

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\  
 Data File : BG041646.D  
 Acq On : 15 Jul 2019 11:43  
 Operator : HP/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

mohammad  
 7/17/2019 7:39:48 AM

Quant Time: Jul 15 13:09:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 11:42:53 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 92388    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 394140   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.67 | 164  | 241514   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.41 | 188  | 561449   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.67 | 240  | 519217   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.86 | 264  | 604643   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 886836  | 161.08 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 1164790 | 156.16 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 1053052 | 162.83 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 432544  | 156.62 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.30 | 172 | 2206551 | 143.64 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.01 | 244 | 2884432 | 135.78 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88  | 208332  | 83.396 | ng | 98     |
| 3) Pyridine                    | 3.90  | 79  | 550498  | 85.024 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 267070  | 81.000 | ng | 99     |
| 6) Aniline                     | 7.38  | 93  | 781664  | 76.473 | ng | 99     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 499956  | 81.168 | ng | 99     |
| 9) Benzaldehyde                | 7.18  | 77  | 286599  | 69.630 | ng | 99     |
| 10) Phenol                     | 7.24  | 94  | 623483  | 80.508 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93  | 505334  | 79.872 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 594206  | 79.010 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 594894  | 79.285 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 557088  | 78.073 | ng | 98     |
| 15) Benzyl Alcohol             | 8.29  | 79  | 473653  | 78.349 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 1036605 | 76.273 | ng | 99     |
| 17) 2-Methylphenol             | 8.49  | 107 | 435727  | 78.979 | ng | 99     |
| 18) Hexachloroethane           | 9.14  | 117 | 218769  | 78.427 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 430059  | 78.507 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 592175  | 77.967 | ng | 98     |
| 22) Acetophenone               | 8.87  | 105 | 739527  | 75.825 | ng | 100    |
| 24) Nitrobenzene               | 9.26  | 77  | 571763  | 84.653 | ng | 99     |
| 25) Isophorone                 | 9.79  | 82  | 1092517 | 77.576 | ng | 99     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 266415  | 89.598 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 10.02 | 122 | 437581  | 78.102 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 670923  | 76.775 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.50 | 162 | 503649  | 77.702 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 581252  | 76.951 | ng | 99     |
| 31) Naphthalene                | 10.91 | 128 | 1480123 | 76.900 | ng | 99     |
| 32) Benzoic acid               | 10.19 | 122 | 359138  | 87.245 | ng | 96     |
| 33) 4-Chloroaniline            | 11.01 | 127 | 699731  | 75.642 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.21 | 225 | 382410  | 78.229 | ng | 99     |
| 35) Caprolactam                | 11.79 | 113 | 186419m | 75.439 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 522854  | 77.615 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 1130689 | 76.890 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.73 | 142 | 1076464 | 77.123 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 637979  | 77.963 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\  
 Data File : BG041646.D  
 Acq On : 15 Jul 2019 11:43  
 Operator : HP/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

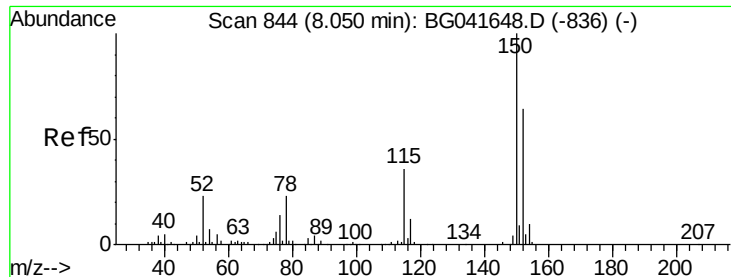
mohammad  
 7/17/2019 7:39:48 AM

Quant Time: Jul 15 13:09:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 11:42:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 379696   | 75.725 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.10 | 196  | 428060   | 79.675 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 448609   | 81.762 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 1355751  | 75.967 | nq    | 97       |
| 47) 2-Chloronaphthalene        | 13.55 | 162  | 1140280  | 76.720 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.75 | 65   | 376451   | 91.513 | nq    | 98       |
| 49) Acenaphthylene             | 14.40 | 152  | 1739519  | 76.849 | nq    | 98       |
| 50) Dimethylphthalate          | 14.13 | 163  | 1417323  | 74.897 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.24 | 165  | 334362   | 88.574 | nq    | 99       |
| 52) Acenaphthene               | 14.74 | 154  | 1138663  | 78.470 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.57 | 138  | 360403   | 85.161 | nq    | 95       |
| 54) 2,4-Dinitrophenol          | 14.77 | 184  | 158742   | 93.147 | nq    | 92       |
| 55) Dibenzofuran               | 15.07 | 168  | 1649608  | 75.890 | nq    | 98       |
| 56) 4-Nitrophenol              | 14.86 | 139  | 300262   | 89.175 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 15.02 | 165  | 455457   | 91.727 | nq    | 97       |
| 58) Fluorene                   | 15.72 | 166  | 1333775  | 75.675 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 409609   | 79.288 | nq    | 99       |
| 60) Diethylphthalate           | 15.49 | 149  | 1429244  | 74.702 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204  | 768578   | 76.101 | nq    | 98       |
| 62) 4-Nitroaniline             | 15.73 | 138  | 379788   | 84.566 | nq    | 99       |
| 63) Azobenzene                 | 16.00 | 77   | 1293421  | 76.791 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 222324   | 91.220 | nq    | 100      |
| 66) n-Nitrosodiphenylamine     | 15.92 | 169  | 1231561  | 72.467 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 514576   | 74.142 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.72 | 284  | 521023   | 74.222 | nq    | 98       |
| 69) Atrazine                   | 16.87 | 200  | 337897   | 66.460 | nq    | 99       |
| 70) Pentachlorophenol          | 17.05 | 266  | 336381   | 77.155 | nq    | 97       |
| 71) Phenanthrene               | 17.45 | 178  | 2054172  | 70.014 | nq    | 98       |
| 72) Anthracene                 | 17.54 | 178  | 2048816  | 66.770 | nq    | 98       |
| 73) Carbazole                  | 17.81 | 167  | 1916571  | 67.756 | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 2198715  | 63.361 | nq    | 98       |
| 75) Fluoranthene               | 19.45 | 202  | 2381821  | 67.427 | nq    | 98       |
| 77) Benzidine                  | 19.63 | 184  | 1197891  | 69.085 | nq    | 98       |
| 78) Pyrene                     | 19.81 | 202  | 2375886  | 71.119 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.70 | 149  | 1120311  | 70.948 | nq    | 97       |
| 81) Benzo(a)anthracene         | 21.64 | 228  | 2429340  | 67.623 | nq    | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.55 | 252  | 1005790  | 67.330 | nq    | 97       |
| 83) Chrysene                   | 21.71 | 228  | 2311037  | 72.268 | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 1530933  | 70.890 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 2613756  | 69.734 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.52 | 276  | 3304585  | 76.069 | nq    | # 92     |
| 88) Benzo(b)fluoranthene       | 23.85 | 252  | 2771199  | 77.199 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 23.92 | 252  | 2541871  | 74.301 | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.71 | 252  | 2648589  | 76.991 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.60 | 278  | 2598981  | 77.798 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.67 | 276  | 2634993  | 79.074 | nq    | 98       |

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





#1

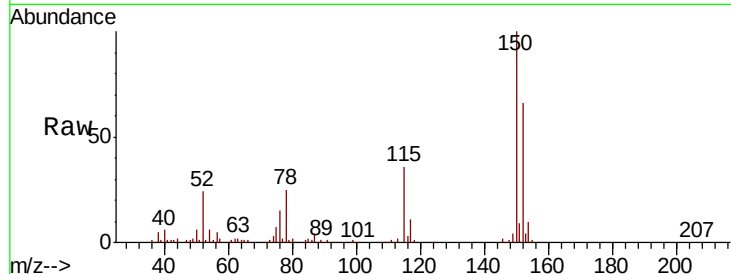
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.8 | 126.9 | 190.3 |
| 115     | 53.9  | 45.0  | 67.6  |

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM

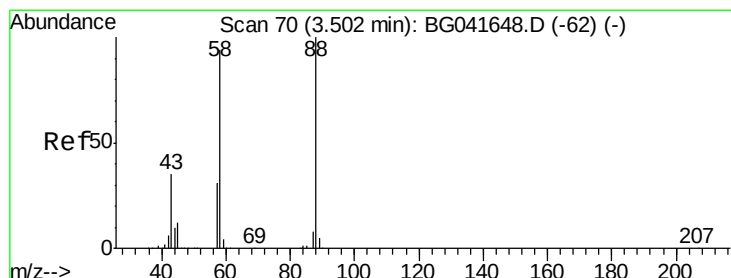
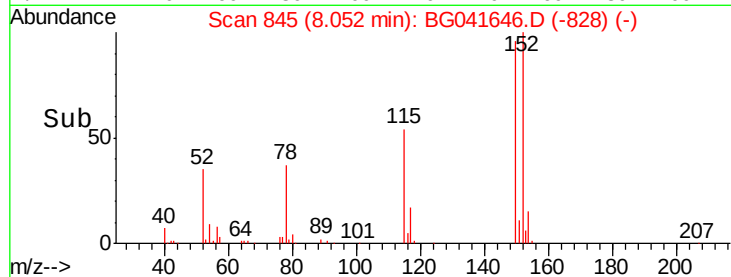
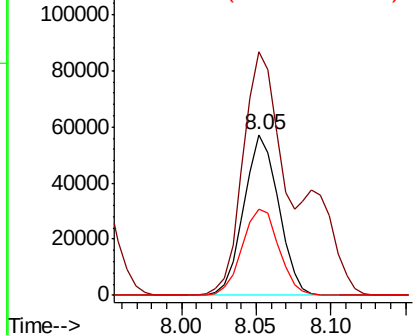


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

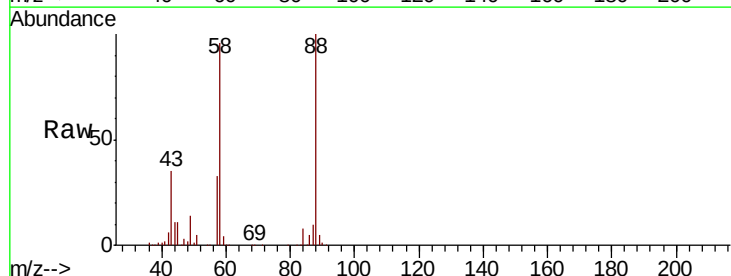
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 83.396 ng  
RT: 3.50 min Scan# 71  
Delta R.T. 0.01 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 93.4  | 76.2  | 114.2 |
| 43      | 34.7  | 27.2  | 40.8  |

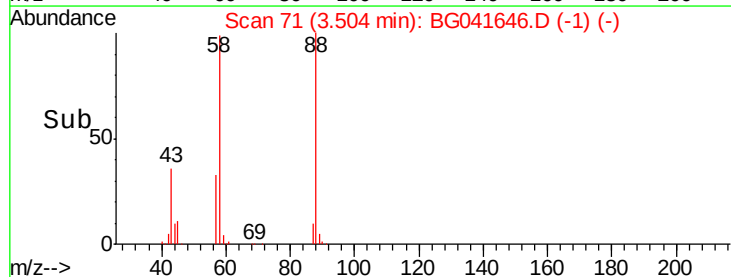
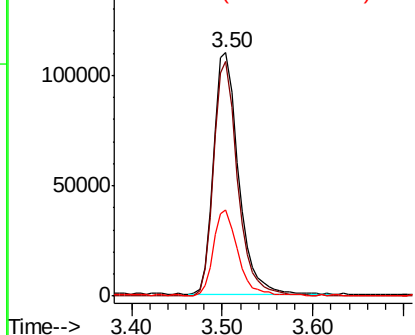


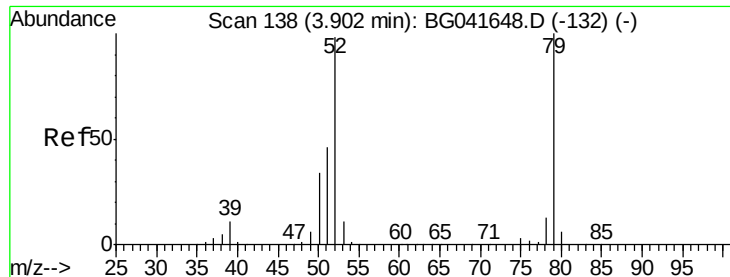
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 85.024 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

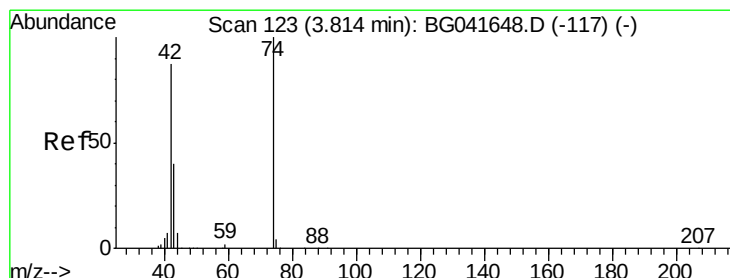
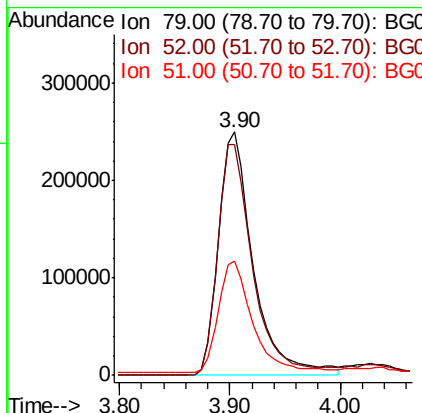
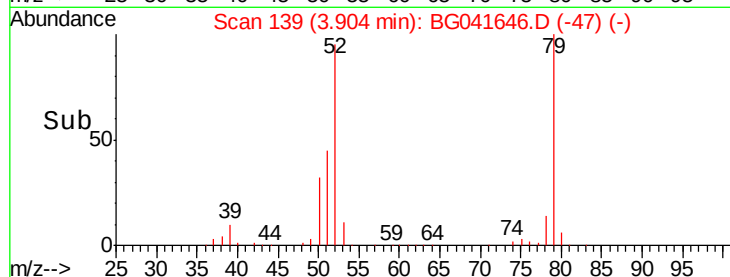
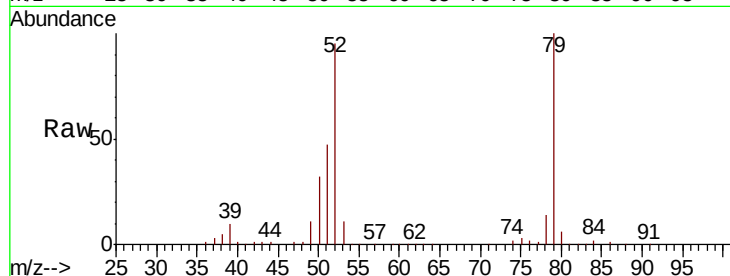
ClientSampleId :

SSTDIC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 550498 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 94.9  | 77.1  | 115.7  |
| 51       | 47.2  | 37.8  | 56.8   |

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM



#4

n-Nitrosodimethylamine

Concen: 81.000 ng

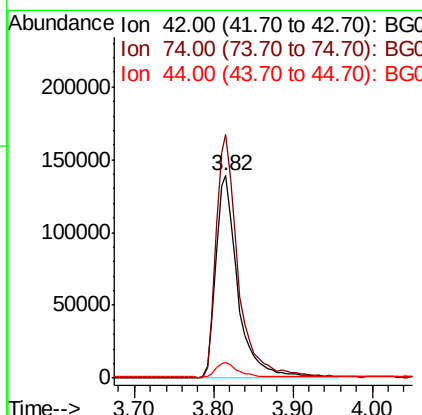
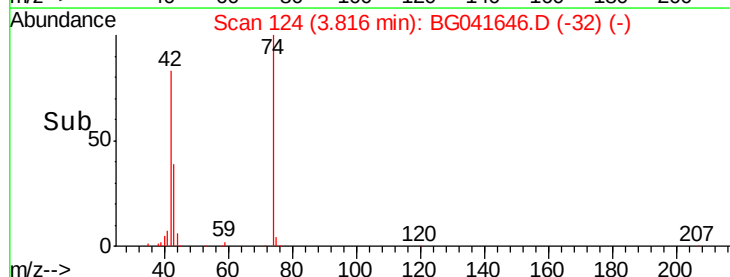
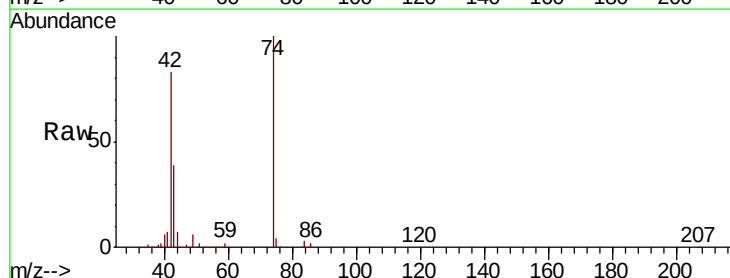
RT: 3.82 min Scan# 124

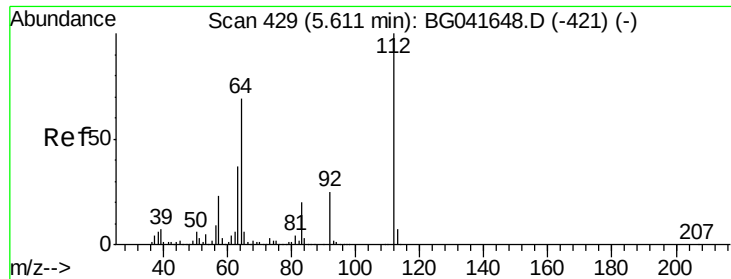
Delta R.T. 0.01 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 267070 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 120.3 | 97.4  | 146.2  |
| 44       | 7.9   | 6.6   | 9.8    |





#5

2-Fluorophenol

Concen: 161.080 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

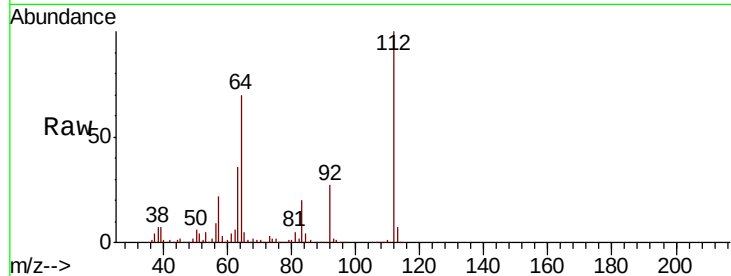
ClientSampleId :

SSTDIC080

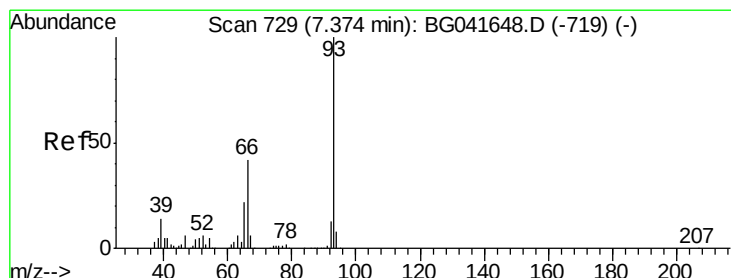
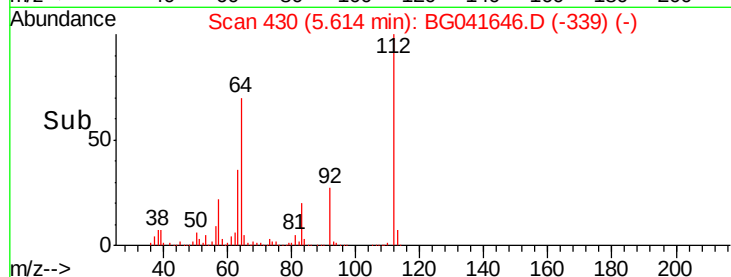
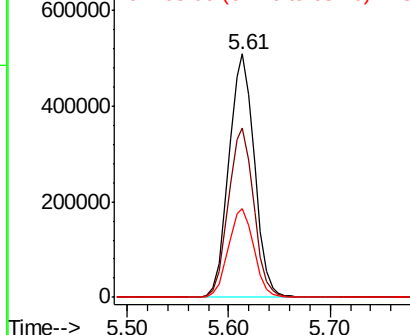
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 886836 |       |       |
| 64      | 69.7  |        | 55.4  | 83.2  |
| 63      | 36.3  |        | 29.1  | 43.7  |

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM



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



#6

Aniline

Concen: 76.473 ng

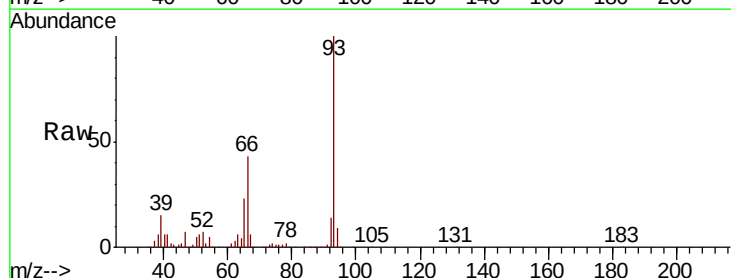
RT: 7.38 min Scan# 730

Delta R.T. 0.00 min

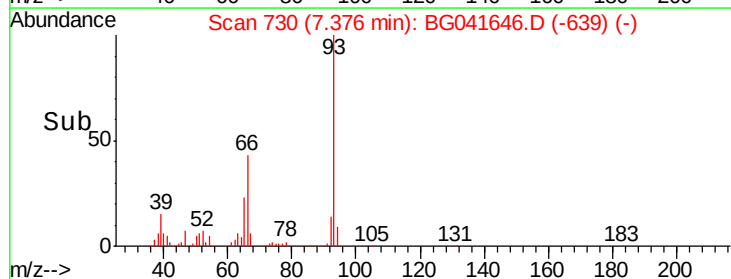
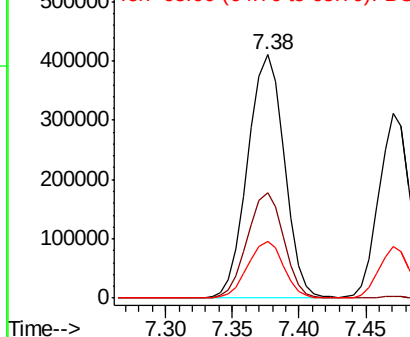
Lab File: BG041646.D

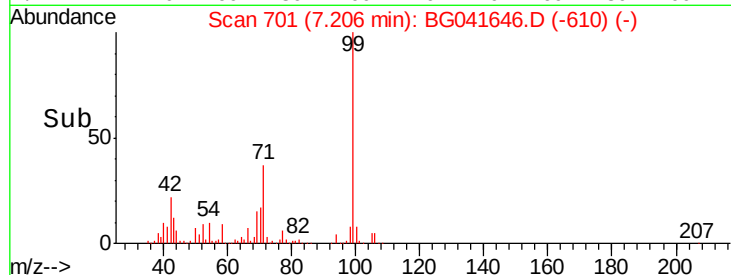
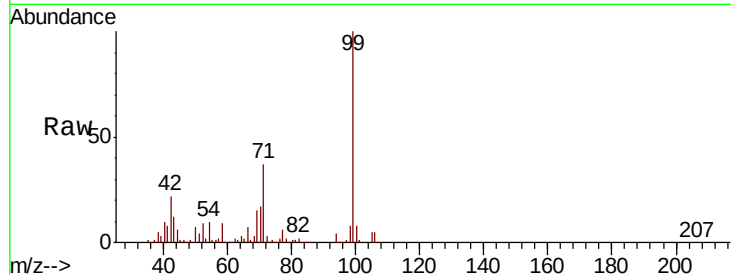
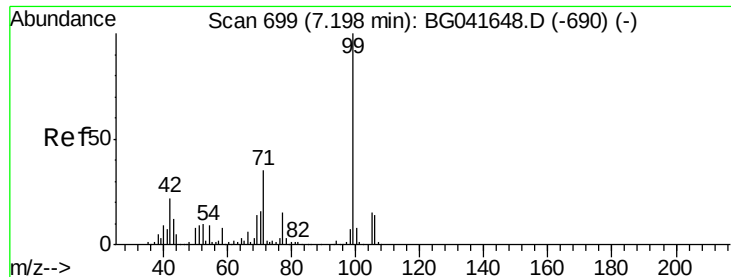
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 781664 |       |       |
| 66      | 43.0  |        | 34.2  | 51.2  |
| 65      | 23.1  |        | 18.2  | 27.2  |



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





#7

Phenol-d6

Concen: 156.164 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Tot Ion: 99 Resp: 1164790

Ion Ratio Lower Upper

99 100

42 22.5 17.6 26.4

71 36.8 27.8 41.6

Instrument :

BNA\_G

ClientSampleId :

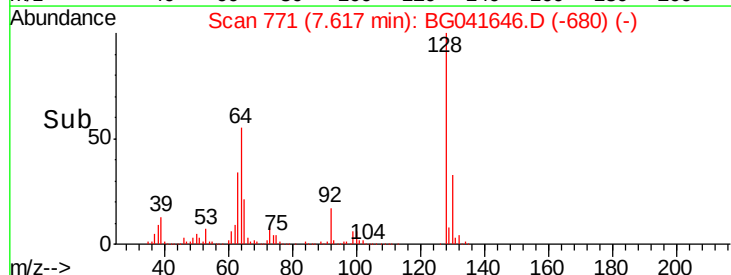
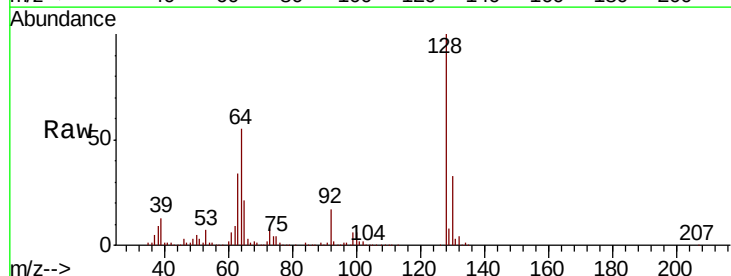
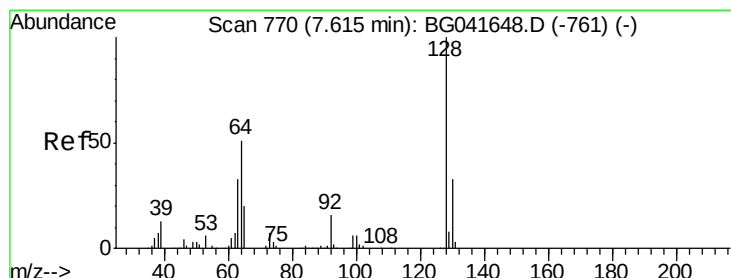
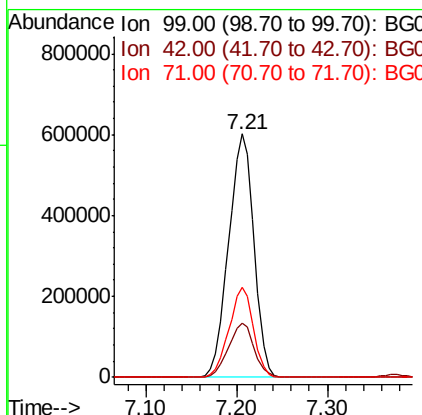
SSTDIC080

Manual Integrations

APPROVED

mohammad

7/17/2019 7:39:48 AM



#8

2-Chlorophenol

Concen: 81.168 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

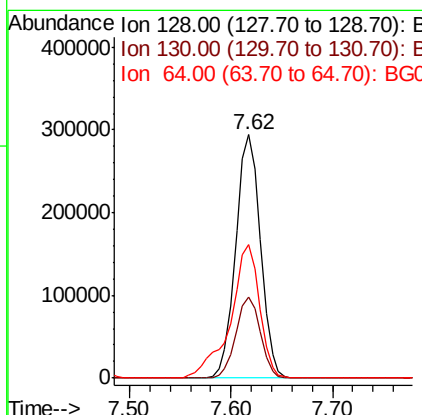
Tgt Ion:128 Resp: 499956

Ion Ratio Lower Upper

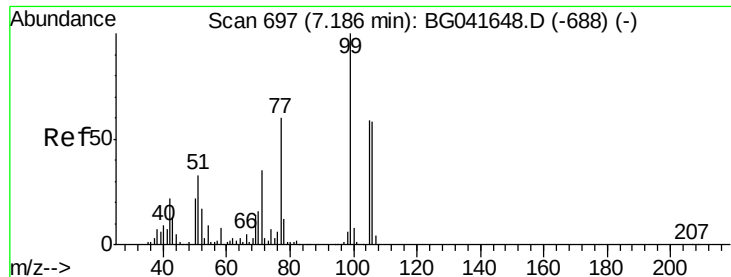
128 100

130 33.2 12.4 52.4

64 54.8 34.9 74.9







#9

Benzaldehyde

Concen: 69.630 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

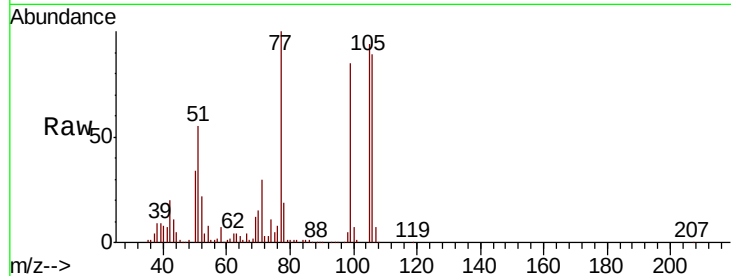
ClientSampleId :

SSTDICC080

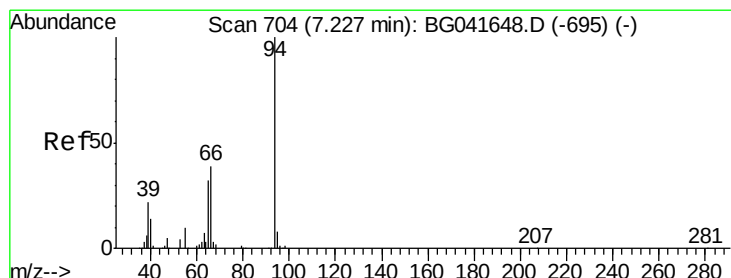
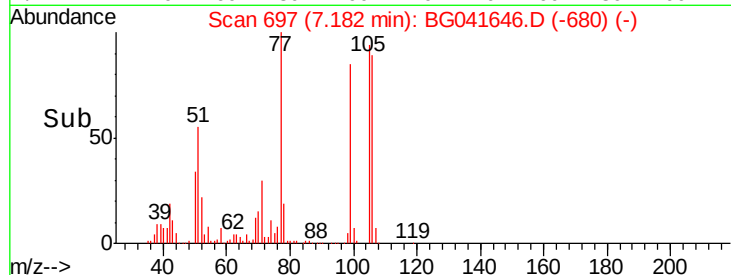
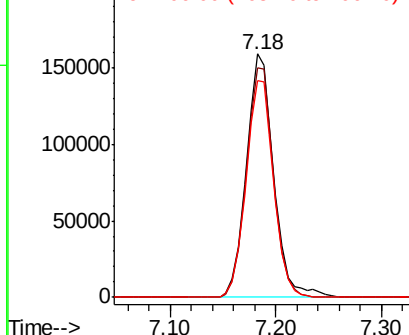
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 286599 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 94.3  | 74.6  | 114.6  |
| 106       | 88.8  | 71.1  | 111.1  |

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 80.508 ng

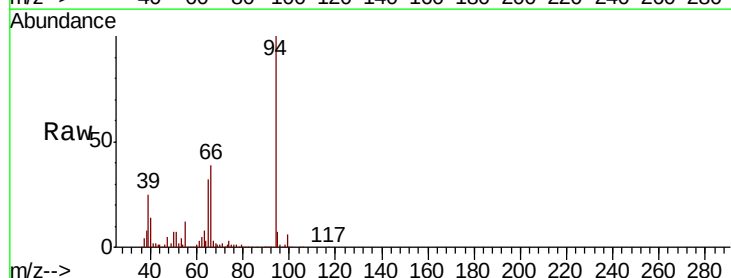
RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

