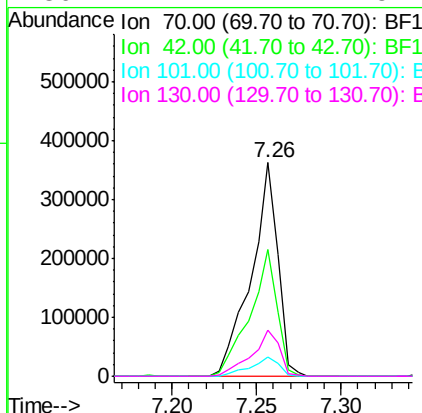
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.767 ng  
RT: 7.26 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 59.5  | 47.6  | 71.4  |
| 101     | 9.2   | 7.4   | 11.0  |
| 130     | 21.4  | 17.1  | 25.7  |

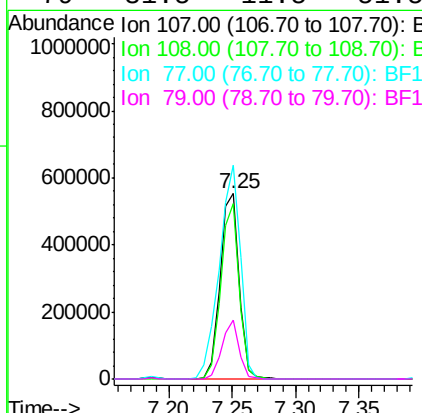
Manual Integrations  
APPROVED

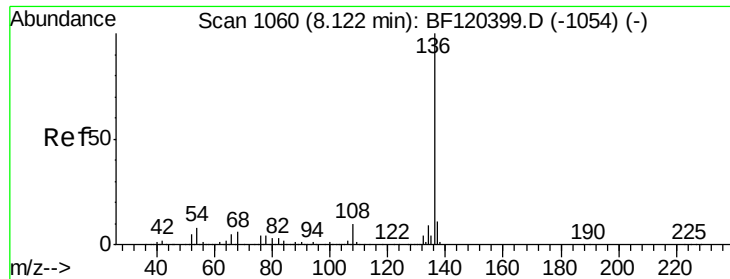
mohammad  
6/4/2020 12:12:06 PM



#20  
3+4-Methylphenols  
Concen: 35.536 ng  
RT: 7.25 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 94.8  | 74.8  | 114.8 |
| 77      | 115.2 | 95.2  | 135.2 |
| 79      | 31.5  | 11.5  | 51.5  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

Instrument :

BNA\_F

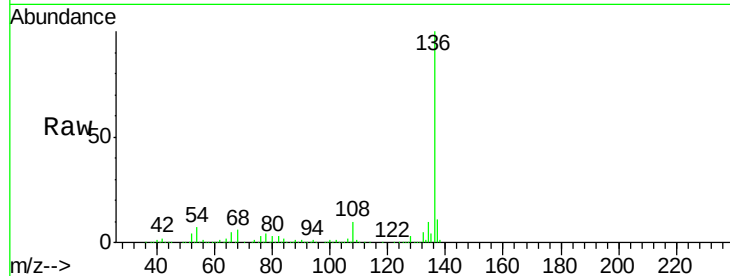
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.2  | 9.0   | 13.4  |
| 54      | 7.5   | 6.0   | 9.0   |
| 68      | 6.0   | 4.8   | 7.2   |

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM



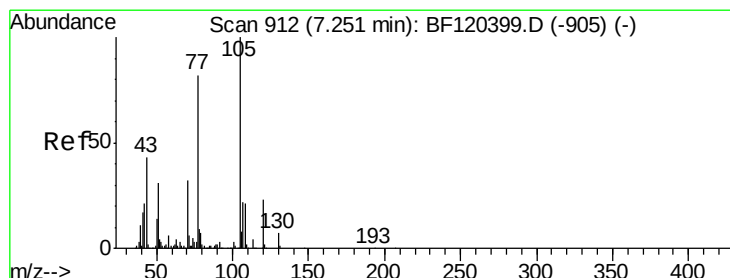
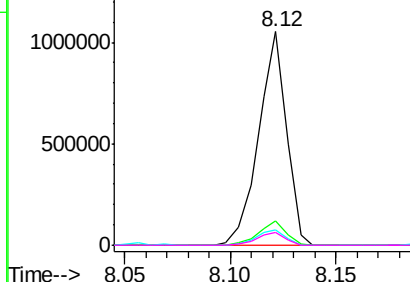
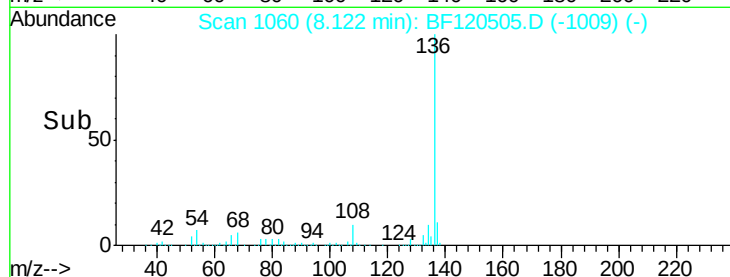
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.501 ng

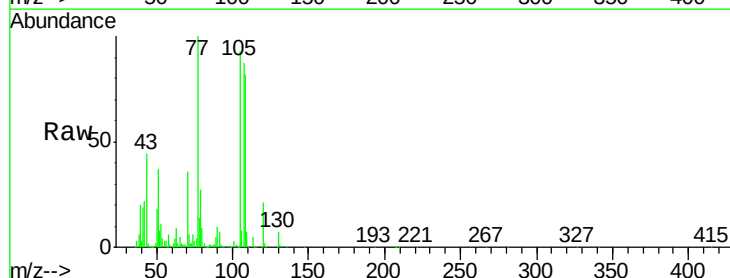
RT: 7.25 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 6.6   | 5.3   | 7.9   |
| 51      | 39.2  | 31.4  | 47.0  |
| 120     | 22.1  | 17.7  | 26.5  |



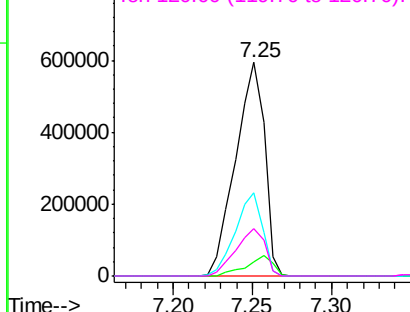
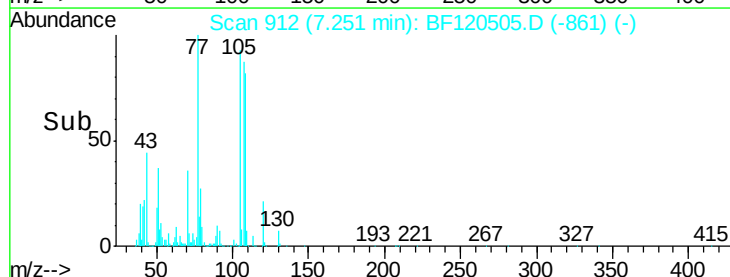
Abundance

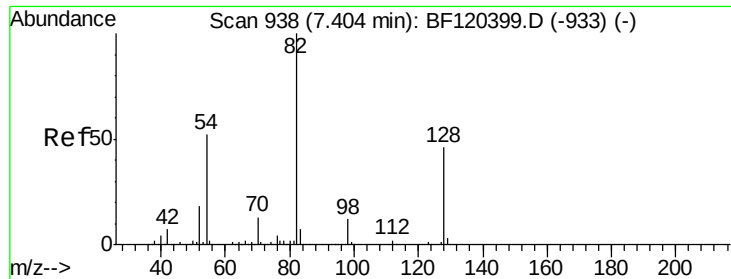
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





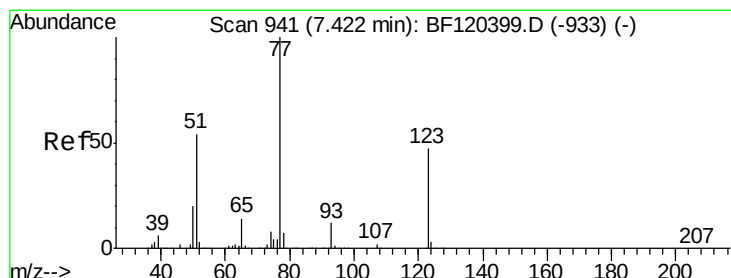
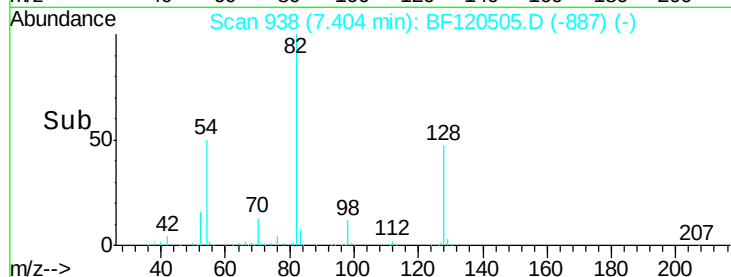
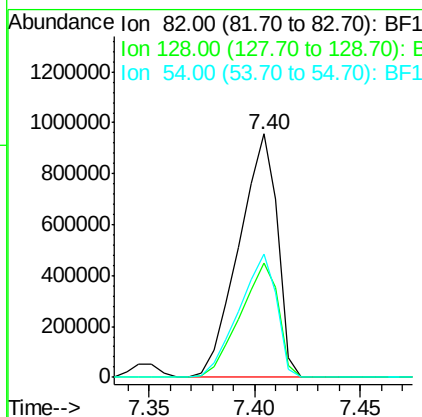
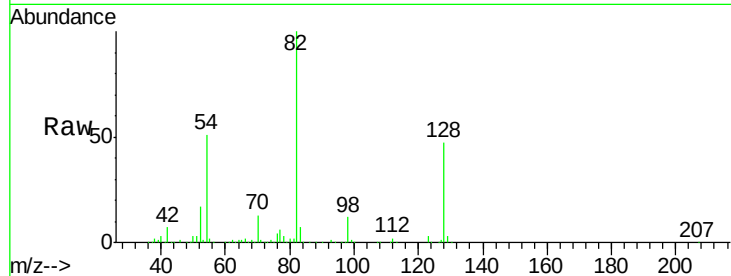
#23  
Nitrobenzene-d5  
Concen: 82.068 ng  
RT: 7.40 min Scan# 938  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.7  | 37.4  | 56.0  |
| 54      | 50.9  | 40.7  | 61.1  |

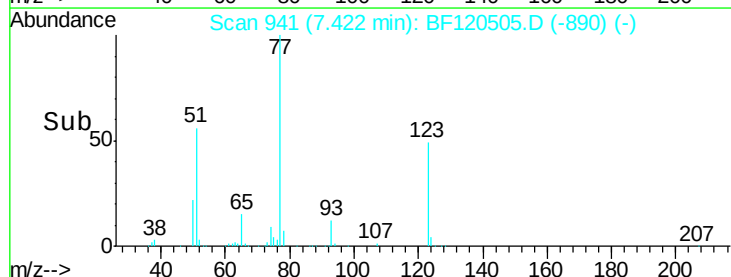
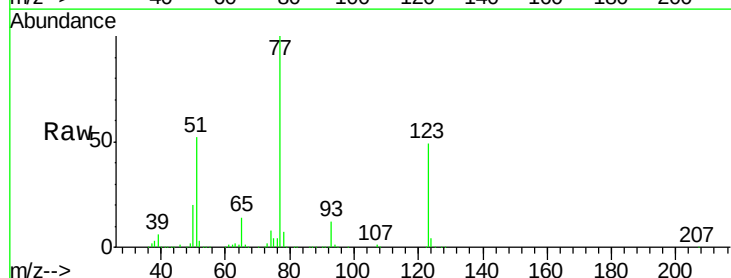
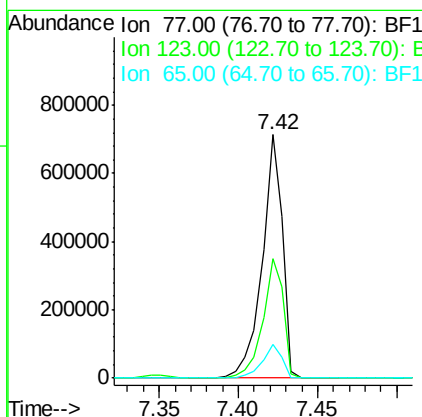
Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM

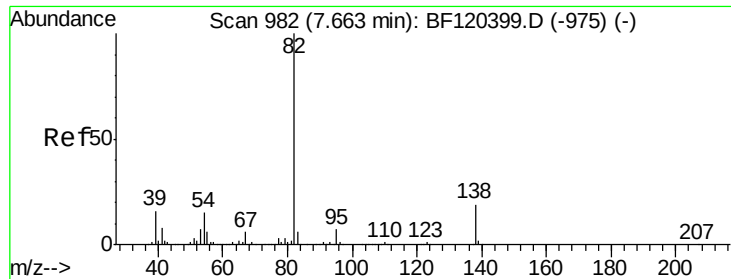


#24  
Nitrobenzene  
Concen: 40.275 ng  
RT: 7.42 min Scan# 941  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.8  | 39.0  | 58.6  |
| 65      | 13.8  | 11.0  | 16.6  |







#25

Isophorone

Concen: 40.564 ng

RT: 7.66 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1200087

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

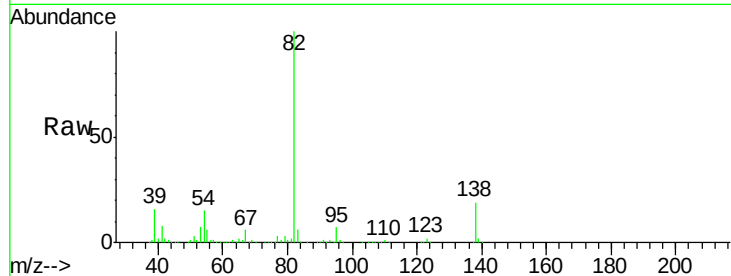
138 18.8 15.0 22.6

Manual Integrations

APPROVED

mohammad

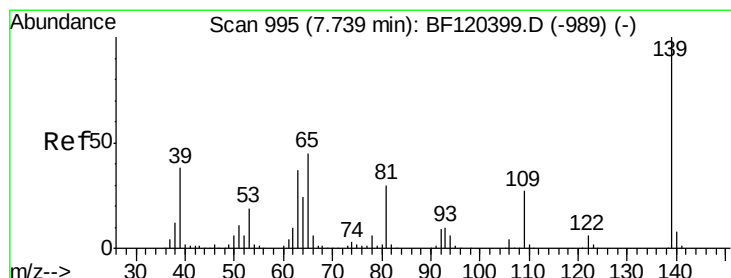
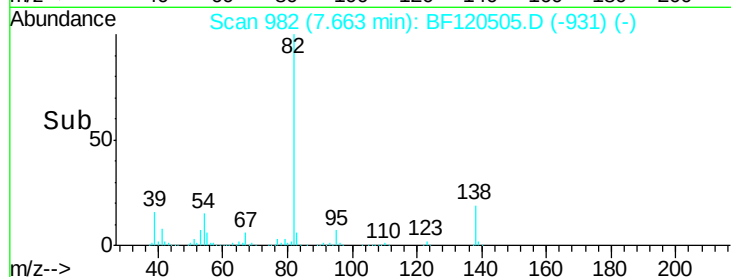
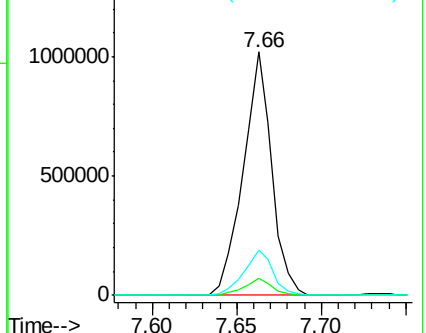
6/4/2020 12:12:06 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.001 ng

RT: 7.74 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

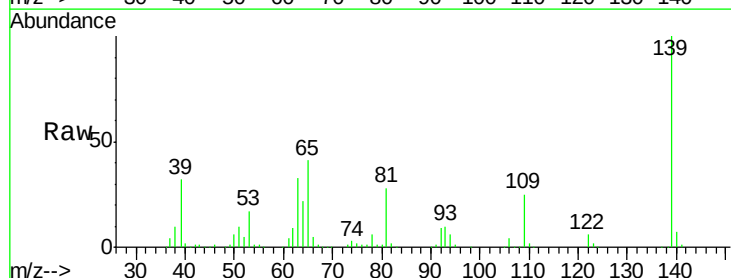
Tgt Ion: 139 Resp: 336018

Ion Ratio Lower Upper

139 100

109 24.6 19.7 29.5

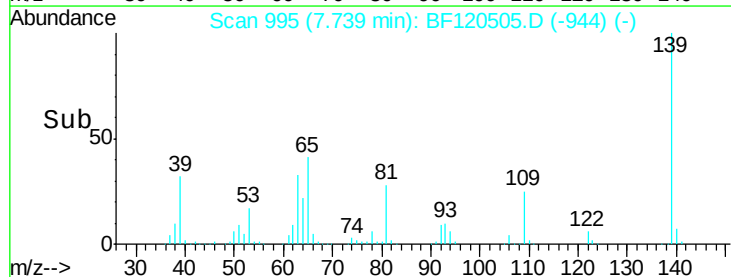
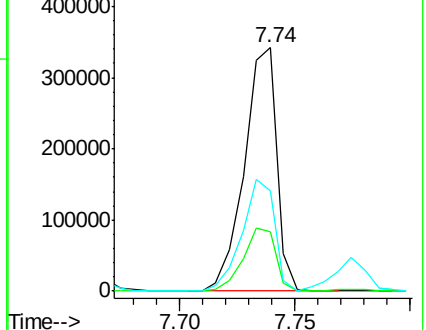
65 41.0 32.8 49.2

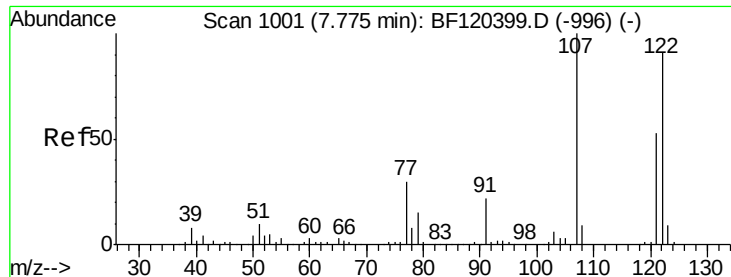


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





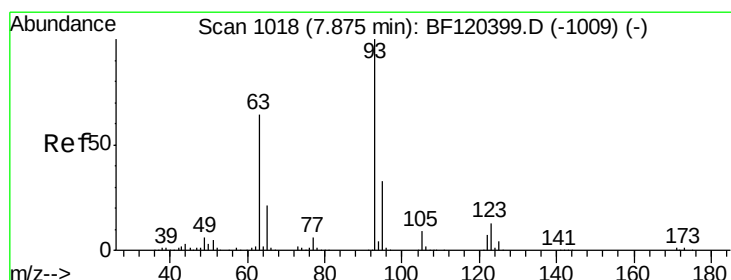
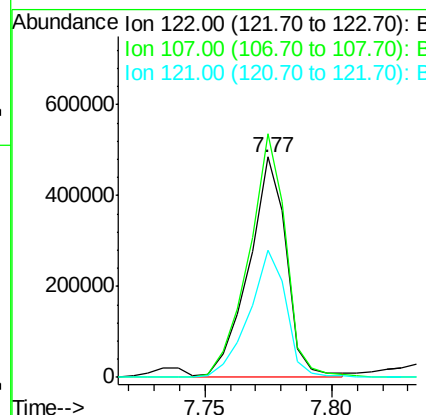
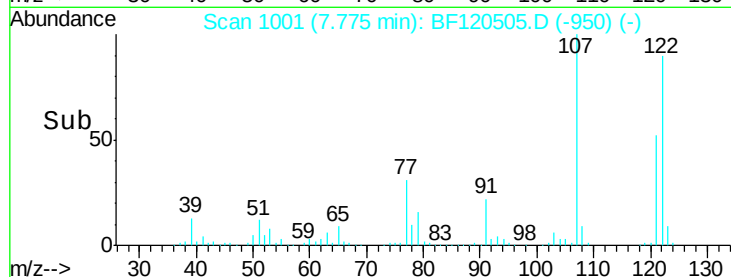
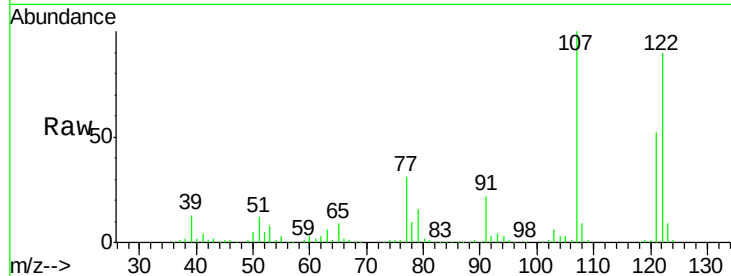
#27  
2,4-Dimethylphenol  
Concen: 40.574 ng  
RT: 7.77 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.5 | 88.4  | 132.6 |
| 121     | 57.6  | 46.1  | 69.1  |

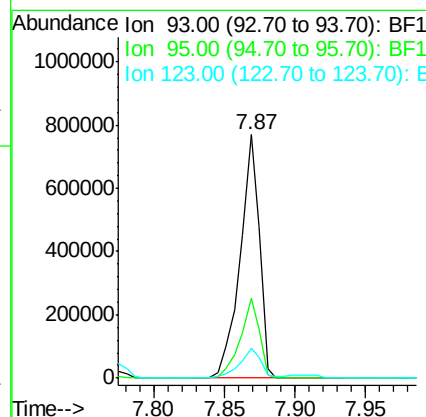
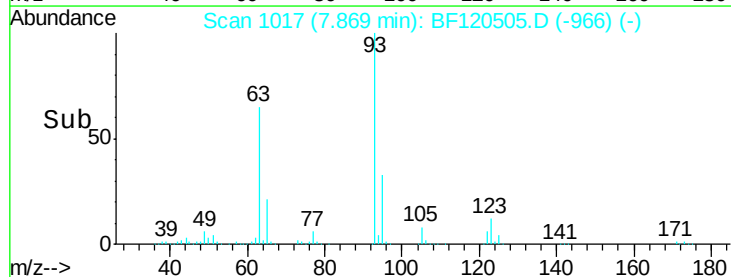
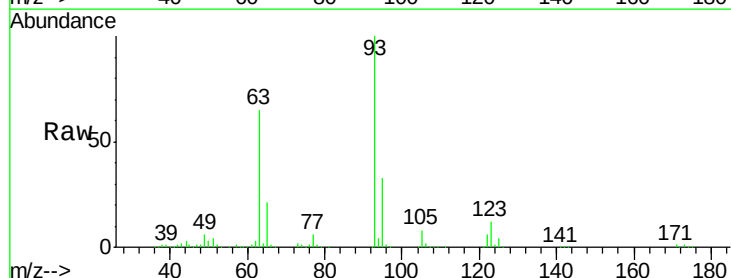
Manual Integrations  
APPROVED

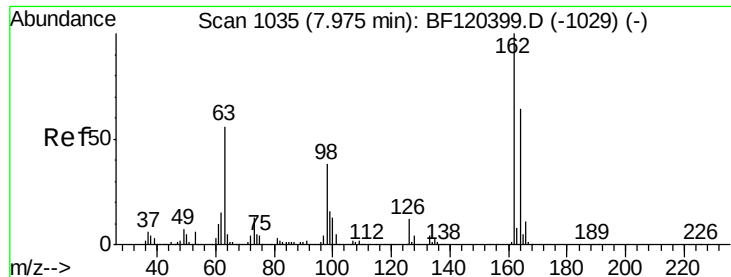
mohammad  
6/4/2020 12:12:06 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.845 ng  
RT: 7.87 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 26.4  | 39.6  |
| 123     | 12.0  | 9.6   | 14.4  |





