

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\  
 Data File : BG045974.D  
 Acq On : 8 Jul 2020 10:11  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 7/10/2020 11:45:31 AM

Quant Time: Jul 08 11:46:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 07 09:58:42 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 140772   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.81 | 136  | 538279   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.63 | 164  | 320733   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.37 | 188  | 657257   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.63 | 240  | 594321   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.79 | 264  | 615254   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.59  | 112 | 645459  | 74.36 | ng | 0.00 |
| 7) Phenol-d6             | 7.17  | 99  | 939750  | 75.19 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.16  | 82  | 820112  | 87.69 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.11 | 330 | 235038  | 78.96 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.26 | 172 | 1550428 | 75.40 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.99 | 244 | 2010032 | 75.27 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.51  | 88  | 146426  | 36.562 | ng | 97     |
| 3) Pyridine                    | 3.90  | 79  | 465179  | 38.414 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 164648  | 40.209 | ng | # 98   |
| 6) Aniline                     | 7.33  | 93  | 597392  | 37.366 | ng | 98     |
| 8) 2-Chlorophenol              | 7.57  | 128 | 345543  | 36.978 | ng | 98     |
| 9) Benzaldehyde                | 7.14  | 77  | 287828  | 36.350 | ng | 98     |
| 10) Phenol                     | 7.19  | 94  | 468178  | 37.345 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 392997  | 37.909 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 396289  | 36.792 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 388258  | 36.643 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 368994  | 36.184 | ng | 98     |
| 15) Benzyl Alcohol             | 8.24  | 79  | 362295  | 36.971 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 513426  | 37.959 | ng | 98     |
| 17) 2-Methylphenol             | 8.44  | 107 | 347703  | 36.962 | ng | 96     |
| 18) Hexachloroethane           | 9.10  | 117 | 150239  | 36.851 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 326183  | 37.152 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.77  | 107 | 478809  | 37.347 | ng | 99     |
| 22) Acetophenone               | 8.82  | 105 | 536312  | 37.295 | ng | 98     |
| 24) Nitrobenzene               | 9.20  | 77  | 447832  | 43.386 | ng | 97     |
| 25) Isophorone                 | 9.73  | 82  | 866628  | 37.960 | ng | 99     |
| 26) 2-Nitrophenol              | 9.91  | 139 | 159774  | 47.489 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.97  | 122 | 298385  | 36.718 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93  | 484827  | 37.818 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.45 | 162 | 317195  | 37.706 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 344513  | 36.961 | ng | 99     |
| 31) Naphthalene                | 10.85 | 128 | 1081806 | 37.490 | ng | 99     |
| 32) Benzoic acid               | 10.10 | 122 | 201602  | 41.621 | ng | 94     |
| 33) 4-Chloroaniline            | 10.95 | 127 | 477862  | 37.059 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 200414  | 36.825 | ng | 97     |
| 35) Caprolactam                | 11.71 | 113 | 118202  | 37.008 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.07 | 107 | 357478  | 37.310 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 771970  | 37.634 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.68 | 142 | 727926  | 37.602 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 338945  | 37.489 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\  
 Data File : BG045974.D  
 Acq On : 8 Jul 2020 10:11  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

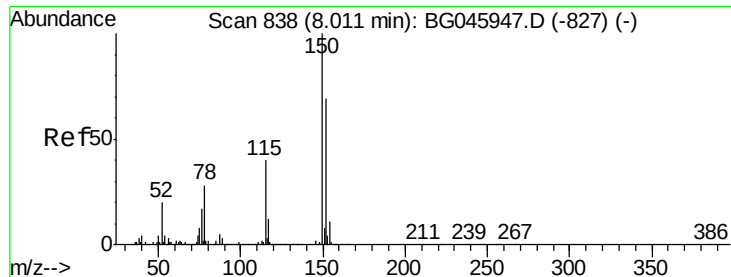
mohammad  
 7/10/2020 11:45:31 AM

Quant Time: Jul 08 11:46:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 07 09:58:42 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.82 | 237  | 199014   | 37.097 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.06 | 196  | 239174   | 39.115 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.13 | 196  | 267393   | 38.677 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.47 | 154  | 900709   | 37.331 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.50 | 162  | 709887   | 37.290 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.70 | 65   | 249166   | 46.780 | nq    | 98       |
| 49) Acenaphthylene             | 14.35 | 152  | 1137767  | 37.043 | nq    | 99       |
| 50) Dimethylphthalate          | 14.09 | 163  | 889594   | 36.958 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.19 | 165  | 186589   | 43.662 | nq    | 99       |
| 52) Acenaphthene               | 14.69 | 154  | 733954   | 37.885 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.52 | 138  | 225144   | 42.954 | nq    | # 93     |
| 54) 2,4-Dinitrophenol          | 14.72 | 184  | 66481    | 44.236 | nq    | # 77     |
| 55) Dibenzofuran               | 15.03 | 168  | 1056756  | 37.211 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.82 | 139  | 176309   | 44.959 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 14.98 | 165  | 253048   | 45.983 | nq    | 95       |
| 58) Fluorene                   | 15.68 | 166  | 861444   | 36.977 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 212343m  | 39.781 | nq    |          |
| 60) Diethylphthalate           | 15.45 | 149  | 921686   | 36.512 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 428923   | 37.008 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.68 | 138  | 232250   | 46.685 | nq    | 93       |
| 63) Azobenzene                 | 15.97 | 77   | 1026722  | 37.896 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.74 | 198  | 100842   | 45.047 | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.88 | 169  | 760321   | 37.331 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.56 | 248  | 272579   | 37.133 | nq    | 95       |
| 68) Hexachlorobenzene          | 16.69 | 284  | 270715   | 36.751 | nq    | 98       |
| 69) Atrazine                   | 16.83 | 200  | 223384   | 37.096 | nq    | 98       |
| 70) Pentachlorophenol          | 17.02 | 266  | 169482   | 41.383 | nq    | 98       |
| 71) Phenanthrene               | 17.42 | 178  | 1304576  | 37.545 | nq    | 98       |
| 72) Anthracene                 | 17.50 | 178  | 1313903  | 37.260 | nq    | 99       |
| 73) Carbazole                  | 17.77 | 167  | 1328152  | 37.576 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 1583225  | 37.067 | nq    | 99       |
| 75) Fluoranthene               | 19.42 | 202  | 1525271  | 37.972 | nq    | 99       |
| 77) Benzidine                  | 19.60 | 184  | 605071   | 35.607 | nq    | 99       |
| 78) Pyrene                     | 19.78 | 202  | 1545623  | 38.099 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 751471   | 39.198 | nq    | 97       |
| 81) Benzo(a)anthracene         | 21.61 | 228  | 1446073  | 37.004 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.53 | 252  | 534850   | 37.039 | nq    | 99       |
| 83) Chrysene                   | 21.68 | 228  | 1386840  | 37.252 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 1058431  | 38.034 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.76 | 149  | 1811483  | 37.511 | nq    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 28.37 | 276  | 1735266  | 38.553 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 23.79 | 252  | 1523154  | 38.998 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.86 | 252  | 1429860  | 38.718 | nq    | 100      |
| 90) Benzo(a)pyrene             | 24.64 | 252  | 1421101  | 38.694 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.44 | 278  | 1380202  | 38.018 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.49 | 276  | 1378462  | 37.731 | nq    | 99       |

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





#1

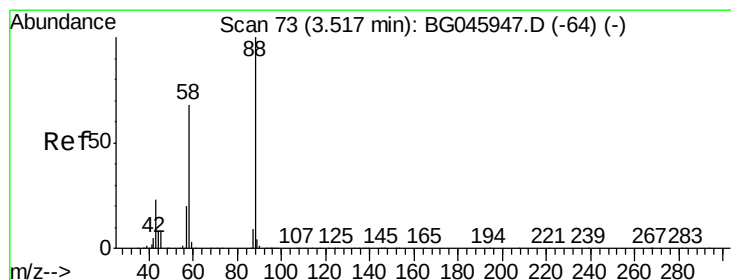
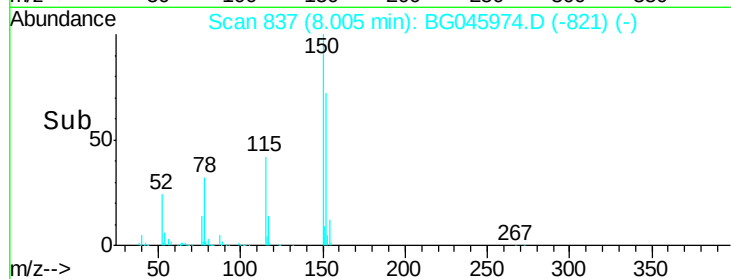
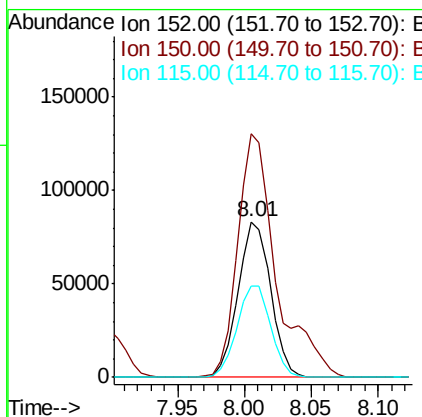
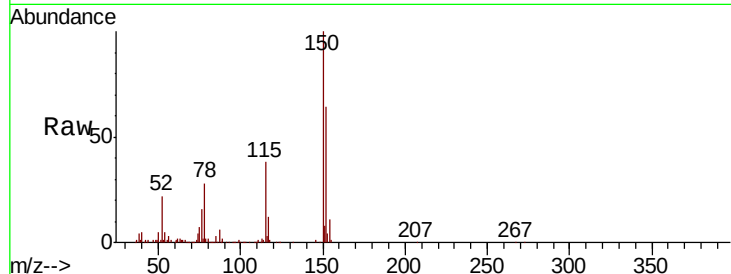
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 837  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.2 | 116.7 | 175.1 |
| 115     | 58.6  | 47.4  | 71.0  |

Manual Integrations  
APPROVED

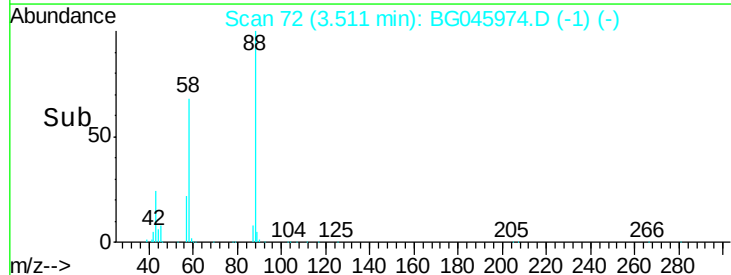
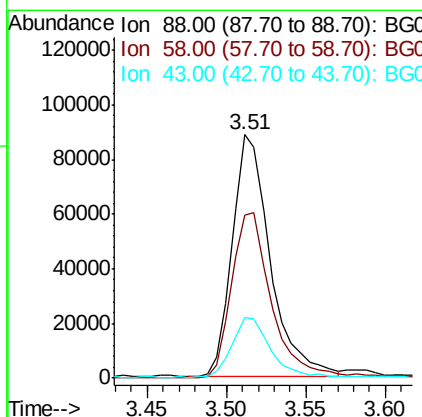
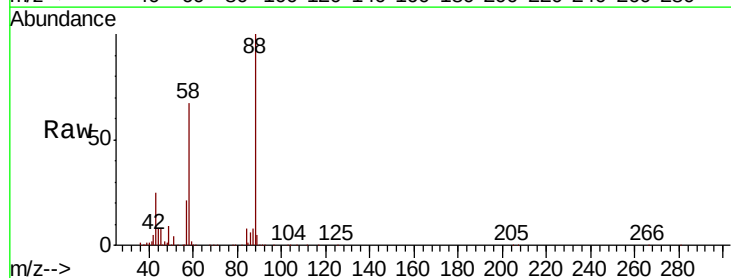
mohammad  
7/10/2020 11:45:31 AM

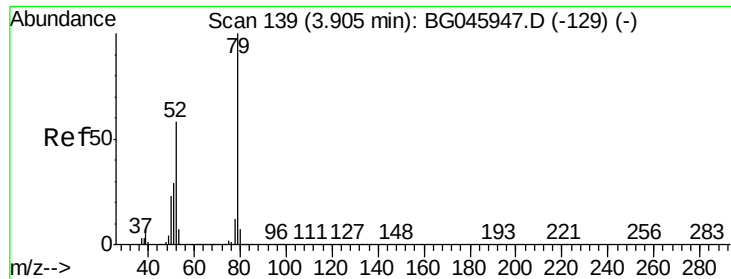


#2

1,4-Dioxane  
Concen: 36.562 ng  
RT: 3.51 min Scan# 72  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.6  | 55.2  | 82.8  |
| 43      | 25.3  | 19.4  | 29.0  |





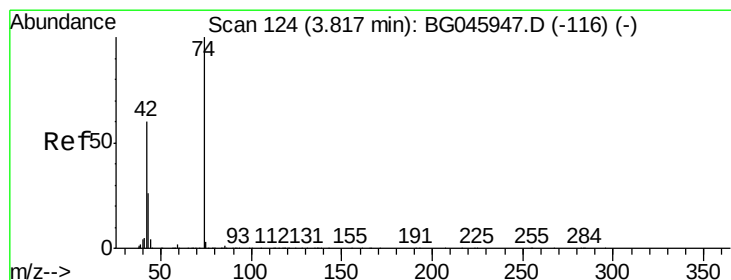
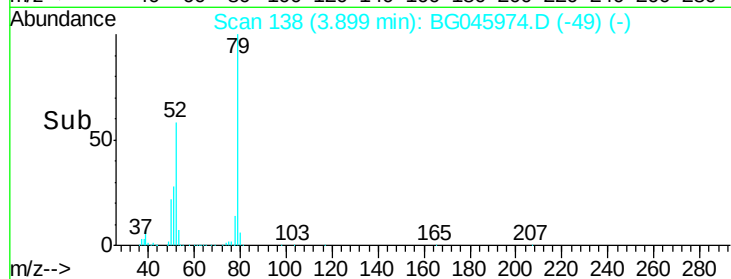
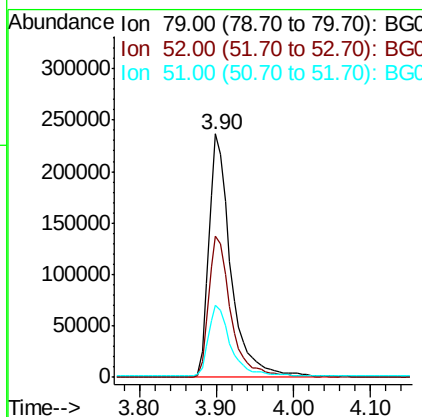
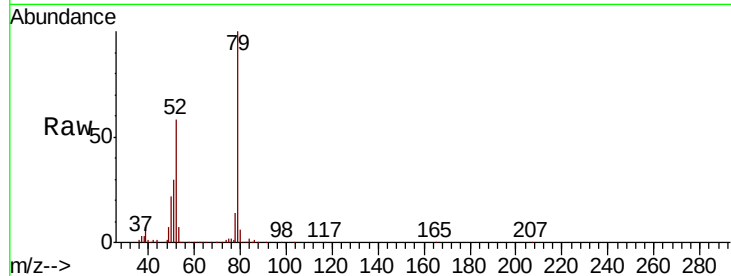
#3  
 Pvridine  
 Concen: 38.414 ng  
 RT: 3.90 min Scan# 138  
 Delta R.T. -0.00 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 58.2  | 46.5  | 69.7  |
| 51      | 29.5  | 23.5  | 35.3  |

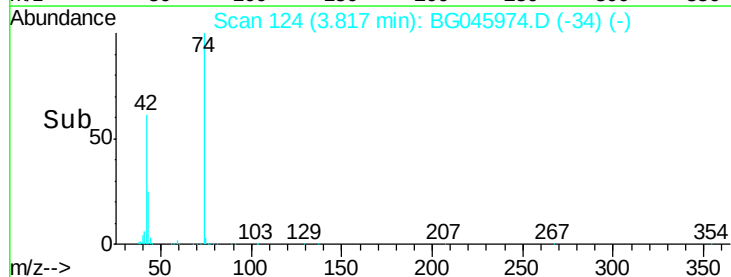
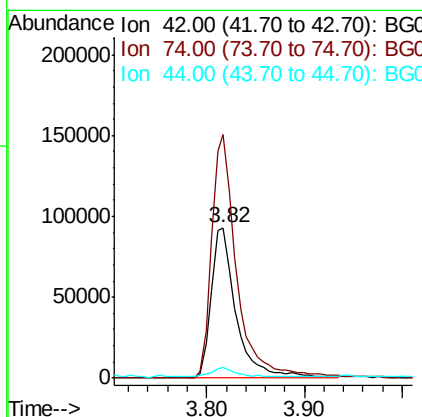
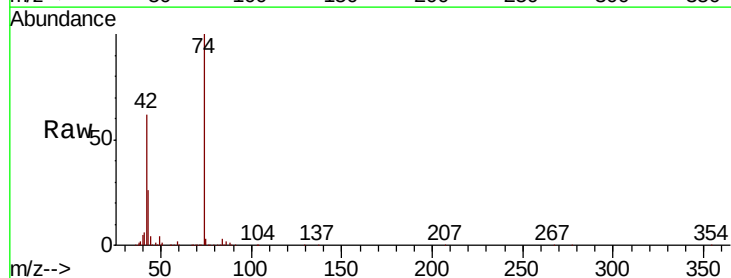
Manual Integrations  
 APPROVED

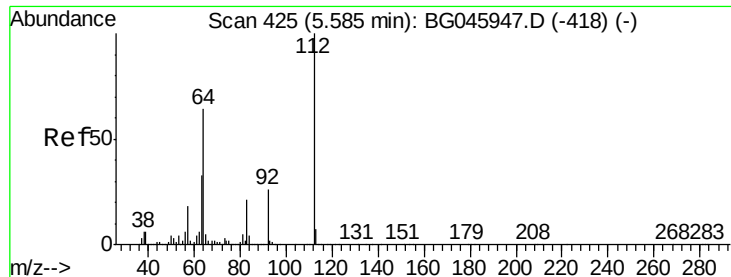
mohammad  
 7/10/2020 11:45:31 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 40.209 ng  
 RT: 3.82 min Scan# 124  
 Delta R.T. 0.00 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 162.1 | 131.9 | 197.9 |
| 44      | 7.1   | 7.7   | 11.5  |





#5

2-Fluorophenol

Concen: 74.356 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

Instrument :

BNA\_G

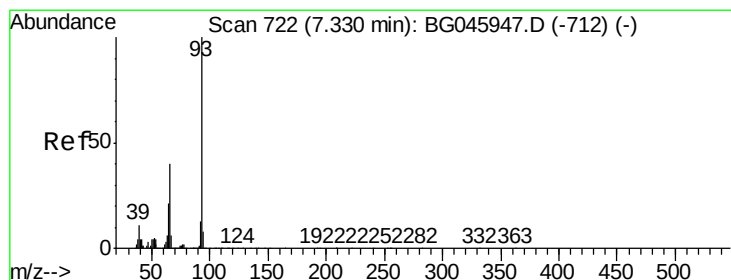
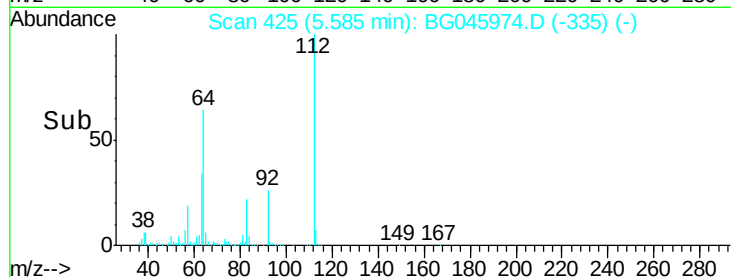
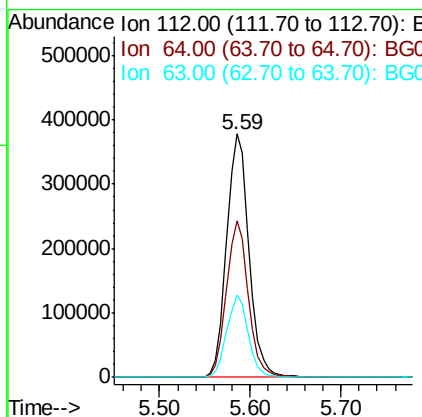
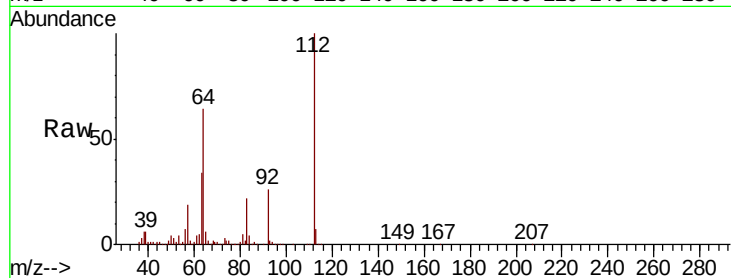
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 645459 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 64.5  | 51.4  | 77.2   |
| 63        | 34.0  | 26.6  | 40.0   |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



#6

Aniline

Concen: 37.366 ng

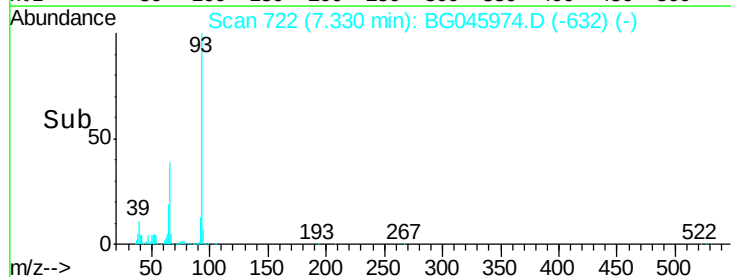
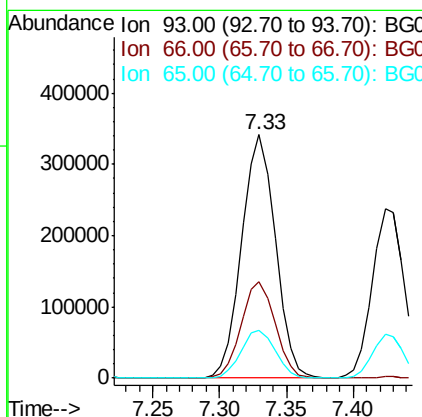
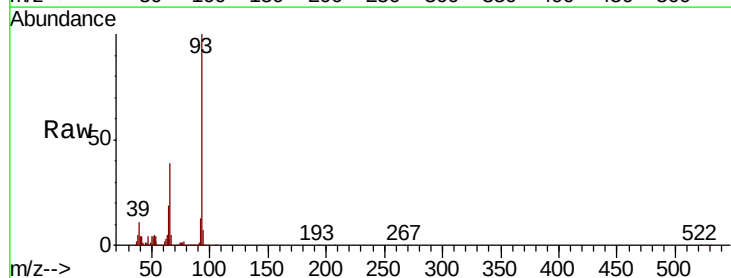
RT: 7.33 min Scan# 722

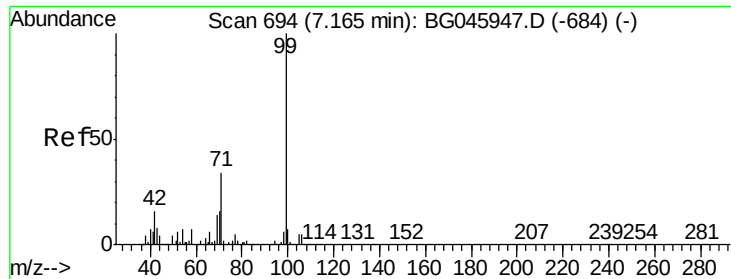
Delta R.T. 0.00 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 597392 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.5  | 32.3  | 48.5   |
| 65        | 19.4  | 16.6  | 25.0   |





#7

Phenol-d6

Concen: 75.194 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

Instrument :

BNA\_G

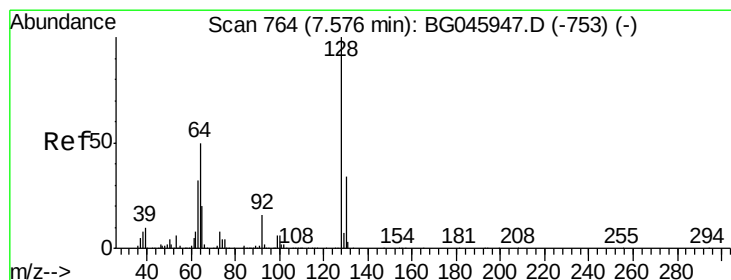
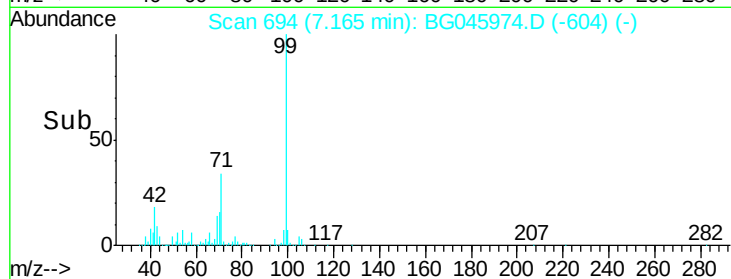
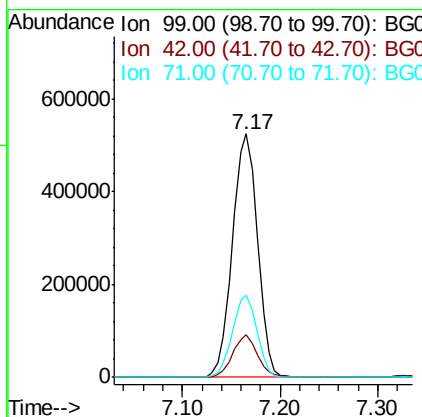
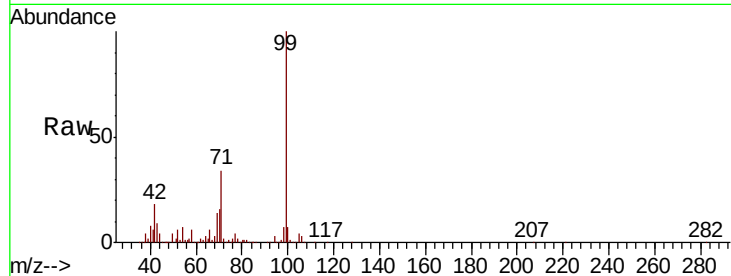
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 99   | Resp: | 939750 |
| Ion Ratio |      | Lower | Upper  |
| 99        | 100  |       |        |
| 42        | 17.7 | 13.0  | 19.4   |
| 71        | 33.6 | 27.5  | 41.3   |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



#8

2-Chlorophenol

Concen: 36.978 ng

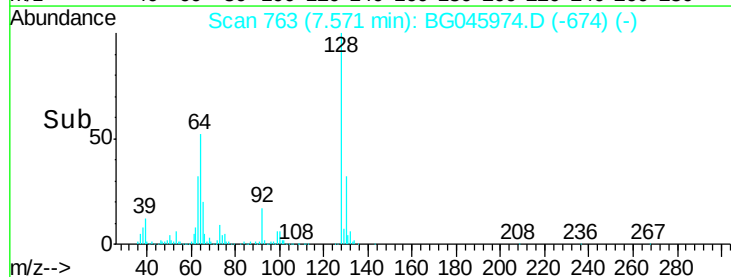
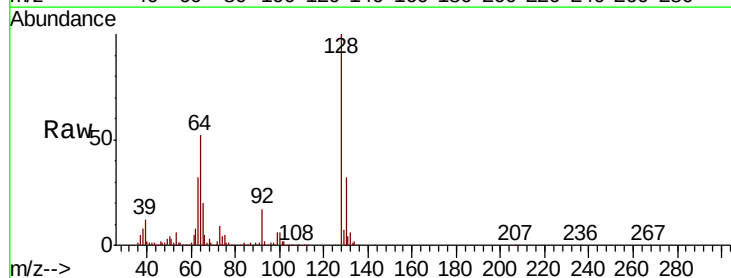
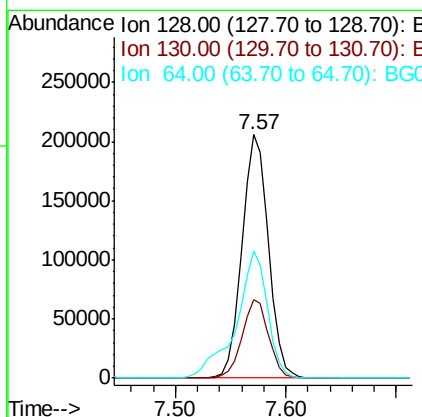
RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

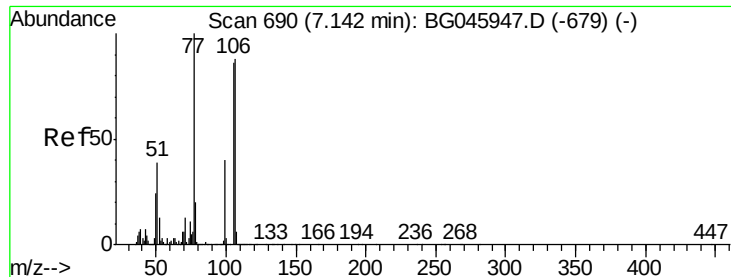
Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 128  | Resp: | 345543 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 130       | 32.4 | 13.6  | 53.6   |
| 64        | 52.4 | 30.6  | 70.6   |







#9

Benzaldehyde

Concen: 36.350 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

Instrument :

BNA\_G

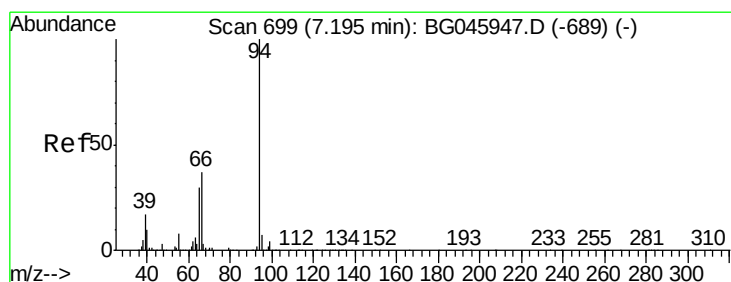
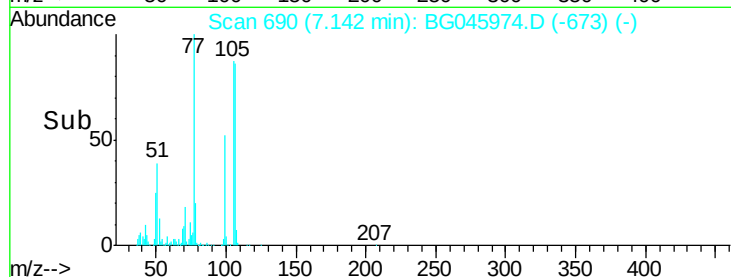
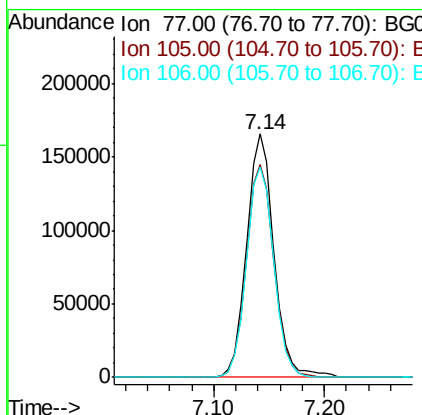
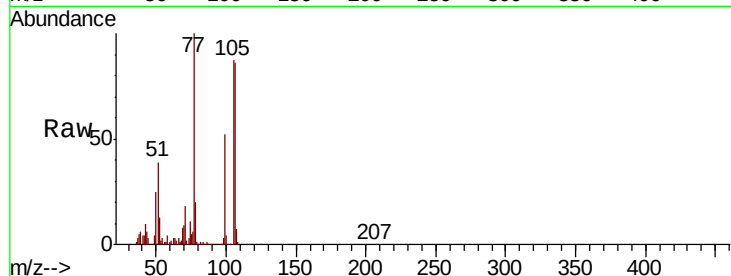
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 287828 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 87.5  | 66.0  | 106.0  |
| 106       | 86.4  | 67.7  | 107.7  |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