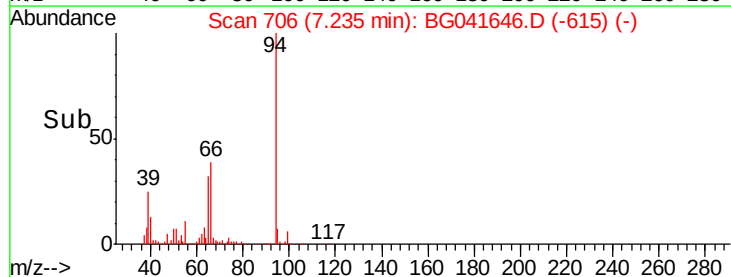
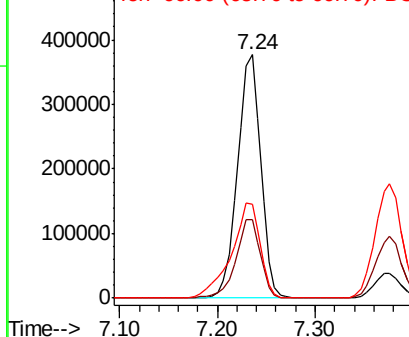
Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

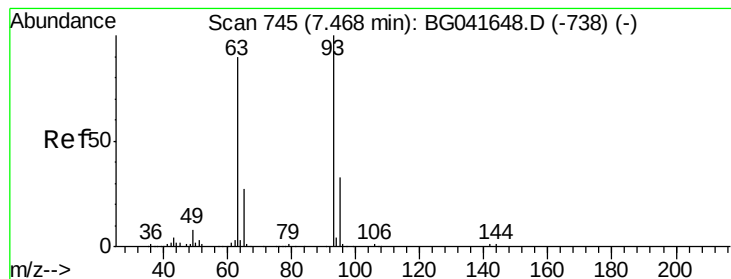
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 623483 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 32.2  | 10.6  | 50.6   |
| 66        | 38.8  | 18.2  | 58.2   |



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC







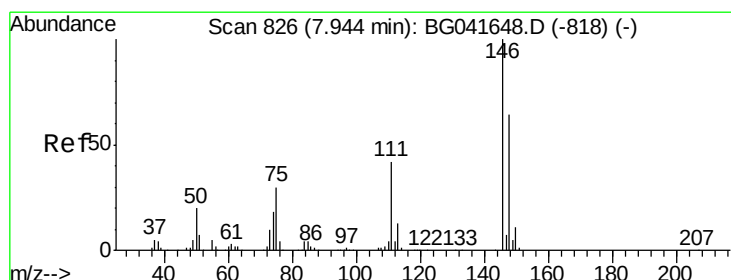
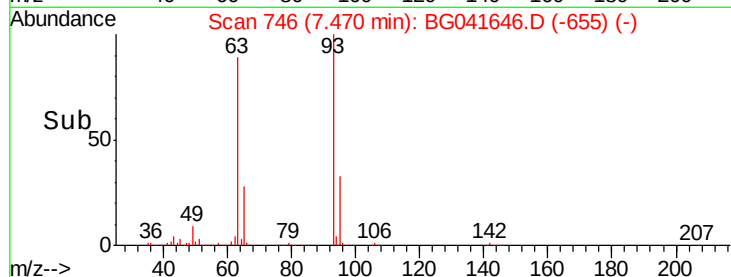
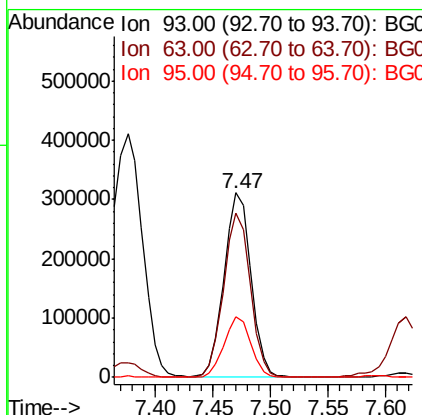
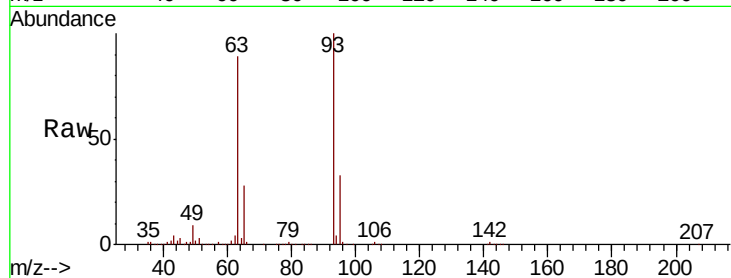
#11  
bis(2-Chloroethyl)ether  
Concen: 79.872 ng  
RT: 7.47 min Scan# 746  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleID :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 89.3  | 70.4  | 110.4 |
| 95      | 32.9  | 12.8  | 52.8  |

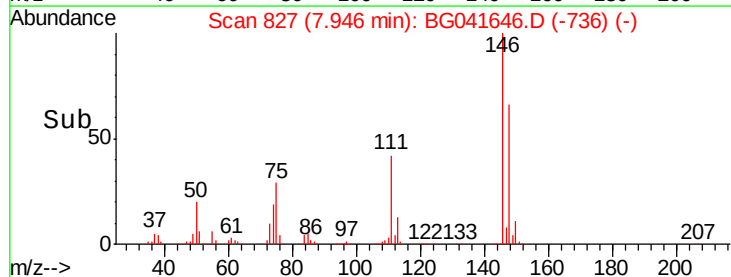
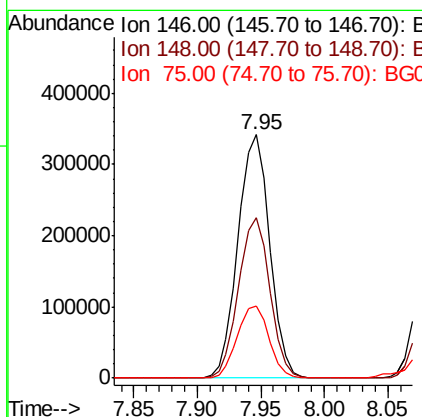
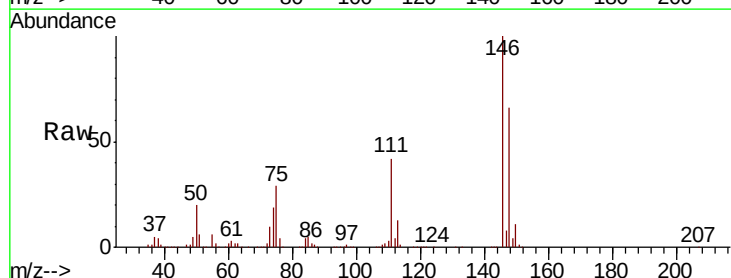
Manual Integrations  
APPROVED

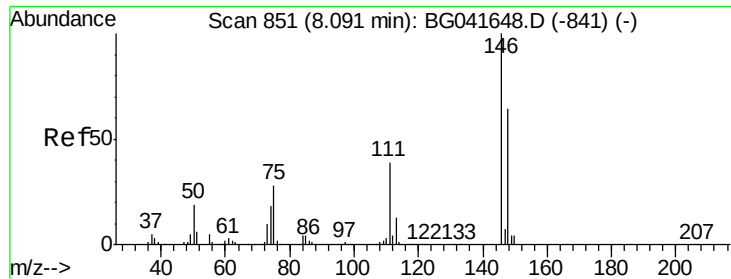
mohammad  
7/17/2019 7:39:48 AM



#12  
1,3-Dichlorobenzene  
Concen: 79.010 ng  
RT: 7.95 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.7  | 51.5  | 77.3  |
| 75      | 29.4  | 23.2  | 34.8  |





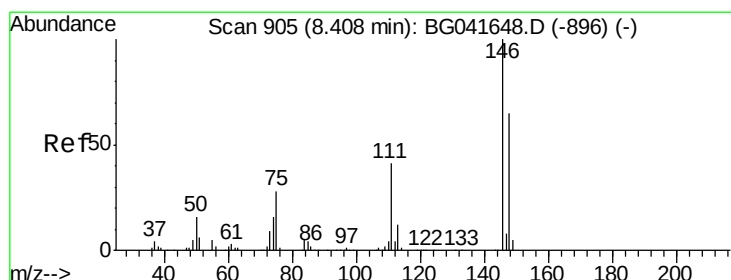
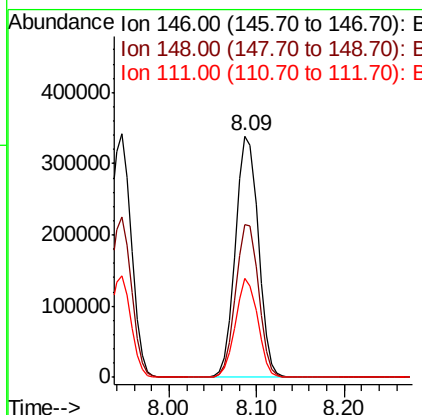
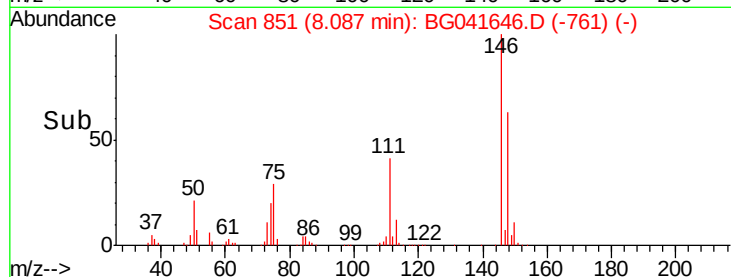
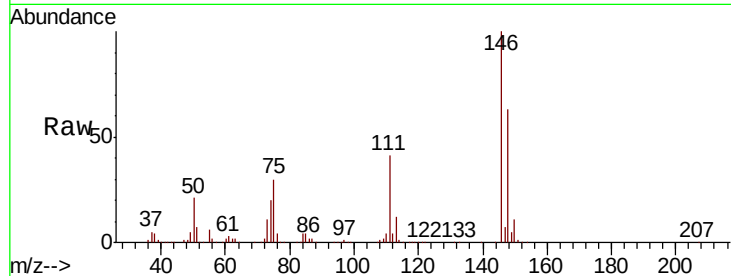
#13  
 1,4-Dichlorobenzene  
 Concen: 79.285 ng  
 RT: 8.09 min Scan# 851  
 Delta R.T. -0.00 min  
 Lab File: BG041646.D  
 Acq: 15 Jul 2019 11:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 52.6  | 79.0  |
| 111     | 41.2  | 32.5  | 48.7  |

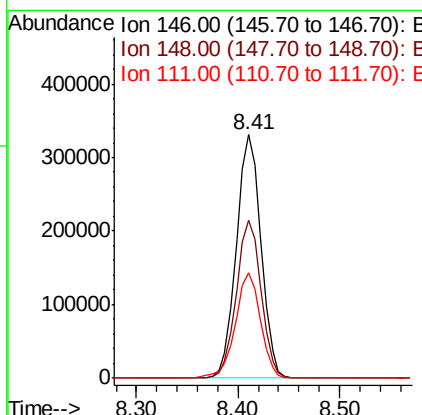
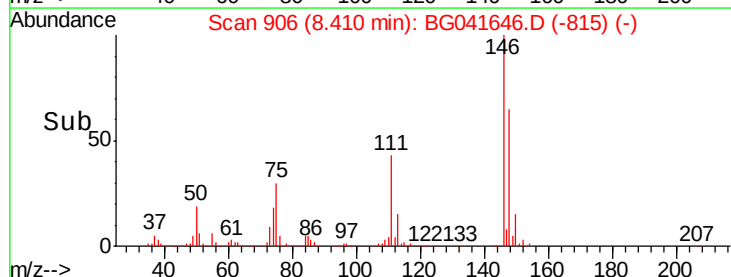
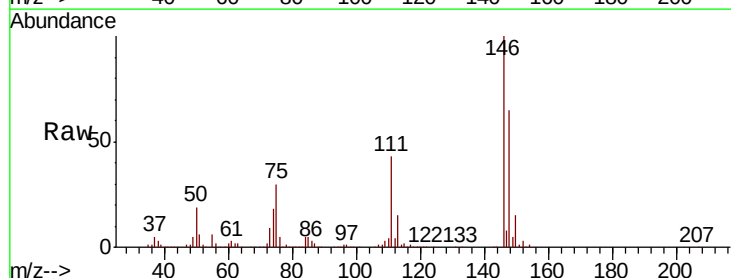
Manual Integrations  
 APPROVED

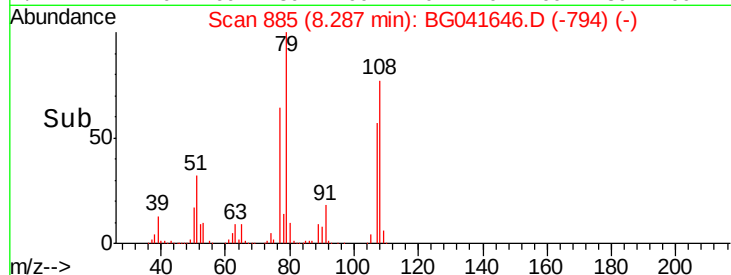
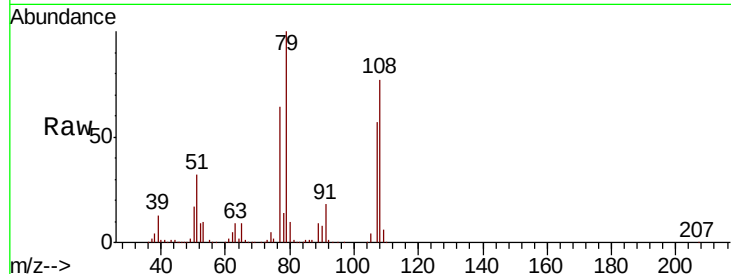
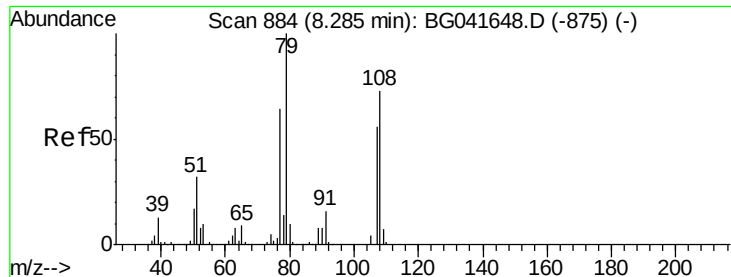
mohammad  
 7/17/2019 7:39:48 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 78.073 ng  
 RT: 8.41 min Scan# 906  
 Delta R.T. 0.00 min  
 Lab File: BG041646.D  
 Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 53.5  | 80.3  |
| 111     | 43.2  | 35.4  | 53.0  |





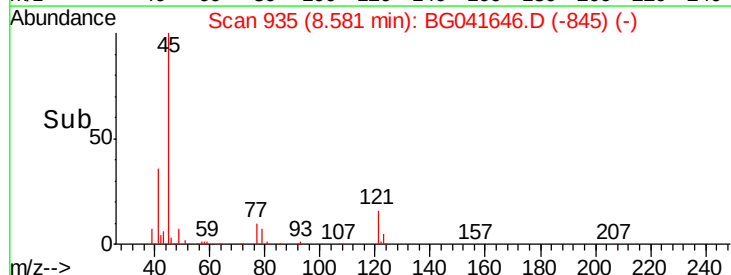
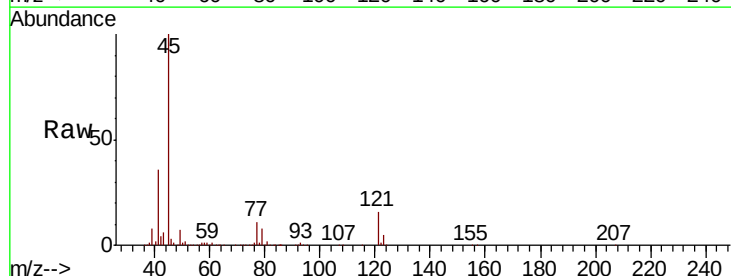
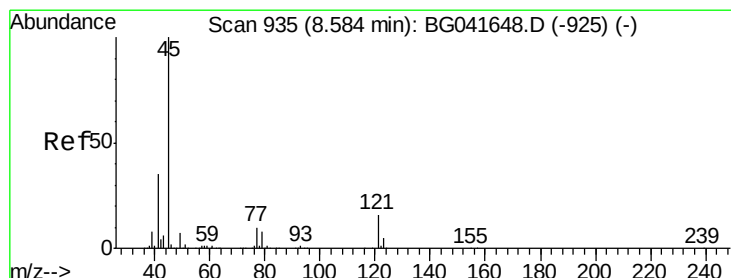
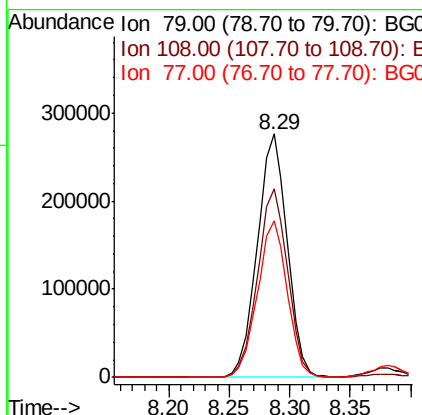
#15  
Benzyl Alcohol  
Concen: 78.349 ng  
RT: 8.29 min Scan# 885  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 77.4  | 60.5  | 90.7  |
| 77      | 64.3  | 50.6  | 75.8  |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

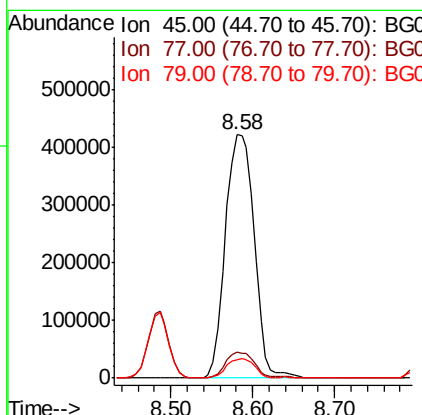
Manual Integrations  
APPROVED

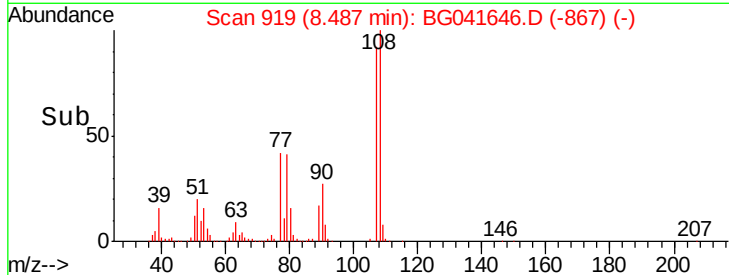
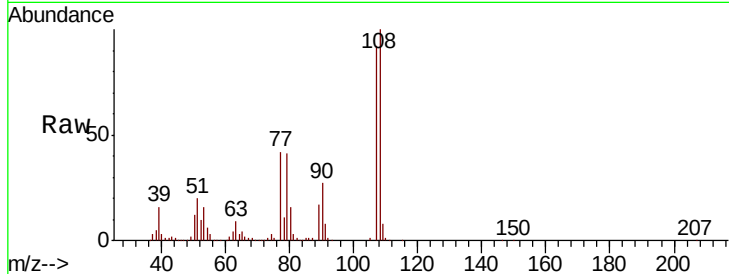
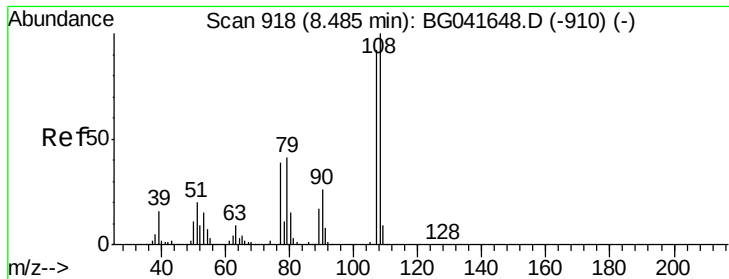
mohammad  
7/17/2019 7:39:48 AM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 76.273 ng  
RT: 8.58 min Scan# 935  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 10.8  | 0.0   | 30.4  |
| 79      | 7.5   | 0.0   | 27.9  |





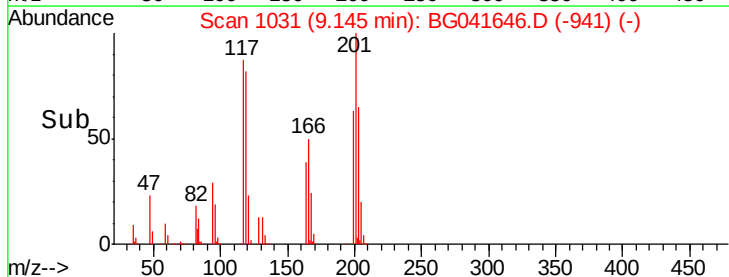
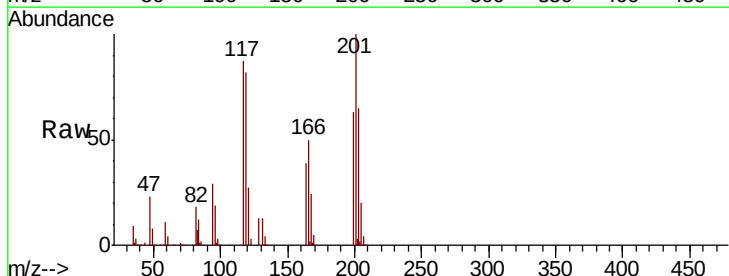
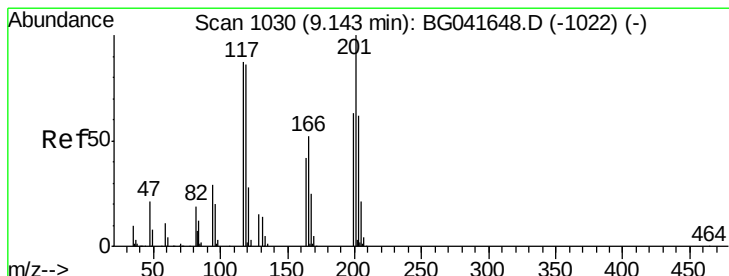
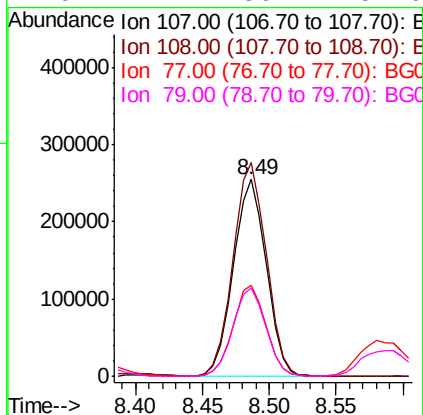
#17  
2-Methylphenol  
Concen: 78.979 ng  
RT: 8.49 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 108.5 | 87.6 | 131.4 |       |
| 77      | 45.9  | 36.1 | 54.1  |       |
| 79      | 44.7  | 36.4 | 54.6  |       |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

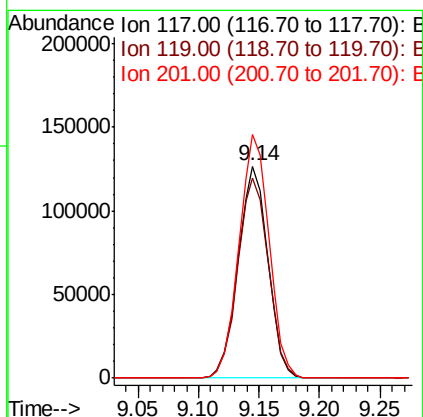
Manual Integrations  
APPROVED

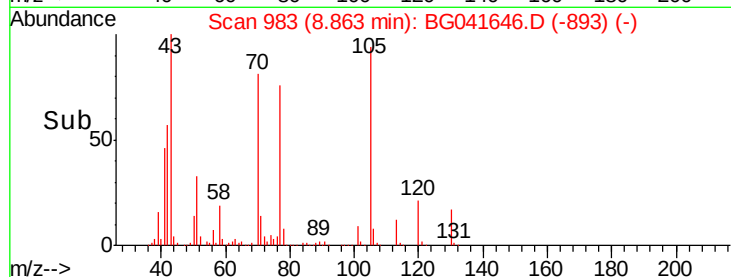
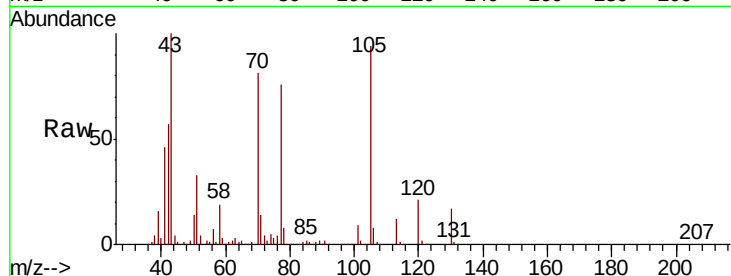
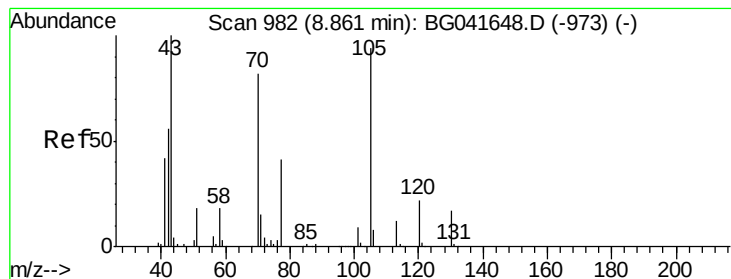
mohammad  
7/17/2019 7:39:48 AM



#18  
Hexachloroethane  
Concen: 78.427 ng  
RT: 9.14 min Scan# 1031  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.6  | 76.2 | 114.2 |       |
| 201     | 114.9 | 94.1 | 141.1 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 78.507 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion: 70 Resp: 430059

Ion Ratio Lower Upper

70 100

42 70.5 55.8 83.6

101 10.5 8.1 12.1

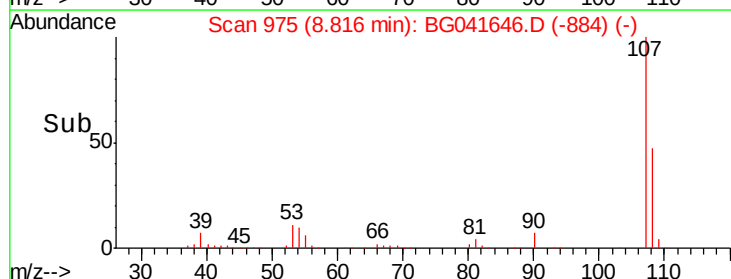
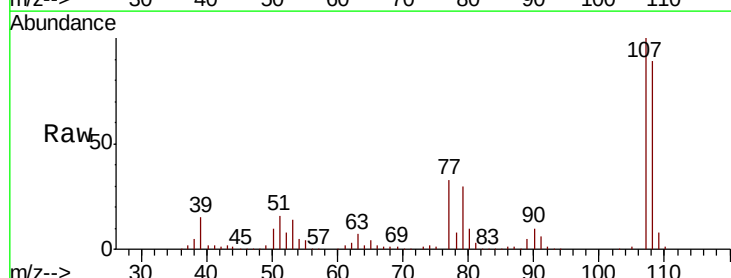
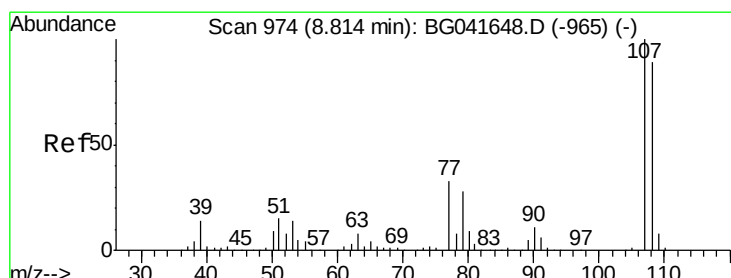
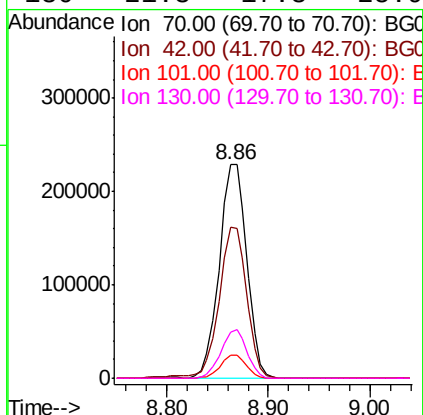
130 21.3 17.3 25.9

Manual Integrations

APPROVED

mohammad

7/17/2019 7:39:48 AM



#20

3+4-Methylphenols

Concen: 77.967 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Tgt Ion: 107 Resp: 592175

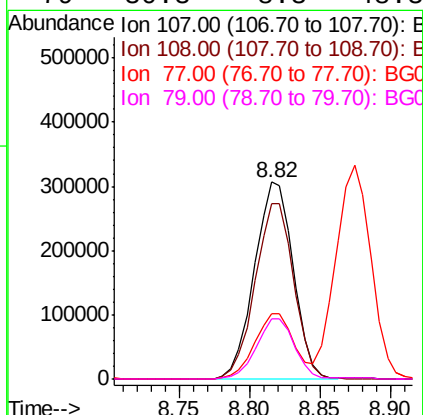
Ion Ratio Lower Upper

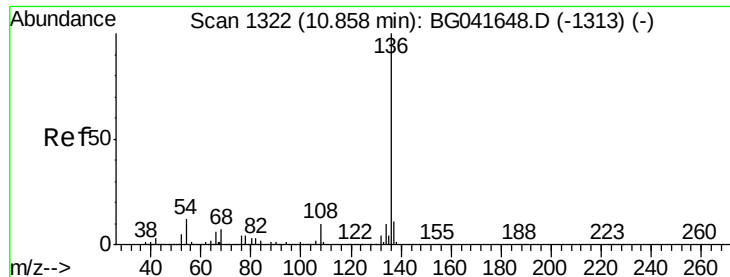
107 100

108 89.0 67.5 107.5

77 33.4 12.3 52.3

79 30.3 8.3 48.3





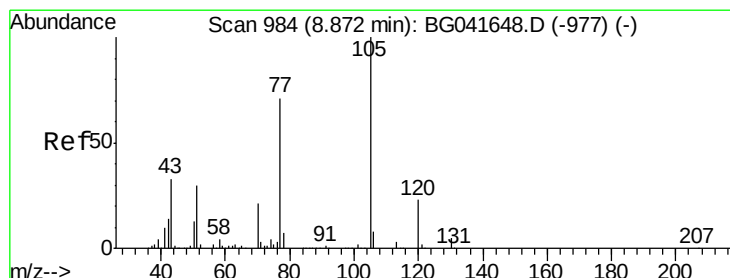
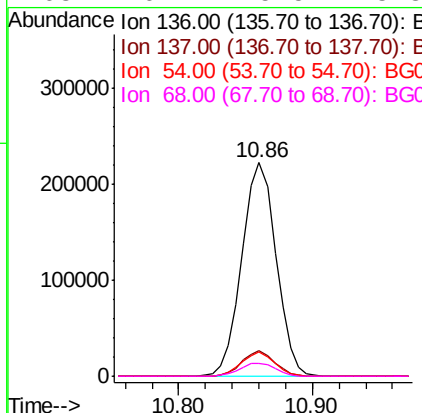
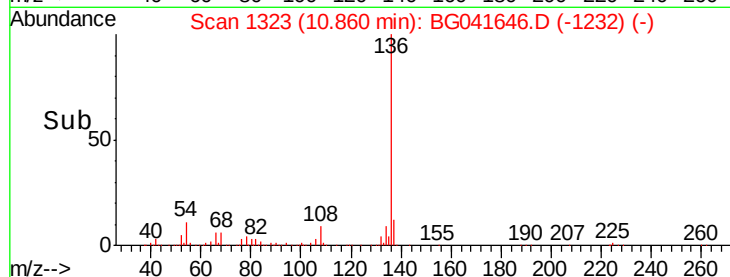
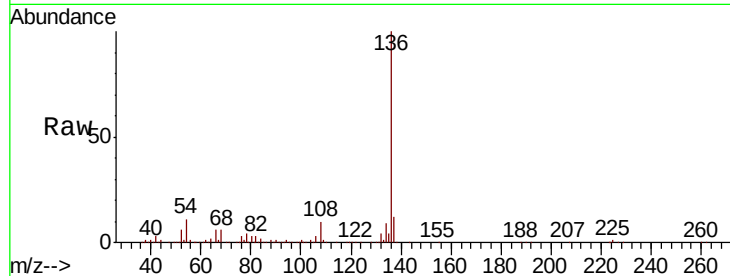
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1323  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 394140 |       |       |
| 137     | 12.1  | 9.2    | 13.8  |       |
| 54      | 11.3  | 8.7    | 13.1  |       |
| 68      | 6.2   | 5.5    | 8.3   |       |