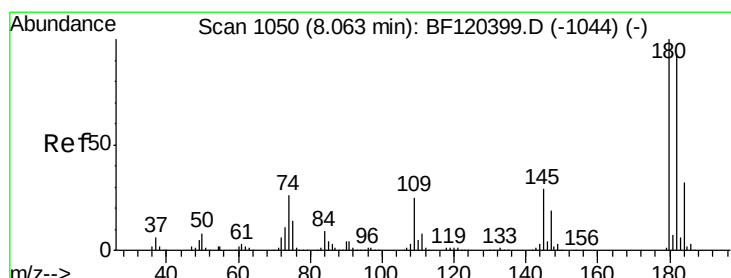
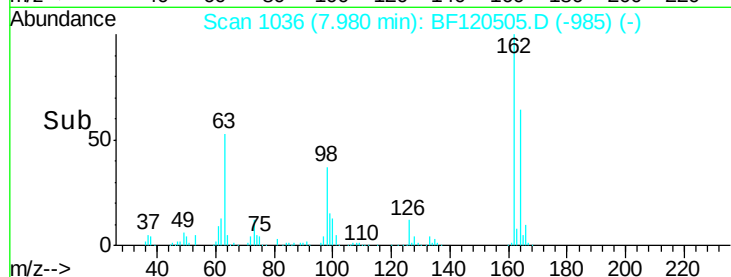
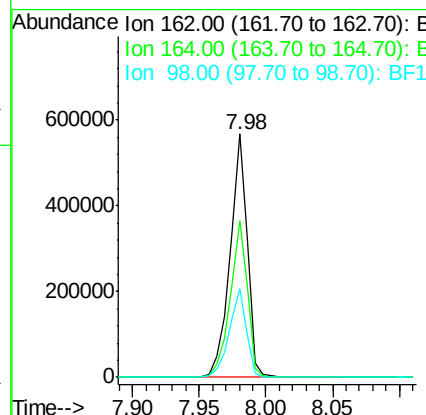
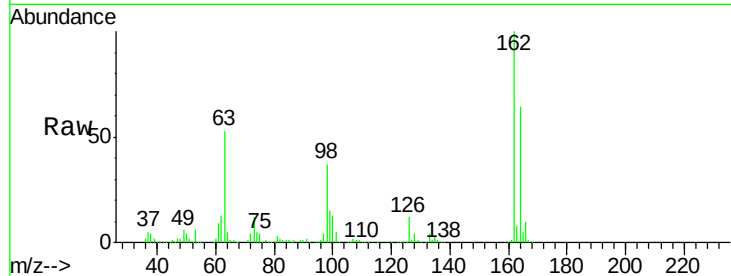
#29  
2,4-Dichlorophenol  
Concen: 41.525 ng  
RT: 7.98 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.4  | 44.4  | 84.4  |
| 98      | 36.5  | 16.5  | 56.5  |

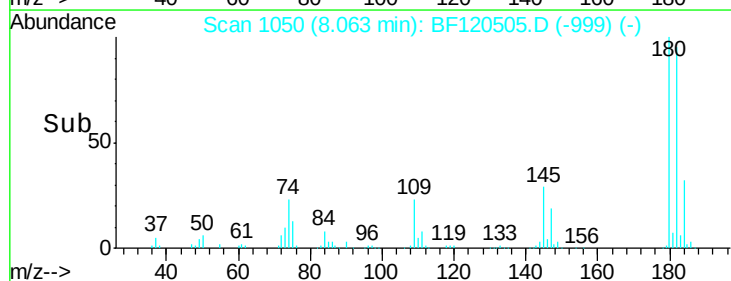
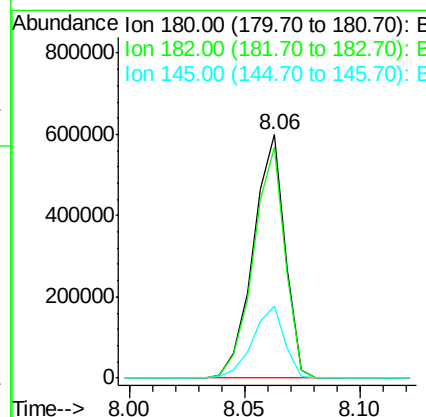
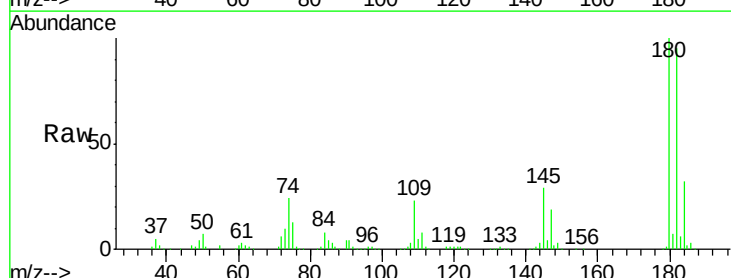
Manual Integrations  
APPROVED

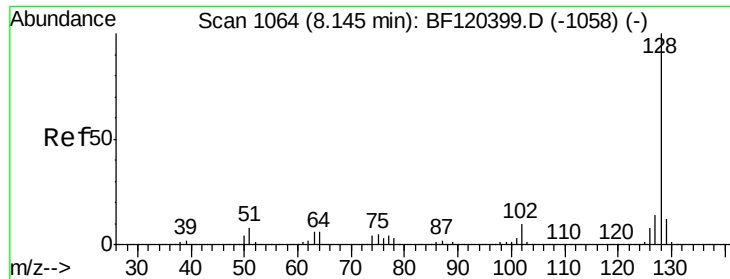
mohammad  
6/4/2020 12:12:06 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 40.880 ng  
RT: 8.06 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 75.7  | 113.5 |
| 145     | 29.4  | 23.5  | 35.3  |





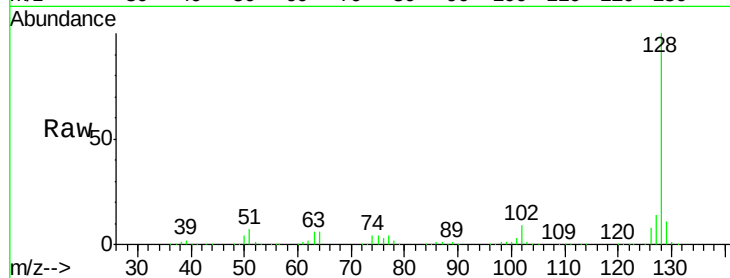
#31  
Naphthalene  
Concen: 40.076 ng  
RT: 8.15 min Scan# 1064  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

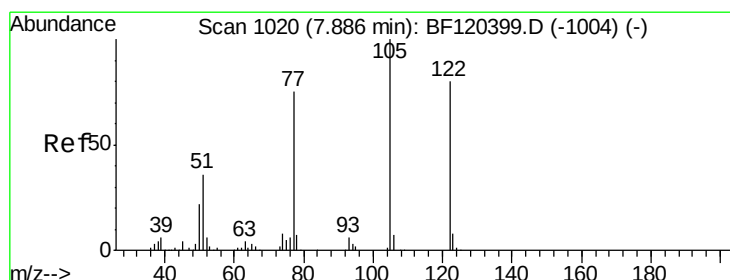
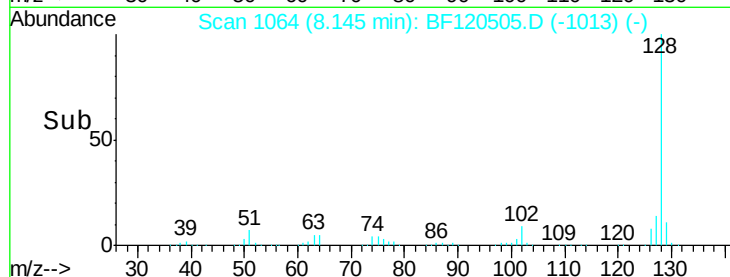
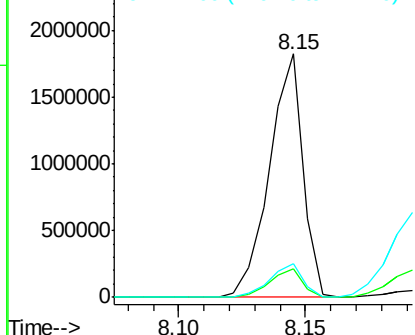
Tot Ion:128 Resp: 1694726  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.2 13.8  
127 13.8 11.0 16.6

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM

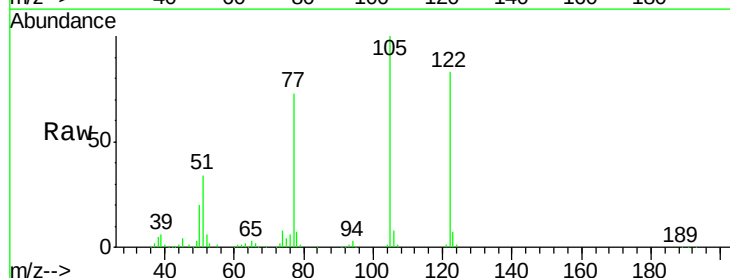


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

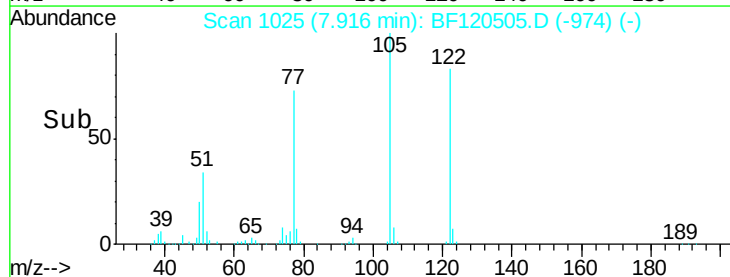
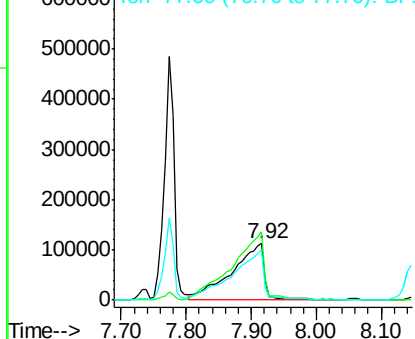


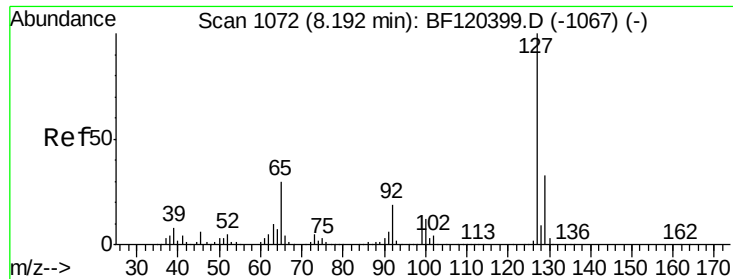
#32  
Benzoic acid  
Concen: 41.871 ng  
RT: 7.92 min Scan# 1025  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Tgt Ion:122 Resp: 385770  
Ion Ratio Lower Upper  
122 100  
105 120.7 100.7 140.7  
77 88.3 68.3 108.3



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





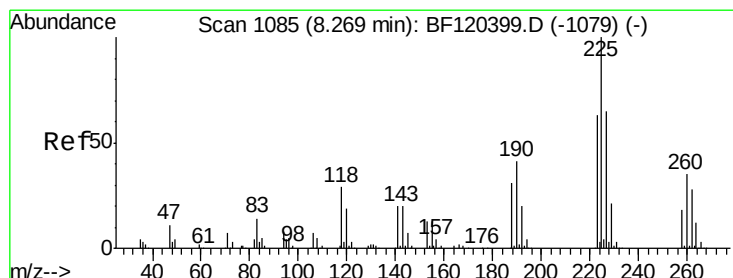
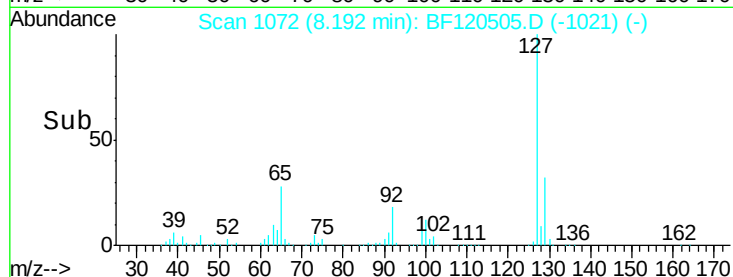
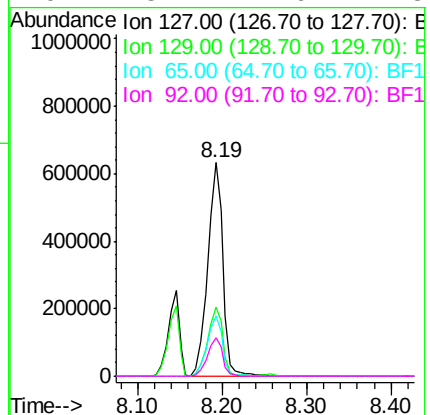
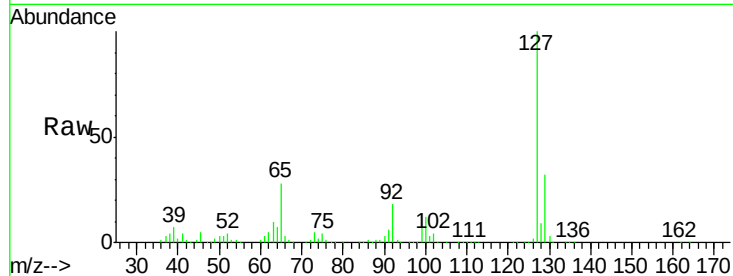
#33  
4-Chloroaniline  
Concen: 42.383 ng  
RT: 8.19 min Scan# 1072  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.3 | 25.8  | 38.8 |       |       |
| 65      | 28.4 | 22.7  | 34.1 |       |       |
| 92      | 18.2 | 14.6  | 21.8 |       |       |

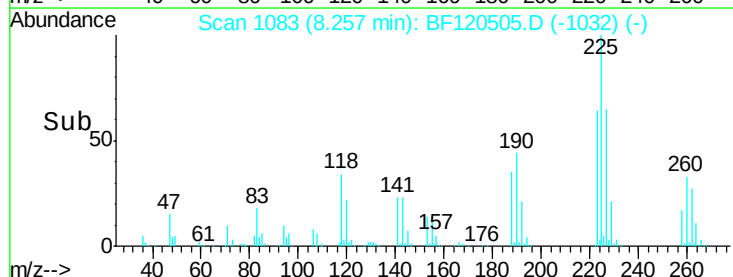
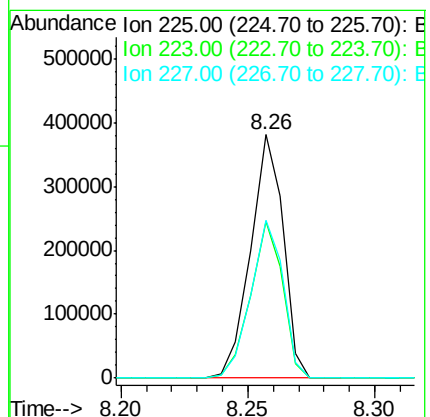
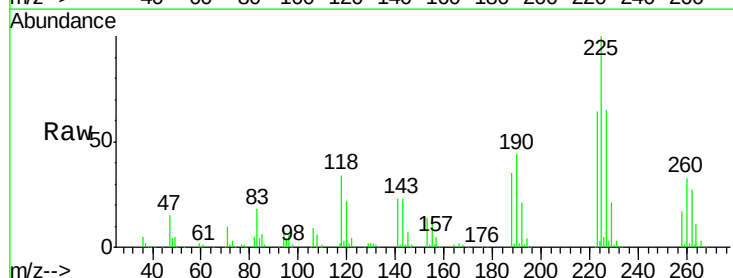
Manual Integrations  
APPROVED

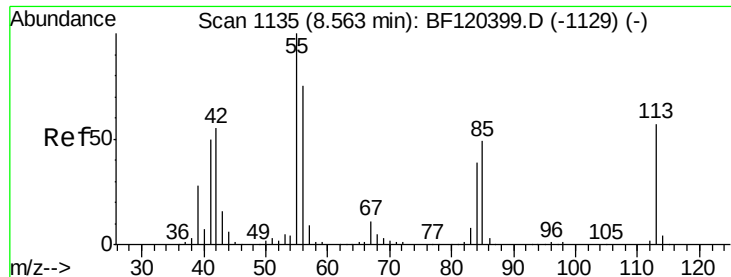
mohammad  
6/4/2020 12:12:06 PM



#34  
Hexachlorobutadiene  
Concen: 41.006 ng  
RT: 8.26 min Scan# 1083  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 64.4 | 51.5  | 77.3 |       |       |
| 227     | 64.9 | 51.9  | 77.9 |       |       |





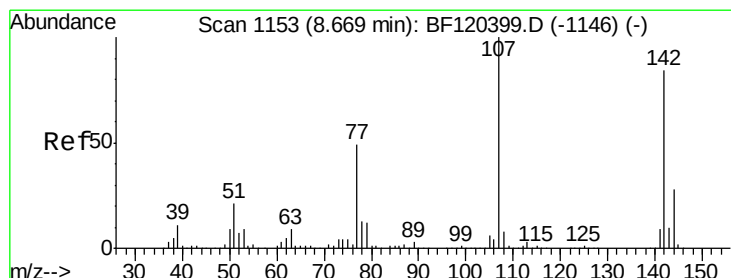
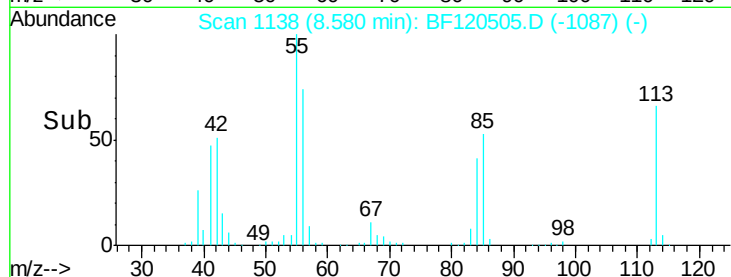
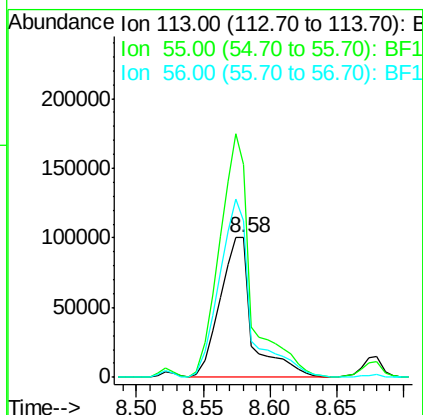
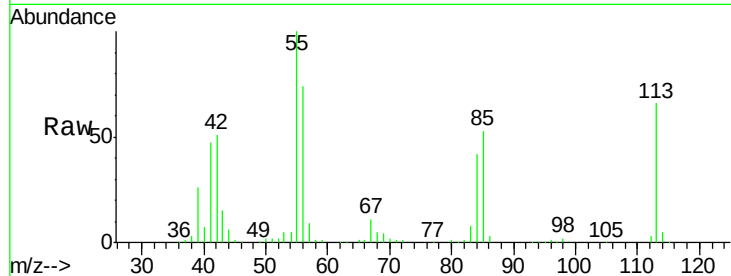
#35  
 Caprolactam  
 Concen: 42.379 ng  
 RT: 8.58 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 113     | 100   |       | 172111 |       |       |
| 55      | 152.3 | 132.3 | 172.3  |       |       |
| 56      | 112.2 | 92.2  | 132.2  |       |       |

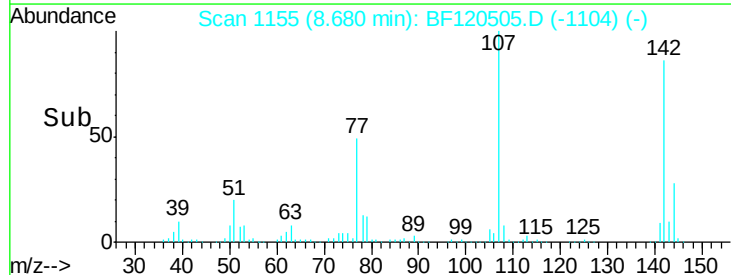
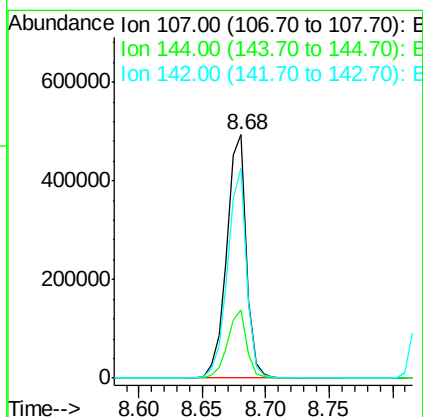
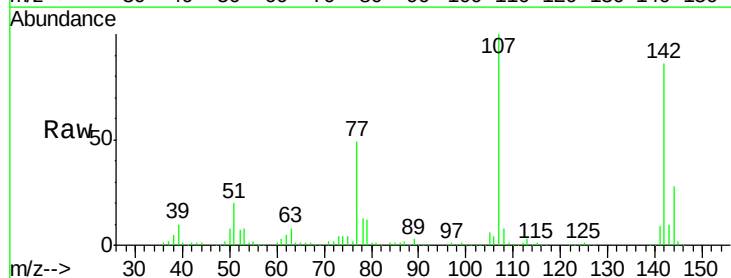
Manual Integrations  
 APPROVED

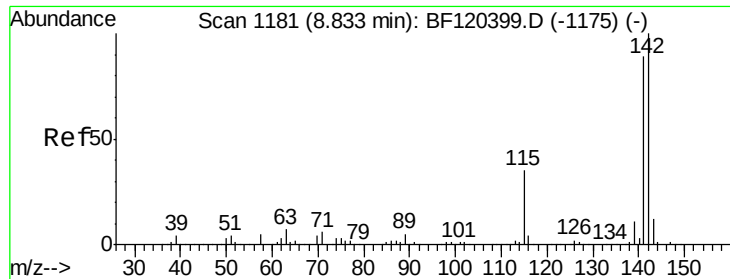
mohammad  
 6/4/2020 12:12:06 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.429 ng  
 RT: 8.68 min Scan# 1155  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 527096 |       |       |
| 144     | 28.1 | 22.5  | 33.7   |       |       |
| 142     | 86.5 | 69.2  | 103.8  |       |       |





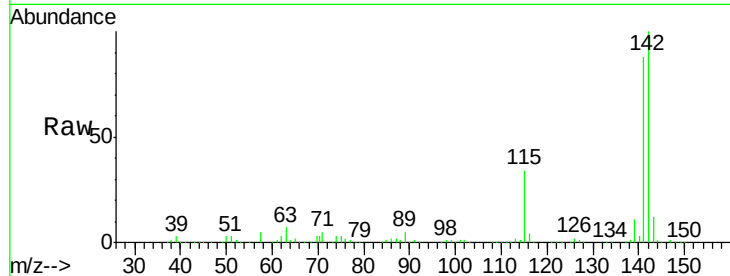
#37  
2-Methylnaphthalene  
Concen: 41.116 ng  
RT: 8.83 min Scan# 1181  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.3  | 70.6  | 106.0 |
| 115     | 34.4  | 27.5  | 41.3  |

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM

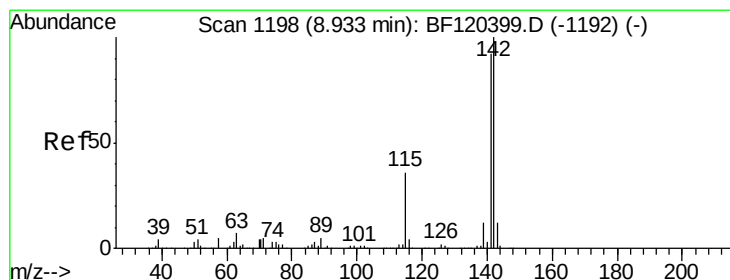
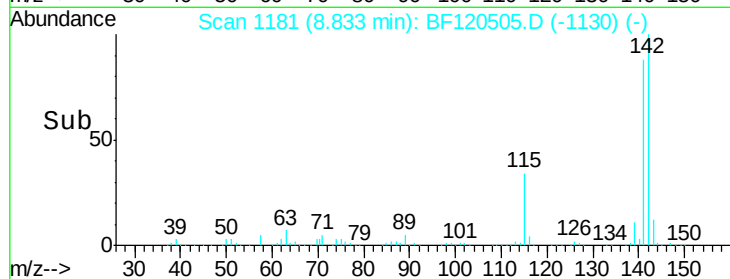
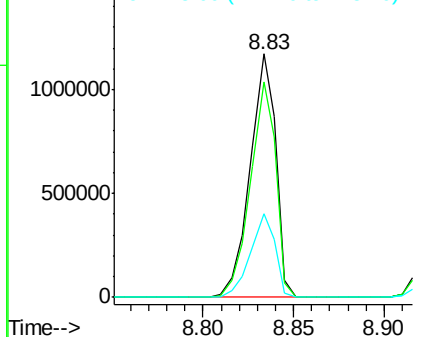


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 40.907 ng  
RT: 8.93 min Scan# 1198  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

