

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\  
 Data File : BG045971.D  
 Acq On : 7 Jul 2020 22:43  
 Operator : CG/JU  
 Sample : L3216-08  
 Misc : LOD-WTR-10PPM  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

Manual Integrations  
 APPROVED

mohammad  
 7/9/2020 10:55:49 AM

Quant Time: Jul 08 04:47:06 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 08 04:08:08 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 136106   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.81 | 136  | 548705   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.63 | 164  | 328965   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.37 | 188  | 666134   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.63 | 240  | 614213   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.78 | 264  | 616807   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.59  | 112 | 1356289 | 161.60 | ng | 0.00 |
| 7) Phenol-d6                | 7.16  | 99  | 1897255 | 157.01 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.16  | 82  | 1507180 | 158.10 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.11 | 330 | 538587  | 176.40 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.26 | 172 | 2697857 | 127.92 | ng | 0.00 |
| 79) Terphenyl-d14           | 19.99 | 244 | 3087867 | 111.88 | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.52  | 88  | 46350  | 11.970 | ng | 96   |
| 3) Pyridine                    | 3.90  | 79  | 100135 | 8.552  | ng | 95   |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 38539  | 9.734  | ng | # 99 |
| 6) Aniline                     | 7.33  | 93  | 154008 | 9.963  | ng | 96   |
| 8) 2-Chlorophenol              | 7.57  | 128 | 86354  | 9.558  | ng | 96   |
| 9) Benzaldehyde                | 7.14  | 77  | 103687 | 13.544 | ng | 98   |
| 10) Phenol                     | 7.19  | 94  | 118723 | 9.795  | ng | 98   |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93  | 96083  | 9.586  | ng | 96   |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 100081 | 9.610  | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 101460 | 9.904  | ng | 100  |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 93924  | 9.526  | ng | 97   |
| 15) Benzyl Alcohol             | 8.23  | 79  | 90312  | 9.532  | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 128967 | 9.862  | ng | 98   |
| 17) 2-Methylphenol             | 8.44  | 107 | 82834  | 9.108  | ng | 96   |
| 18) Hexachloroethane           | 9.10  | 117 | 39327  | 9.977  | ng | 88   |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 86281  | 10.164 | ng | 99   |
| 20) 3+4-Methylphenols          | 8.76  | 107 | 110976 | 8.953  | ng | 96   |
| 22) Acetophenone               | 8.82  | 105 | 150079 | 10.238 | ng | # 98 |
| 24) Nitrobenzene               | 9.20  | 77  | 115135 | 10.942 | ng | 96   |
| 25) Isophorone                 | 9.73  | 82  | 223308 | 9.595  | ng | 99   |
| 26) 2-Nitrophenol              | 9.91  | 139 | 33124  | 9.658  | ng | 96   |
| 27) 2,4-Dimethylphenol         | 9.97  | 122 | 87247  | 10.532 | ng | 93   |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93  | 131925 | 10.095 | ng | 96   |
| 29) 2,4-Dichlorophenol         | 10.45 | 162 | 80460  | 9.383  | ng | 95   |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 90928  | 9.570  | ng | 97   |
| 31) Naphthalene                | 10.85 | 128 | 292785 | 9.954  | ng | 97   |
| 32) Benzoic acid               | 10.04 | 122 | 31644m | 7.055  | ng |      |
| 33) 4-Chloroaniline            | 10.95 | 127 | 121631 | 9.253  | ng | 97   |
| 34) Hexachlorobutadiene        | 11.16 | 225 | 50380  | 9.081  | ng | 98   |
| 35) Caprolactam                | 11.69 | 113 | 29147  | 8.952  | ng | # 89 |
| 36) 4-Chloro-3-methylphenol    | 12.07 | 107 | 93080  | 9.530  | ng | 99   |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 213357 | 10.204 | ng | 98   |
| 38) 1-Methylnaphthalene        | 12.67 | 142 | 201244 | 10.198 | ng | 96   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 94207  | 10.159 | ng | 98   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\  
 Data File : BG045971.D  
 Acq On : 7 Jul 2020 22:43  
 Operator : CG/JU  
 Sample : L3216-08  
 Misc : LOD-WTR-10PPM  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

Manual Integrations  
 APPROVED

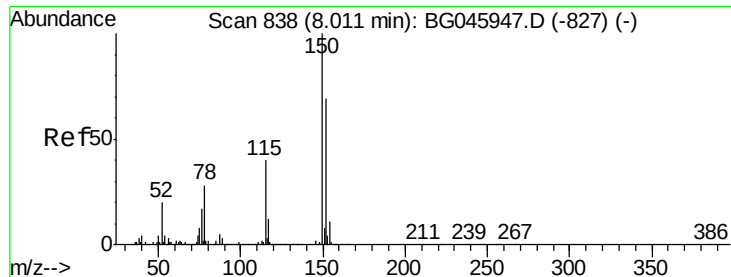
mohammad  
 7/9/2020 10:55:49 AM

Quant Time: Jul 08 04:47:06 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 08 04:08:08 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.82 | 237  | 52723    | 9.582  | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.06 | 196  | 56378    | 8.990  | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.13 | 196  | 65625    | 9.255  | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.47 | 154  | 270888   | 10.946 | nq    | 97       |
| 47) 2-Chloronaphthalene        | 13.50 | 162  | 187814   | 9.619  | nq    | 97       |
| 48) 2-Nitroaniline             | 13.69 | 65   | 50795    | 11.116 | nq    | 99       |
| 49) Acenaphthylene             | 14.35 | 152  | 321118   | 10.193 | nq    | 97       |
| 50) Dimethylphthalate          | 14.08 | 163  | 235918   | 9.556  | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.19 | 165  | 41327    | 10.788 | nq    | 96       |
| 52) Acenaphthene               | 14.70 | 154  | 189911   | 9.557  | nq    | 97       |
| 53) 3-Nitroaniline             | 14.51 | 138  | 47150    | 9.932  | nq #  | 95       |
| 54) 2,4-Dinitrophenol          | 14.71 | 184  | 10598    | 7.843  | nq #  | 1        |
| 55) Dibenzofuran               | 15.02 | 168  | 291129   | 9.995  | nq    | 98       |
| 56) 4-Nitrophenol              | 14.81 | 139  | 37182    | 9.244  | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.97 | 165  | 51470    | 10.874 | nq #  | 87       |
| 58) Fluorene                   | 15.68 | 166  | 238129   | 9.966  | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 54599m   | 9.973  | nq    |          |
| 60) Diethylphthalate           | 15.45 | 149  | 243984   | 9.423  | nq    | 95       |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 109797   | 9.236  | nq    | 97       |
| 62) 4-Nitroaniline             | 15.68 | 138  | 49280    | 9.658  | nq    | 95       |
| 63) Azobenzene                 | 15.96 | 77   | 281505   | 10.130 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.74 | 198  | 17341    | 8.888  | nq    | 90       |
| 66) n-Nitrosodiphenylamine     | 15.88 | 169  | 205771   | 9.968  | nq    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.56 | 248  | 67184    | 9.030  | nq    | 99       |
| 68) Hexachlorobenzene          | 16.68 | 284  | 71943    | 9.637  | nq    | 98       |
| 69) Atrazine                   | 16.83 | 200  | 69314    | 11.357 | nq    | 95       |
| 70) Pentachlorophenol          | 17.02 | 266  | 37027    | 8.920  | nq    | 97       |
| 71) Phenanthrene               | 17.41 | 178  | 359877   | 10.219 | nq    | 97       |
| 72) Anthracene                 | 17.50 | 178  | 374301   | 10.473 | nq    | 97       |
| 73) Carbazole                  | 17.76 | 167  | 358140   | 9.997  | nq    | 95       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 433105   | 10.005 | nq    | 97       |
| 75) Fluoranthene               | 19.42 | 202  | 420994   | 10.341 | nq    | 96       |
| 77) Benzidine                  | 19.59 | 184  | 234606   | 13.359 | nq    | 98       |
| 78) Pyrene                     | 19.78 | 202  | 434505   | 10.364 | nq    | 94       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 180649   | 9.118  | nq    | 97       |
| 81) Benzo(a)anthracene         | 21.61 | 228  | 400707   | 9.922  | nq    | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.52 | 252  | 150783   | 10.104 | nq    | 98       |
| 83) Chrysene                   | 21.67 | 228  | 376097   | 9.775  | nq    | 94       |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 273770   | 9.519  | nq #  | 96       |
| 85) Di-n-octyl phthalate       | 22.76 | 149  | 455645   | 9.130  | nq    | 97       |
| 87) Indeno(1,2,3-cd)pyrene     | 28.35 | 276  | 443175   | 9.821  | nq    | 96       |
| 88) Benzo(b)fluoranthene       | 23.78 | 252  | 392494   | 10.024 | nq    | 96       |
| 89) Benzo(k)fluoranthene       | 23.85 | 252  | 386971   | 10.452 | nq    | 95       |
| 90) Benzo(a)pyrene             | 24.64 | 252  | 354193   | 9.620  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.43 | 278  | 361740   | 9.939  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.46 | 276  | 362363   | 9.894  | nq    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA\_G

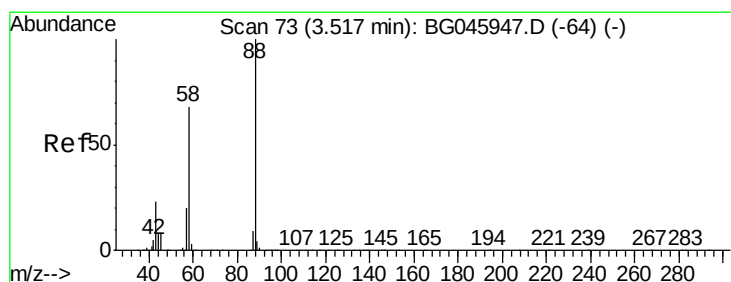
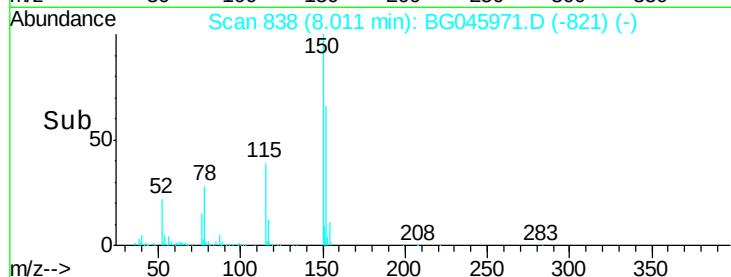
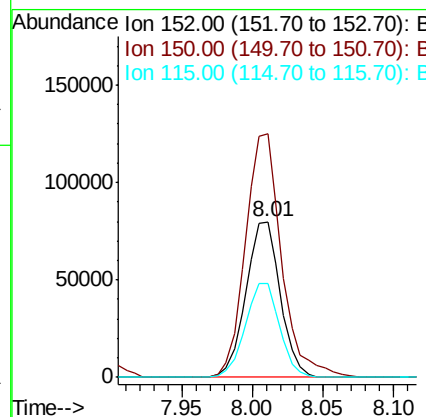
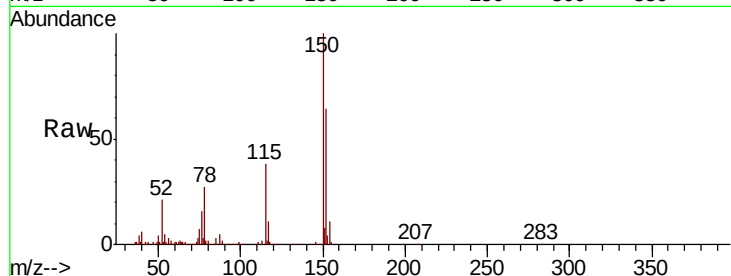
ClientSampleId :

LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.3 | 116.7 | 175.1 |
| 115     | 59.9  | 47.4  | 71.0  |

Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM



#2

1,4-Dioxane

Concen: 11.970 ng

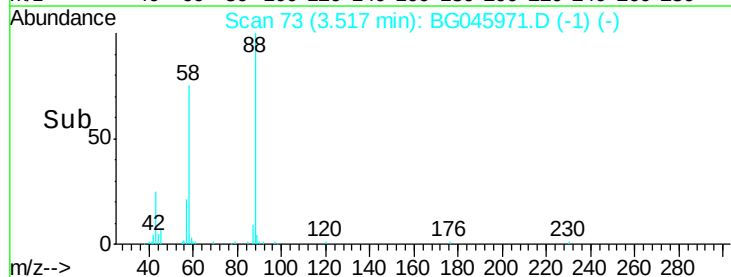
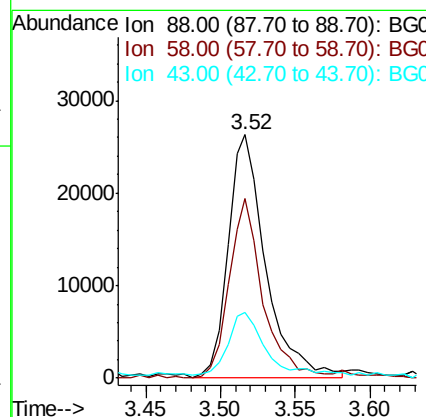
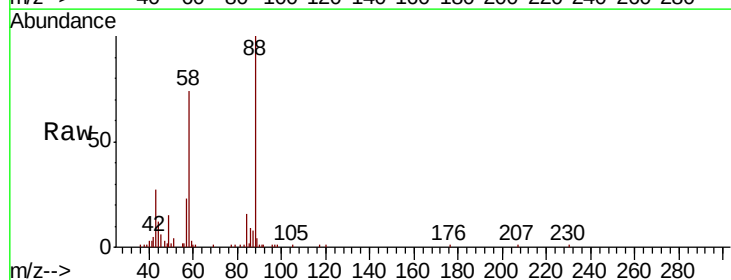
RT: 3.52 min Scan# 73

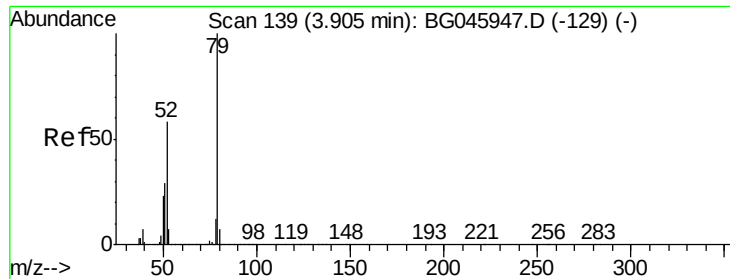
Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 65.8  | 55.2  | 82.8  |
| 43      | 25.8  | 19.4  | 29.0  |





#3

Pvridine

Concen: 8.552 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA\_G

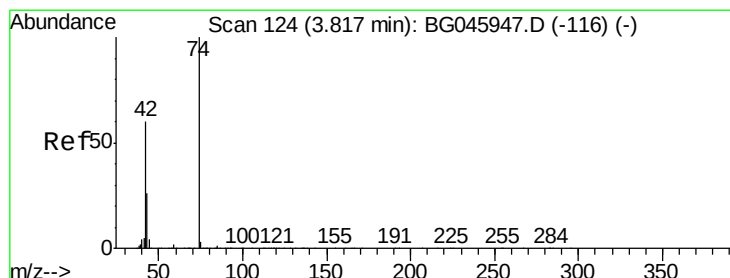
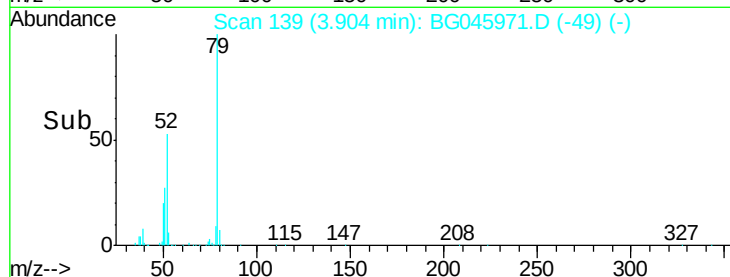
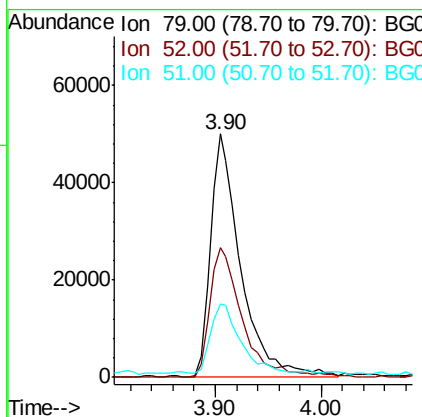
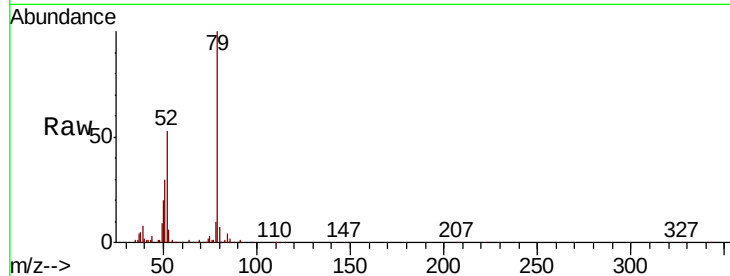
ClientSampleId :

LOQ-WATER-02-QT3-2020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 100135 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 53.3  | 46.5  | 69.7   |
| 51       | 30.0  | 23.5  | 35.3   |

Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM



#4

n-Nitrosodimethylamine

Concen: 9.734 ng

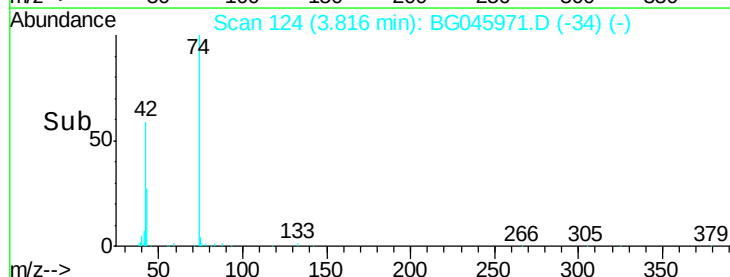
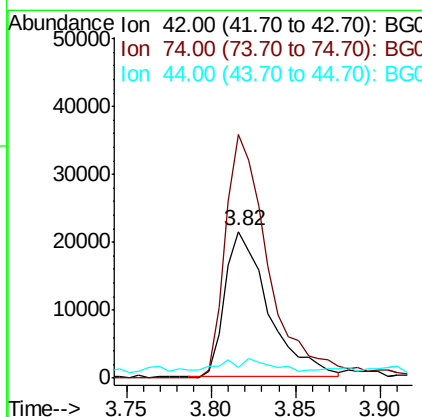
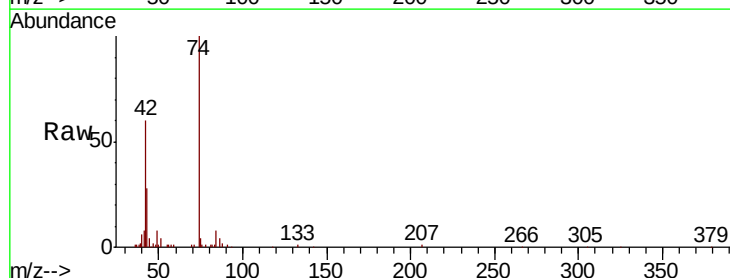
RT: 3.82 min Scan# 124