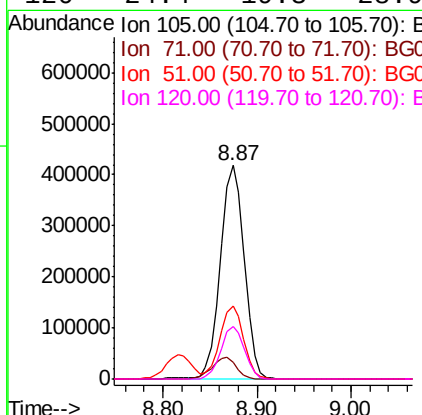
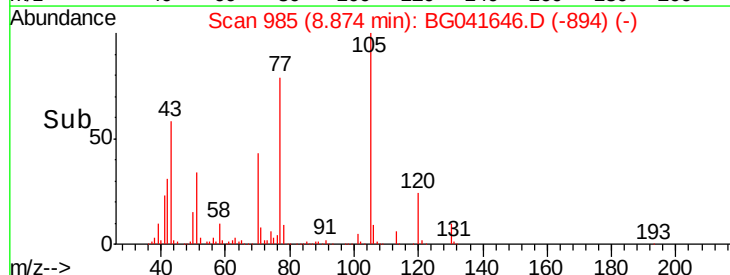
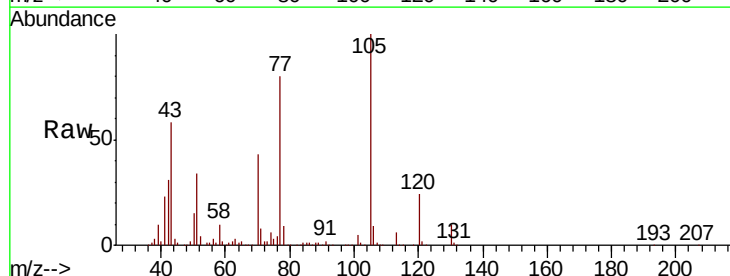
Manual Integrations  
APPROVED

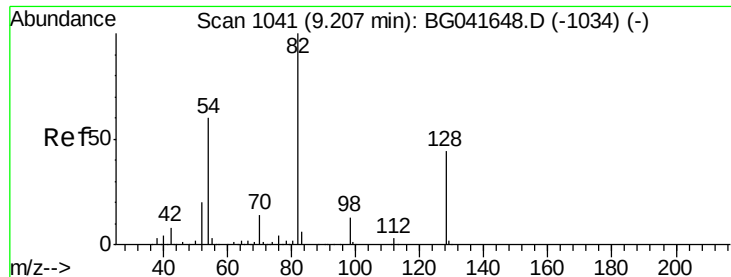
mohammad  
7/17/2019 7:39:48 AM



#22  
Acetophenone  
Concen: 75.825 ng  
RT: 8.87 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 739527 |       |       |
| 71      | 7.8   | 5.9    | 8.9   |       |
| 51      | 34.5  | 27.7   | 41.5  |       |
| 120     | 24.4  | 19.3   | 28.9  |       |





#23

Nitrobenzene-d5

Concen: 162.829 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1053052

Ion Ratio Lower Upper

82 100

128 45.2 35.1 52.7

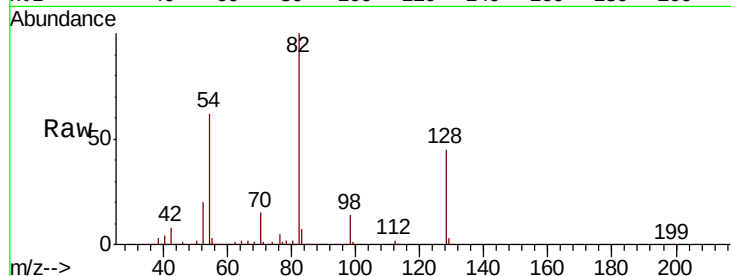
54 61.9 48.7 73.1

Manual Integrations

APPROVED

mohammad

7/17/2019 7:39:48 AM

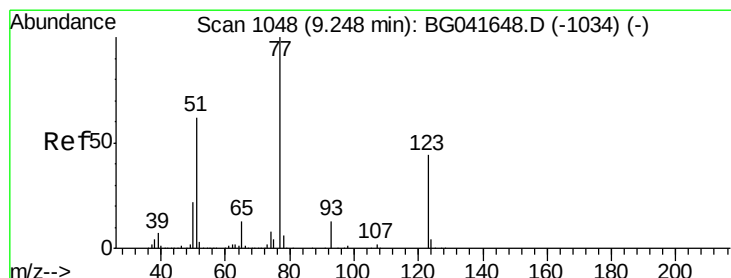
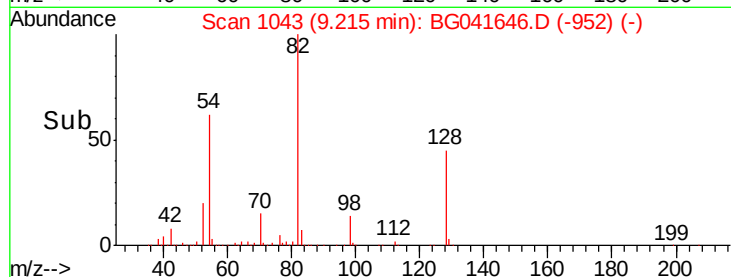
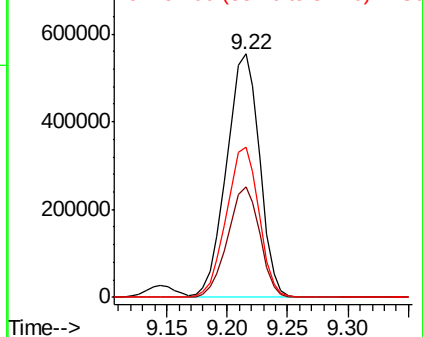


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 84.653 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

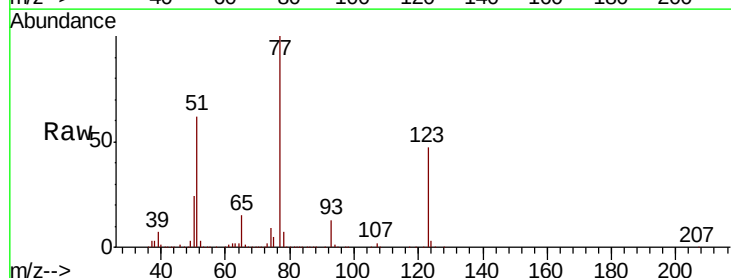
Tgt Ion: 77 Resp: 571763

Ion Ratio Lower Upper

77 100

123 47.1 38.1 57.1

65 14.7 11.0 16.6

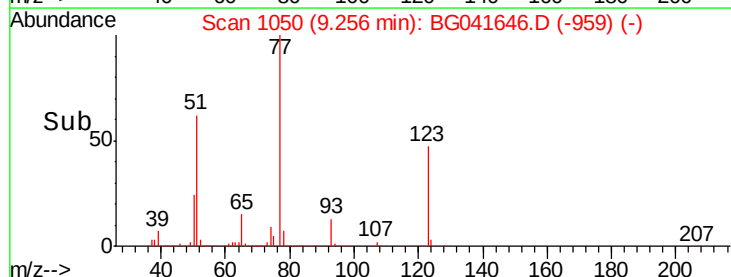
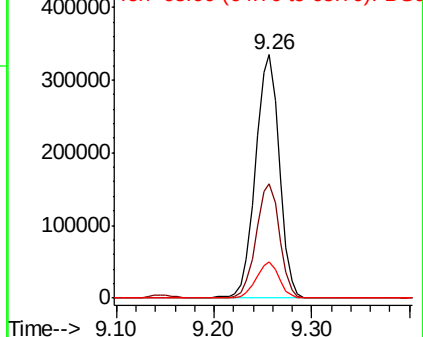


Abundance

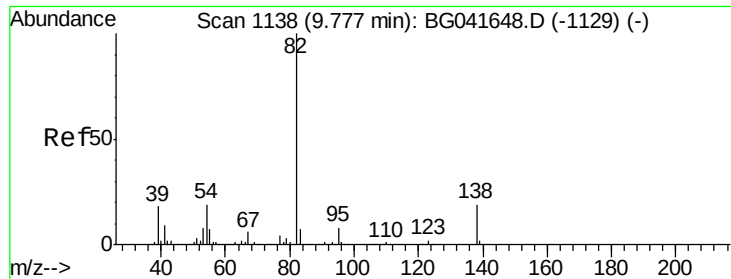
Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC







#25

Isophorone

Concen: 77.576 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1092517

Ion Ratio Lower Upper

82 100

95 7.6 5.9 8.9

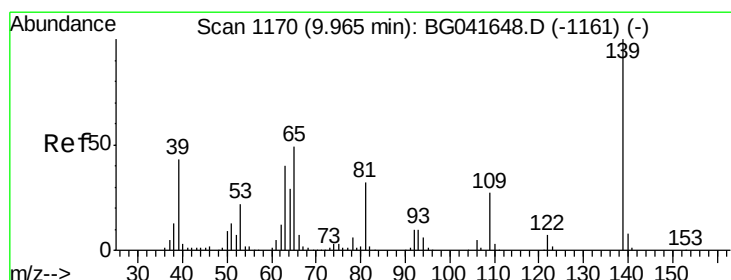
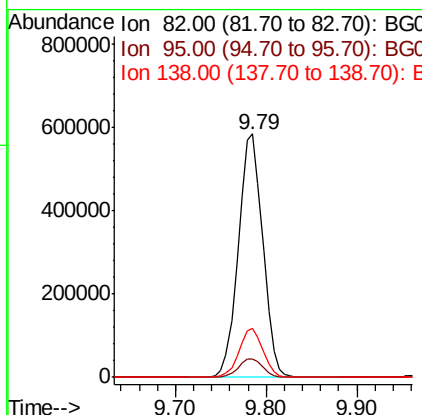
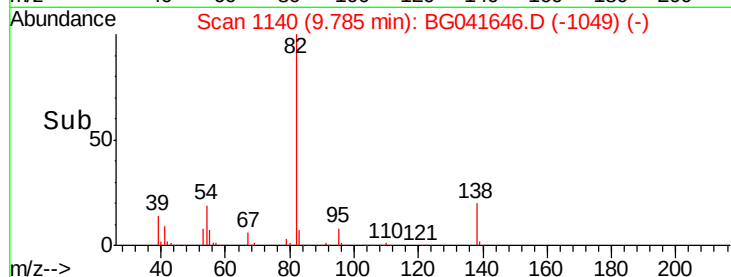
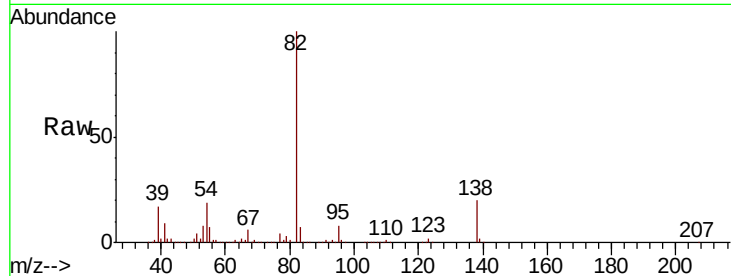
138 19.9 16.3 24.5

Manual Integrations

APPROVED

mohammad

7/17/2019 7:39:48 AM



#26

2-Nitrophenol

Concen: 89.598 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

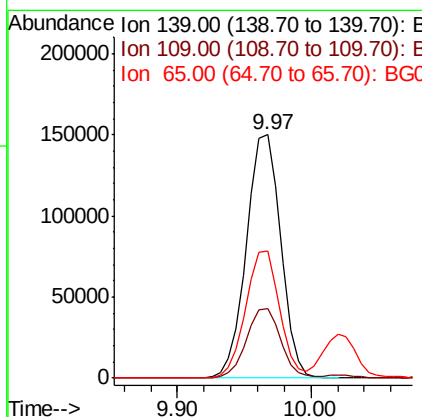
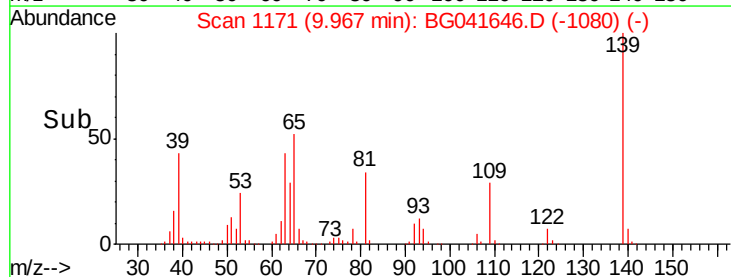
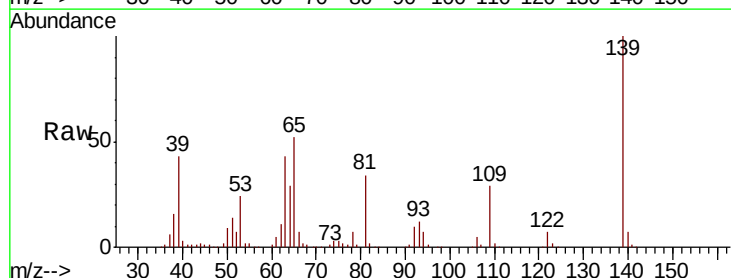
Tgt Ion: 139 Resp: 266415

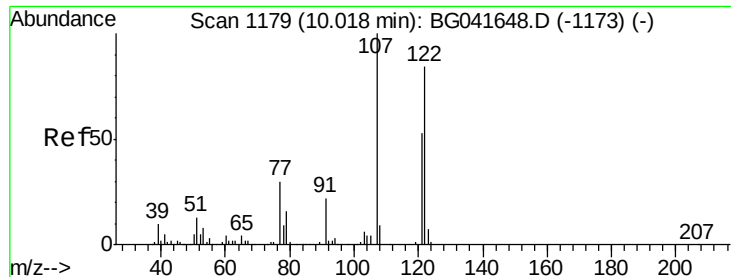
Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

65 52.4 41.1 61.7





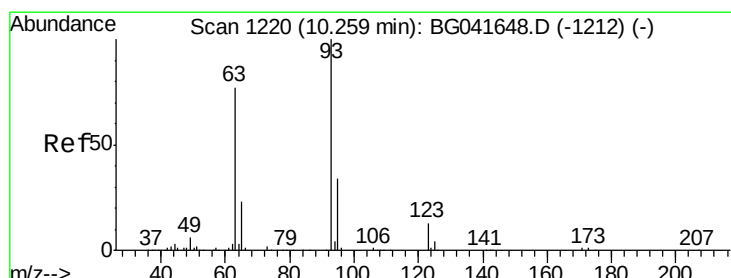
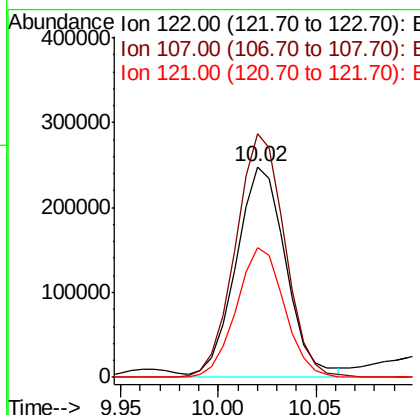
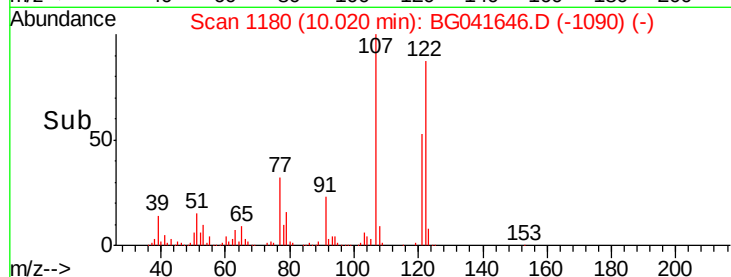
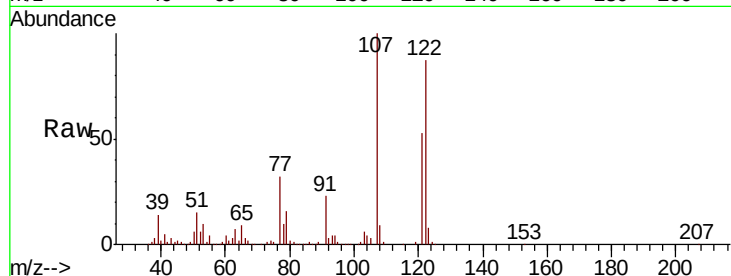
#27  
 2,4-Dimethylphenol  
 Concen: 78.102 ng  
 RT: 10.02 min Scan# 1180  
 Delta R.T. -0.00 min  
 Lab File: BG041646.D  
 Acq: 15 Jul 2019 11:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.5 | 91.3  | 136.9 |
| 121     | 61.7  | 49.2  | 73.8  |

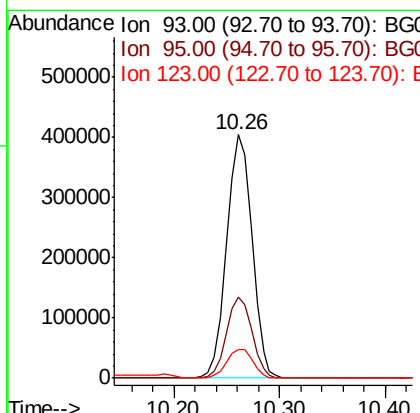
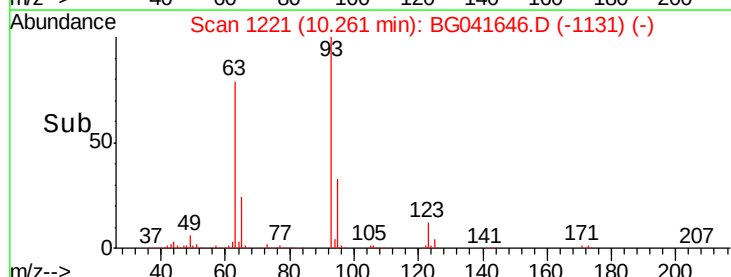
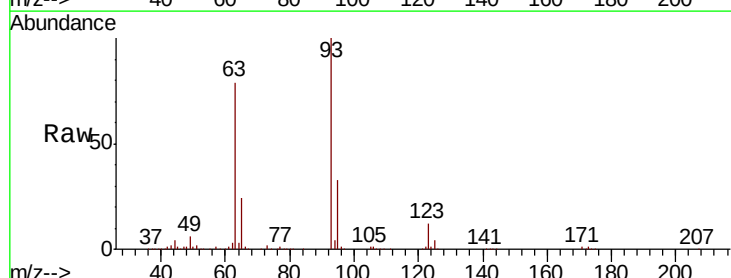
Manual Integrations  
 APPROVED

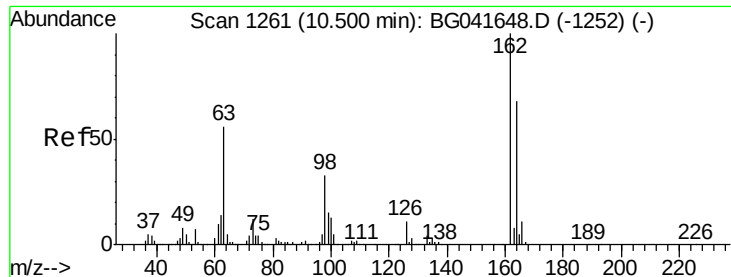
mohammad  
 7/17/2019 7:39:48 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 76.775 ng  
 RT: 10.26 min Scan# 1221  
 Delta R.T. -0.00 min  
 Lab File: BG041646.D  
 Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.4  | 26.2  | 39.4  |
| 123     | 12.0  | 9.9   | 14.9  |





#29

2,4-Dichlorophenol

Concen: 77.702 ng

RT: 10.50 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

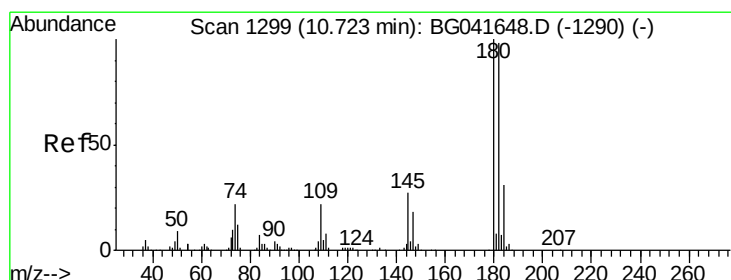
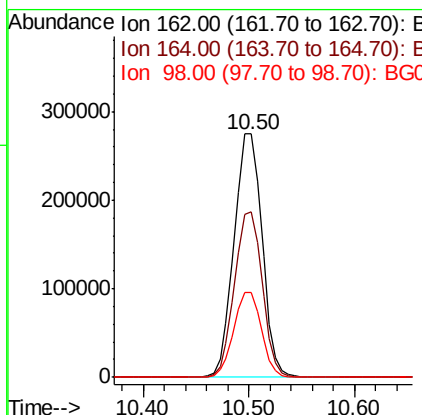
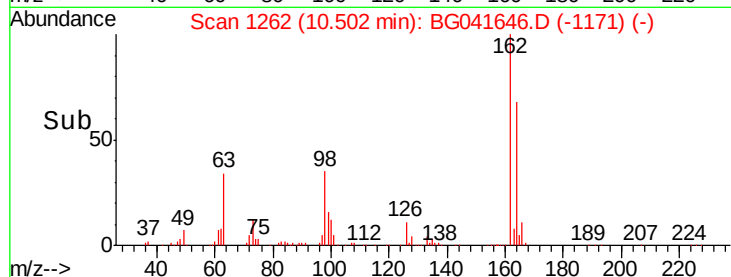
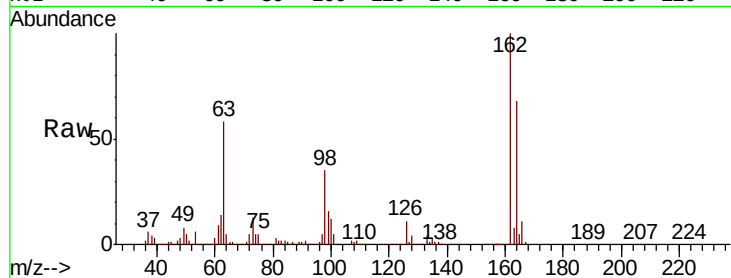
ClientSampleId :

SSTDIC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 503649 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 68.1  | 46.1  | 86.1   |
| 98        | 34.9  | 14.7  | 54.7   |

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM



#30

1,2,4-Trichlorobenzene

Concen: 76.951 ng

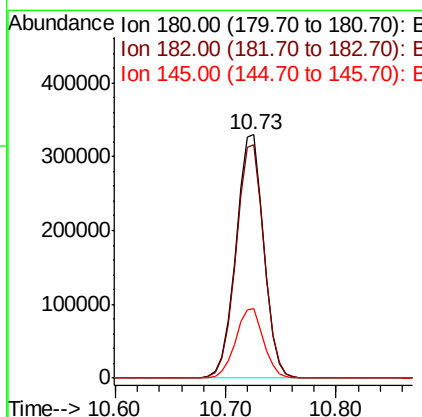
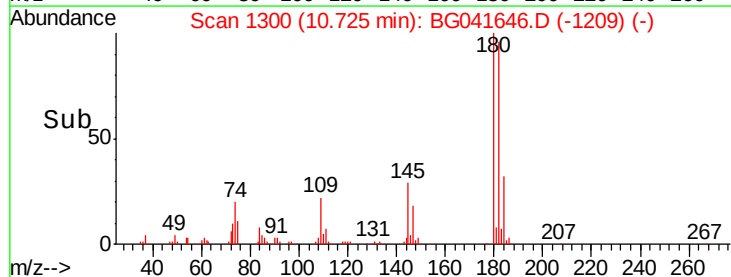
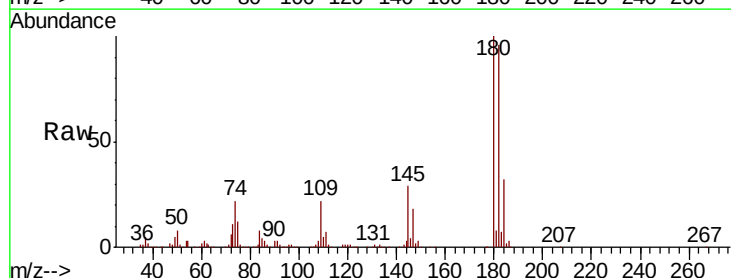
RT: 10.73 min Scan# 1300

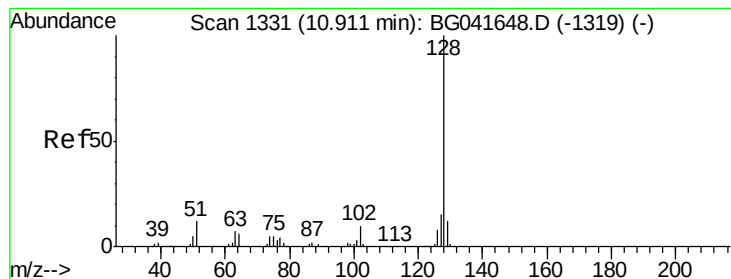
Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 581252 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.0  | 76.2  | 114.2  |
| 145       | 28.6  | 23.8  | 35.8   |





#31

Naphthalene

Concen: 76.900 ng

RT: 10.91 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tot Ion:128 Resp: 1480123

Ion Ratio Lower Upper

128 100

129 12.4 10.0 15.0

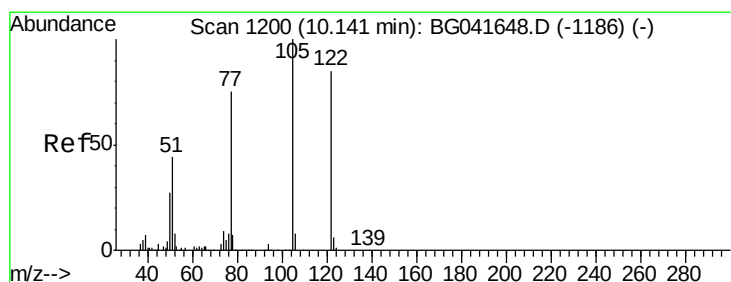
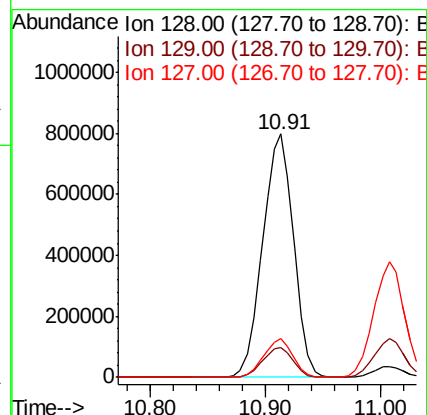
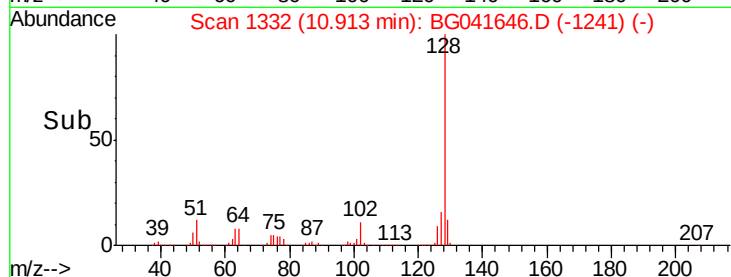
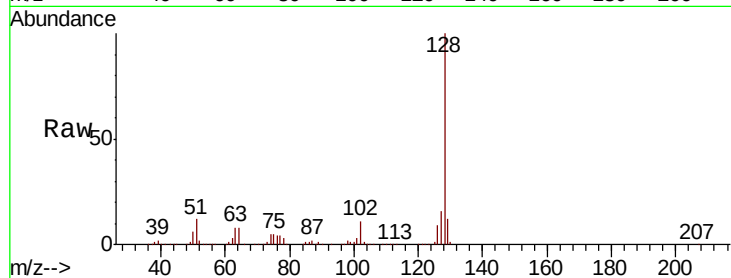
127 15.7 12.3 18.5

Manual Integrations

APPROVED

mohammad

7/17/2019 7:39:48 AM



#32

Benzoic acid

Concen: 87.245 ng

RT: 10.19 min Scan# 1209

Delta R.T. 0.02 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

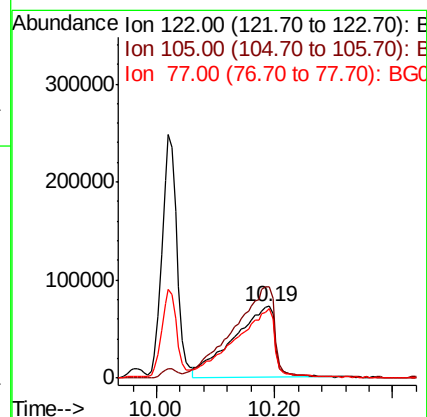
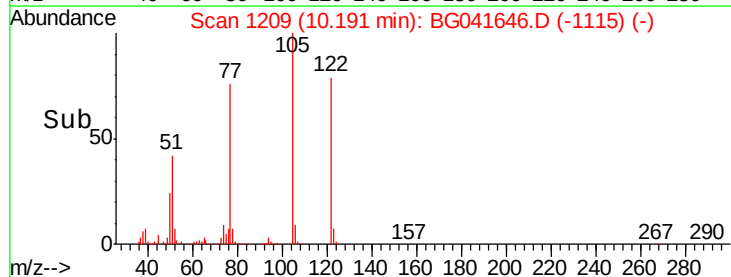
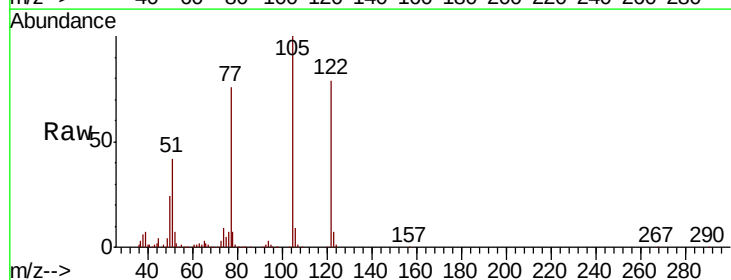
Tgt Ion:122 Resp: 359138

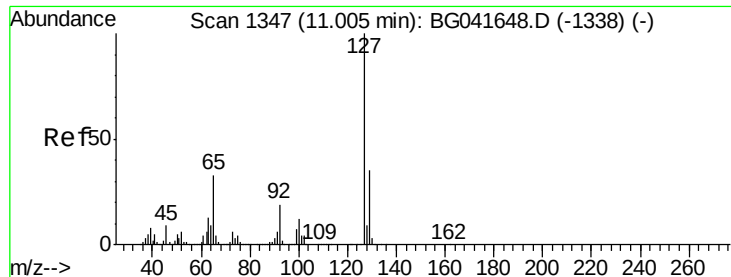
Ion Ratio Lower Upper

122 100

105 126.3 101.5 141.5

77 96.1 73.0 113.0





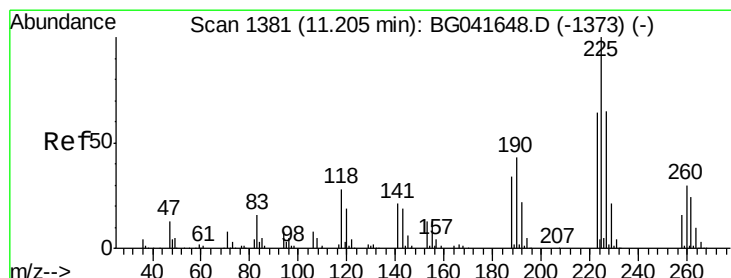
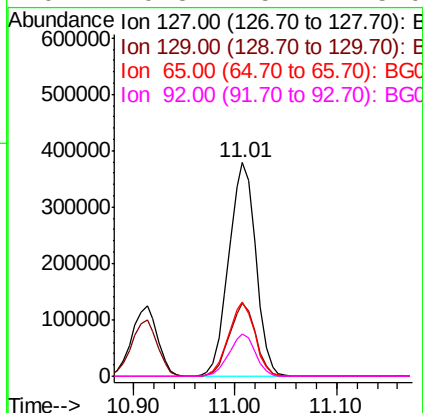
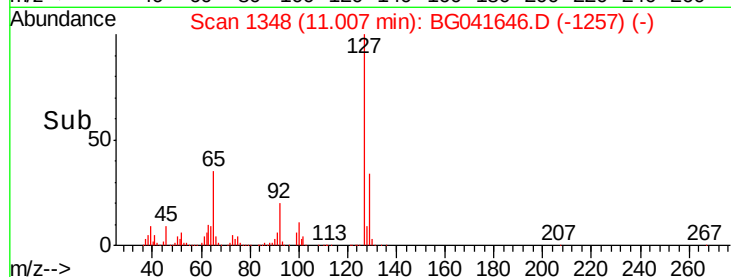
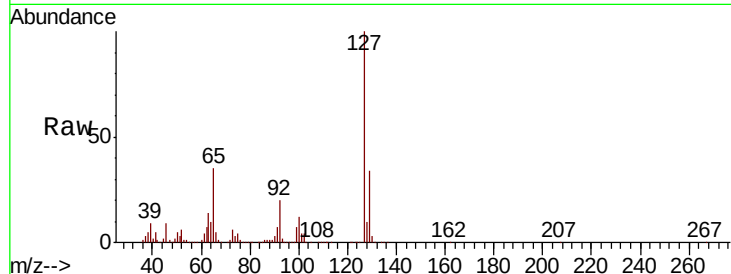
#33  
4-Chloroaniline  
Concen: 75.642 ng  
RT: 11.01 min Scan# 1348  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampled :  
SSTDICC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 699731 |       |       |
| 129     | 34.1  | 25.8   | 38.8  |       |
| 65      | 34.5  | 26.7   | 40.1  |       |
| 92      | 19.8  | 15.4   | 23.0  |       |