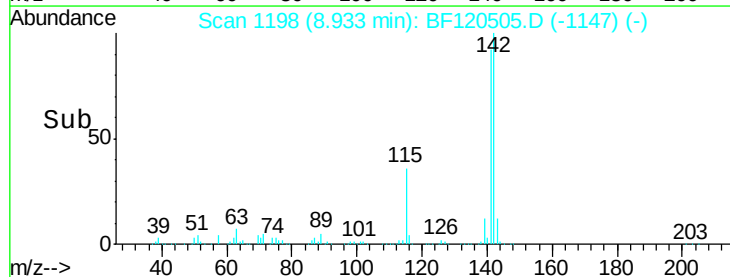
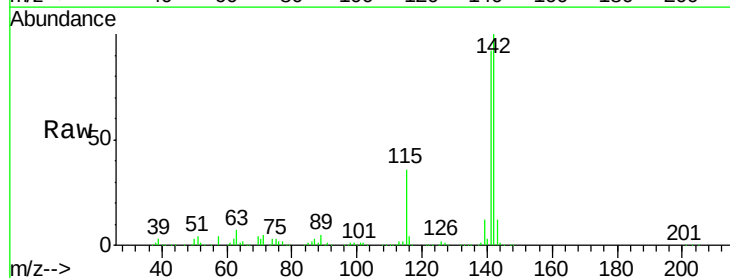
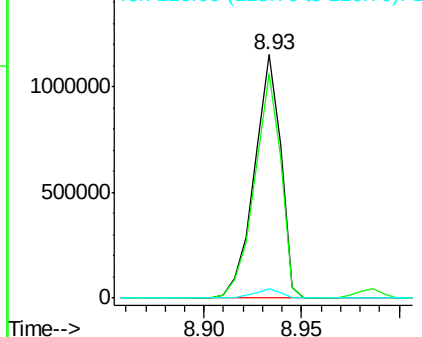
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 73.5  | 110.3 |
| 116     | 3.8   | 3.0   | 4.6   |

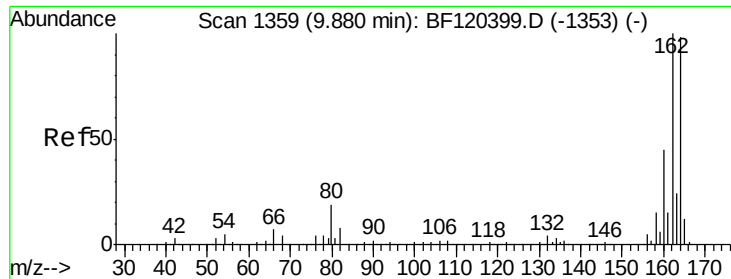
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

Instrument :

BNA\_F

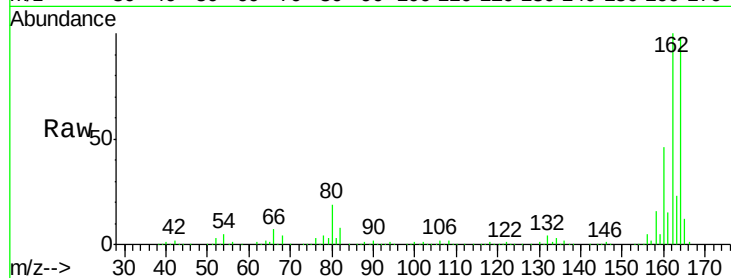
ClientSampleId :

SSTDCCC040

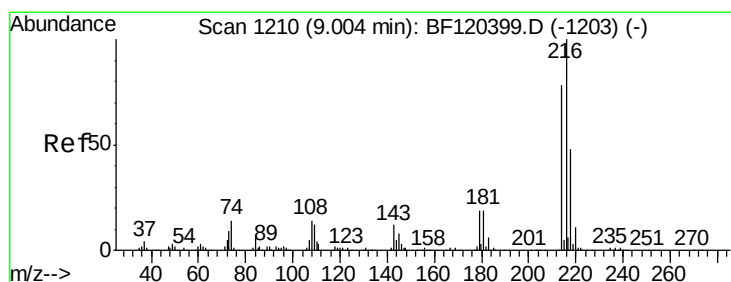
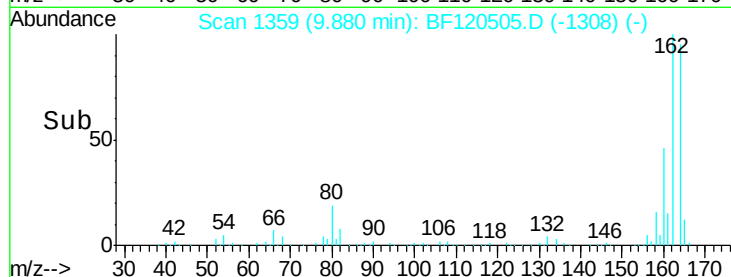
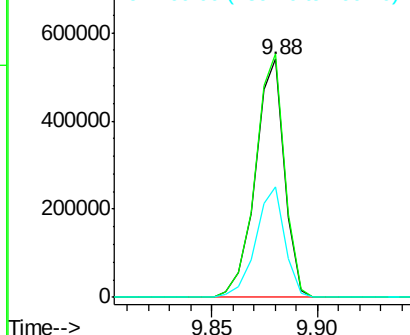
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 518157 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.2 | 81.8  | 122.6  |
| 160       | 46.6  | 37.3  | 55.9   |

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM



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: 41.063 ng

RT: 9.00 min Scan# 1210

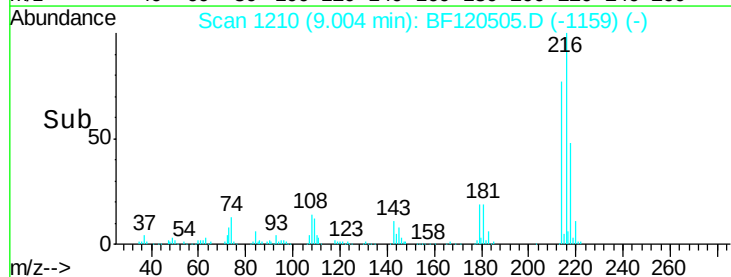
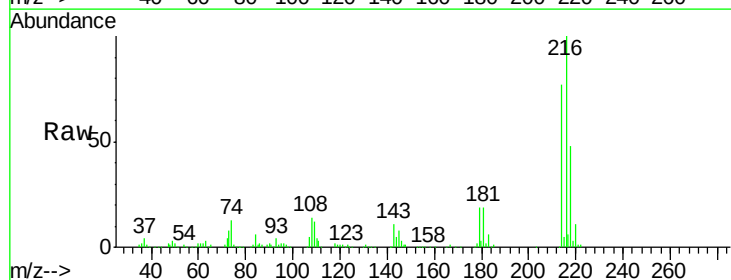
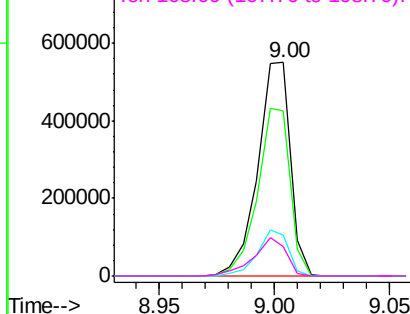
Delta R.T. 0.00 min

Lab File: BF120505.D

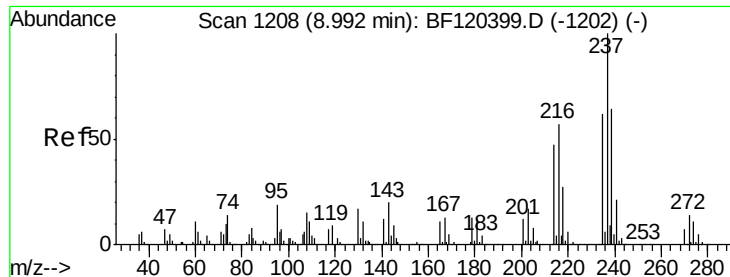
Acq: 3 Jun 2020 12:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 545638 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.2  | 62.6  | 93.8   |
| 179       | 20.5  | 16.4  | 24.6   |
| 108       | 18.4  | 14.7  | 22.1   |

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







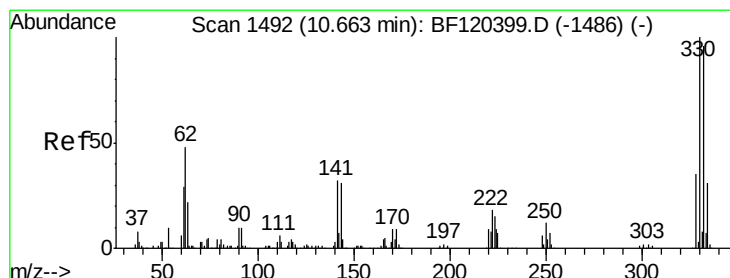
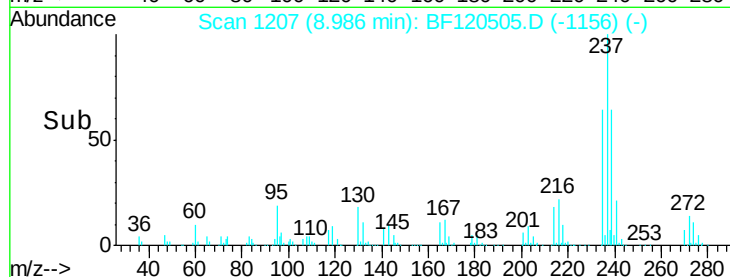
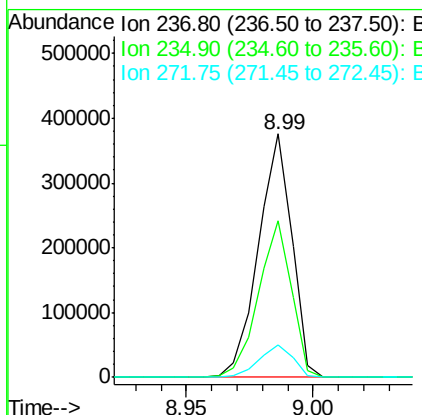
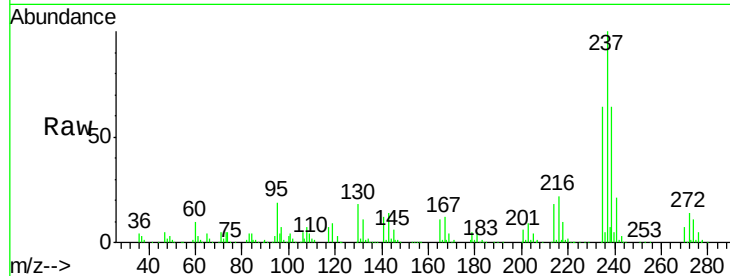
#41  
Hexachlorocyclopentadiene  
Concen: 46.778 ng  
RT: 8.99 min Scan# 1207  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 346912 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 64.1  | 44.1  | 84.1   |
| 272       | 13.6  | 0.0   | 33.6   |

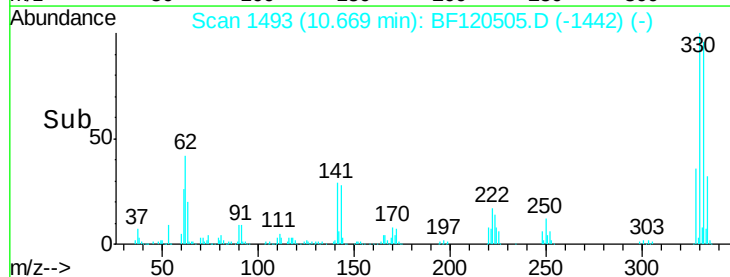
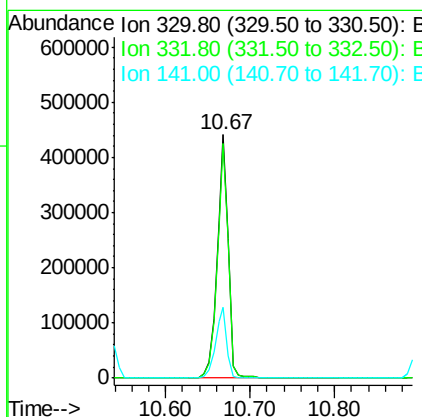
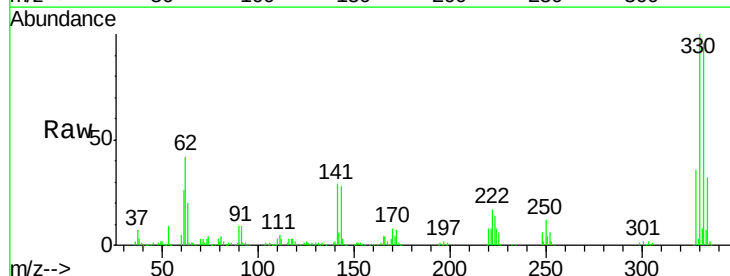
Manual Integrations  
APPROVED

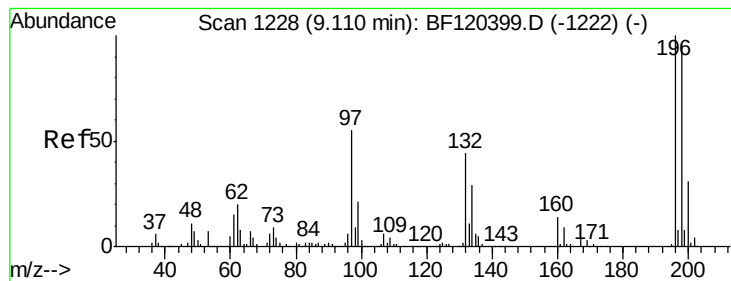
mohammad  
6/4/2020 12:12:06 PM



#42  
2,4,6-Tribromophenol  
Concen: 86.410 ng  
RT: 10.67 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 414848 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.8  | 77.4  | 116.2  |
| 141       | 29.4  | 23.5  | 35.3   |





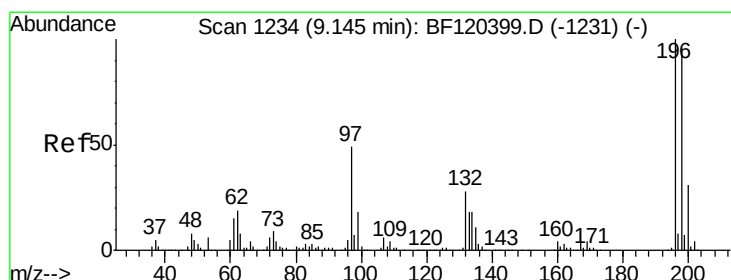
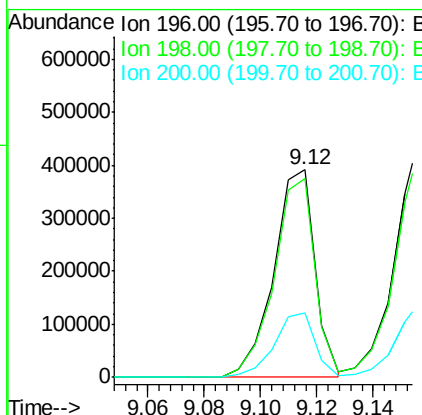
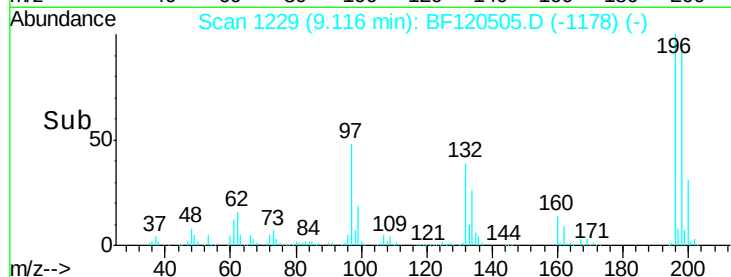
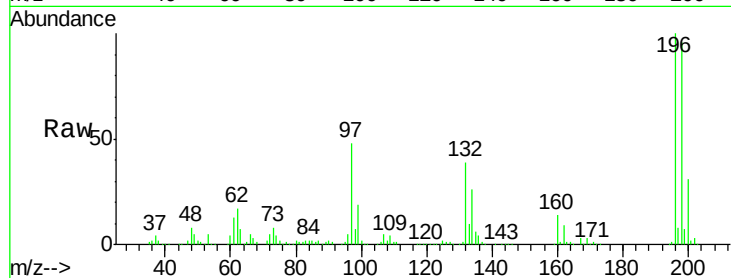
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.313 ng  
 RT: 9.12 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 397021 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.8  | 76.6  | 115.0  |
| 200       | 31.1  | 24.9  | 37.3   |

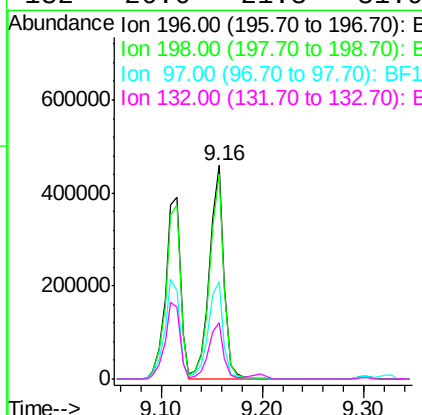
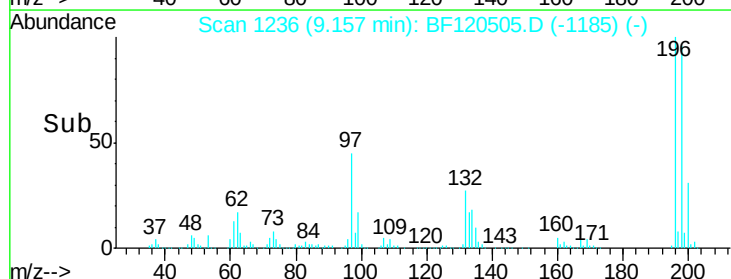
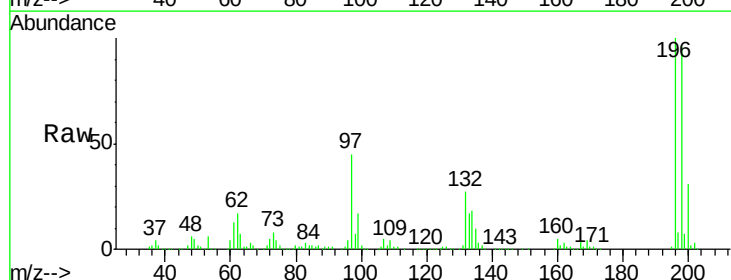
Manual Integrations  
 APPROVED

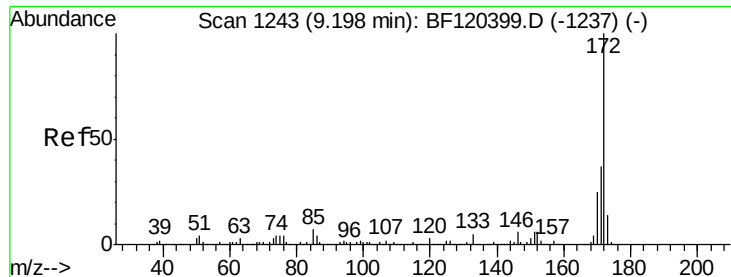
mohammad  
 6/4/2020 12:12:06 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.411 ng  
 RT: 9.16 min Scan# 1236  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 451116 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.9  | 76.7  | 115.1  |
| 97        | 45.4  | 36.3  | 54.5   |
| 132       | 26.6  | 21.3  | 31.9   |





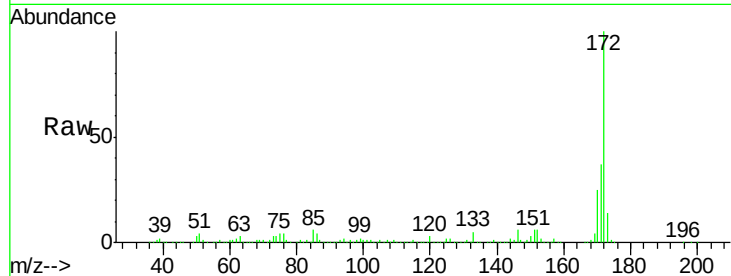
#45  
2-Fluorobiphenyl  
Concen: 70.926 ng  
RT: 9.20 min Scan# 1243  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 172     | 100  |       |       |       |
| 171     | 36.5 | 29.2  | 43.8  |       |
| 170     | 25.1 | 20.1  | 30.1  |       |

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM

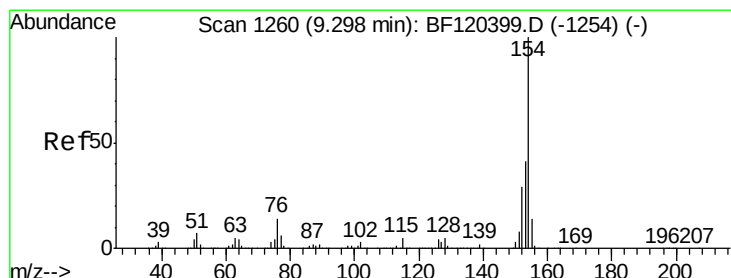
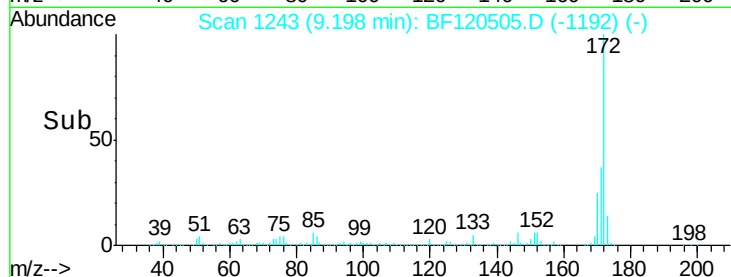
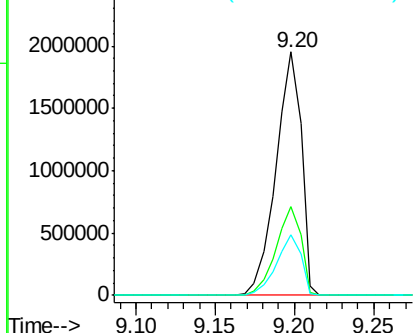


Abundance

Ion 172.00 (171.70 to 172.70): E

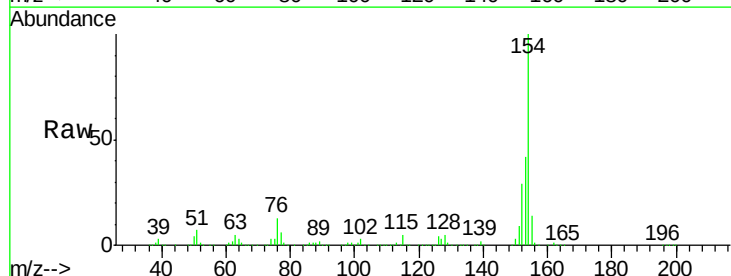
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 39.872 ng  
RT: 9.30 min Scan# 1260  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 154     | 100  |       |       |       |
| 153     | 41.5 | 21.5  | 61.5  |       |
| 76      | 13.0 | 0.0   | 33.0  |       |

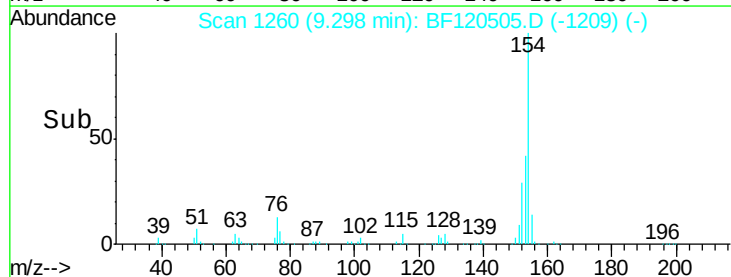
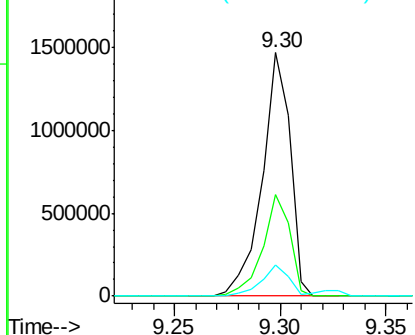


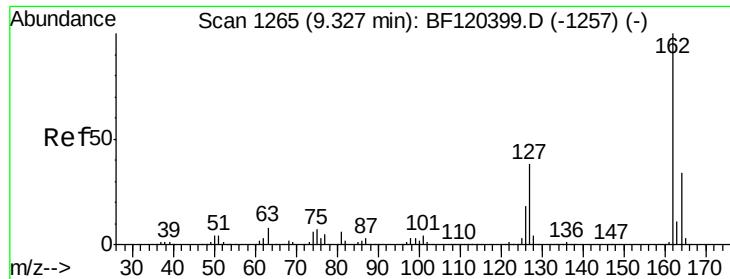
Abundance

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





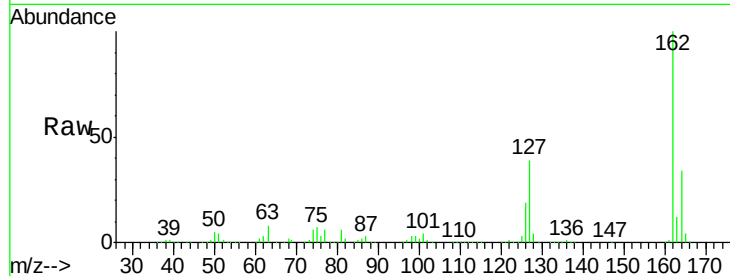
#47  
 2-Chloronaphthalene  
 Concen: 39.630 ng  
 RT: 9.33 min Scan# 1265  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