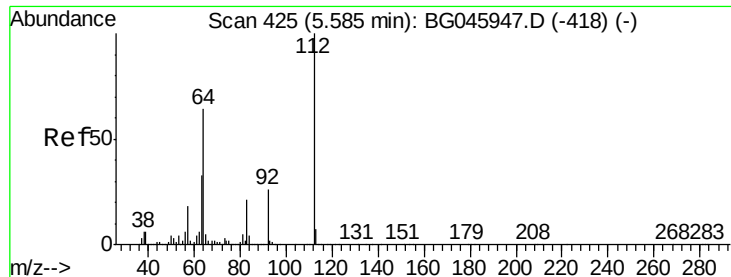
Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 38539 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 165.8 | 131.9 | 197.9 |
| 44       | 6.8   | 7.7   | 11.5# |





#5

2-Fluorophenol

Concen: 161.598 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:112 Resp: 1356289

Ion Ratio Lower Upper

112 100

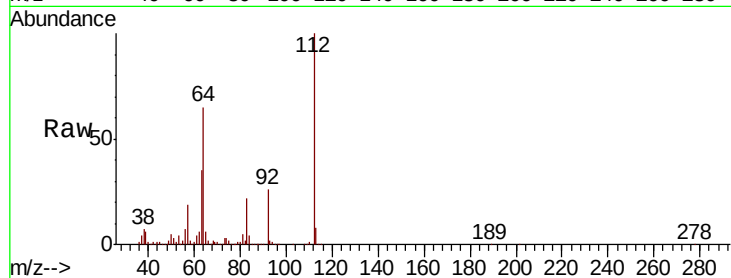
64 65.3 51.4 77.2

63 35.3 26.6 40.0

Manual Integrations  
APPROVED

mohammad

7/9/2020 10:55:49 AM

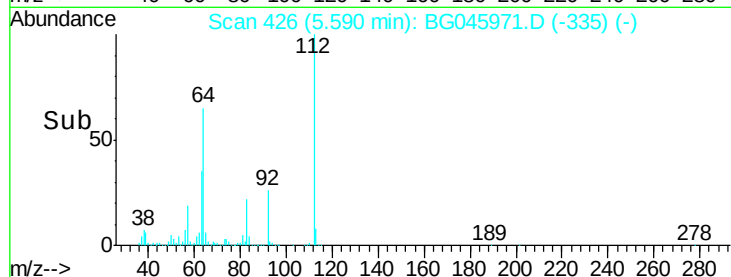


Abundance Ion 112.00 (111.70 to 112.70): B

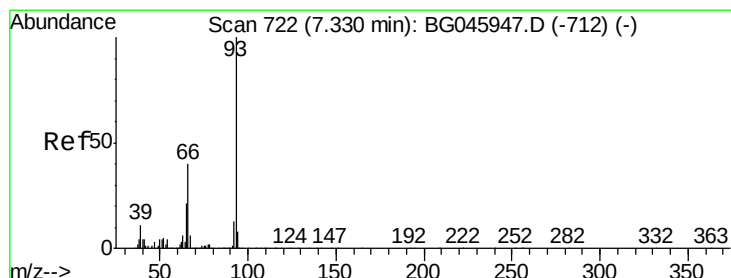
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->



Time-->



#6

Aniline

Concen: 9.963 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

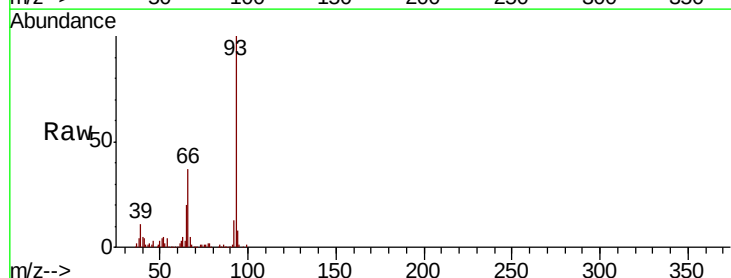
Tgt Ion: 93 Resp: 154008

Ion Ratio Lower Upper

93 100

66 37.2 32.3 48.5

65 20.2 16.6 25.0

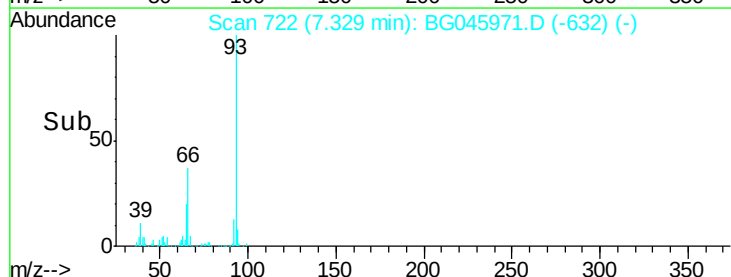


Abundance Ion 93.00 (92.70 to 93.70): BGC

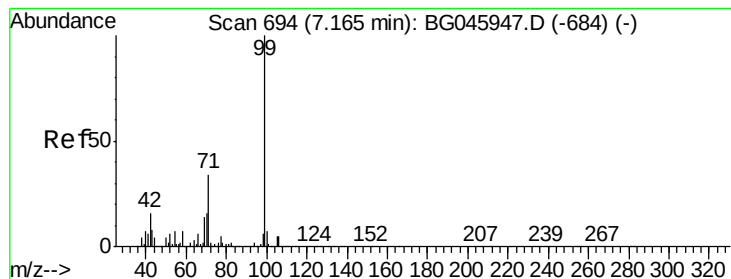
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->



Time-->



#7

Phenol-d6

Concen: 157.013 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 99 Resp: 1897255

Ion Ratio Lower Upper

99 100

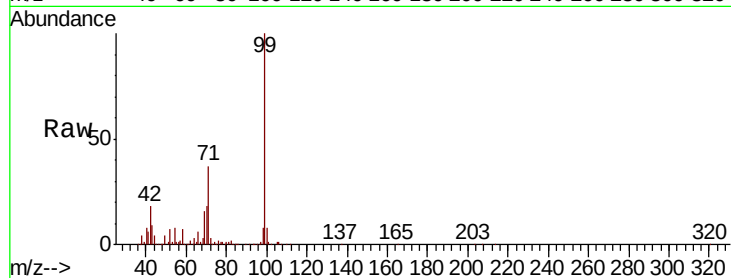
42 18.4 13.0 19.4

71 36.6 27.5 41.3

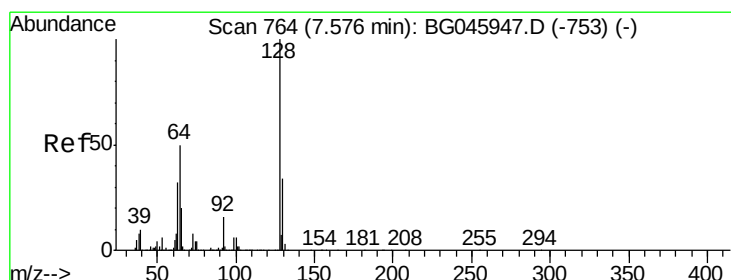
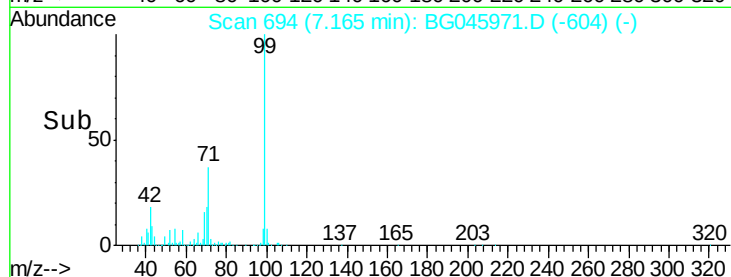
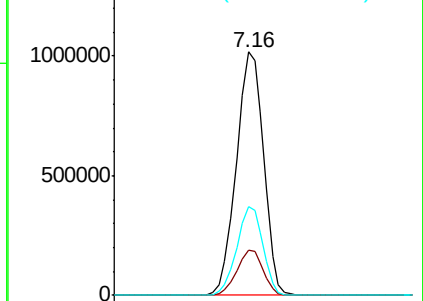
Manual Integrations  
APPROVED

mohammad

7/9/2020 10:55:49 AM



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 9.558 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

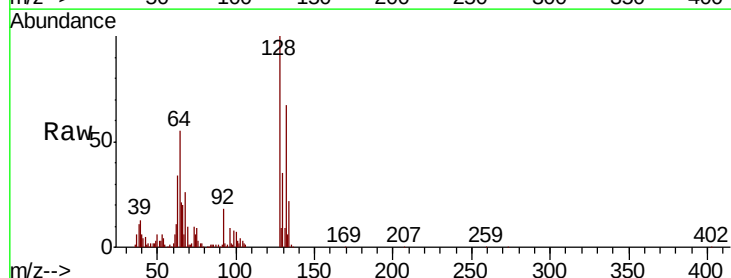
Tgt Ion:128 Resp: 86354

Ion Ratio Lower Upper

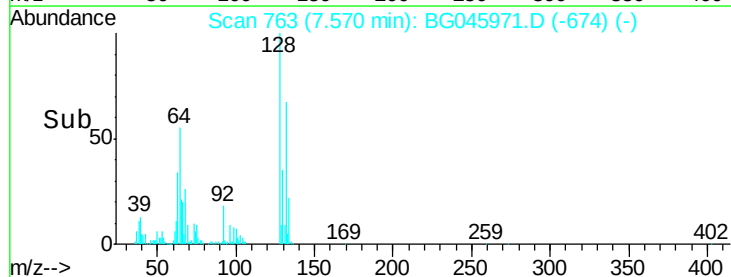
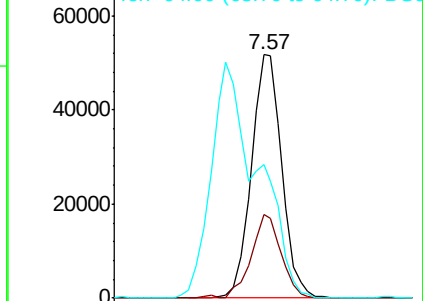
128 100

130 34.5 13.6 53.6

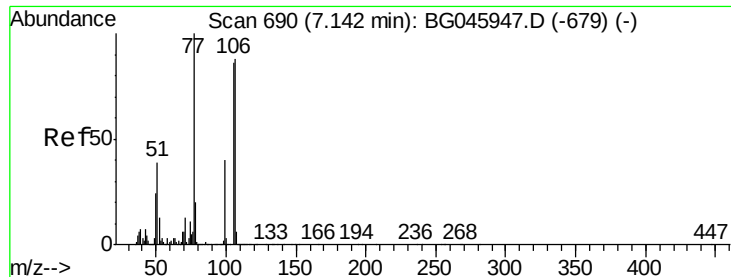
64 54.9 30.6 70.6



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 13.544 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA\_G

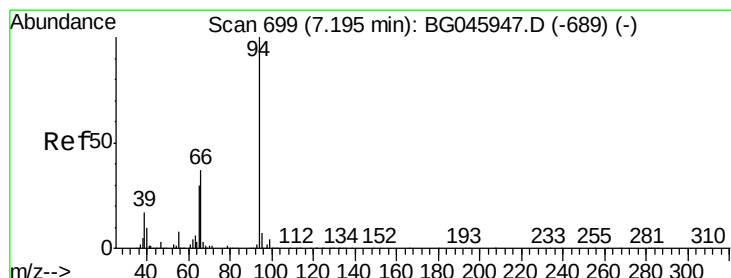
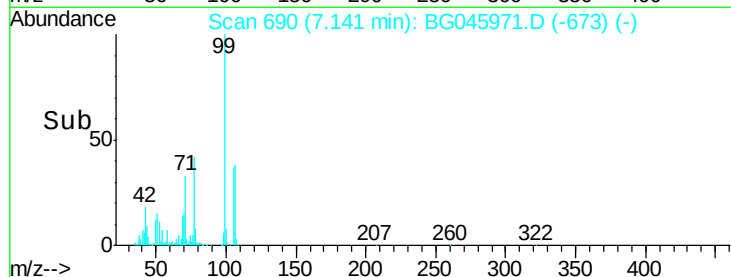
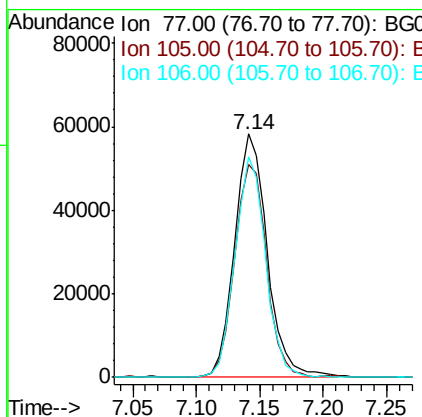
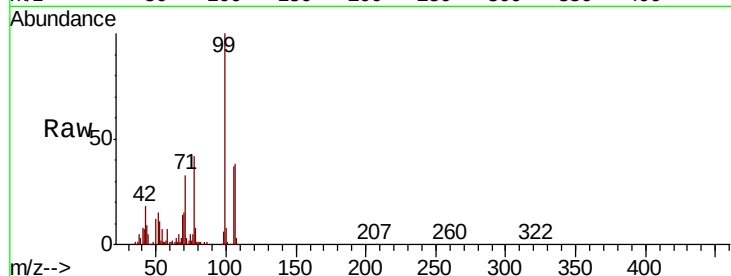
ClientSampleId :

LOQ-WATER-02-QT3-2020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 103687 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 87.3  | 66.0  | 106.0  |
| 106      | 90.4  | 67.7  | 107.7  |

Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM



#10

Phenol

Concen: 9.795 ng

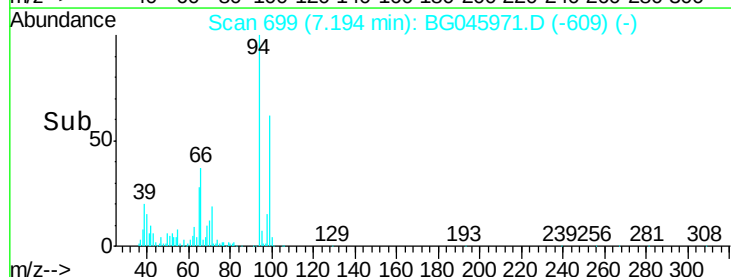
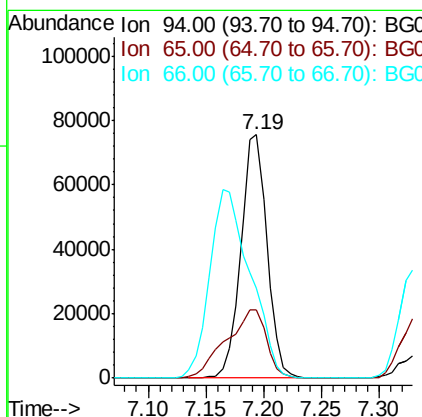
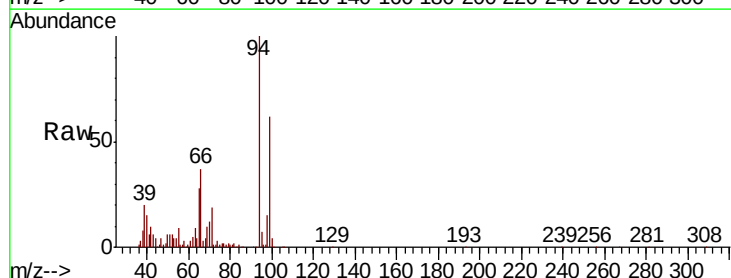
RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

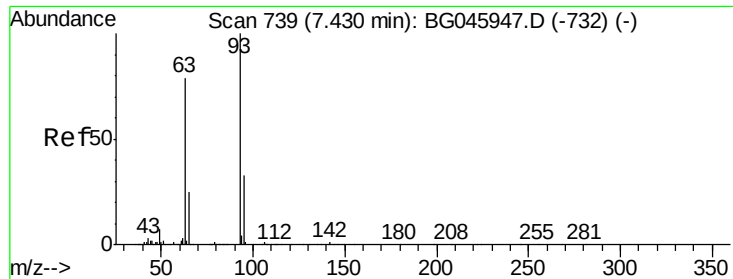
Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 118723 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 28.3  | 10.6  | 50.6   |
| 66       | 37.2  | 17.1  | 57.1   |