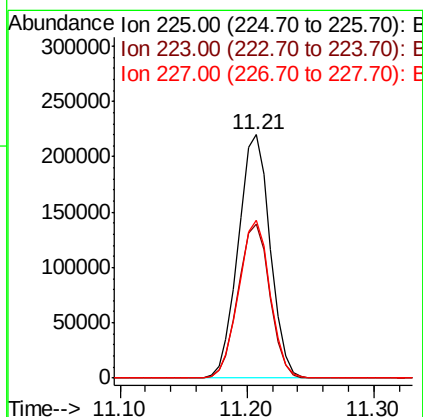
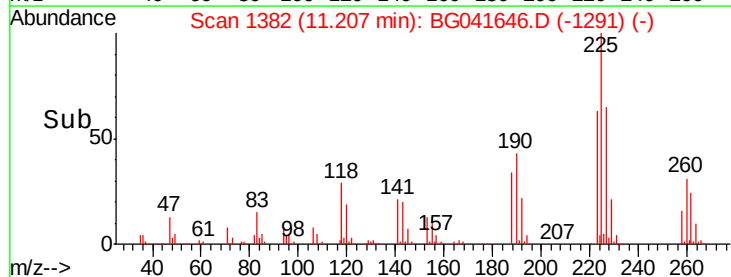
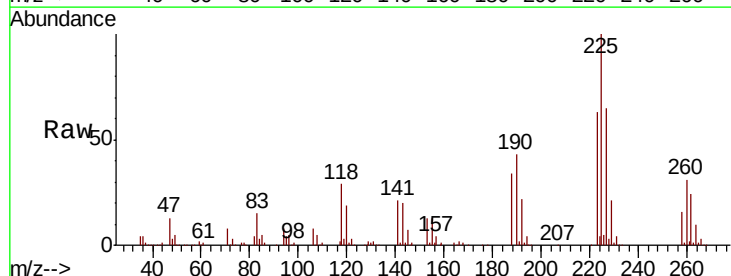
Manual Integrations  
APPROVED

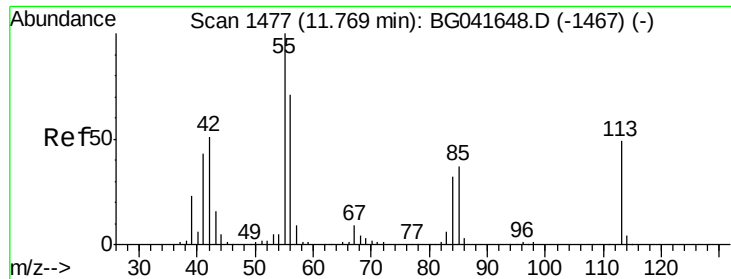
mohammad  
7/17/2019 7:39:48 AM



#34  
Hexachlorobutadiene  
Concen: 78.229 ng  
RT: 11.21 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 382410 |       |       |
| 223     | 63.4  | 51.1   | 76.7  |       |
| 227     | 64.7  | 50.9   | 76.3  |       |





#35

Caprolactam

Concen: 75.439 ng/ml

RT: 11.79 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

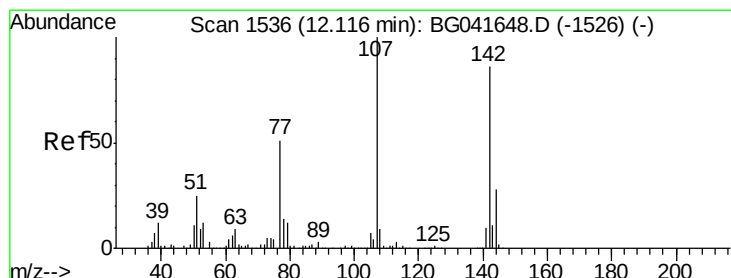
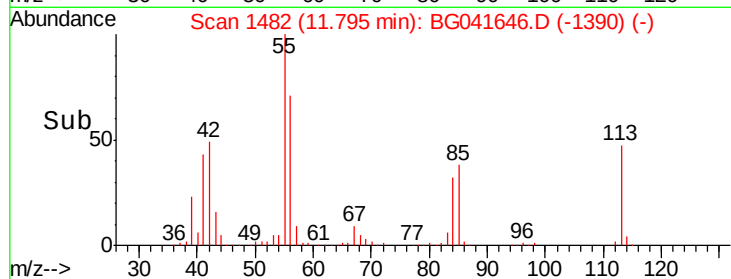
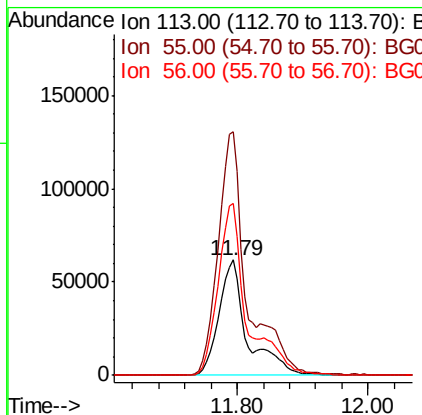
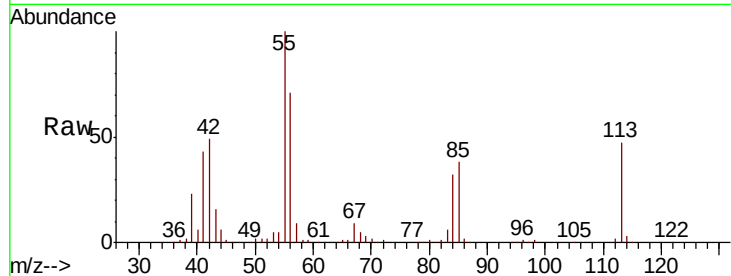
ClientSampleID :

SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 211.0 | 199.4 | 239.4 |
| 56      | 149.3 | 133.6 | 173.6 |

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM



#36

4-Chloro-3-methylphenol

Concen: 77.615 ng/ml

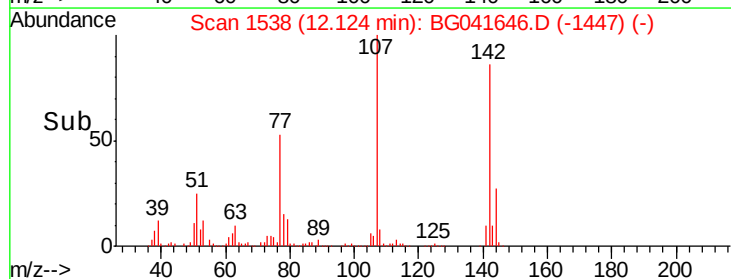
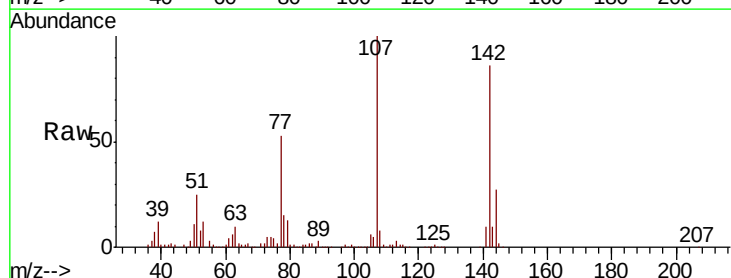
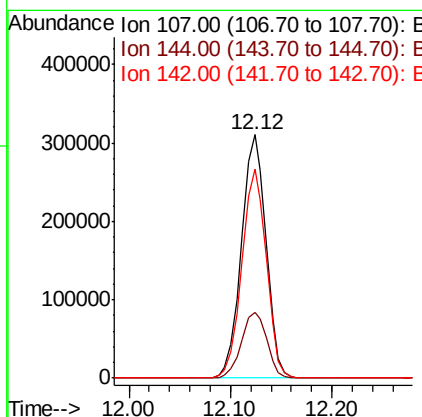
RT: 12.12 min Scan# 1538

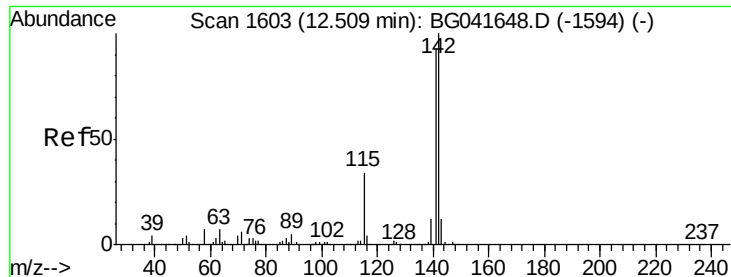
Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.2  | 22.2  | 33.2  |
| 142     | 86.0  | 67.3  | 100.9 |





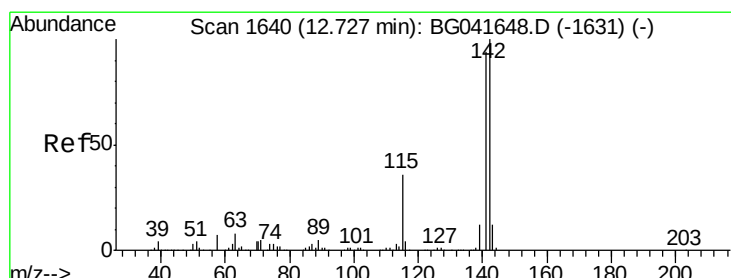
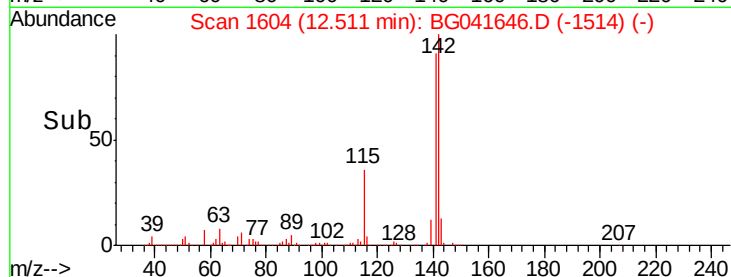
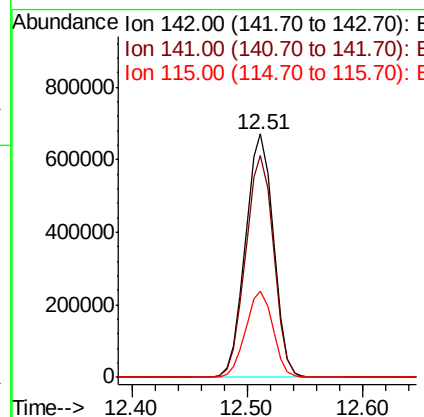
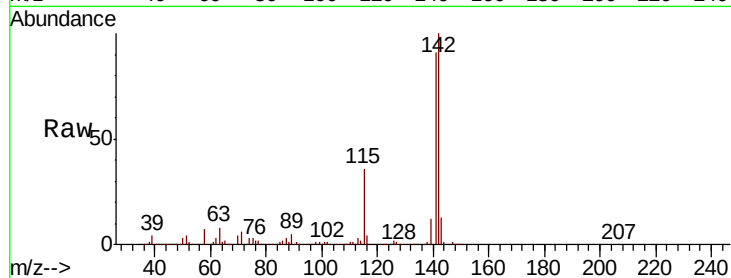
#37  
2-Methylnaphthalene  
Concen: 76.890 ng  
RT: 12.51 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.3  | 72.7  | 109.1 |
| 115     | 35.6  | 27.0  | 40.4  |

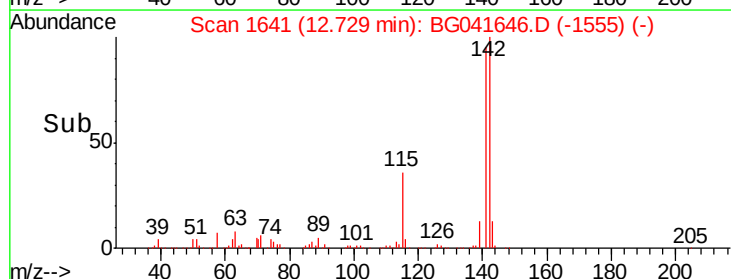
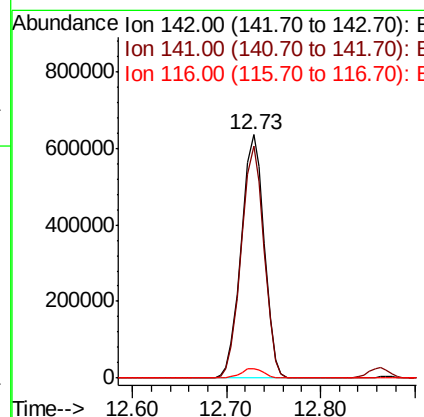
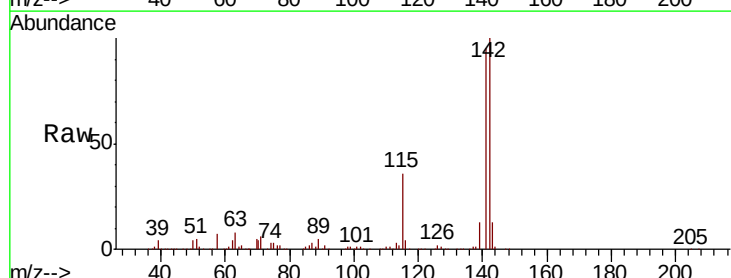
Manual Integrations  
APPROVED

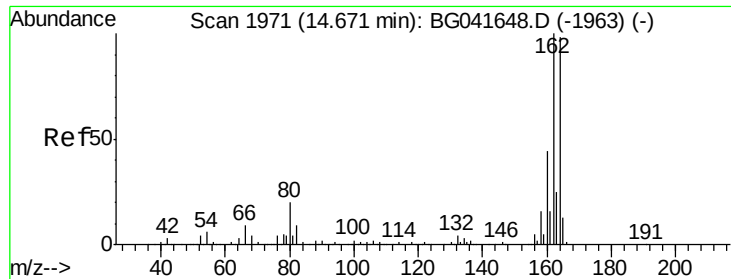
mohammad  
7/17/2019 7:39:48 AM



#38  
1-Methylnaphthalene  
Concen: 77.123 ng  
RT: 12.73 min Scan# 1641  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.2  | 75.4  | 113.2 |
| 116     | 4.1   | 3.2   | 4.8   |





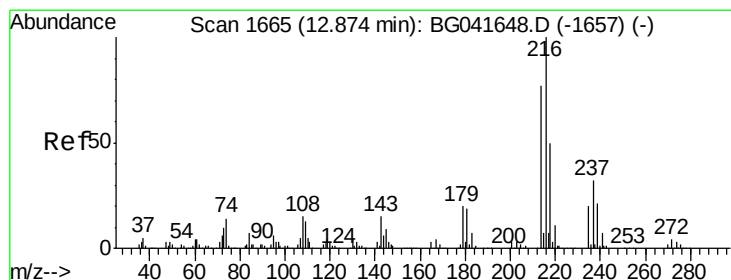
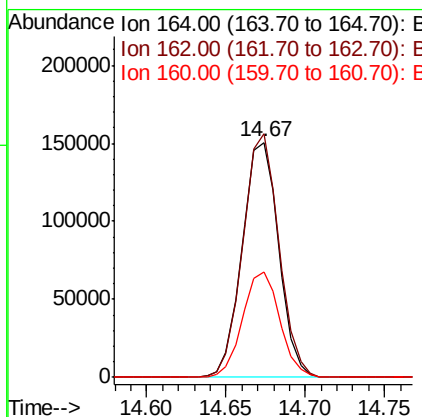
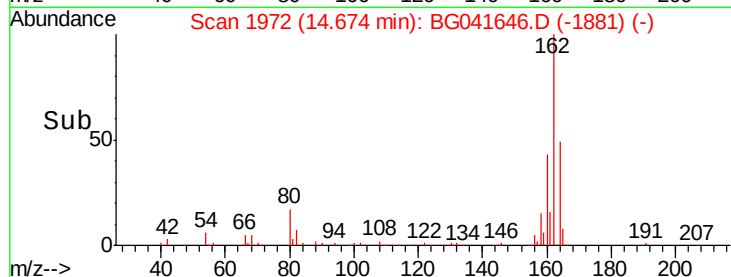
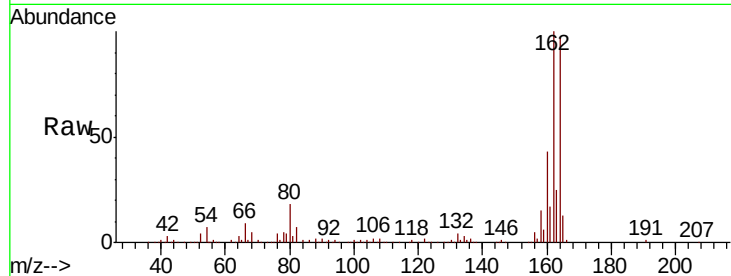
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.67 min Scan# 1972  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.6 | 79.6  | 119.4 |
| 160     | 44.8  | 35.4  | 53.0  |

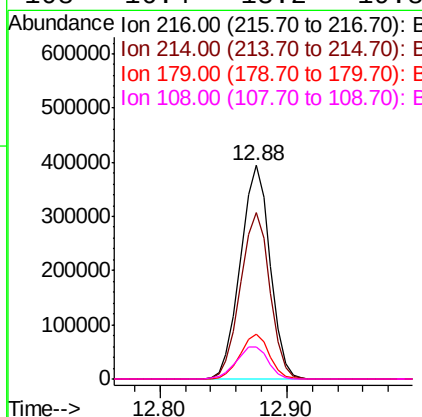
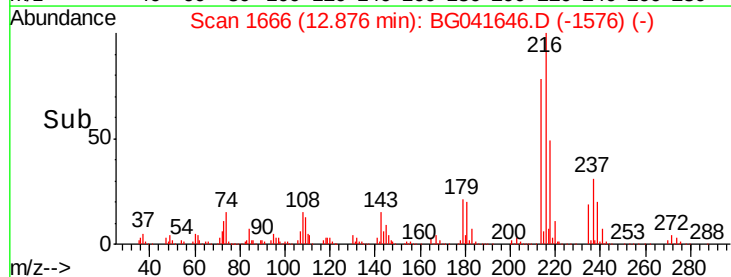
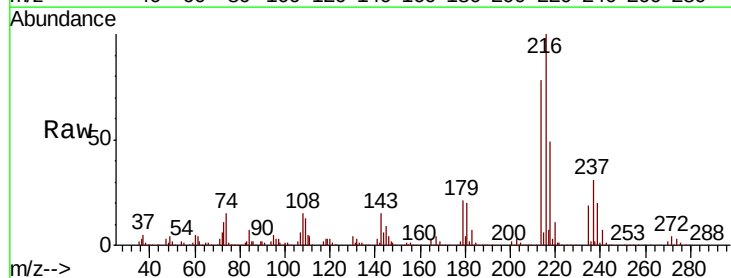
Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM

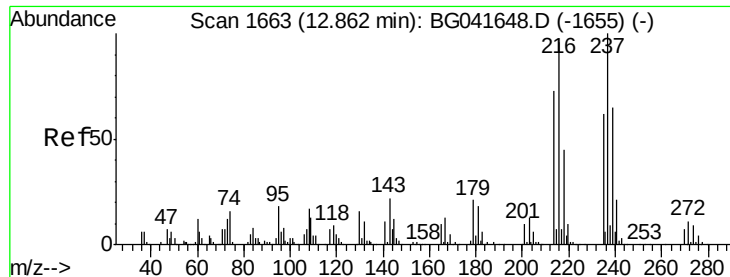


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 77.963 ng  
RT: 12.88 min Scan# 1666  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.4  | 61.5  | 92.3  |
| 179     | 20.4  | 16.2  | 24.2  |
| 108     | 16.4  | 13.2  | 19.8  |







#41

Hexachlorocyclopentadiene

Concen: 75.725 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

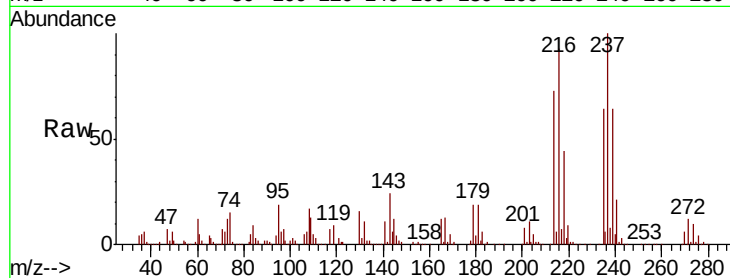
ClientSampleId :

SSTDIC080

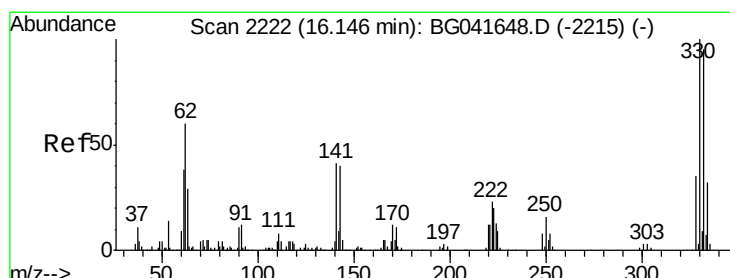
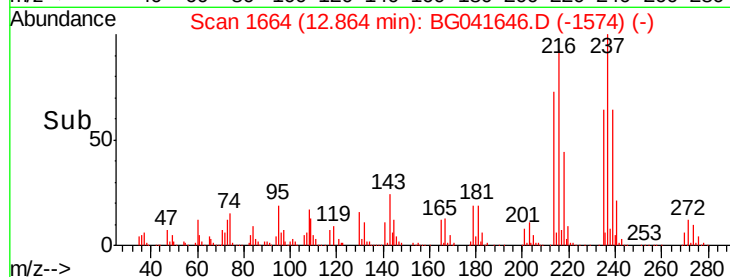
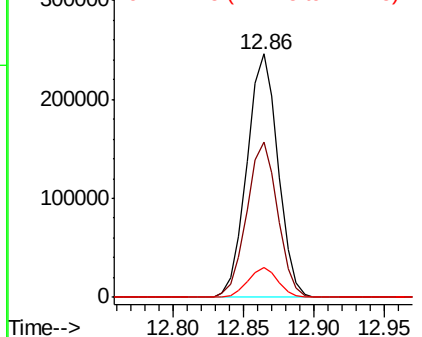
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 379696 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.8  | 43.5  | 83.5   |
| 272       | 12.0  | 0.0   | 31.2   |

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 156.618 ng

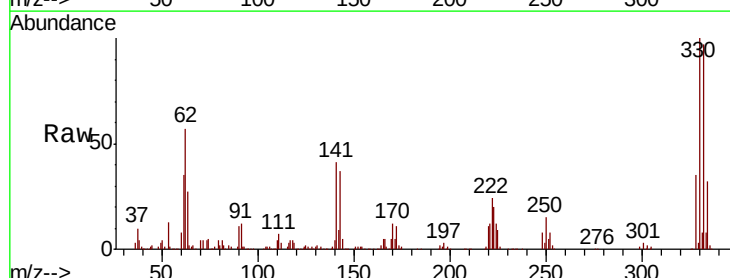
RT: 16.15 min Scan# 2224

Delta R.T. 0.00 min

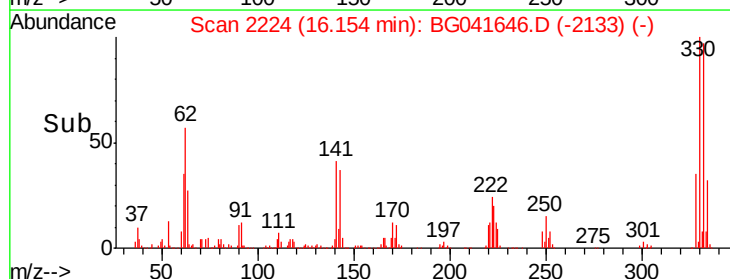
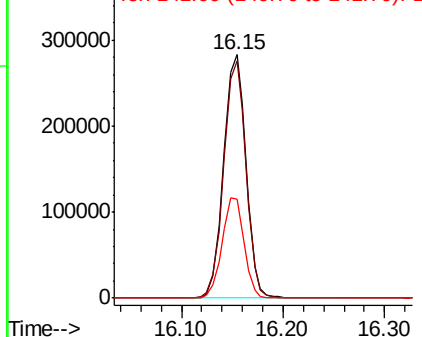
Lab File: BG041646.D

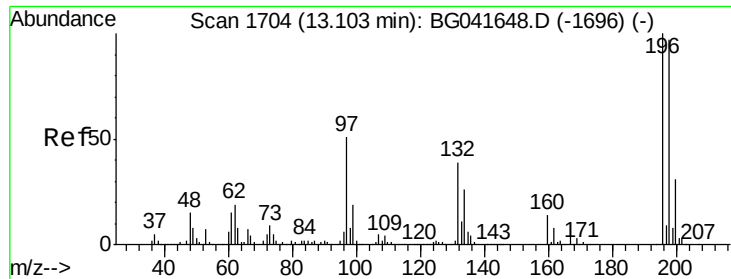
Acq: 15 Jul 2019 11:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 432544 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.8  | 77.4  | 116.0  |
| 141       | 40.8  | 31.9  | 47.9   |



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





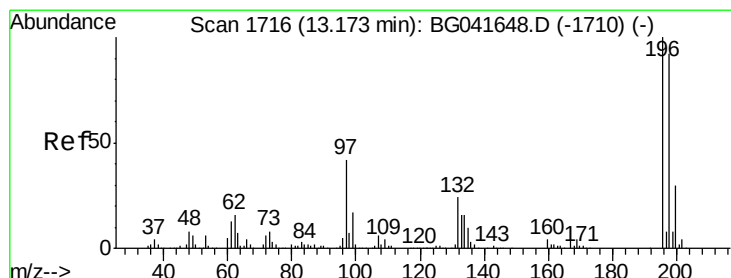
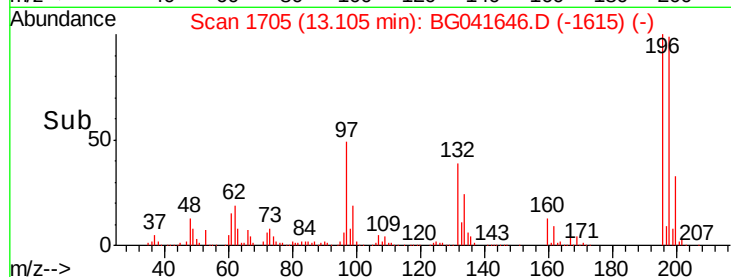
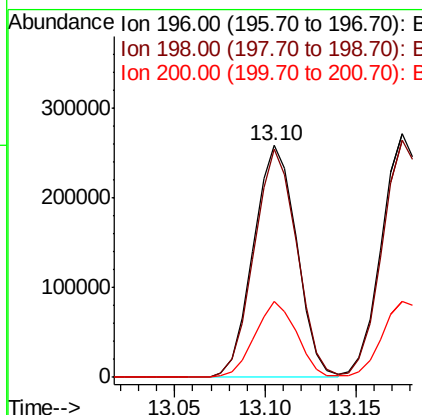
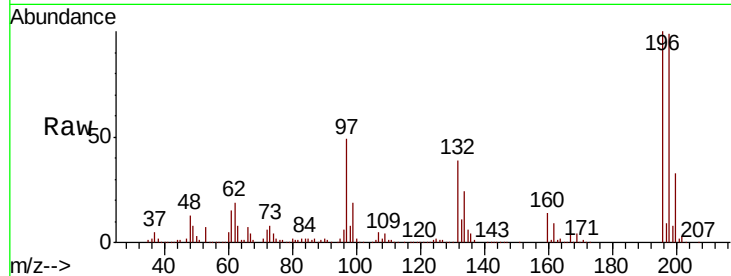
#43  
 2,4,6-Trichlorophenol  
 Concen: 79.675 ng  
 RT: 13.10 min Scan# 1705  
 Delta R.T. -0.00 min  
 Lab File: BG041646.D  
 Acq: 15 Jul 2019 11:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 428060 |       |       |
| 198     | 98.6  | 79.6   | 119.4 |       |
| 200     | 33.0  | 25.2   | 37.8  |       |

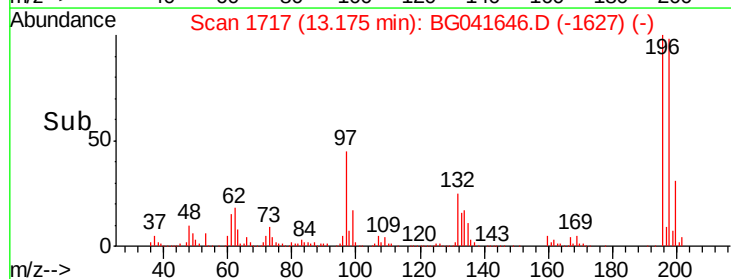
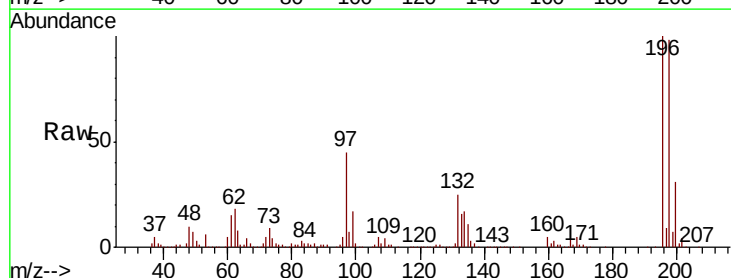
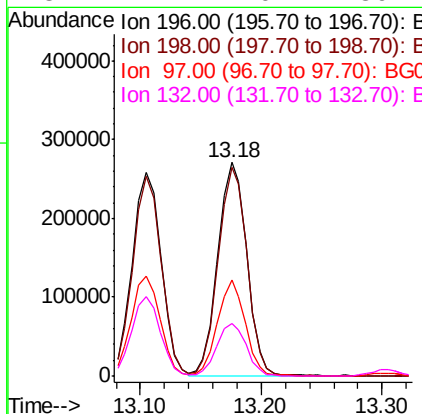
Manual Integrations  
 APPROVED

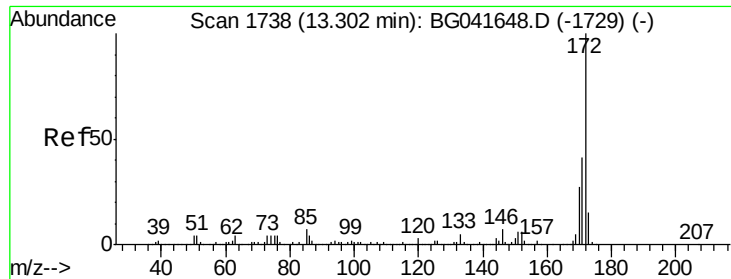
mohammad  
 7/17/2019 7:39:48 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 81.762 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. -0.00 min  
 Lab File: BG041646.D  
 Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 448609 |       |       |
| 198     | 97.6  | 80.6   | 121.0 |       |
| 97      | 45.1  | 33.9   | 50.9  |       |
| 132     | 24.7  | 20.2   | 30.2  |       |