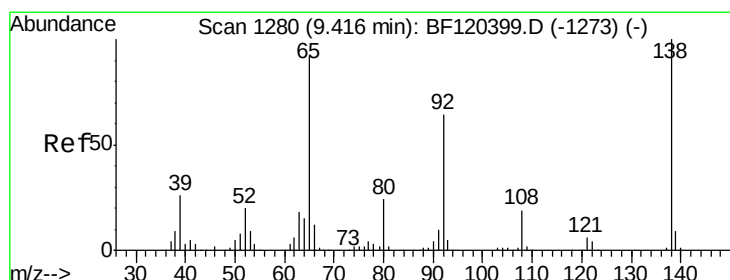
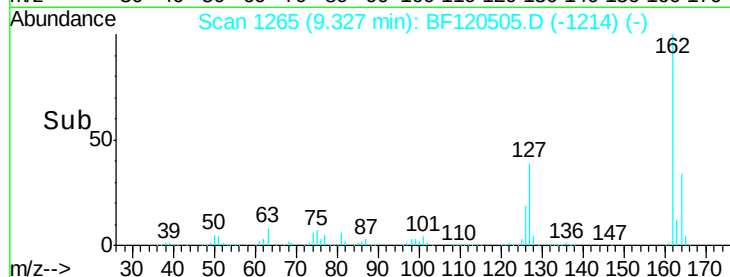
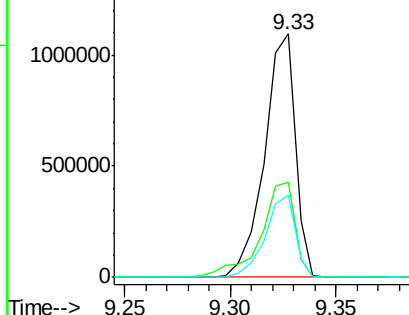
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 162     | 100  |       |       |       |
| 127     | 39.3 | 31.4  | 47.2  |       |
| 164     | 34.0 | 27.2  | 40.8  |       |

Manual Integrations  
 APPROVED

mohammad  
 6/4/2020 12:12:06 PM

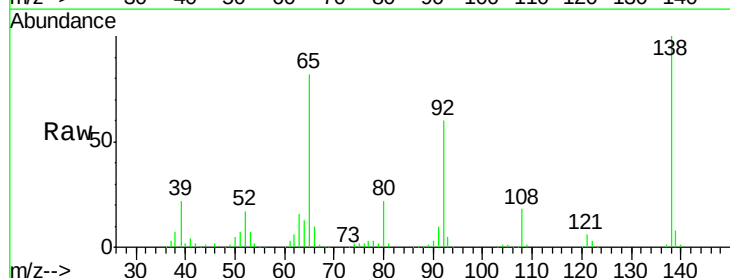


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

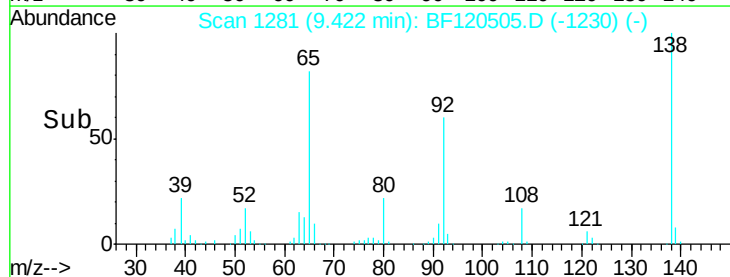
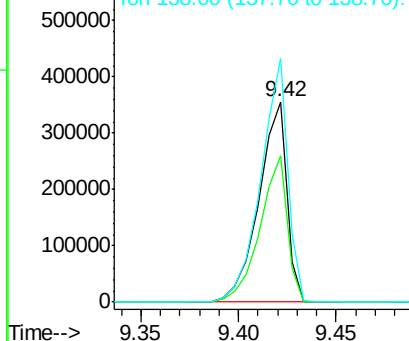


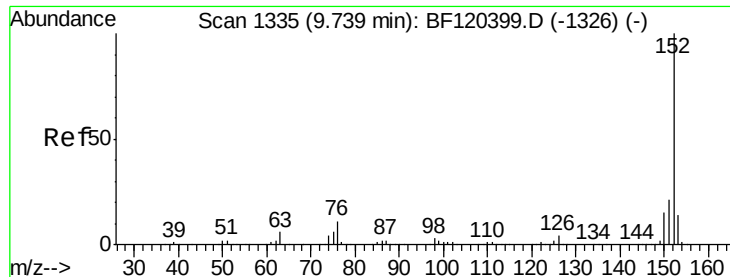
#48  
 2-Nitroaniline  
 Concen: 41.393 ng  
 RT: 9.42 min Scan# 1281  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   |       |       |       |
| 92      | 73.1  | 58.5  | 87.7  |       |
| 138     | 121.5 | 97.2  | 145.8 |       |



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: 40.151 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1739088

Ion Ratio Lower Upper

152 100

151 20.6 16.5 24.7

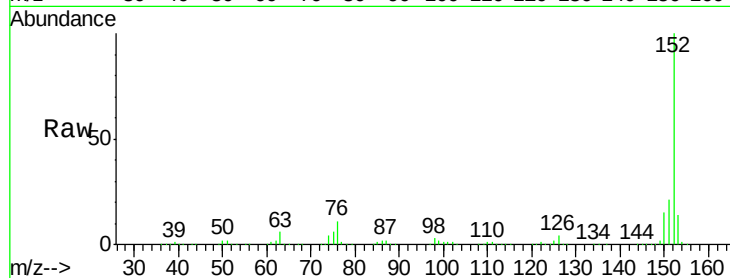
153 13.8 11.0 16.6

Manual Integrations

APPROVED

mohammad

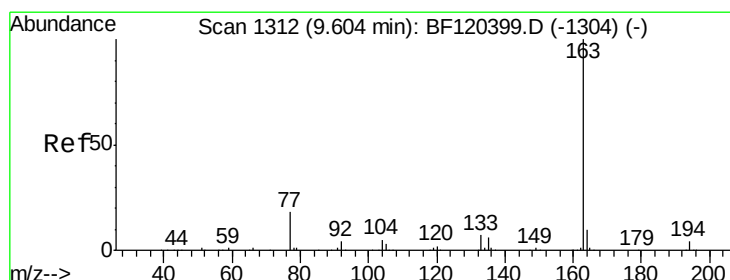
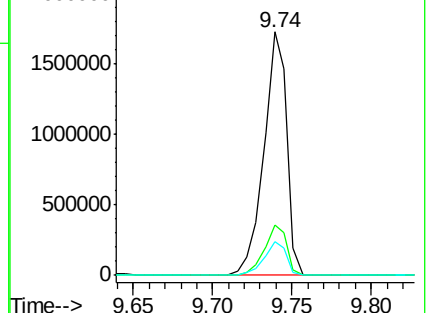
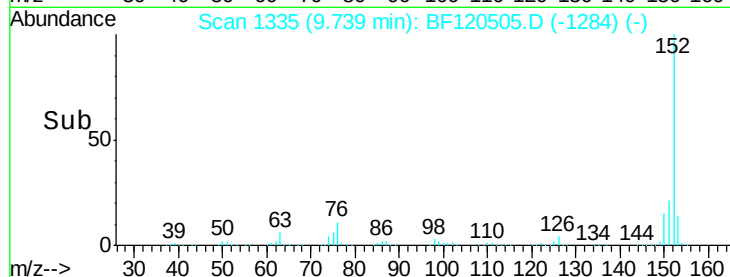
6/4/2020 12:12:06 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.304 ng

RT: 9.60 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

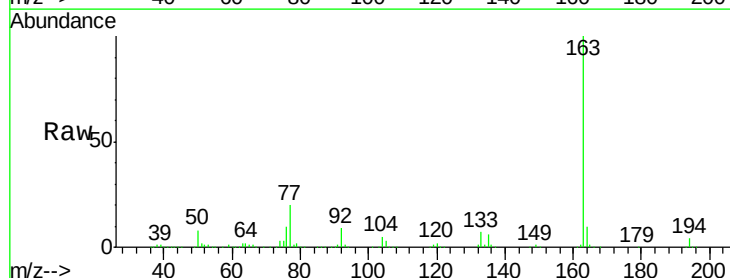
Tgt Ion:163 Resp: 1338006

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

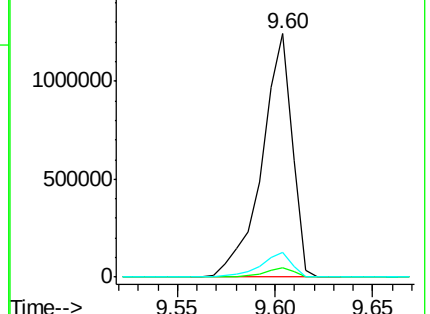
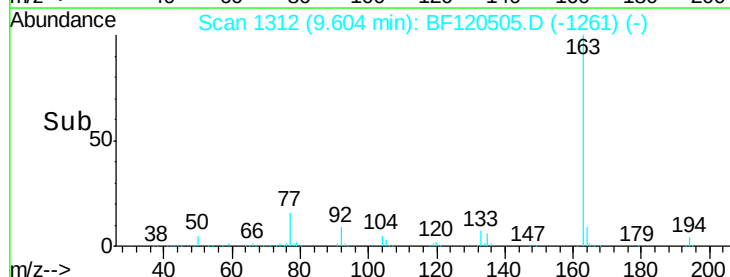
164 10.3 8.2 12.4

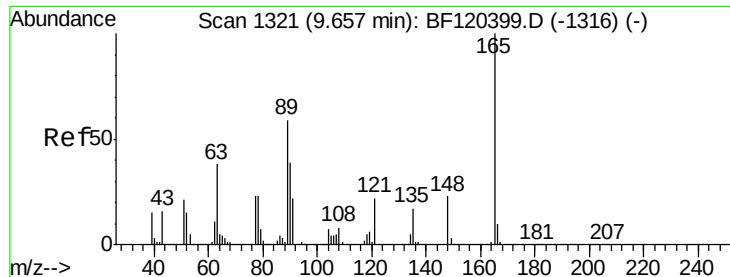


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.191 ng

RT: 9.66 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

Instrument :

BNA\_F

ClientSampleId :

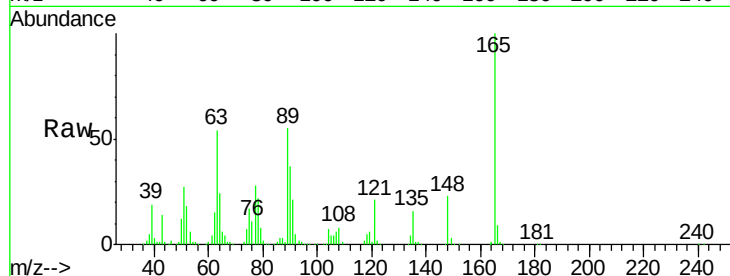
SSTDCCC040

Tot Ion:165 Resp: 303730  
Ion Ratio Lower Upper

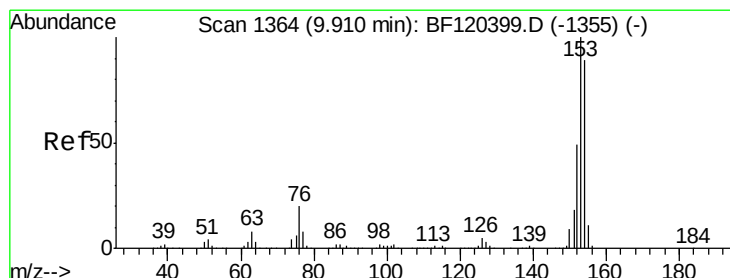
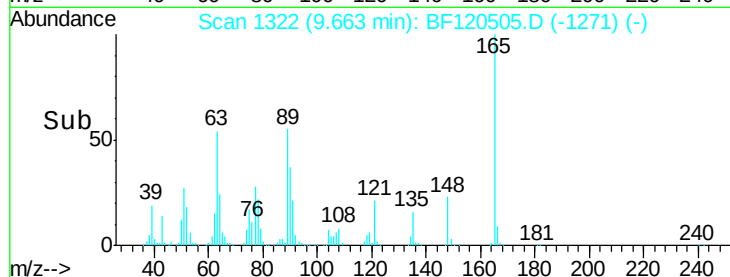
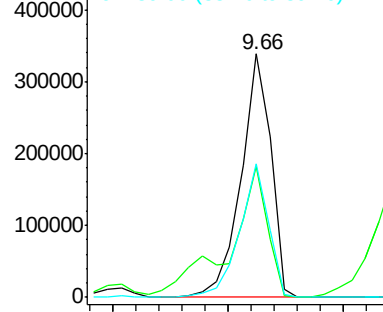
|     |      |      |      |
|-----|------|------|------|
| 165 | 100  |      |      |
| 63  | 53.8 | 43.0 | 64.6 |
| 89  | 54.7 | 43.8 | 65.6 |

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM



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: 40.773 ng m

RT: 9.92 min Scan# 1365

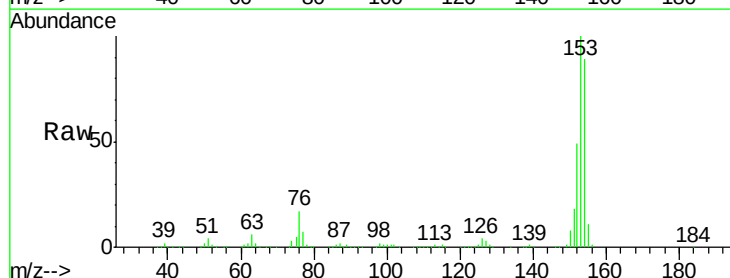
Delta R.T. 0.00 min

Lab File: BF120505.D

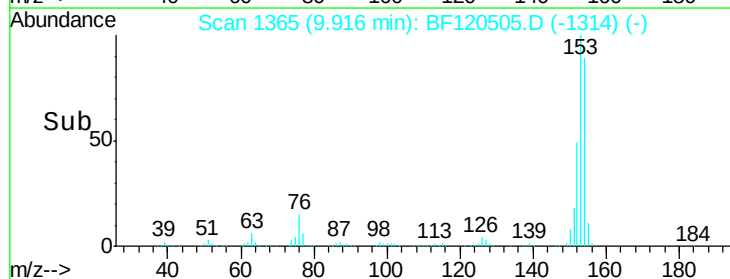
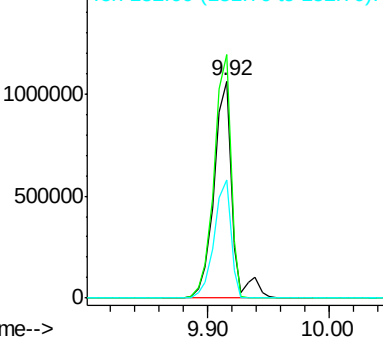
Acq: 3 Jun 2020 12:42

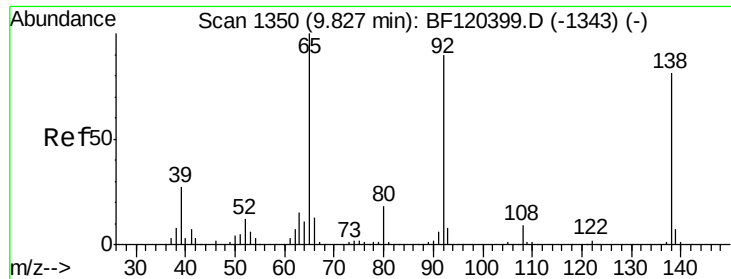
Tgt Ion:154 Resp: 1102186  
Ion Ratio Lower Upper

|     |       |      |       |
|-----|-------|------|-------|
| 154 | 100   |      |       |
| 153 | 112.3 | 89.8 | 134.8 |
| 152 | 54.7  | 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





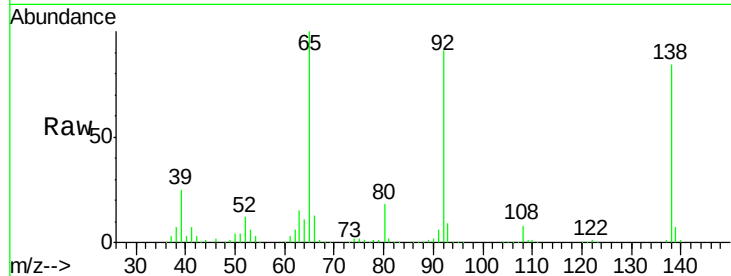
#53  
3-Nitroaniline  
Concen: 42.069 ng  
RT: 9.83 min Scan# 1351  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

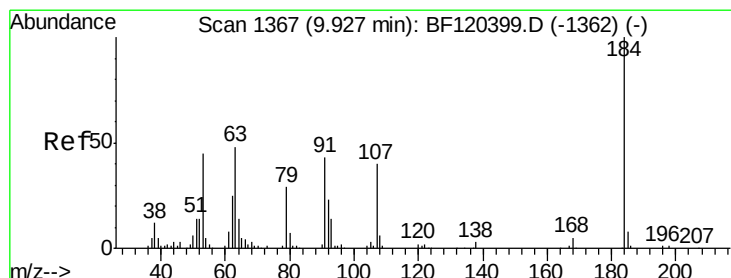
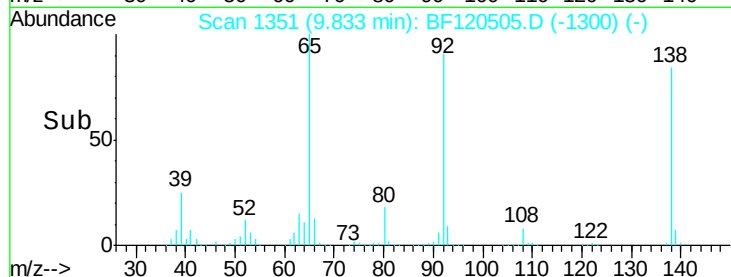
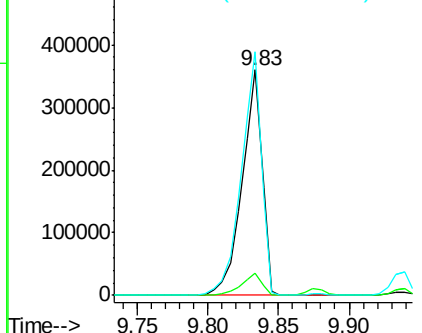
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.9   | 7.9   | 11.9  |
| 92      | 108.0 | 86.4  | 129.6 |

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM

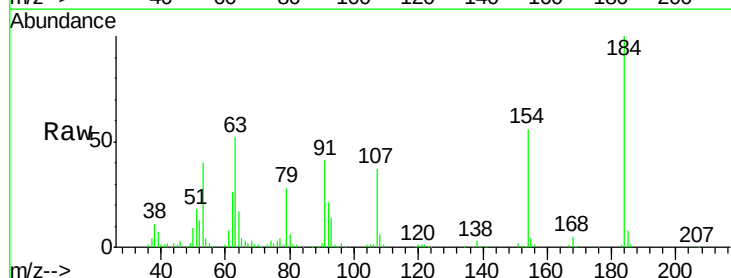


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

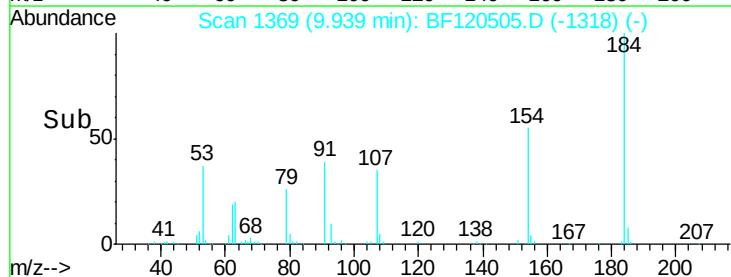
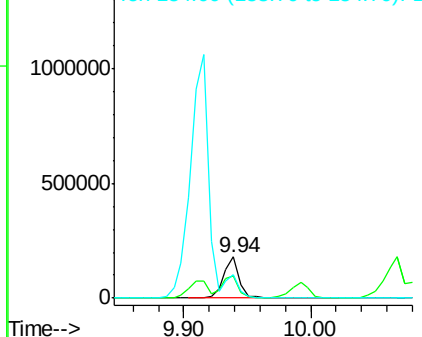


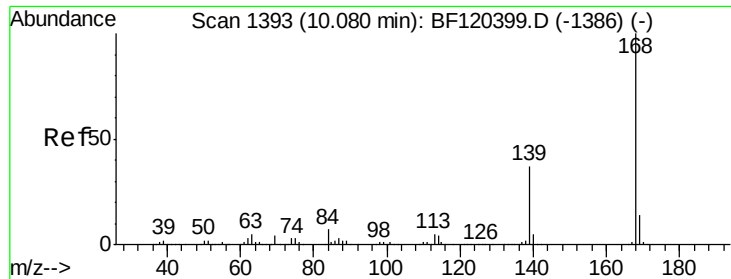
#54  
2,4-Dinitrophenol  
Concen: 56.857 ng  
RT: 9.94 min Scan# 1369  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 52.5  | 42.0  | 63.0  |
| 154     | 55.6  | 44.5  | 66.7  |



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





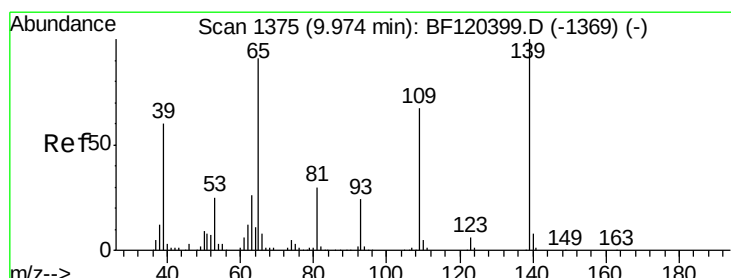
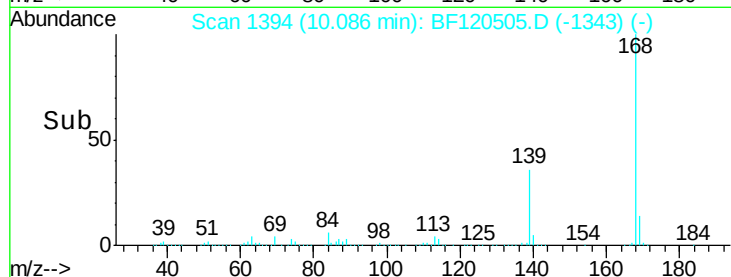
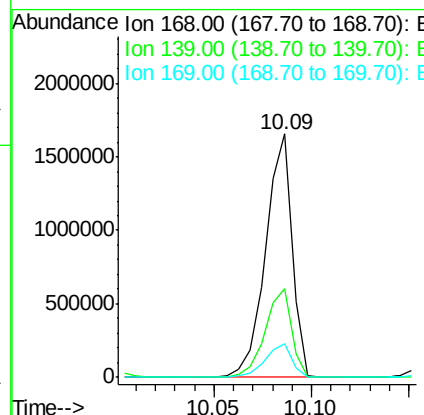
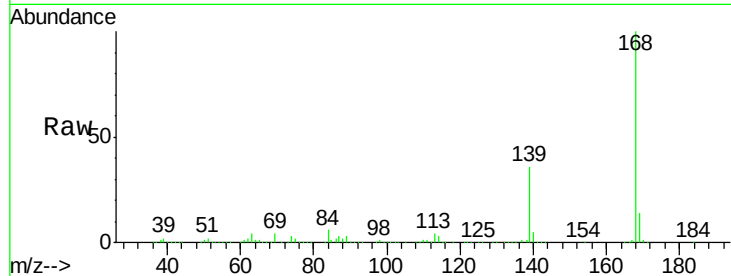
#55  
Dibenzofuran  
Concen: 39.553 ng  
RT: 10.09 min Scan# 1394  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:168 Resp: 1553783  
Ion Ratio Lower Upper  
168 100  
139 36.2 29.0 43.4  
169 13.7 11.0 16.4

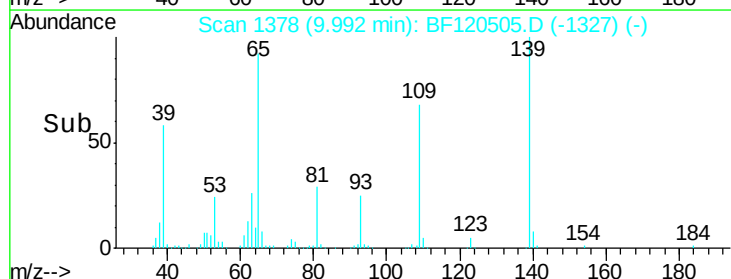
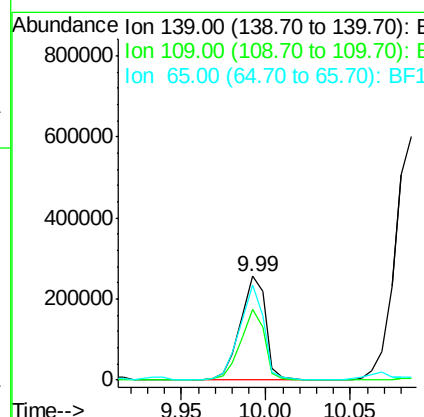
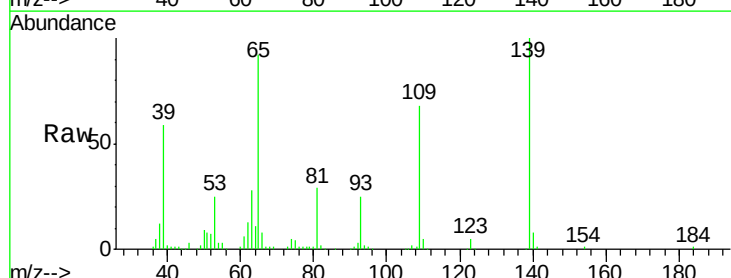
Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM

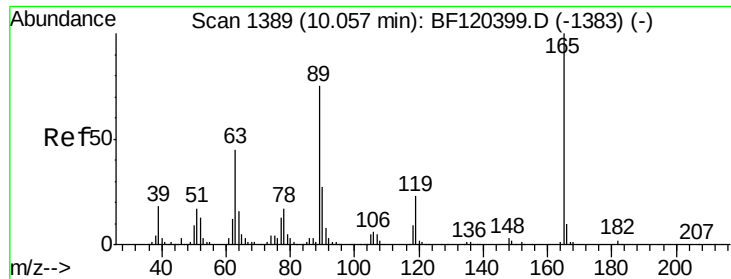


#56  
4-Nitrophenol  
Concen: 41.731 ng  
RT: 9.99 min Scan# 1378  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Tgt Ion:139 Resp: 270082  
Ion Ratio Lower Upper  
139 100  
109 67.8 47.8 87.8  
65 92.0 72.0 112.0







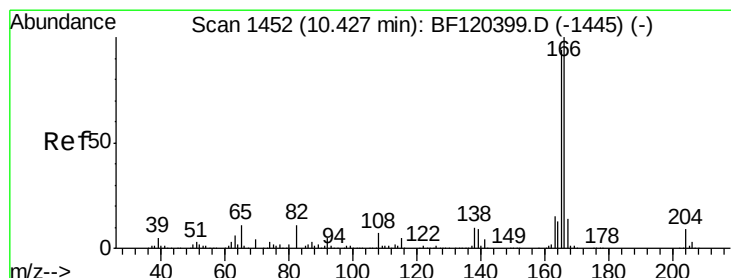
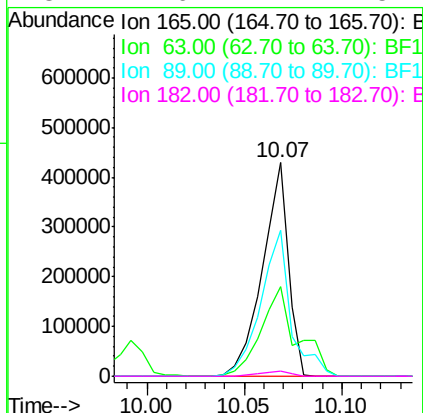
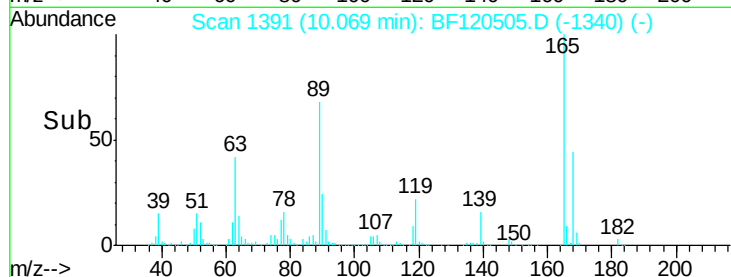
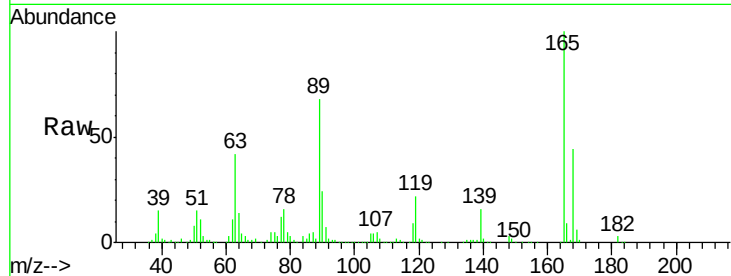
#57  
2,4-Dinitrotoluene  
Concen: 42.871 ng  
RT: 10.07 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 394987 |       |       |
| 63      | 41.7  | 33.4   | 50.0  |       |
| 89      | 68.4  | 54.7   | 82.1  |       |
| 182     | 2.6   | 2.1    | 3.1   |       |

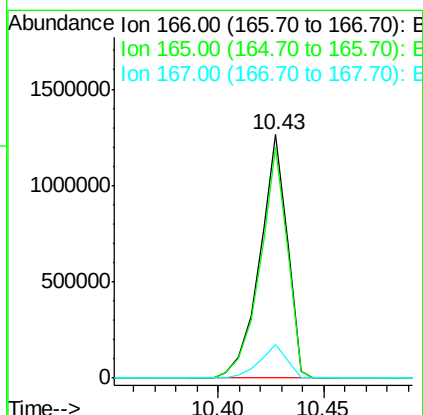
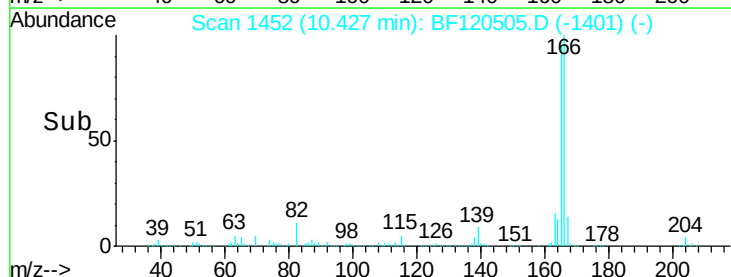
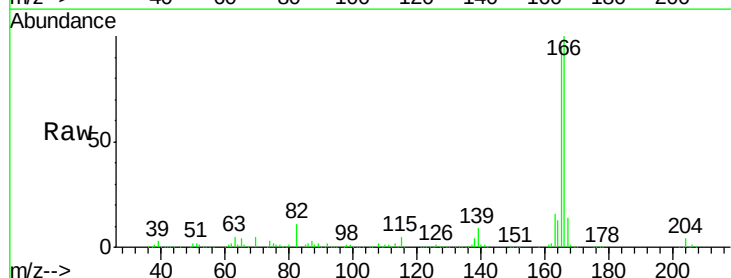
Manual Integrations  
APPROVED

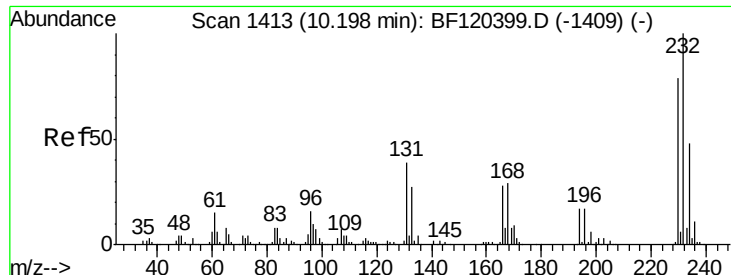
mohammad  
6/4/2020 12:12:06 PM



#58  
Fluorene  
Concen: 38.668 ng  
RT: 10.43 min Scan# 1452  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1139905 |       |       |
| 165     | 94.8  | 75.8    | 113.8 |       |
| 167     | 13.9  | 11.1    | 16.7  |       |





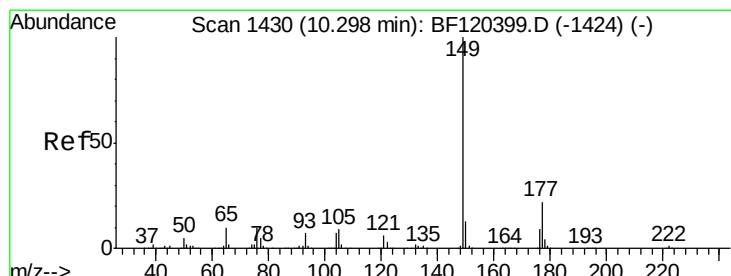
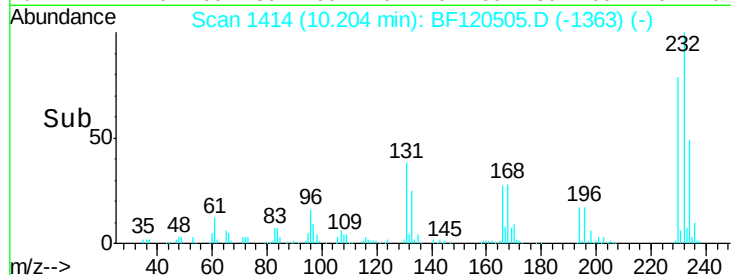
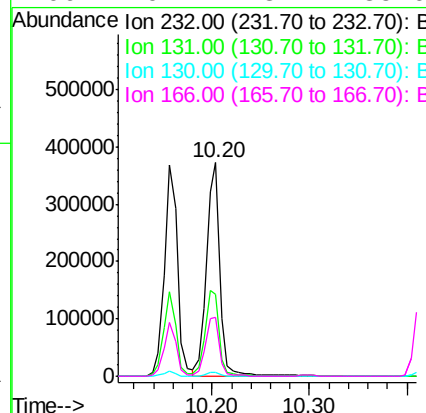
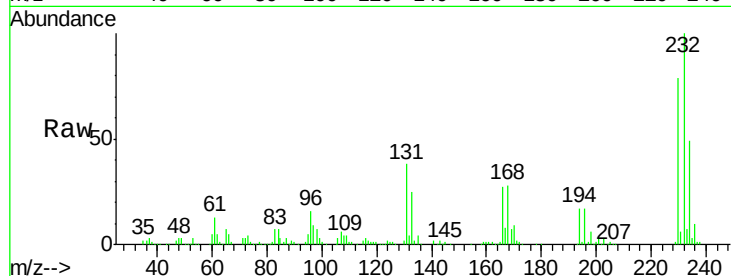
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.373 ng  
 RT: 10.20 min Scan# 1414  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 351203 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 42.7  | 34.2  | 51.2   |
| 130       | 2.1   | 1.7   | 2.5    |
| 166       | 29.2  | 23.4  | 35.0   |

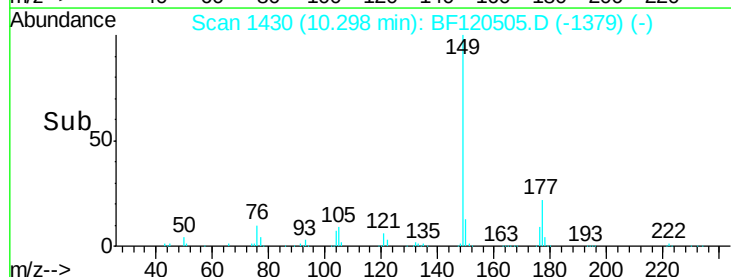
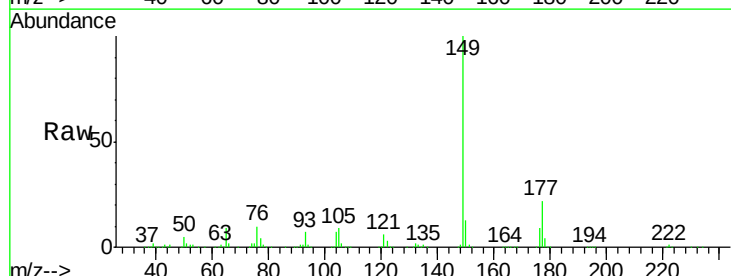
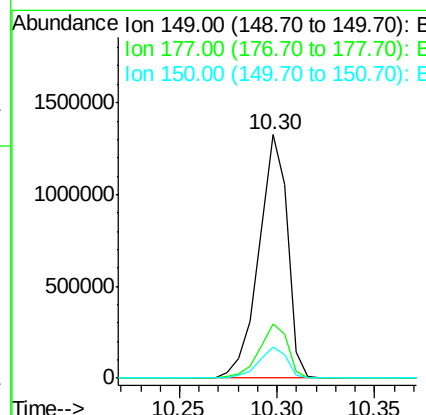
Manual Integrations  
 APPROVED

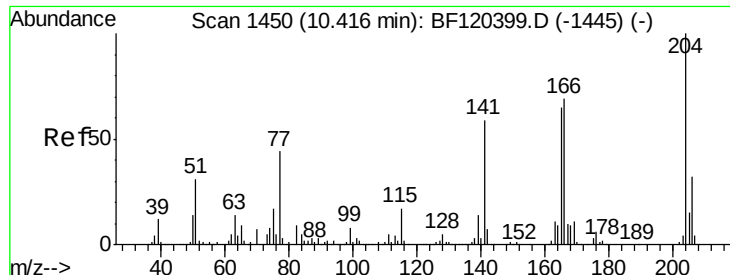
mohammad  
 6/4/2020 12:12:06 PM



#60  
 Diethylphthalate  
 Concen: 40.923 ng  
 RT: 10.30 min Scan# 1430  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1339609 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 22.1  | 17.7  | 26.5    |
| 150       | 12.7  | 10.2  | 15.2    |





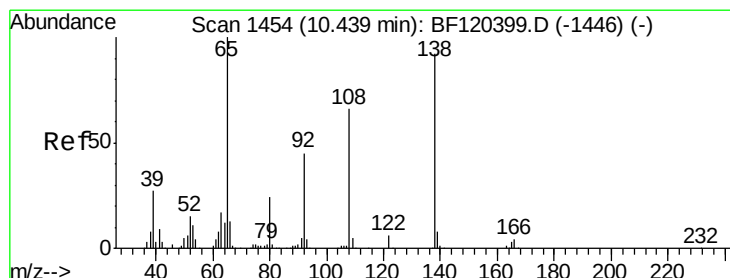
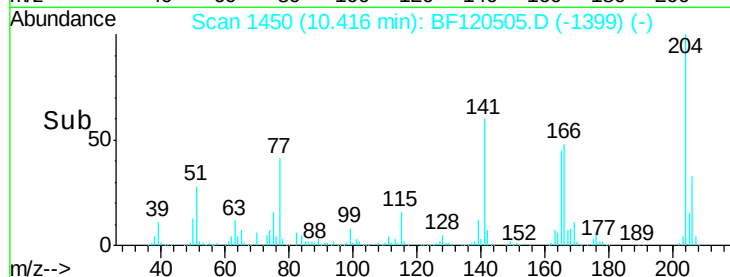
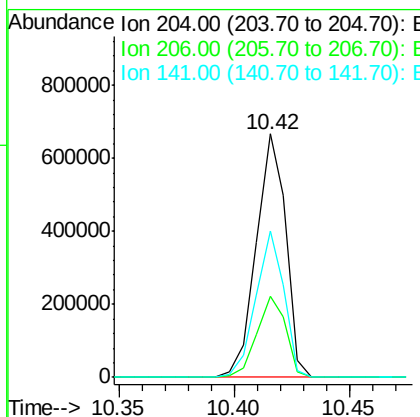
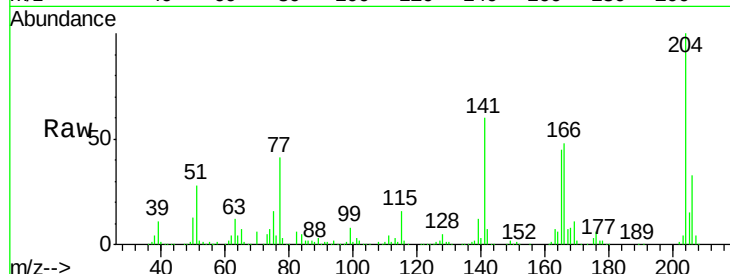
#61  
4-Chlorophenyl-phenylether  
Concen: 37.233 ng  
RT: 10.42 min Scan# 1450  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.1  | 26.5  | 39.7  |
| 141     | 60.2  | 48.2  | 72.2  |

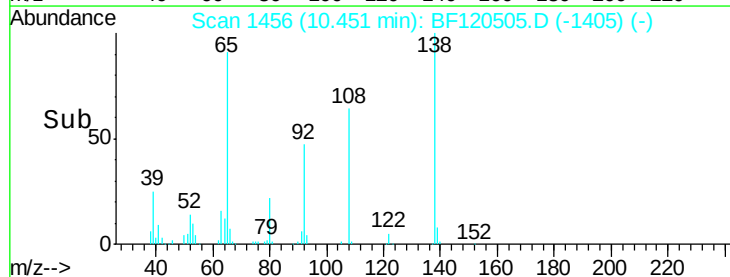
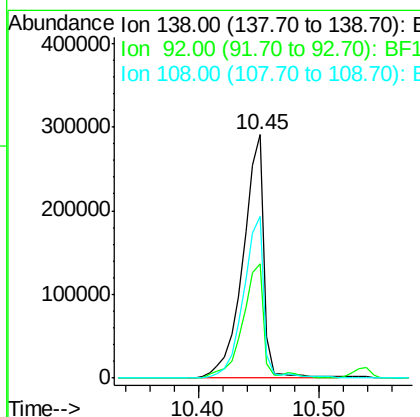
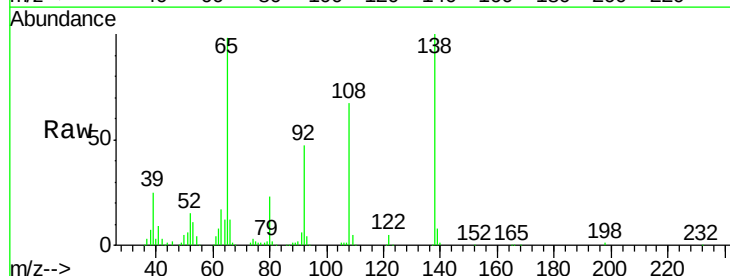
Manual Integrations  
APPROVED

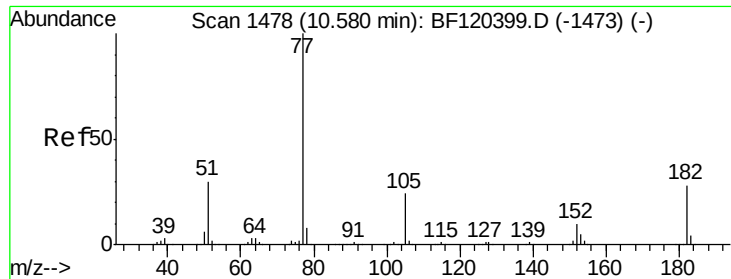
mohammad  
6/4/2020 12:12:06 PM



#62  
4-Nitroaniline  
Concen: 44.036 ng  
RT: 10.45 min Scan# 1456  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.7  | 26.7  | 66.7  |
| 108     | 66.5  | 46.5  | 86.5  |





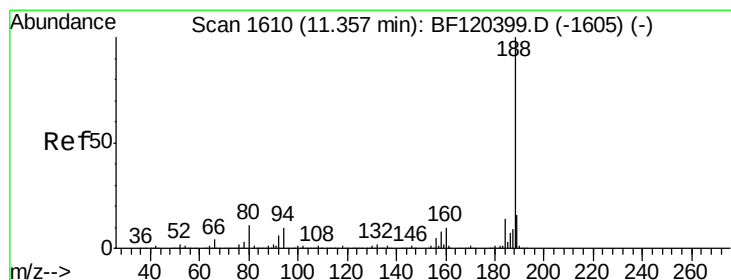
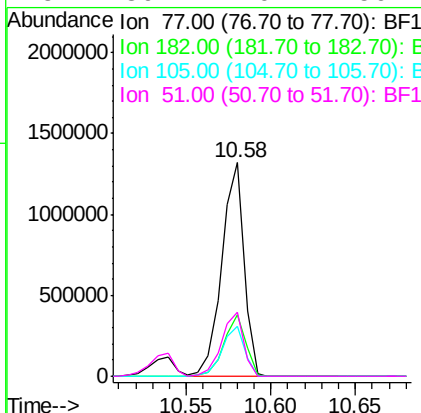
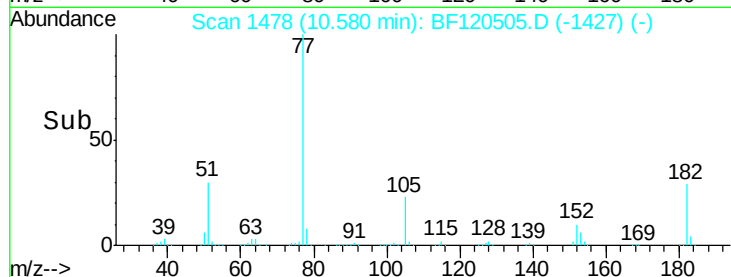
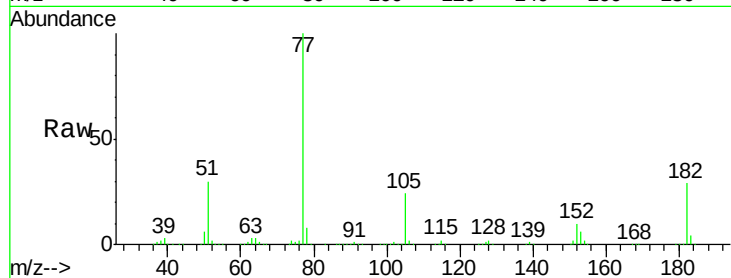
#63  
Azobenzene  
Concen: 39.193 ng  
RT: 10.58 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.6  | 8.6   | 48.6  |
| 105     | 23.6  | 3.6   | 43.6  |
| 51      | 30.1  | 10.1  | 50.1  |

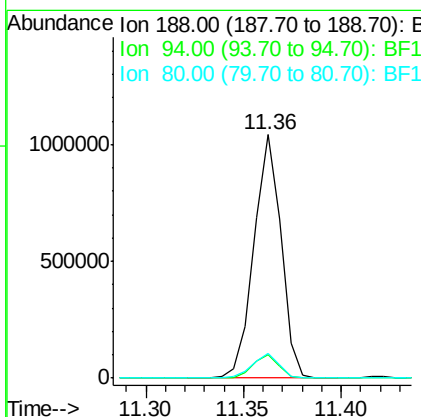
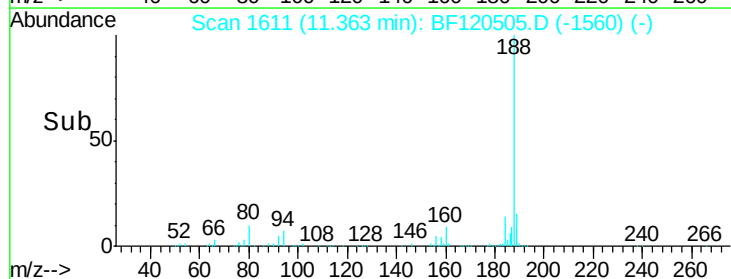
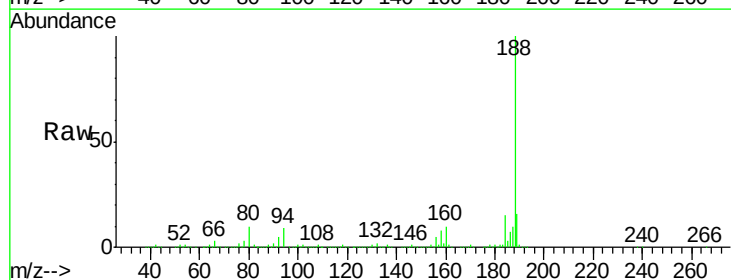
Manual Integrations  
APPROVED

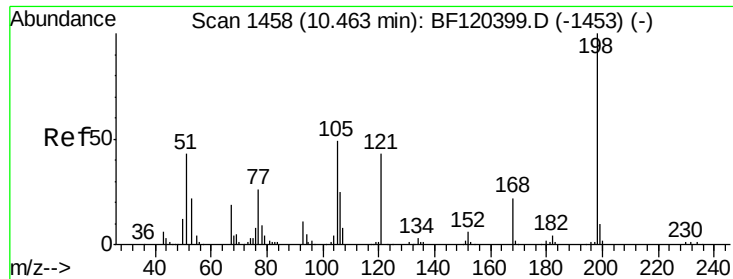
mohammad  
6/4/2020 12:12:06 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.36 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.4   | 7.5   | 11.3  |
| 80      | 9.9   | 7.9   | 11.9  |





#65

4,6-Dinitro-2-methylphenol

Concen: 60.048 ng

RT: 10.48 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 219736  
Ion Ratio Lower Upper