#10

Phenol

Concen: 37.345 ng

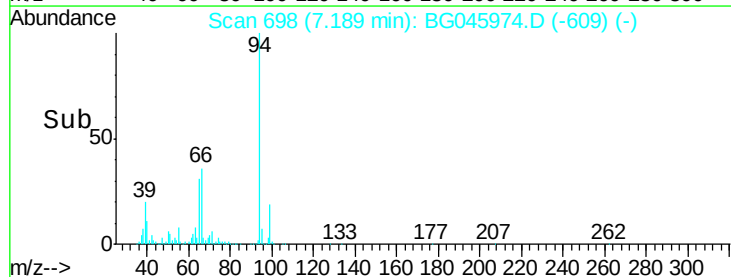
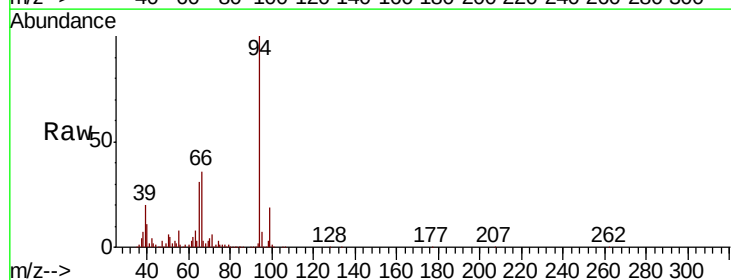
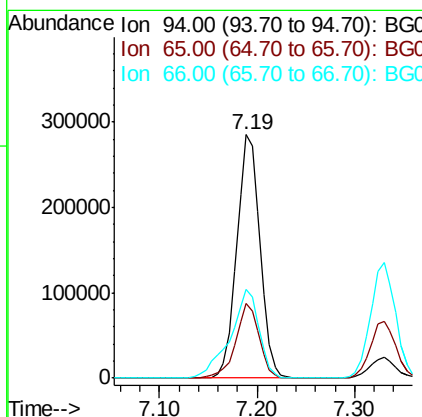
RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

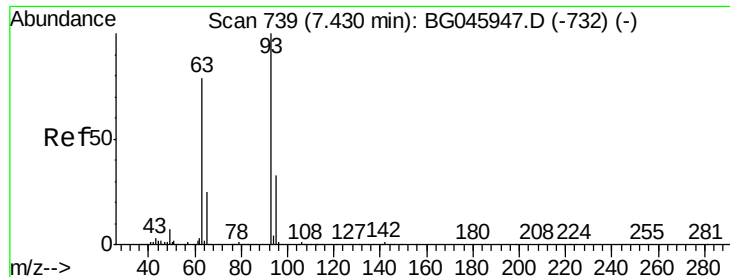
Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 468178 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 30.7  | 10.6  | 50.6   |
| 66        | 36.2  | 17.1  | 57.1   |







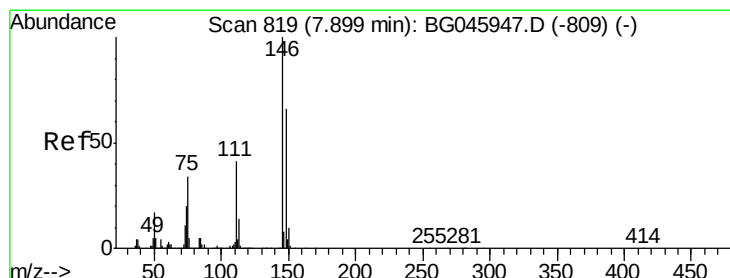
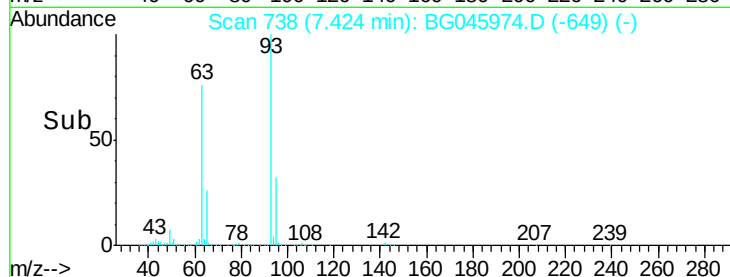
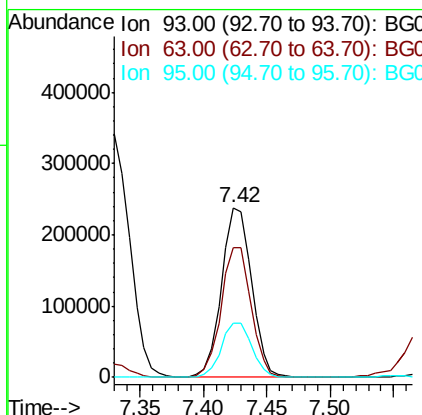
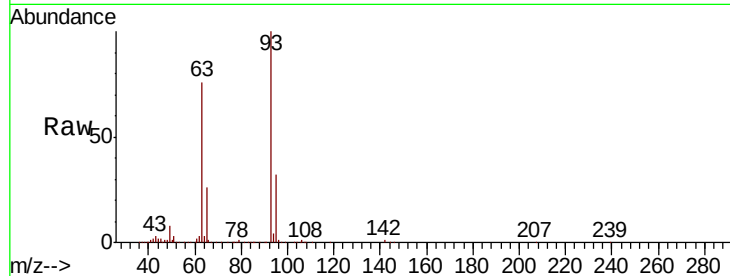
#11  
bis(2-Chloroethyl)ether  
Concen: 37.909 ng  
RT: 7.42 min Scan# 738  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion   | 93    | Resp  | 392997 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 76.3  | 58.6  | 98.6   |
| 95        | 31.8  | 13.3  | 53.3   |

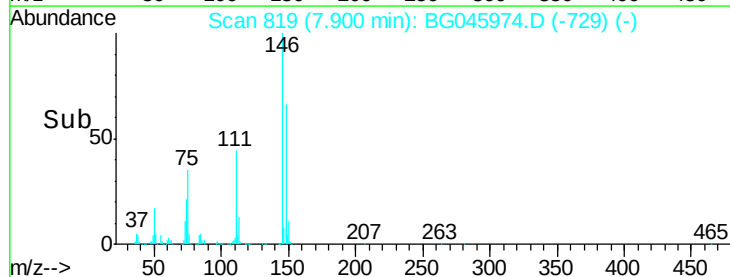
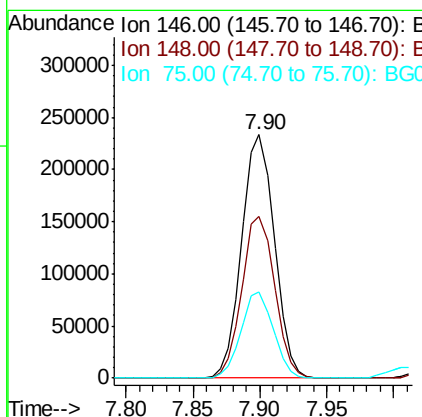
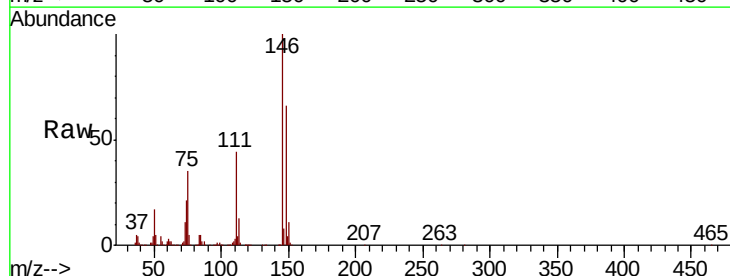
Manual Integrations  
APPROVED

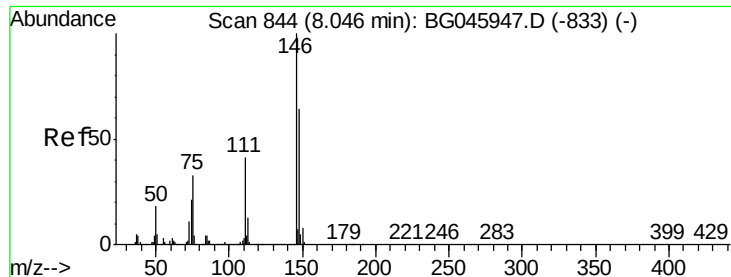
mohammad  
7/10/2020 11:45:31 AM



#12  
1,3-Dichlorobenzene  
Concen: 36.792 ng  
RT: 7.90 min Scan# 819  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion   | 146   | Resp  | 396289 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.3  | 52.8  | 79.2   |
| 75        | 35.3  | 27.2  | 40.8   |





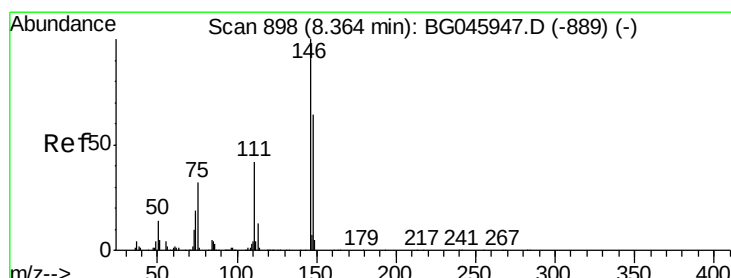
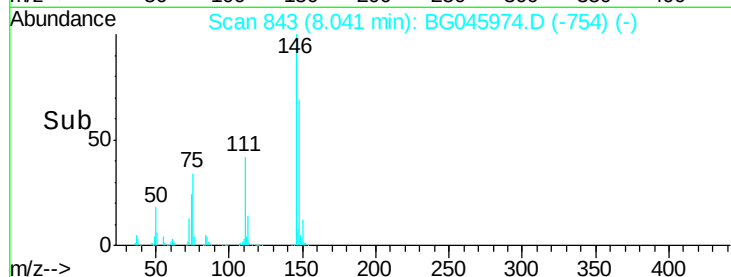
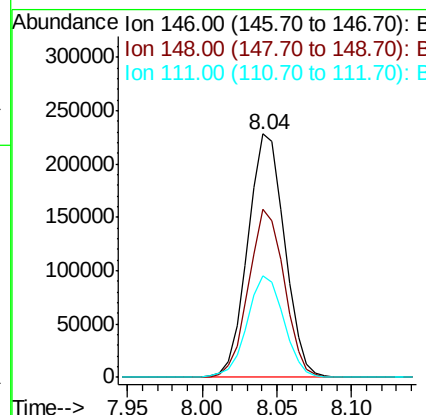
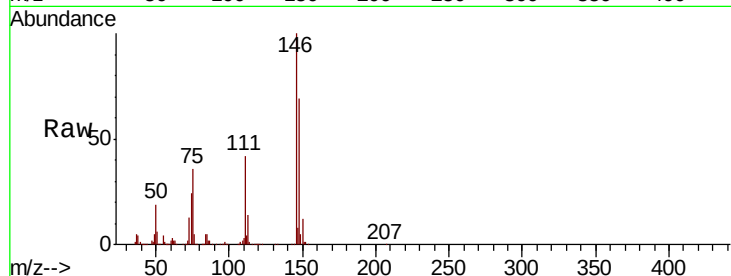
#13  
1,4-Dichlorobenzene  
Concen: 36.643 ng  
RT: 8.04 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 69.0  | 51.7  | 77.5  |
| 111     | 41.9  | 33.3  | 49.9  |

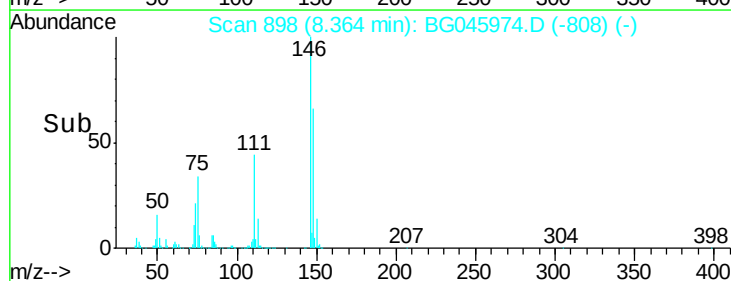
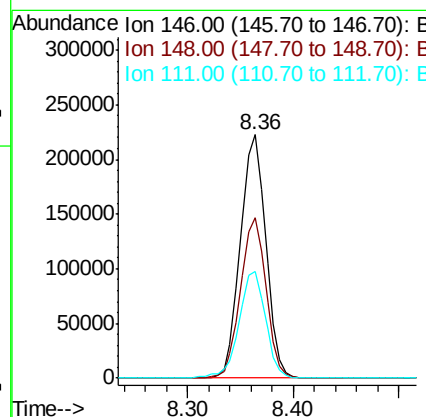
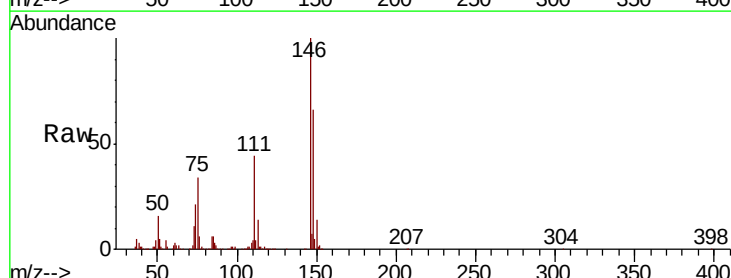
Manual Integrations  
APPROVED

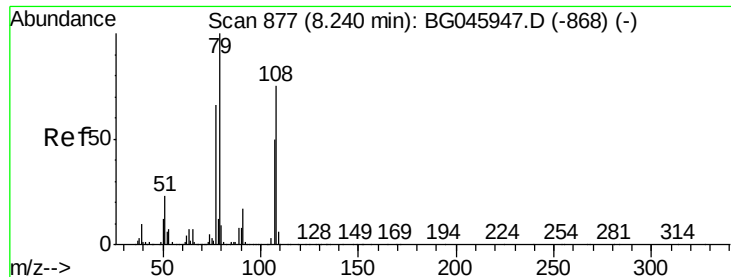
mohammad  
7/10/2020 11:45:31 AM



#14  
1,2-Dichlorobenzene  
Concen: 36.184 ng  
RT: 8.36 min Scan# 898  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.0  | 51.6  | 77.4  |
| 111     | 43.7  | 34.0  | 51.0  |





#15

Benzyl Alcohol

Concen: 36.971 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

Instrument :

BNA\_G

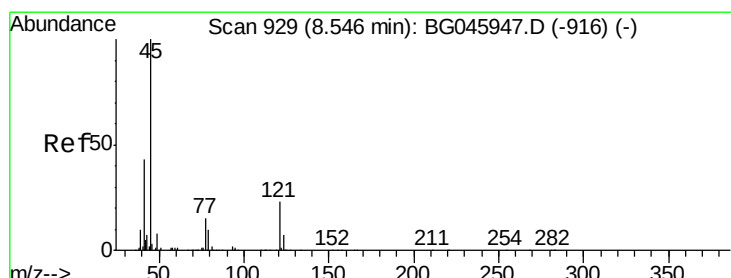
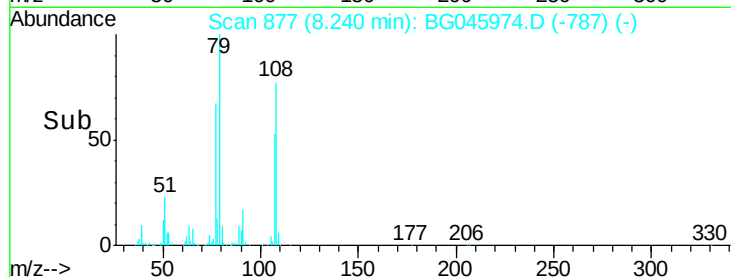
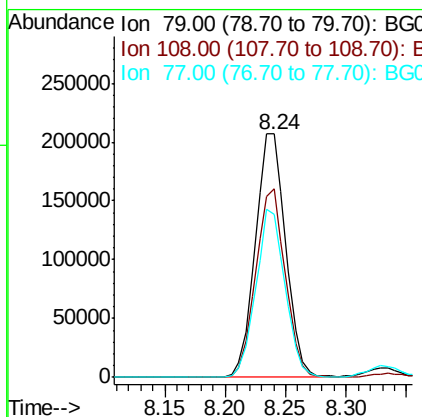
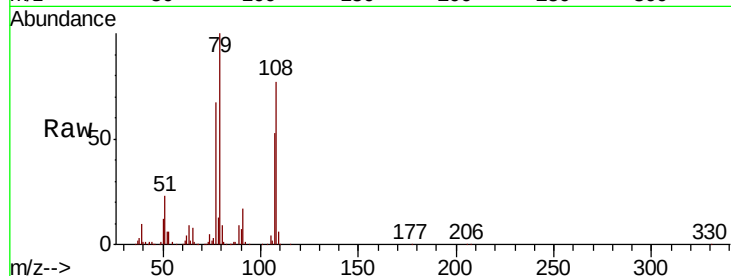
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 362295 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 77.3  | 60.2  | 90.4   |
| 77        | 66.9  | 52.9  | 79.3   |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.959 ng

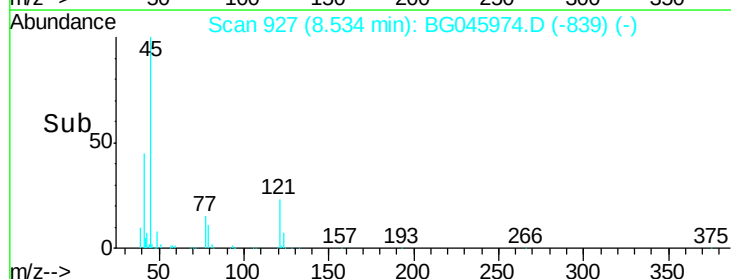
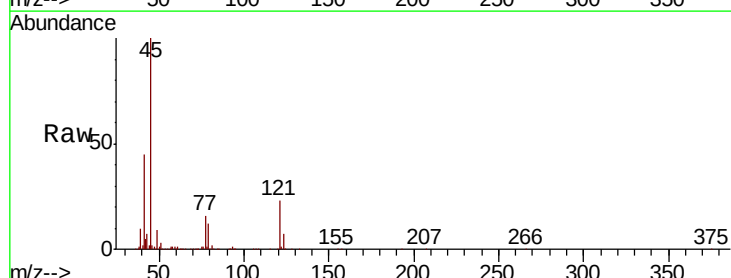
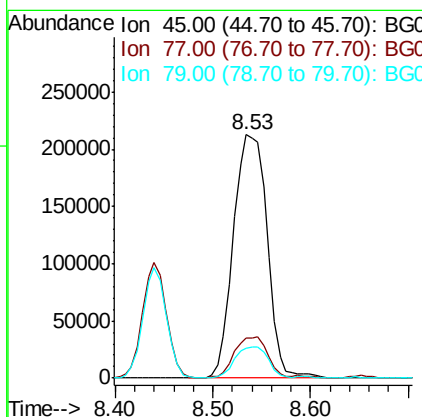
RT: 8.53 min Scan# 927

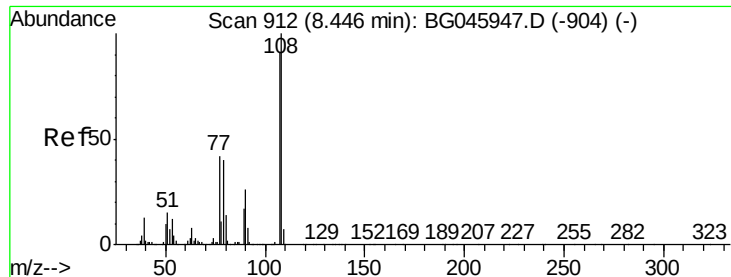
Delta R.T. -0.01 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 513426 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 16.5  | 0.0   | 37.6   |
| 79        | 12.3  | 0.0   | 32.6   |





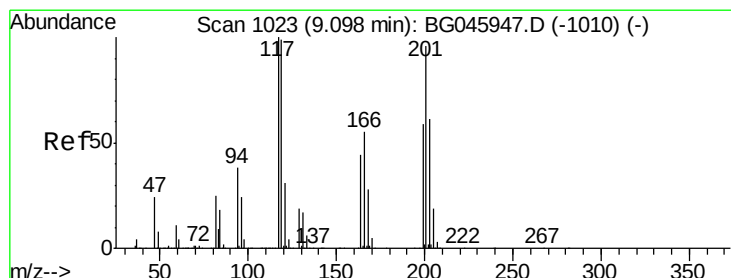
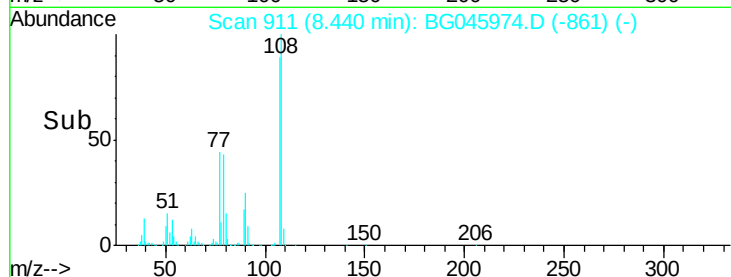
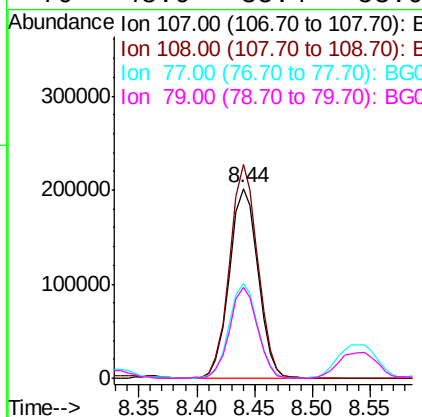
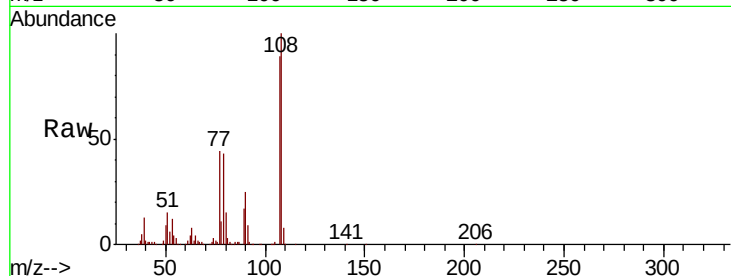
#17  
2-Methylphenol  
Concen: 36.962 ng  
RT: 8.44 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.6 | 88.2 | 132.4 |       |
| 77      | 50.1  | 37.0 | 55.4  |       |
| 79      | 48.0  | 35.4 | 53.0  |       |

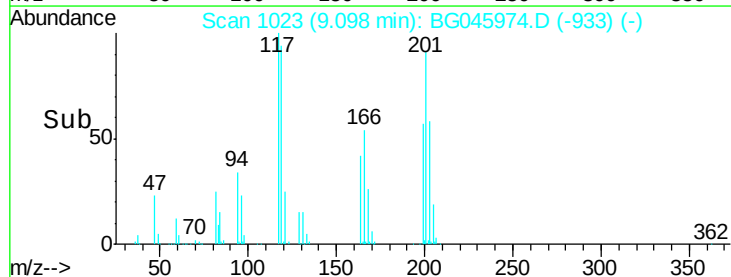
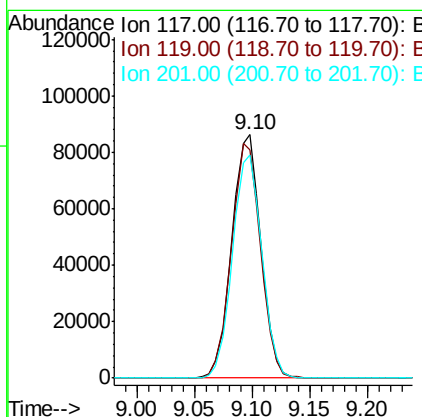
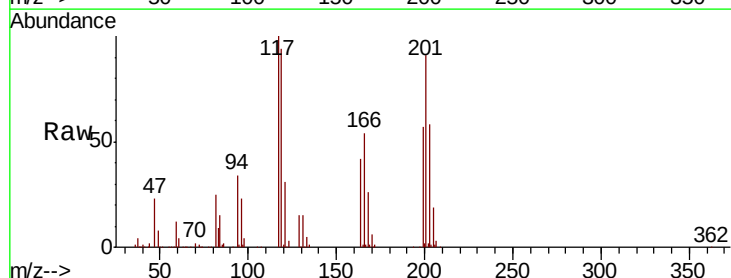
Manual Integrations  
APPROVED

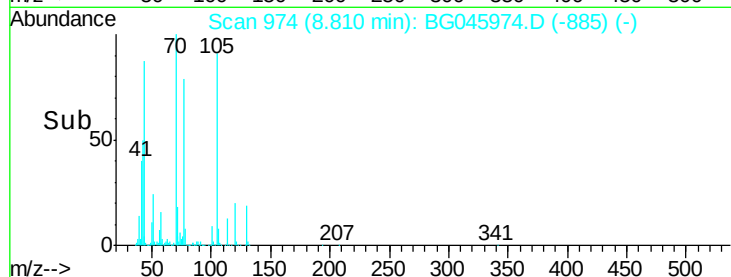
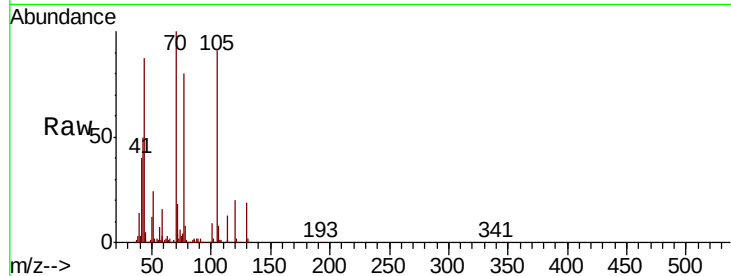
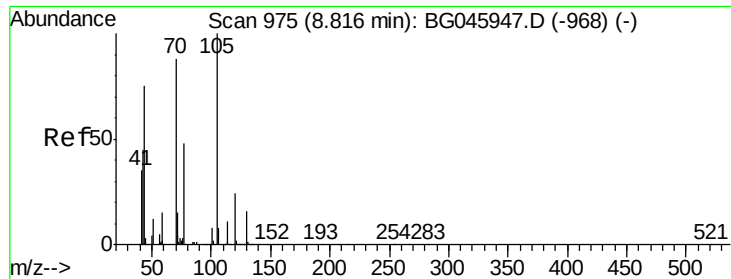
mohammad  
7/10/2020 11:45:31 AM



#18  
Hexachloroethane  
Concen: 36.851 ng  
RT: 9.10 min Scan# 1023  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

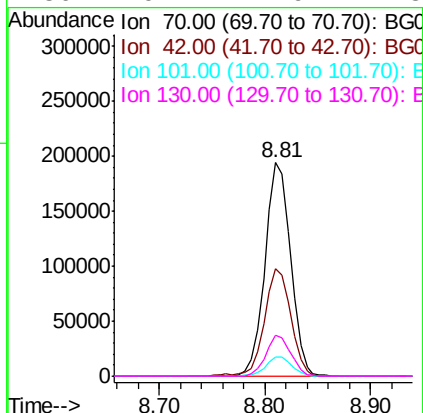
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 93.7  | 79.5 | 119.3 |       |
| 201     | 91.4  | 77.0 | 115.4 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.152 ng  
RT: 8.81 min Scan# 974  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

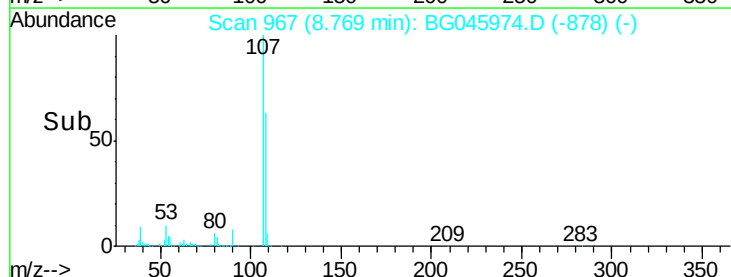
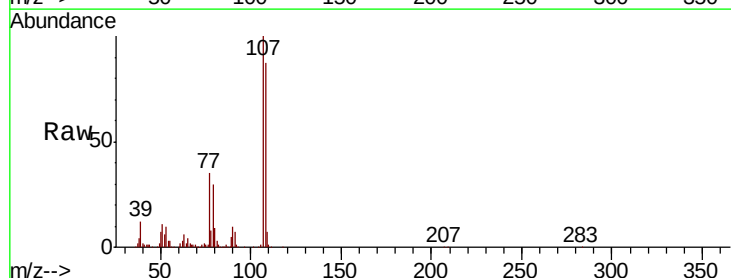
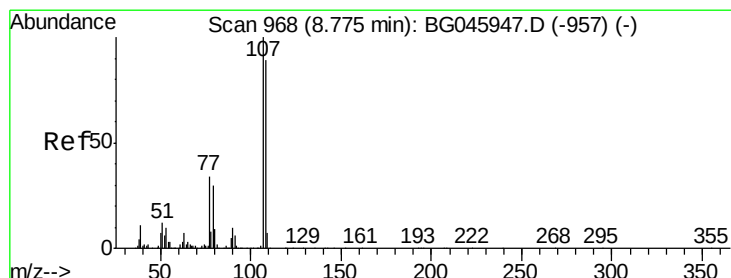
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 50.5 | 41.4  | 62.0  |       |
| 101     | 9.1  | 7.1   | 10.7  |       |
| 130     | 19.2 | 14.9  | 22.3  |       |



Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

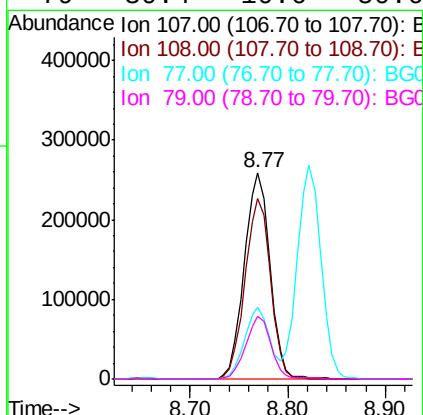
Manual Integrations  
APPROVED

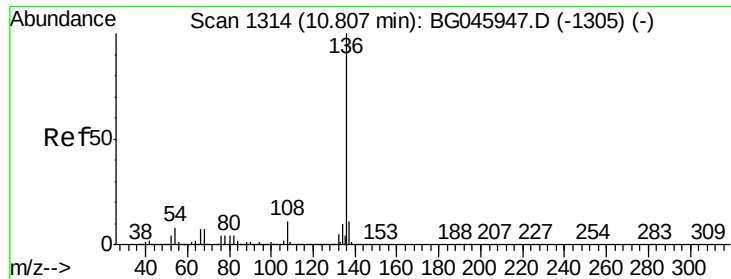
mohammad  
7/10/2020 11:45:31 AM



#20  
3+4-Methylphenols  
Concen: 37.347 ng  
RT: 8.77 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 87.1 | 68.7  | 108.7 |       |
| 77      | 34.7 | 14.6  | 54.6  |       |
| 79      | 30.4 | 10.6  | 50.6  |       |





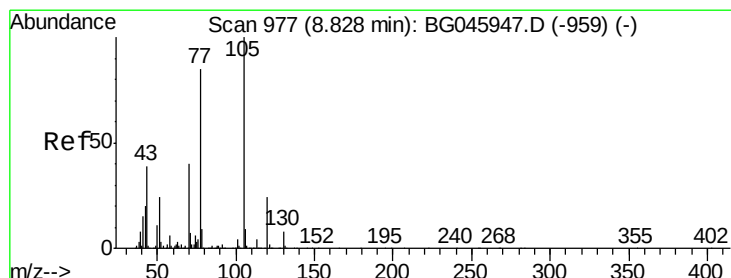
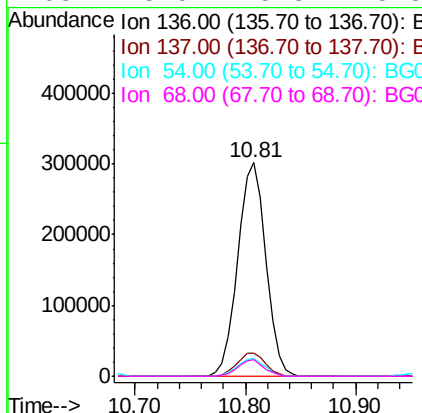
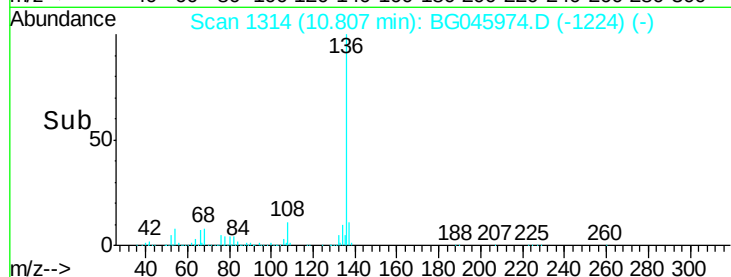
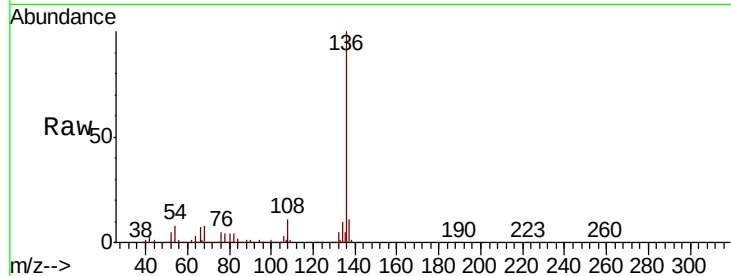
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.81 min Scan# 1314  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 538279 |       |       |
| 137     | 10.5  |        | 9.2   | 13.8  |
| 54      | 8.4   |        | 6.2   | 9.4   |
| 68      | 8.0   |        | 5.8   | 8.8   |