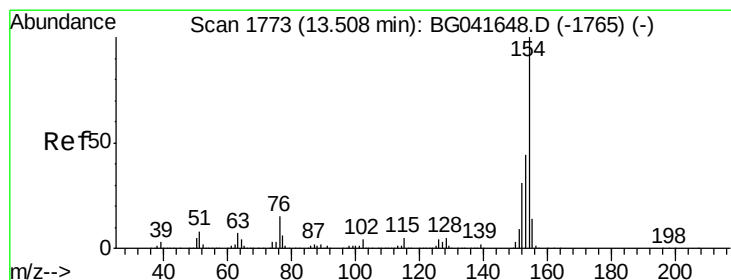
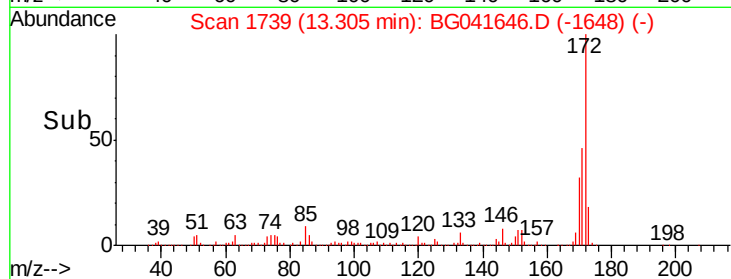
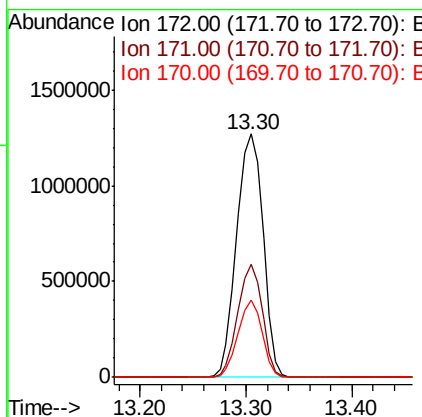
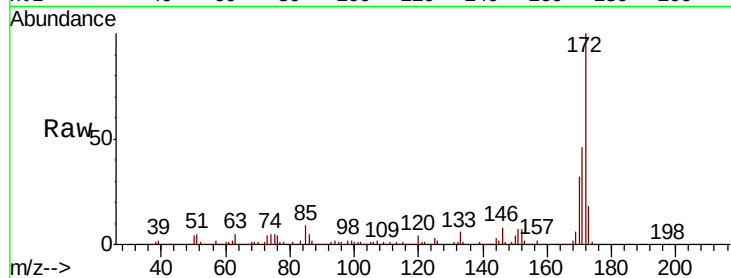
#45  
2-Fluorobiphenyl  
Concen: 143.636 ng  
RT: 13.30 min Scan# 1739  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 46.4  | 35.0  | 52.4  |
| 170     | 31.7  | 23.5  | 35.3  |

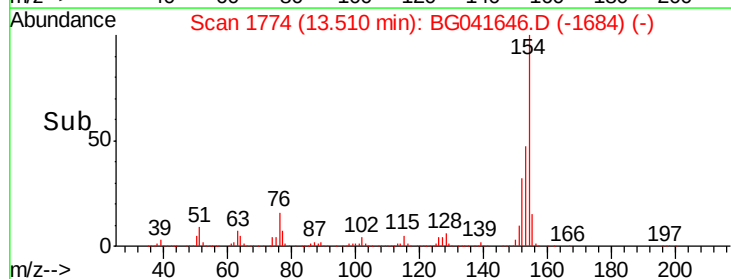
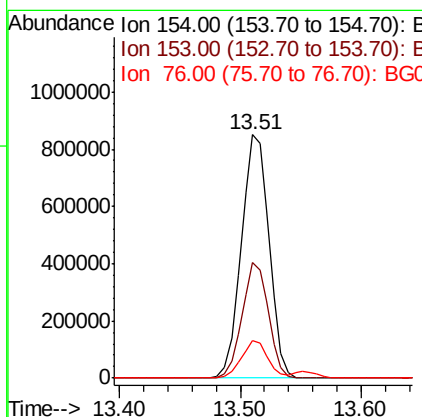
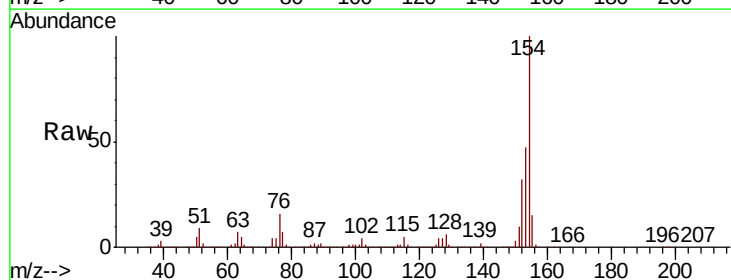
Manual Integrations  
APPROVED

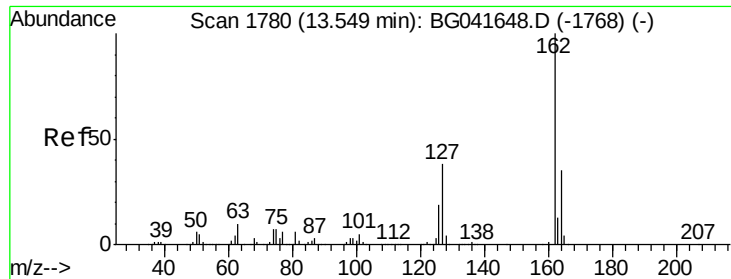
mohammad  
7/17/2019 7:39:48 AM



#46  
1,1'-Biphenyl  
Concen: 75.967 ng  
RT: 13.51 min Scan# 1774  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 47.2  | 25.0  | 65.0  |
| 76      | 15.7  | 0.0   | 34.5  |





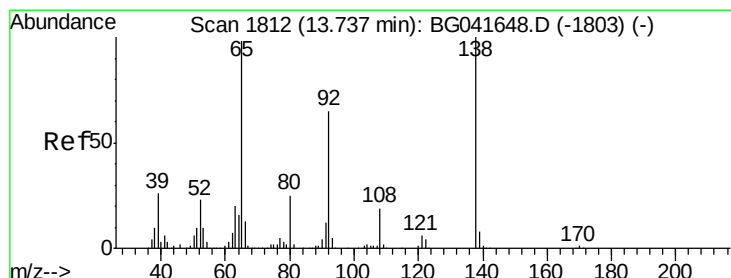
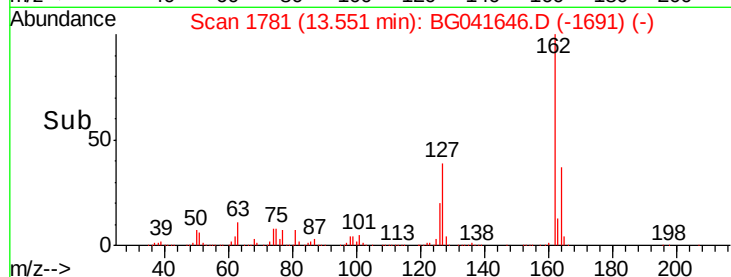
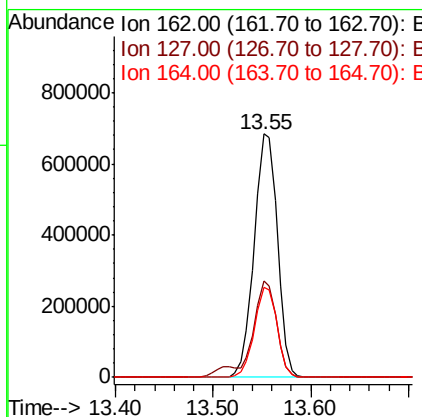
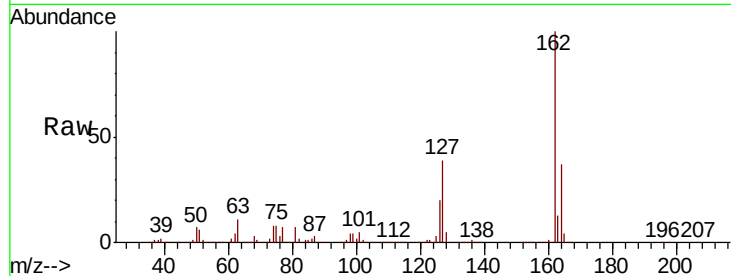
#47  
2-Chloronaphthalene  
Concen: 76.720 ng  
RT: 13.55 min Scan# 1781  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.4  | 30.4  | 45.6  |
| 164     | 36.9  | 28.6  | 42.8  |

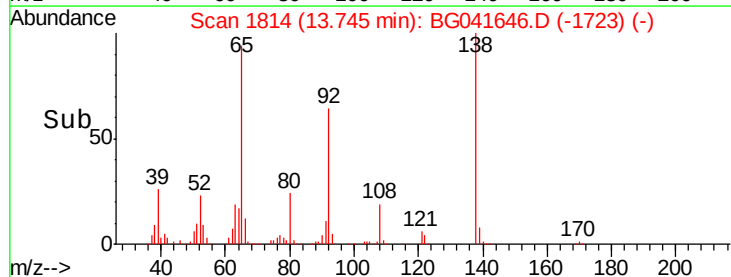
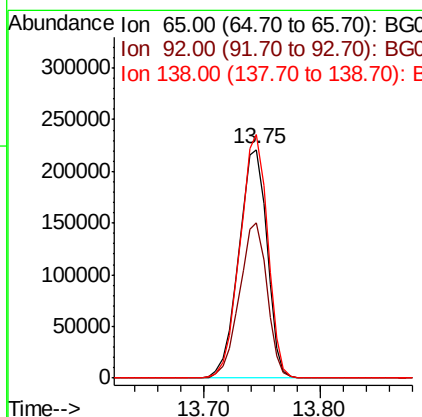
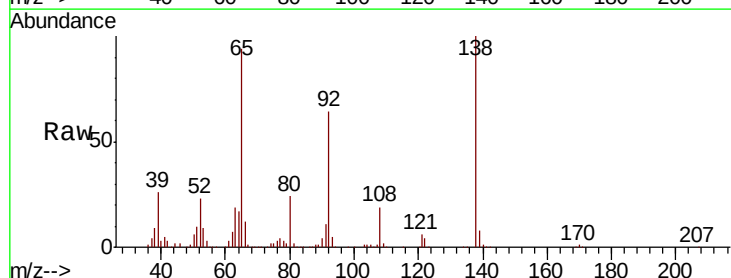
Manual Integrations  
APPROVED

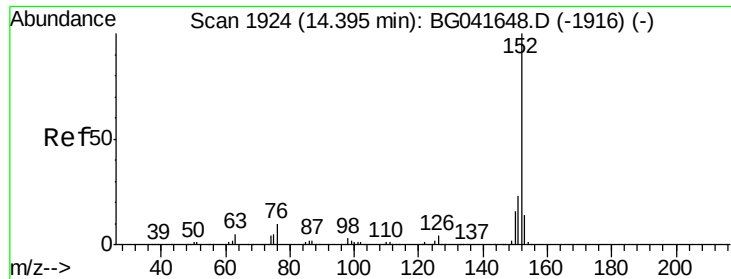
mohammad  
7/17/2019 7:39:48 AM



#48  
2-Nitroaniline  
Concen: 91.513 ng  
RT: 13.75 min Scan# 1814  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.2  | 53.9  | 80.9  |
| 138     | 106.5 | 83.5  | 125.3 |





#49

Acenaphthylene

Concen: 76.849 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 1739519

Ion Ratio Lower Upper

152 100

151 24.7 18.7 28.1

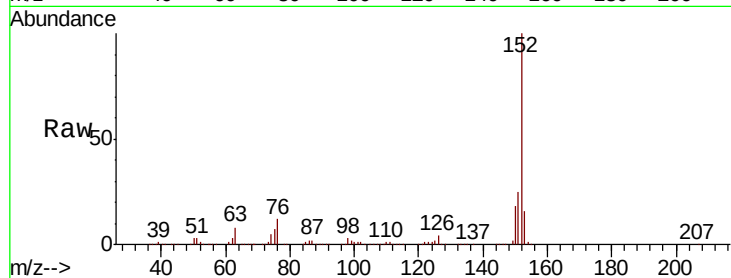
153 15.8 12.4 18.6

Manual Integrations

APPROVED

mohammad

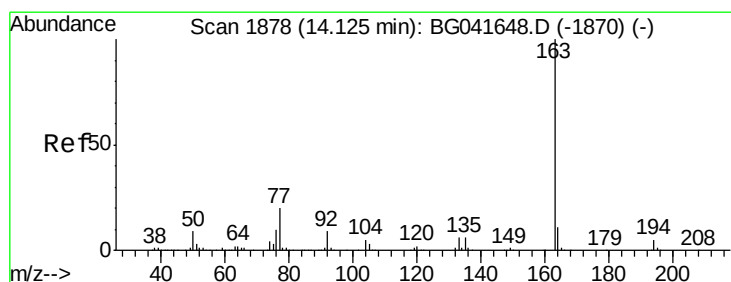
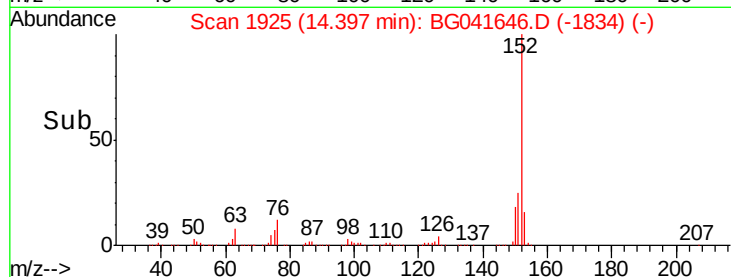
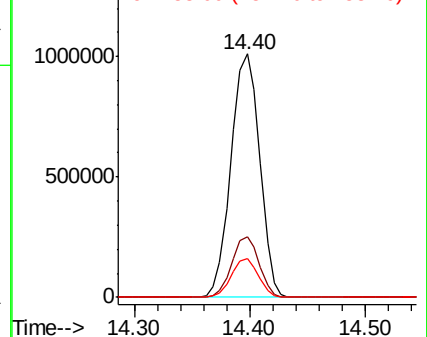
7/17/2019 7:39:48 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 74.897 ng

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

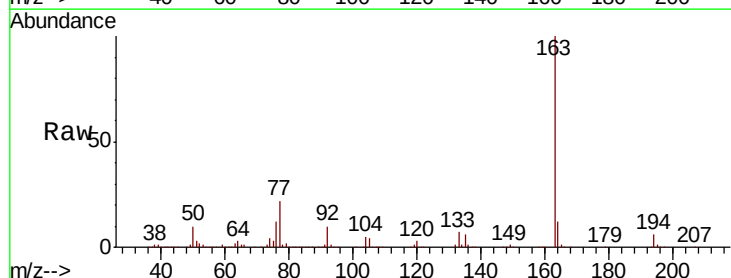
Tgt Ion:163 Resp: 1417323

Ion Ratio Lower Upper

163 100

194 5.5 4.2 6.2

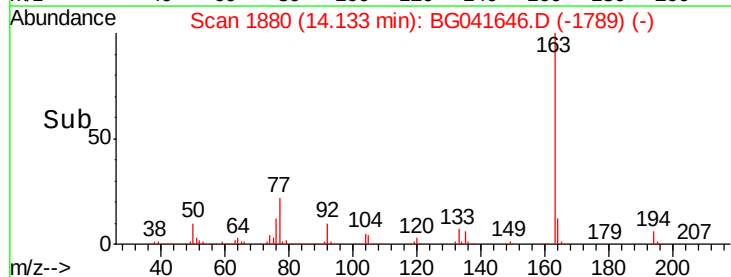
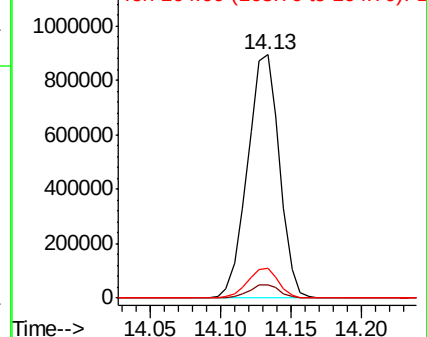
164 12.0 9.4 14.2

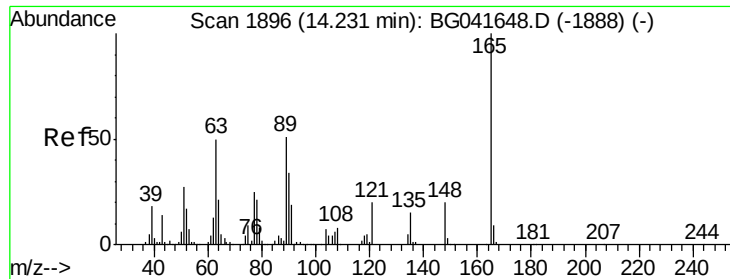


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





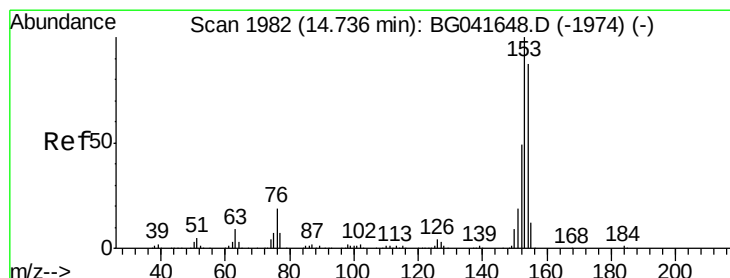
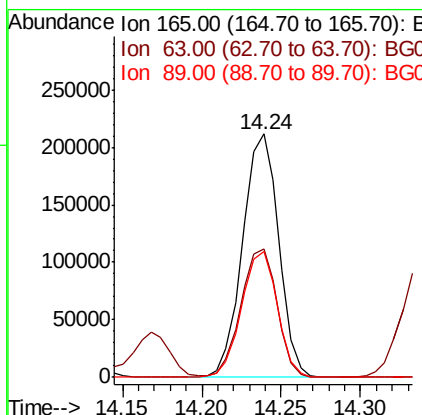
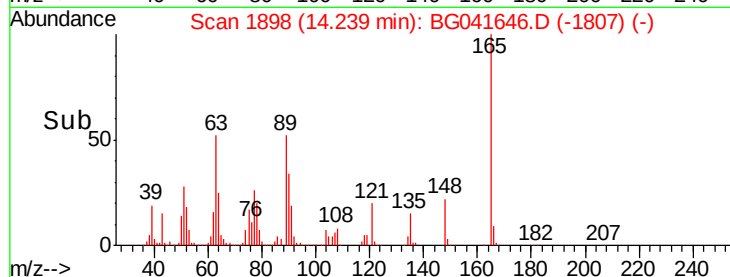
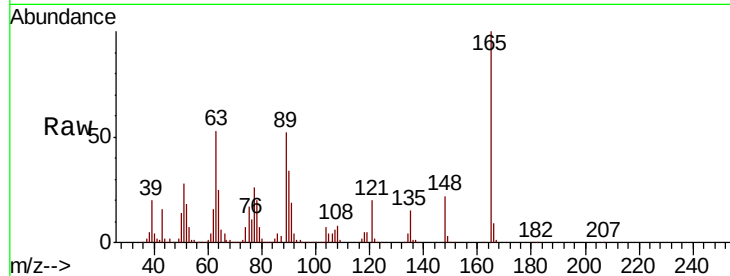
#51  
2,6-Dinitrotoluene  
Concen: 88.574 ng  
RT: 14.24 min Scan# 1898  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampled :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 52.7  | 42.4  | 63.6  |
| 89      | 51.9  | 42.1  | 63.1  |

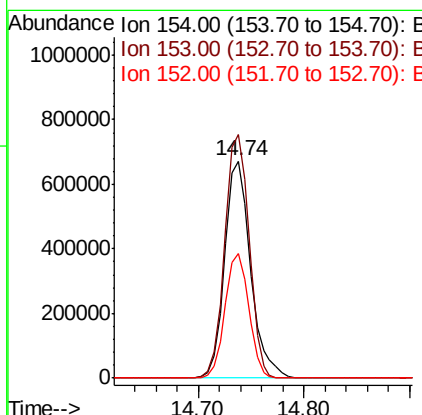
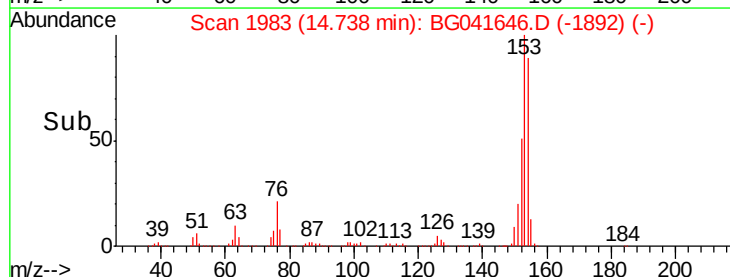
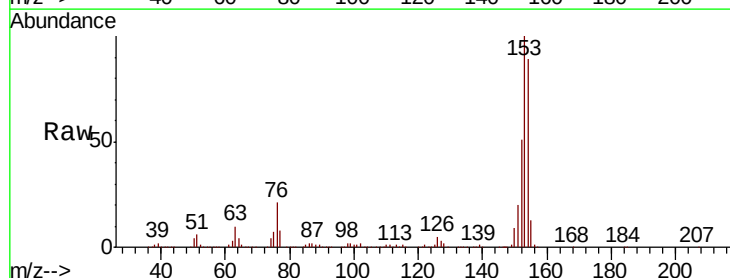
Manual Integrations  
APPROVED

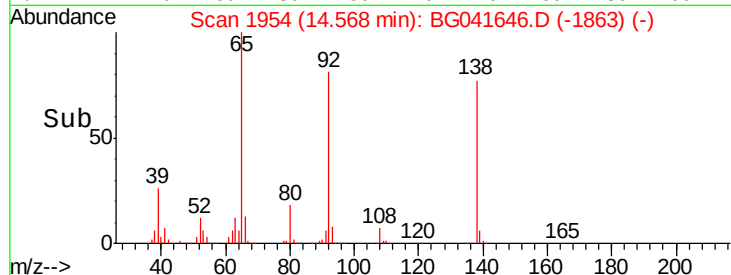
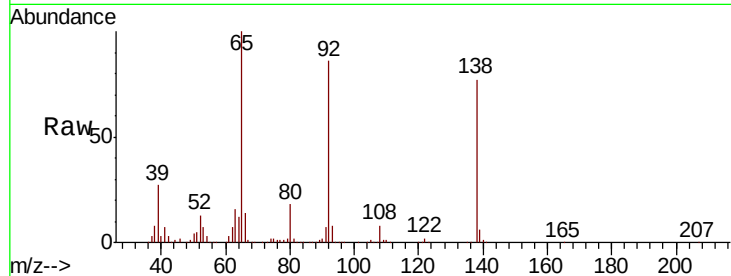
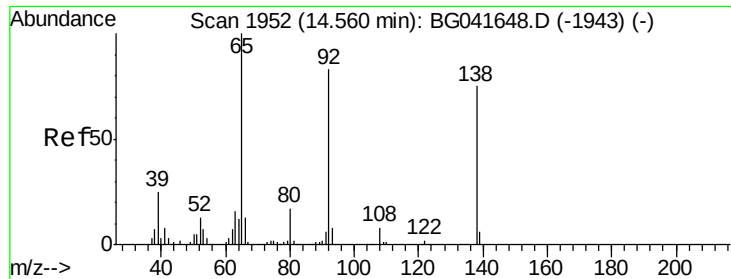
mohammad  
7/17/2019 7:39:48 AM



#52  
Acenaphthene  
Concen: 78.470 ng  
RT: 14.74 min Scan# 1983  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.2 | 89.8  | 134.6 |
| 152     | 57.2  | 44.9  | 67.3  |





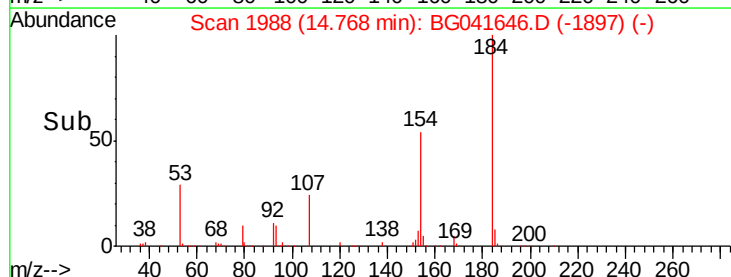
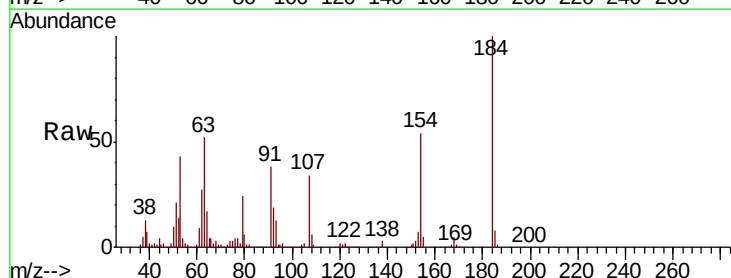
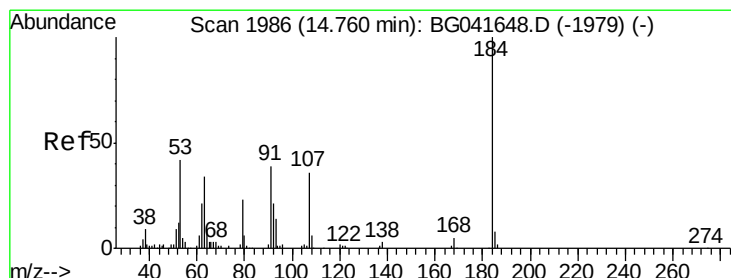
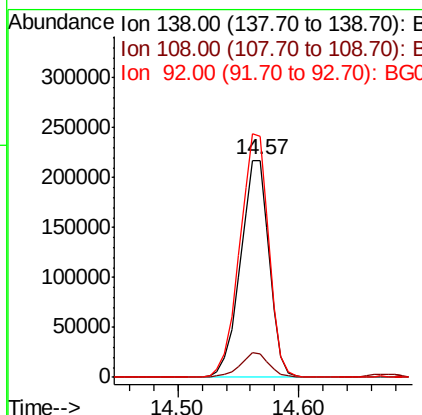
#53  
3-Nitroaniline  
Concen: 85.161 ng  
RT: 14.57 min Scan# 1954  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.8  | 10.3  | 15.5  |
| 92      | 111.1 | 93.0  | 139.4 |

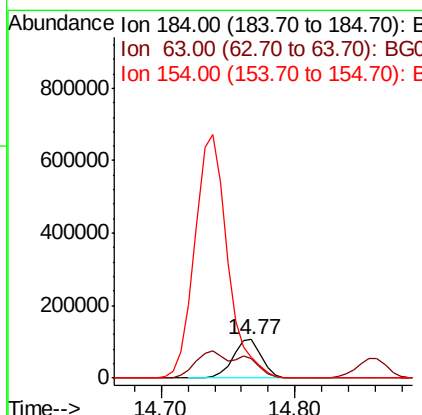
Manual Integrations  
APPROVED

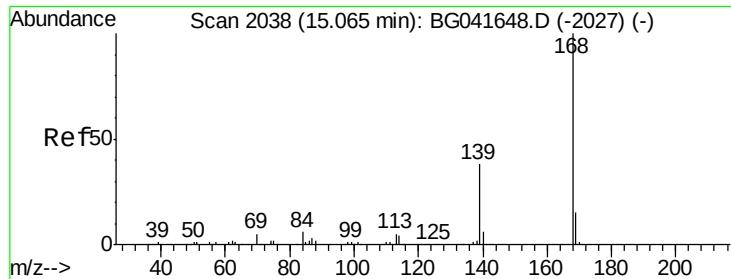
mohammad  
7/17/2019 7:39:48 AM



#54  
2,4-Dinitrophenol  
Concen: 93.147 ng  
RT: 14.77 min Scan# 1988  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 52.1  | 43.2  | 64.8  |
| 154     | 54.3  | 51.4  | 77.2  |





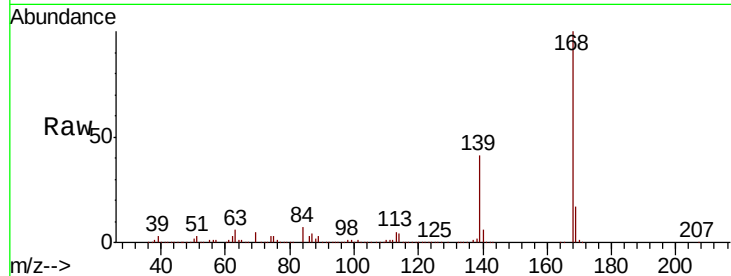
#55  
Dibenzofuran  
Concen: 75.890 ng  
RT: 15.07 min Scan# 2039  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.7  | 31.9  | 47.9  |
| 169     | 16.5  | 12.5  | 18.7  |

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM

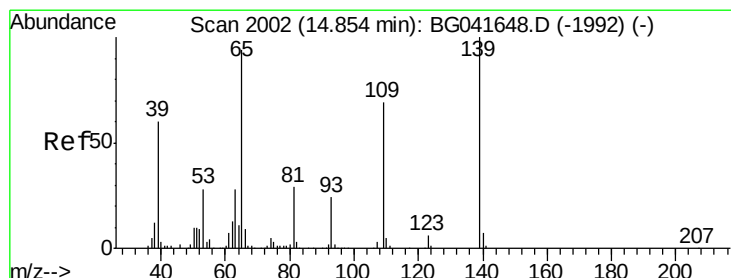
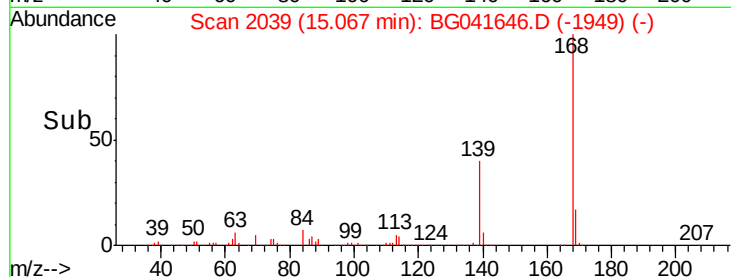
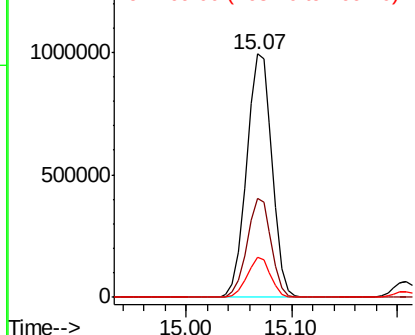


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 89.175 ng  
RT: 14.86 min Scan# 2004  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

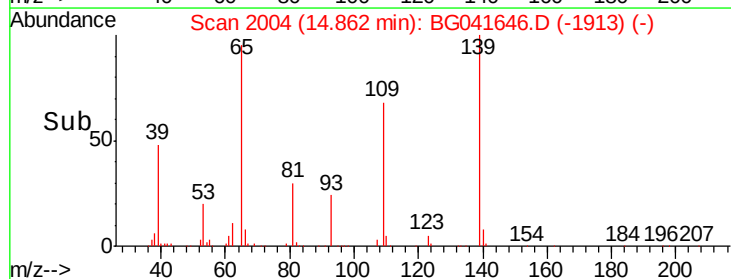
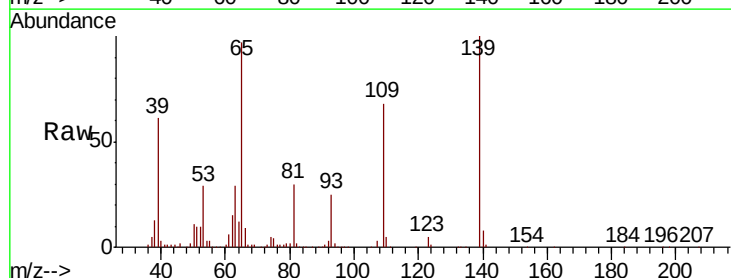
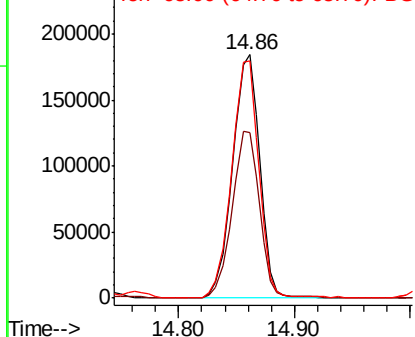
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 68.2  | 51.3  | 91.3  |
| 65      | 97.3  | 77.6  | 117.6 |

Abundance

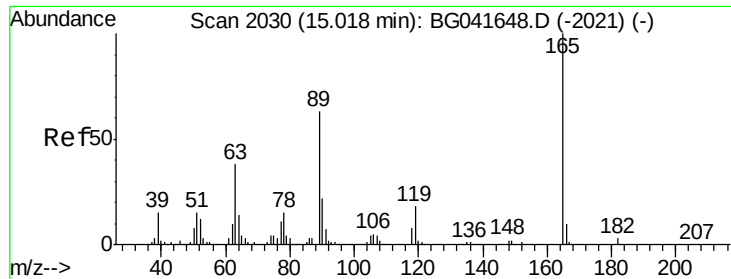
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC