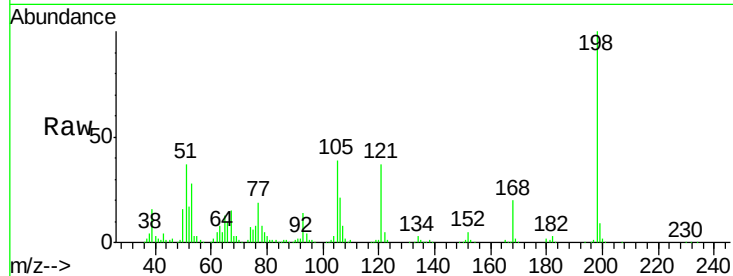
198 100

51 37.0 17.0 57.0

105 39.3 19.3 59.3

Manual Integrations  
APPROVED

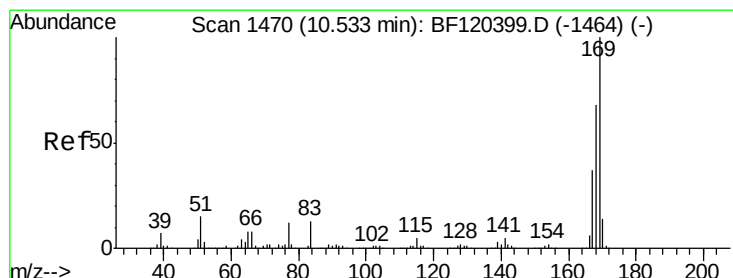
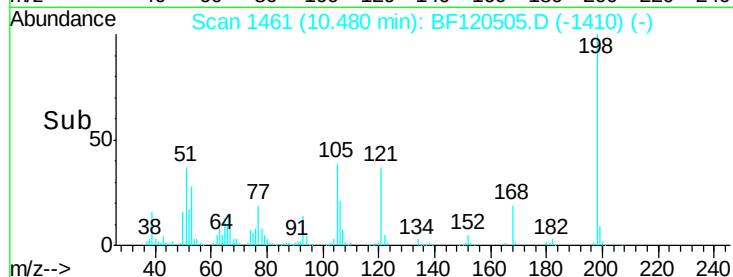
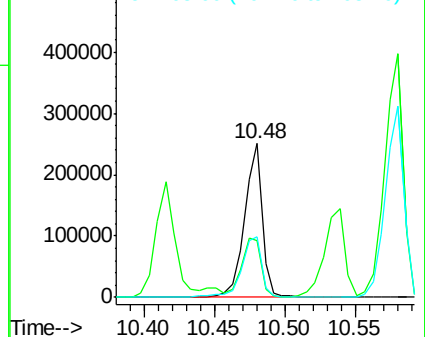
mohammad  
6/4/2020 12:12:06 PM



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: 39.864 ng

RT: 10.54 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BF120505.D

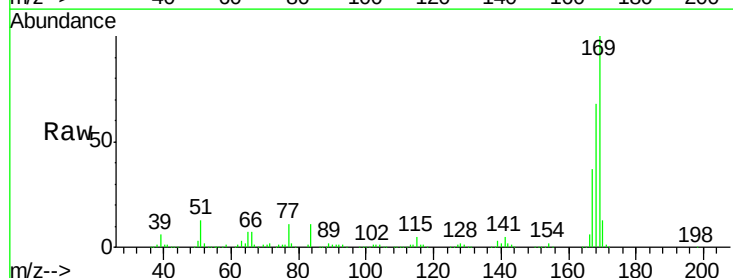
Acq: 3 Jun 2020 12:42

Tgt Ion:169 Resp: 1110950  
Ion Ratio Lower Upper

169 100

168 68.0 54.4 81.6

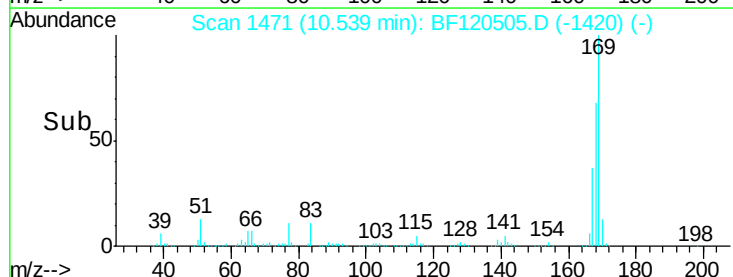
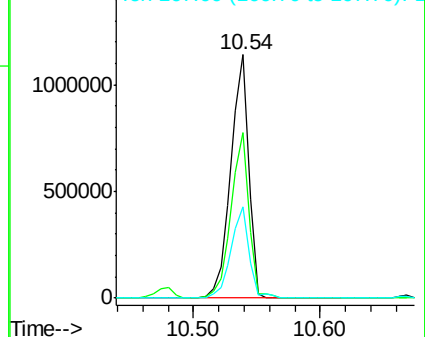
167 37.5 30.0 45.0

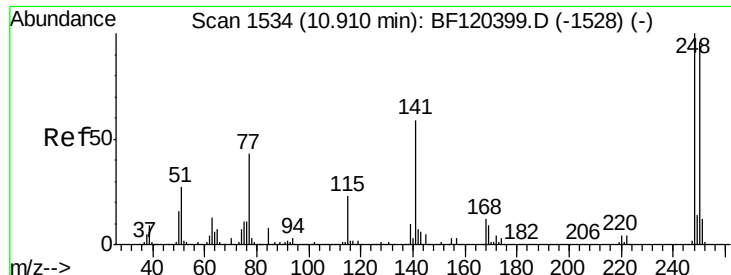


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





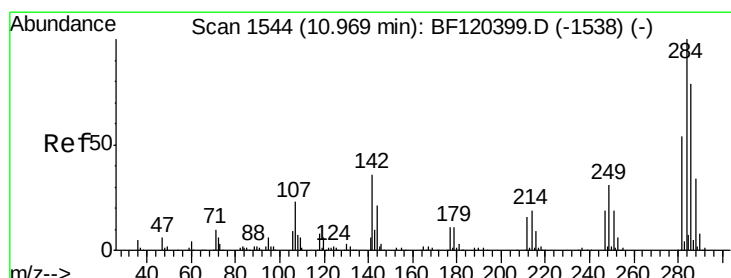
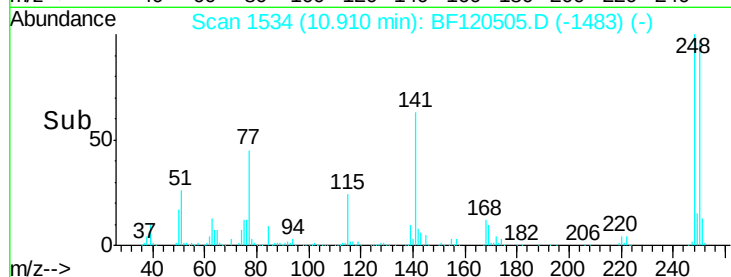
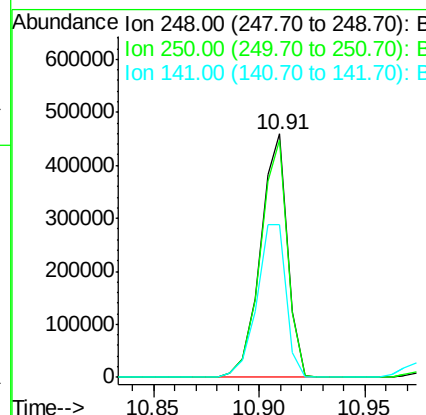
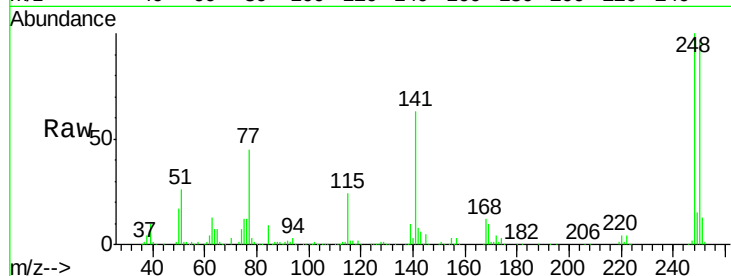
#67  
4-Bromophenyl-phenylether  
Concen: 40.522 ng  
RT: 10.91 min Scan# 1534  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.5  | 78.0  | 117.0 |
| 141     | 62.9  | 50.3  | 75.5  |

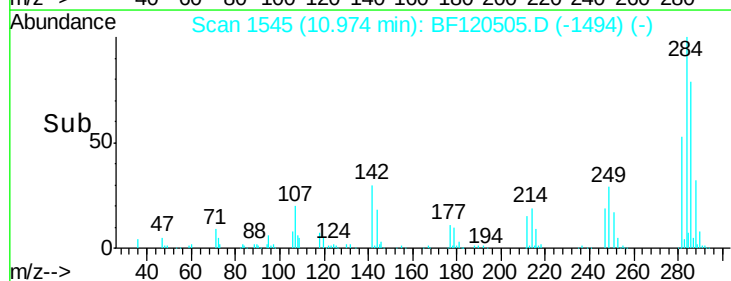
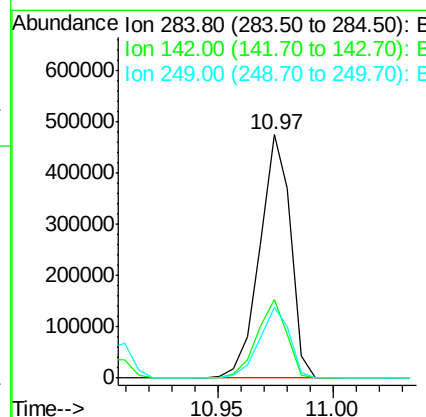
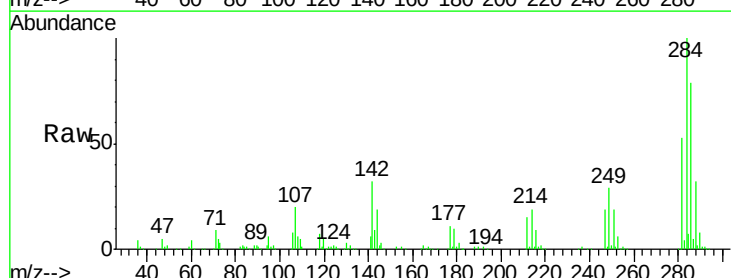
Manual Integrations  
APPROVED

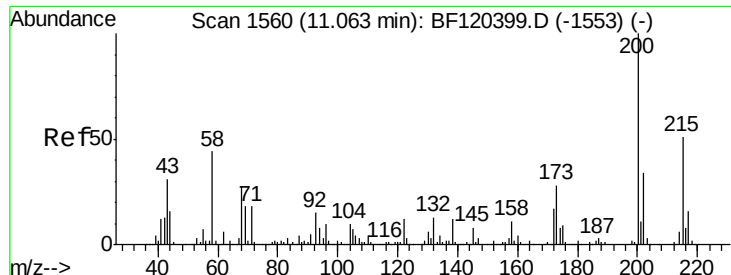
mohammad  
6/4/2020 12:12:06 PM



#68  
Hexachlorobenzene  
Concen: 41.074 ng  
RT: 10.97 min Scan# 1545  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.1  | 25.7  | 38.5  |
| 249     | 29.4  | 23.5  | 35.3  |





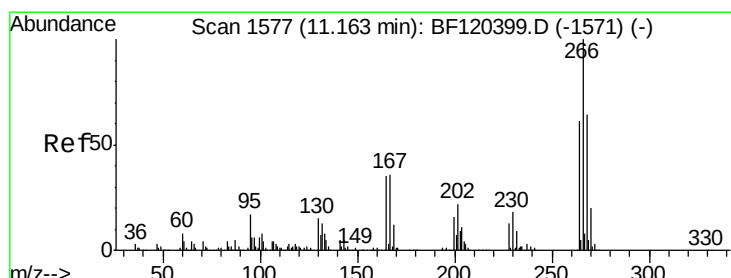
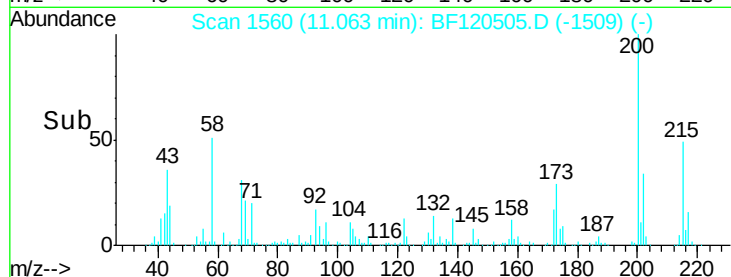
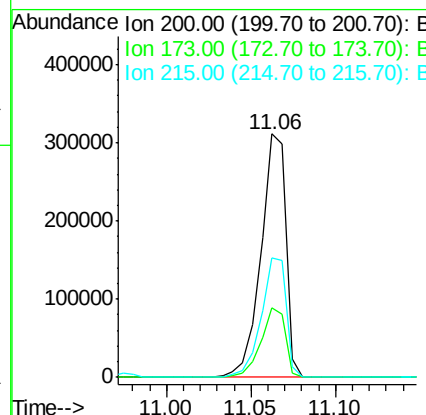
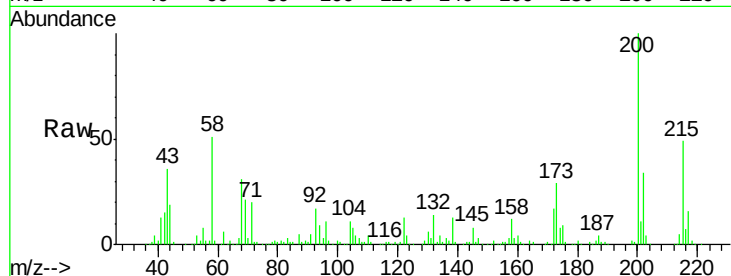
#69  
Atrazine  
Concen: 40.867 ng  
RT: 11.06 min Scan# 1560  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 28.7  | 8.7        | 48.7  |
| 215     | 49.0  | 29.0       | 69.0  |

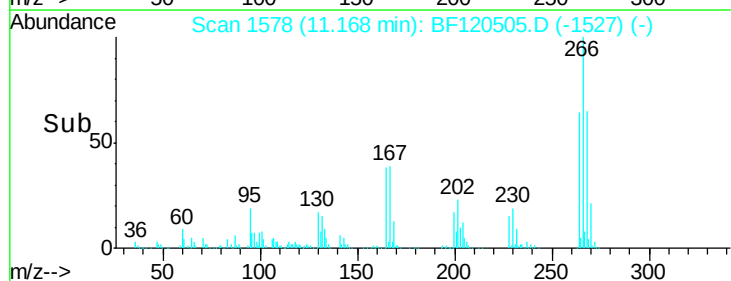
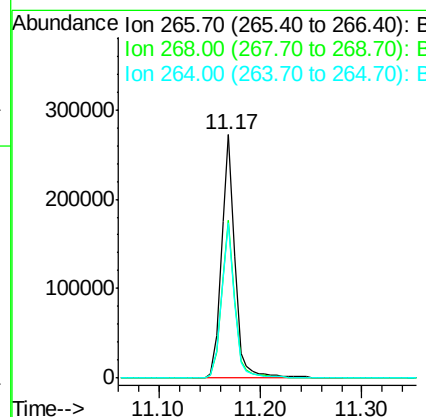
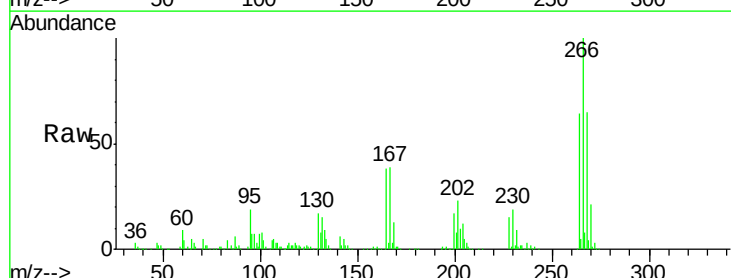
Manual Integrations  
APPROVED

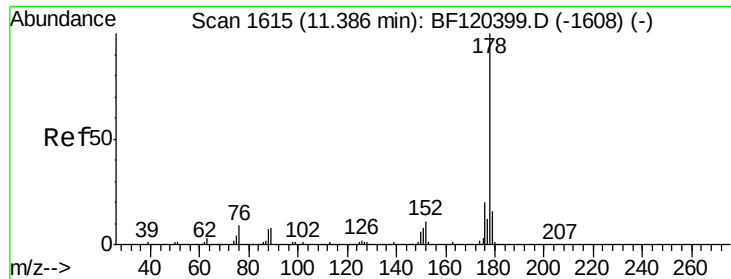
mohammad  
6/4/2020 12:12:06 PM



#70  
Pentachlorophenol  
Concen: 38.221 ng  
RT: 11.17 min Scan# 1578  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 64.8  | 51.8       | 77.8  |
| 264     | 63.8  | 51.0       | 76.6  |





#71

Phenanthrene

Concen: 38.955 ng

RT: 11.39 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1722076

Ion Ratio Lower Upper

178 100

176 20.7 16.6 24.8

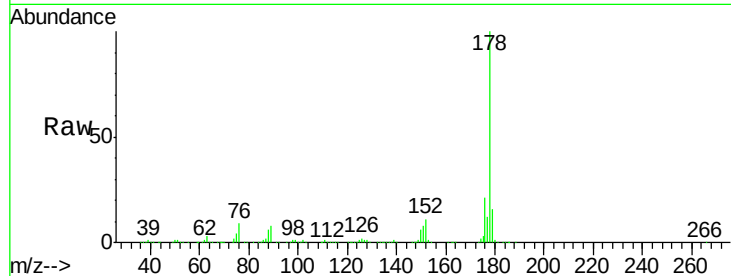
179 16.2 13.0 19.4

Manual Integrations

APPROVED

mohammad

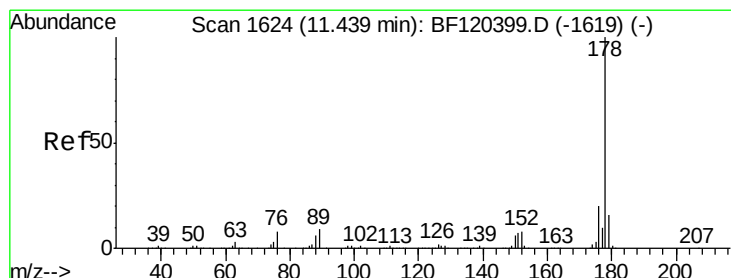
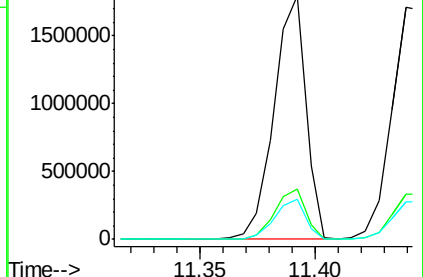
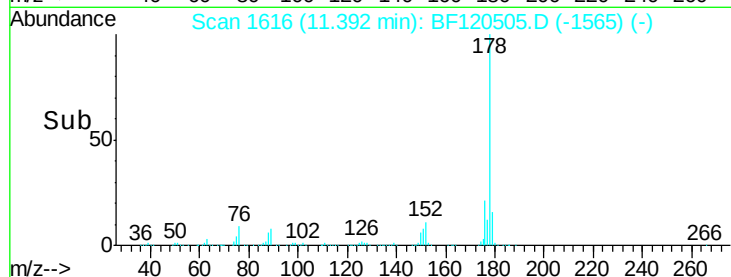
6/4/2020 12:12:06 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.559 ng

RT: 11.44 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

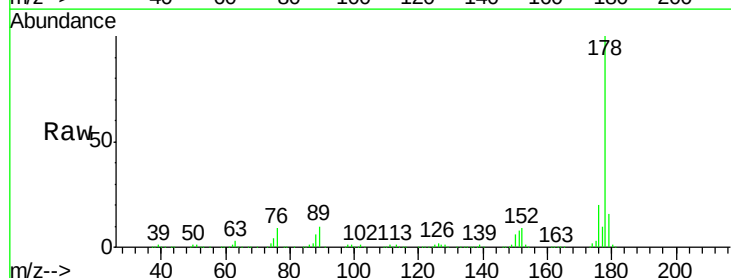
Tgt Ion:178 Resp: 1754603

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

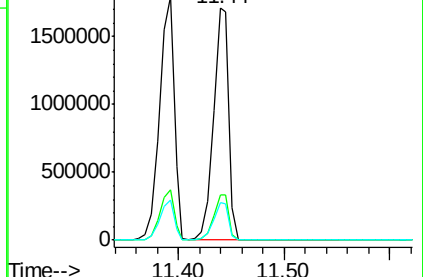
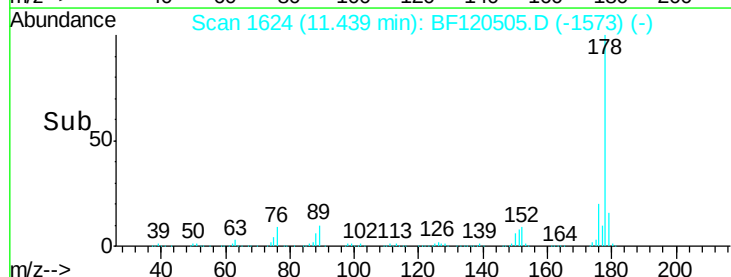
179 16.4 13.1 19.7



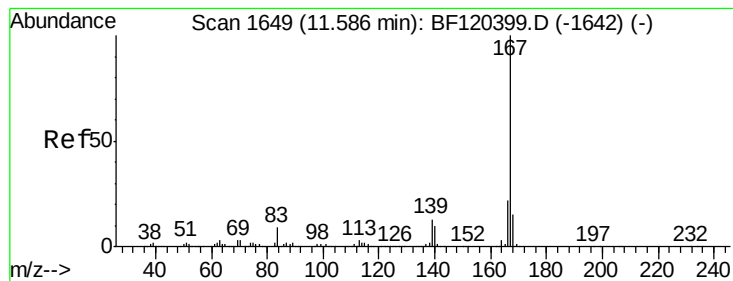
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 40.329 ng

RT: 11.60 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1730141

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.3  | 17.8  | 26.8  |
| 139 | 12.7  | 10.2  | 15.2  |

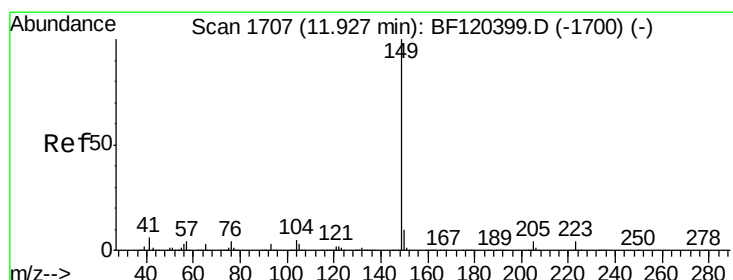
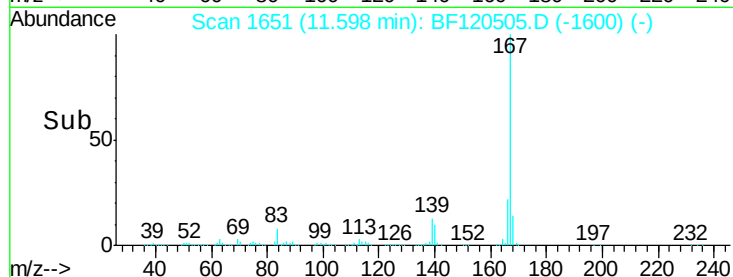
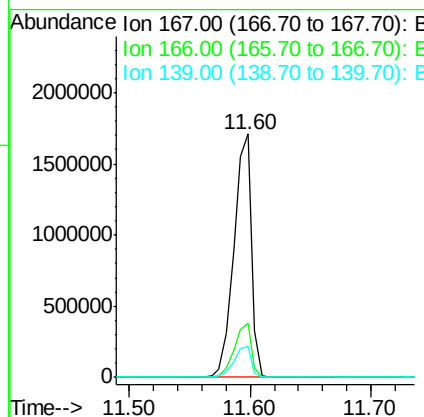
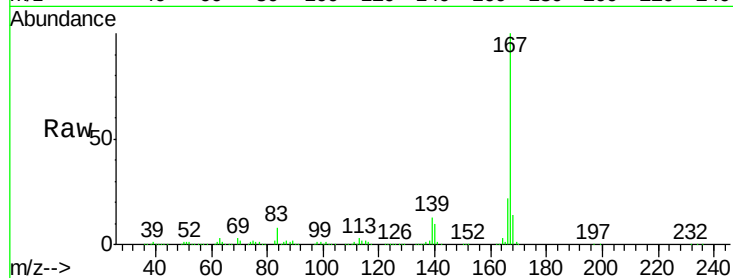
167 100