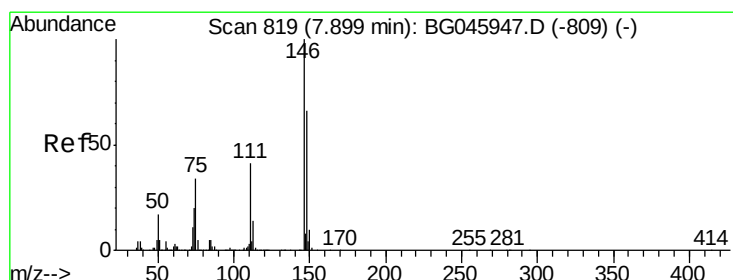
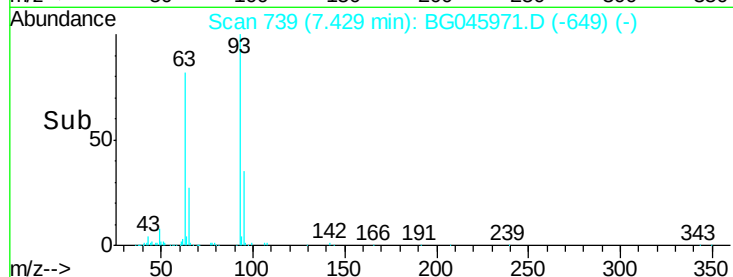
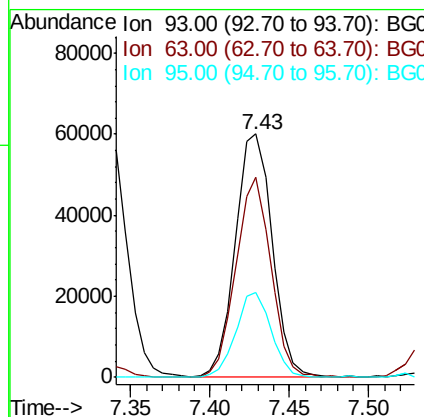
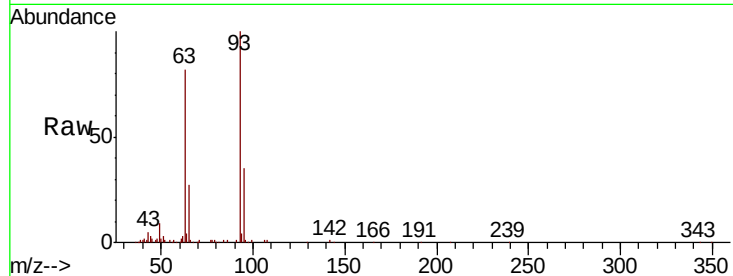
#11  
bis(2-Chloroethyl)ether  
Concen: 9.586 ng  
RT: 7.43 min Scan# 739  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 63      | 82.1  | 58.6 | 98.6  |       |
| 95      | 34.7  | 13.3 | 53.3  |       |

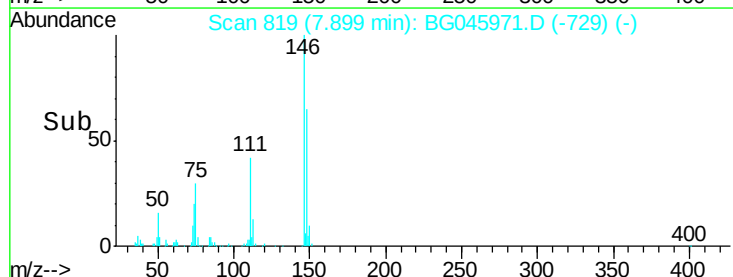
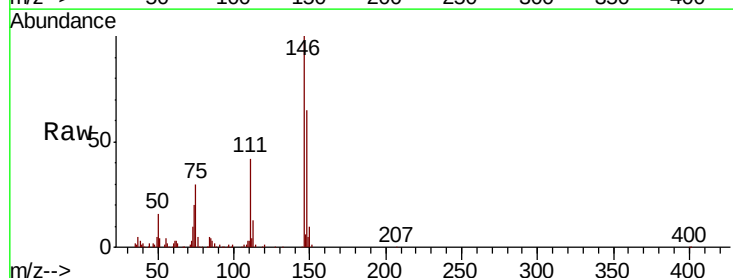
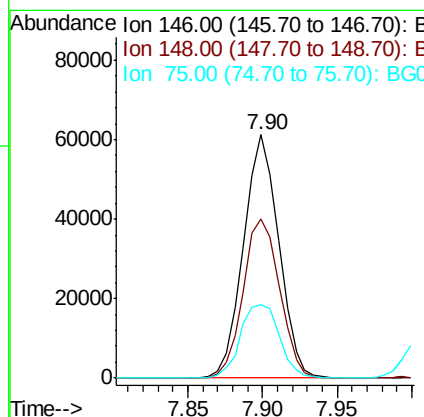
Manual Integrations  
APPROVED

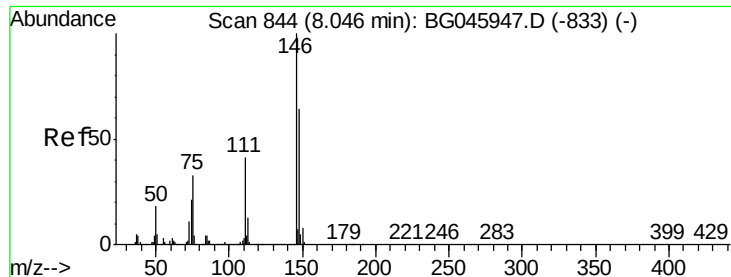
mohammad  
7/9/2020 10:55:49 AM



#12  
1,3-Dichlorobenzene  
Concen: 9.610 ng  
RT: 7.90 min Scan# 819  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 148     | 65.2  | 52.8 | 79.2  |       |
| 75      | 30.4  | 27.2 | 40.8  |       |





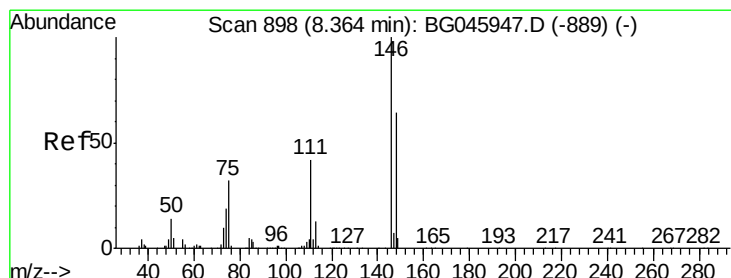
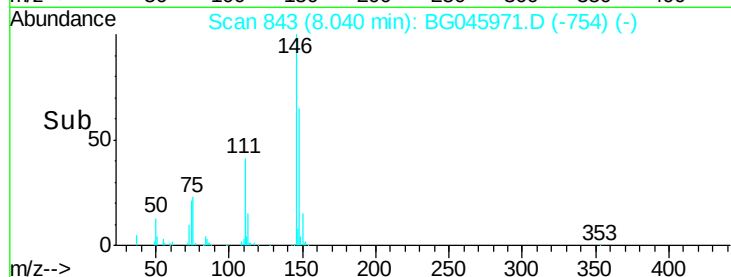
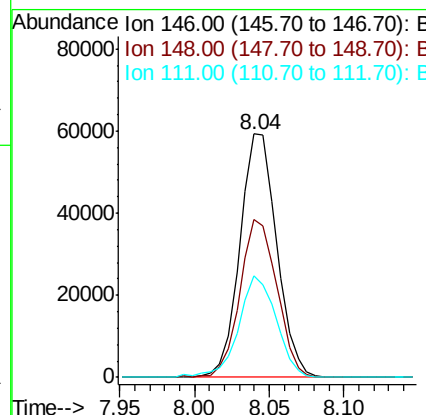
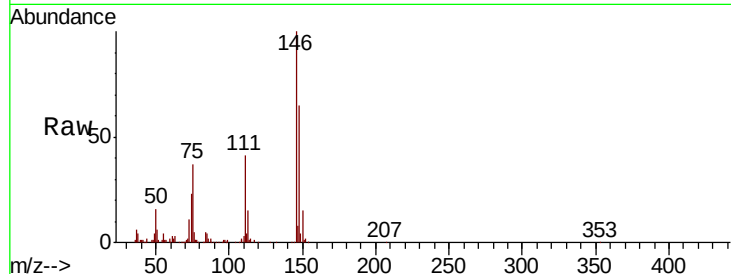
#13  
1,4-Dichlorobenzene  
Concen: 9.904 ng  
RT: 8.04 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 51.7  | 77.5  |
| 111     | 41.5  | 33.3  | 49.9  |

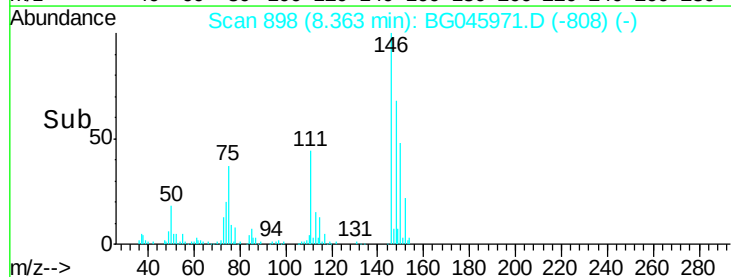
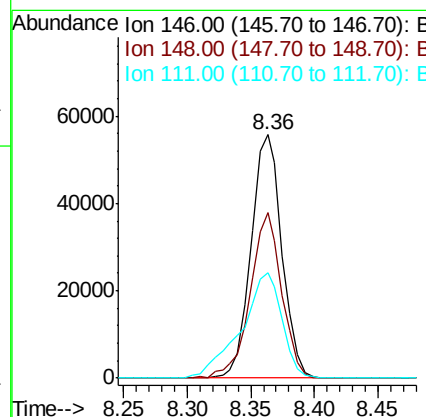
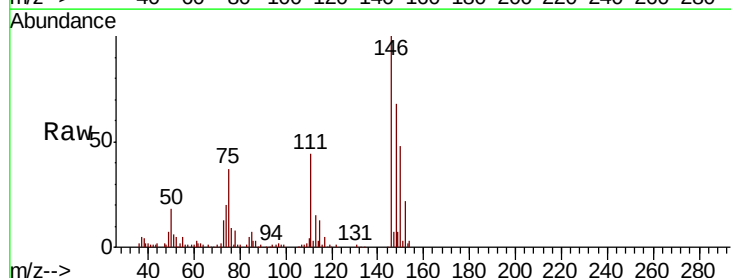
Manual Integrations  
APPROVED

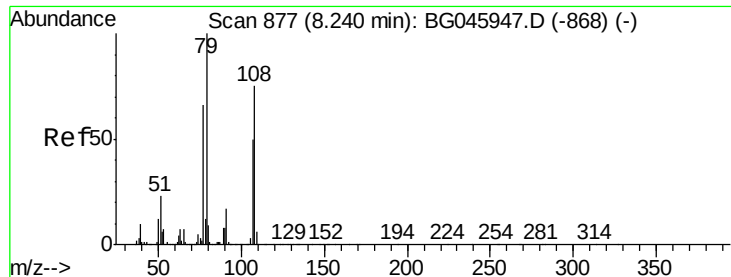
mohammad  
7/9/2020 10:55:49 AM



#14  
1,2-Dichlorobenzene  
Concen: 9.526 ng  
RT: 8.36 min Scan# 898  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.9  | 51.6  | 77.4  |
| 111     | 43.5  | 34.0  | 51.0  |





#15

Benzyl Alcohol

Concen: 9.532 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA\_G

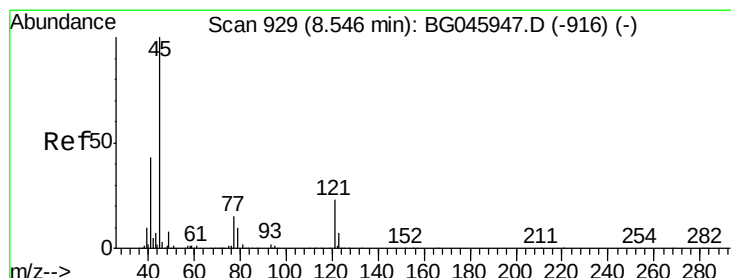
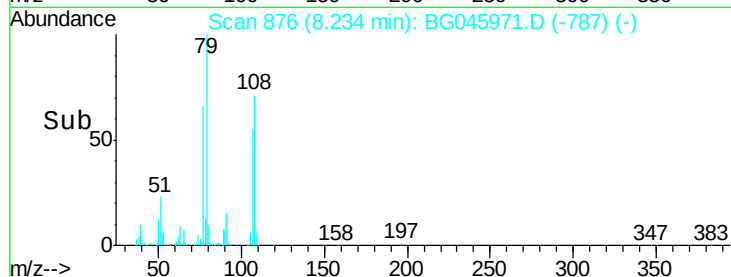
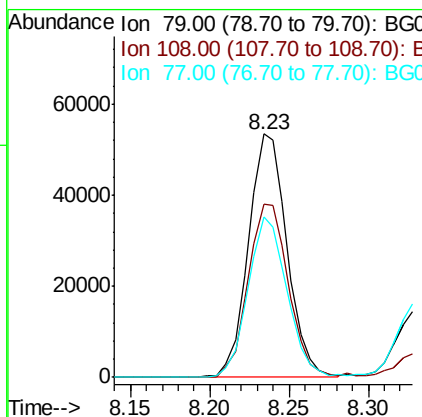
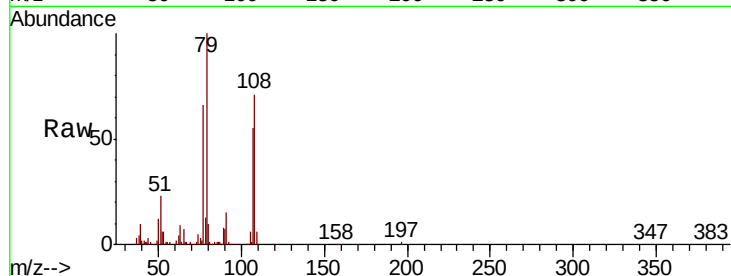
ClientSampleId :

LOQ-WATER-02-QT3-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 90312 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 71.0  | 60.2  | 90.4  |
| 77        | 65.8  | 52.9  | 79.3  |

Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 9.862 ng

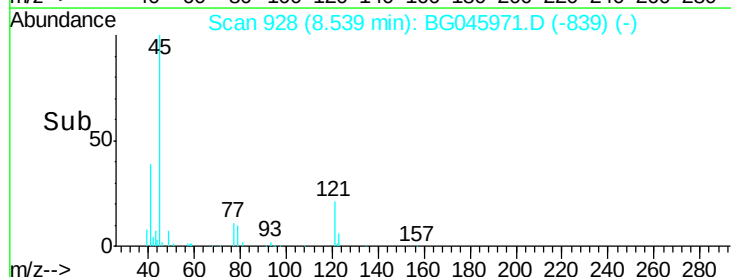
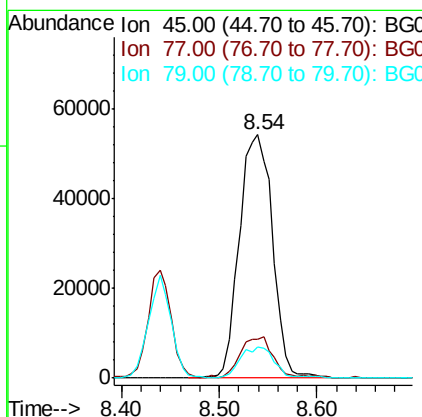
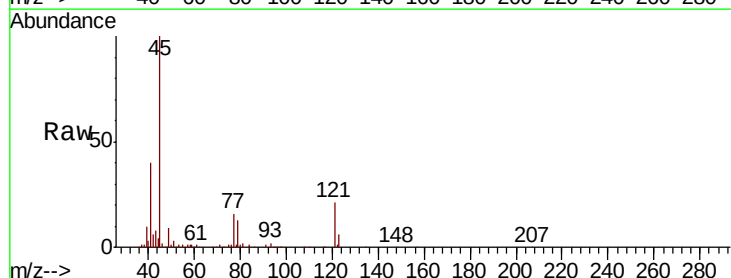
RT: 8.54 min Scan# 928

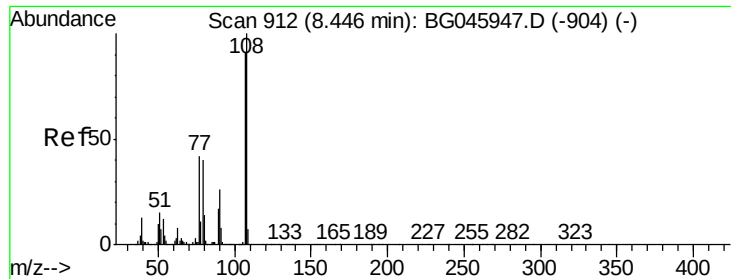
Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 128967 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 16.2  | 0.0   | 37.6   |
| 79        | 12.9  | 0.0   | 32.6   |





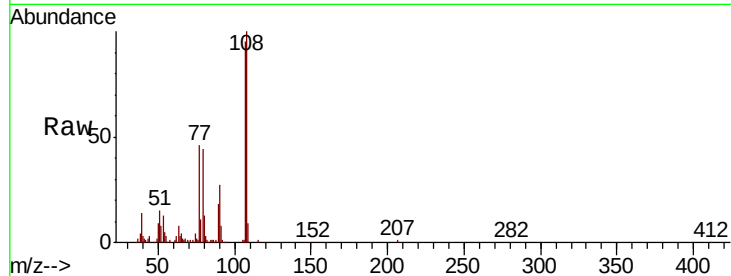
#17  
2-Methylphenol  
Concen: 9.108 ng  
RT: 8.44 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

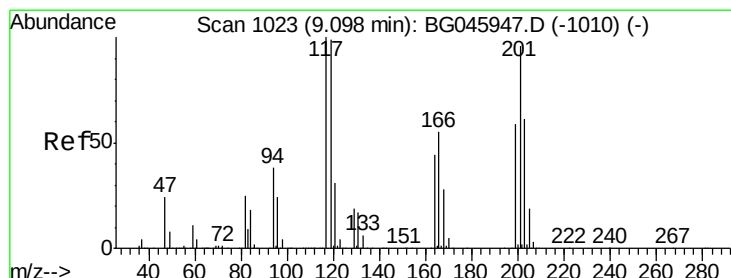
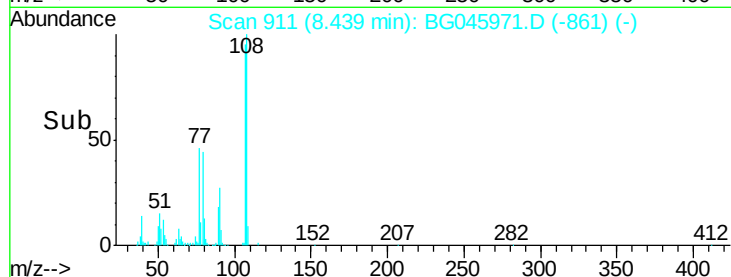
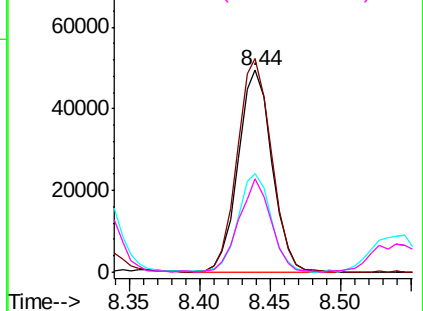
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 105.8 | 88.2 | 132.4 |       |
| 77      | 48.9  | 37.0 | 55.4  |       |
| 79      | 46.3  | 35.4 | 53.0  |       |

Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM

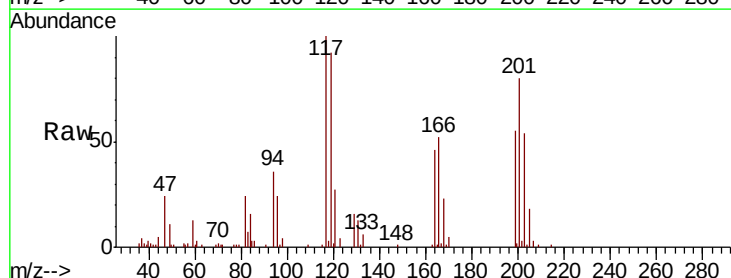


Abundance Ion 107.00 (106.70 to 107.70): E  
80000  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

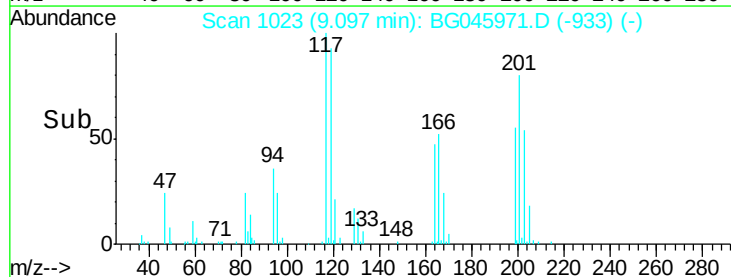
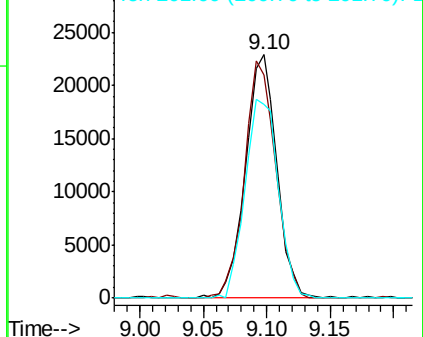


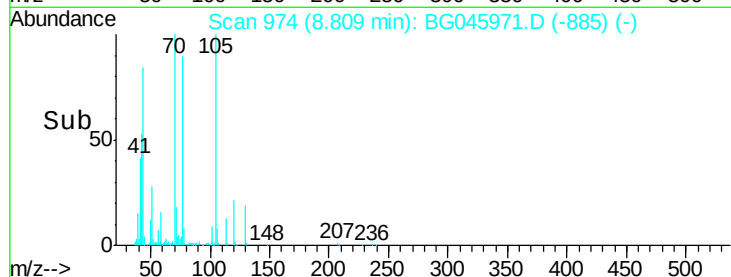
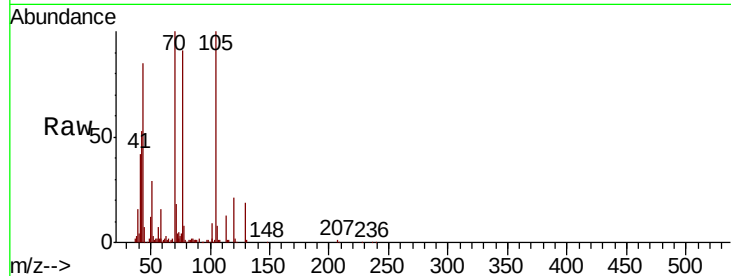
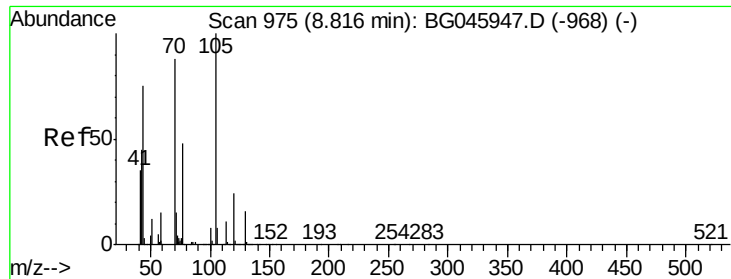
#18  
Hexachloroethane  
Concen: 9.977 ng  
RT: 9.10 min Scan# 1023  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 91.9  | 79.5 | 119.3 |       |
| 201     | 79.6  | 77.0 | 115.4 |       |



Abundance Ion 117.00 (116.70 to 117.70): E  
30000  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





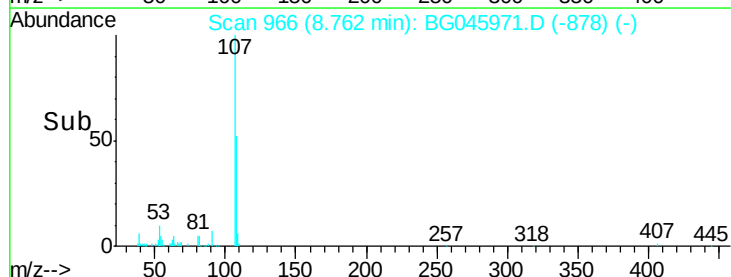
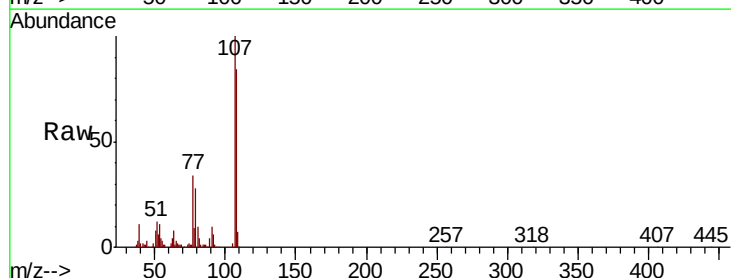
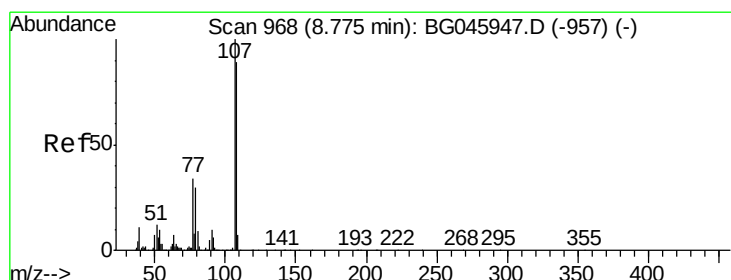
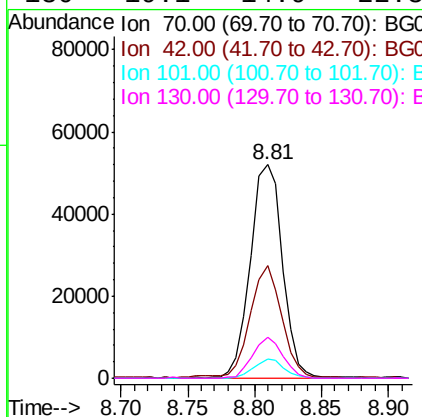
#19  
n-Nitroso-di-n-propylamine  
Concen: 10.164 ng  
RT: 8.81 min Scan# 974  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 52.8  | 41.4  | 62.0  |
| 101     | 8.7   | 7.1   | 10.7  |
| 130     | 19.1  | 14.9  | 22.3  |

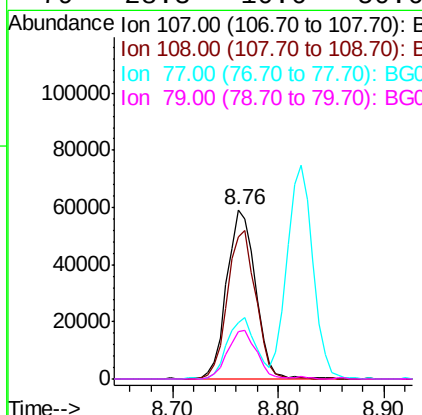
Manual Integrations  
APPROVED

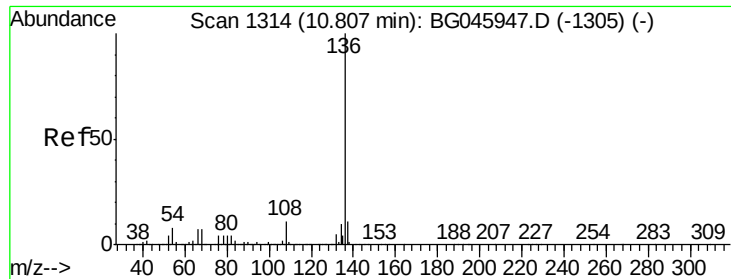
mohammad  
7/9/2020 10:55:49 AM



#20  
3+4-Methylphenols  
Concen: 8.953 ng  
RT: 8.76 min Scan# 966  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 83.9  | 68.7  | 108.7 |
| 77      | 33.6  | 14.6  | 54.6  |
| 79      | 28.3  | 10.6  | 50.6  |





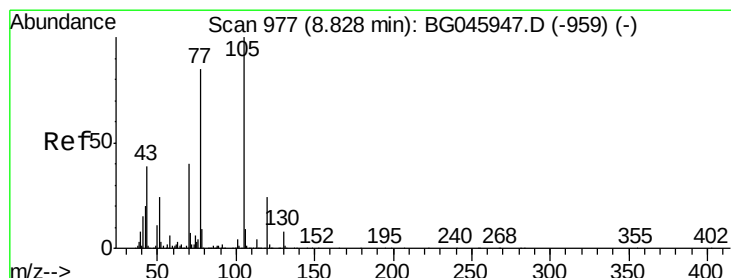
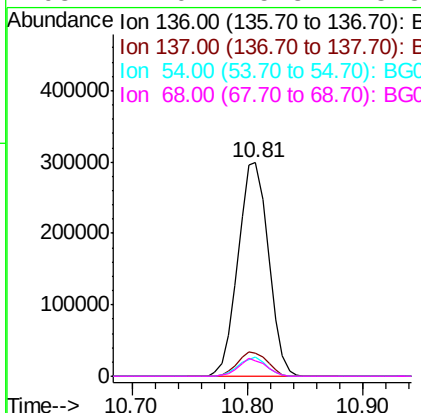
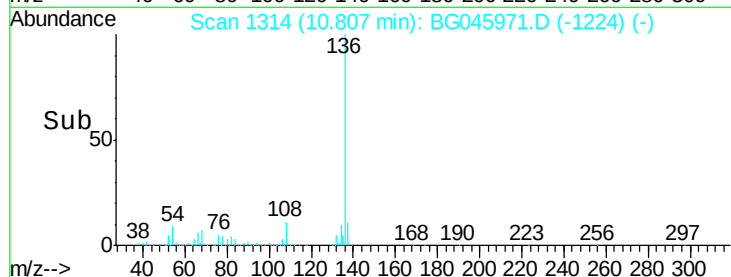
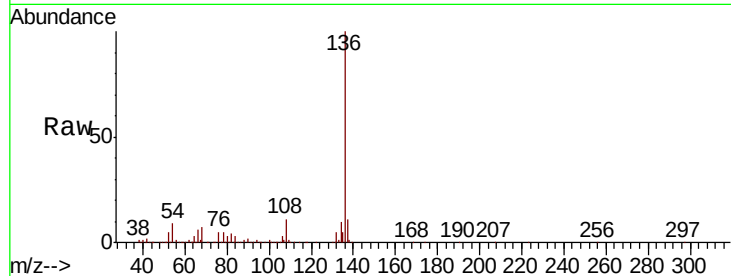
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.81 min Scan# 1314  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 548705 |       |       |
| 137     | 10.7 | 9.2   | 13.8   |       |       |
| 54      | 9.3  | 6.2   | 9.4    |       |       |
| 68      | 7.0  | 5.8   | 8.8    |       |       |

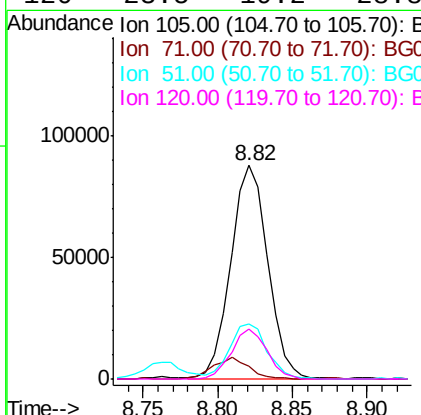
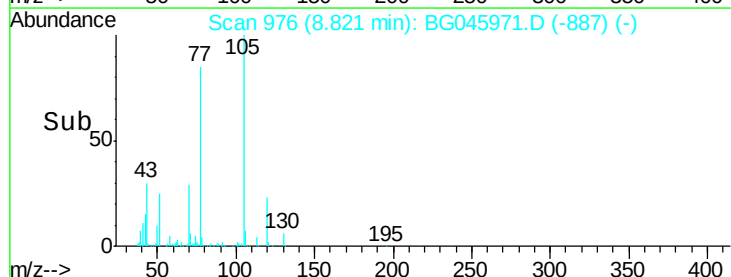
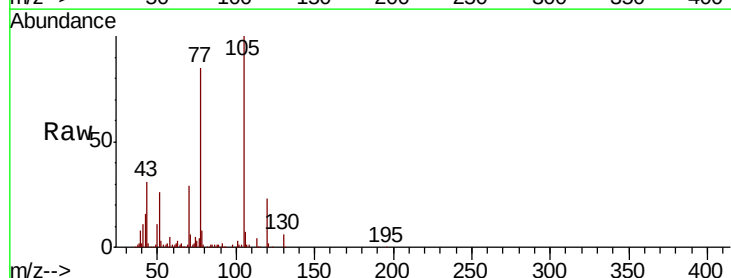
Manual Integrations  
APPROVED

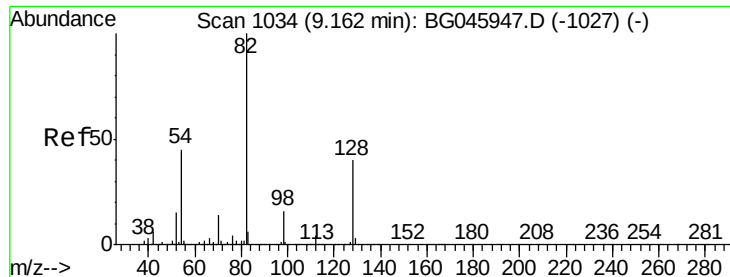
mohammad  
7/9/2020 10:55:49 AM



#22  
Acetophenone  
Concen: 10.238 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 150079 |       |       |
| 71      | 5.9  | 6.2   | 9.2#   |       |       |
| 51      | 25.8 | 19.7  | 29.5   |       |       |
| 120     | 23.5 | 19.2  | 28.8   |       |       |





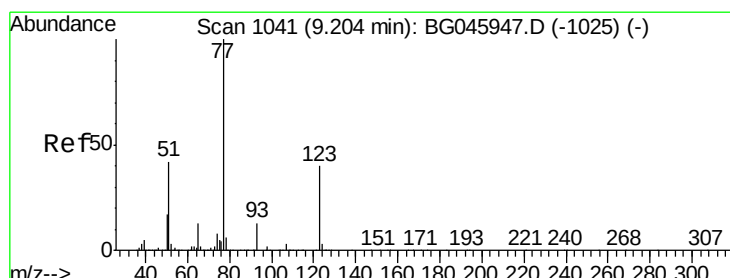
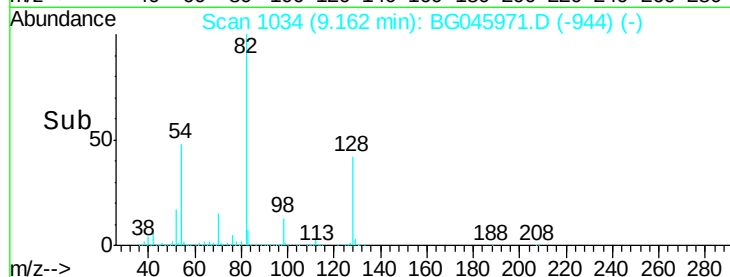
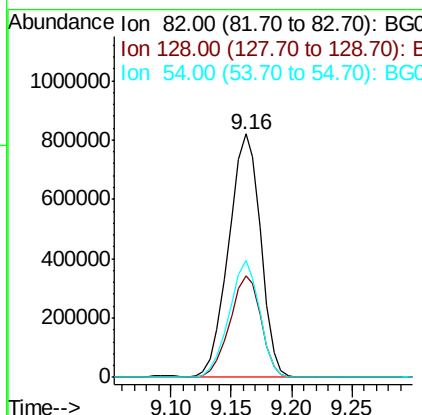
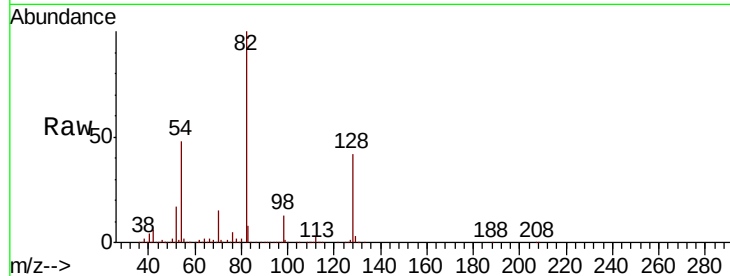
#23  
 Nitrobenzene-d5  
 Concen: 158.100 ng  
 RT: 9.16 min Scan# 1034  
 Delta R.T. -0.00 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.8  | 32.2  | 48.4  |
| 54      | 47.9  | 35.8  | 53.6  |