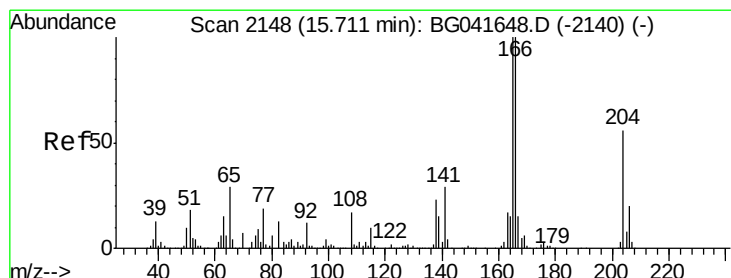
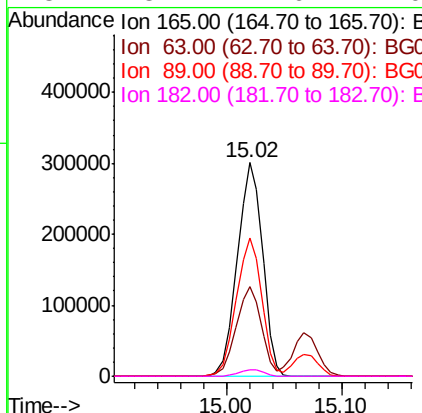
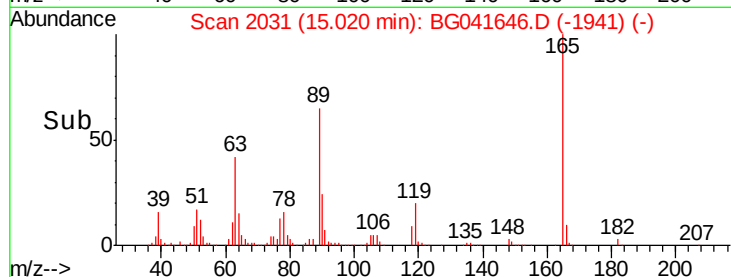
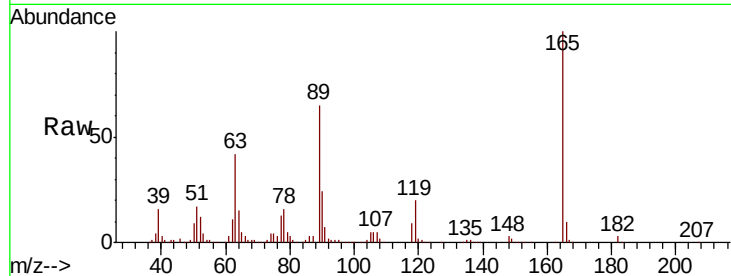
#57  
2,4-Dinitrotoluene  
Concen: 91.727 ng  
RT: 15.02 min Scan# 2031  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.2  | 31.7  | 47.5  |
| 89      | 65.0  | 50.2  | 75.4  |
| 182     | 3.2   | 2.6   | 4.0   |

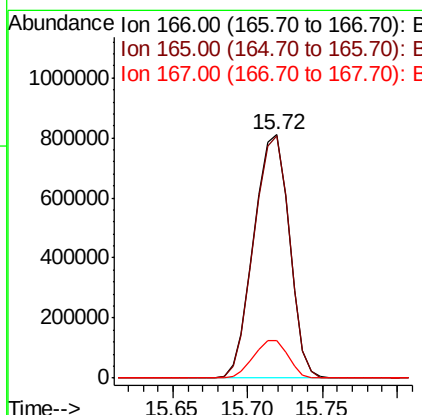
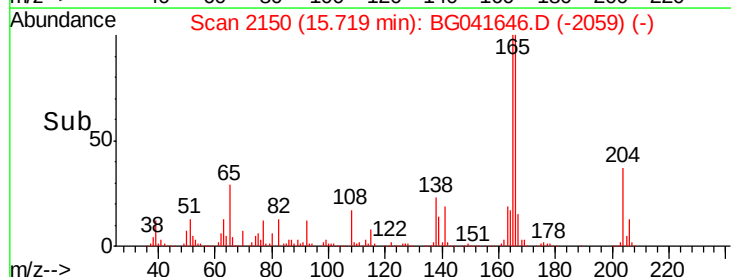
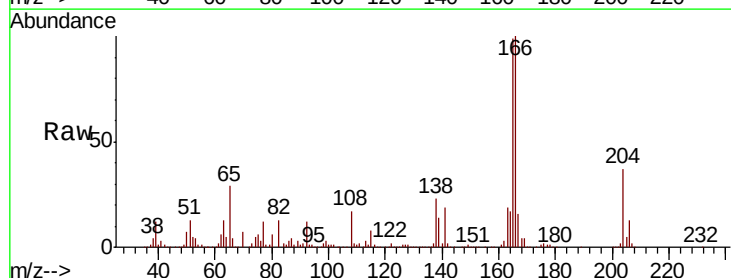
Manual Integrations  
APPROVED

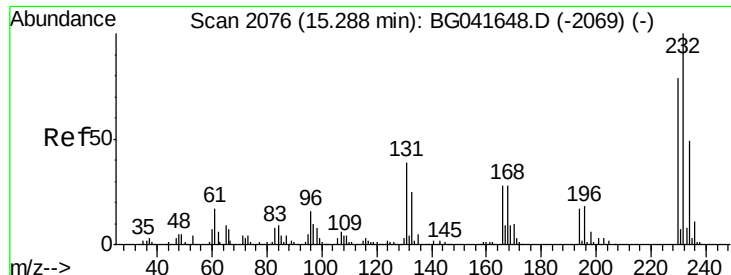
mohammad  
7/17/2019 7:39:48 AM



#58  
Fluorene  
Concen: 75.675 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.3  | 80.5  | 120.7 |
| 167     | 15.6  | 12.4  | 18.6  |





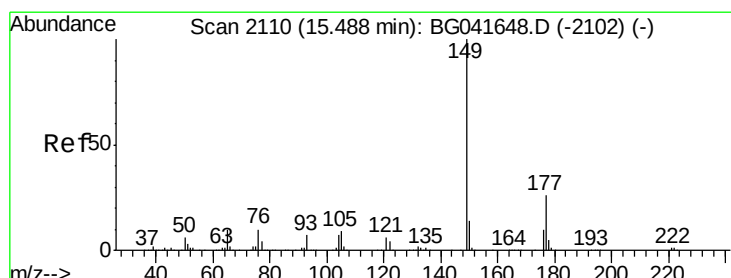
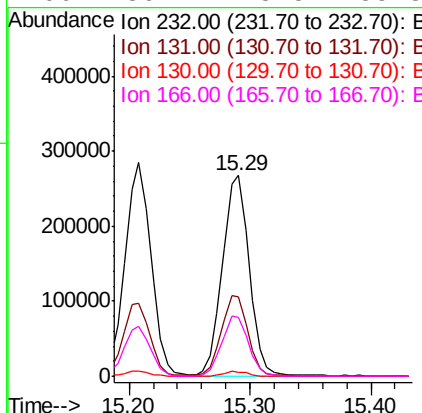
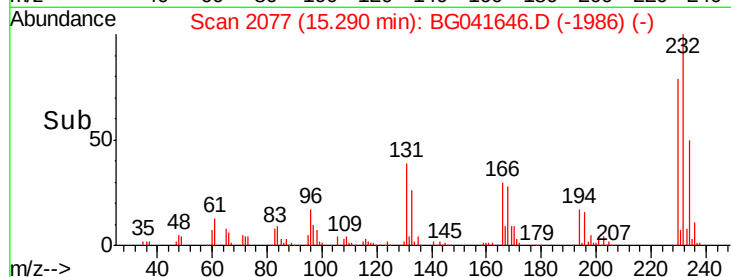
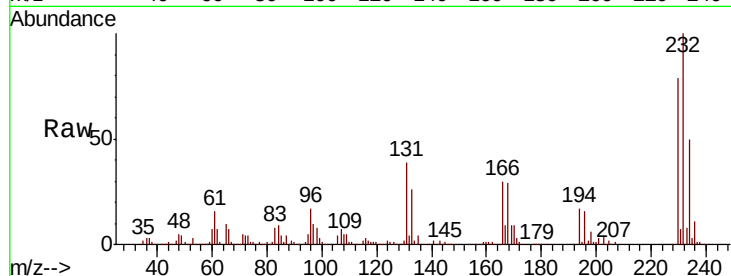
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 79.288 ng  
 RT: 15.29 min Scan# 2077  
 Delta R.T. 0.00 min  
 Lab File: BG041646.D  
 Acq: 15 Jul 2019 11:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.1  | 31.8  | 47.6  |
| 130     | 2.4   | 1.8   | 2.8   |
| 166     | 30.2  | 23.5  | 35.3  |

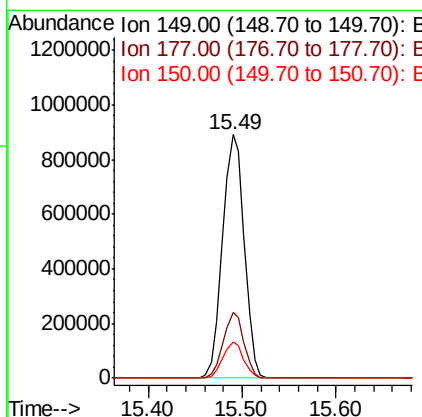
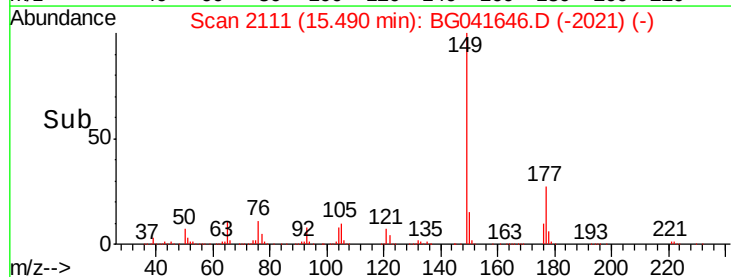
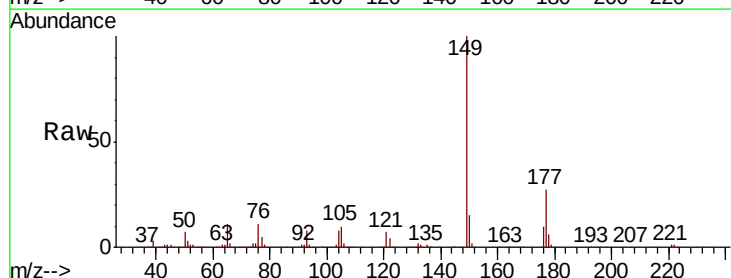
Manual Integrations  
 APPROVED

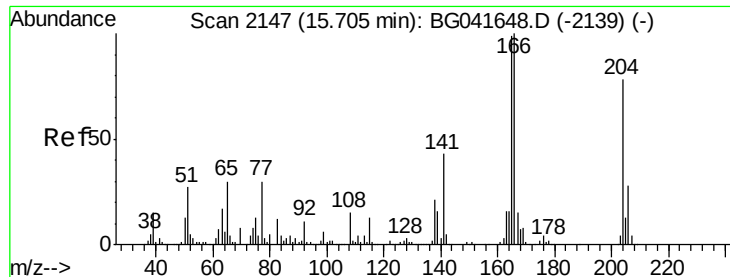
mohammad  
 7/17/2019 7:39:48 AM



#60  
 Diethylphthalate  
 Concen: 74.702 ng  
 RT: 15.49 min Scan# 2111  
 Delta R.T. -0.00 min  
 Lab File: BG041646.D  
 Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 26.7  | 20.7  | 31.1  |
| 150     | 14.8  | 11.5  | 17.3  |





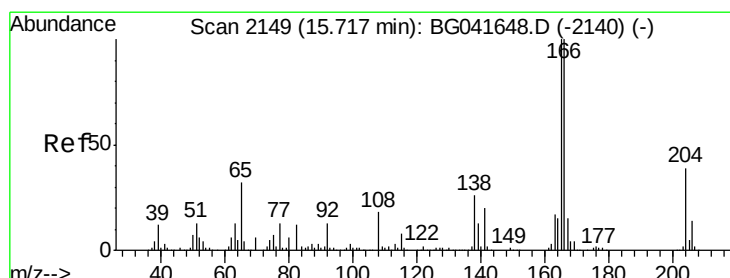
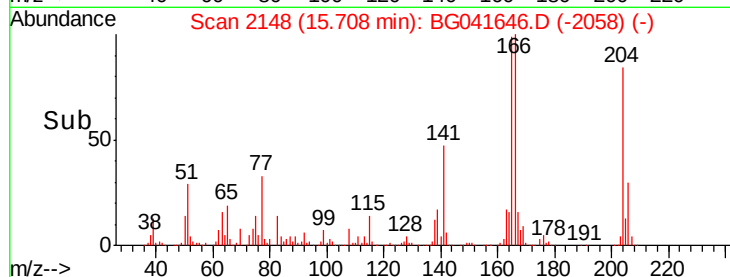
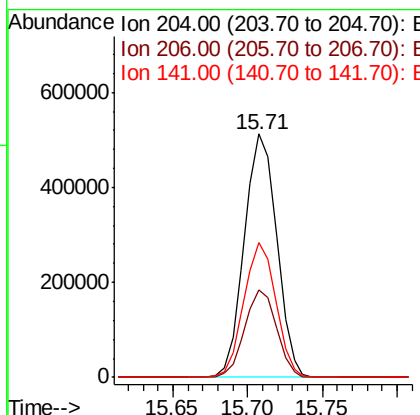
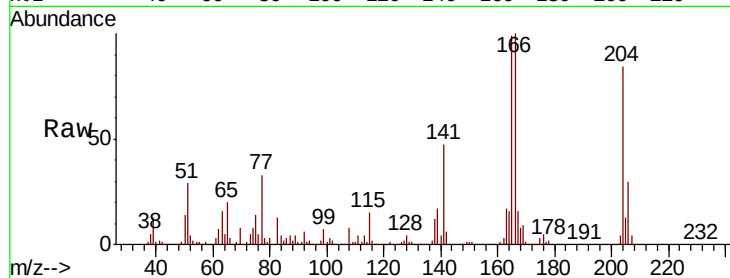
#61  
4-Chlorophenyl-phenylether  
Concen: 76.101 ng  
RT: 15.71 min Scan# 2148  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 36.1  | 28.6  | 42.8  |
| 141     | 55.6  | 42.9  | 64.3  |

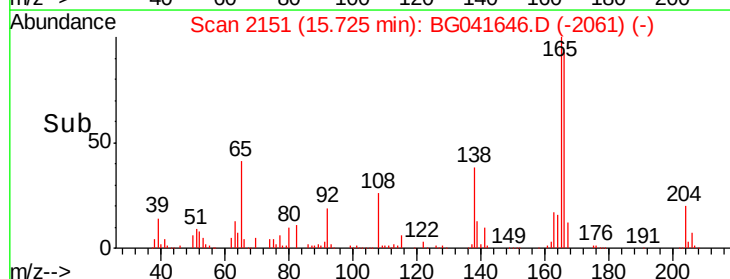
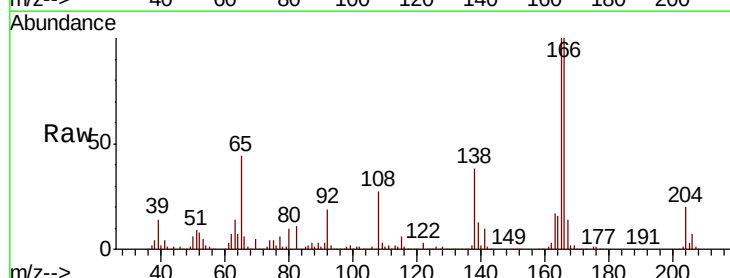
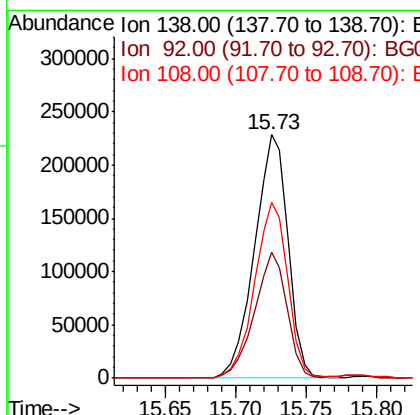
Manual Integrations  
APPROVED

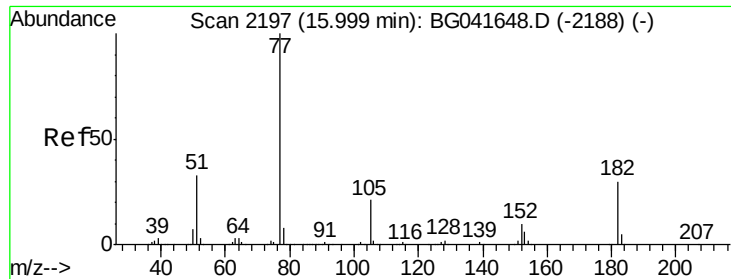
mohammad  
7/17/2019 7:39:48 AM



#62  
4-Nitroaniline  
Concen: 84.566 ng  
RT: 15.73 min Scan# 2151  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.7  | 29.8  | 69.8  |
| 108     | 72.2  | 52.2  | 92.2  |





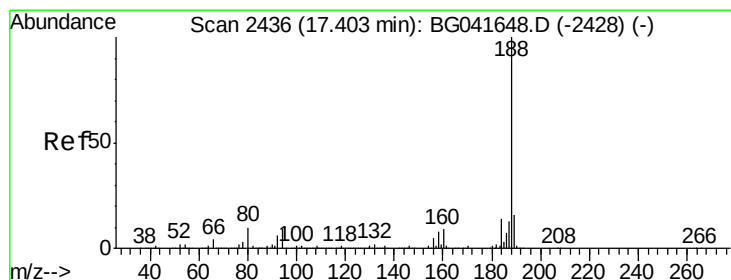
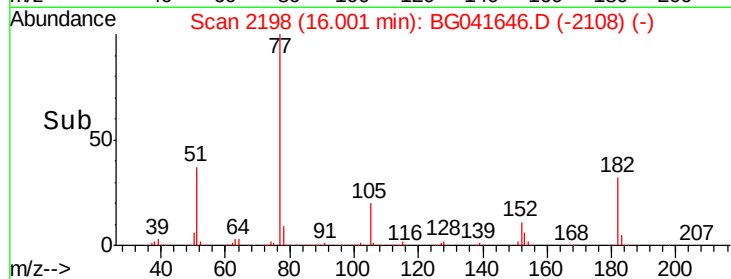
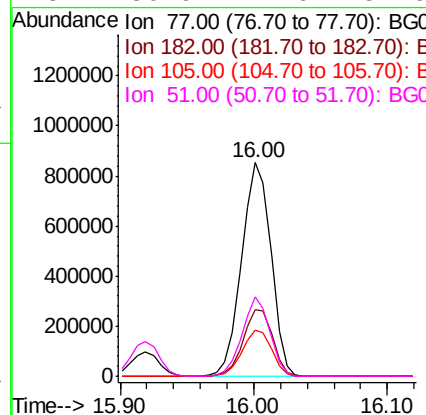
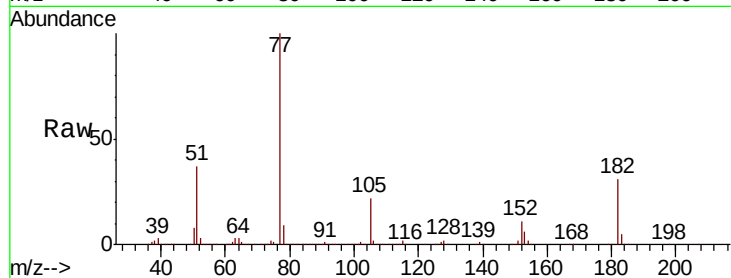
#63  
Azobenzene  
Concen: 76.791 ng  
RT: 16.00 min Scan# 2198  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 31.1  | 13.2  | 53.2  |
| 105     | 21.6  | 2.2   | 42.2  |
| 51      | 36.9  | 14.6  | 54.6  |

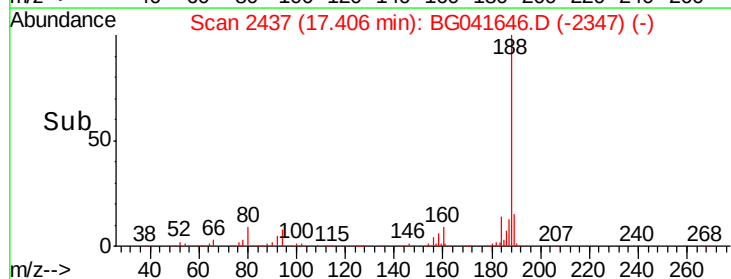
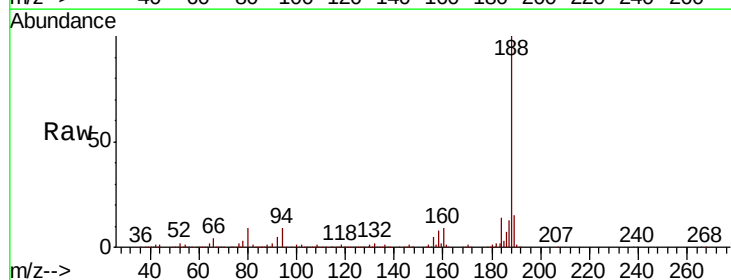
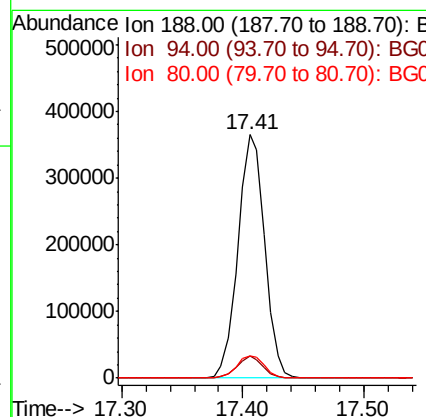
Manual Integrations  
APPROVED

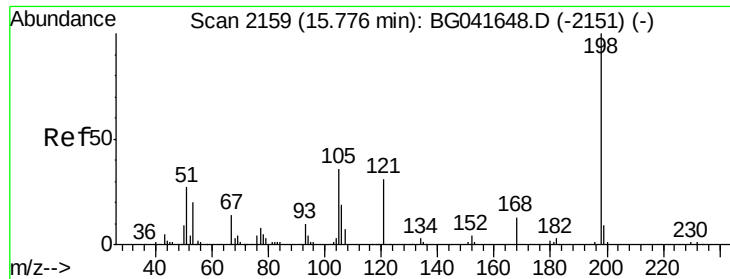
mohammad  
7/17/2019 7:39:48 AM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.41 min Scan# 2437  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.0   | 6.9   | 10.3  |
| 80      | 9.1   | 8.0   | 12.0  |





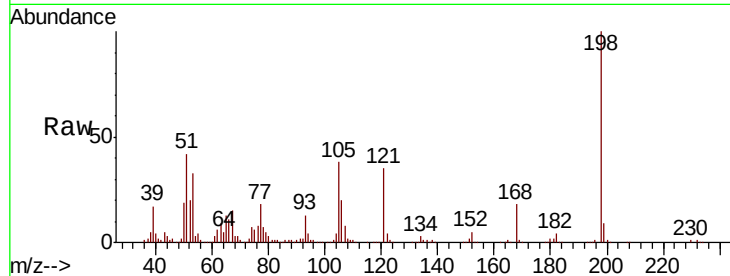
#65  
4,6-Dinitro-2-methylphenol  
Concen: 91.220 ng  
RT: 15.78 min Scan# 2161  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 222324 |       |       |
| 51      | 42.2  | 22.3   | 62.3  |       |
| 105     | 38.1  | 18.0   | 58.0  |       |

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM

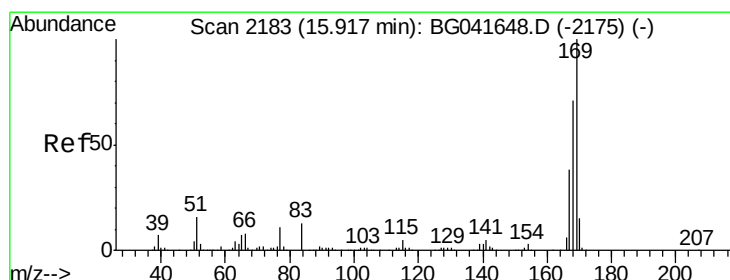
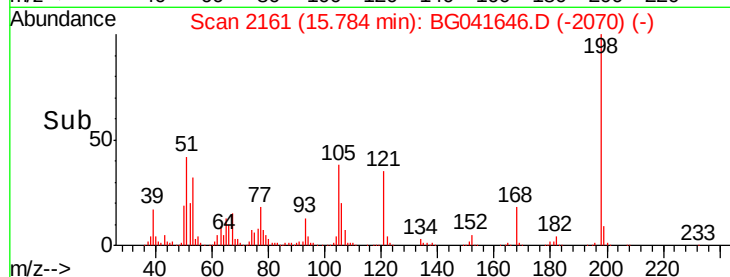
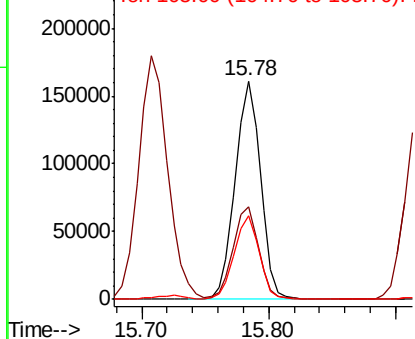


Abundance

Ion 198.00 (197.70 to 198.70): E

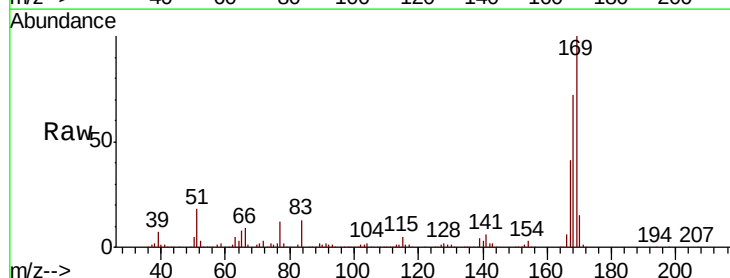
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 72.467 ng  
RT: 15.92 min Scan# 2184  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1231561 |       |       |
| 168     | 72.3  | 56.9    | 85.3  |       |
| 167     | 40.7  | 31.5    | 47.3  |       |

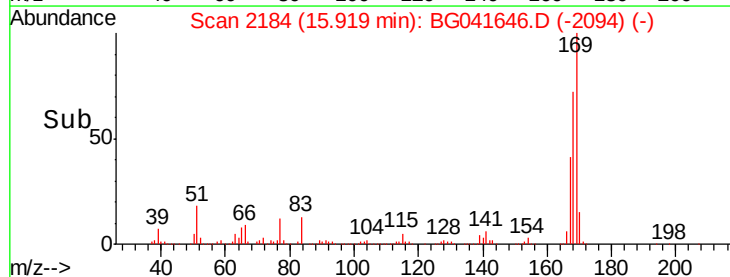
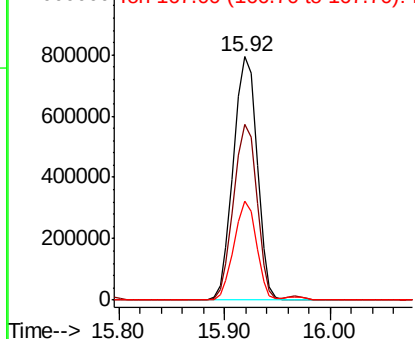


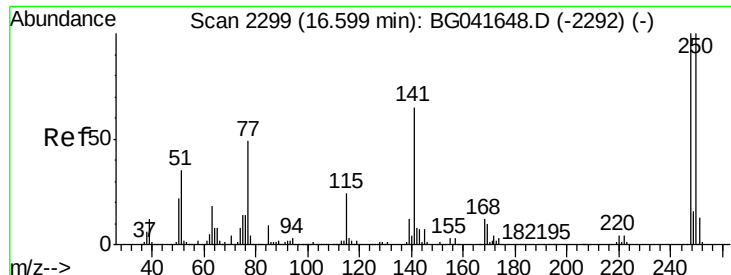
Abundance

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





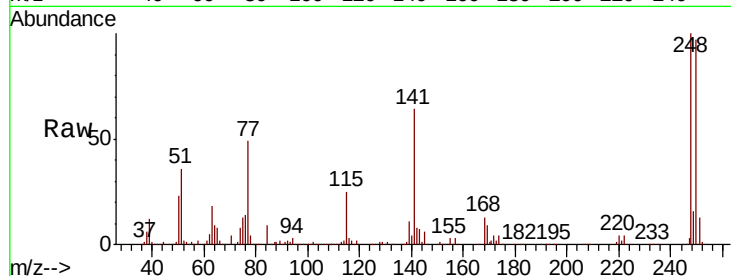
#67  
 4-Bromophenyl-phenylether  
 Concen: 74.142 ng  
 RT: 16.60 min Scan# 2300  
 Delta R.T. -0.00 min  
 Lab File: BG041646.D  
 Acq: 15 Jul 2019 11:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.2  | 78.1  | 117.1 |
| 141     | 64.4  | 49.6  | 74.4  |

Manual Integrations  
 APPROVED

mohammad  
 7/17/2019 7:39:48 AM

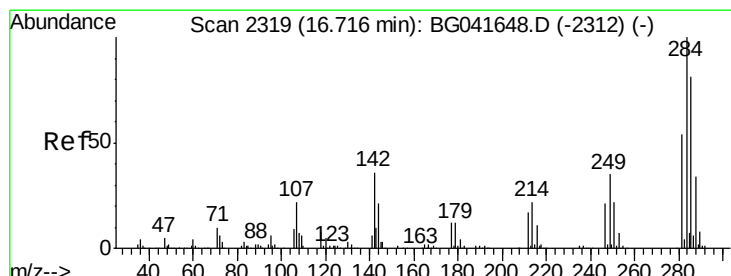
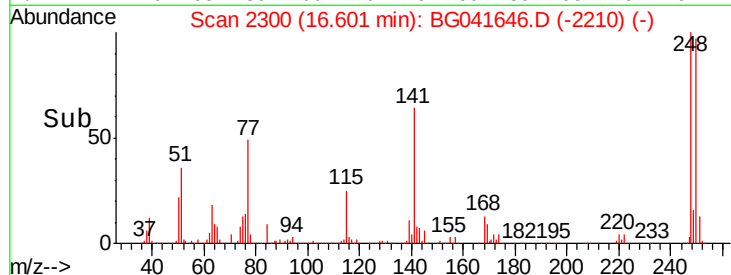
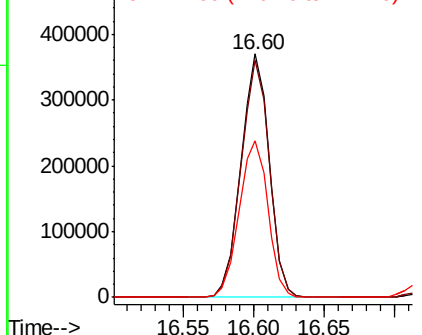


Abundance

Ion 248.00 (247.70 to 248.70): E

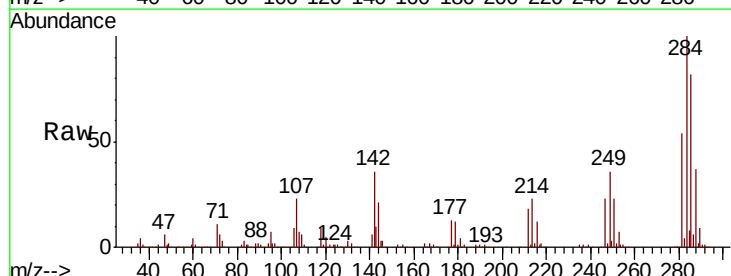
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 74.222 ng  
 RT: 16.72 min Scan# 2320  
 Delta R.T. -0.00 min  
 Lab File: BG041646.D  
 Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.7  | 27.0  | 40.6  |
| 249     | 35.6  | 28.4  | 42.6  |

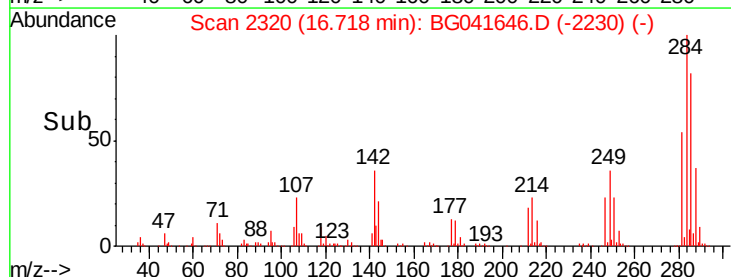
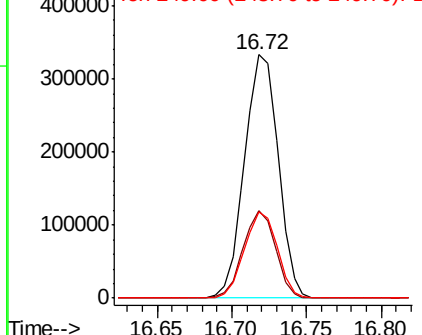