166 22.3 17.8 26.8

139 12.7 10.2 15.2

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM



#74

Di-n-butylphthalate

Concen: 40.546 ng

RT: 11.92 min Scan# 1706

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

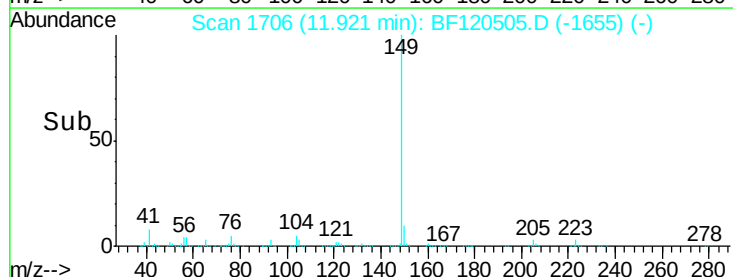
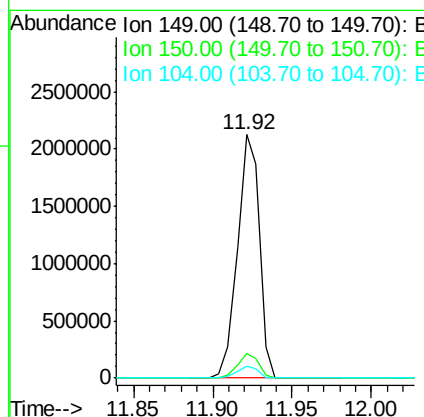
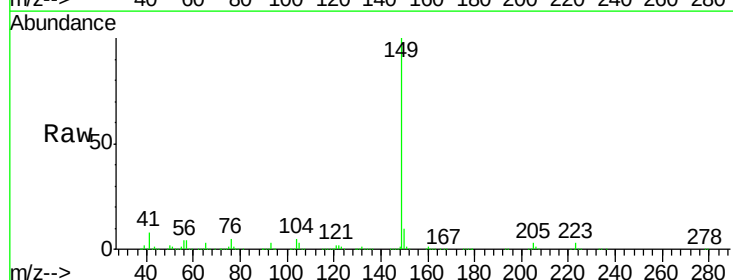
Tgt Ion:149 Resp: 2023436

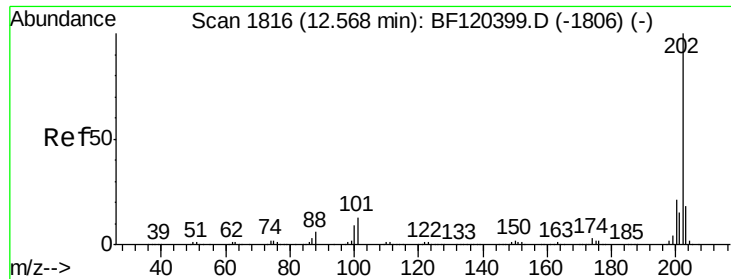
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.0  | 8.0   | 12.0  |
| 104 | 5.1   | 4.1   | 6.1   |

149 100

150 10.0 8.0 12.0

104 5.1 4.1 6.1





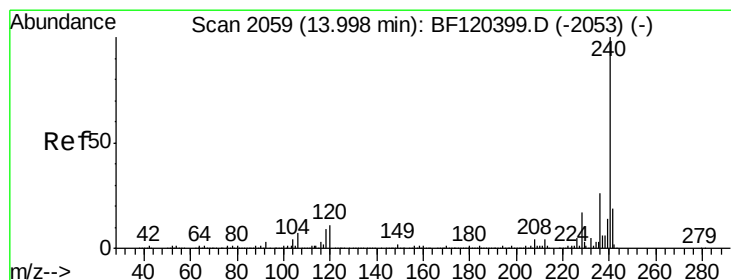
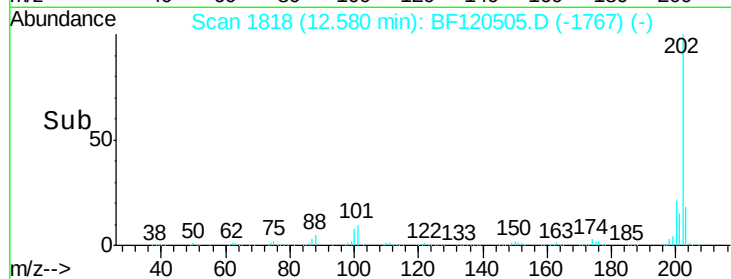
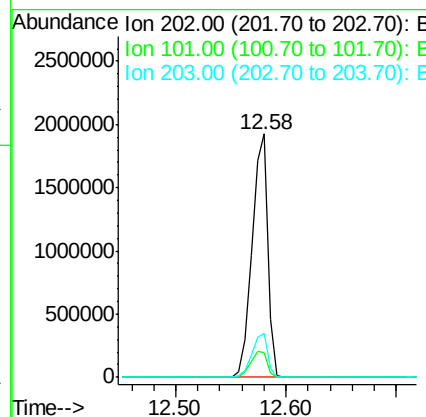
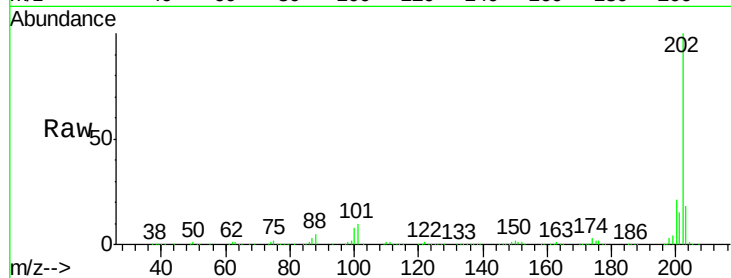
#75  
Fluoranthene  
Concen: 40.463 ng  
RT: 12.58 min Scan# 1818  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.4  | 0.0   | 30.4  |
| 203     | 18.2  | 0.0   | 38.2  |

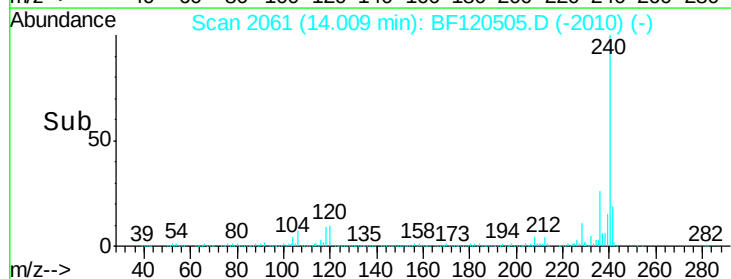
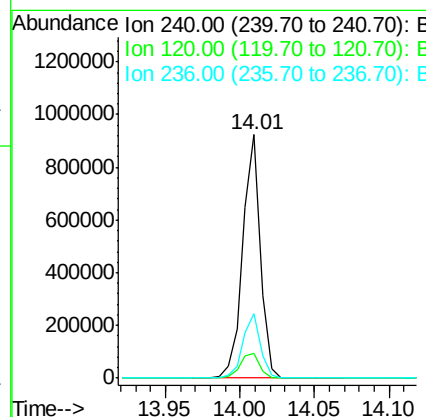
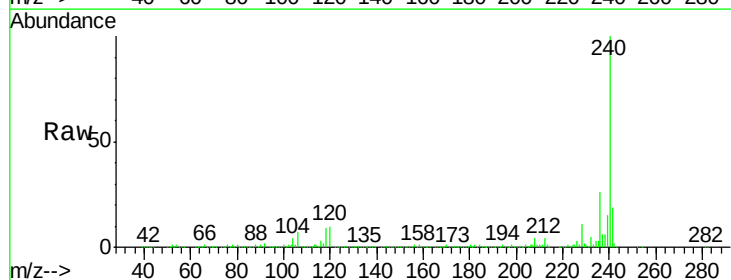
Manual Integrations  
APPROVED

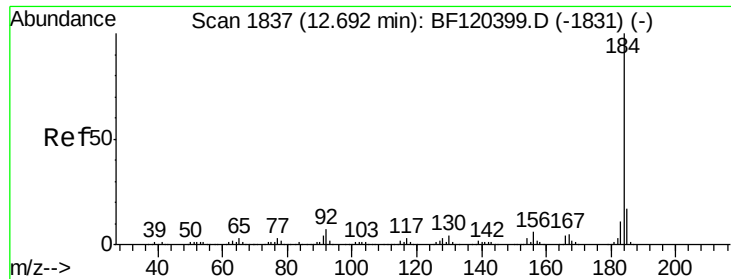
mohammad  
6/4/2020 12:12:06 PM



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.01 min Scan# 2061  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.9   | 7.9   | 11.9  |
| 236     | 26.4  | 21.1  | 31.7  |





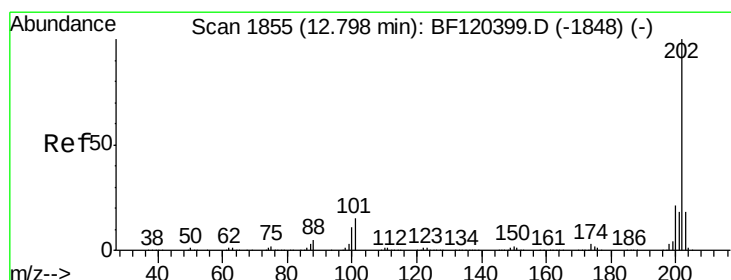
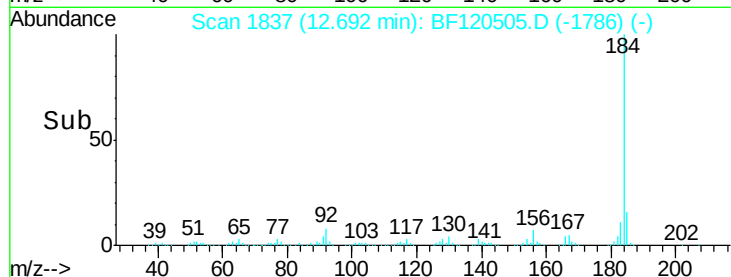
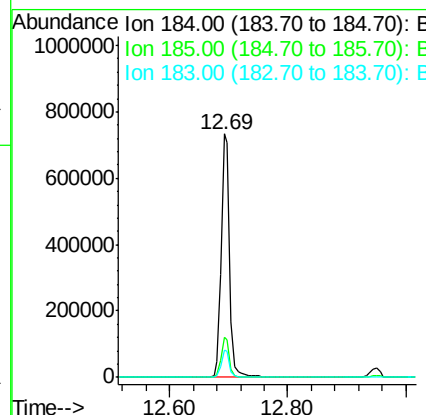
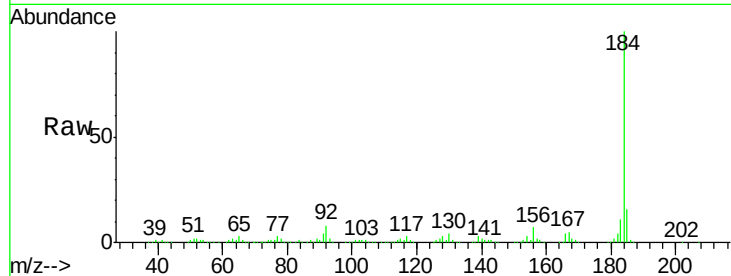
#77  
Benzidine  
Concen: 36.751 ng  
RT: 12.69 min Scan# 1837  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.5  | 13.2  | 19.8  |
| 183     | 11.4  | 9.1   | 13.7  |

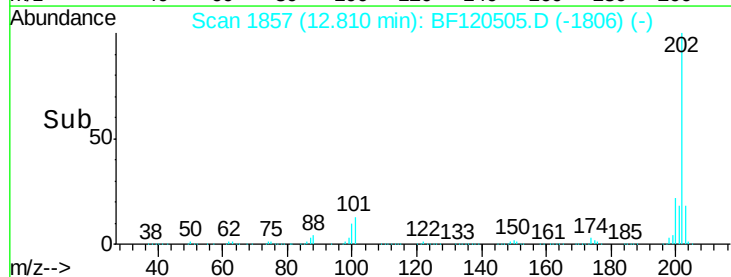
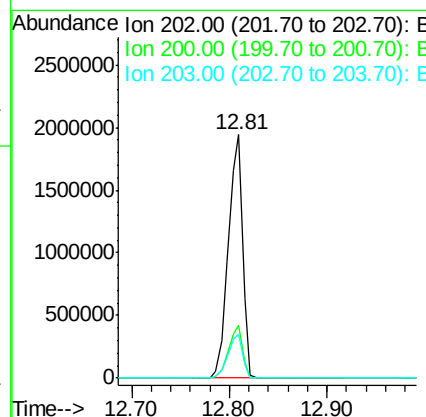
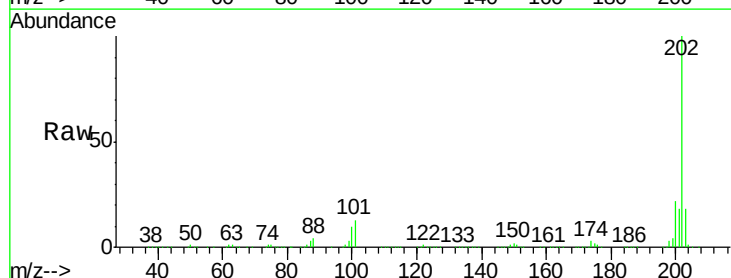
Manual Integrations  
APPROVED

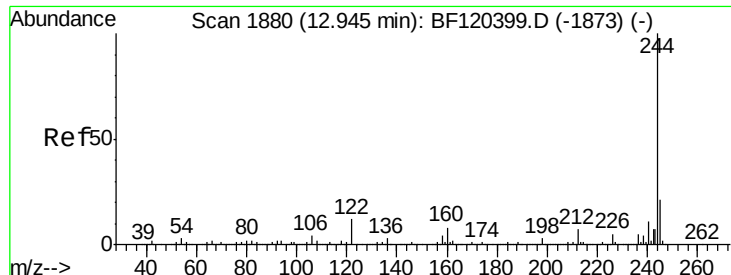
mohammad  
6/4/2020 12:12:06 PM



#78  
Pyrene  
Concen: 36.929 ng  
RT: 12.81 min Scan# 1857  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.6  | 17.3  | 25.9  |
| 203     | 18.1  | 14.5  | 21.7  |





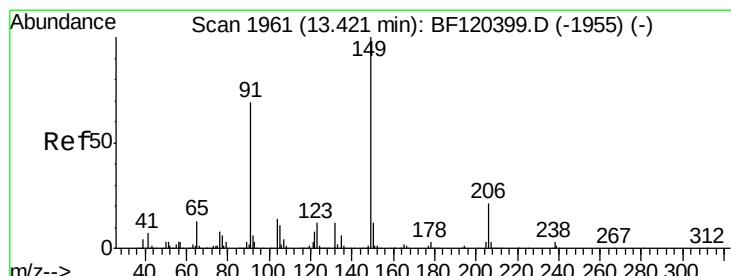
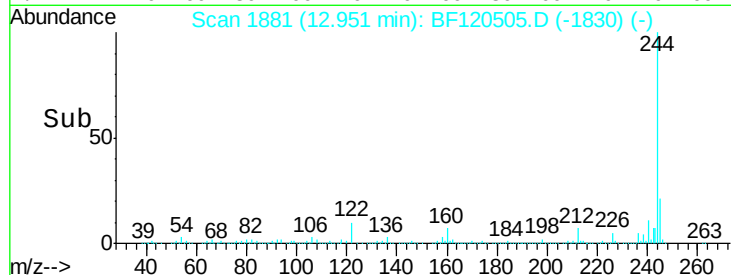
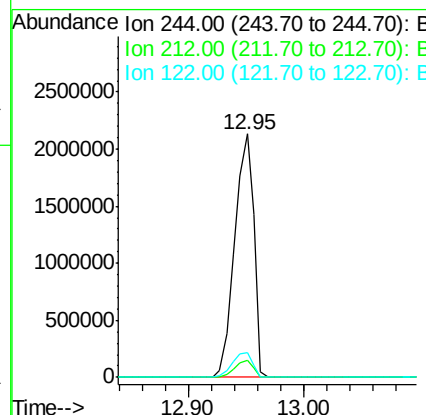
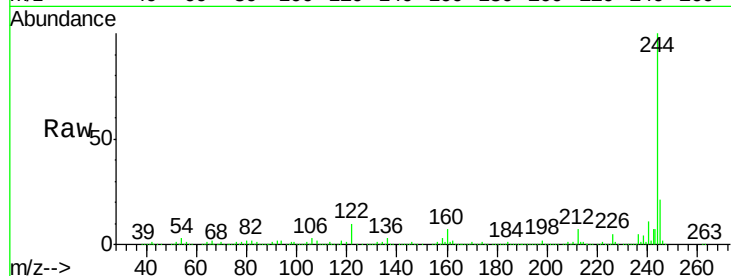
#79  
 Terphenyl-d14  
 Concen: 71.015 ng  
 RT: 12.95 min Scan# 1881  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 5.8   | 8.8   |
| 122     | 10.3  | 8.2   | 12.4  |

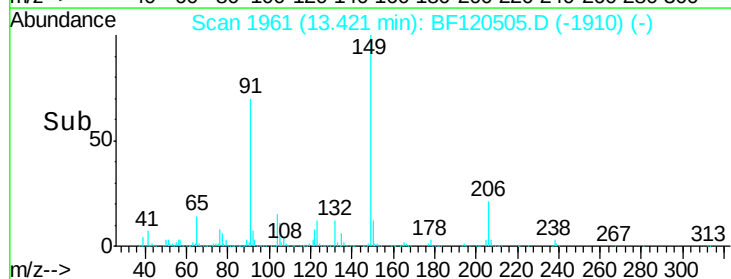
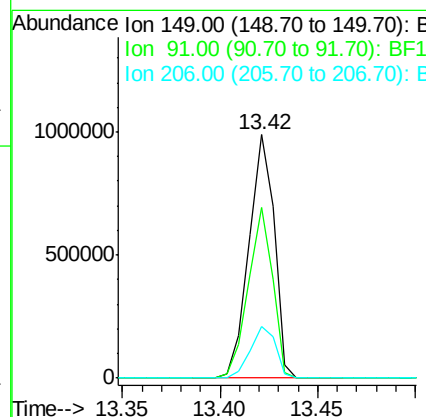
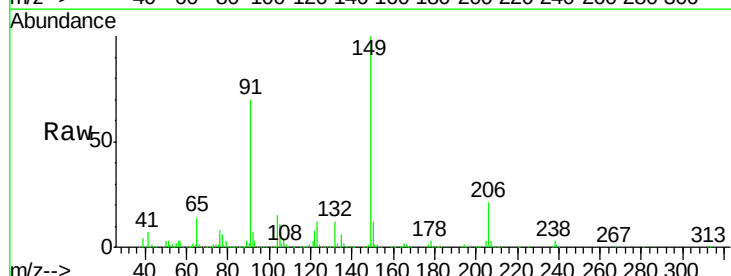
Manual Integrations  
 APPROVED

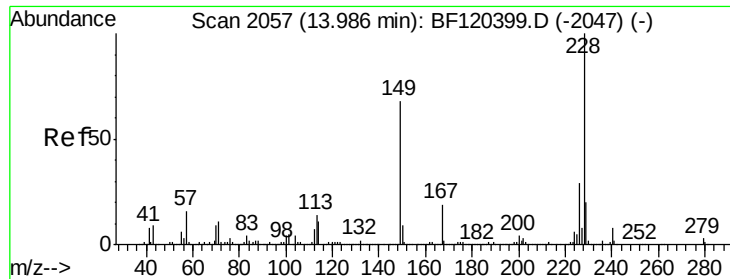
mohammad  
 6/4/2020 12:12:06 PM



#80  
 Butylbenzylphthalate  
 Concen: 40.004 ng  
 RT: 13.42 min Scan# 1961  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 70.2  | 56.2  | 84.2  |
| 206     | 21.0  | 16.8  | 25.2  |





#81

Benzo(a)anthracene

Concen: 40.833 ng

RT: 14.00 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1676661

Ion Ratio Lower Upper

228 100

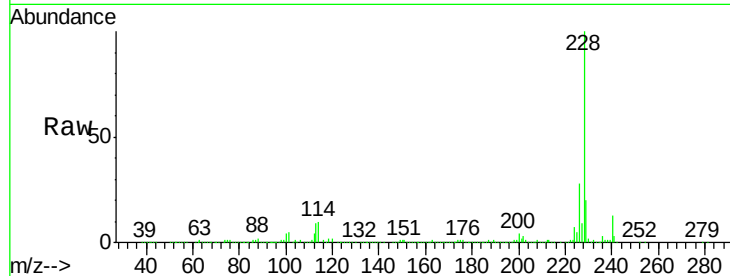
226 28.4 22.7 34.1

229 20.4 16.3 24.5

Manual Integrations  
APPROVED

mohammad

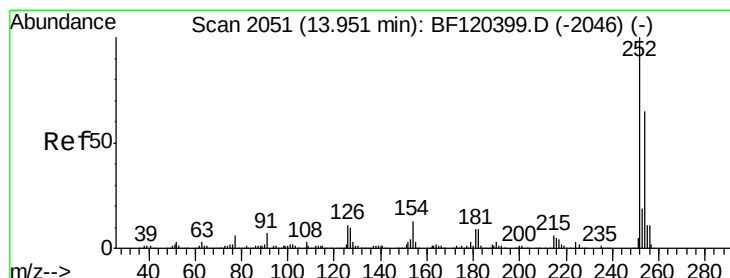
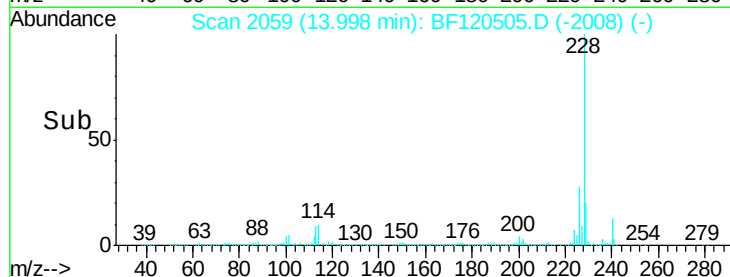
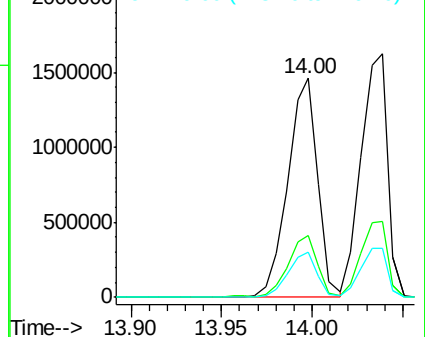
6/4/2020 12:12:06 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.278 ng

RT: 13.96 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

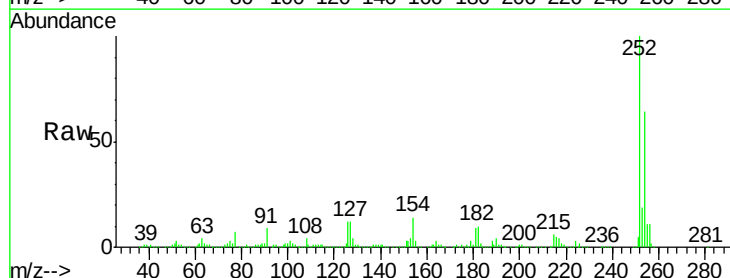
Tgt Ion:252 Resp: 630253

Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

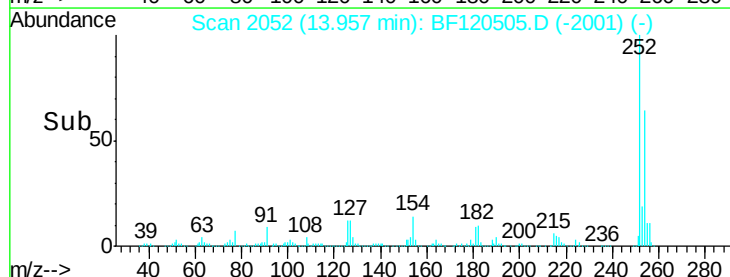
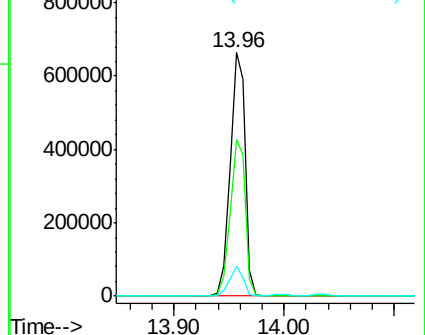
126 12.0 9.6 14.4