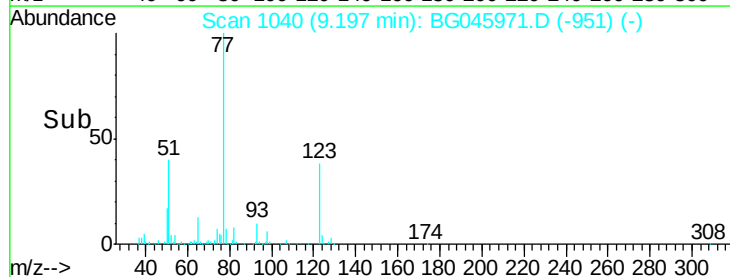
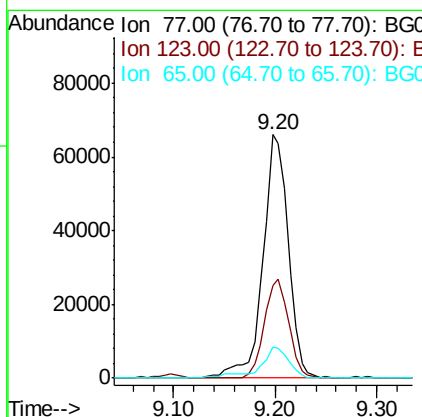
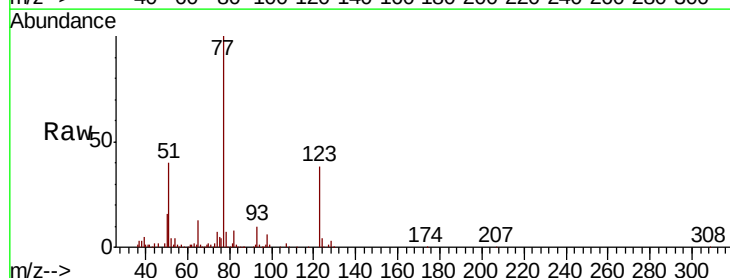
Manual Integrations  
 APPROVED

mohammad  
 7/9/2020 10:55:49 AM

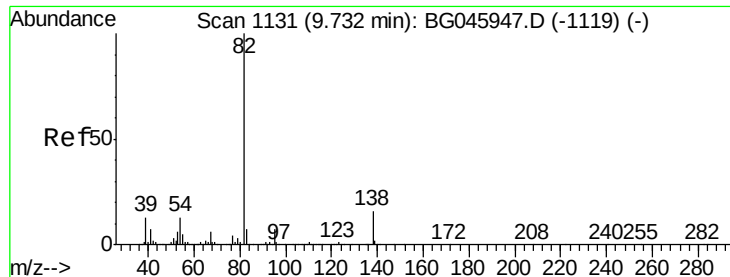


#24  
 Nitrobenzene  
 Concen: 10.942 ng  
 RT: 9.20 min Scan# 1040  
 Delta R.T. -0.01 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 38.0  | 32.7  | 49.1  |
| 65      | 12.7  | 10.2  | 15.4  |







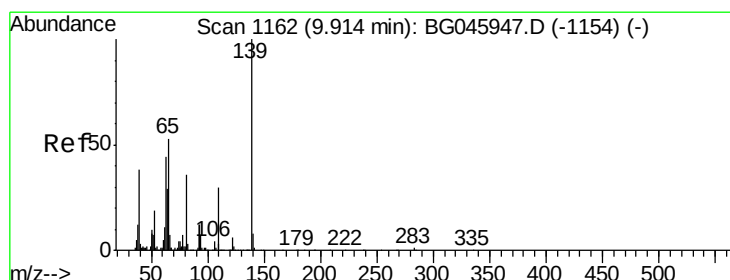
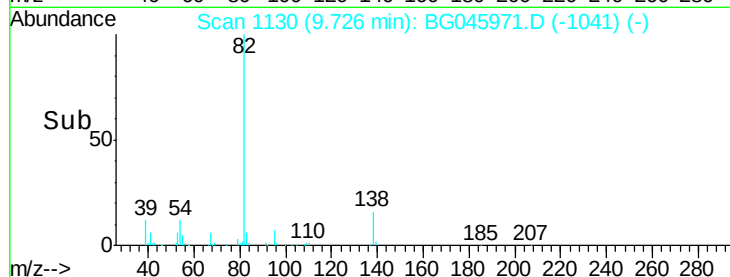
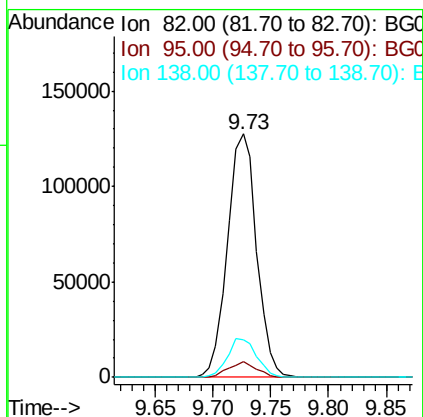
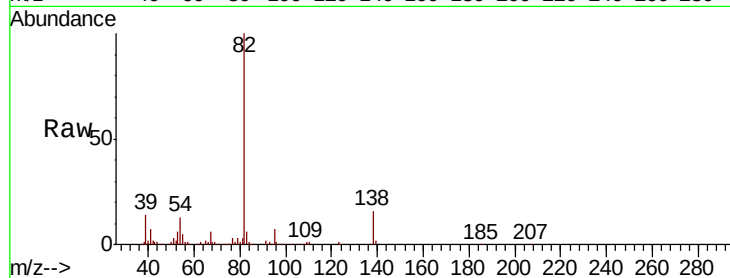
#25  
Isophorone  
Concen: 9.595 ng  
RT: 9.73 min Scan# 1130  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 223308 |       |       |
| 95      | 6.7   |        | 5.8   | 8.6   |
| 138     | 15.5  |        | 12.9  | 19.3  |

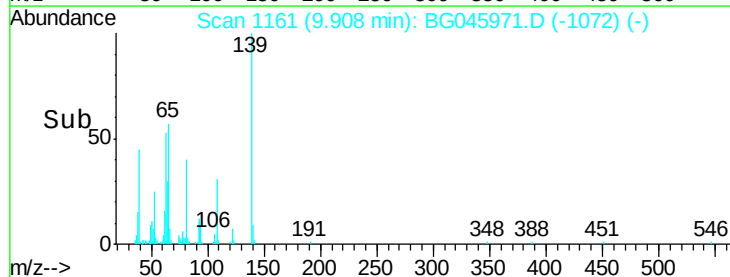
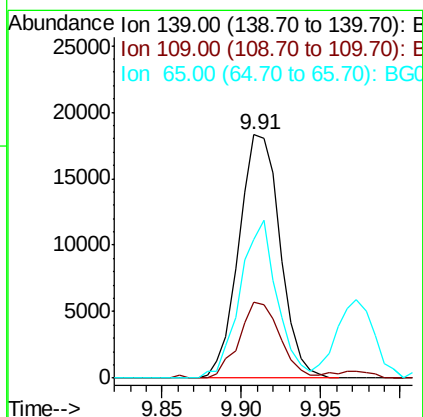
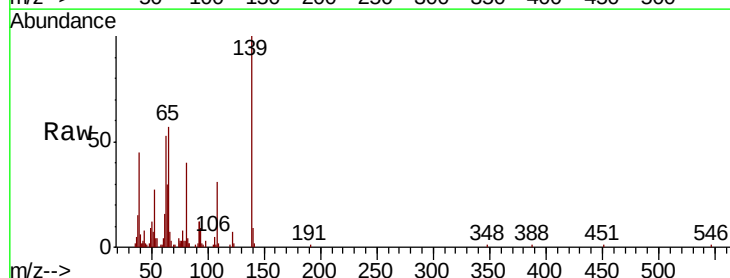
Manual Integrations  
APPROVED

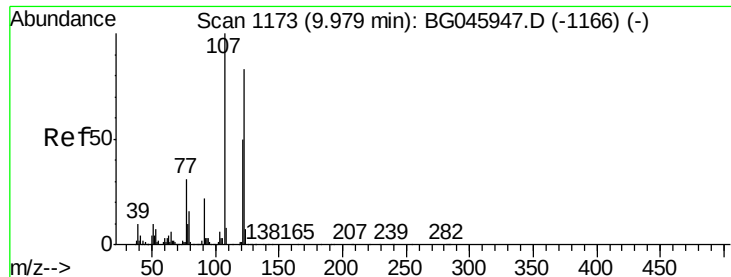
mohammad  
7/9/2020 10:55:49 AM



#26  
2-Nitrophenol  
Concen: 9.658 ng  
RT: 9.91 min Scan# 1161  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 33124 |       |       |
| 109     | 31.2  |       | 24.6  | 37.0  |
| 65      | 57.2  |       | 42.6  | 64.0  |





#27

2,4-Dimethylphenol

Concen: 10.532 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA\_G

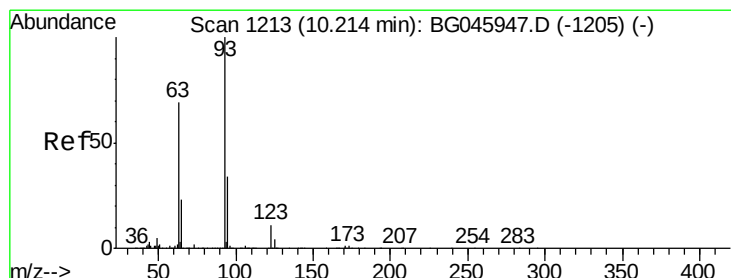
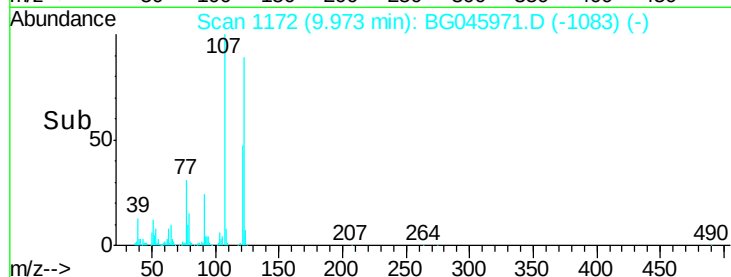
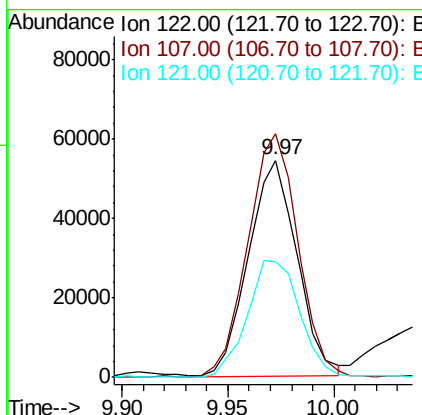
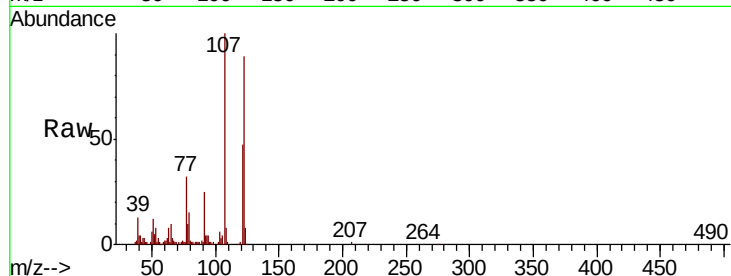
ClientSampleId :

LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 112.0 | 95.6  | 143.4 |
| 121     | 52.9  | 47.7  | 71.5  |

Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM



#28

bis(2-Chloroethoxy)methane

Concen: 10.095 ng

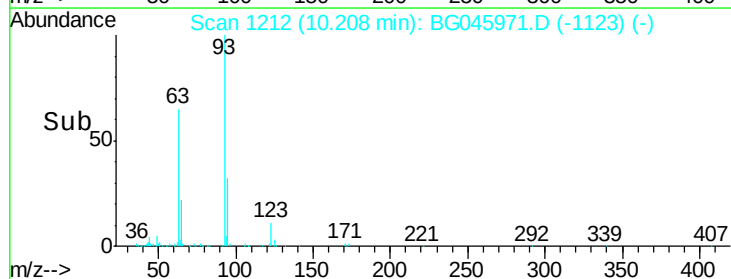
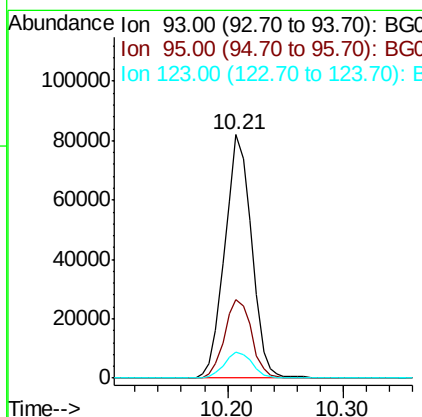
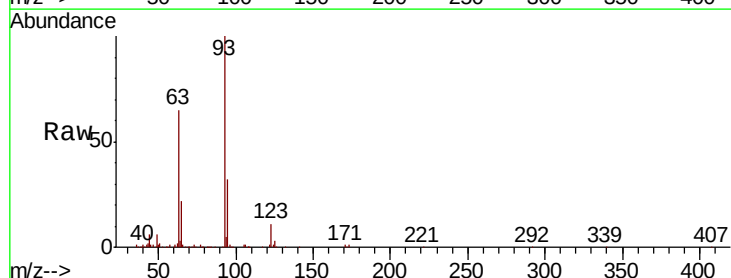
RT: 10.21 min Scan# 1212

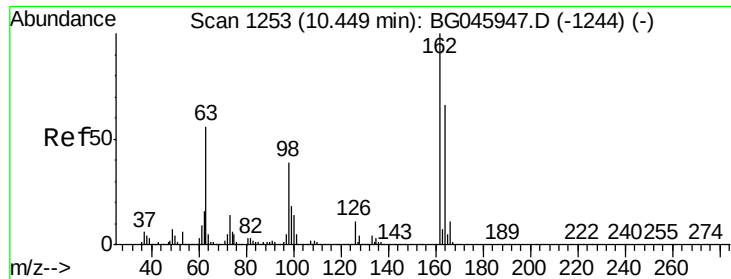
Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 27.5  | 41.3  |
| 123     | 10.7  | 9.2   | 13.8  |





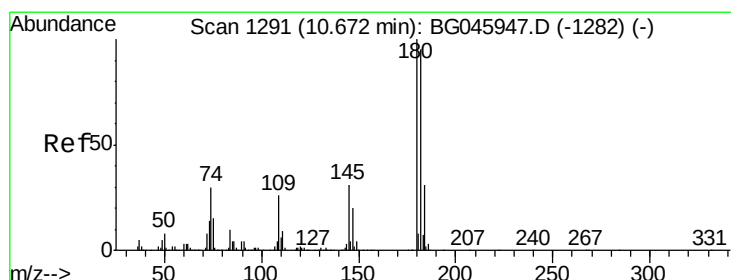
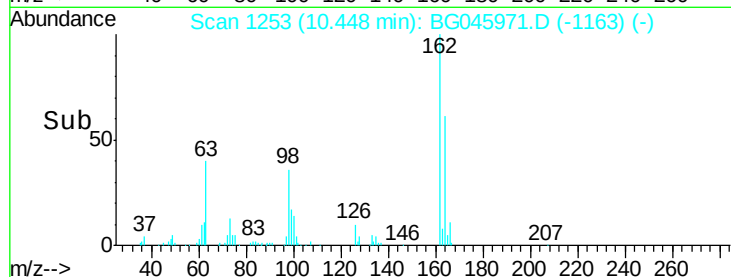
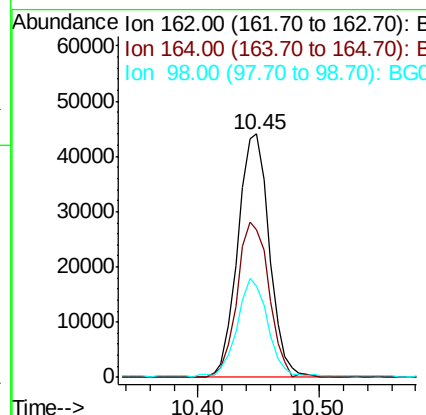
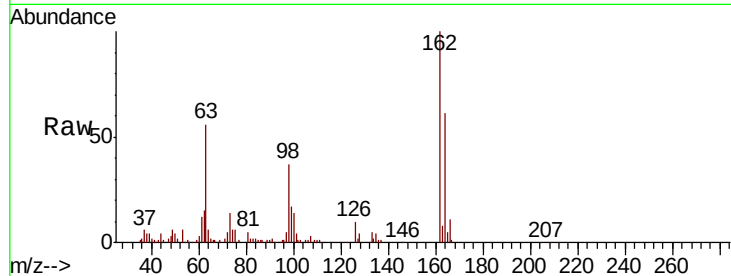
#29  
 2,4-Dichlorophenol  
 Concen: 9.383 ng  
 RT: 10.45 min Scan# 1253  
 Delta R.T. -0.00 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 162   | Resp: | 80460 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 60.5  | 46.0  | 86.0  |
| 98        | 37.4  | 19.2  | 59.2  |

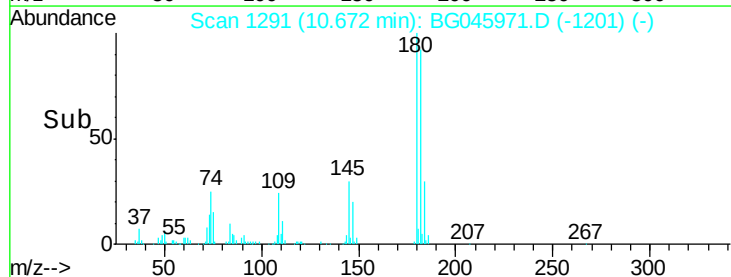
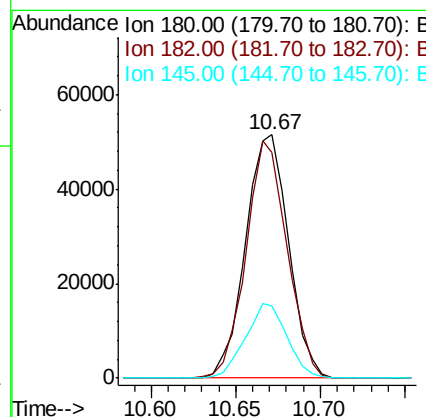
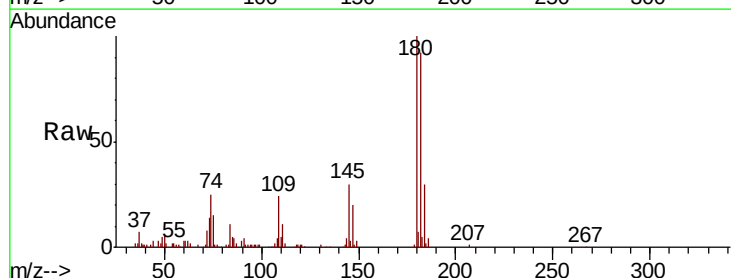
Manual Integrations  
 APPROVED

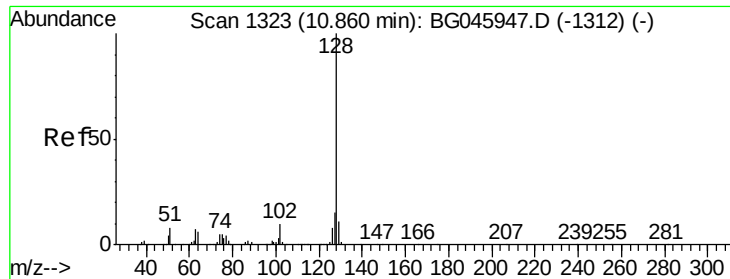
mohammad  
 7/9/2020 10:55:49 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 9.570 ng  
 RT: 10.67 min Scan# 1291  
 Delta R.T. -0.00 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 90928 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.5  | 76.3  | 114.5 |
| 145       | 29.9  | 24.8  | 37.2  |