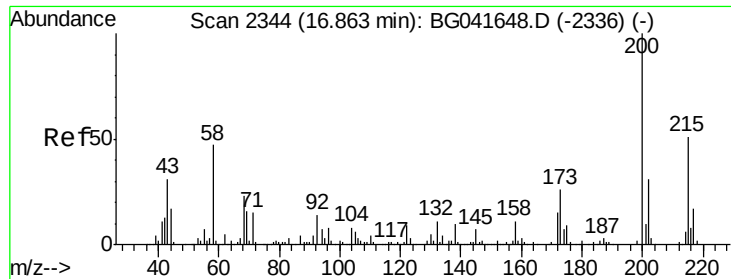
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





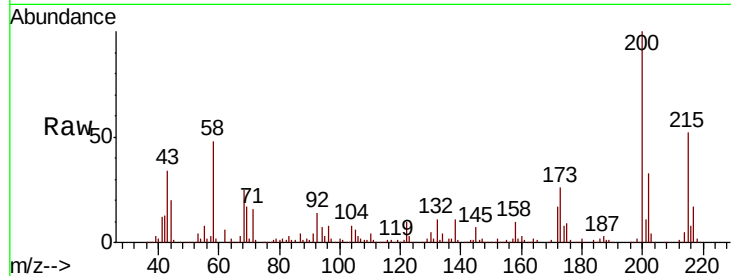
#69  
Atrazine  
Concen: 66.460 ng  
RT: 16.87 min Scan# 2345  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.7  | 5.3   | 45.3  |
| 215     | 52.4  | 31.8  | 71.8  |

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM

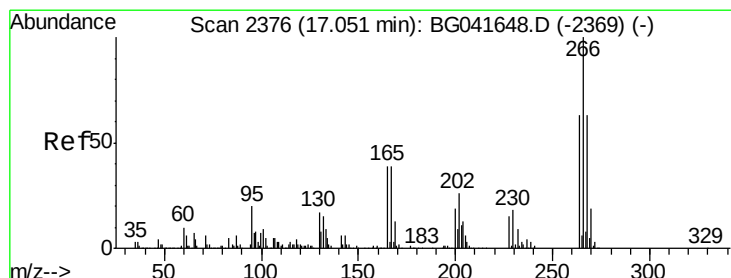
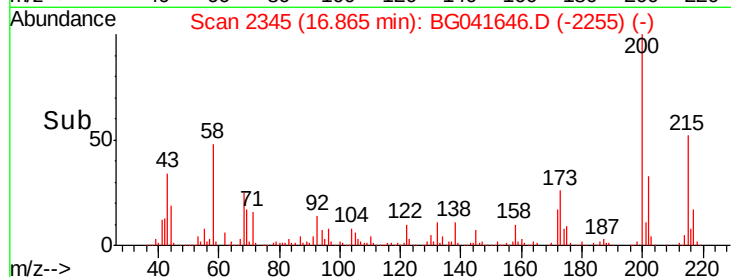
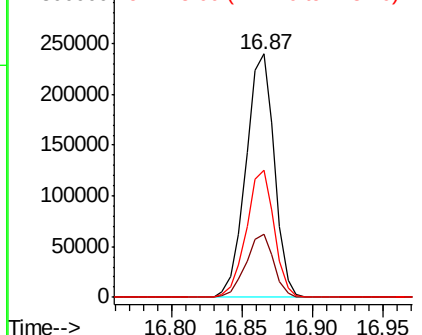


Abundance

Ion 200.00 (199.70 to 200.70): E

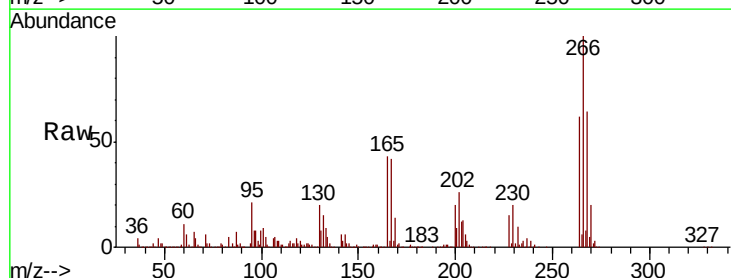
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 77.155 ng  
RT: 17.05 min Scan# 2377  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.3  | 52.9  | 79.3  |
| 264     | 62.1  | 51.4  | 77.2  |

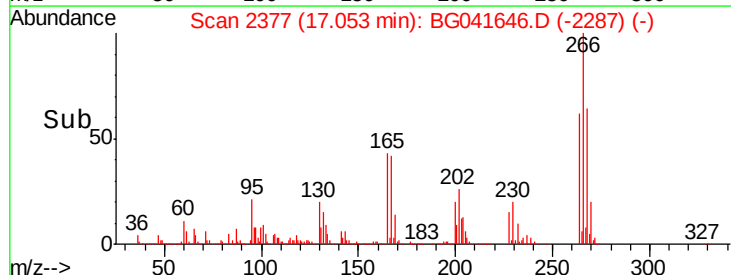
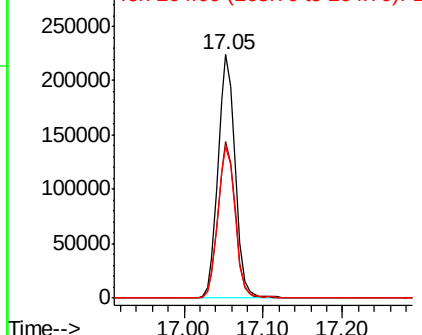


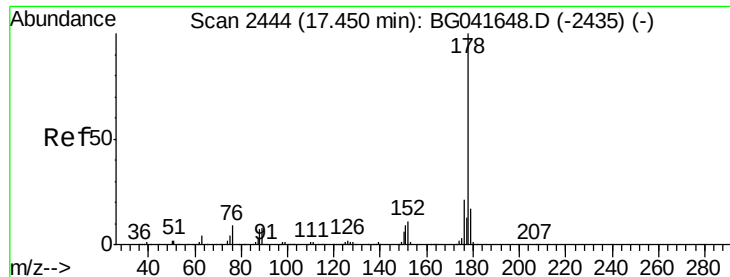
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





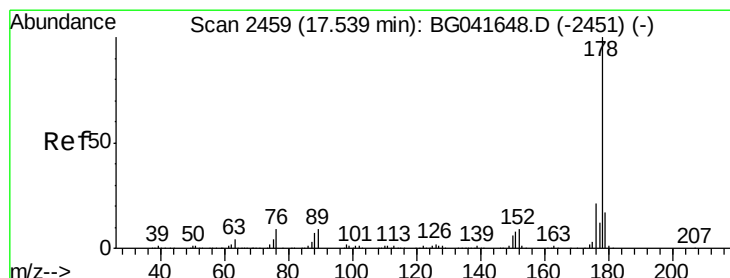
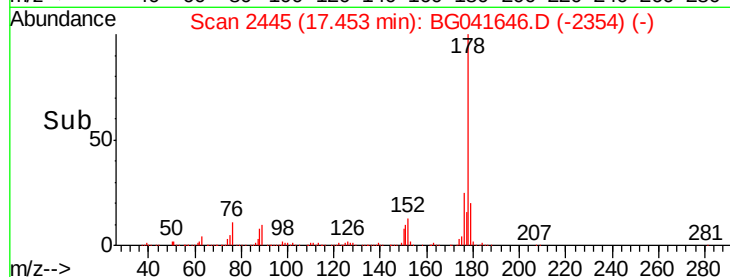
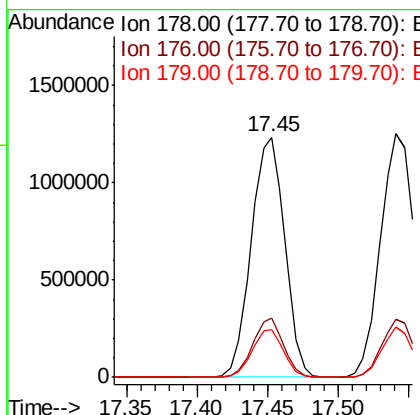
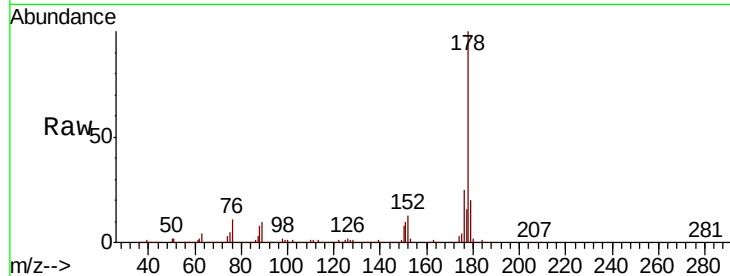
#71  
Phenanthrene  
Concen: 70.014 ng  
RT: 17.45 min Scan# 2445  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

Tot Ion:178 Resp: 2054172  
Ion Ratio Lower Upper  
178 100  
176 24.9 18.6 28.0  
179 19.7 15.4 23.0

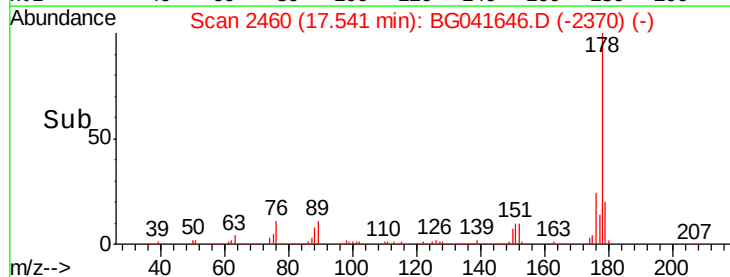
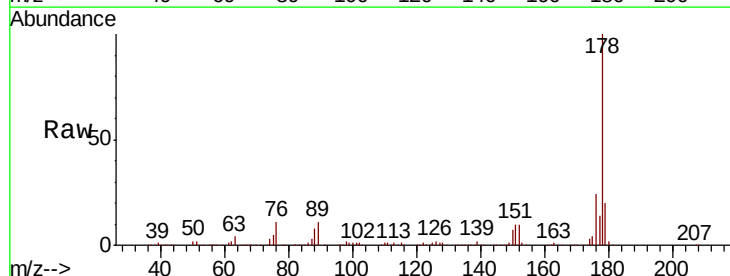
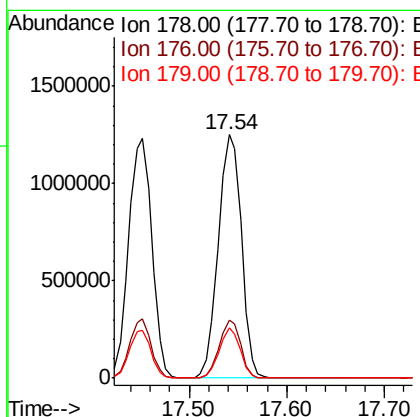
Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM

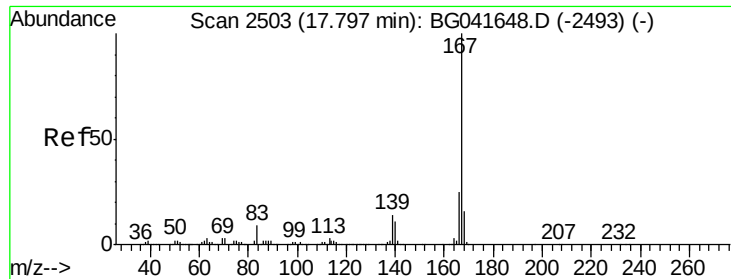


#72  
Anthracene  
Concen: 66.770 ng  
RT: 17.54 min Scan# 2460  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Tgt Ion:178 Resp: 2048816  
Ion Ratio Lower Upper  
178 100  
176 24.1 18.6 28.0  
179 20.4 15.1 22.7







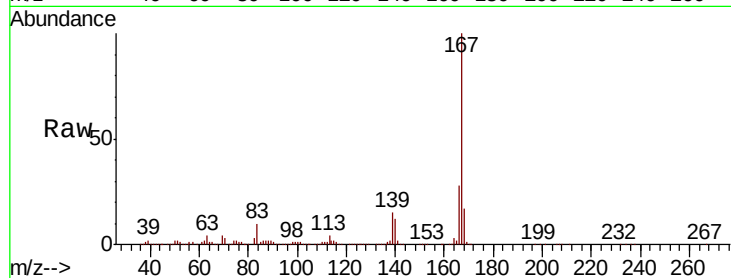
#73  
 Carbazole  
 Concen: 67.756 ng  
 RT: 17.81 min Scan# 2505  
 Delta R.T. 0.00 min  
 Lab File: BG041646.D  
 Acq: 15 Jul 2019 11:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 27.8  | 21.4  | 32.2  |
| 139     | 15.4  | 12.1  | 18.1  |

Manual Integrations  
 APPROVED

mohammad  
 7/17/2019 7:39:48 AM

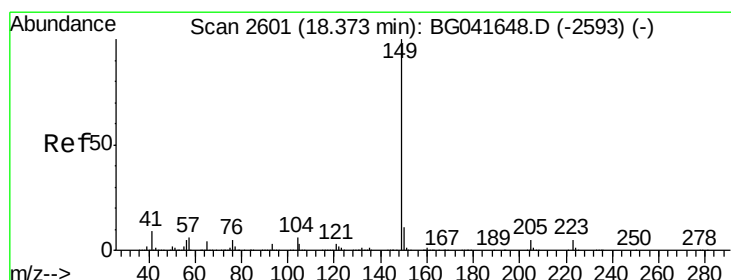
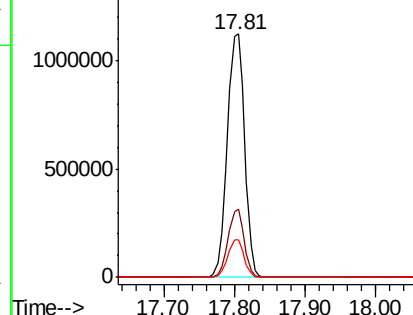
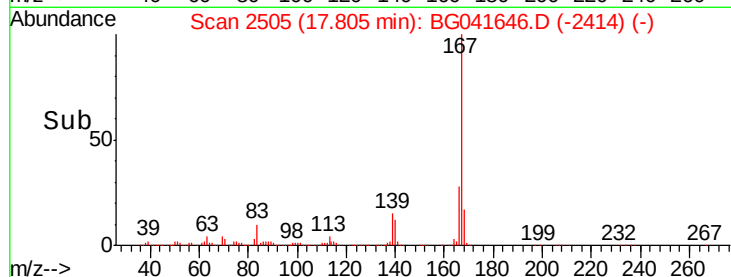


Abundance

Ion 167.00 (166.70 to 167.70): E

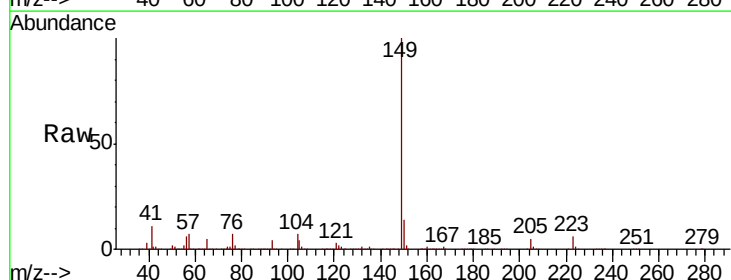
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74  
 Di-n-butylphthalate  
 Concen: 63.361 ng  
 RT: 18.38 min Scan# 2602  
 Delta R.T. 0.00 min  
 Lab File: BG041646.D  
 Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 13.6  | 10.2  | 15.2  |
| 104     | 7.2   | 5.3   | 7.9   |

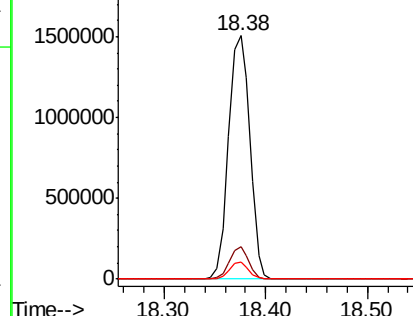
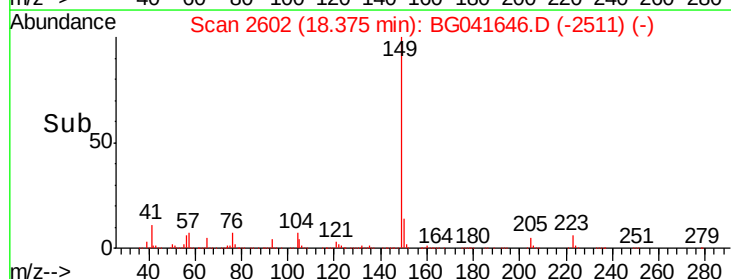


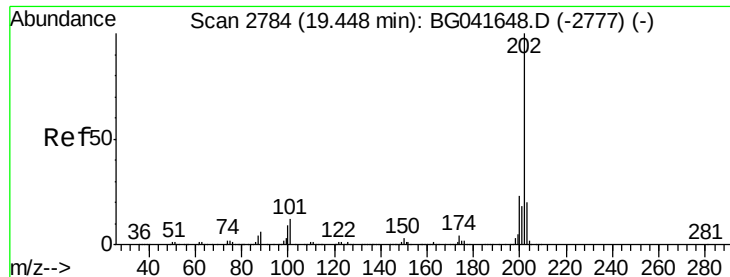
Abundance

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: 67.427 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

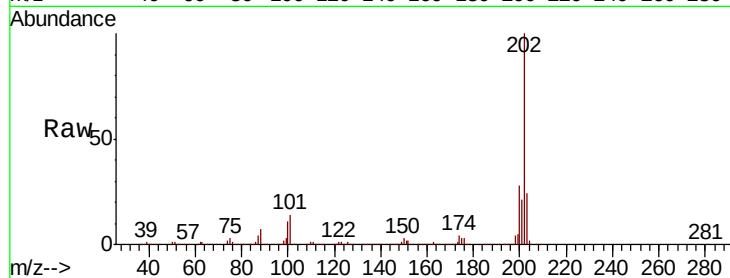
ClientSampleId :

SSTDIC080

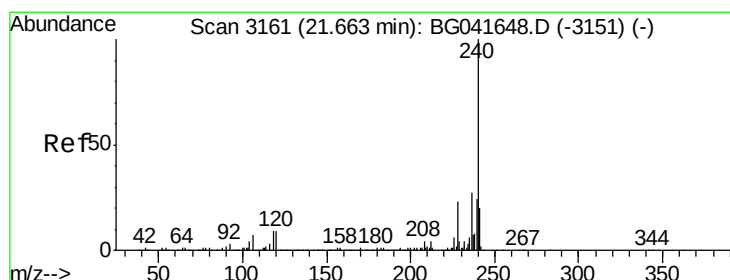
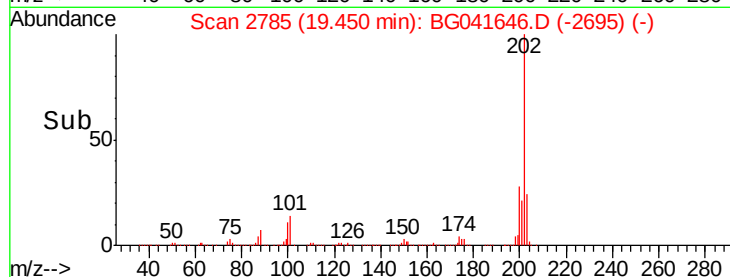
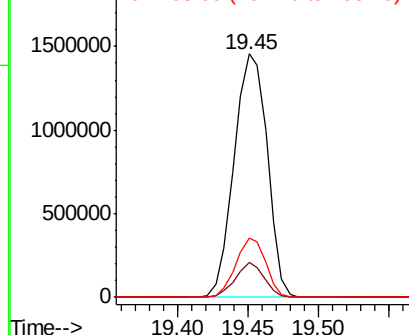
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 2381821 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 14.2  | 0.0   | 32.8    |
| 203      | 24.3  | 3.7   | 43.7    |

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM



Abundance Ion 202.00 (201.70 to 202.70): E  
2000000  
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

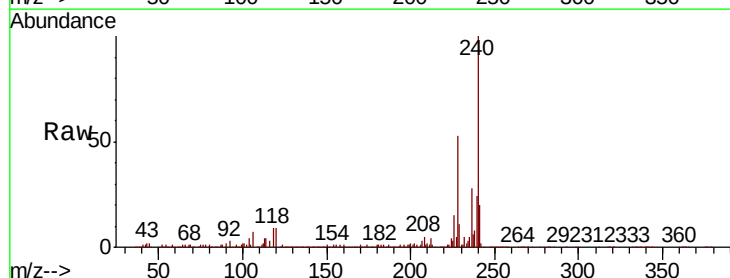
RT: 21.67 min Scan# 3162

Delta R.T. 0.00 min

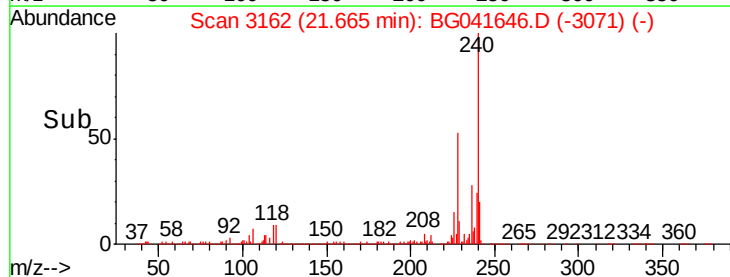
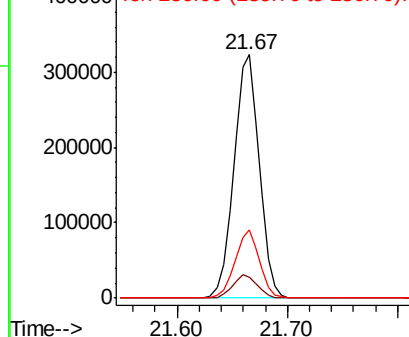
Lab File: BG041646.D

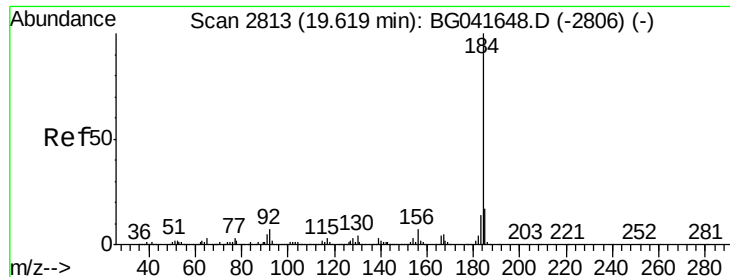
Acq: 15 Jul 2019 11:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 519217 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 8.7   | 8.0   | 12.0   |
| 236      | 27.9  | 22.6  | 33.8   |



Abundance Ion 240.00 (239.70 to 240.70): E  
400000  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 69.085 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tot Ion:184 Resp: 1197891

Ion Ratio Lower Upper

184 100

185 17.9 13.0 19.4

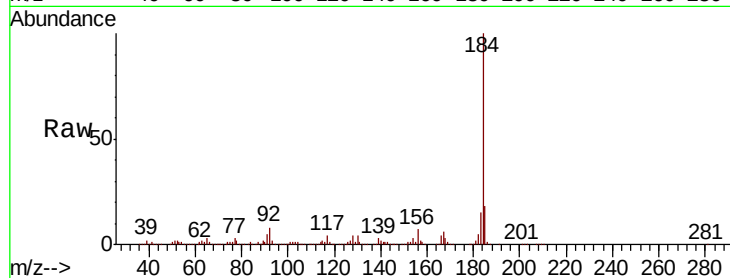
183 14.8 11.8 17.6

Manual Integrations

APPROVED

mohammad

7/17/2019 7:39:48 AM

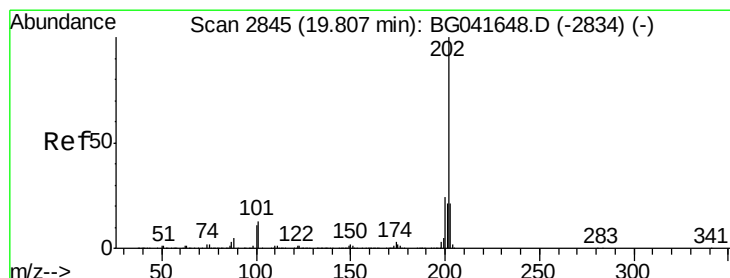
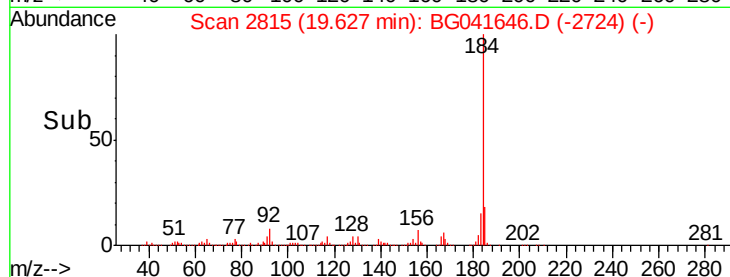
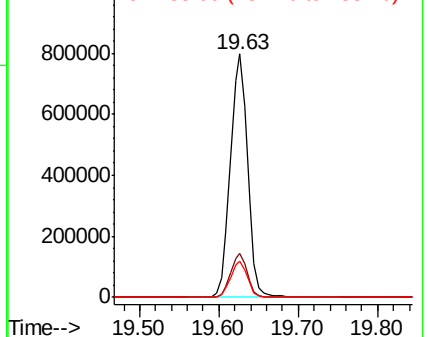


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 71.119 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

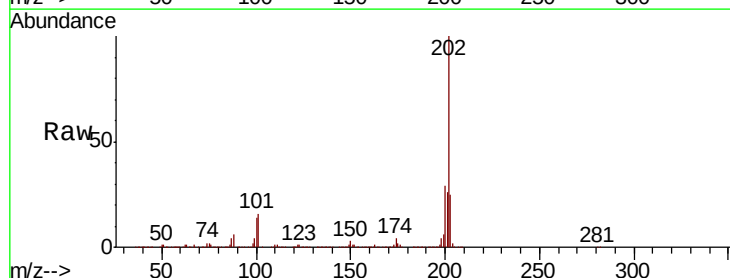
Tgt Ion:202 Resp: 2375886

Ion Ratio Lower Upper

202 100

200 28.7 22.2 33.2

203 24.7 18.9 28.3

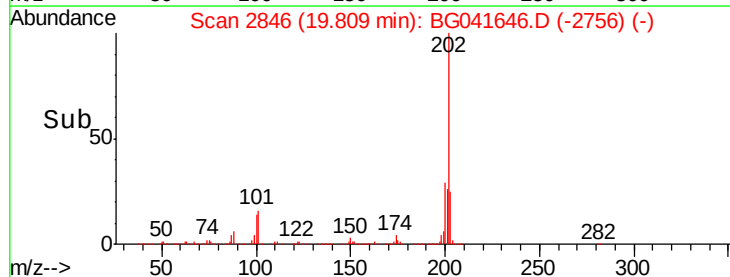
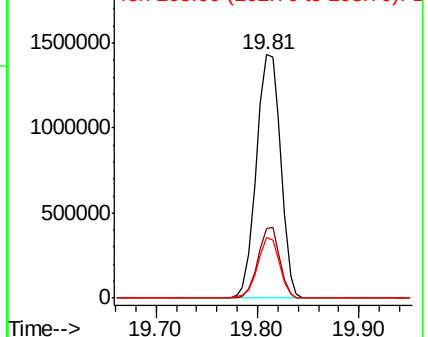


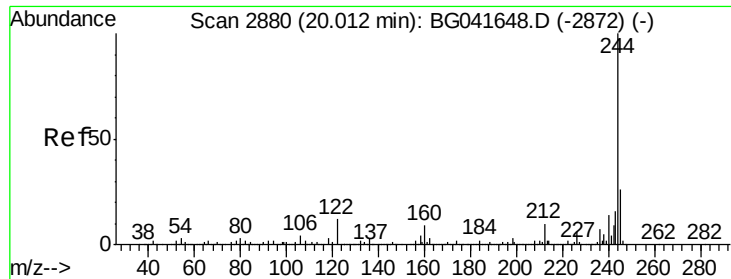
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 135.776 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tot Ion:244 Resp: 2884432

Ion Ratio Lower Upper

244 100

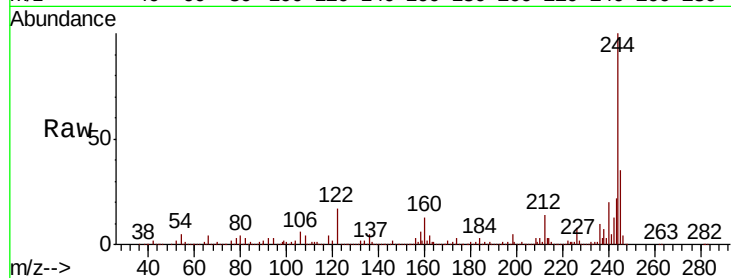
212 14.2 9.7 14.5

122 17.2 12.5 18.7

Manual Integrations  
APPROVED

mohammad

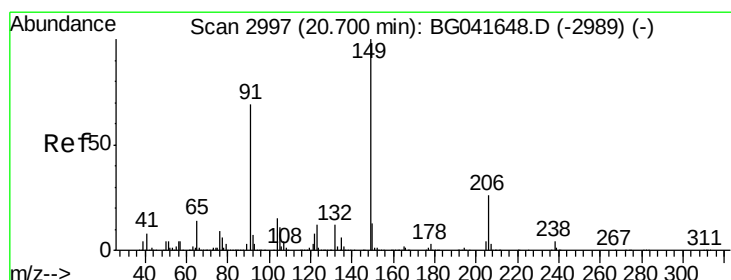
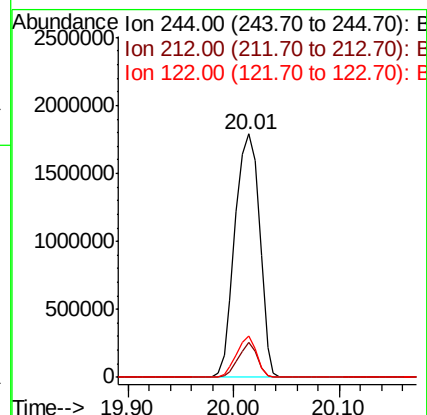
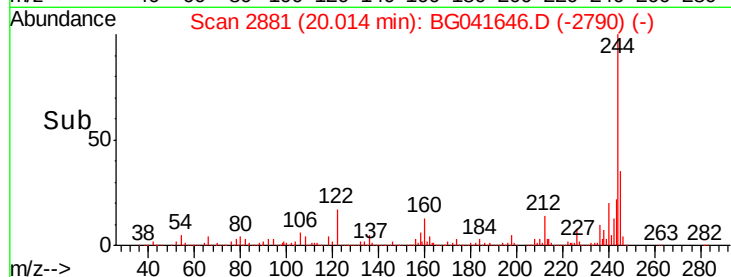
7/17/2019 7:39:48 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 70.948 ng

RT: 20.70 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

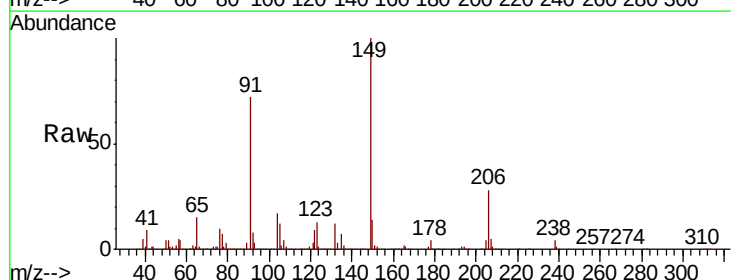
Tgt Ion:149 Resp: 1120311

Ion Ratio Lower Upper

149 100

91 71.5 58.9 88.3

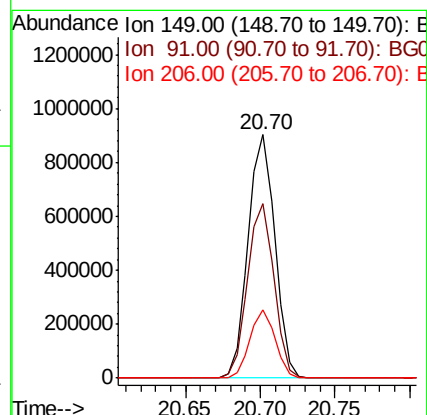
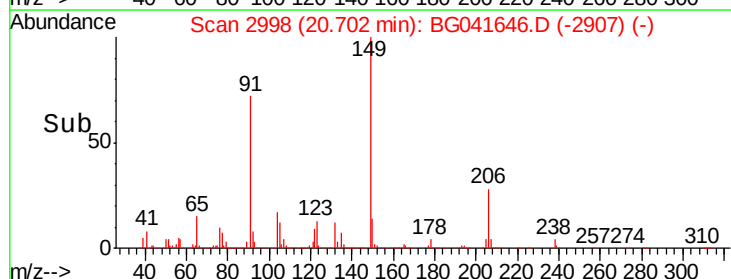
206 27.8 20.8 31.2