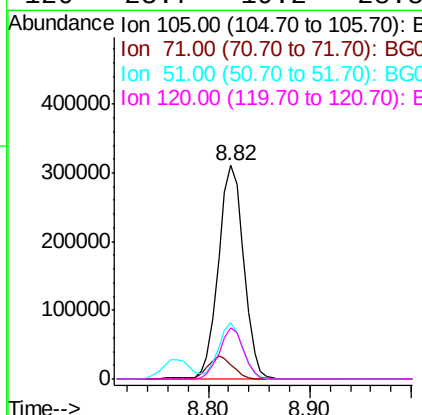
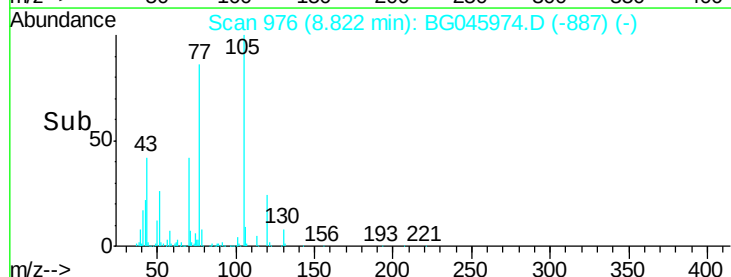
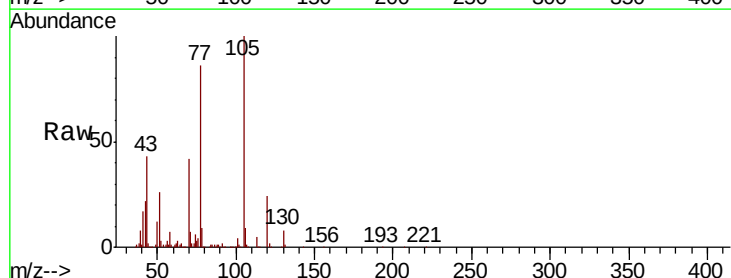
Manual Integrations  
APPROVED

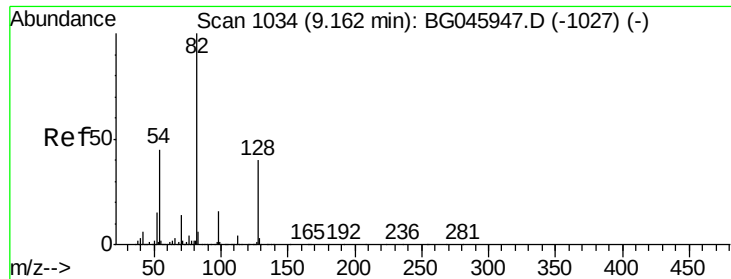
mohammad  
7/10/2020 11:45:31 AM



#22  
Acetophenone  
Concen: 37.295 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 536312 |       |       |
| 71      | 6.8   |        | 6.2   | 9.2   |
| 51      | 26.1  |        | 19.7  | 29.5  |
| 120     | 23.7  |        | 19.2  | 28.8  |





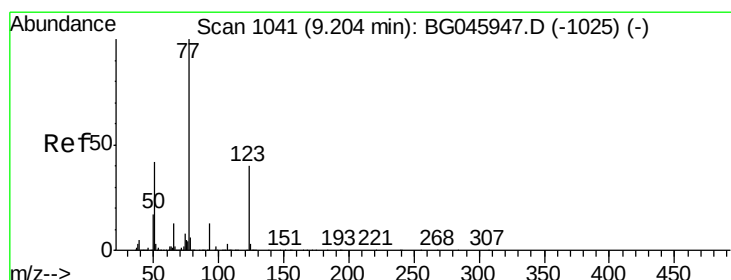
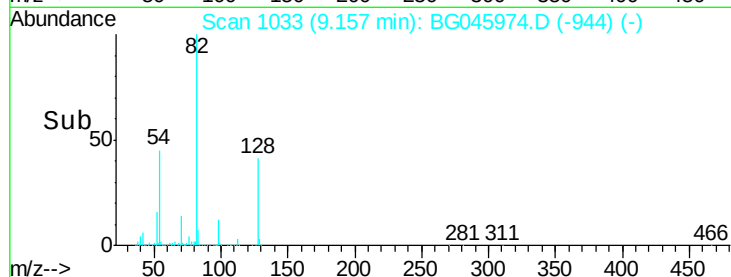
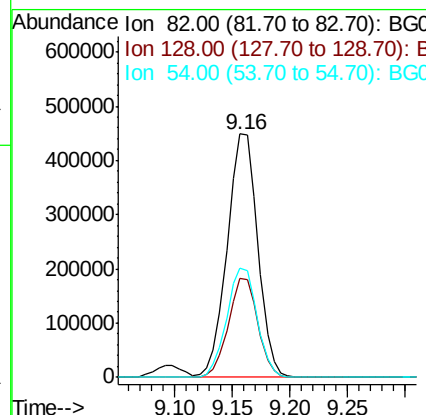
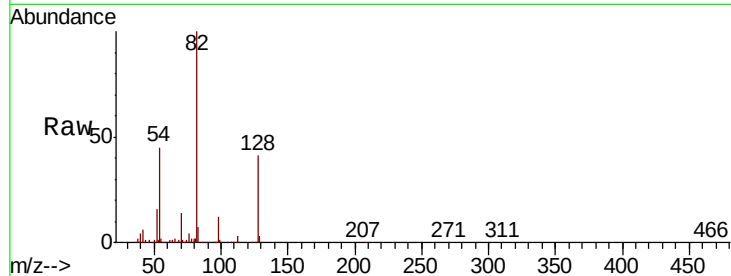
#23  
Nitrobenzene-d5  
Concen: 87.694 ng  
RT: 9.16 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 820112 |       |       |
| 128     | 40.8  | 32.2   | 48.4  |       |
| 54      | 44.9  | 35.8   | 53.6  |       |

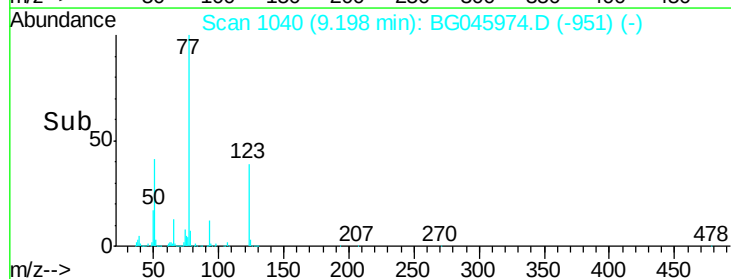
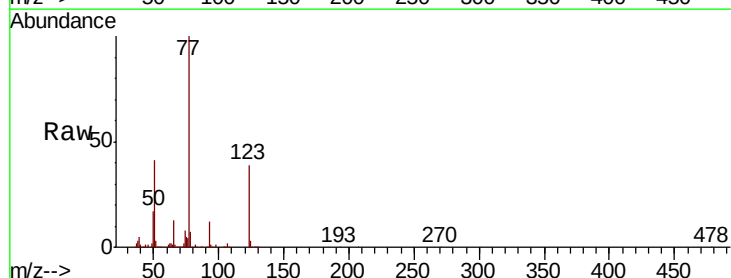
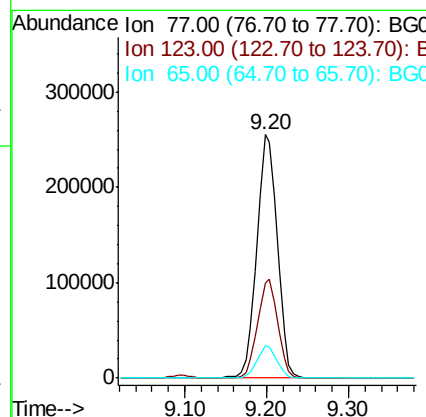
Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM

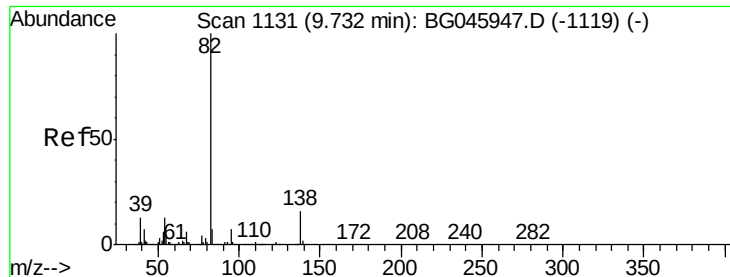


#24  
Nitrobenzene  
Concen: 43.386 ng  
RT: 9.20 min Scan# 1040  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 447832 |       |       |
| 123     | 38.9  | 32.7   | 49.1  |       |
| 65      | 13.2  | 10.2   | 15.4  |       |







#25

Isophorone

Concen: 37.960 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

Instrument :

BNA\_G

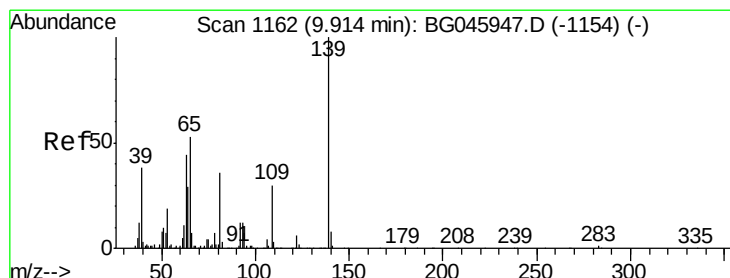
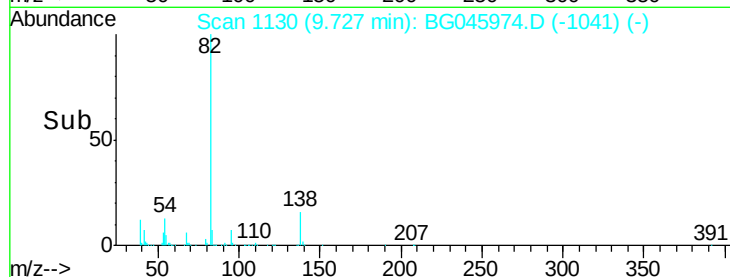
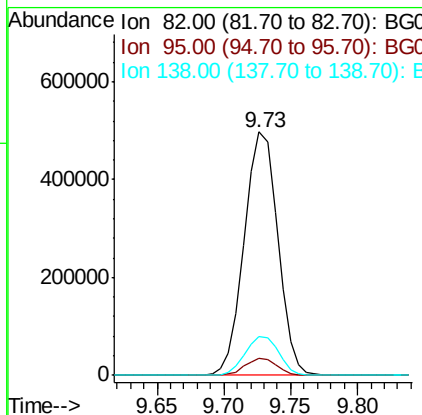
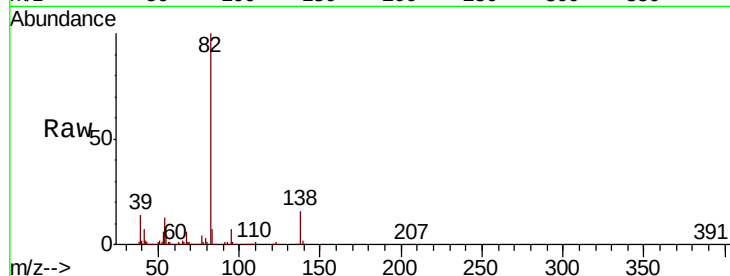
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 82    | Resp: | 866628 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 95       | 7.1   | 5.8   | 8.6    |
| 138      | 15.7  | 12.9  | 19.3   |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



#26

2-Nitrophenol

Concen: 47.489 ng

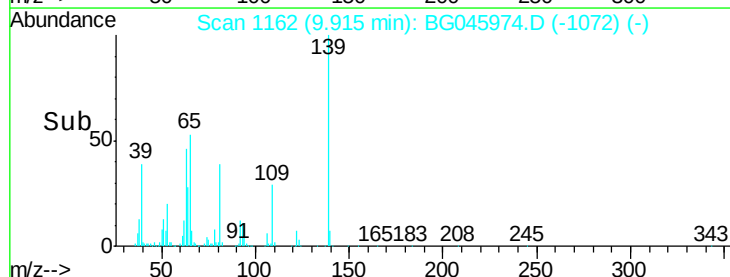
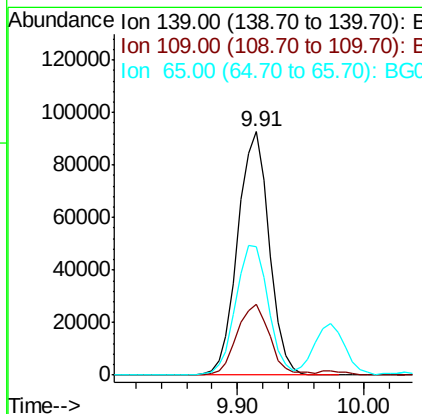
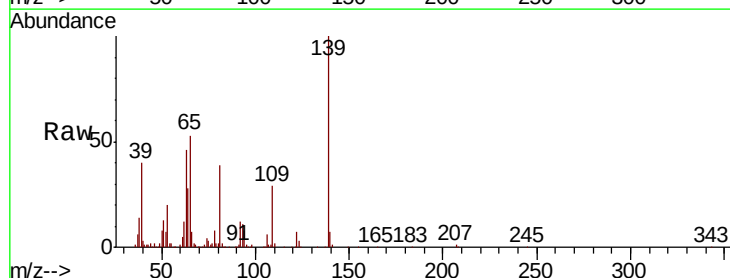
RT: 9.91 min Scan# 1162

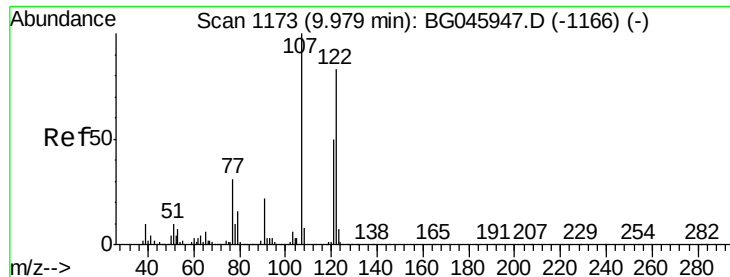
Delta R.T. 0.00 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 159774 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 29.3  | 24.6  | 37.0   |
| 65       | 52.5  | 42.6  | 64.0   |





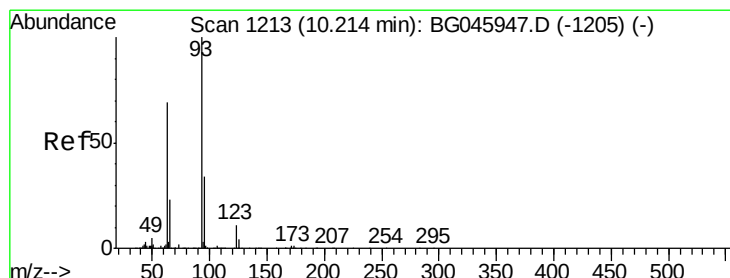
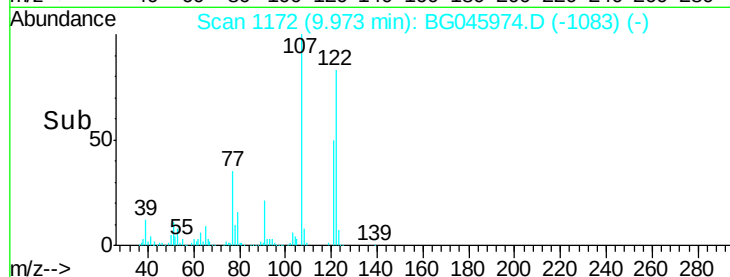
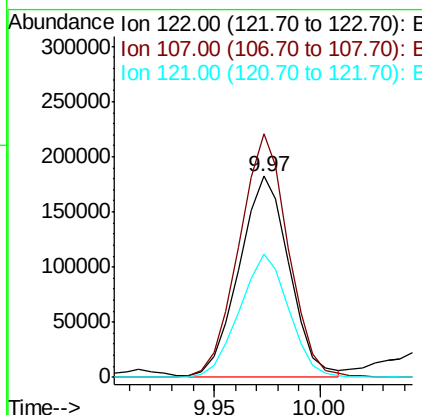
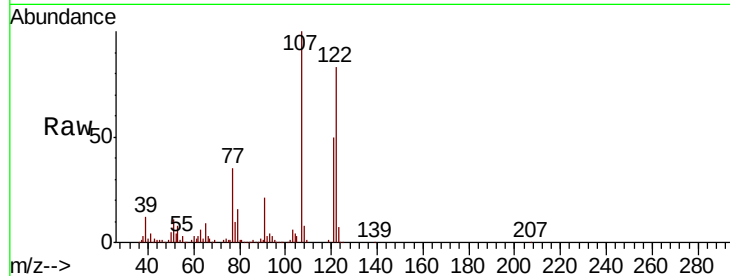
#27  
2,4-Dimethylphenol  
Concen: 36.718 ng  
RT: 9.97 min Scan# 1172  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 298385 |       |       |
| 107     | 120.9 | 95.6   | 143.4 |       |
| 121     | 61.0  | 47.7   | 71.5  |       |

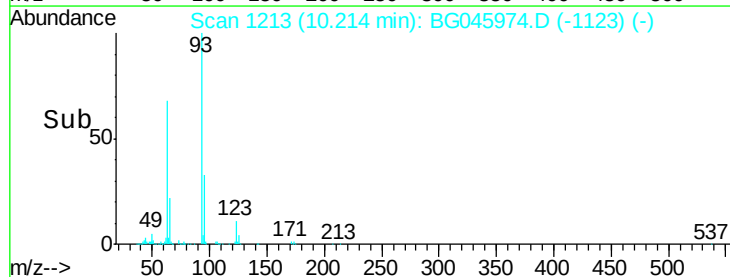
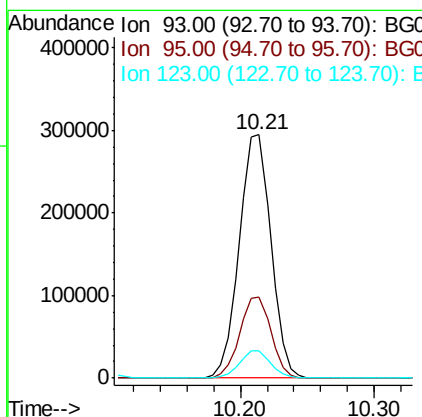
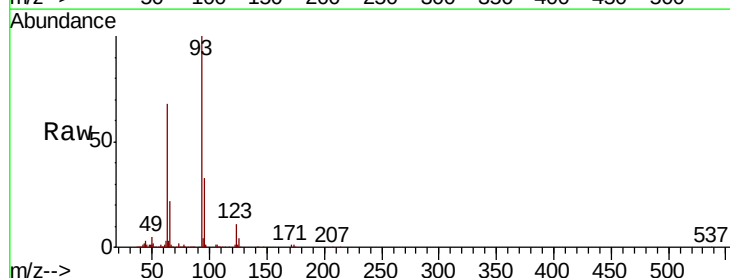
Manual Integrations  
APPROVED

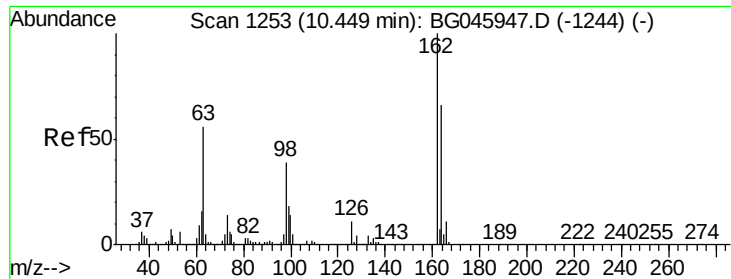
mohammad  
7/10/2020 11:45:31 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.818 ng  
RT: 10.21 min Scan# 1213  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 484827 |       |       |
| 95      | 33.4  | 27.5   | 41.3  |       |
| 123     | 11.1  | 9.2    | 13.8  |       |





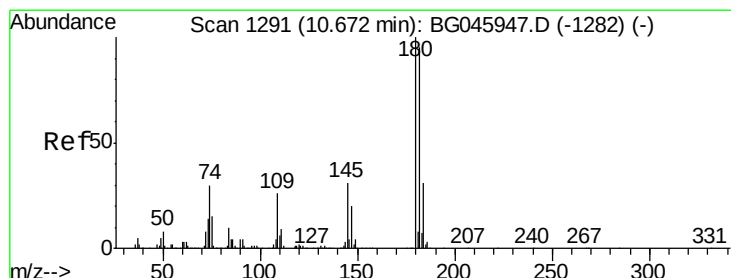
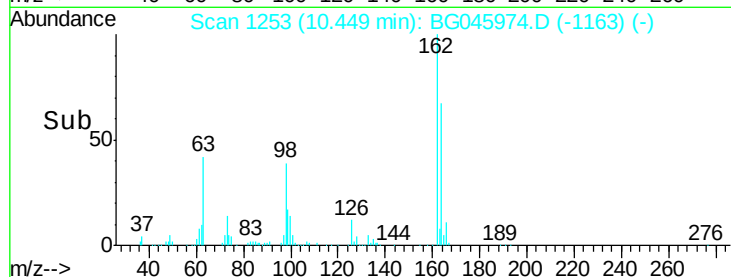
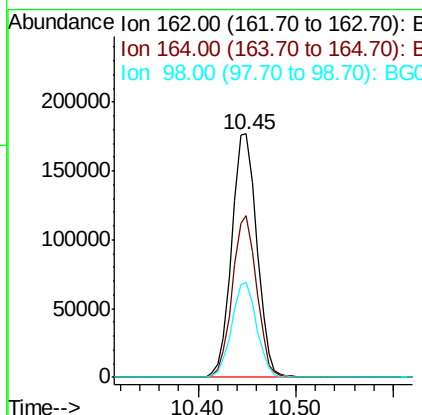
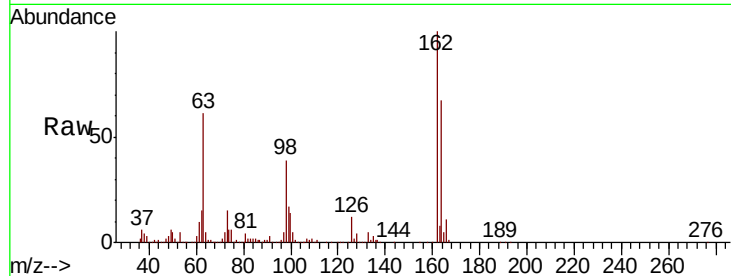
#29  
 2,4-Dichlorophenol  
 Concen: 37.706 ng  
 RT: 10.45 min Scan# 1253  
 Delta R.T. 0.00 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 317195 |       |       |
| 164     | 66.5  | 46.0   | 86.0  |       |
| 98      | 38.9  | 19.2   | 59.2  |       |

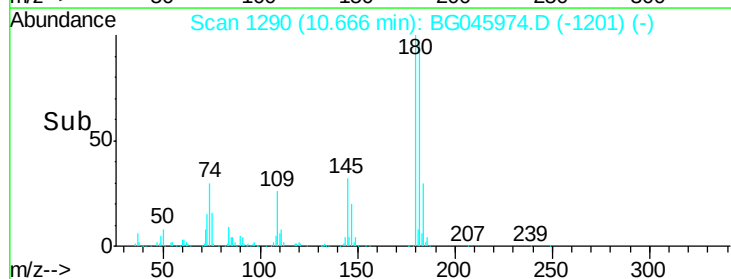
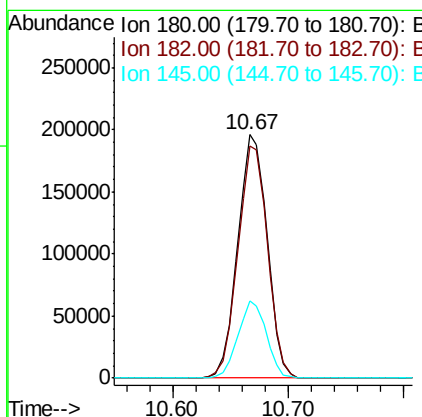
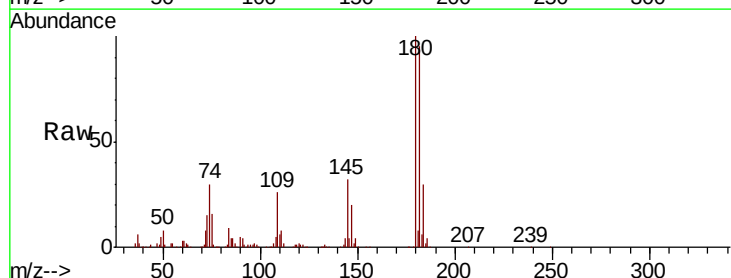
Manual Integrations  
 APPROVED

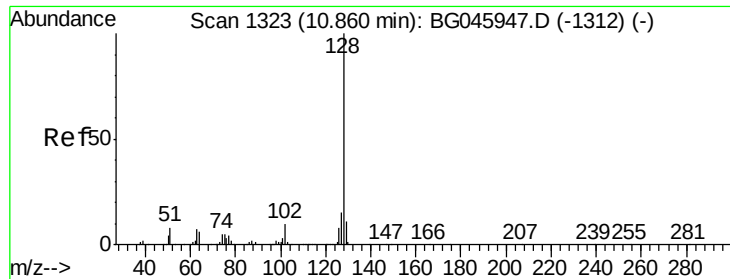
mohammad  
 7/10/2020 11:45:31 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.961 ng  
 RT: 10.67 min Scan# 1290  
 Delta R.T. -0.01 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 344513 |       |       |
| 182     | 95.2  | 76.3   | 114.5 |       |
| 145     | 31.7  | 24.8   | 37.2  |       |





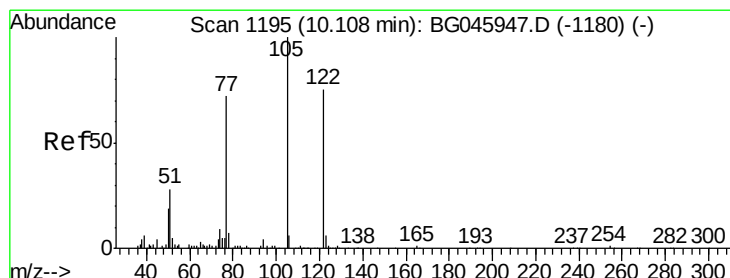
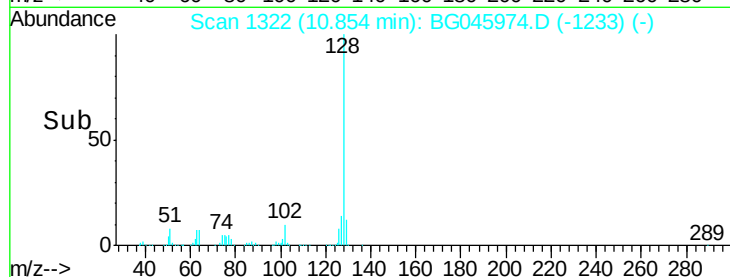
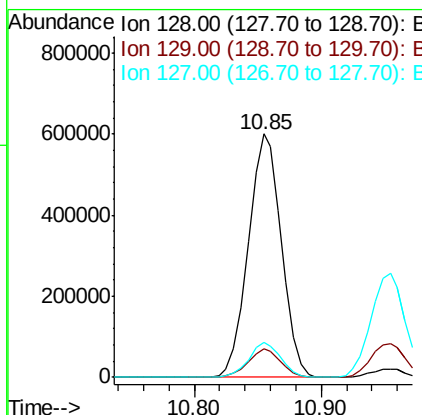
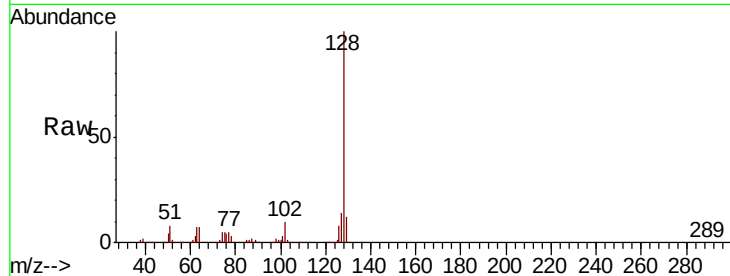
#31  
Naphthalene  
Concen: 37.490 ng  
RT: 10.85 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.9  | 9.2   | 13.8  |
| 127     | 14.4  | 11.8  | 17.6  |

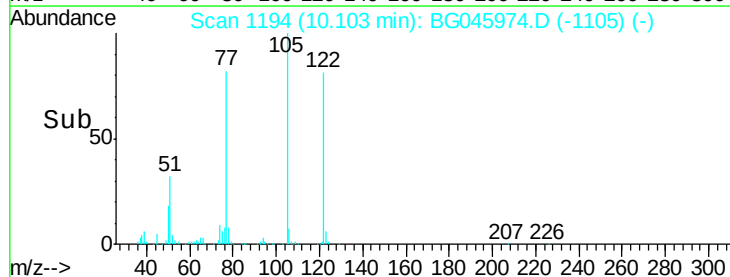
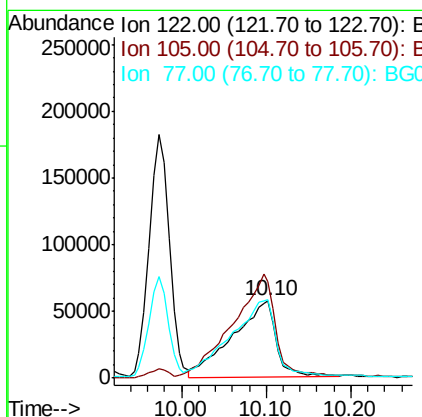
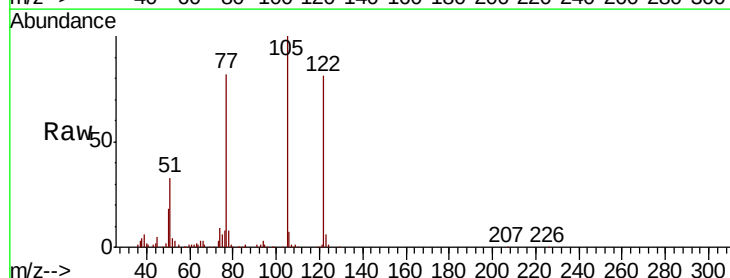
Manual Integrations  
APPROVED

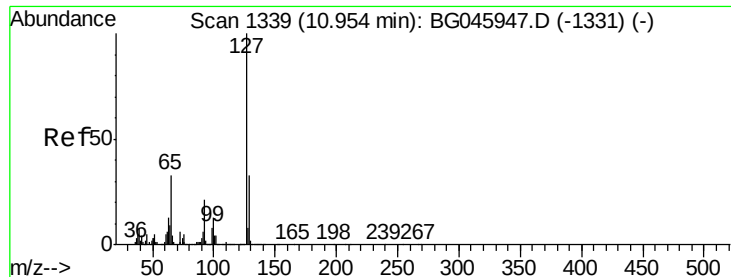
mohammad  
7/10/2020 11:45:31 AM



#32  
Benzoic acid  
Concen: 41.621 ng  
RT: 10.10 min Scan# 1194  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 123.4 | 110.8 | 150.8 |
| 77      | 101.5 | 76.4  | 116.4 |





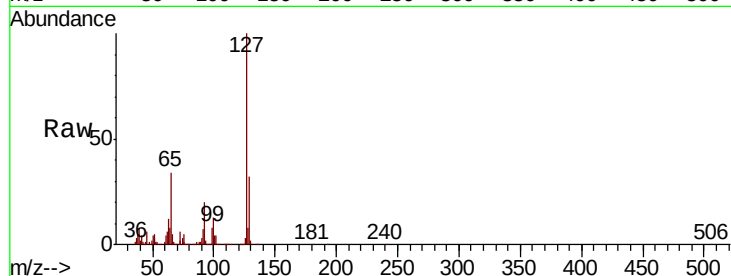
#33  
4-Chloroaniline  
Concen: 37.059 ng  
RT: 10.95 min Scan# 1339  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