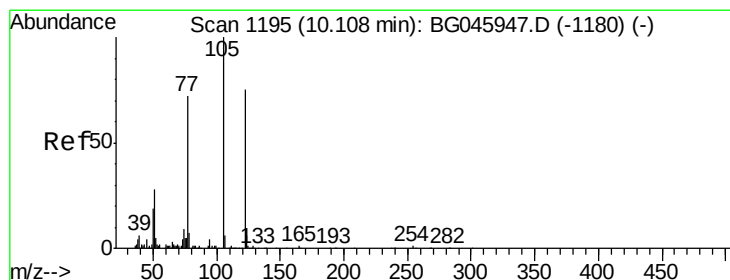
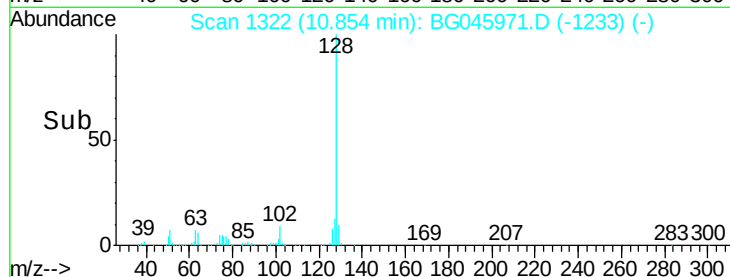
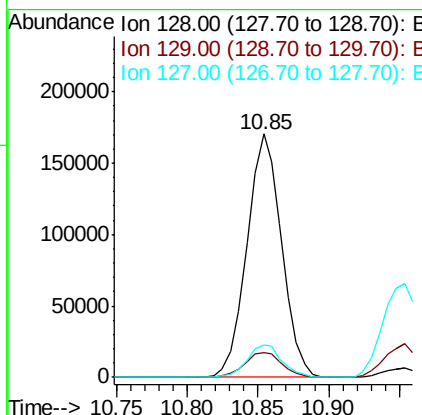
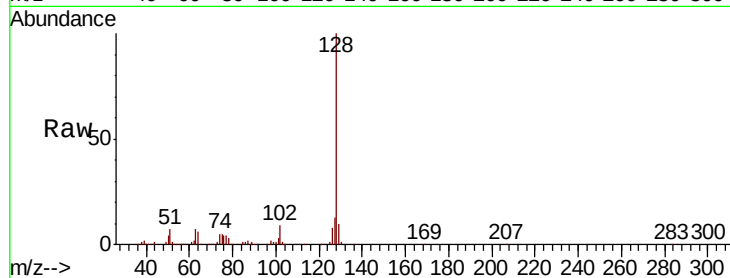
#31  
Naphthalene  
Concen: 9.954 ng  
RT: 10.85 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.3  | 9.2   | 13.8  |
| 127     | 13.5  | 11.8  | 17.6  |

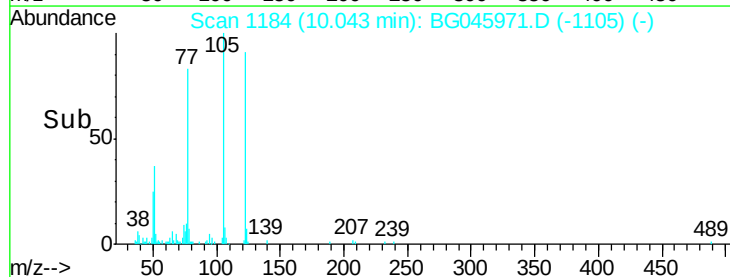
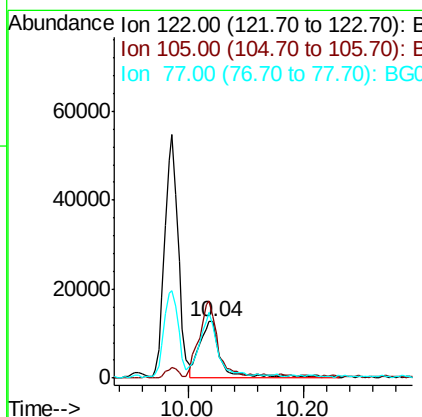
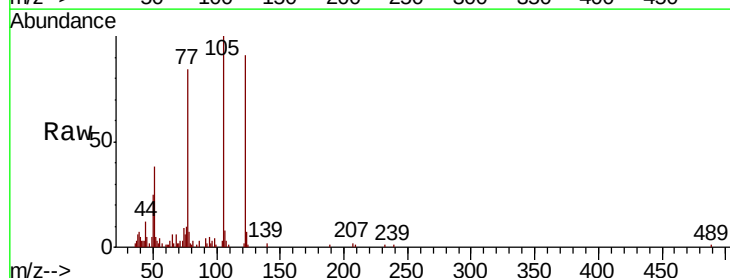
Manual Integrations  
APPROVED

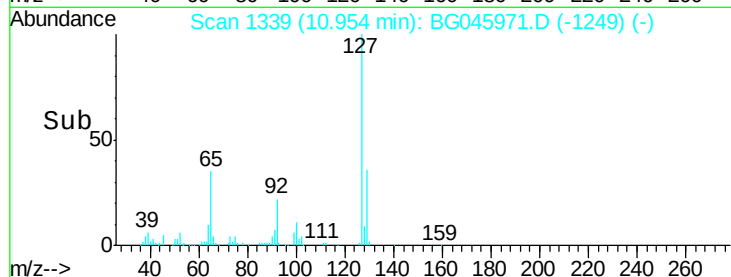
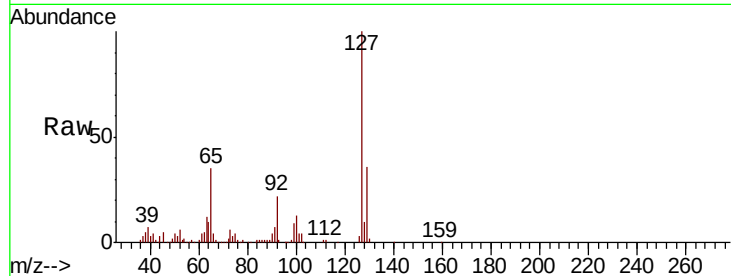
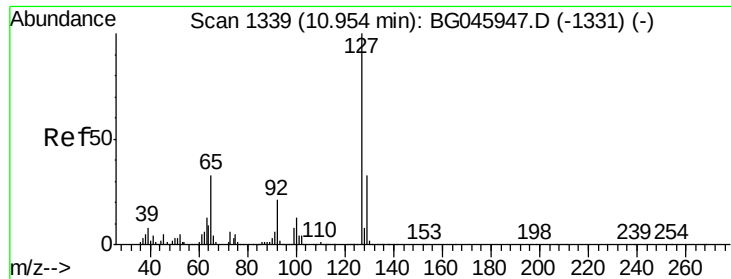
mohammad  
7/9/2020 10:55:49 AM



#32  
Benzoic acid  
Concen: 7.055 ng m  
RT: 10.04 min Scan# 1184  
Delta R.T. -0.06 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 109.9 | 110.8 | 150.8# |
| 77      | 92.4  | 76.4  | 116.4  |





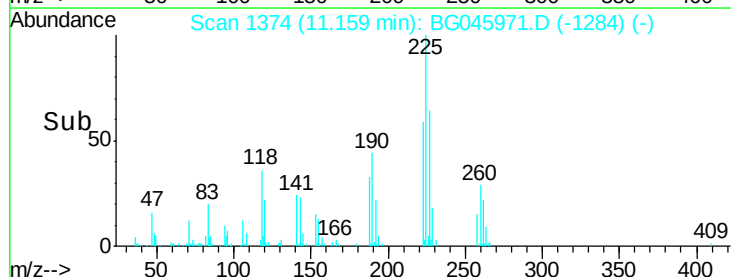
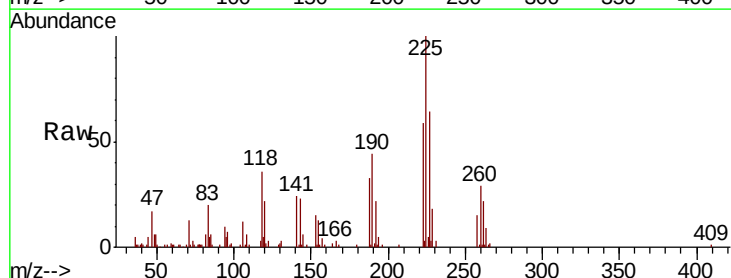
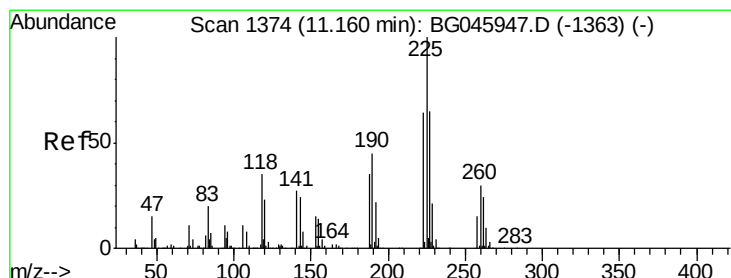
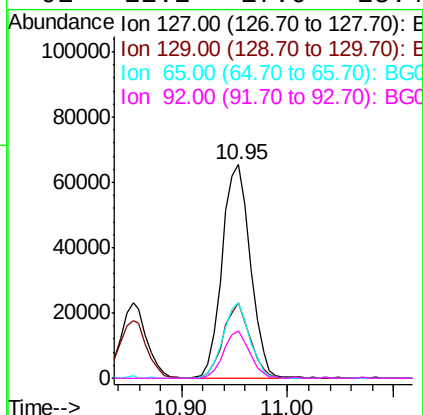
#33  
4-Chloroaniline  
Concen: 9.253 ng  
RT: 10.95 min Scan# 1339  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 121631 |       |       |
| 129     | 35.6 | 26.6  | 39.8   |       |       |
| 65      | 35.5 | 26.8  | 40.2   |       |       |
| 92      | 22.2 | 17.0  | 25.4   |       |       |

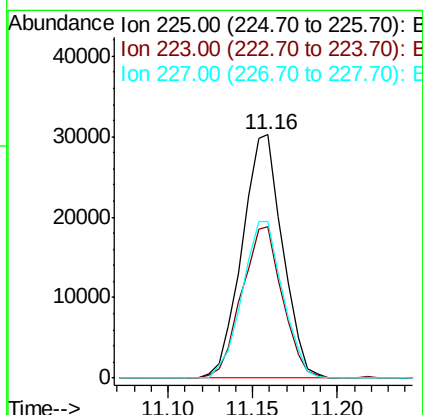
Manual Integrations  
APPROVED

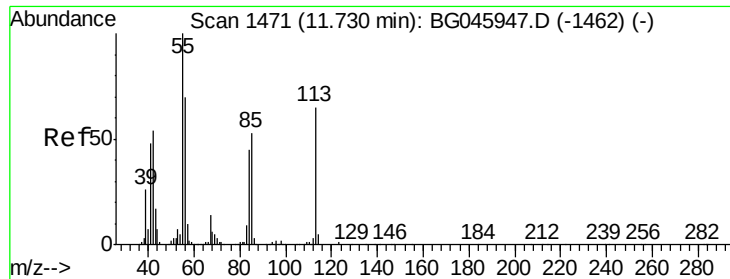
mohammad  
7/9/2020 10:55:49 AM



#34  
Hexachlorobutadiene  
Concen: 9.081 ng  
RT: 11.16 min Scan# 1374  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 50380 |       |       |
| 223     | 62.0 | 51.2  | 76.8  |       |       |
| 227     | 64.4 | 52.3  | 78.5  |       |       |





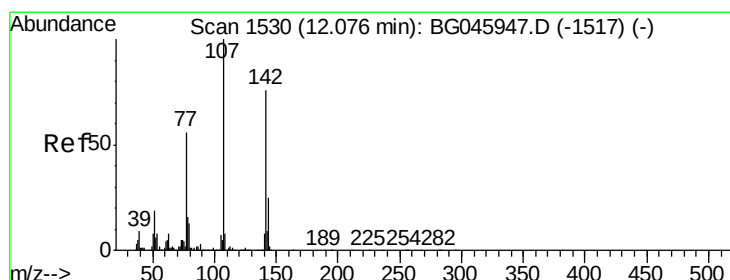
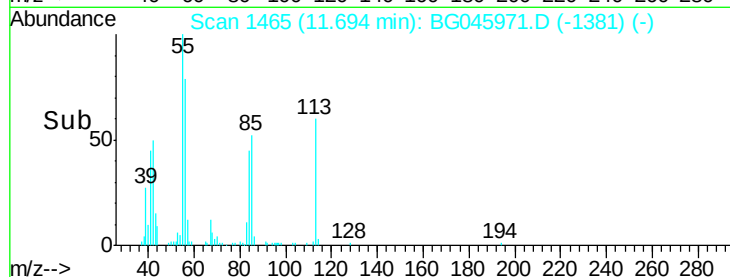
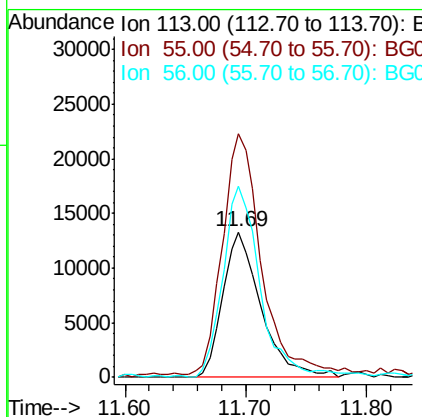
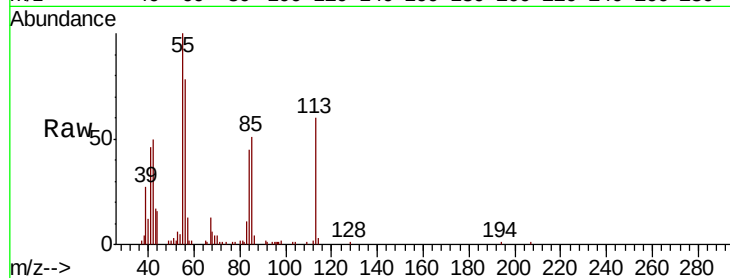
#35  
 Caprolactam  
 Concen: 8.952 ng  
 RT: 11.69 min Scan# 1465  
 Delta R.T. -0.04 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 167.3 | 141.6 | 181.6 |
| 56      | 131.0 | 89.6  | 129.6 |

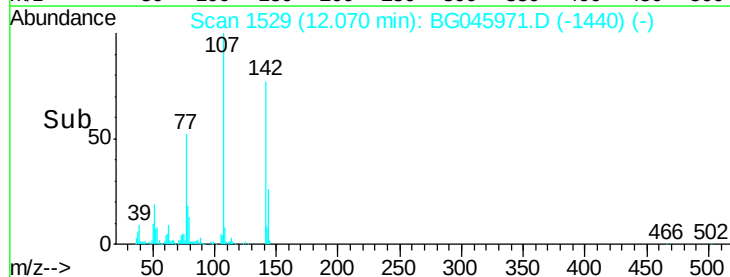
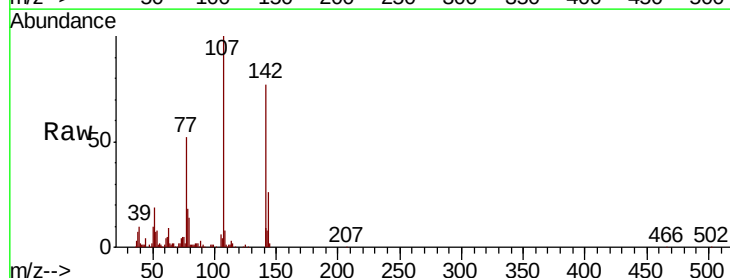
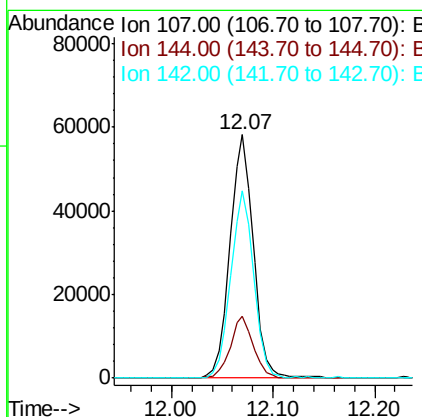
Manual Integrations  
 APPROVED

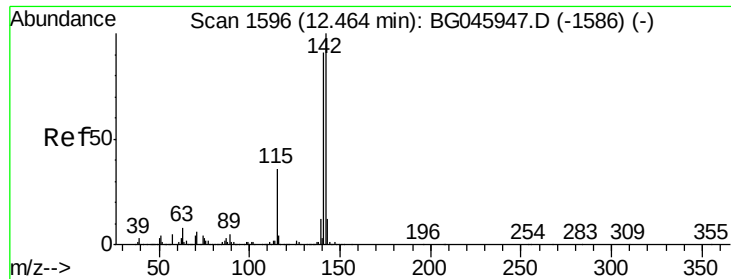
mohammad  
 7/9/2020 10:55:49 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 9.530 ng  
 RT: 12.07 min Scan# 1529  
 Delta R.T. -0.01 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.6  | 20.0  | 30.0  |
| 142     | 77.0  | 61.1  | 91.7  |