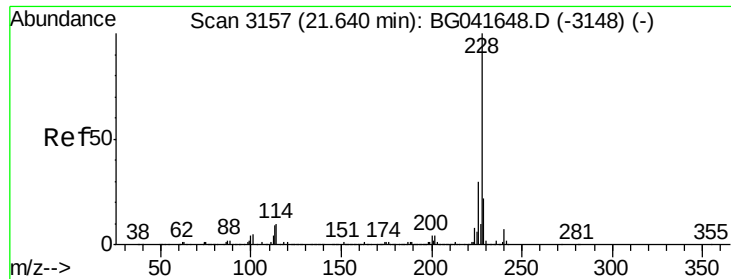


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





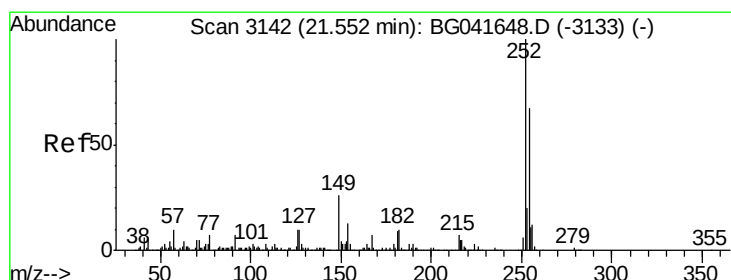
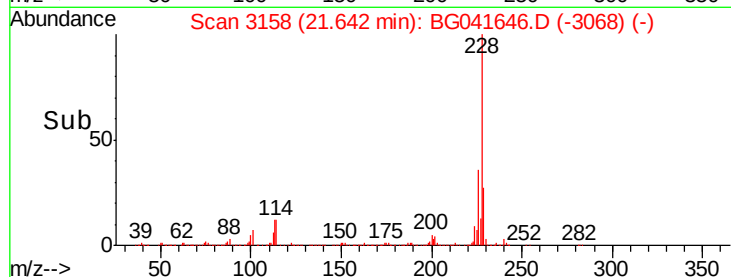
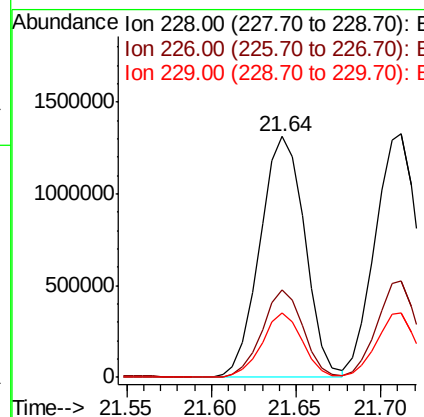
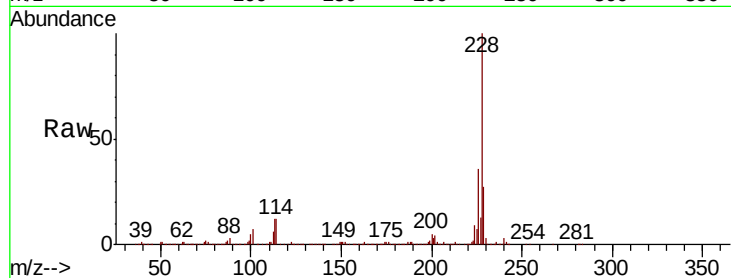
#81  
Benzo(a)anthracene  
Concen: 67.623 ng  
RT: 21.64 min Scan# 3158  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 36.4  | 27.3  | 40.9  |
| 229     | 27.0  | 19.7  | 29.5  |

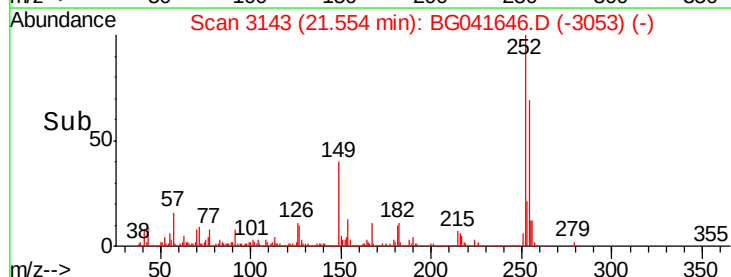
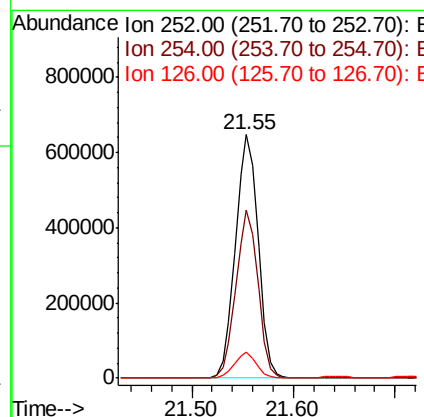
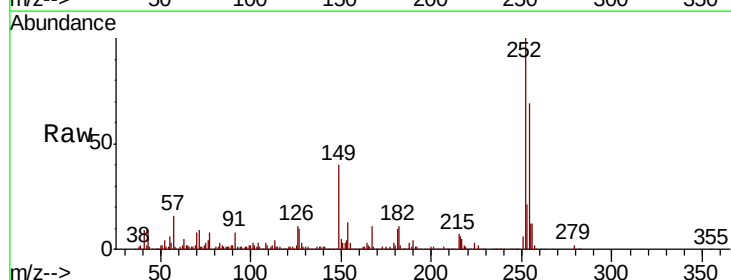
Manual Integrations  
APPROVED

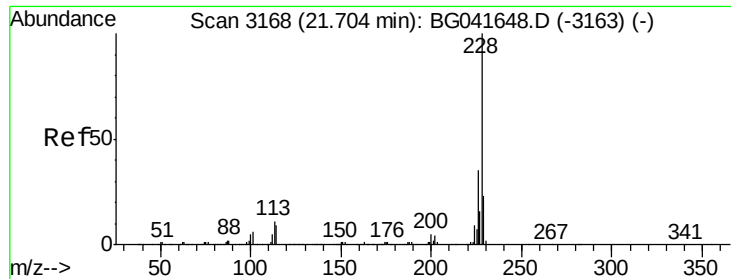
mohammad  
7/17/2019 7:39:48 AM



#82  
3,3'-Dichlorobenzidine  
Concen: 67.330 ng  
RT: 21.55 min Scan# 3143  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 69.3  | 53.8  | 80.6  |
| 126     | 10.6  | 7.8   | 11.8  |





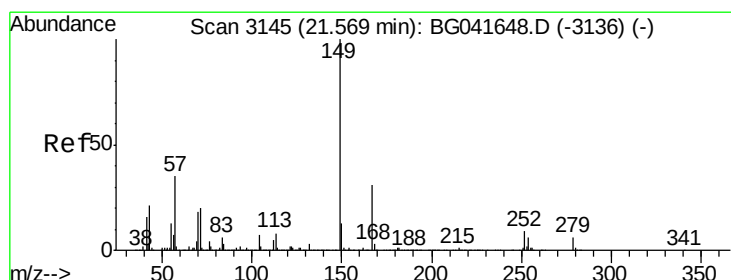
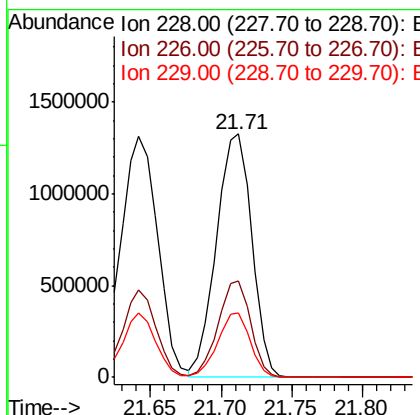
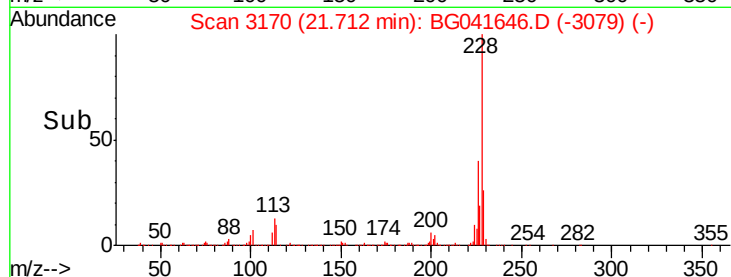
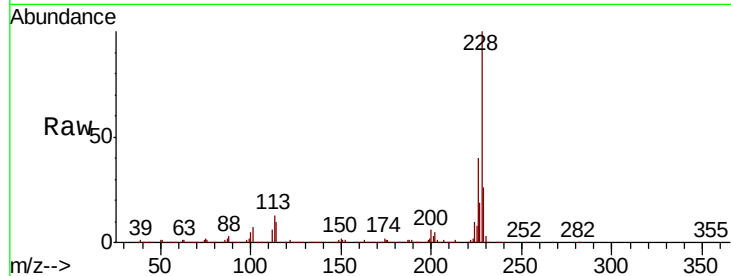
#83  
Chrysene  
Concen: 72.268 ng  
RT: 21.71 min Scan# 3170  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

Tot Ion:228 Resp: 2311037  
Ion Ratio Lower Upper  
228 100  
226 39.6 30.1 45.1  
229 26.2 19.8 29.6

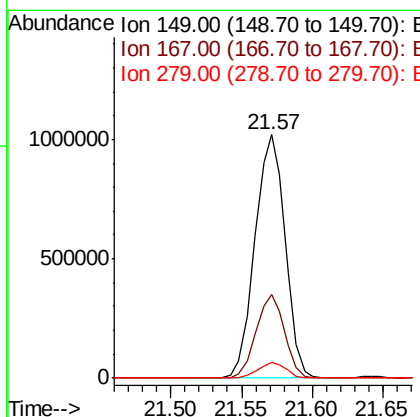
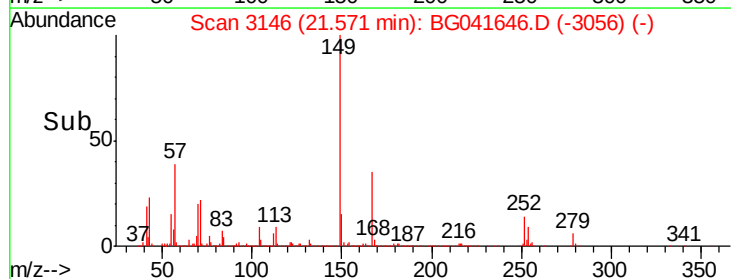
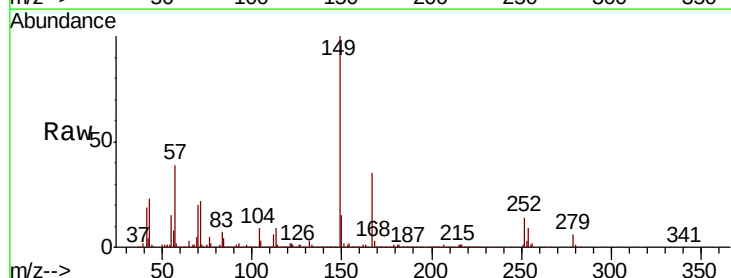
Manual Integrations  
APPROVED

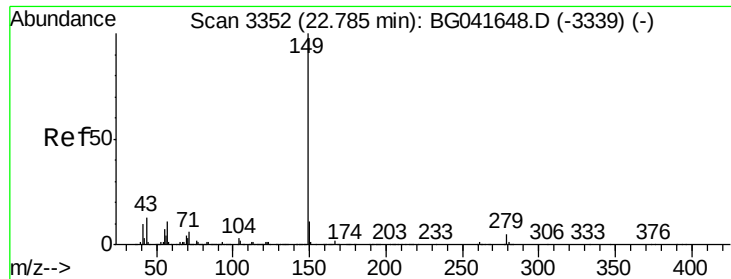
mohammad  
7/17/2019 7:39:48 AM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 70.890 ng  
RT: 21.57 min Scan# 3146  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Tgt Ion:149 Resp: 1530933  
Ion Ratio Lower Upper  
149 100  
167 34.6 27.0 40.4  
279 6.4 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 69.734 ng

RT: 22.79 min Scan# 3353

Delta R.T. 0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2613756

Ion Ratio Lower Upper

149 100

167 2.0 1.6 2.4

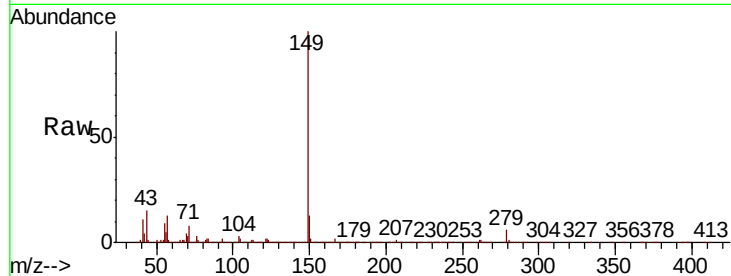
43 14.0 10.6 16.0

Manual Integrations

APPROVED

mohammad

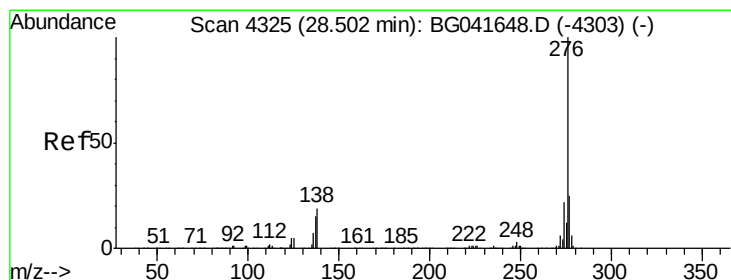
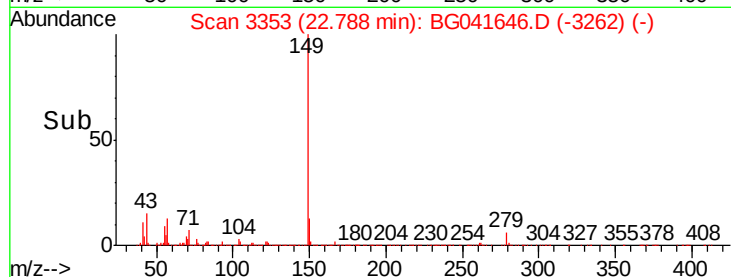
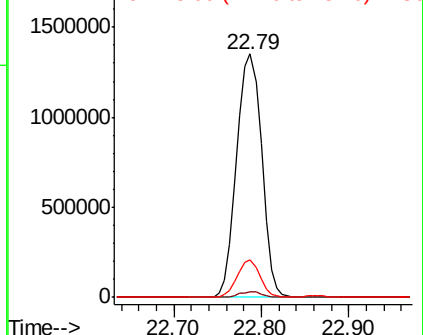
7/17/2019 7:39:48 AM



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

Indeno(1,2,3-cd)pyrene

Concen: 76.069 ng

RT: 28.52 min Scan# 4329

Delta R.T. -0.00 min

Lab File: BG041646.D

Acq: 15 Jul 2019 11:43

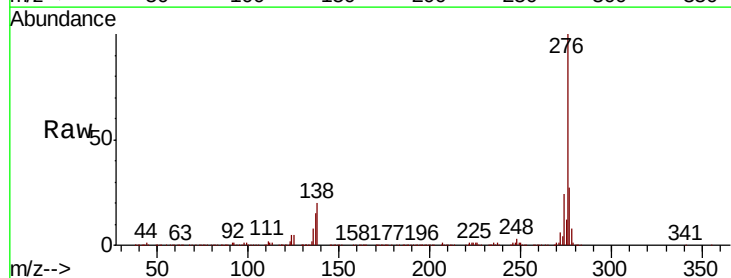
Tgt Ion:276 Resp: 3304585

Ion Ratio Lower Upper

276 100

138 15.8 19.4 29.0#

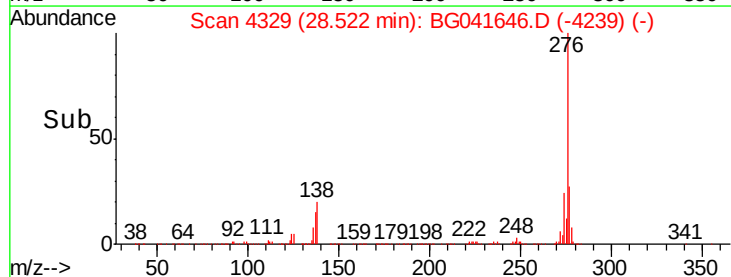
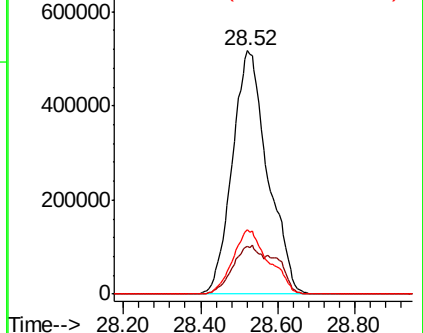
277 26.9 21.2 31.8

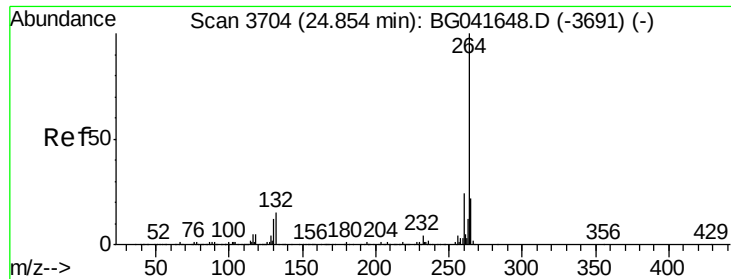


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





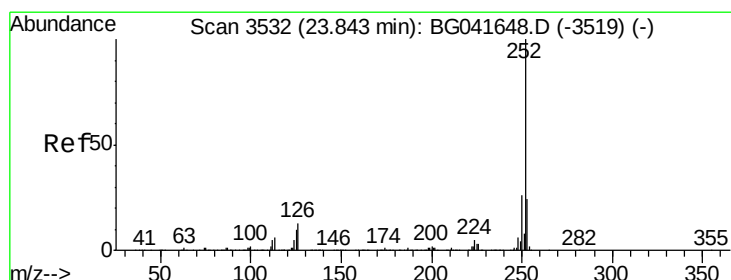
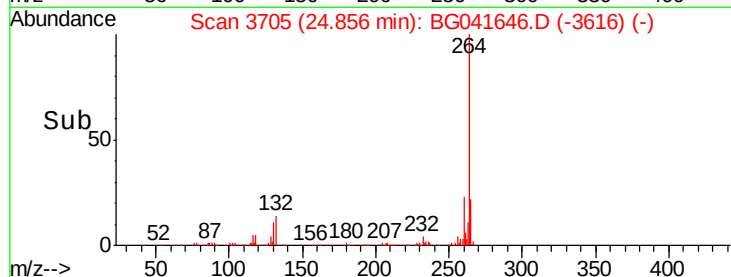
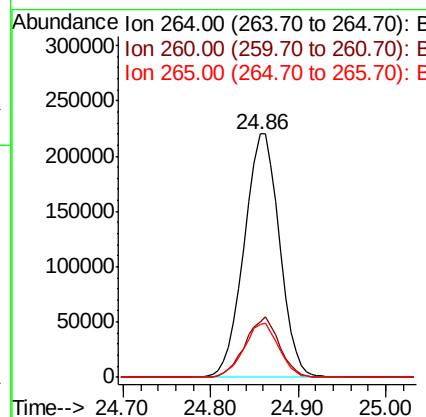
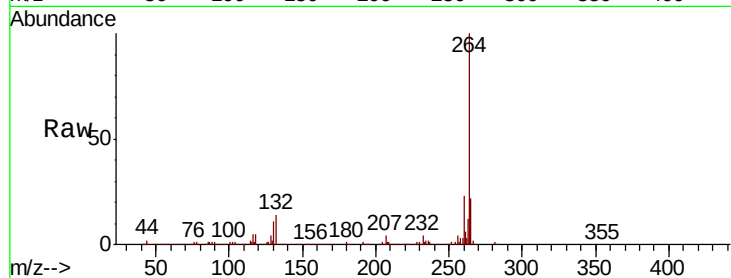
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.86 min Scan# 3705  
Delta R.T. -0.01 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 19.5  | 29.3  |
| 265     | 21.6  | 18.0  | 27.0  |

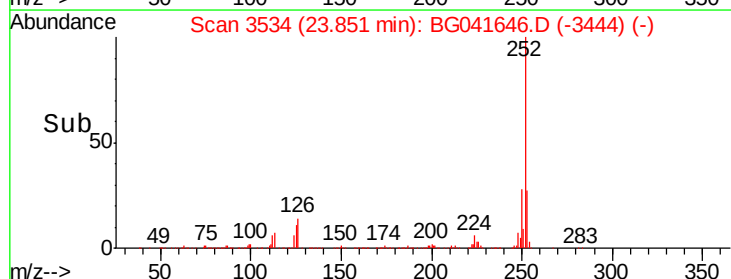
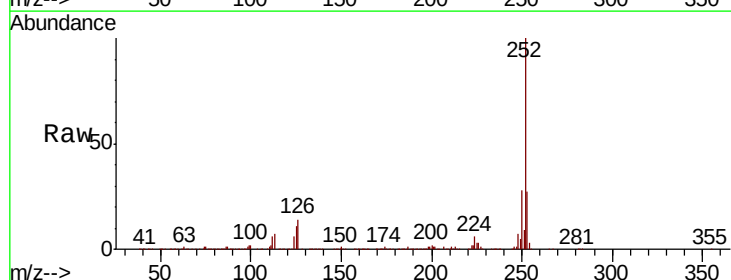
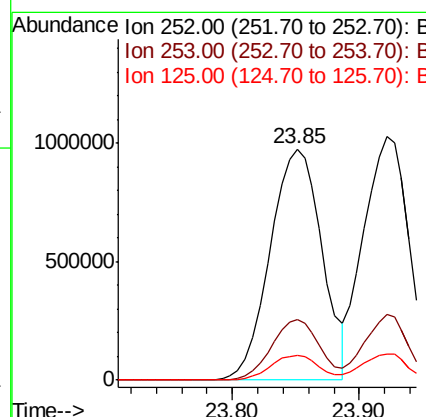
Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM

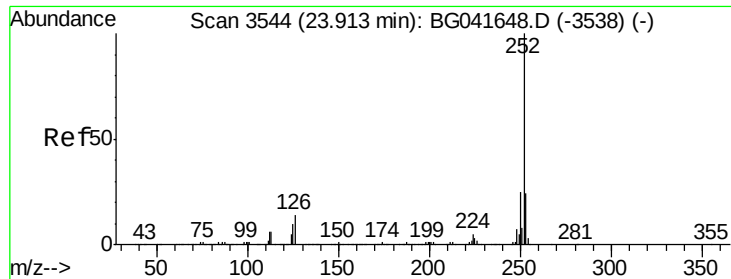


#88  
Benzo(b)fluoranthene  
Concen: 77.199 ng  
RT: 23.85 min Scan# 3534  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 26.5  | 20.6  | 30.8  |
| 125     | 10.9  | 8.0   | 12.0  |







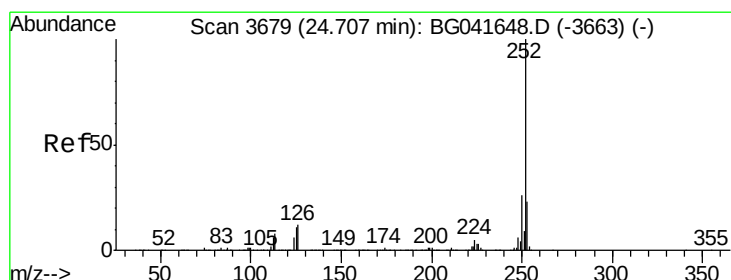
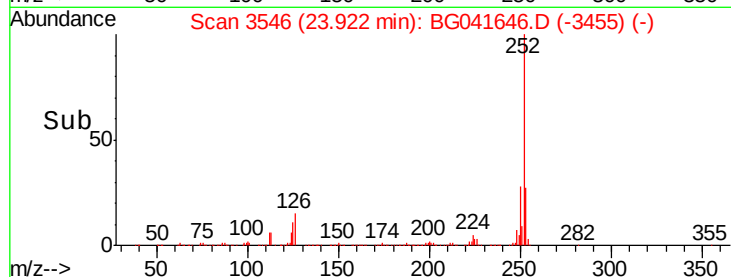
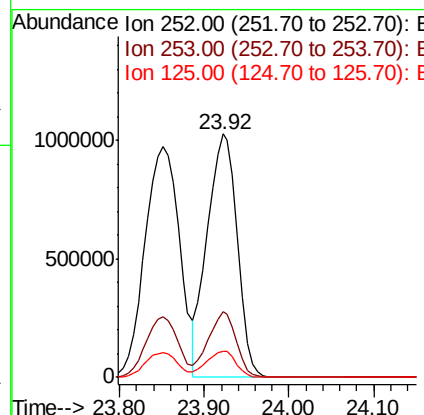
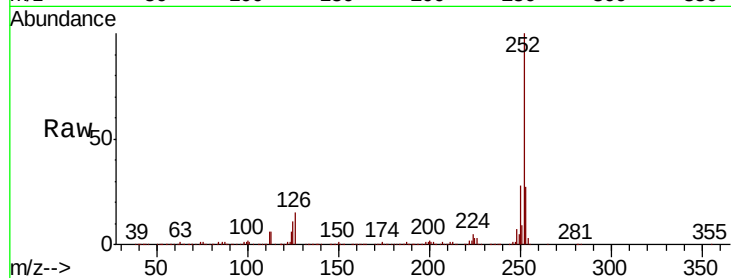
#89  
Benzo(k)fluoranthene  
Concen: 74.301 ng  
RT: 23.92 min Scan# 3546  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 26.8  | 20.5  | 30.7  |
| 125     | 10.9  | 8.4   | 12.6  |

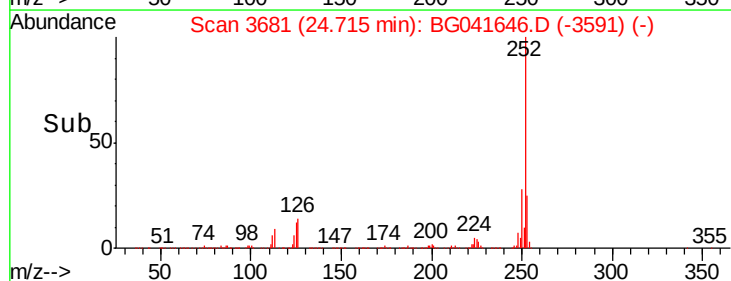
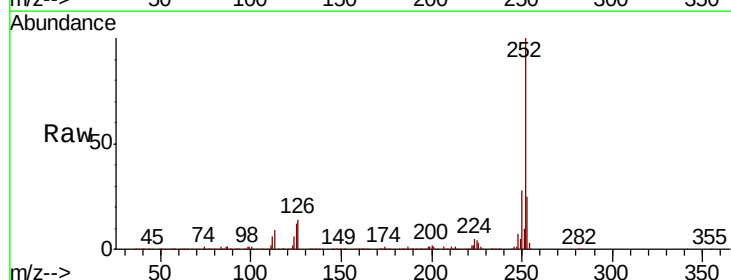
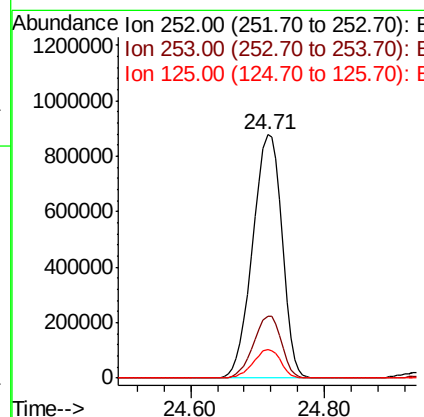
Manual Integrations  
APPROVED

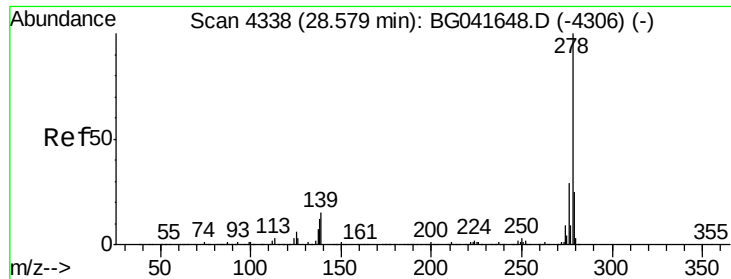
mohammad  
7/17/2019 7:39:48 AM



#90  
Benzo(a)pyrene  
Concen: 76.991 ng  
RT: 24.71 min Scan# 3681  
Delta R.T. -0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.3  | 19.8  | 29.8  |
| 125     | 11.8  | 8.8   | 13.2  |





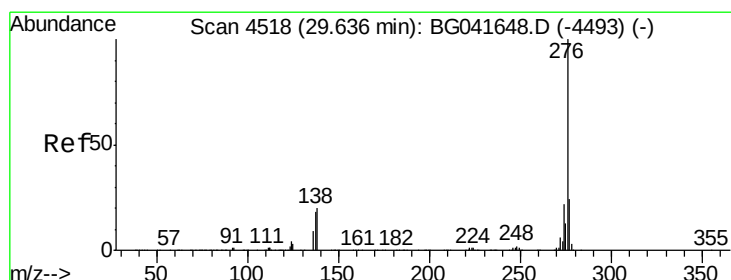
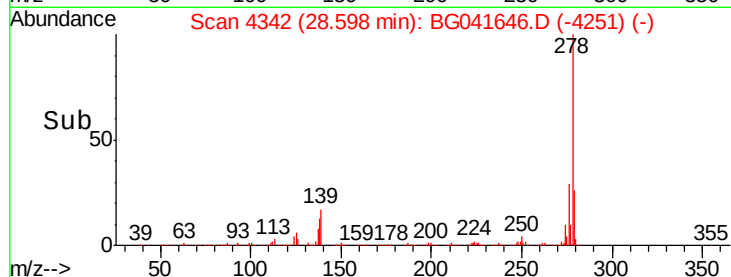
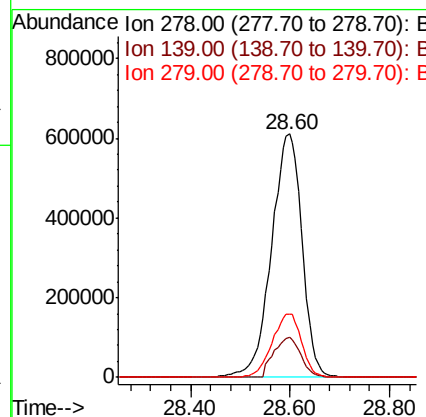
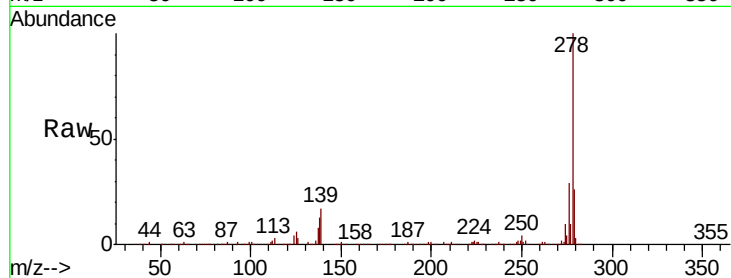
#91  
Dibenzo(a,h)anthracene  
Concen: 77.798 ng  
RT: 28.60 min Scan# 4342  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.6  | 12.6  | 19.0  |
| 279     | 25.9  | 20.5  | 30.7  |

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:39:48 AM



#92  
Benzo(g,h,i)perylene  
Concen: 79.074 ng  
RT: 29.67 min Scan# 4524  
Delta R.T. 0.00 min  
Lab File: BG041646.D  
Acq: 15 Jul 2019 11:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 25.8  | 19.8  | 29.8  |
| 138     | 21.3  | 16.6  | 25.0  |