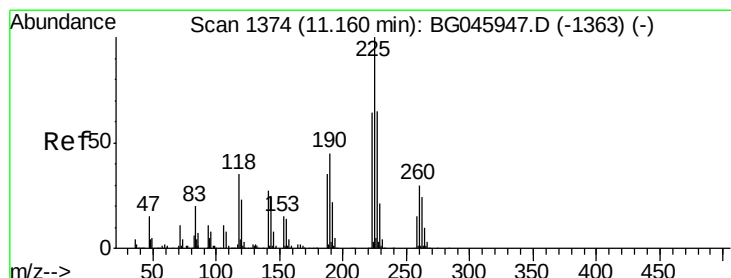
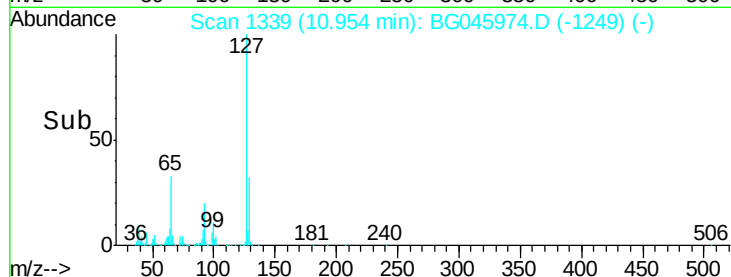
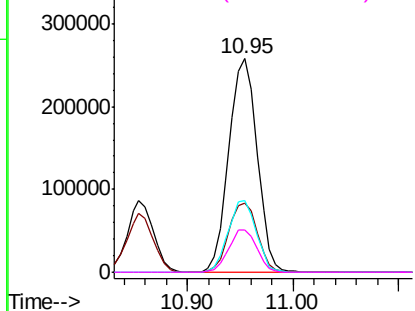
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.5  | 26.6  | 39.8  |
| 65      | 33.6  | 26.8  | 40.2  |
| 92      | 20.0  | 17.0  | 25.4  |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM

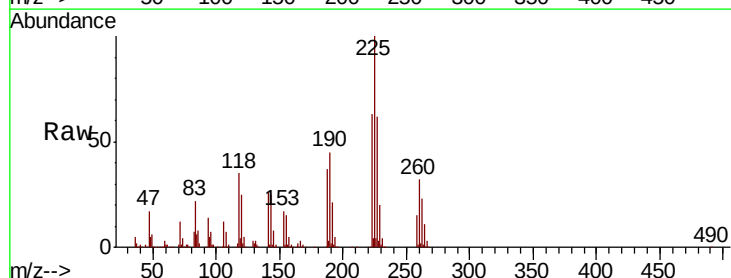


Abundance Ion 127.00 (126.70 to 127.70): E  
400000  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

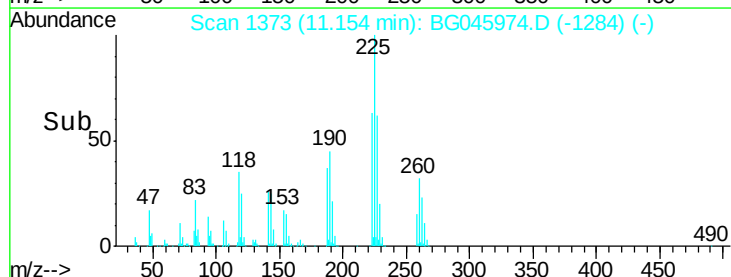
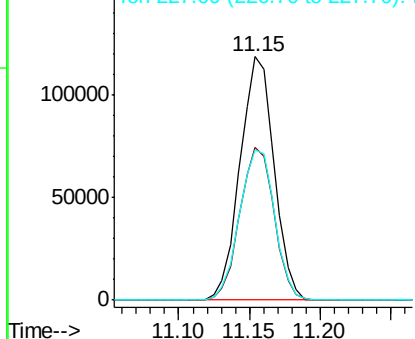


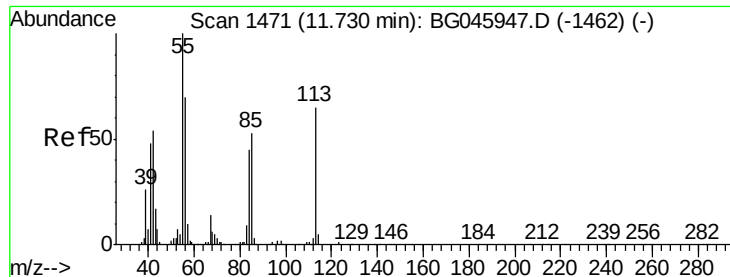
#34  
Hexachlorobutadiene  
Concen: 36.825 ng  
RT: 11.15 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.0  | 51.2  | 76.8  |
| 227     | 61.6  | 52.3  | 78.5  |



Abundance Ion 225.00 (224.70 to 225.70): E  
150000  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.008 ng

RT: 11.71 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

Instrument :

BNA\_G

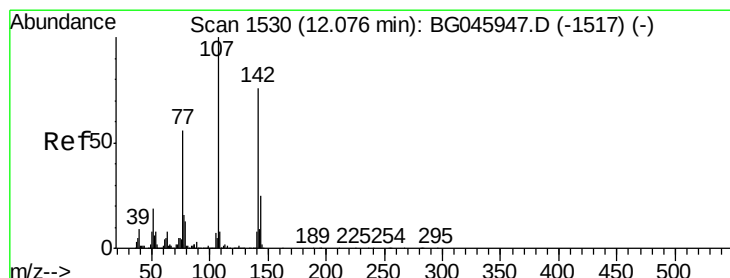
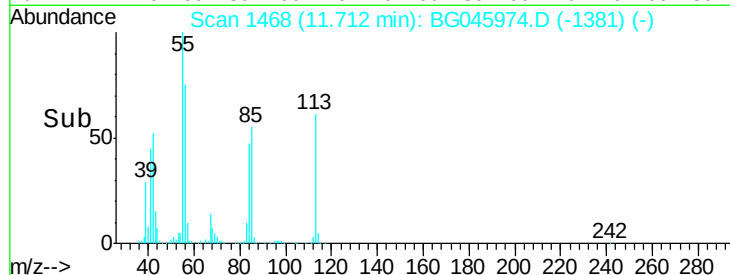
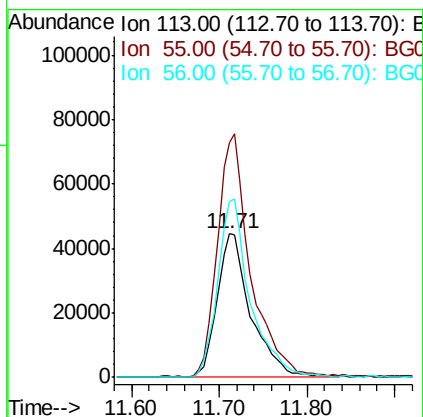
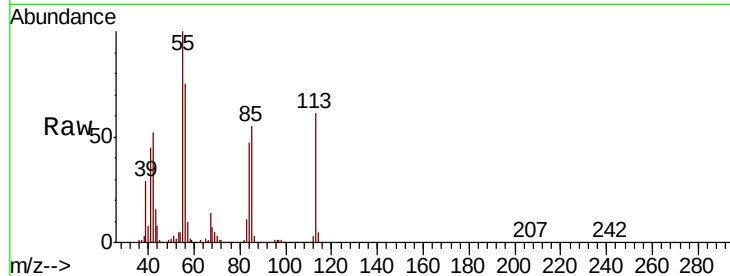
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 118202 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 163.7 | 141.6 | 181.6  |
| 56        | 122.7 | 89.6  | 129.6  |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



#36

4-Chloro-3-methylphenol

Concen: 37.310 ng

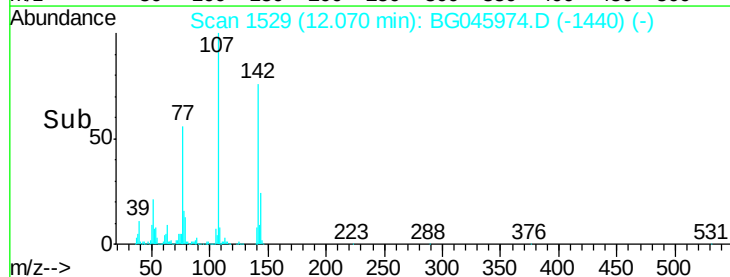
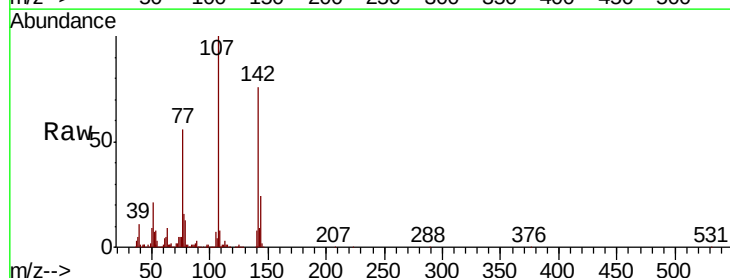
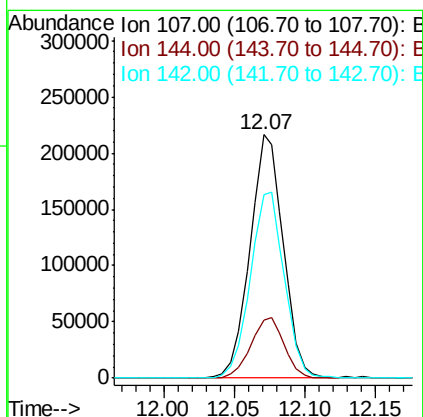
RT: 12.07 min Scan# 1529

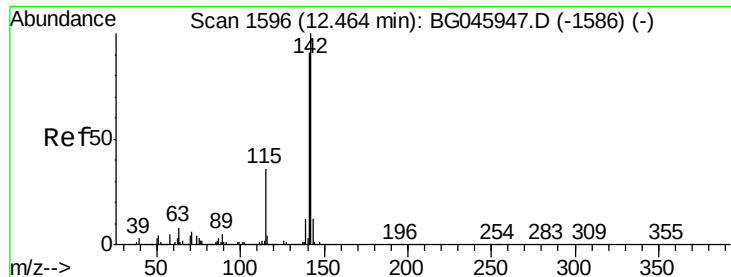
Delta R.T. -0.01 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 357478 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 24.1  | 20.0  | 30.0   |
| 142       | 75.5  | 61.1  | 91.7   |





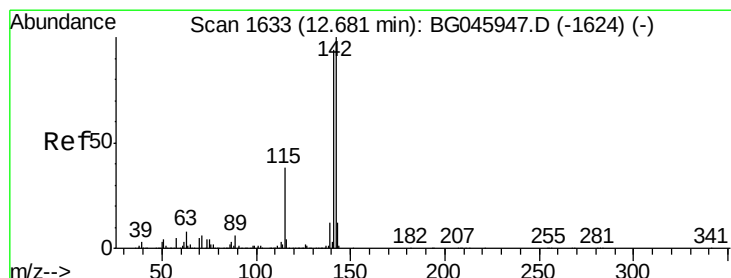
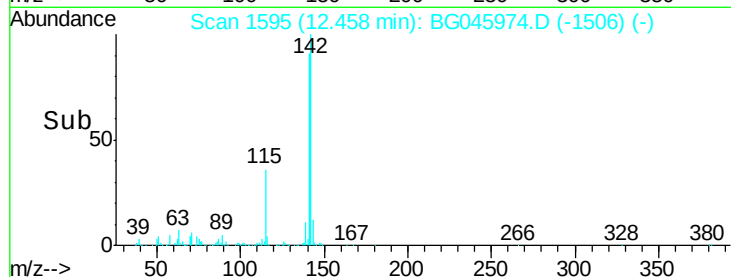
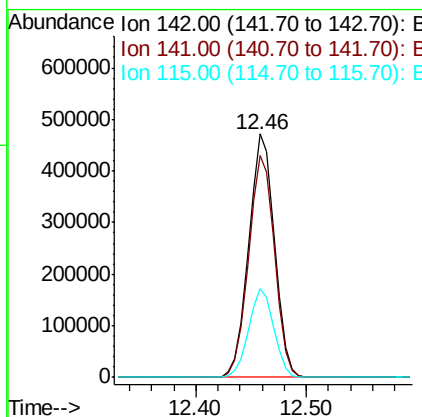
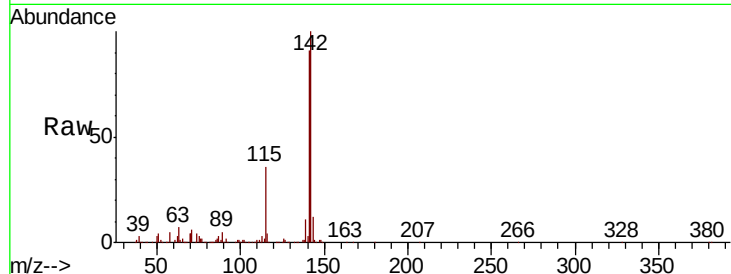
#37  
2-Methylnaphthalene  
Concen: 37.634 ng  
RT: 12.46 min Scan# 1595  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.1  | 73.0  | 109.6 |
| 115     | 36.3  | 28.8  | 43.2  |

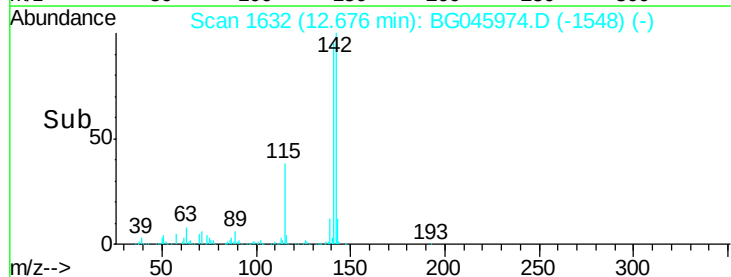
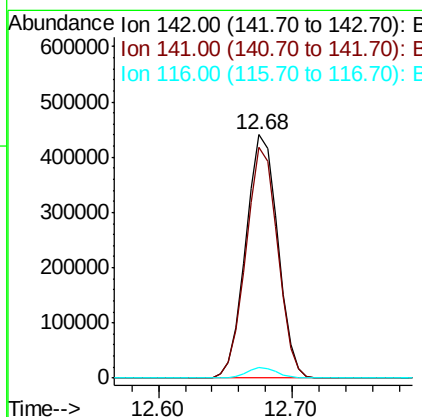
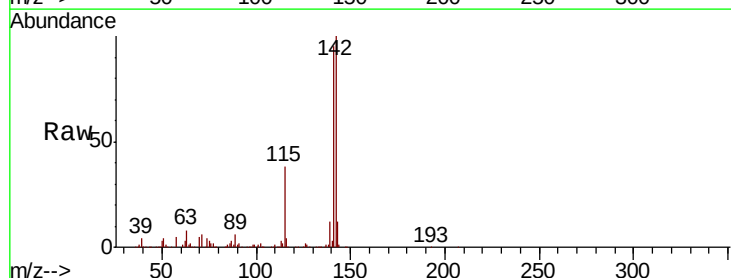
Manual Integrations  
APPROVED

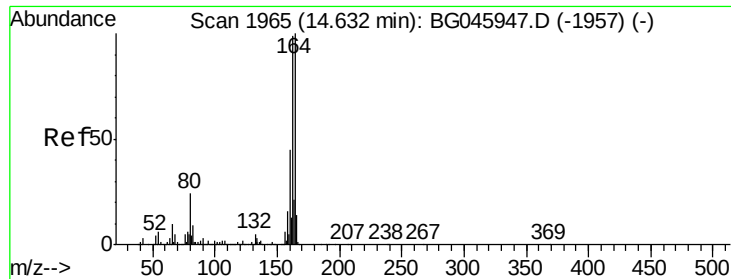
mohammad  
7/10/2020 11:45:31 AM



#38  
1-Methylnaphthalene  
Concen: 37.602 ng  
RT: 12.68 min Scan# 1632  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.6  | 75.2  | 112.8 |
| 116     | 4.3   | 3.1   | 4.7   |





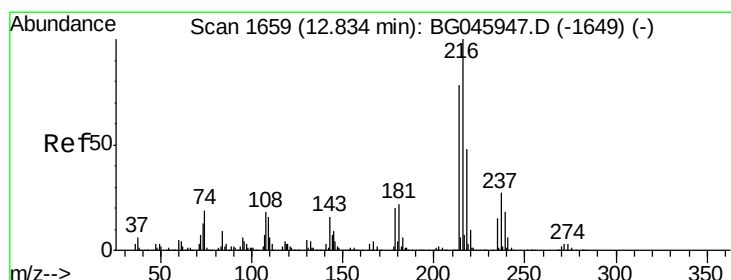
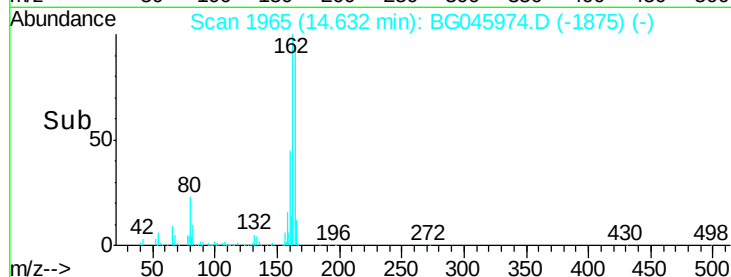
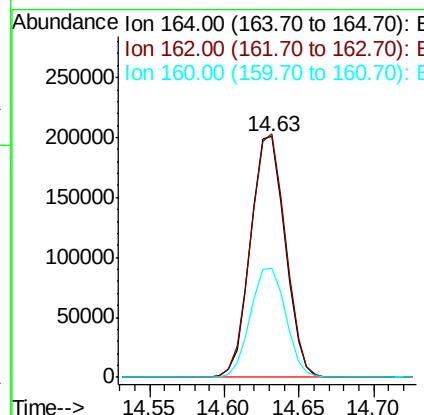
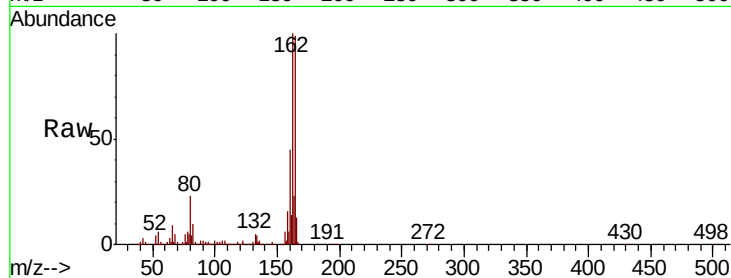
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.63 min Scan# 1965  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.1 | 79.3  | 118.9 |
| 160     | 45.2  | 35.7  | 53.5  |

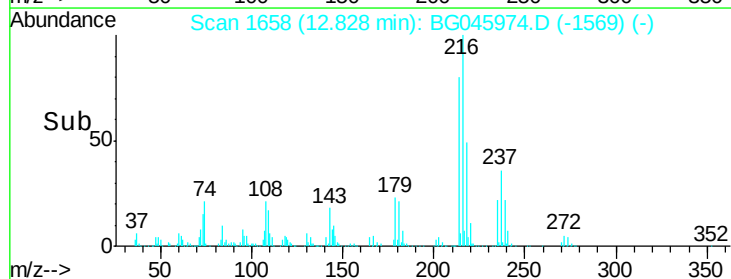
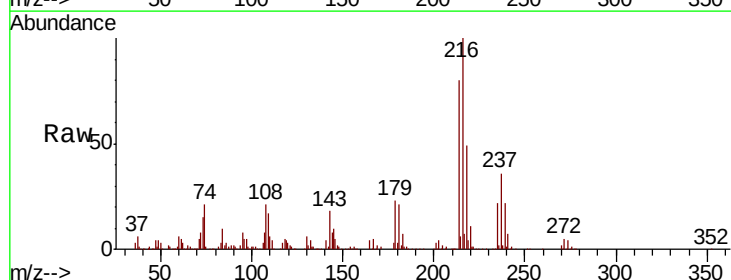
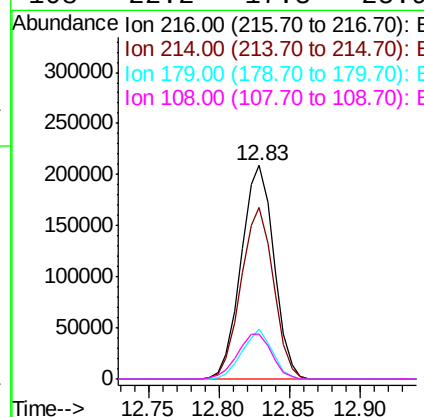
Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM

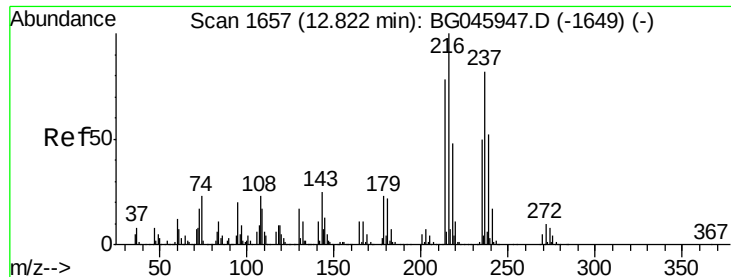


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.489 ng  
RT: 12.83 min Scan# 1658  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.3  | 63.0  | 94.4  |
| 179     | 21.3  | 17.0  | 25.6  |
| 108     | 22.2  | 17.3  | 25.9  |







#41

Hexachlorocyclopentadiene

Concen: 37.097 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

Instrument :

BNA\_G

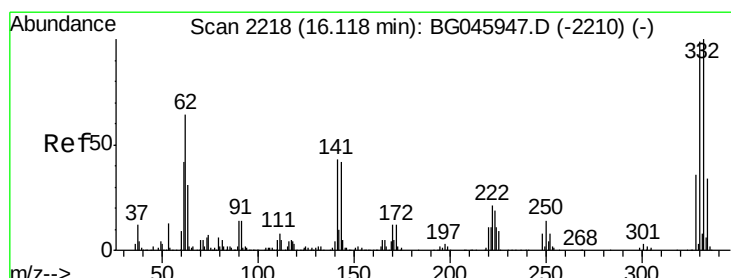
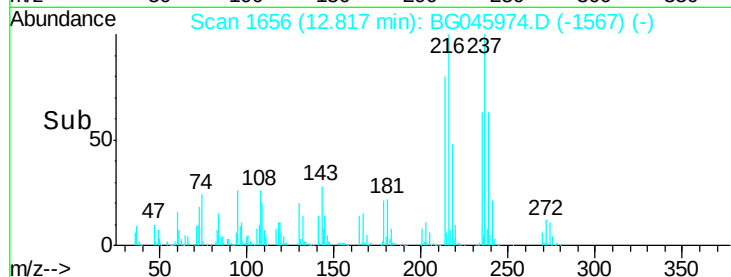
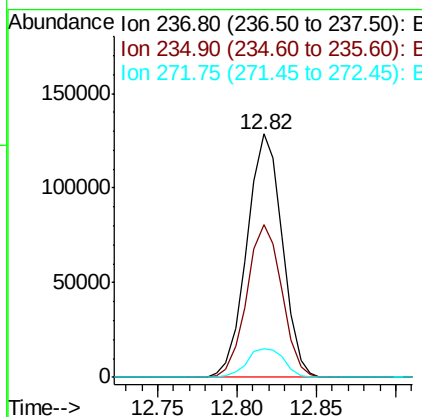
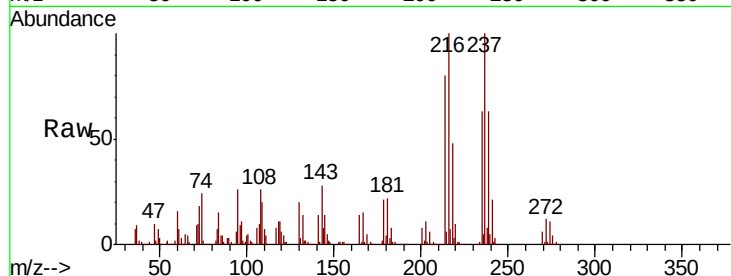
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 199014 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.6  | 41.5  | 81.5   |
| 272       | 11.8  | 0.0   | 31.7   |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



#42

2,4,6-Tribromophenol

Concen: 78.958 ng

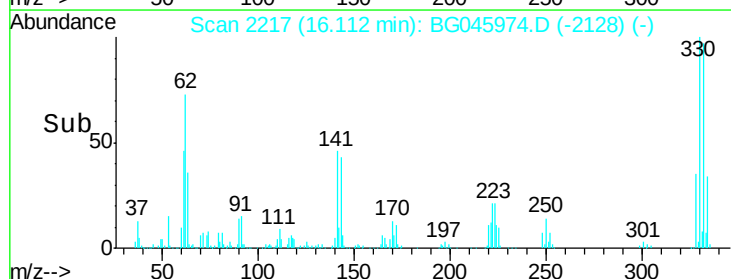
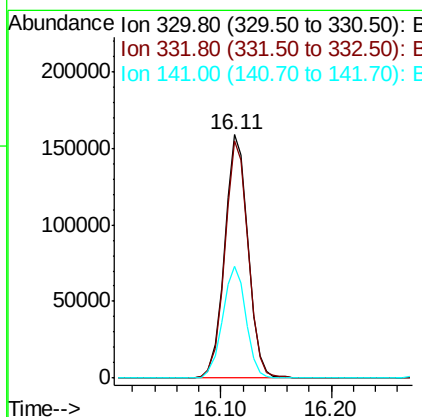
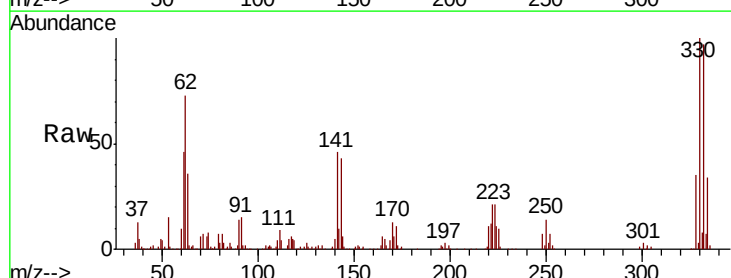
RT: 16.11 min Scan# 2217

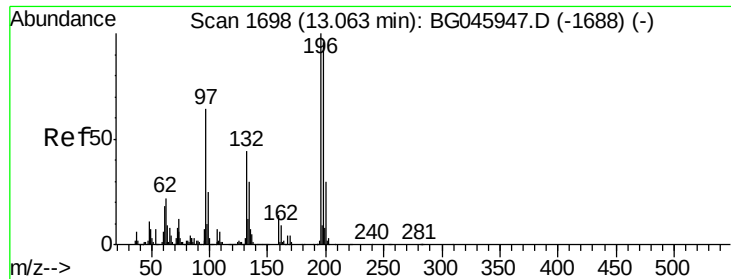
Delta R.T. -0.01 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 235038 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.1  | 78.3  | 117.5  |
| 141       | 45.8  | 36.6  | 54.8   |





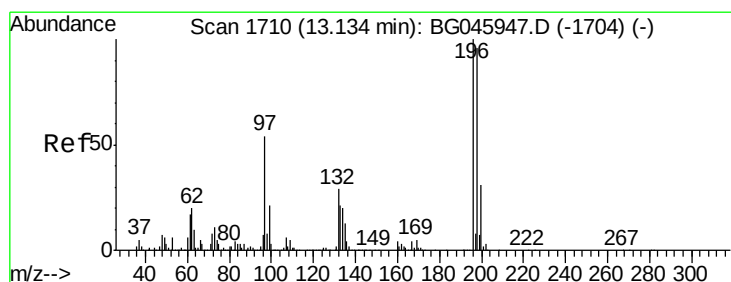
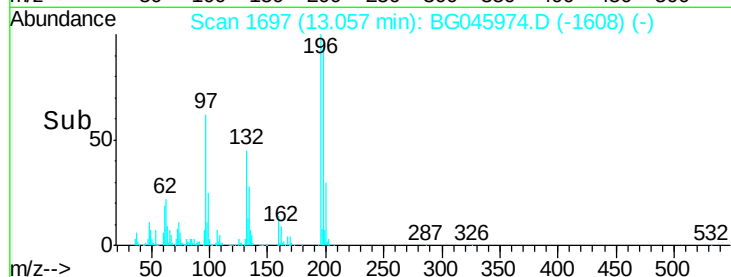
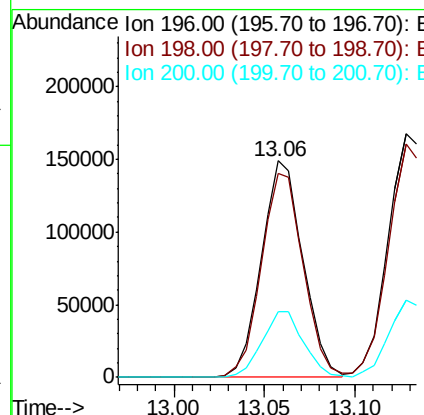
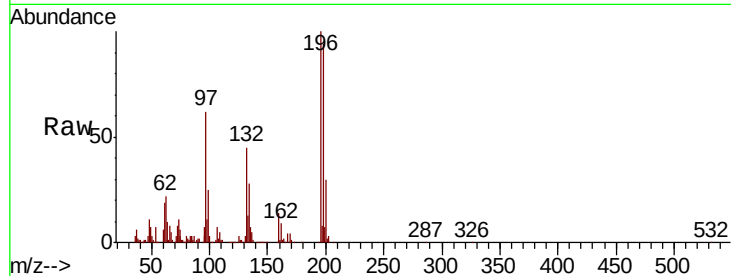
#43  
2,4,6-Trichlorophenol  
Concen: 39.115 ng  
RT: 13.06 min Scan# 1697  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.2  | 76.7  | 115.1 |
| 200     | 30.2  | 24.3  | 36.5  |

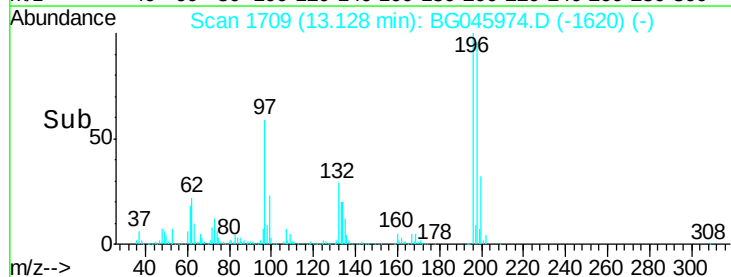
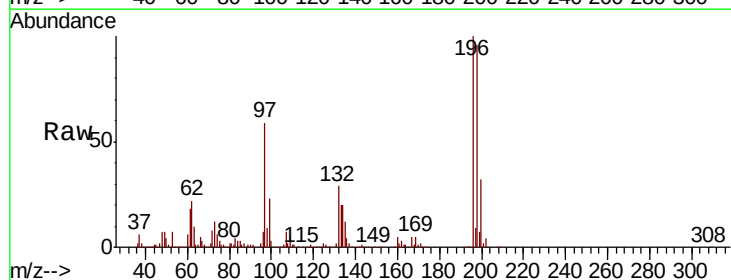
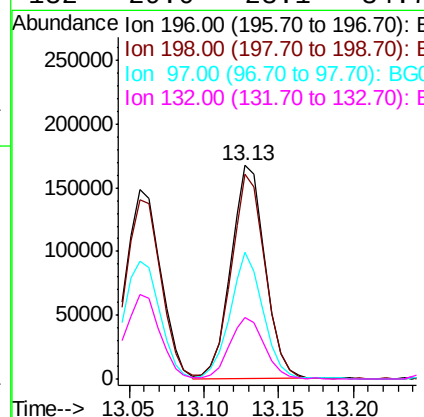
Manual Integrations  
APPROVED

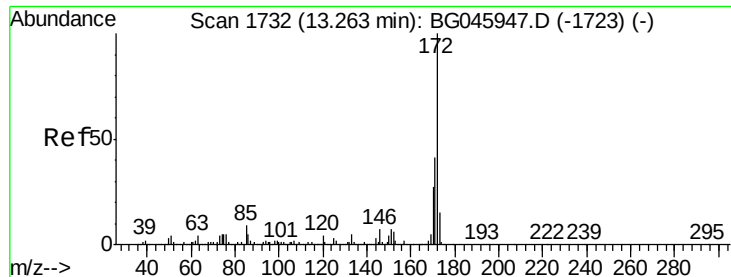
mohammad  
7/10/2020 11:45:31 AM



#44  
2,4,5-Trichlorophenol  
Concen: 38.677 ng  
RT: 13.13 min Scan# 1709  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.1  | 77.0  | 115.6 |
| 97      | 59.2  | 44.3  | 66.5  |
| 132     | 29.0  | 23.1  | 34.7  |