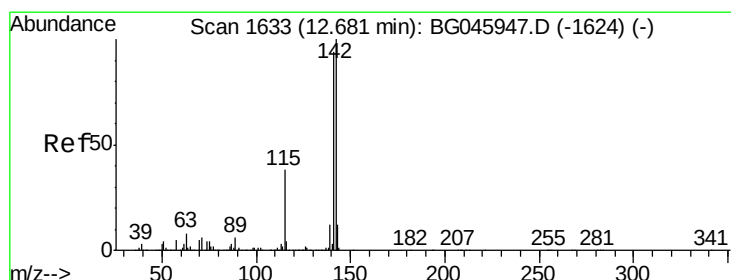
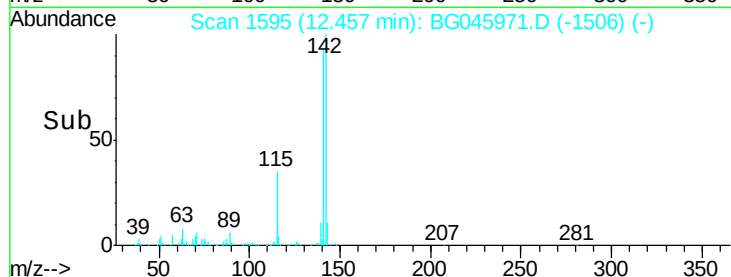
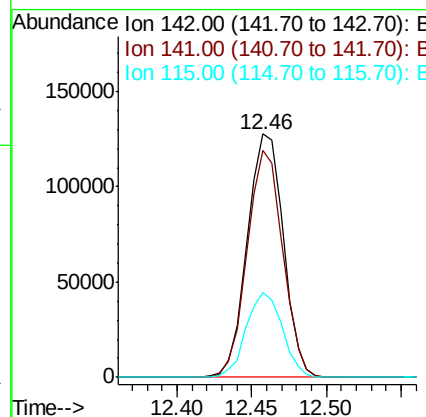
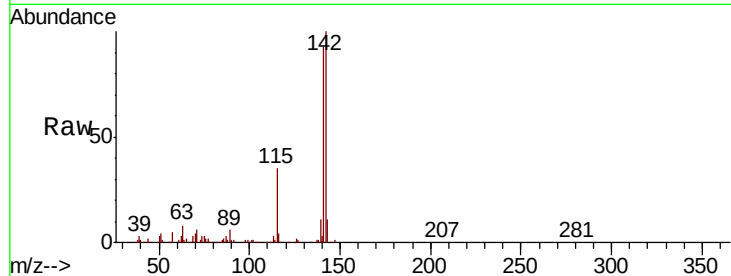
#37  
2-Methylnaphthalene  
Concen: 10.204 ng  
RT: 12.46 min Scan# 1595  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.4  | 73.0  | 109.6 |
| 115     | 34.8  | 28.8  | 43.2  |

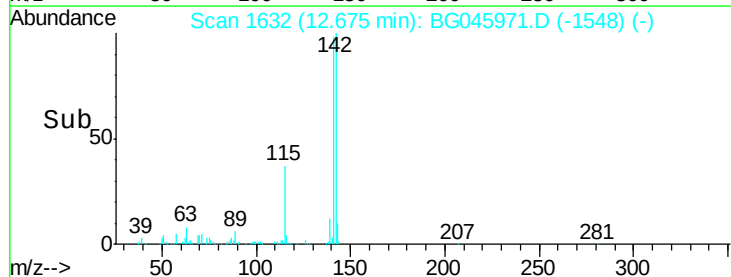
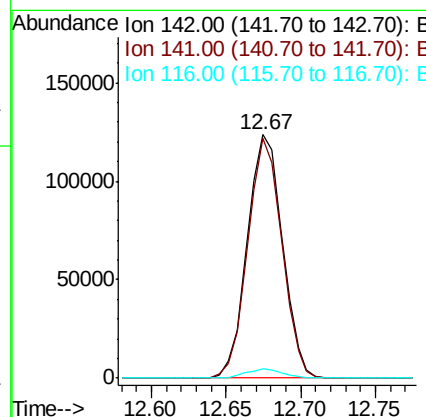
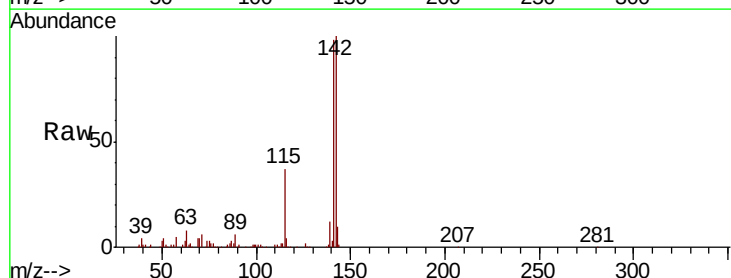
Manual Integrations  
APPROVED

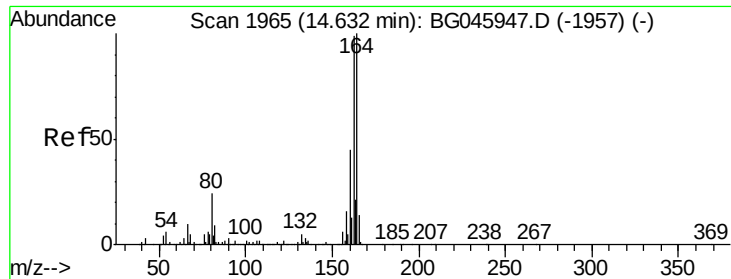
mohammad  
7/9/2020 10:55:49 AM



#38  
1-Methylnaphthalene  
Concen: 10.198 ng  
RT: 12.67 min Scan# 1632  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 98.4  | 75.2  | 112.8 |
| 116     | 3.8   | 3.1   | 4.7   |





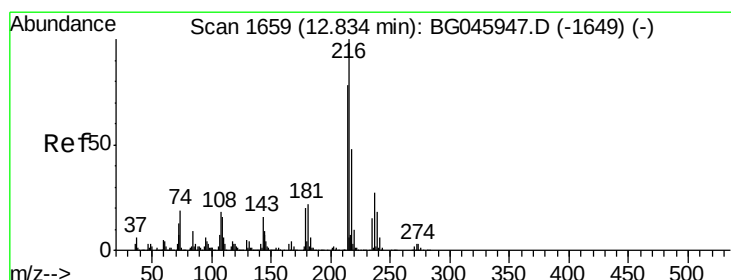
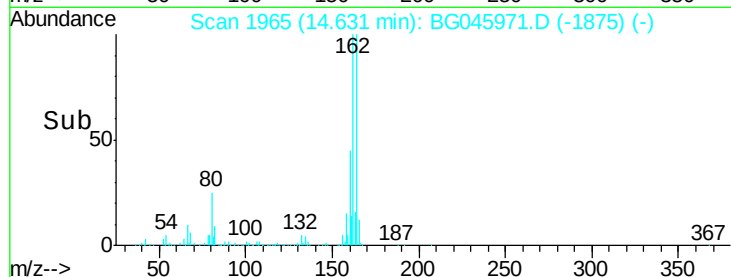
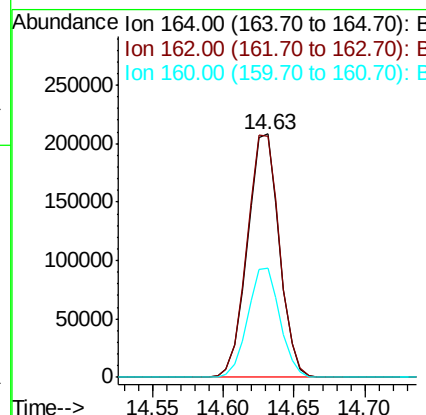
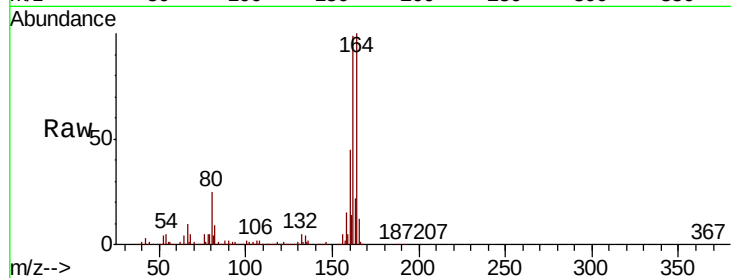
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.63 min Scan# 1965  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.2  | 79.3  | 118.9 |
| 160     | 44.8  | 35.7  | 53.5  |

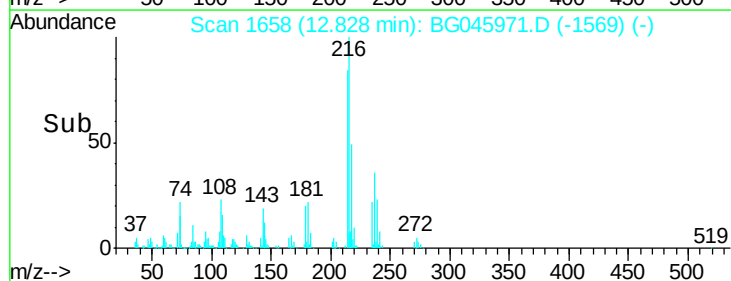
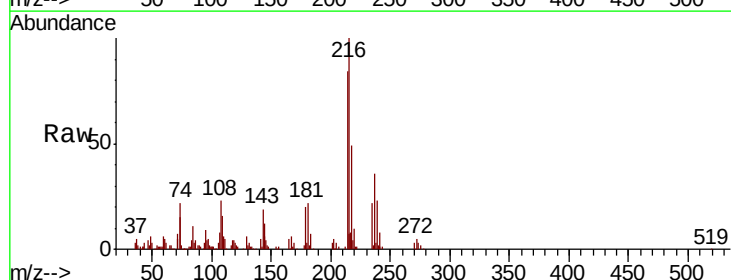
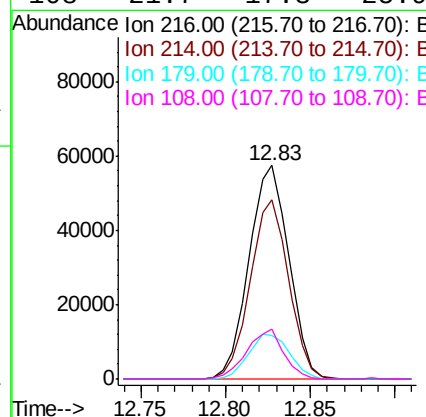
Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM

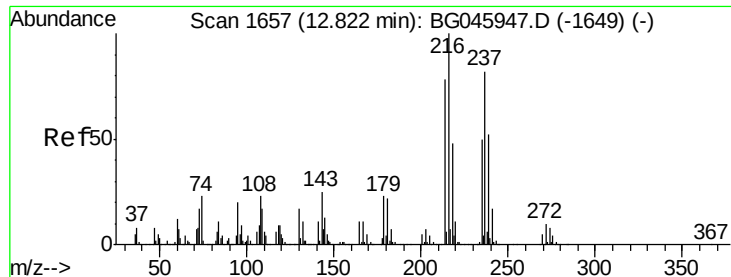


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 10.159 ng  
RT: 12.83 min Scan# 1658  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 81.2  | 63.0  | 94.4  |
| 179     | 21.6  | 17.0  | 25.6  |
| 108     | 21.7  | 17.3  | 25.9  |







#41

Hexachlorocyclopentadiene

Concen: 9.582 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA\_G

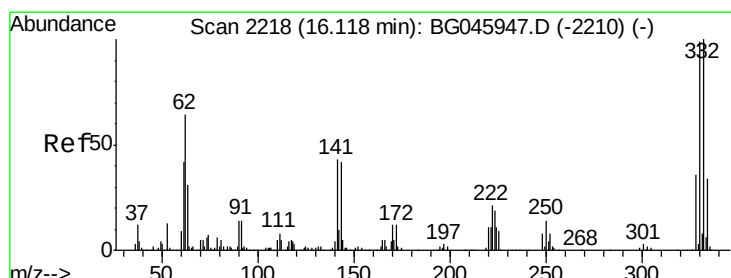
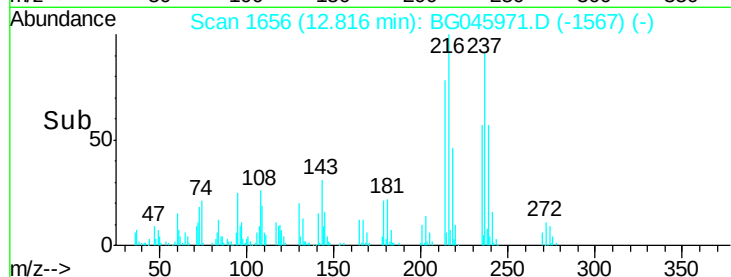
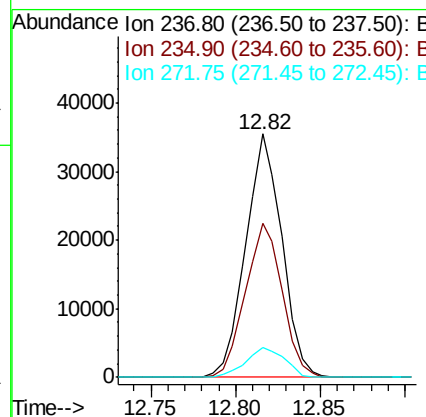
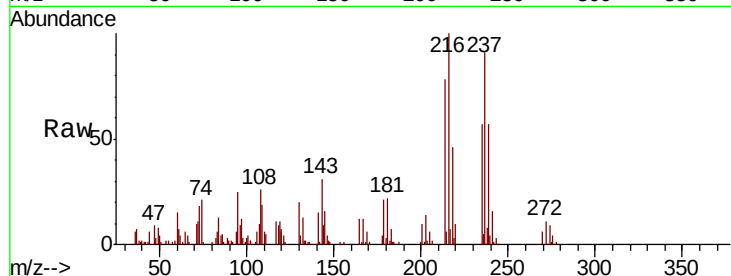
ClientSampleId :

LOQ-WATER-02-QT3-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 52723 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.4  | 41.5  | 81.5  |
| 272       | 12.3  | 0.0   | 31.7  |

Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM



#42

2,4,6-Tribromophenol

Concen: 176.404 ng

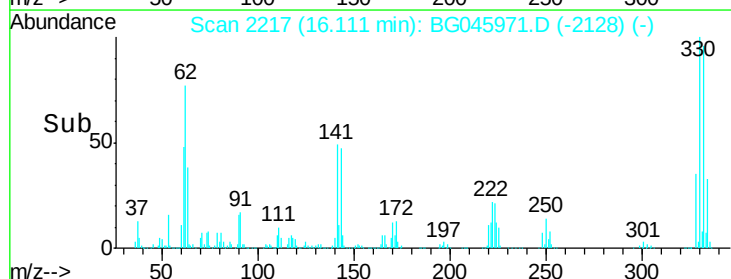
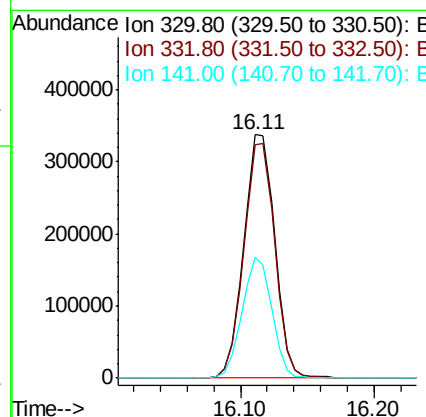
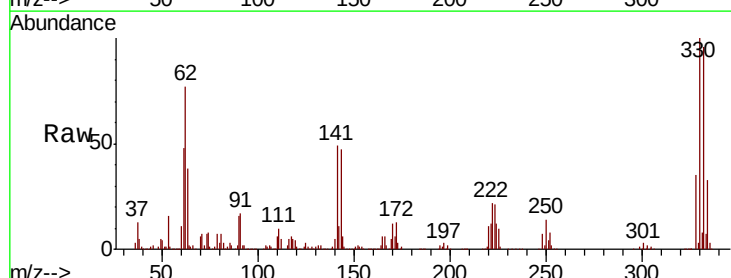
RT: 16.11 min Scan# 2217

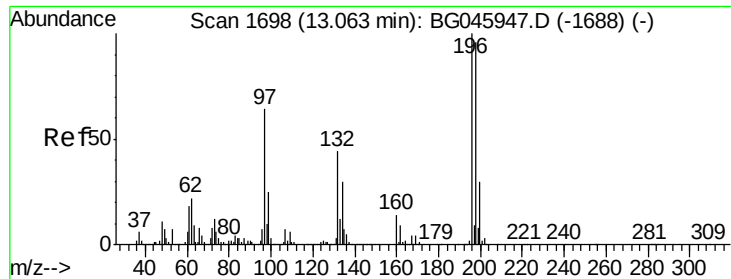
Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 538587 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.4  | 78.3  | 117.5  |
| 141       | 47.8  | 36.6  | 54.8   |





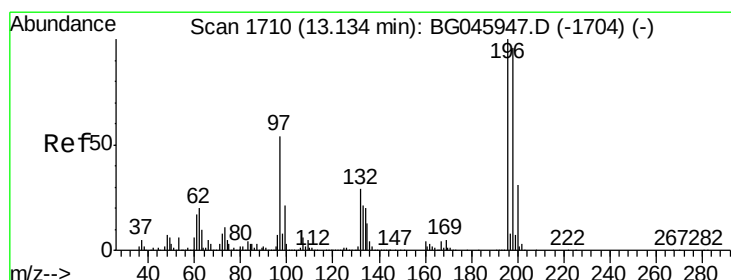
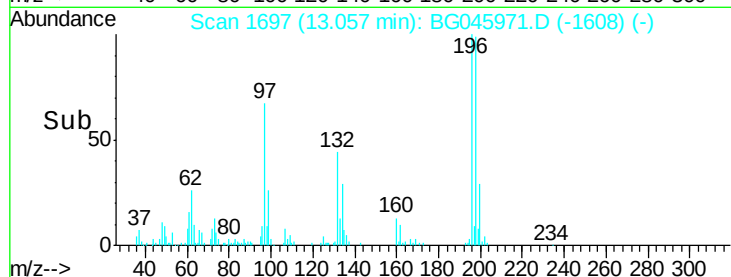
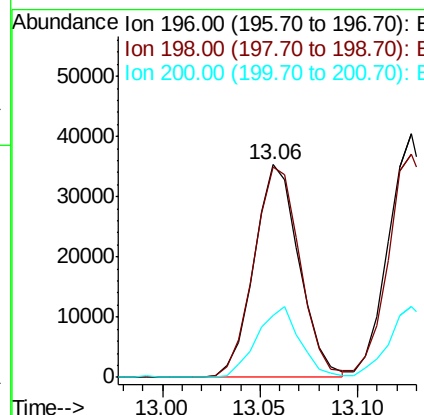
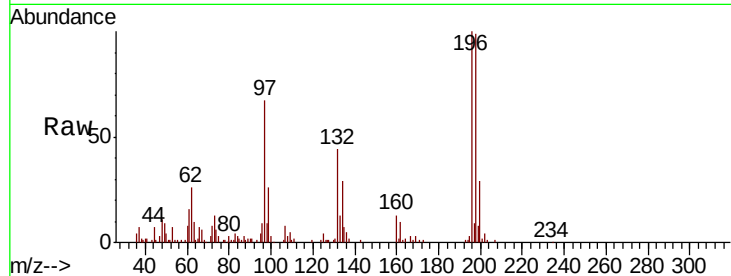
#43  
2,4,6-Trichlorophenol  
Concen: 8.990 ng  
RT: 13.06 min Scan# 1697  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 56378 |       |       |
| 198     | 99.1  | 76.7  | 115.1 |       |
| 200     | 29.0  | 24.3  | 36.5  |       |