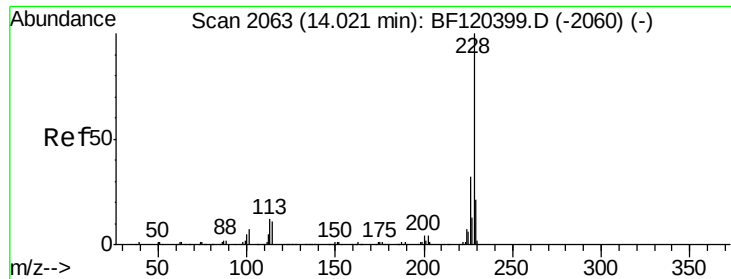


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





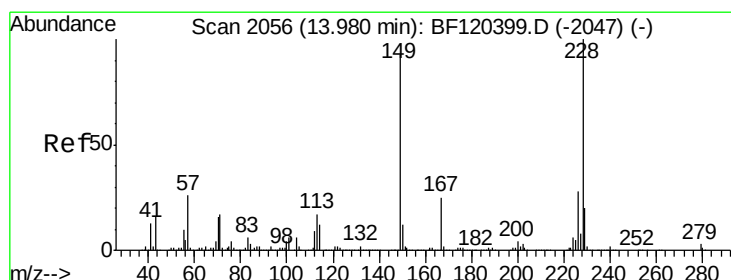
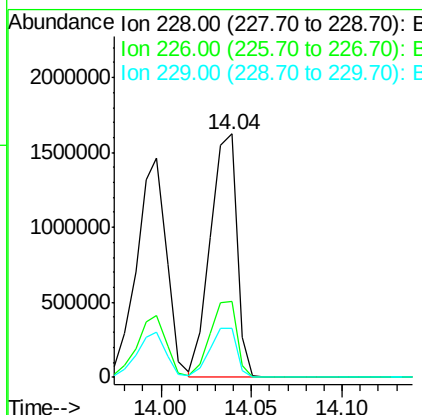
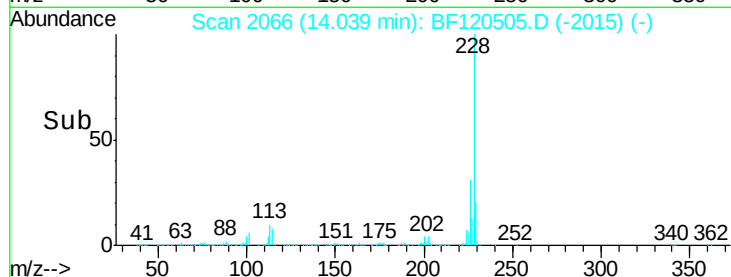
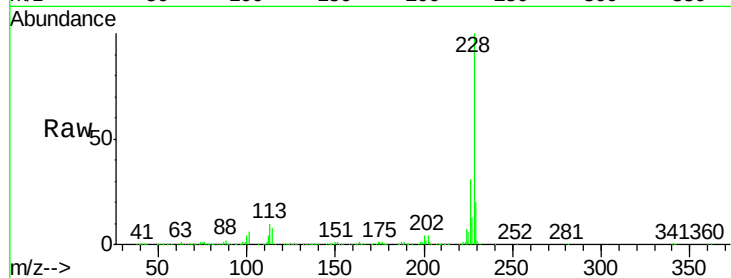
#83  
Chrysene  
Concen: 38.427 ng  
RT: 14.04 min Scan# 2066  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:228 Resp: 1654203  
Ion Ratio Lower Upper  
228 100  
226 31.5 25.2 37.8  
229 20.1 16.1 24.1

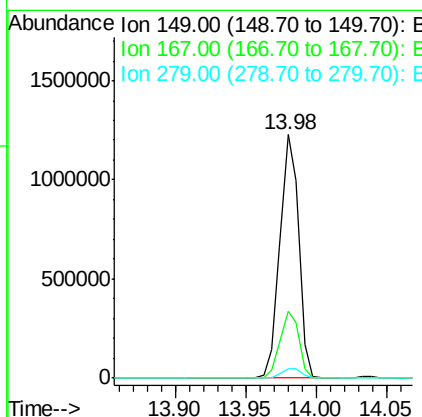
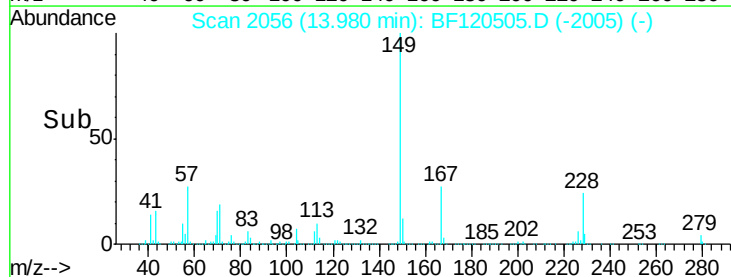
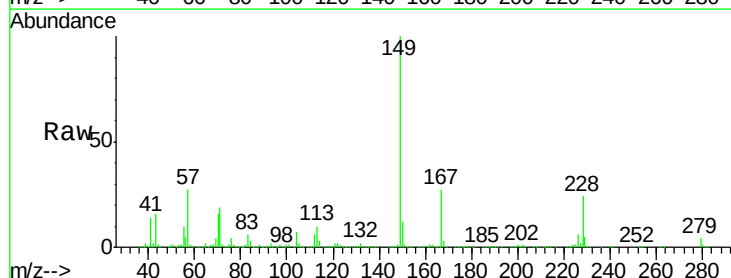
Manual Integrations  
APPROVED

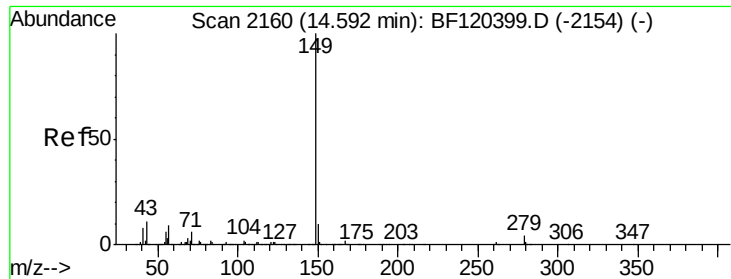
mohammad  
6/4/2020 12:12:06 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.730 ng  
RT: 13.98 min Scan# 2056  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Tgt Ion:149 Resp: 1141846  
Ion Ratio Lower Upper  
149 100  
167 27.5 22.0 33.0  
279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 44.826 ng

RT: 14.60 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2025292

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

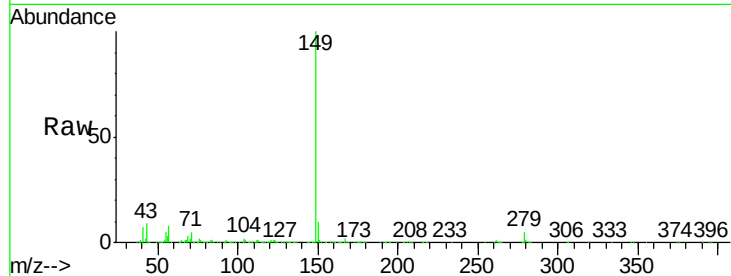
43 9.8 7.8 11.8

Manual Integrations

APPROVED

mohammad

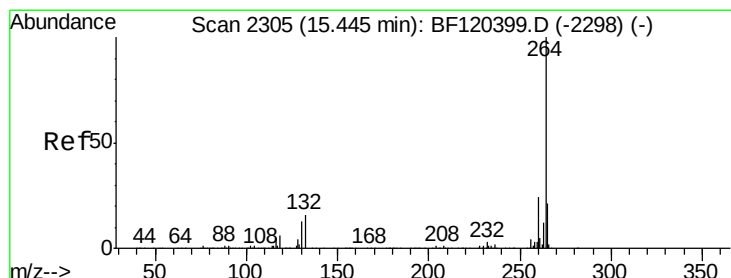
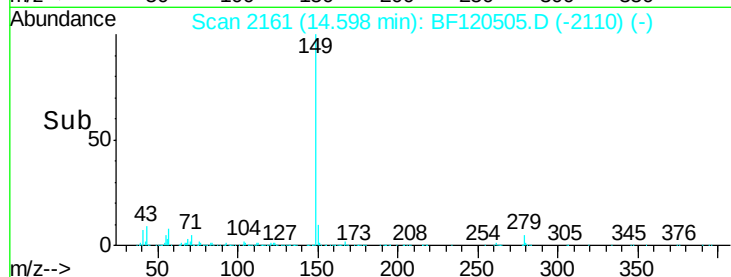
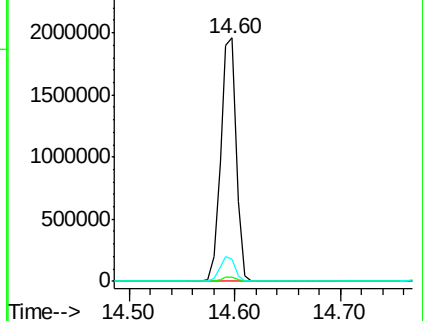
6/4/2020 12:12:06 PM



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2308

Delta R.T. 0.00 min

Lab File: BF120505.D

Acq: 3 Jun 2020 12:42

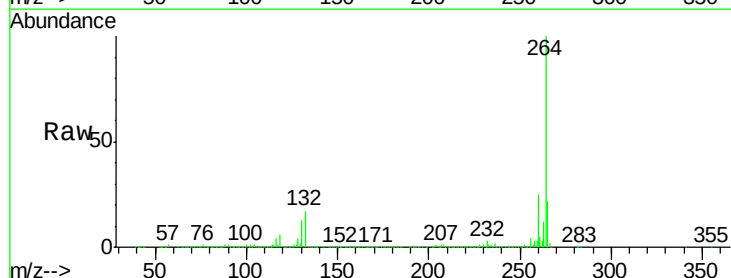
Tgt Ion:264 Resp: 835173

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

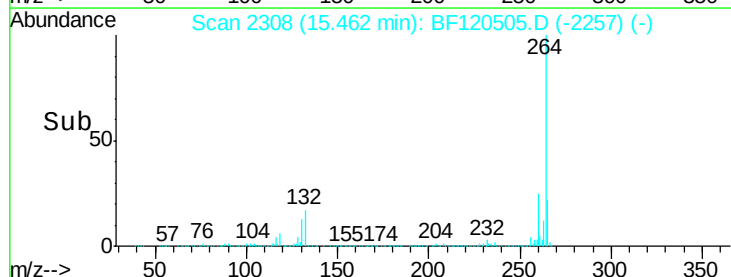
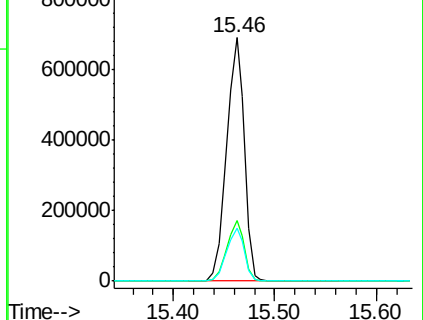
265 21.9 17.5 26.3

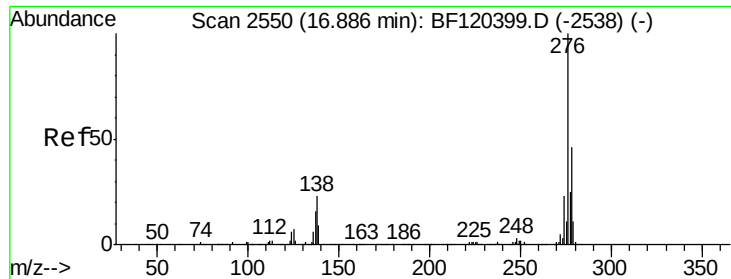


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





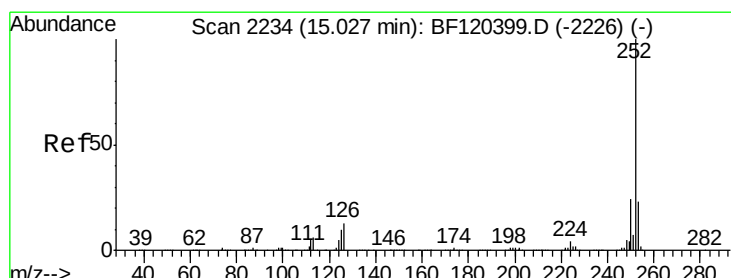
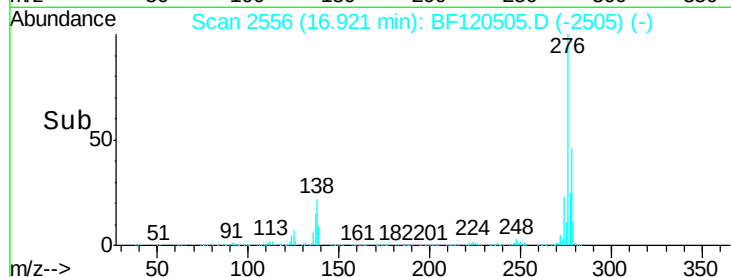
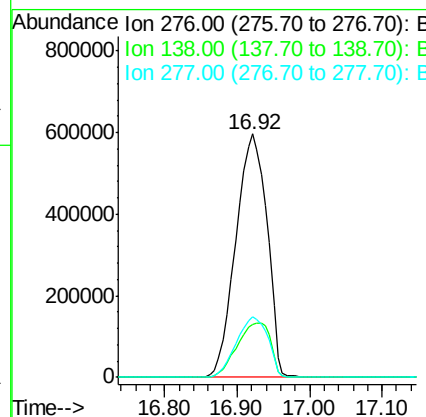
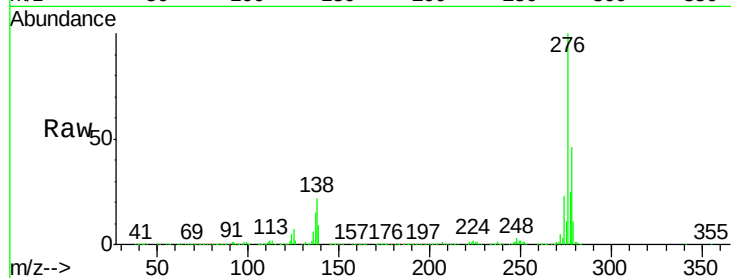
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.086 ng  
 RT: 16.92 min Scan# 2556  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 276     | 100  |       |       |       |
| 138     | 24.0 | 19.2  | 28.8  |       |
| 277     | 25.5 | 20.4  | 30.6  |       |

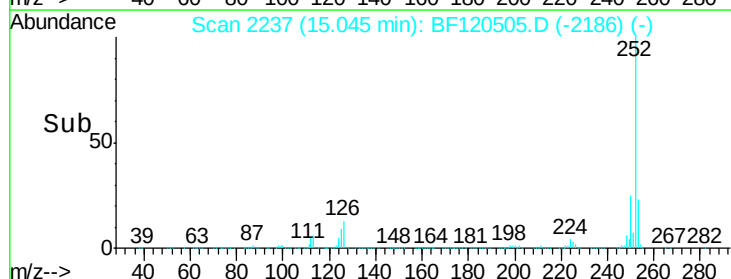
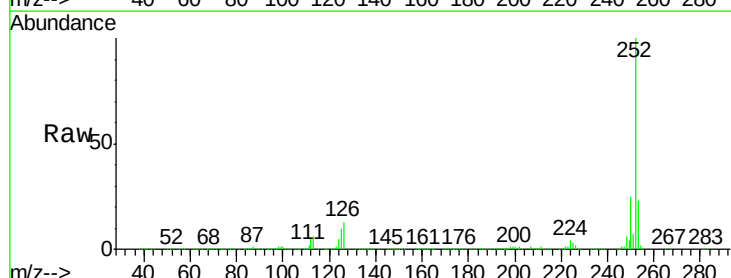
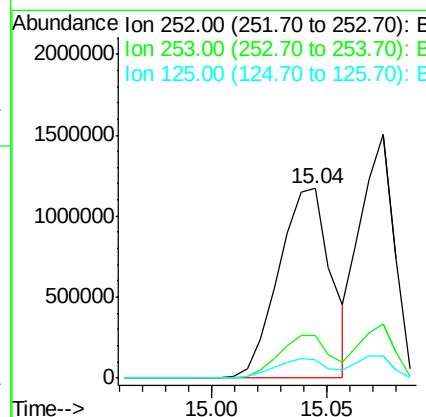
Manual Integrations  
 APPROVED

mohammad  
 6/4/2020 12:12:06 PM

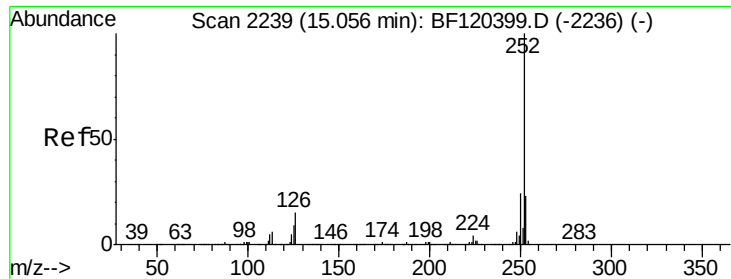


#88  
 Benzo(b)fluoranthene  
 Concen: 39.664 ng  
 RT: 15.04 min Scan# 2237  
 Delta R.T. 0.00 min  
 Lab File: BF120505.D  
 Acq: 3 Jun 2020 12:42

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 252     | 100  |       |       |       |
| 253     | 22.7 | 18.2  | 27.2  |       |
| 125     | 9.5  | 7.6   | 11.4  |       |







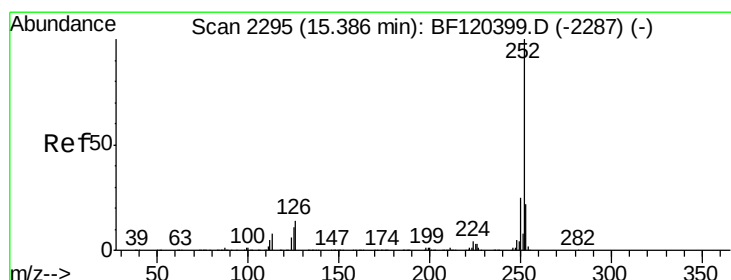
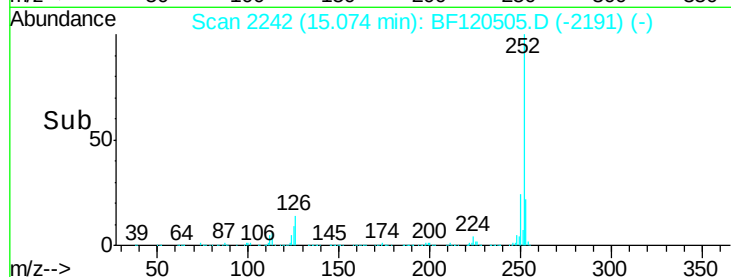
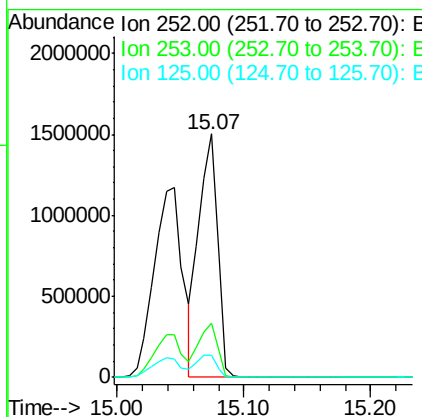
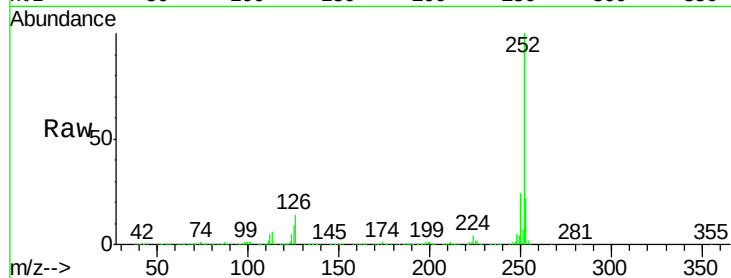
#89  
Benzo(k)fluoranthene  
Concen: 35.512 ng  
RT: 15.07 min Scan# 2242  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:252 Resp: 1537876  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 9.4 7.5 11.3

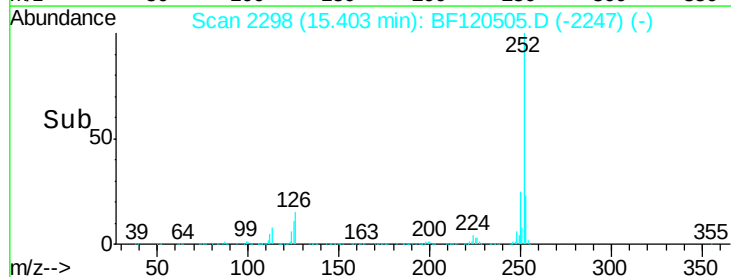
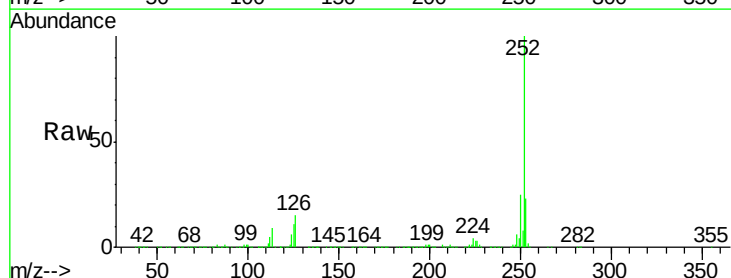
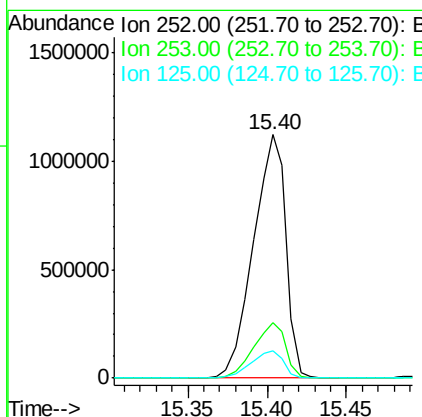
Manual Integrations  
APPROVED

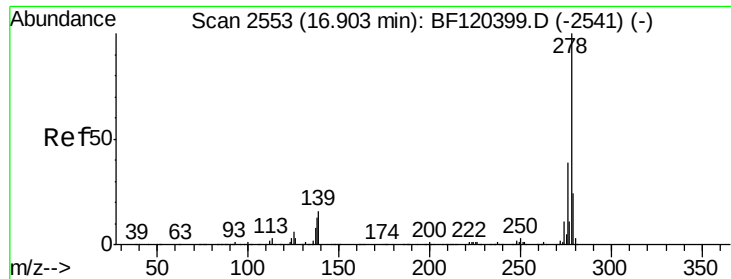
mohammad  
6/4/2020 12:12:06 PM



#90  
Benzo(a)pyrene  
Concen: 39.471 ng  
RT: 15.40 min Scan# 2298  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Tgt Ion:252 Resp: 1601558  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.0 27.0  
125 11.5 9.2 13.8





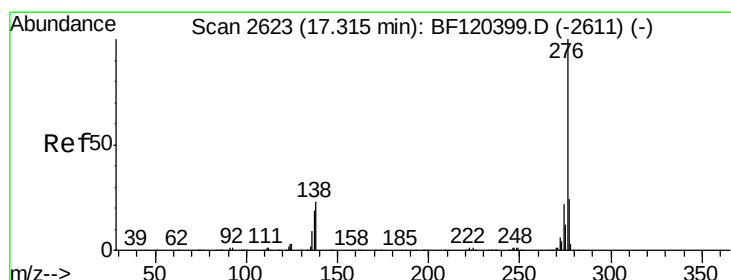
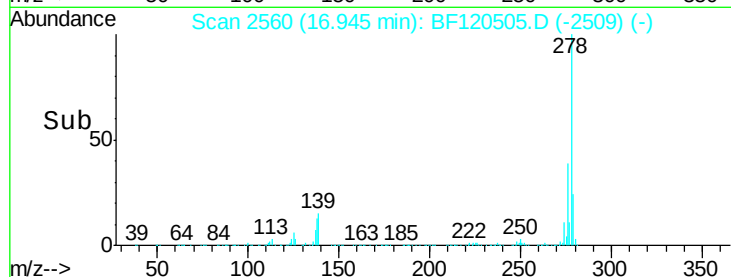
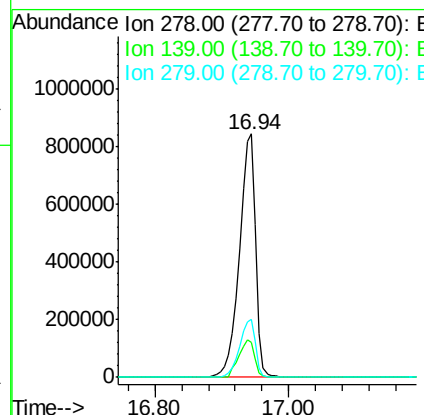
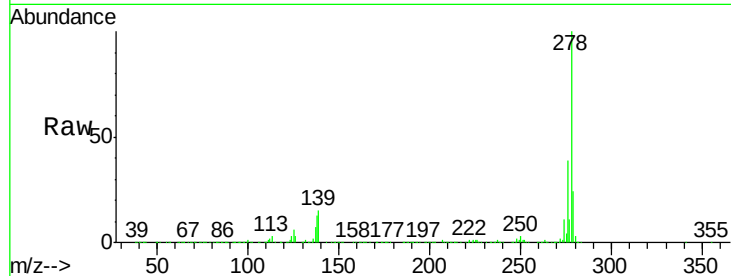
#91  
Dibenzo(a,h)anthracene  
Concen: 38.847 ng  
RT: 16.94 min Scan# 2560  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.5  | 11.6  | 17.4  |
| 279     | 24.0  | 19.2  | 28.8  |

Manual Integrations  
APPROVED

mohammad  
6/4/2020 12:12:06 PM



#92  
Benzo(g,h,i)perylene  
Concen: 38.780 ng  
RT: 17.36 min Scan# 2631  
Delta R.T. 0.00 min  
Lab File: BF120505.D  
Acq: 3 Jun 2020 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.3  | 19.4  | 29.2  |
| 138     | 20.8  | 16.6  | 25.0  |