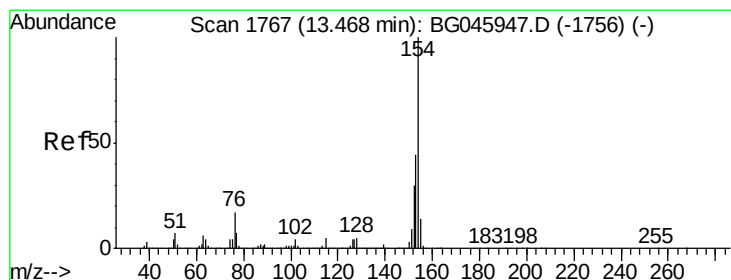
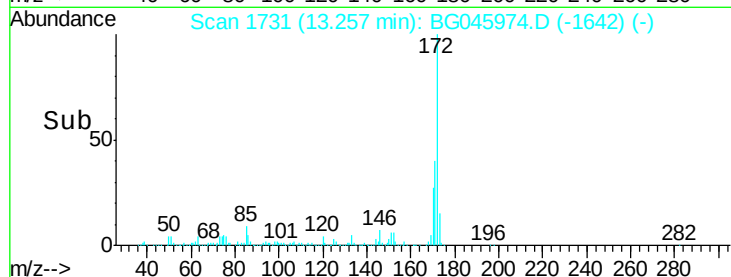
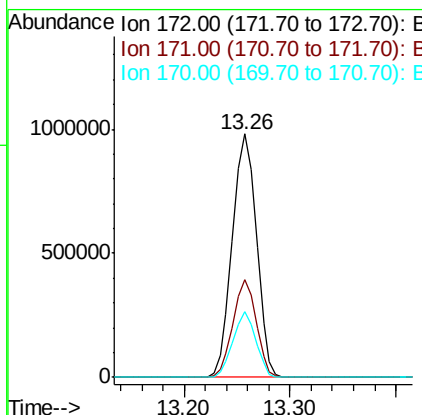
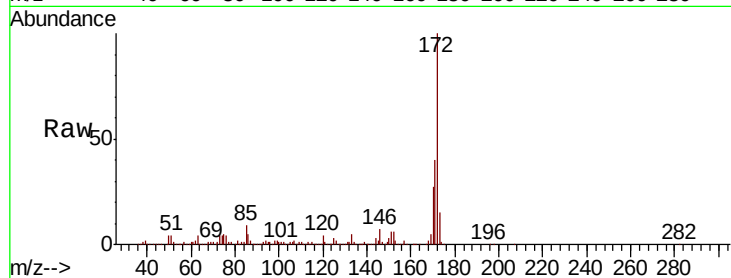
#45  
2-Fluorobiphenyl  
Concen: 75.402 ng  
RT: 13.26 min Scan# 1731  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.9  | 32.9  | 49.3  |
| 170     | 27.1  | 21.8  | 32.6  |

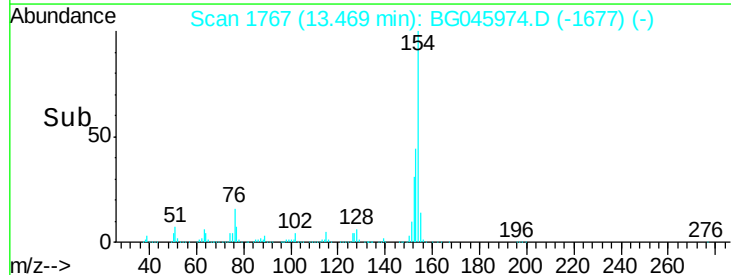
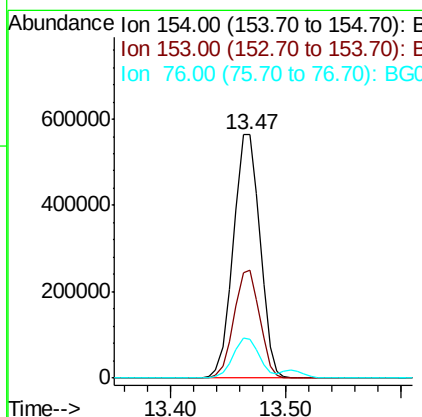
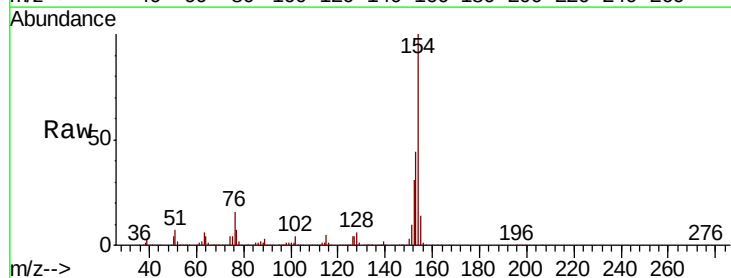
Manual Integrations  
APPROVED

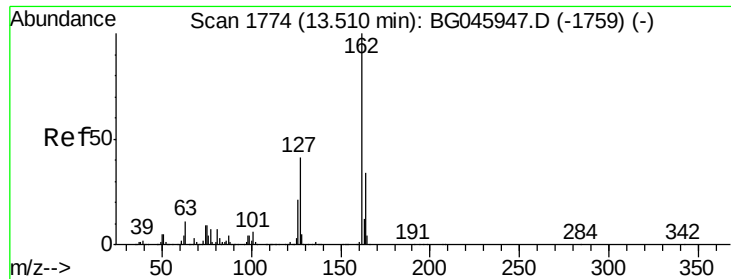
mohammad  
7/10/2020 11:45:31 AM



#46  
1,1'-Biphenyl  
Concen: 37.331 ng  
RT: 13.47 min Scan# 1767  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 44.4  | 23.6  | 63.6  |
| 76      | 15.9  | 0.0   | 36.9  |





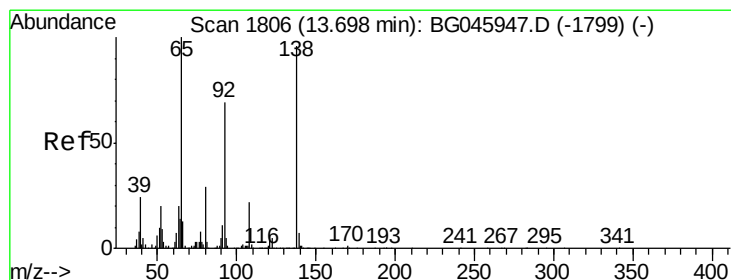
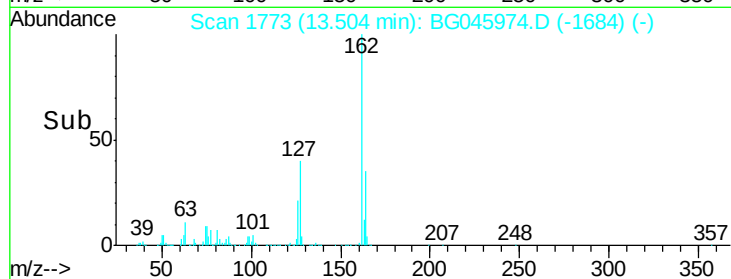
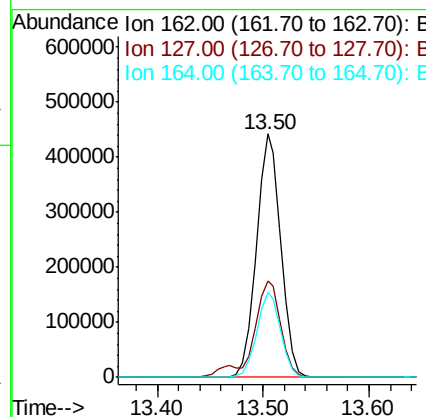
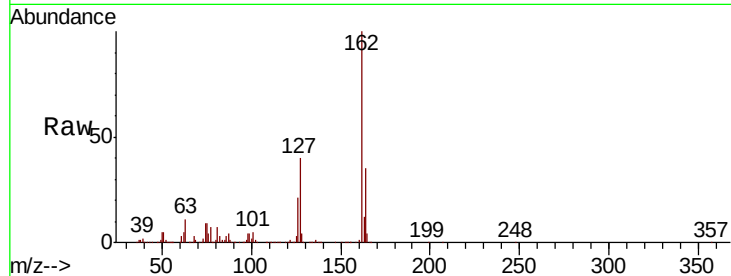
#47  
2-Chloronaphthalene  
Concen: 37.290 ng  
RT: 13.50 min Scan# 1773  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.8  | 32.5  | 48.7  |
| 164     | 34.8  | 27.2  | 40.8  |

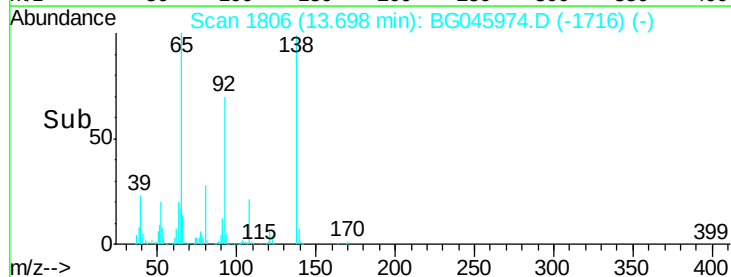
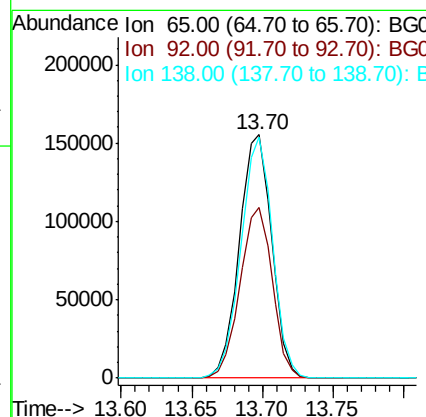
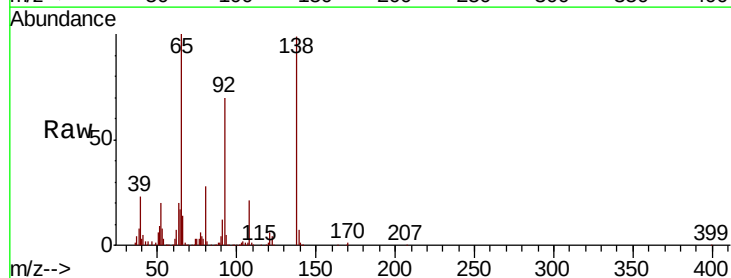
Manual Integrations  
APPROVED

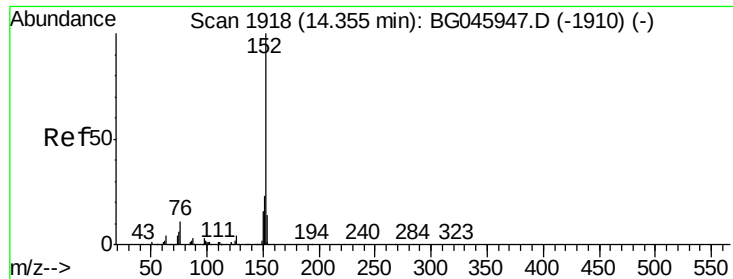
mohammad  
7/10/2020 11:45:31 AM



#48  
2-Nitroaniline  
Concen: 46.780 ng  
RT: 13.70 min Scan# 1806  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.9  | 55.4  | 83.0  |
| 138     | 99.1  | 77.0  | 115.4 |





#49

Acenaphthylene

Concen: 37.043 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1137767

Ion Ratio Lower Upper

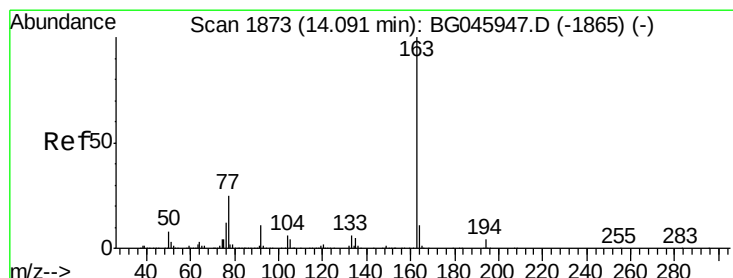
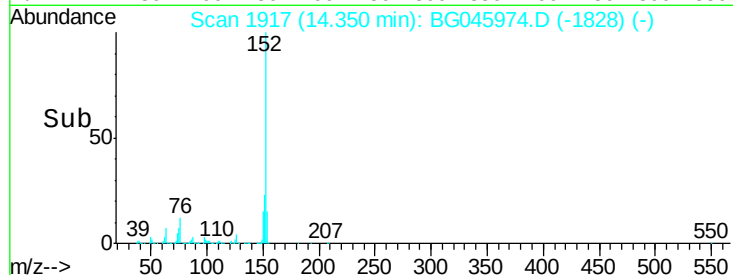
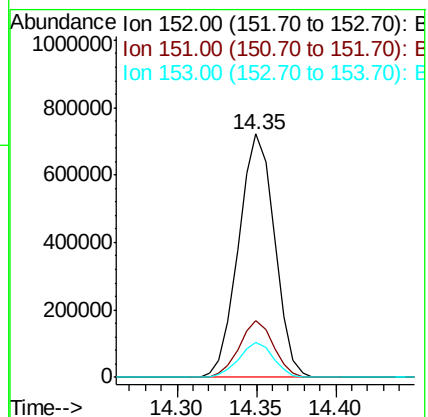
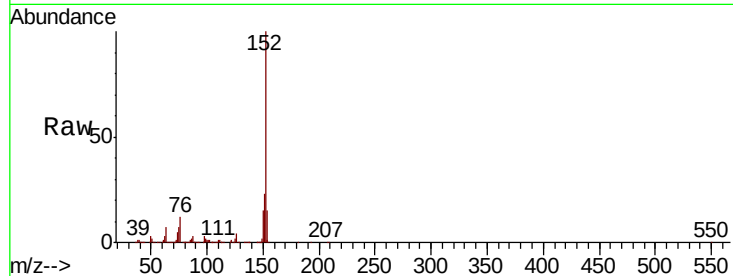
152 100

151 23.5 18.1 27.1

153 14.6 11.5 17.3

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



#50

Dimethylphthalate

Concen: 36.958 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

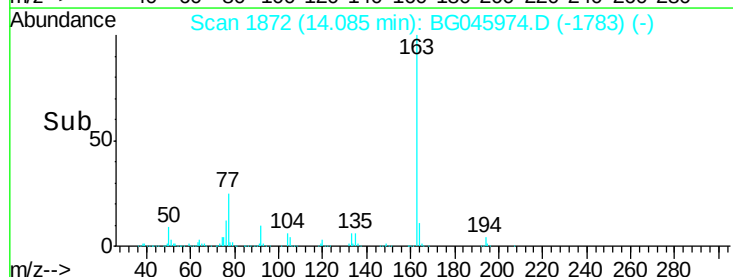
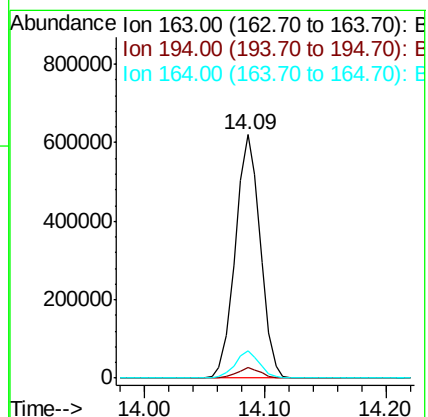
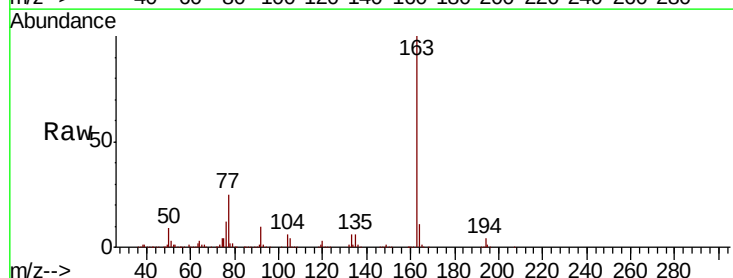
Tgt Ion:163 Resp: 889594

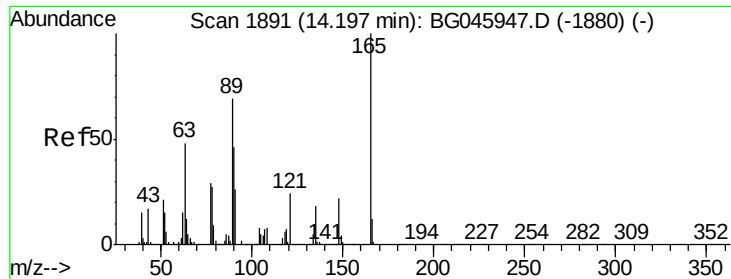
Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

164 11.1 8.9 13.3





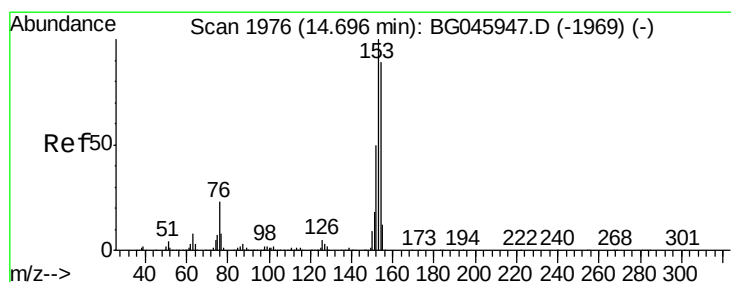
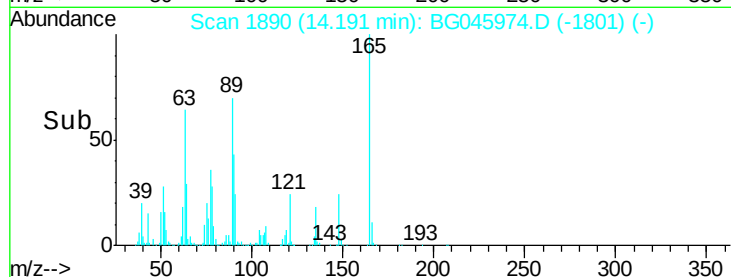
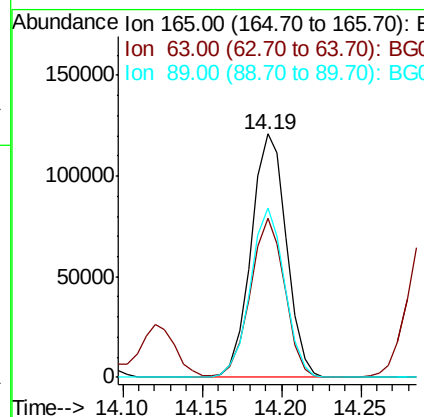
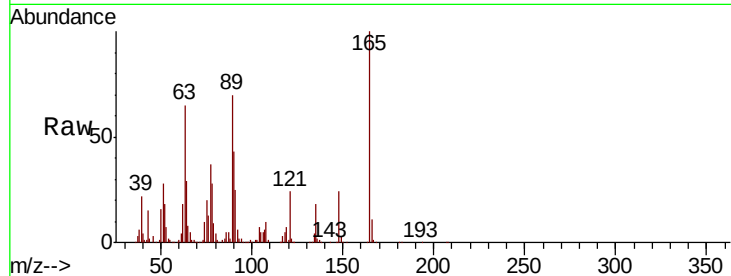
#51  
2,6-Dinitrotoluene  
Concen: 43.662 ng  
RT: 14.19 min Scan# 1890  
Delta R.T. -0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 186589 |       |       |
| 63      | 65.5  | 51.0   | 76.4  |       |
| 89      | 69.7  | 55.7   | 83.5  |       |

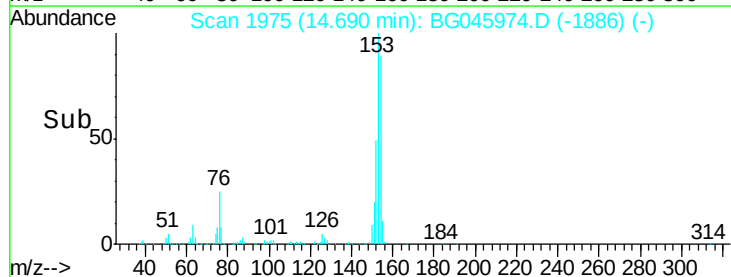
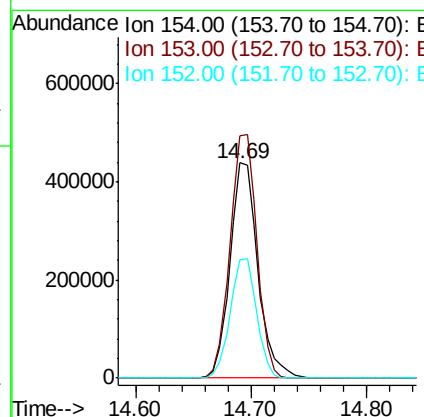
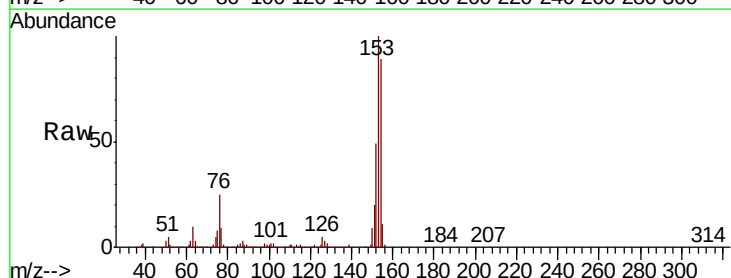
Manual Integrations  
APPROVED

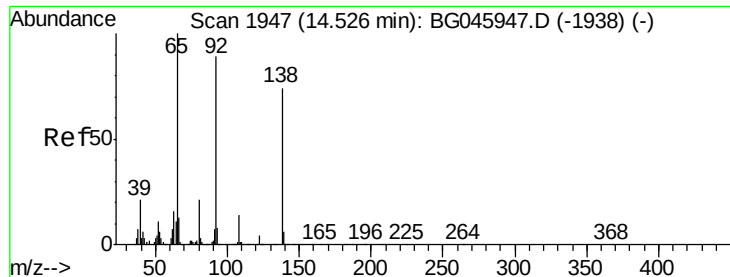
mohammad  
7/10/2020 11:45:31 AM



#52  
Acenaphthene  
Concen: 37.885 ng  
RT: 14.69 min Scan# 1975  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 733954 |       |       |
| 153     | 112.4 | 89.7   | 134.5 |       |
| 152     | 54.8  | 44.7   | 67.1  |       |





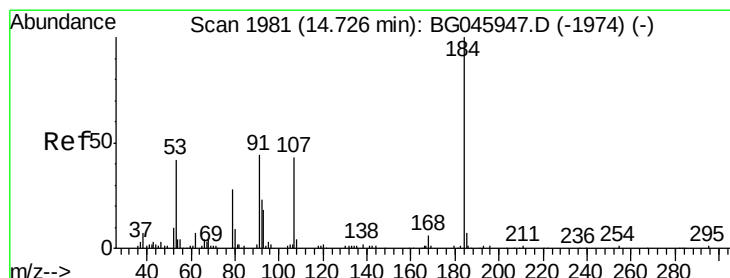
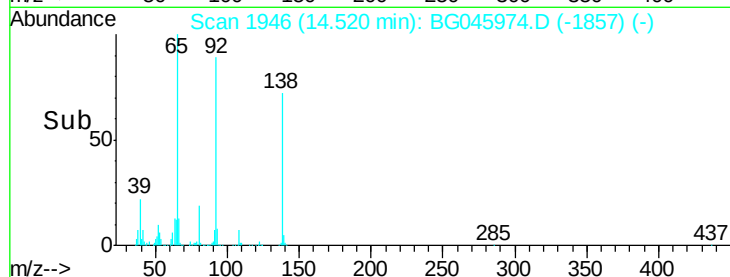
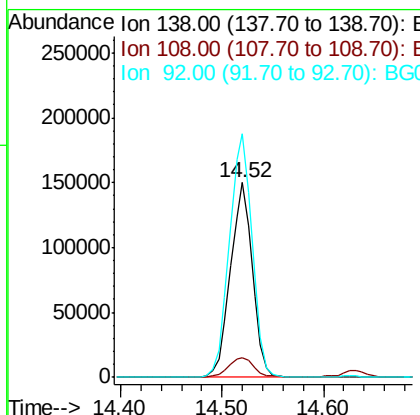
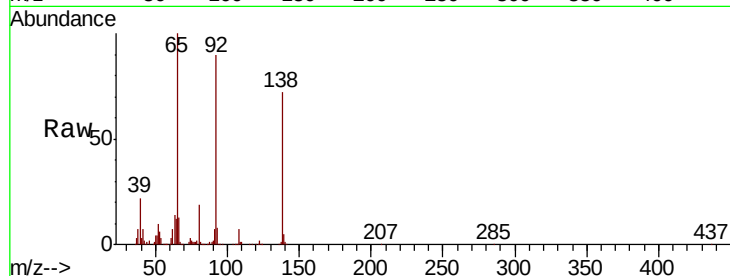
#53  
3-Nitroaniline  
Concen: 42.954 ng  
RT: 14.52 min Scan# 1946  
Delta R.T. -0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 15.4  | 23.2# |
| 92      | 125.2 | 95.9  | 143.9 |

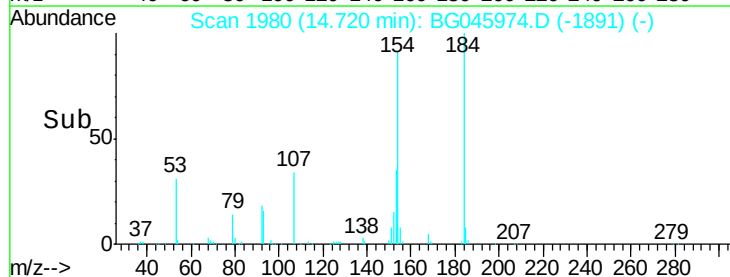
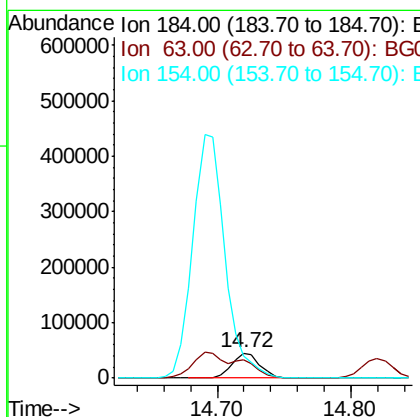
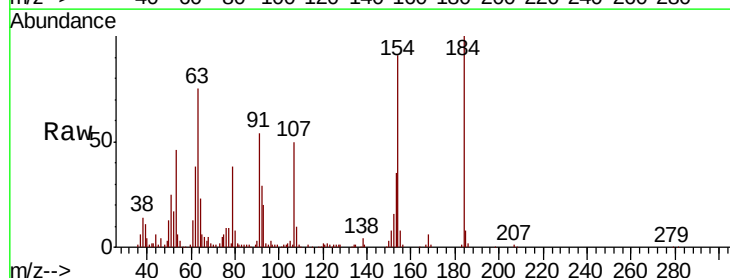
Manual Integrations  
APPROVED

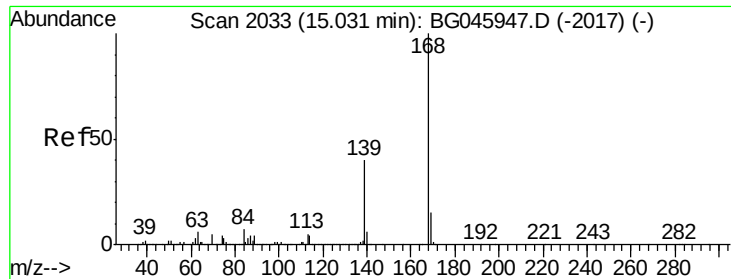
mohammad  
7/10/2020 11:45:31 AM



#54  
2,4-Dinitrophenol  
Concen: 44.236 ng  
RT: 14.72 min Scan# 1980  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 75.5  | 46.0  | 69.0# |
| 154     | 91.5  | 58.2  | 87.2# |





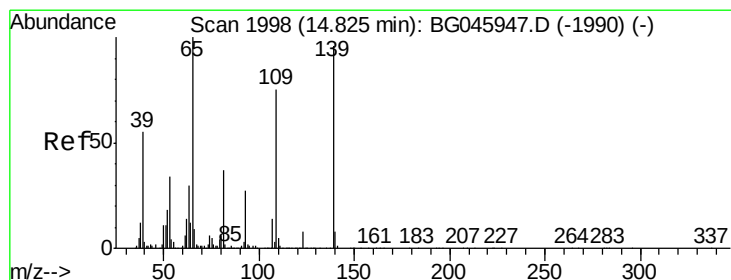
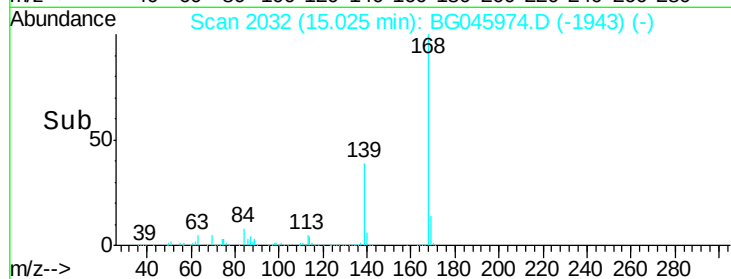
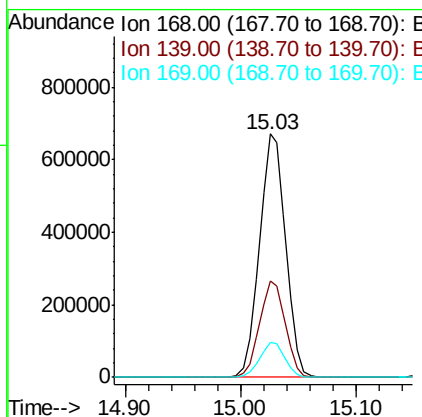
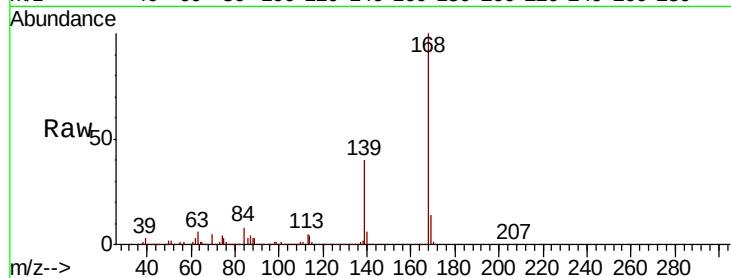
#55  
Dibenzofuran  
Concen: 37.211 ng  
RT: 15.03 min Scan# 2032  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.8  | 32.2  | 48.2  |
| 169     | 14.2  | 11.8  | 17.8  |

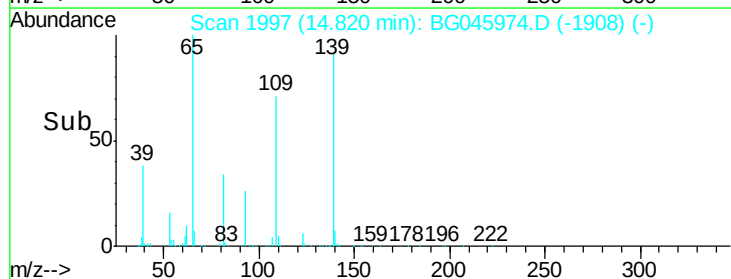
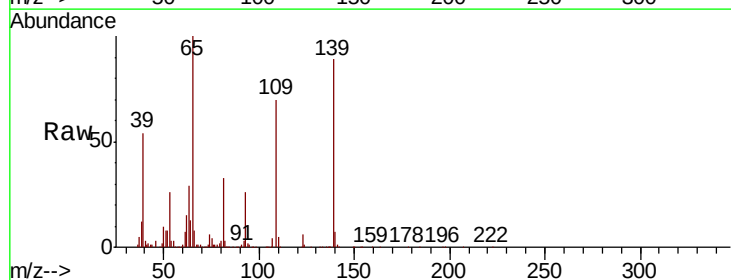
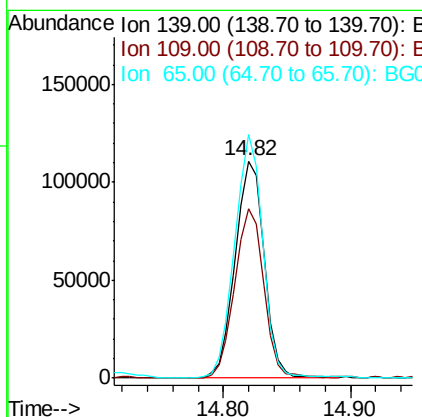
Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM

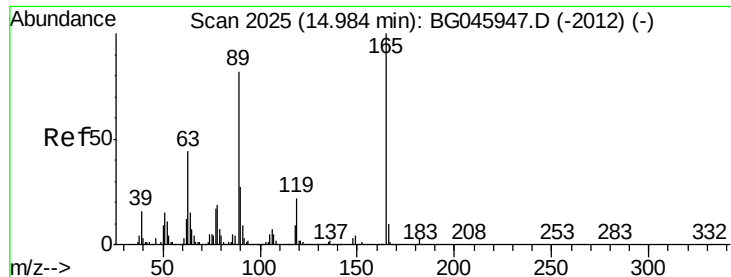


#56  
4-Nitrophenol  
Concen: 44.959 ng  
RT: 14.82 min Scan# 1997  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 78.0  | 58.5  | 98.5  |
| 65      | 112.0 | 84.7  | 124.7 |







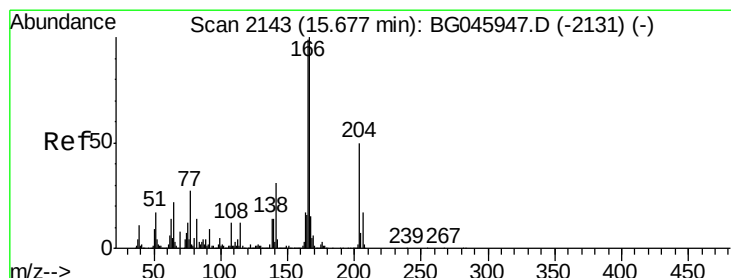
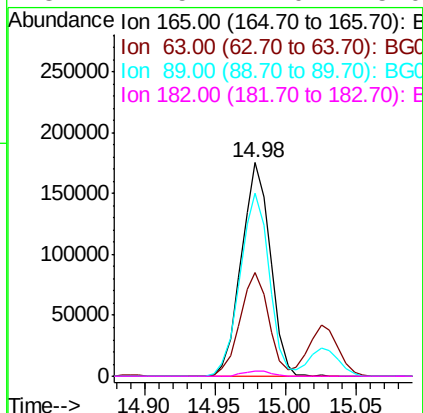
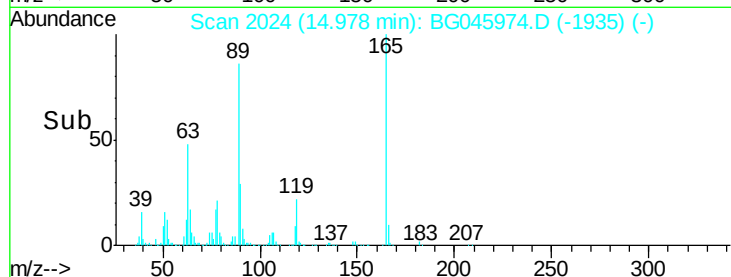
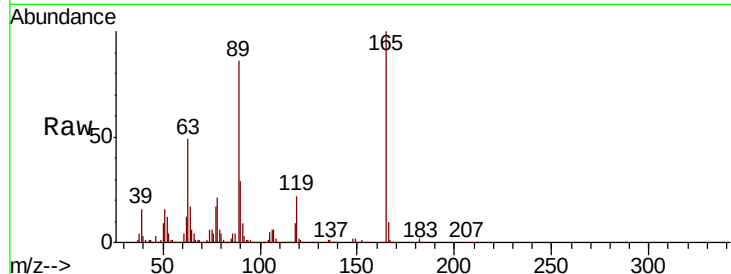
#57  
2,4-Dinitrotoluene  
Concen: 45.983 ng  
RT: 14.98 min Scan# 2024  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.5  | 35.4  | 53.0  |
| 89      | 85.6  | 65.4  | 98.2  |
| 182     | 2.5   | 2.0   | 3.0   |

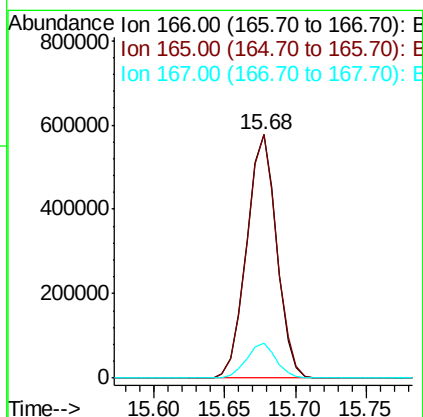
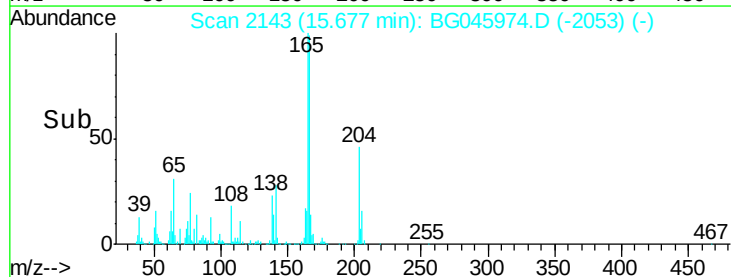
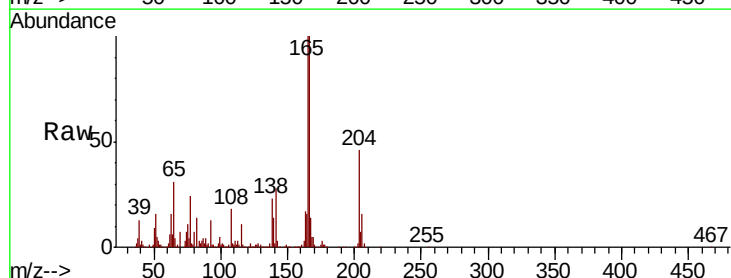
Manual Integrations  
APPROVED

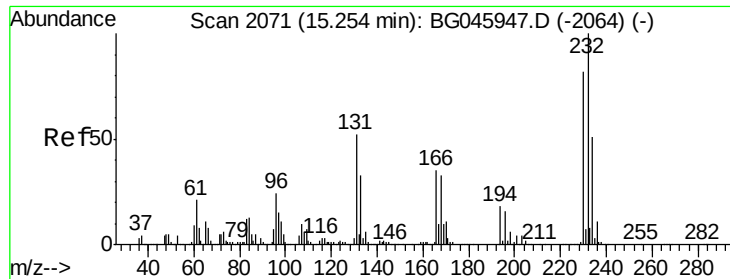
mohammad  
7/10/2020 11:45:31 AM



#58  
Fluorene  
Concen: 36.977 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.8  | 78.9  | 118.3 |
| 167     | 14.5  | 12.1  | 18.1  |





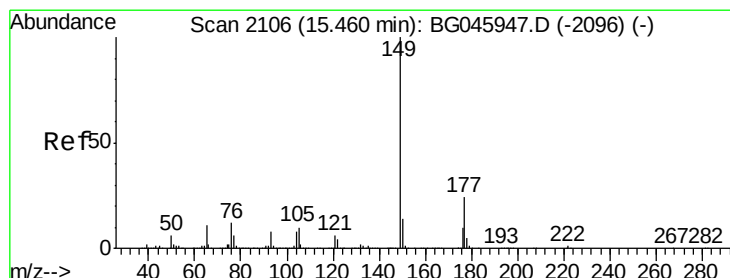
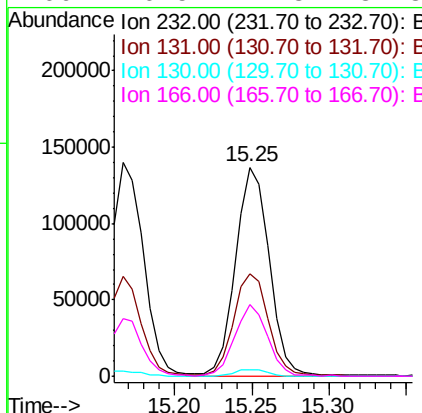
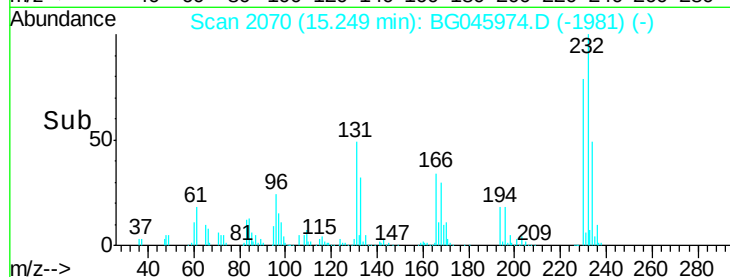
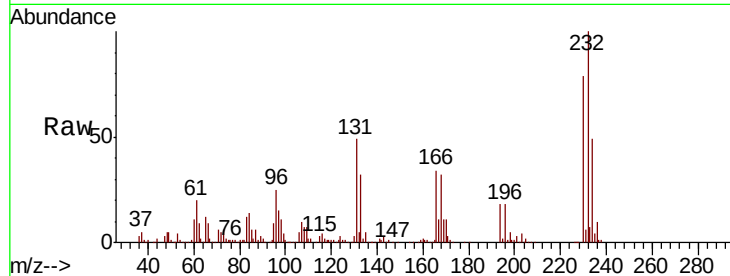
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.781 ng  
 RT: 15.25 min Scan# 2070  
 Delta R.T. -0.01 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 212343 |       |       |
| 131     | 44.8  | 35.8   | 53.6  |       |
| 130     | 2.6   | 2.5    | 3.7   |       |
| 166     | 26.5  | 21.8   | 32.8  |       |

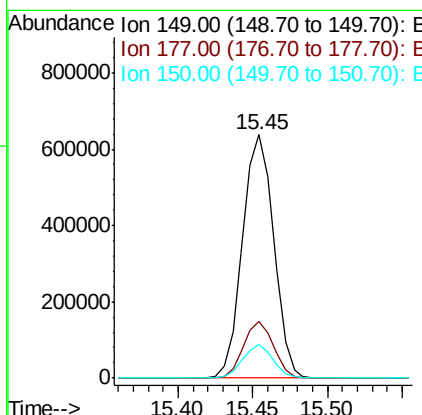
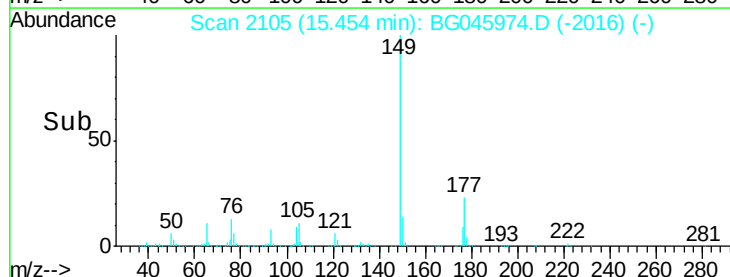
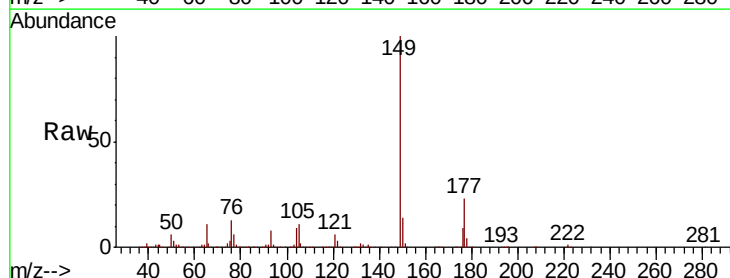
Manual Integrations  
 APPROVED

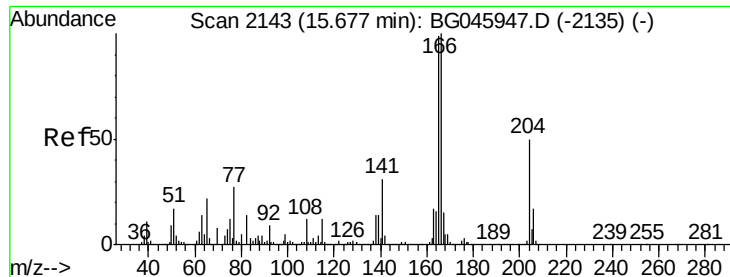
mohammad  
 7/10/2020 11:45:31 AM



#60  
 Diethylphthalate  
 Concen: 36.512 ng  
 RT: 15.45 min Scan# 2105  
 Delta R.T. -0.01 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 921686 |       |       |
| 177     | 23.2  | 19.0   | 28.4  |       |
| 150     | 13.9  | 11.0   | 16.4  |       |





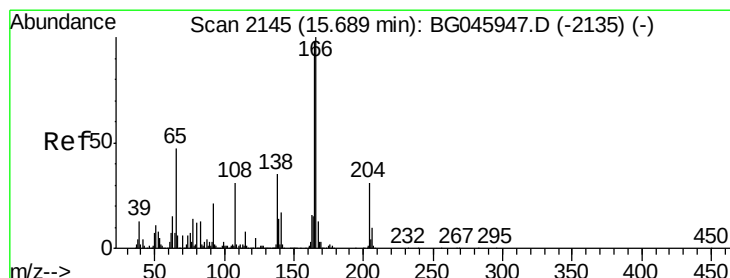
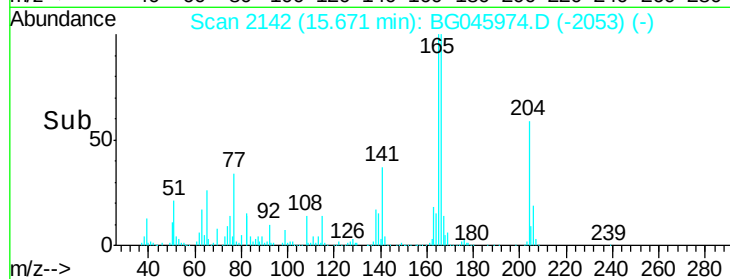
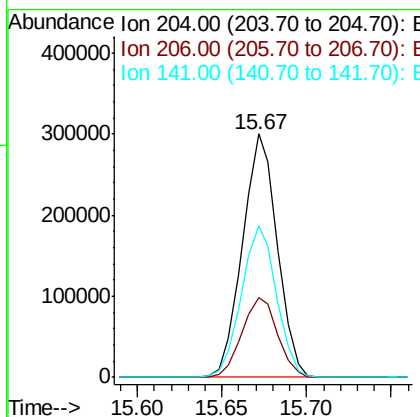
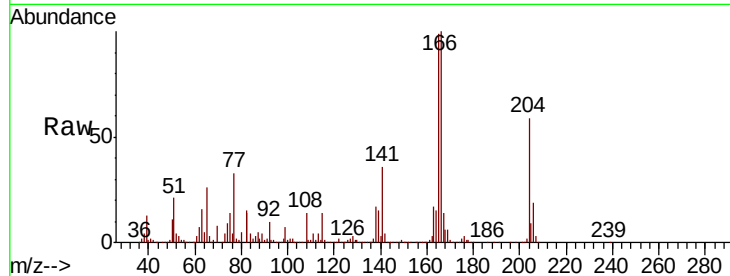
#61  
4-Chlorophenyl-phenylether  
Concen: 37.008 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.8  | 27.1  | 40.7  |
| 141     | 62.2  | 49.8  | 74.8  |

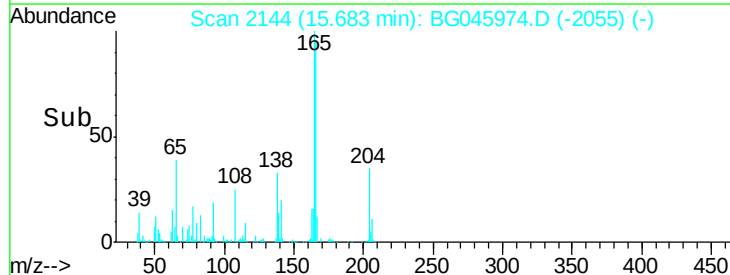
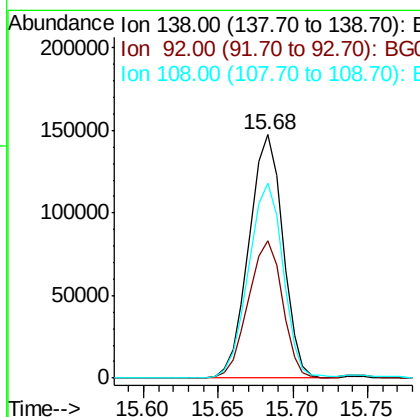
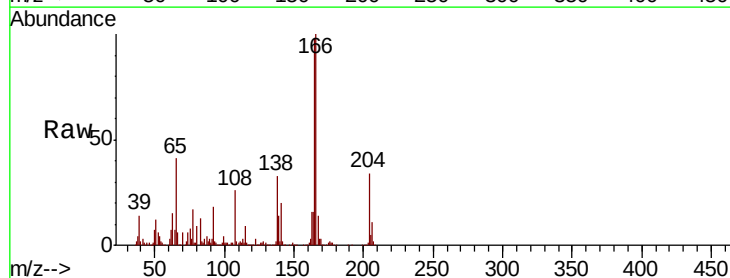
Manual Integrations  
APPROVED

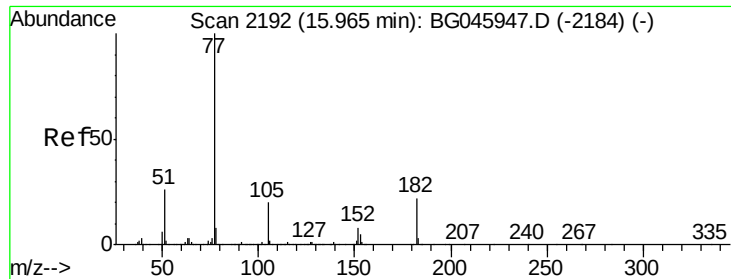
mohammad  
7/10/2020 11:45:31 AM



#62  
4-Nitroaniline  
Concen: 46.685 ng  
RT: 15.68 min Scan# 2144  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 56.3  | 40.3  | 80.3  |
| 108     | 79.8  | 68.0  | 108.0 |





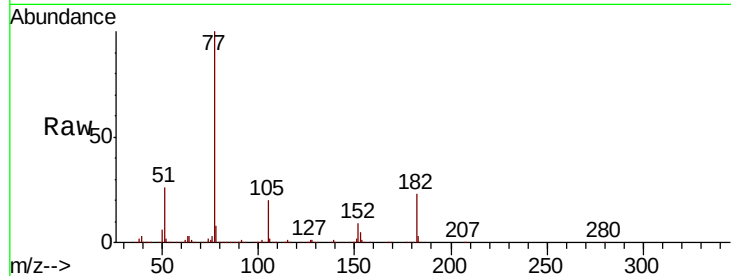
#63  
Azobenzene  
Concen: 37.896 ng  
RT: 15.97 min Scan# 2192  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

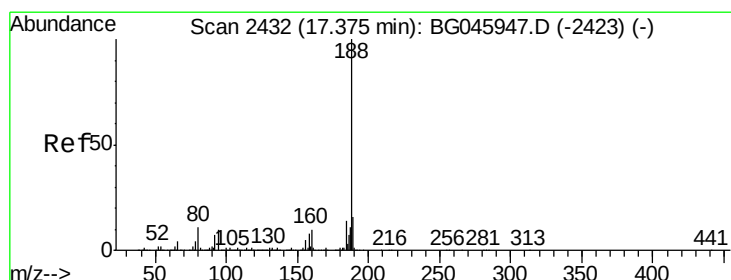
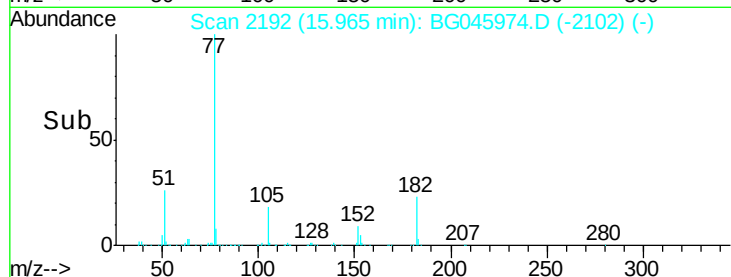
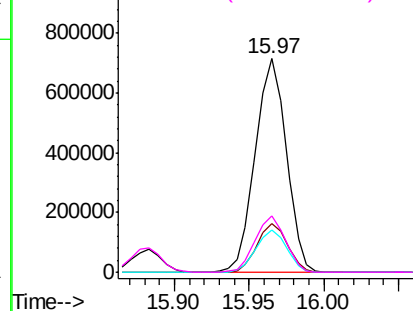
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 23.0 | 2.4   | 42.4  |       |
| 105     | 20.0 | 0.3   | 40.3  |       |
| 51      | 26.2 | 6.3   | 46.3  |       |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



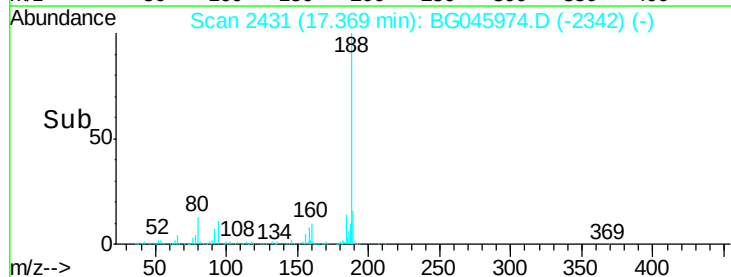
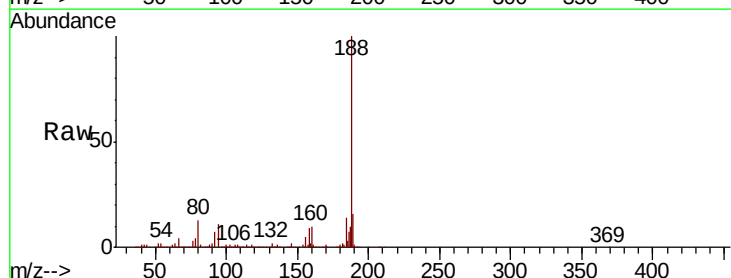
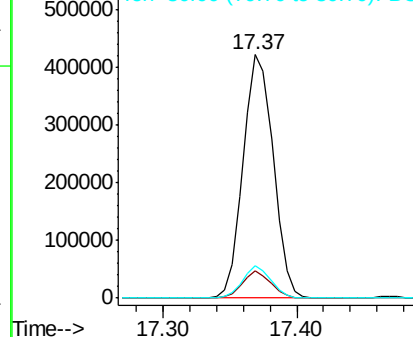
Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

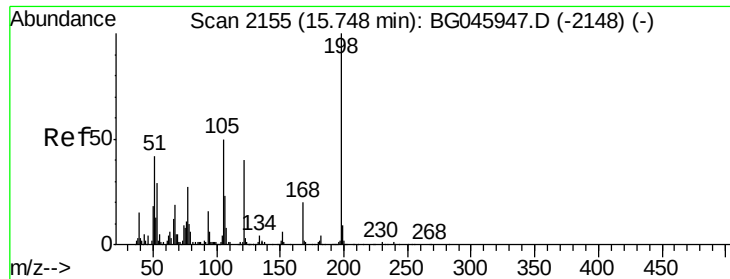


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.37 min Scan# 2431  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 11.3 | 8.2   | 12.4  |       |
| 80      | 13.2 | 9.0   | 13.6  |       |

Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.047 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

Instrument :

BNA\_G

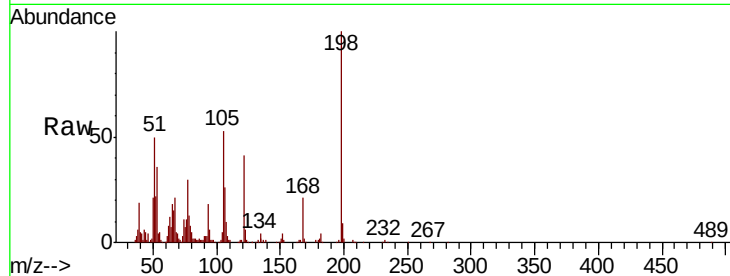
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 100842 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 49.9  | 24.5  | 64.5   |
| 105       | 52.9  | 30.9  | 70.9   |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM

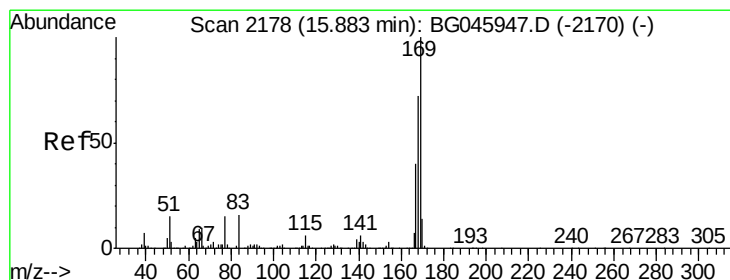
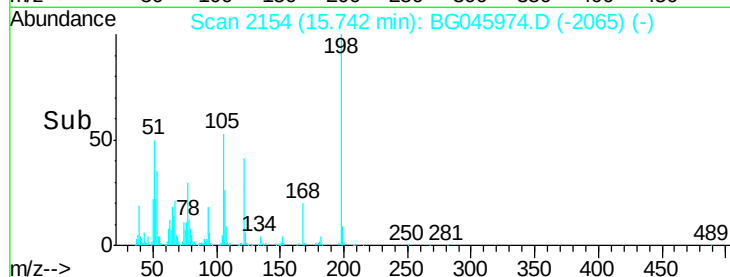
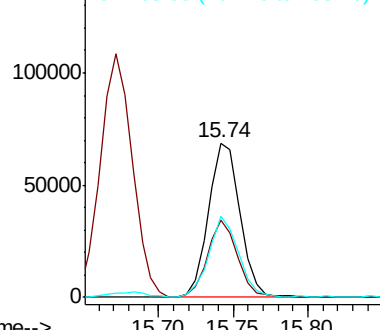


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGO

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.331 ng

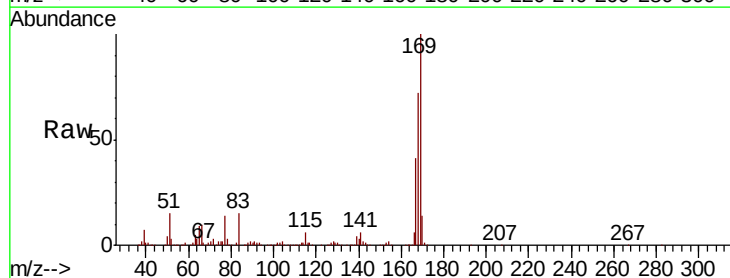
RT: 15.88 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 760321 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 72.3  | 57.3  | 85.9   |
| 167       | 40.5  | 32.1  | 48.1   |

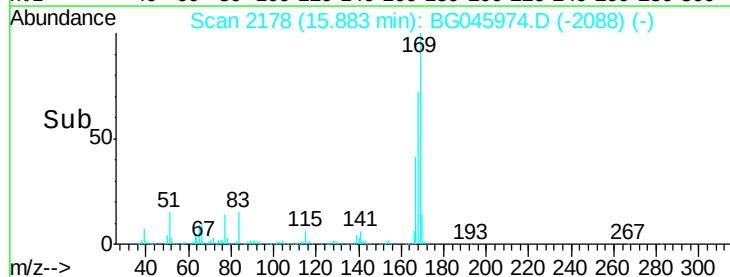
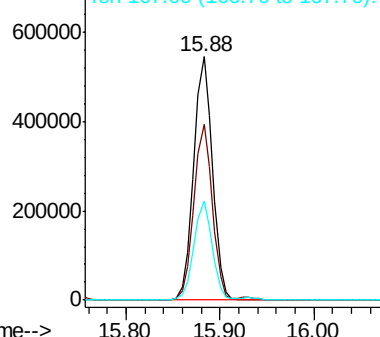


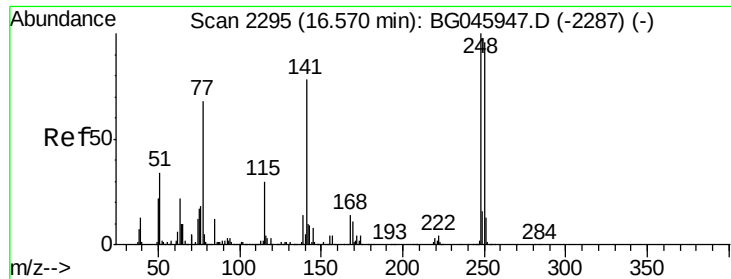
Abundance

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





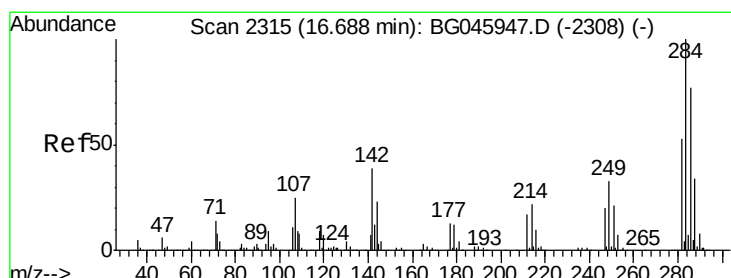
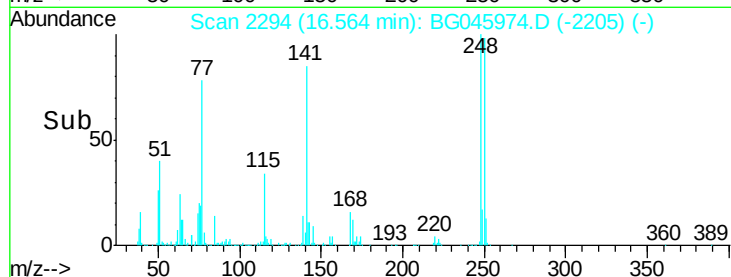
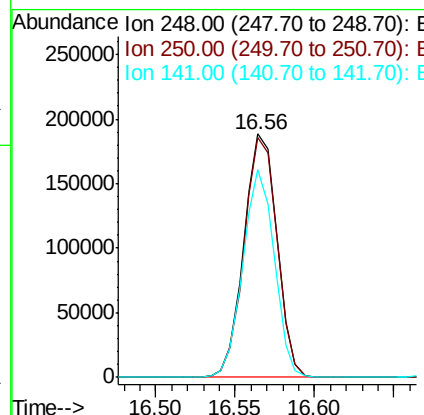
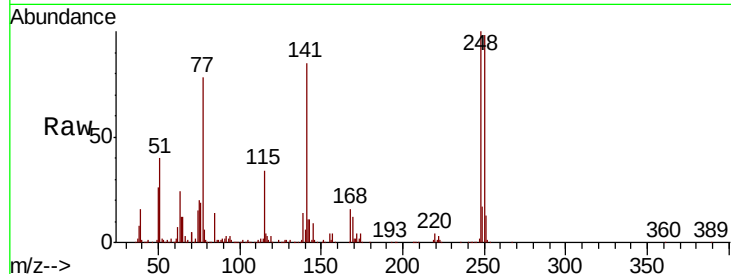
#67  
 4-Bromophenyl-phenylether  
 Concen: 37.133 ng  
 RT: 16.56 min Scan# 2294  
 Delta R.T. -0.01 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.5  | 76.6  | 114.8 |
| 141     | 85.3  | 62.7  | 94.1  |

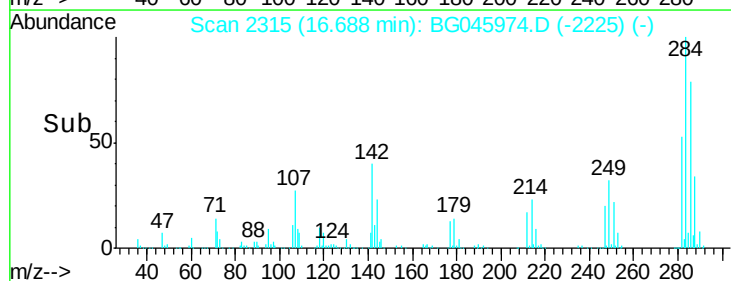
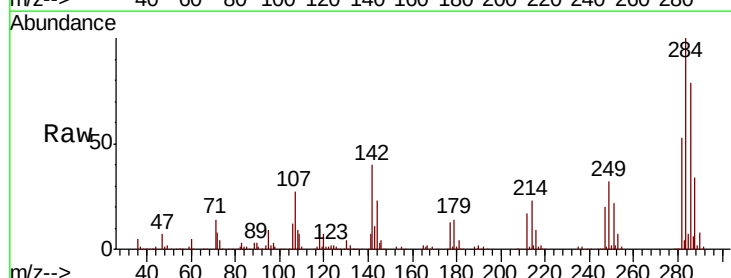
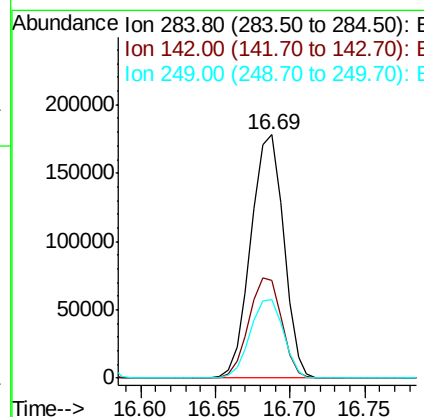
Manual Integrations  
 APPROVED

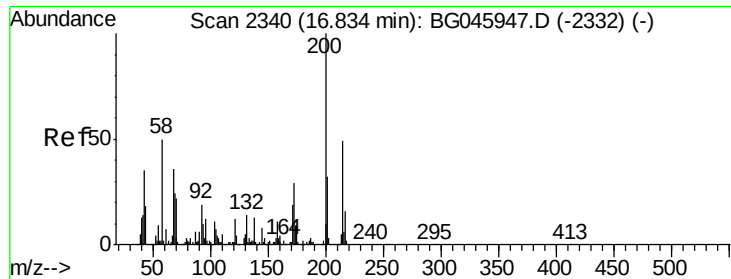
mohammad  
 7/10/2020 11:45:31 AM



#68  
 Hexachlorobenzene  
 Concen: 36.751 ng  
 RT: 16.69 min Scan# 2315  
 Delta R.T. 0.00 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 40.1  | 31.3  | 46.9  |
| 249     | 32.2  | 26.8  | 40.2  |





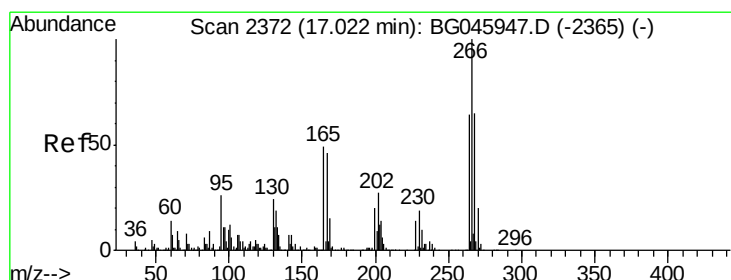
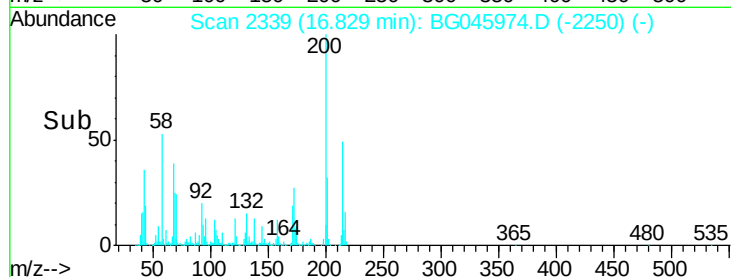
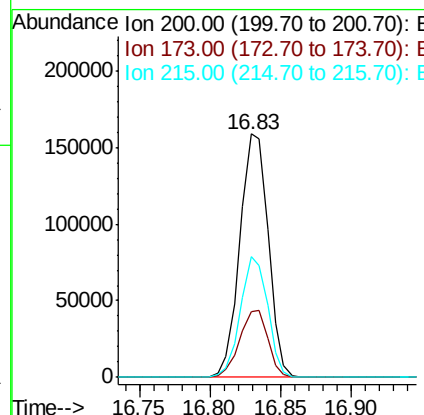
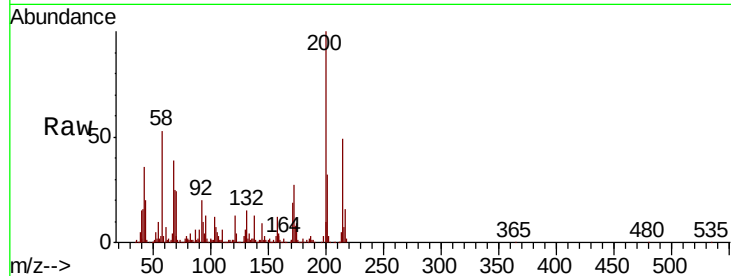
#69  
Atrazine  
Concen: 37.096 ng  
RT: 16.83 min Scan# 2339  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.9  | 9.1   | 49.1  |
| 215     | 49.4  | 28.8  | 68.8  |

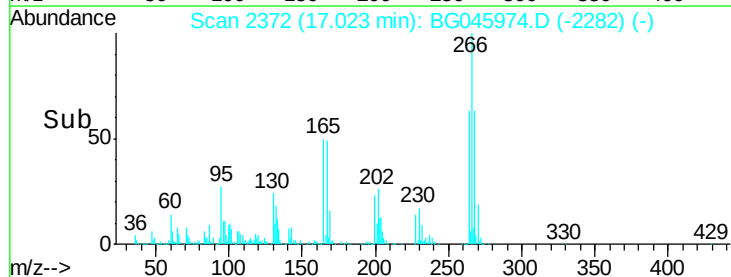
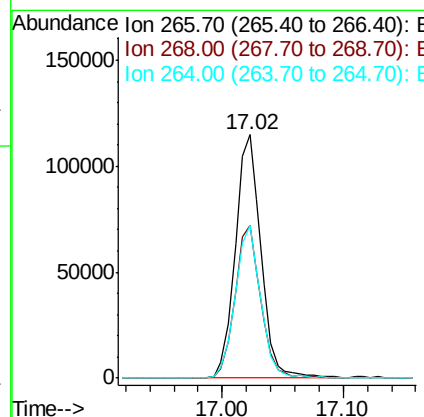
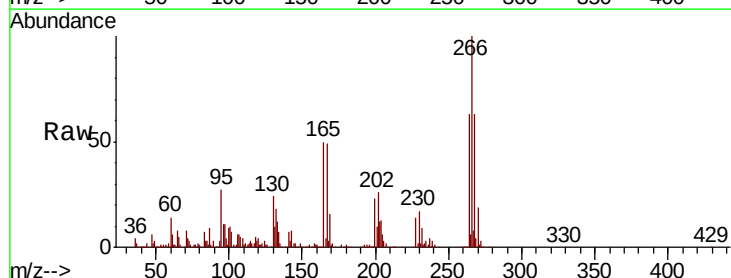
Manual Integrations  
APPROVED

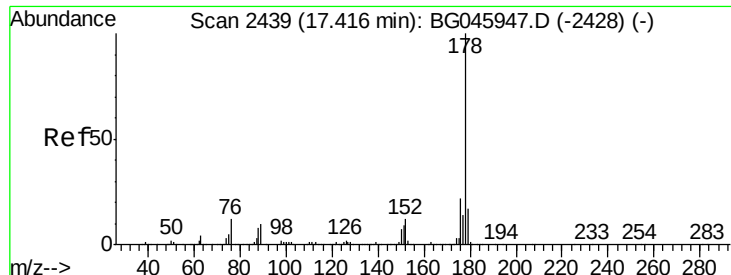
mohammad  
7/10/2020 11:45:31 AM



#70  
Pentachlorophenol  
Concen: 41.383 ng  
RT: 17.02 min Scan# 2372  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.9  | 51.8  | 77.8  |
| 264     | 62.7  | 51.4  | 77.0  |





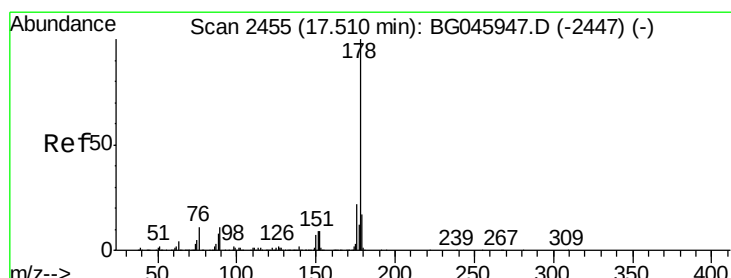
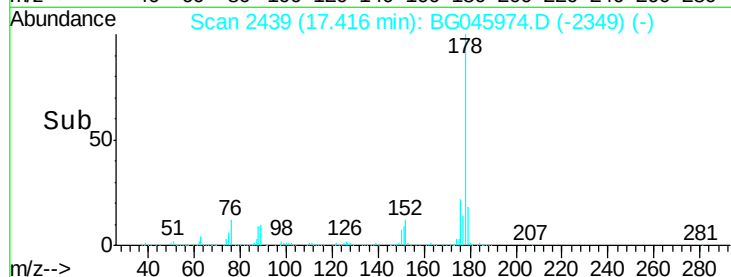
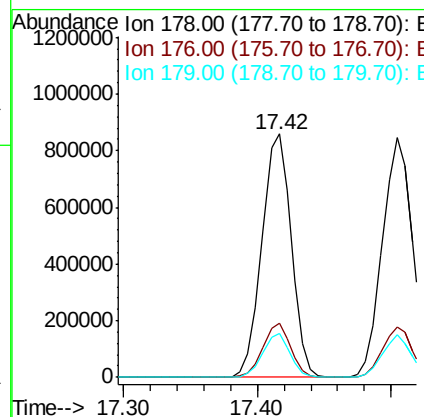
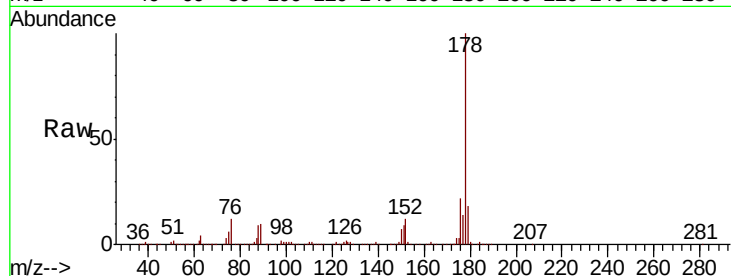
#71  
Phenanthrene  
Concen: 37.545 ng  
RT: 17.42 min Scan# 2439  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:178 Resp: 1304576  
Ion Ratio Lower Upper  
178 100  
176 22.2 17.4 26.2  
179 17.8 13.4 20.2

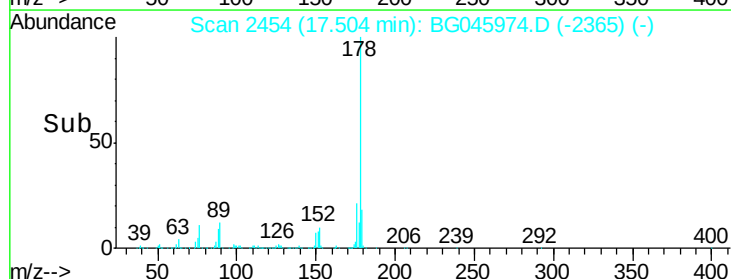
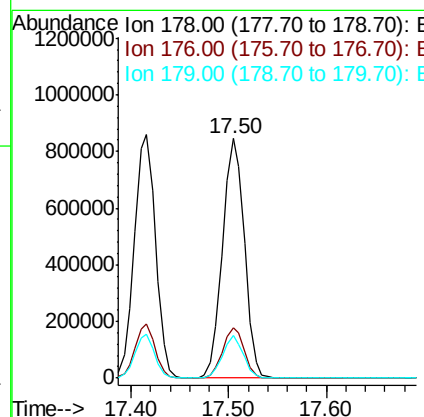
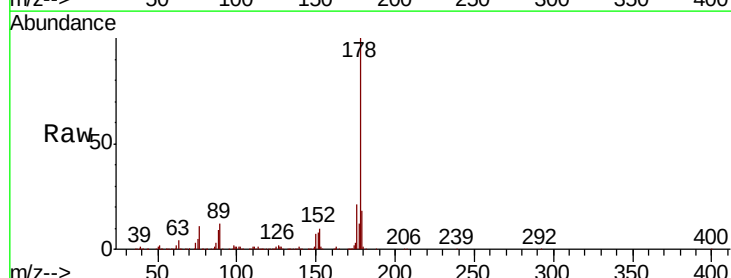
Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM

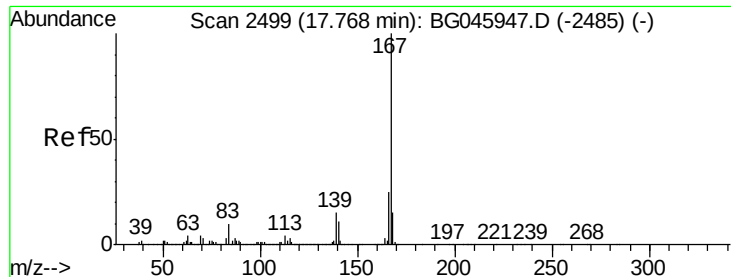


#72  
Anthracene  
Concen: 37.260 ng  
RT: 17.50 min Scan# 2454  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Tgt Ion:178 Resp: 1313903  
Ion Ratio Lower Upper  
178 100  
176 21.2 17.2 25.8  
179 17.7 14.0 21.0







#73

Carbazole

Concen: 37.576 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1328152

Ion Ratio Lower Upper

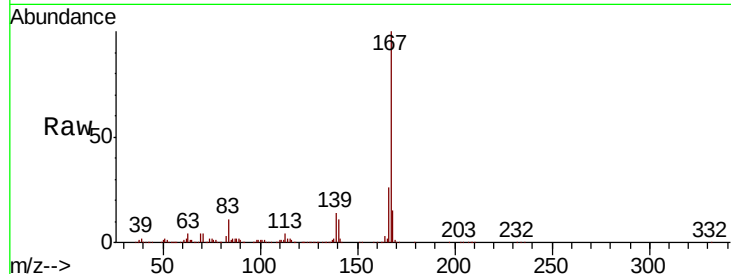
167 100

166 25.5 20.4 30.6

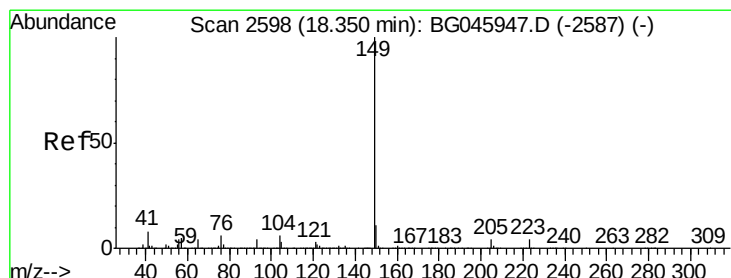
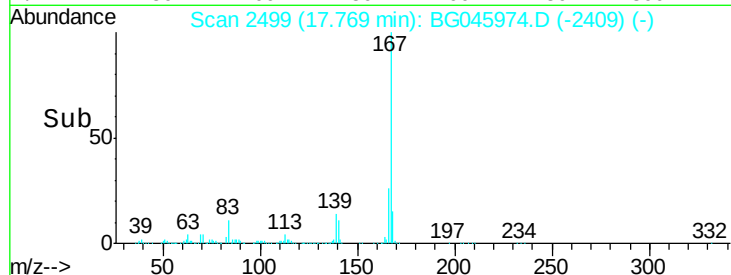
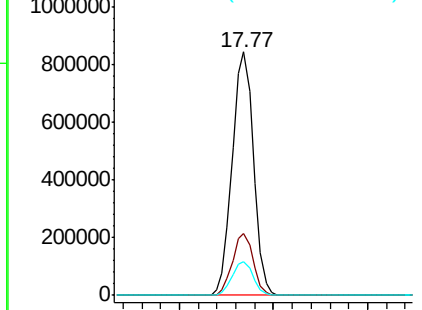
139 13.8 11.8 17.8

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.067 ng

RT: 18.34 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

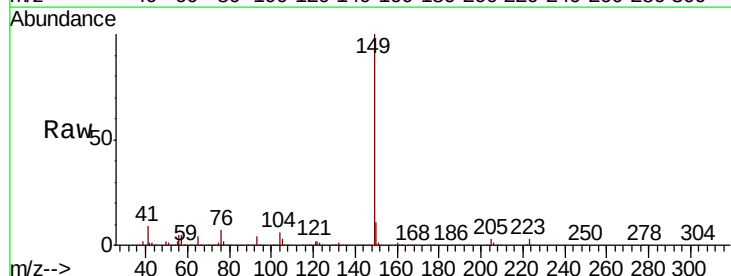
Tgt Ion:149 Resp: 1583225

Ion Ratio Lower Upper

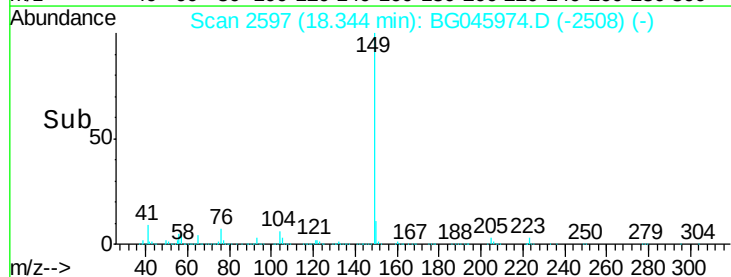
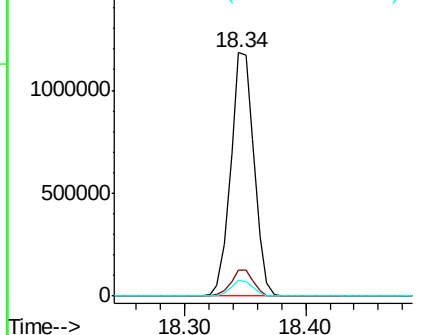
149 100

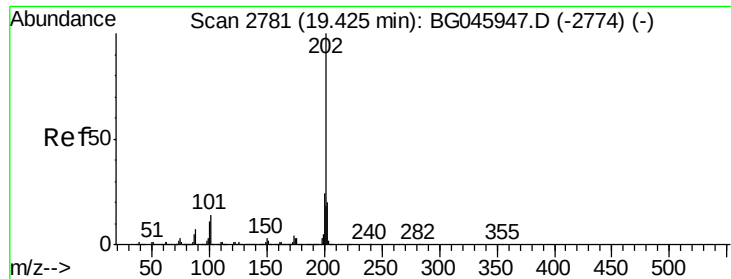
150 10.8 9.0 13.4

104 6.4 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.972 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

Instrument :

BNA\_G

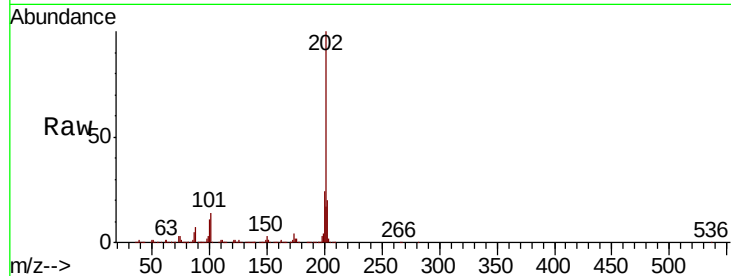
ClientSampleId :

SSTDCCC040

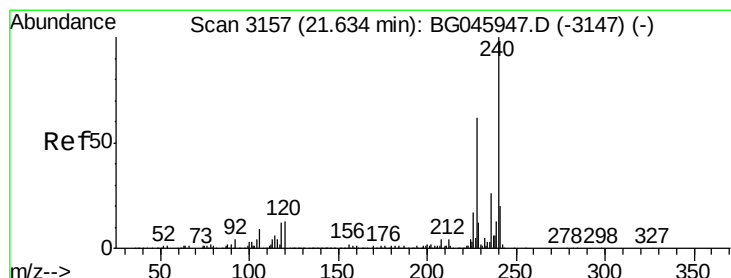
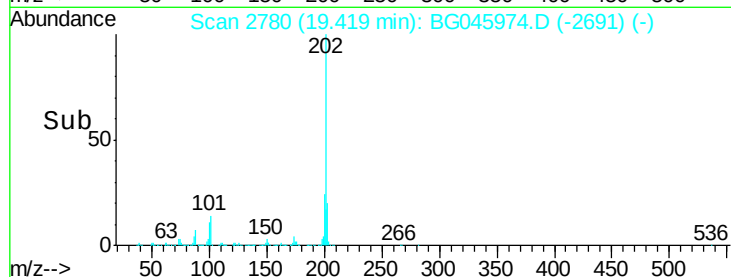
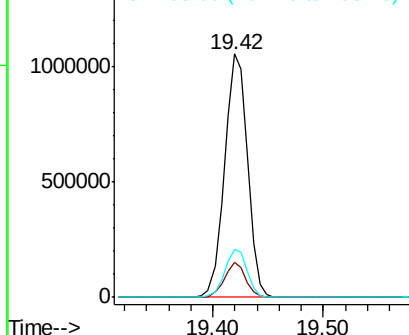
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1525271 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 14.2  | 0.0   | 33.8    |
| 203      | 19.8  | 0.4   | 40.4    |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



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



#76

Chrysene-d12

Concen: 20.000 ng

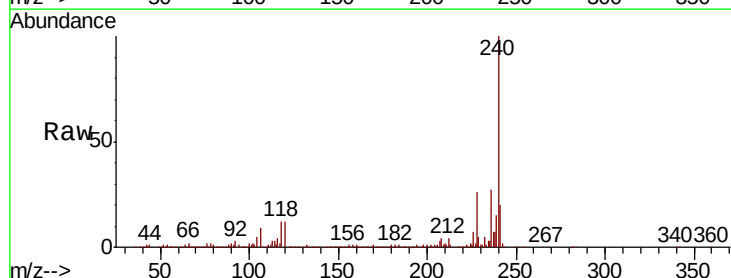
RT: 21.63 min Scan# 3157

Delta R.T. 0.00 min

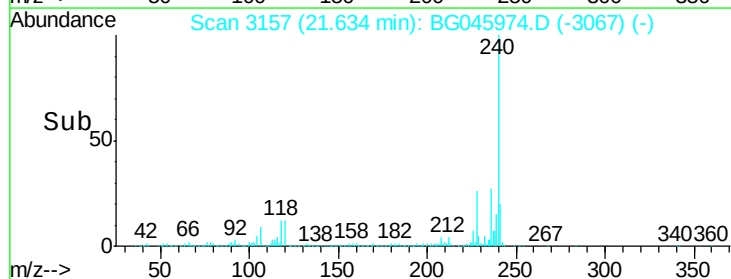
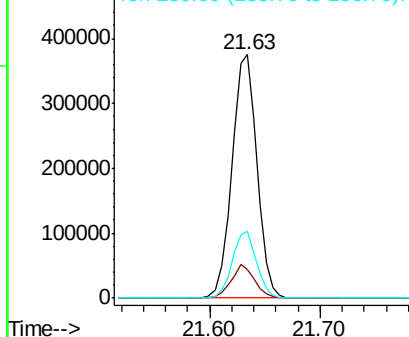
Lab File: BG045974.D

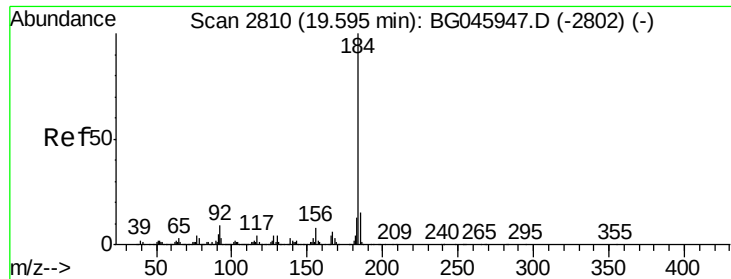
Acq: 8 Jul 2020 10:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 594321 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 11.9  | 10.6  | 16.0   |
| 236      | 27.5  | 20.4  | 30.6   |



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





#77

Benzidine

Concen: 35.607 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

Instrument :

BNA\_G

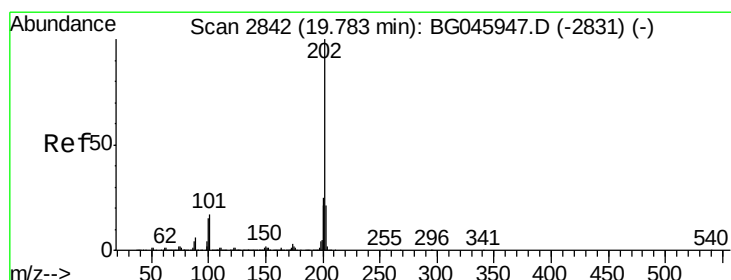
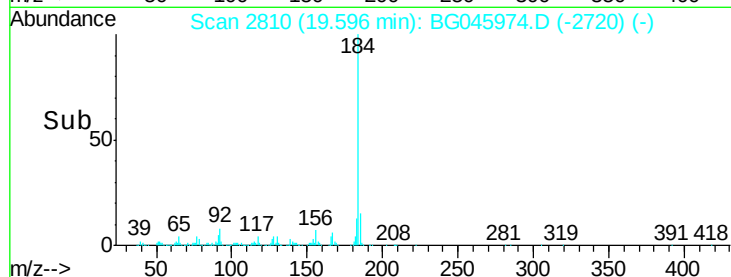
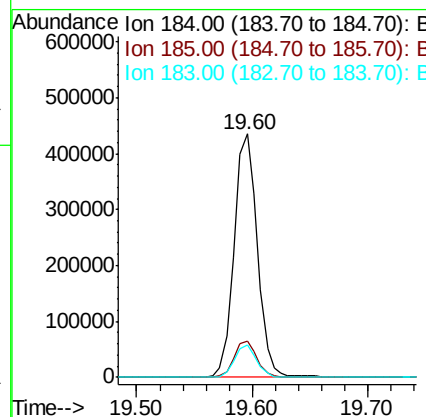
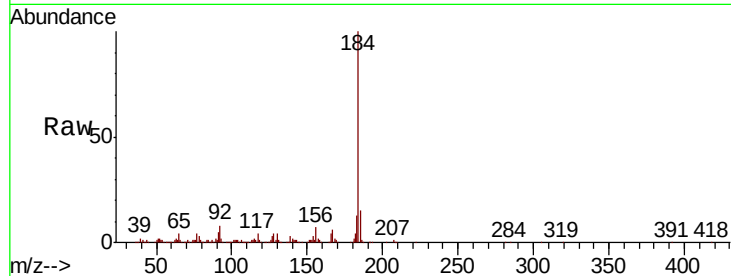
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 605071 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.0  | 11.6  | 17.4   |
| 183       | 13.3  | 10.4  | 15.6   |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



#78

Pyrene

Concen: 38.099 ng

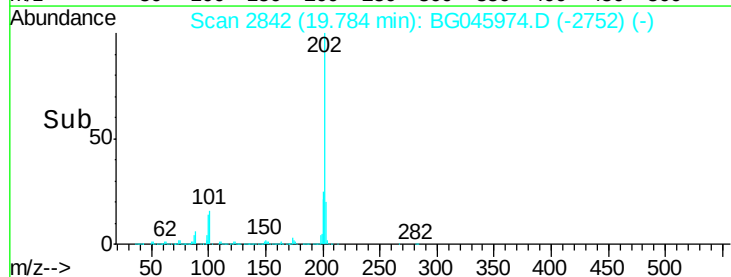
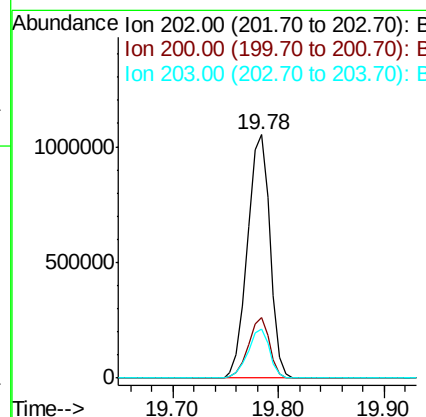
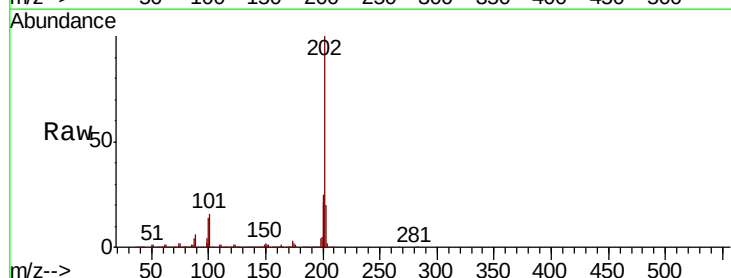
RT: 19.78 min Scan# 2842

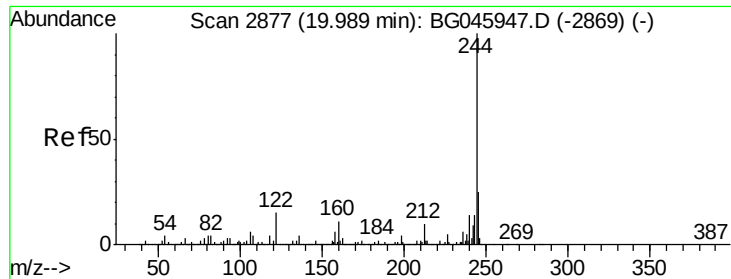
Delta R.T. 0.00 min

Lab File: BG045974.D

Acq: 8 Jul 2020 10:11

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1545623 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 24.8  | 20.1  | 30.1    |
| 203       | 20.4  | 16.5  | 24.7    |





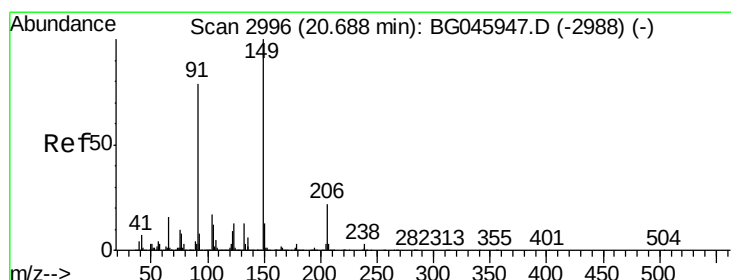
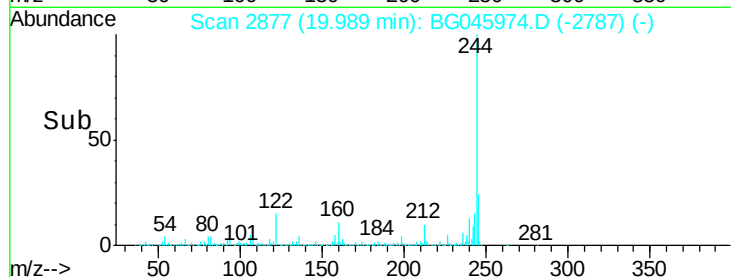
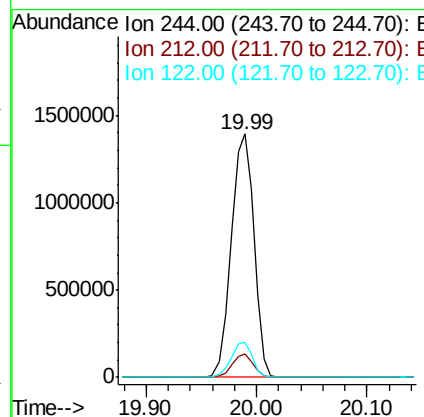
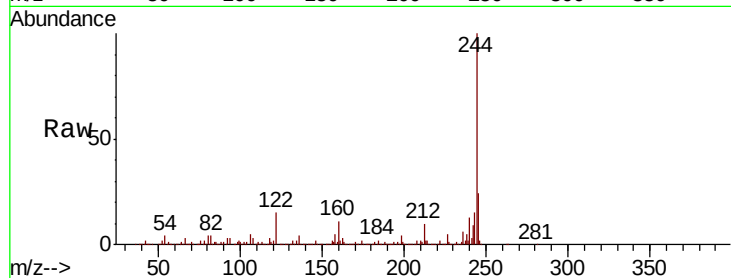
#79  
 Terphenyl-d14  
 Concen: 75.268 ng  
 RT: 19.99 min Scan# 2877  
 Delta R.T. 0.00 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.5   | 8.3   | 12.5  |
| 122     | 14.6  | 12.1  | 18.1  |

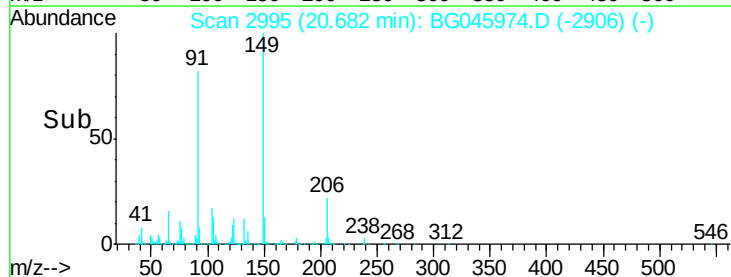
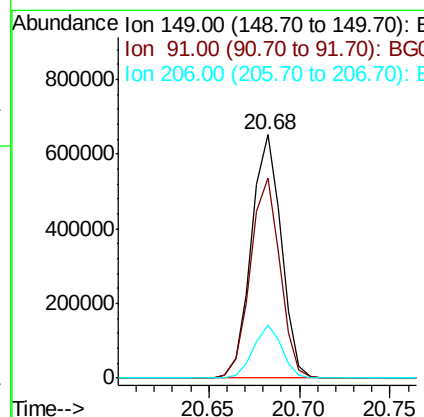
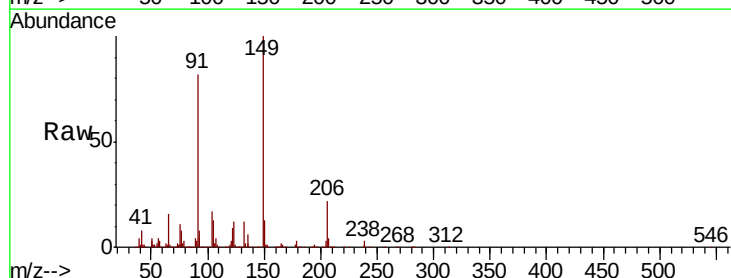
Manual Integrations  
 APPROVED

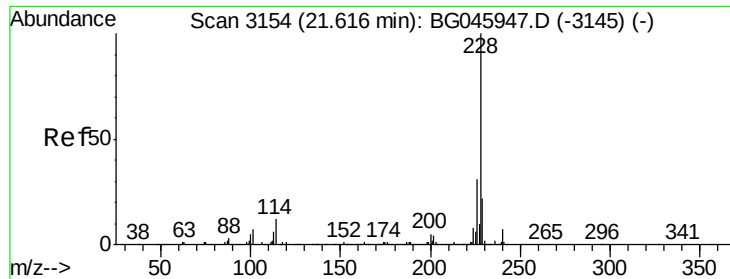
mohammad  
 7/10/2020 11:45:31 AM



#80  
 Butylbenzylphthalate  
 Concen: 39.198 ng  
 RT: 20.68 min Scan# 2995  
 Delta R.T. -0.01 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 82.0  | 63.1  | 94.7  |
| 206     | 21.5  | 17.4  | 26.0  |





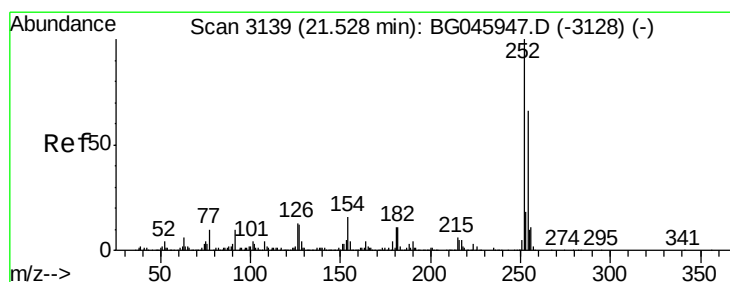
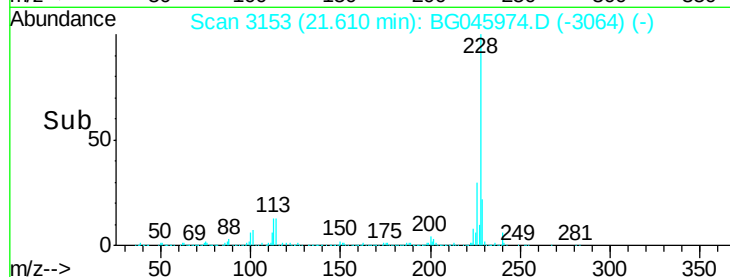
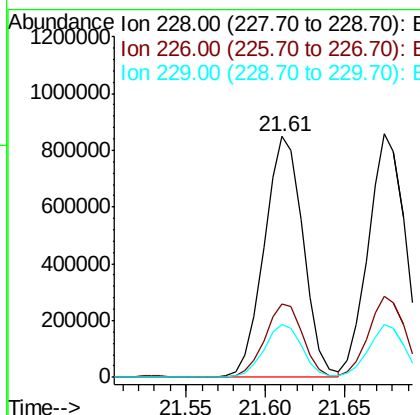
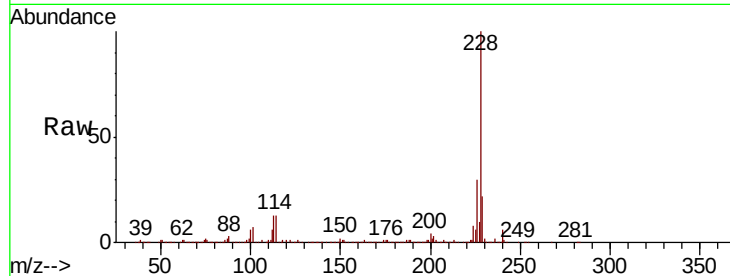
#81  
Benzo(a)anthracene  
Concen: 37.004 ng  
RT: 21.61 min Scan# 3153  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.4  | 24.8  | 37.2  |
| 229     | 22.1  | 17.8  | 26.8  |

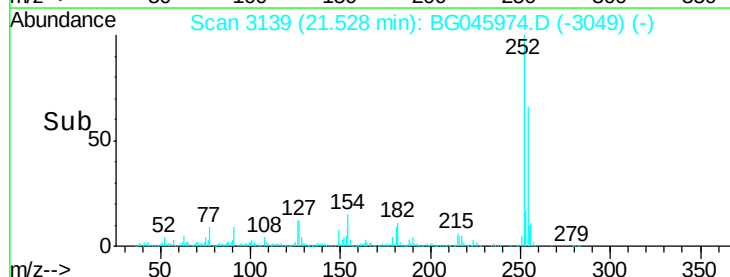
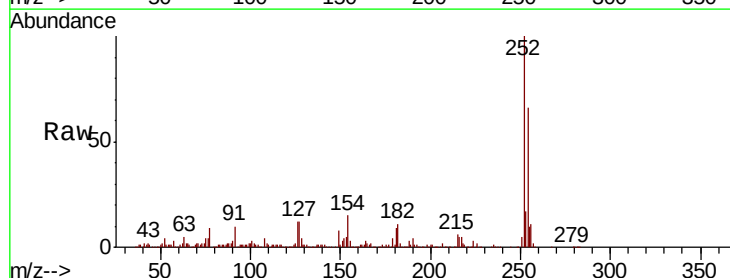
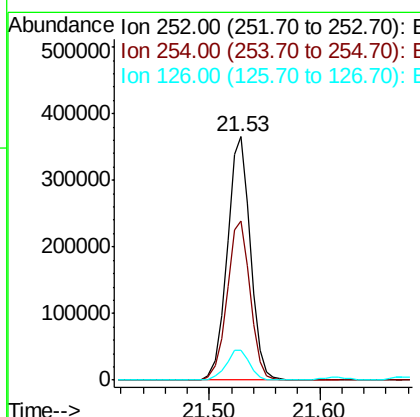
Manual Integrations  
APPROVED

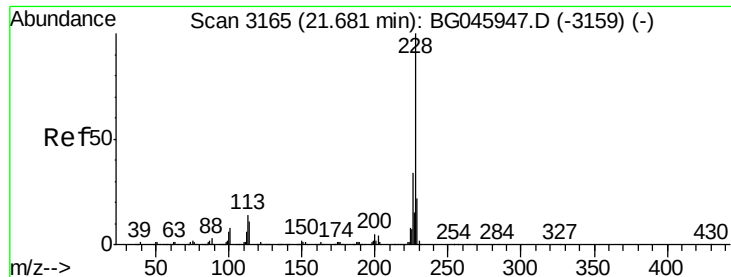
mohammad  
7/10/2020 11:45:31 AM



#82  
3,3'-Dichlorobenzidine  
Concen: 37.039 ng  
RT: 21.53 min Scan# 3139  
Delta R.T. 0.00 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.6  | 52.9  | 79.3  |
| 126     | 12.3  | 10.4  | 15.6  |





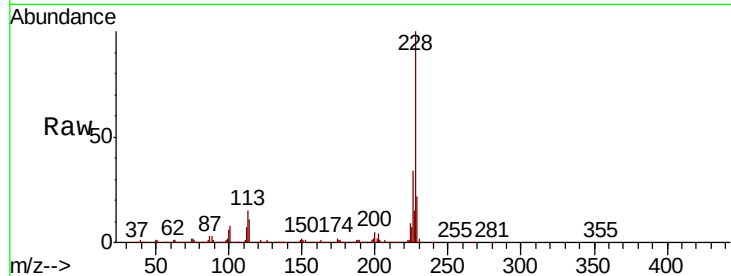
#83  
 Chrysene  
 Concen: 37.252 ng  
 RT: 21.68 min Scan# 3164  
 Delta R.T. -0.01 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

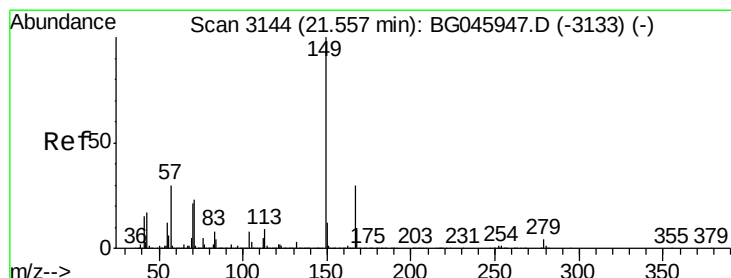
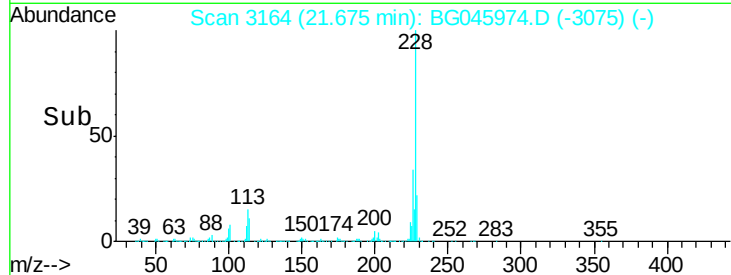
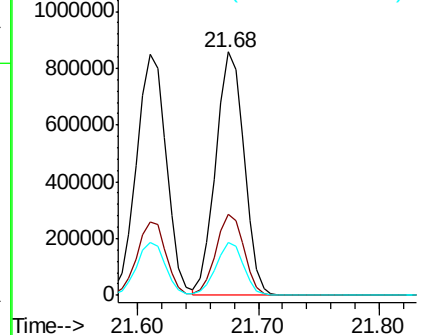
Tot Ion:228 Resp: 1386840  
 Ion Ratio Lower Upper  
 228 100  
 226 33.5 26.7 40.1  
 229 22.0 17.3 25.9

Manual Integrations  
 APPROVED

mohammad  
 7/10/2020 11:45:31 AM

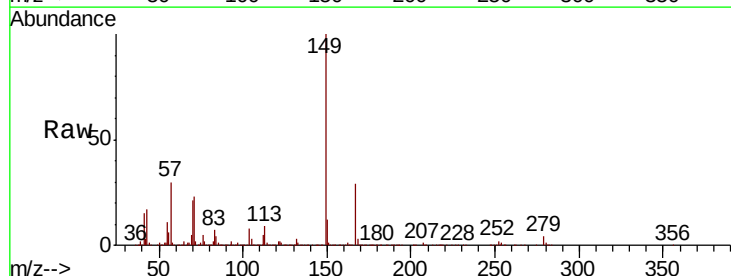


Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

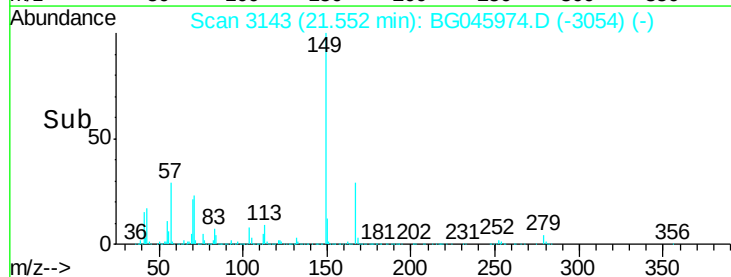
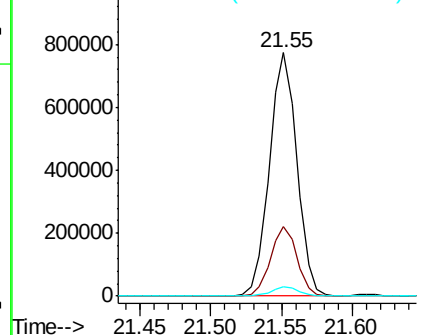


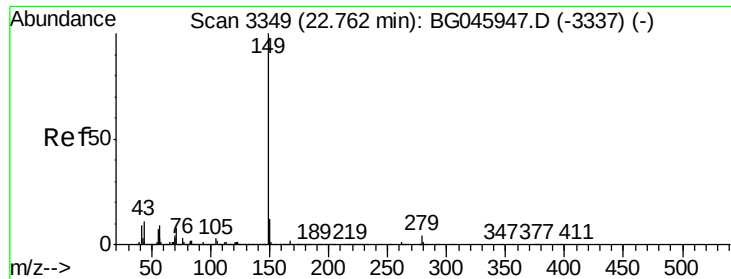
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 38.034 ng  
 RT: 21.55 min Scan# 3143  
 Delta R.T. -0.01 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

Tgt Ion:149 Resp: 1058431  
 Ion Ratio Lower Upper  
 149 100  
 167 28.8 23.8 35.8  
 279 4.0 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E





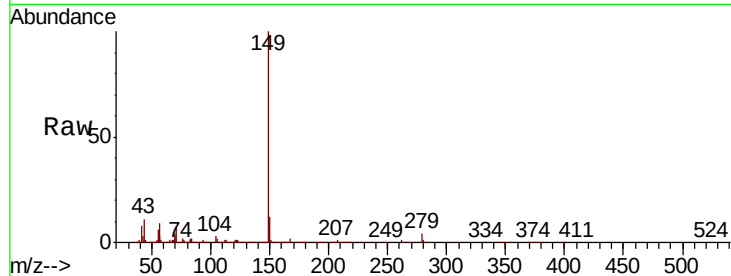
#85  
Di-n-octyl phthalate  
Concen: 37.511 ng  
RT: 22.76 min Scan# 3348  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

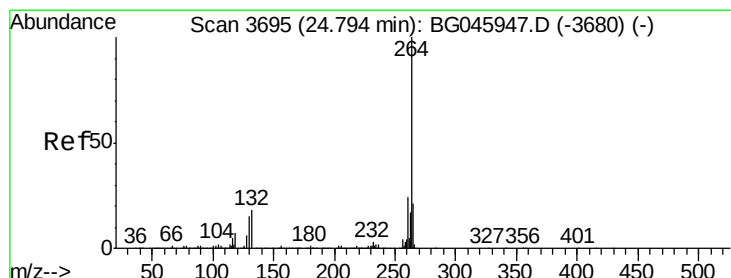
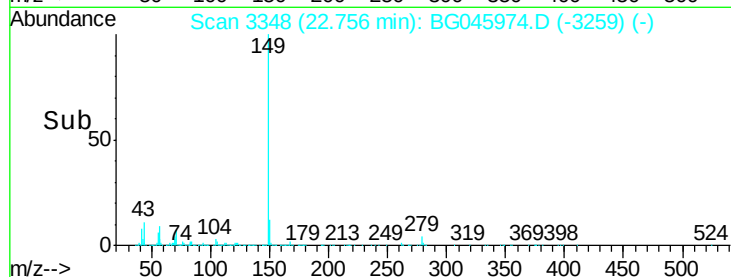
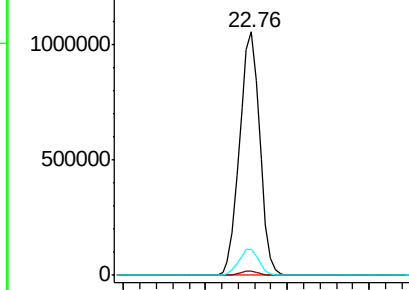
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.4   | 2.0   |
| 43      | 10.7  | 8.6   | 12.8  |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



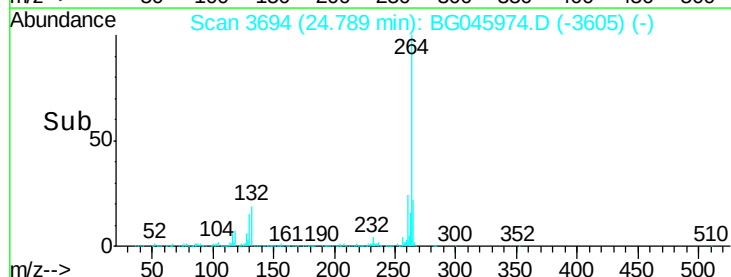
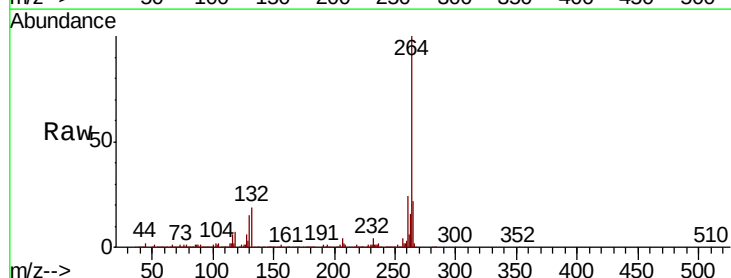
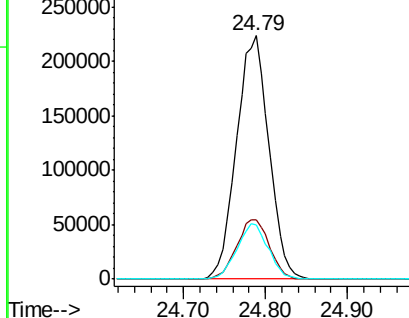
Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

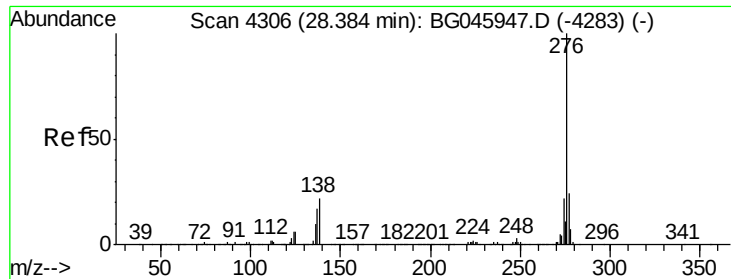


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.79 min Scan# 3694  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.0  | 28.6  |
| 265     | 22.1  | 16.9  | 25.3  |

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





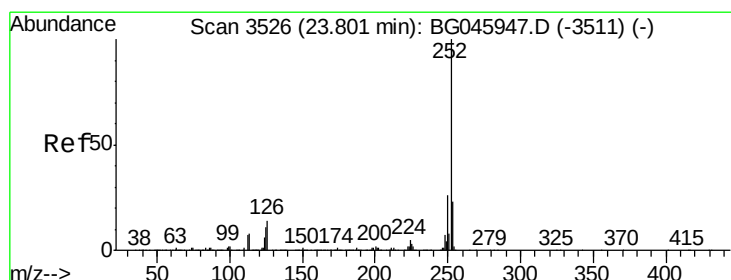
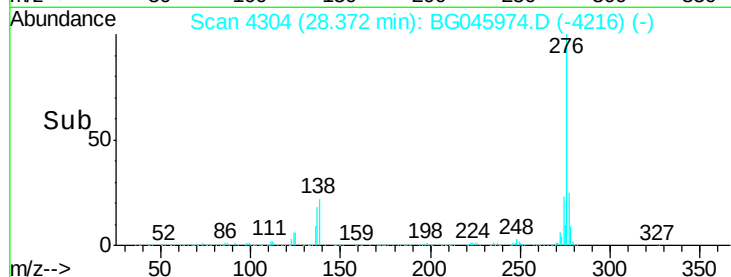
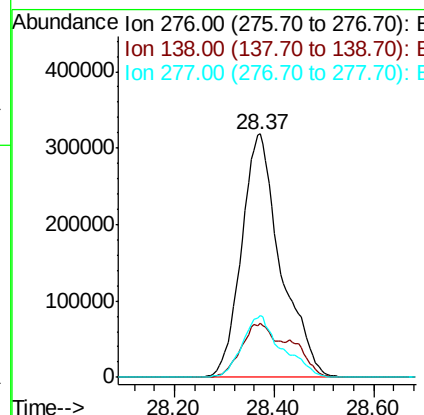
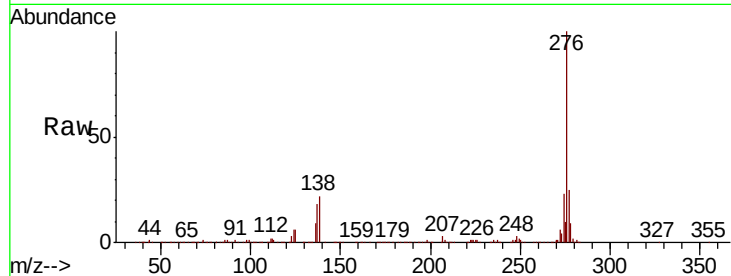
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.553 ng  
 RT: 28.37 min Scan# 4304  
 Delta R.T. -0.01 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.0  | 16.4  | 24.6  |
| 277     | 25.7  | 20.6  | 31.0  |

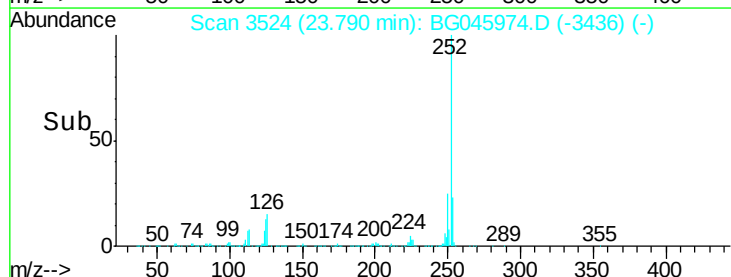
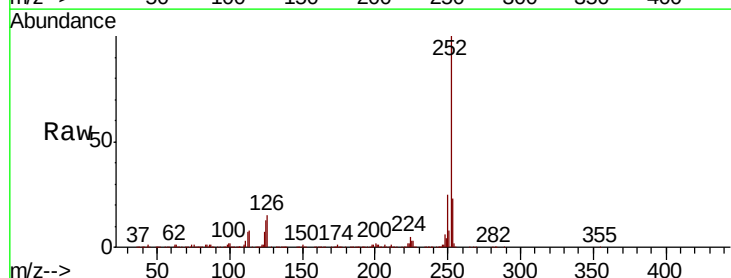
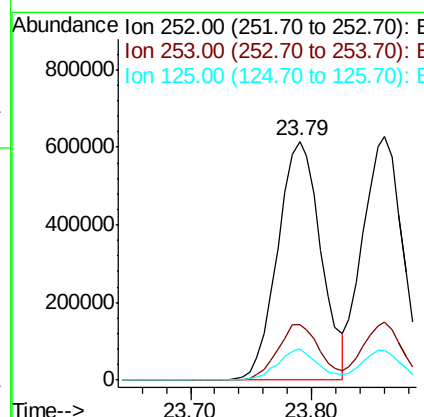
Manual Integrations  
 APPROVED

mohammad  
 7/10/2020 11:45:31 AM

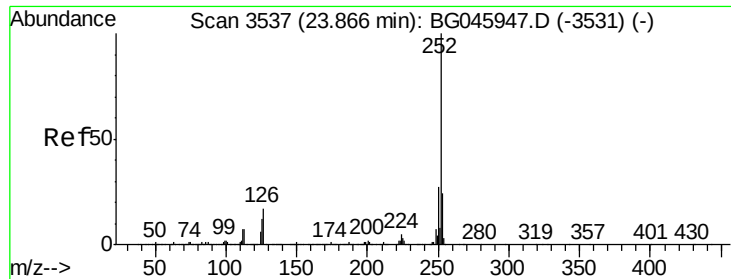


#88  
 Benzo(b)fluoranthene  
 Concen: 38.998 ng  
 RT: 23.79 min Scan# 3524  
 Delta R.T. -0.01 min  
 Lab File: BG045974.D  
 Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 18.5  | 27.7  |
| 125     | 12.8  | 9.2   | 13.8  |







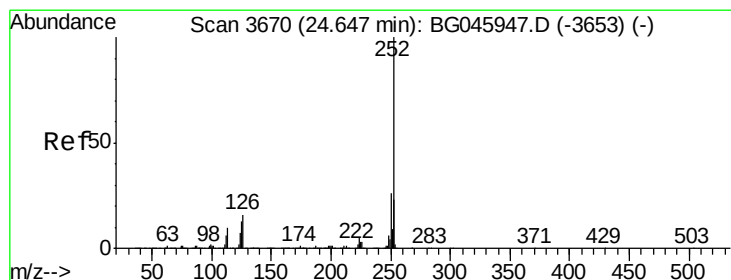
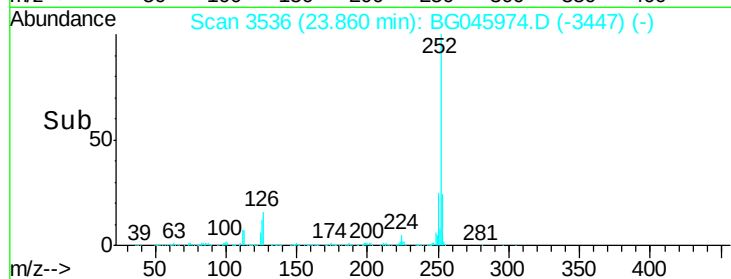
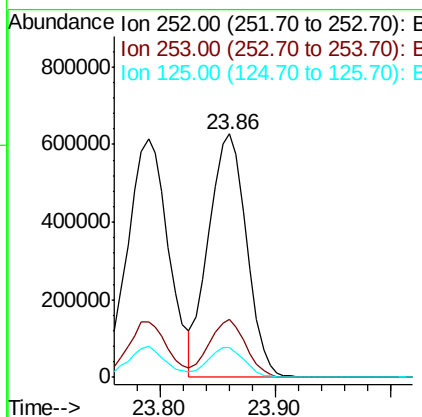
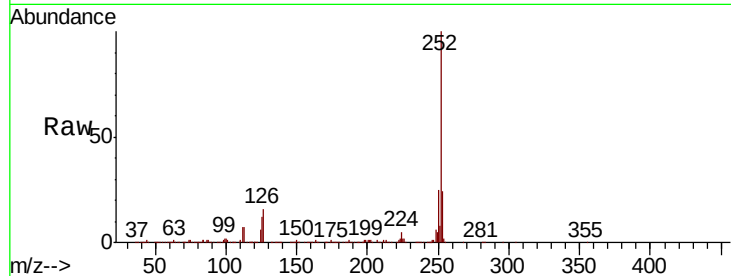
#89  
Benzo(k)fluoranthene  
Concen: 38.718 ng  
RT: 23.86 min Scan# 3536  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.6  | 18.9  | 28.3  |
| 125     | 12.4  | 9.6   | 14.4  |

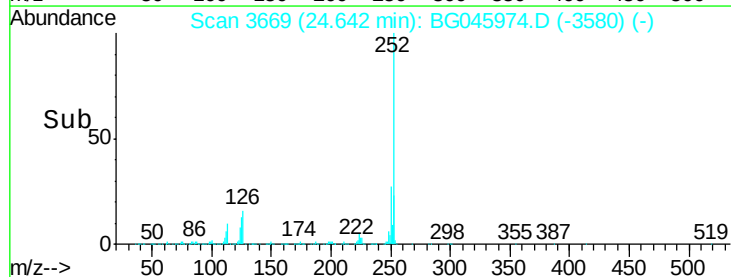
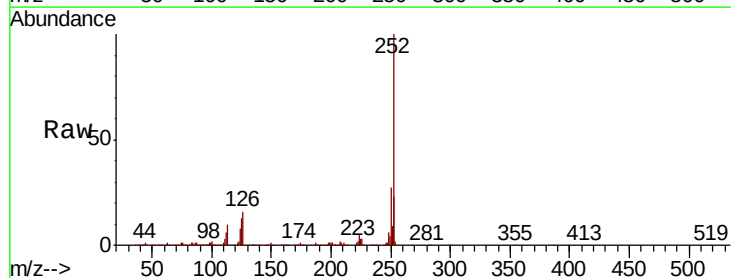
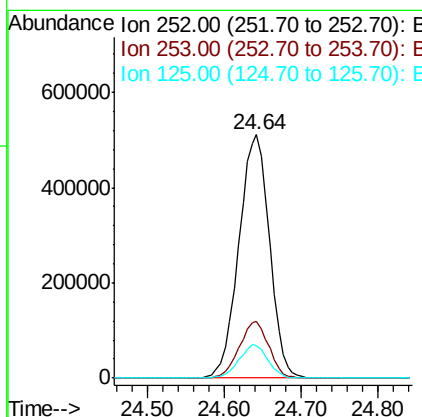
Manual Integrations  
APPROVED

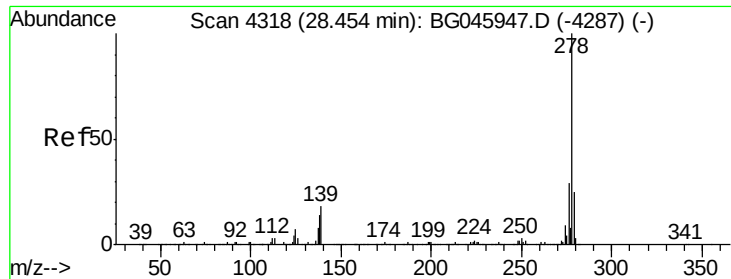
mohammad  
7/10/2020 11:45:31 AM



#90  
Benzo(a)pyrene  
Concen: 38.694 ng  
RT: 24.64 min Scan# 3669  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 18.6  | 28.0  |
| 125     | 13.4  | 10.5  | 15.7  |





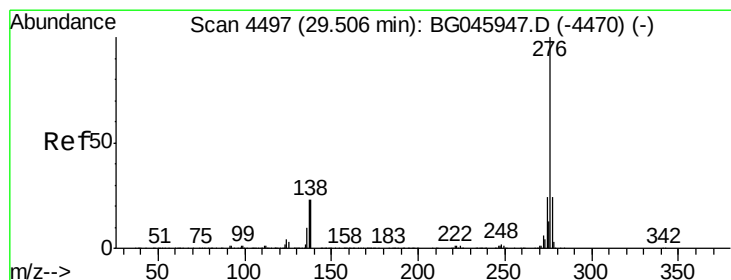
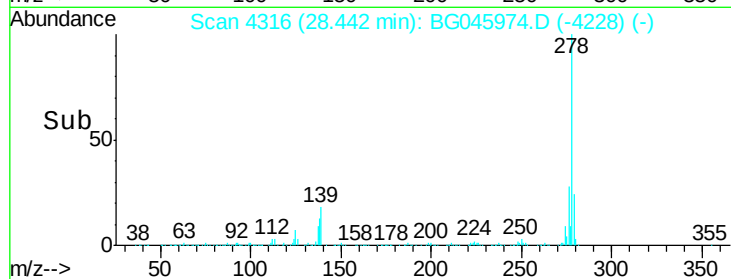
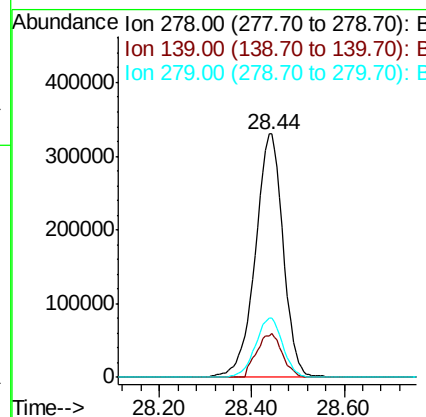
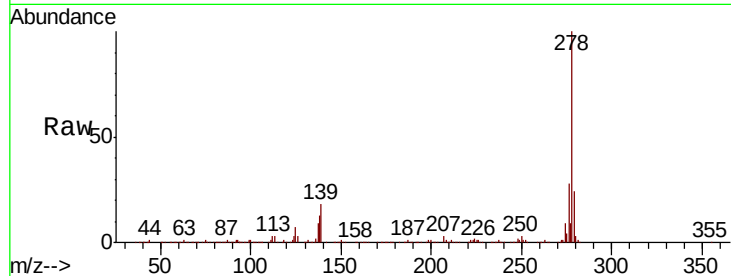
#91  
Dibenzo(a,h)anthracene  
Concen: 38.018 ng  
RT: 28.44 min Scan# 4316  
Delta R.T. -0.01 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.0  | 14.3  | 21.5  |
| 279     | 24.1  | 19.8  | 29.6  |

Manual Integrations  
APPROVED

mohammad  
7/10/2020 11:45:31 AM



#92  
Benzo(g,h,i)perylene  
Concen: 37.731 ng  
RT: 29.49 min Scan# 4494  
Delta R.T. -0.02 min  
Lab File: BG045974.D  
Acq: 8 Jul 2020 10:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 19.4  | 29.0  |
| 138     | 22.9  | 18.6  | 28.0  |