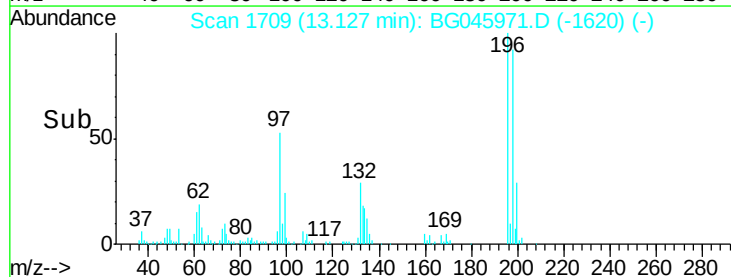
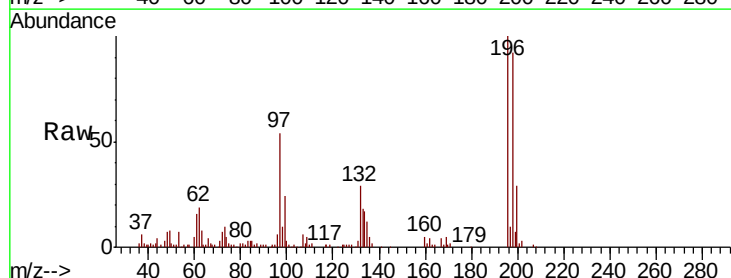
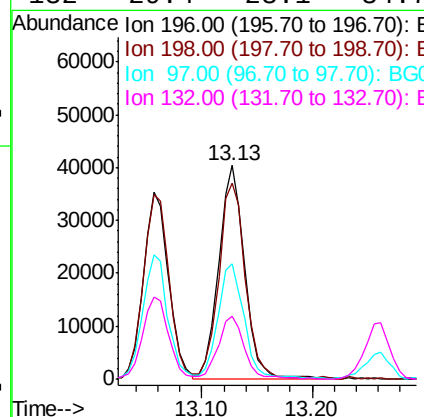
Manual Integrations  
APPROVED

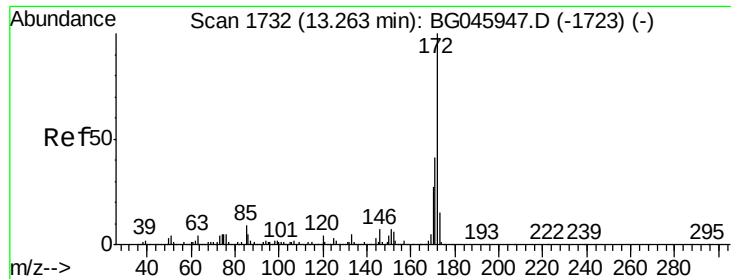
mohammad  
7/9/2020 10:55:49 AM



#44  
2,4,5-Trichlorophenol  
Concen: 9.255 ng  
RT: 13.13 min Scan# 1709  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 65625 |       |       |
| 198     | 91.7  | 77.0  | 115.6 |       |
| 97      | 53.7  | 44.3  | 66.5  |       |
| 132     | 29.4  | 23.1  | 34.7  |       |





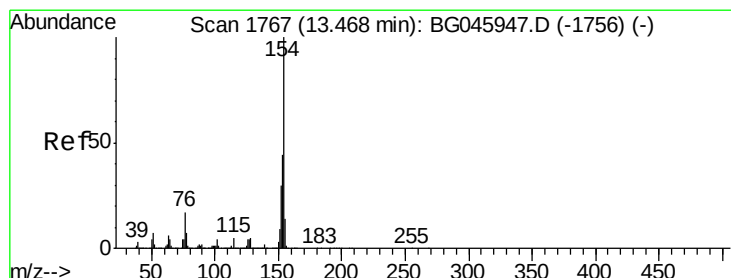
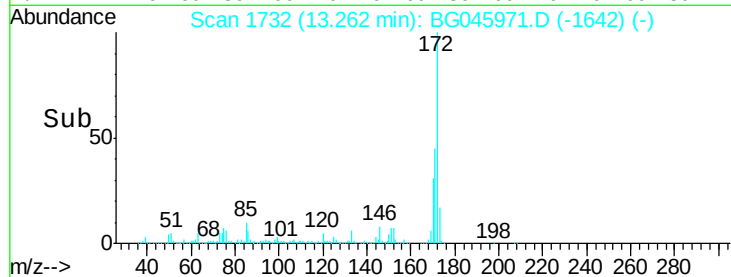
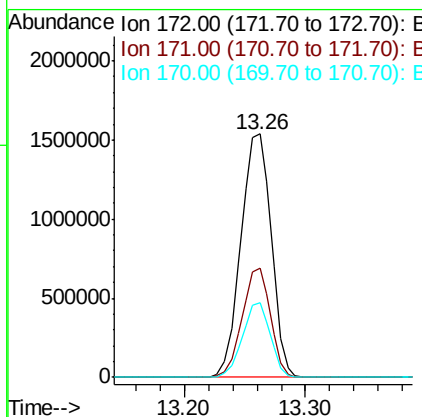
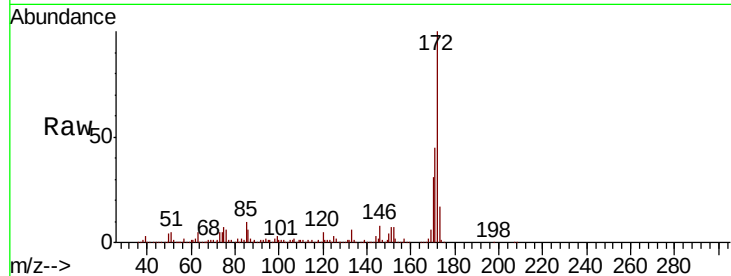
#45  
2-Fluorobiphenyl  
Concen: 127.922 ng  
RT: 13.26 min Scan# 1732  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 44.9  | 32.9  | 49.3  |
| 170     | 30.6  | 21.8  | 32.6  |

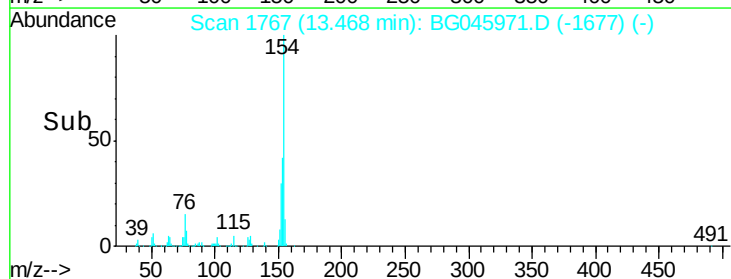
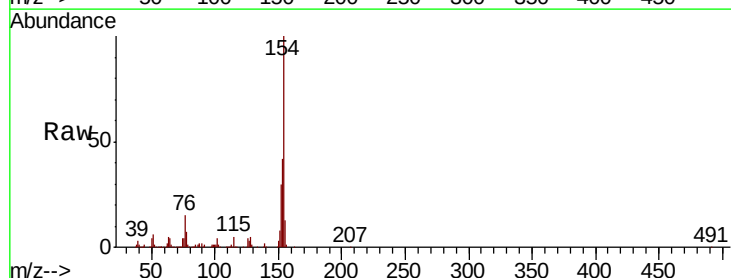
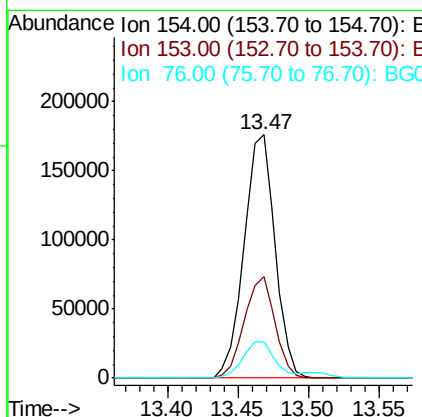
Manual Integrations  
APPROVED

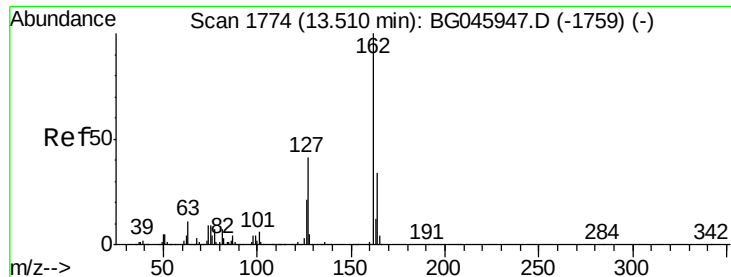
mohammad  
7/9/2020 10:55:49 AM



#46  
1,1'-Biphenyl  
Concen: 10.946 ng  
RT: 13.47 min Scan# 1767  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.8  | 23.6  | 63.6  |
| 76      | 15.0  | 0.0   | 36.9  |





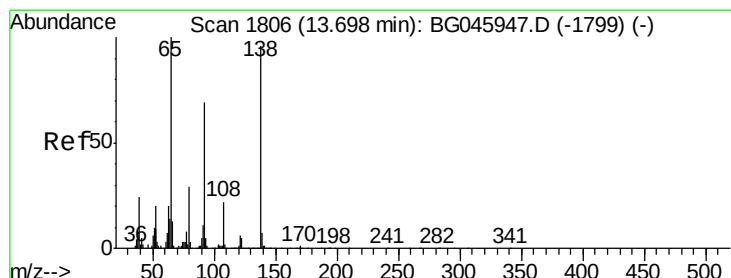
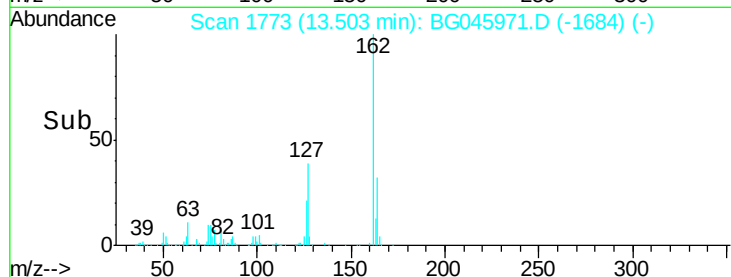
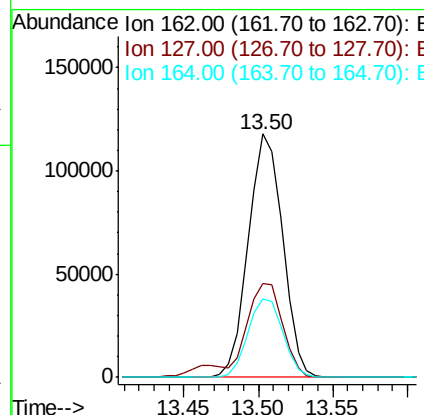
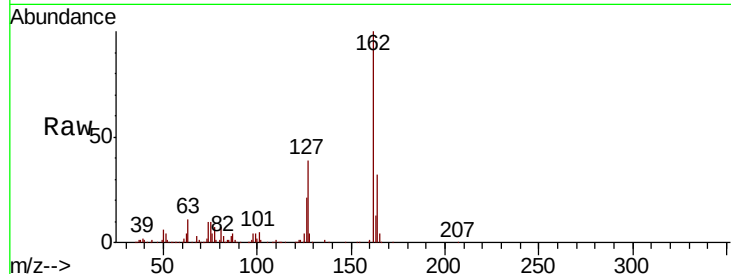
#47  
2-Chloronaphthalene  
Concen: 9.619 ng  
RT: 13.50 min Scan# 1773  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.8  | 32.5  | 48.7  |
| 164     | 32.5  | 27.2  | 40.8  |

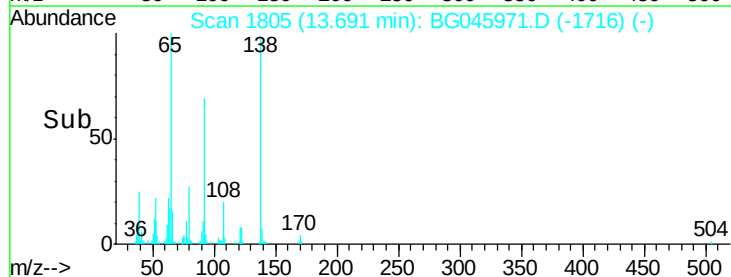
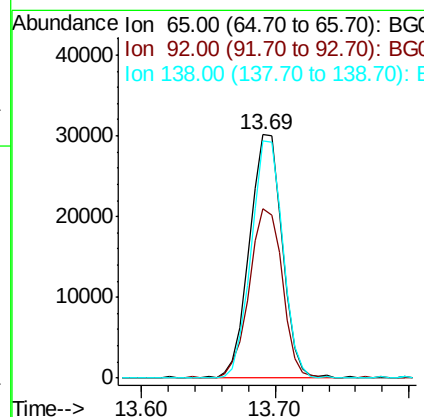
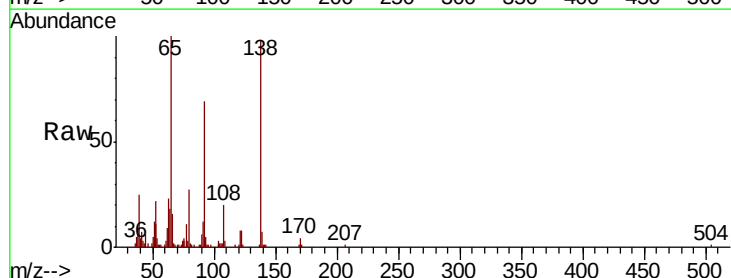
Manual Integrations  
APPROVED

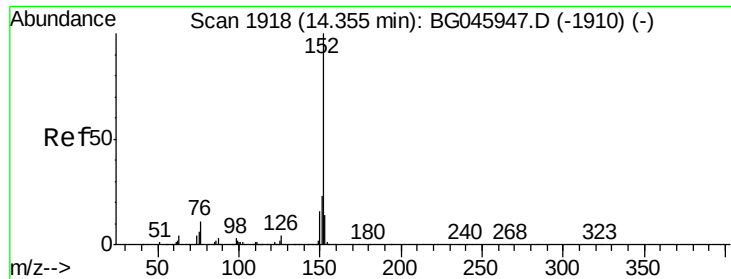
mohammad  
7/9/2020 10:55:49 AM



#48  
2-Nitroaniline  
Concen: 11.116 ng  
RT: 13.69 min Scan# 1805  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.4  | 55.4  | 83.0  |
| 138     | 97.5  | 77.0  | 115.4 |





#49

Acenaphthylene

Concen: 10.193 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA\_G

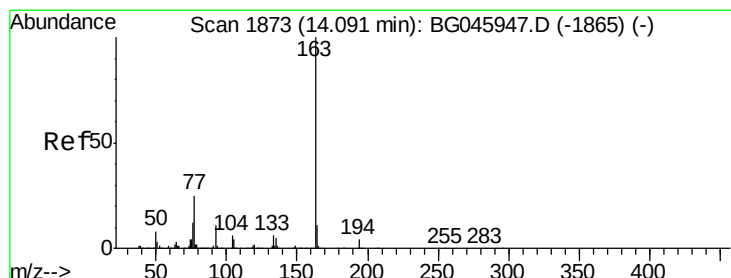
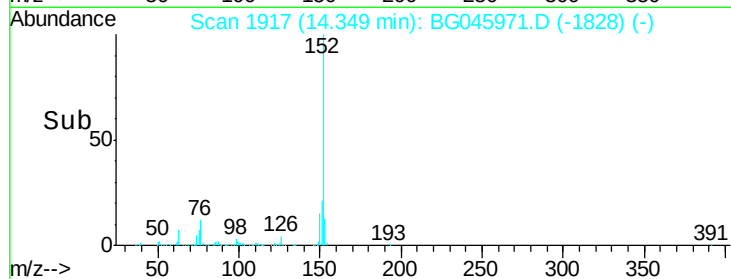
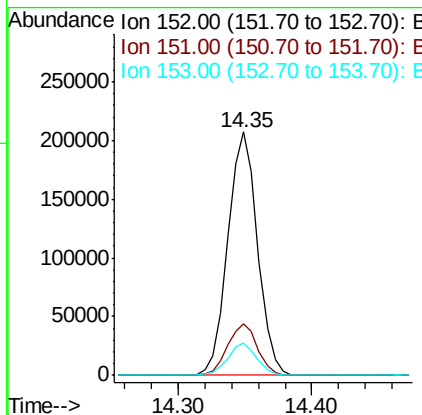
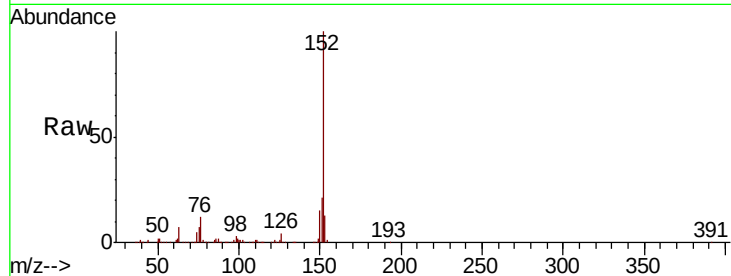
ClientSampleId :

LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.2  | 18.1  | 27.1  |
| 153     | 13.1  | 11.5  | 17.3  |

Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM



#50

Dimethylphthalate

Concen: 9.556 ng

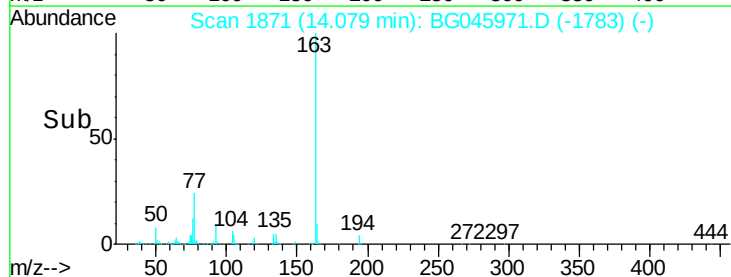
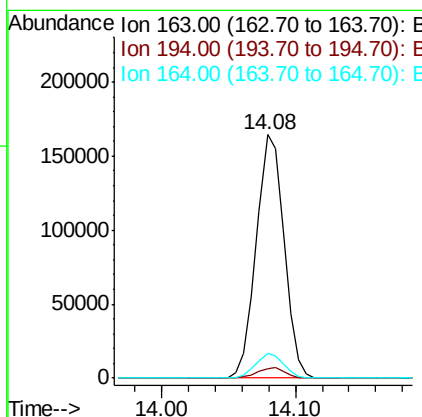
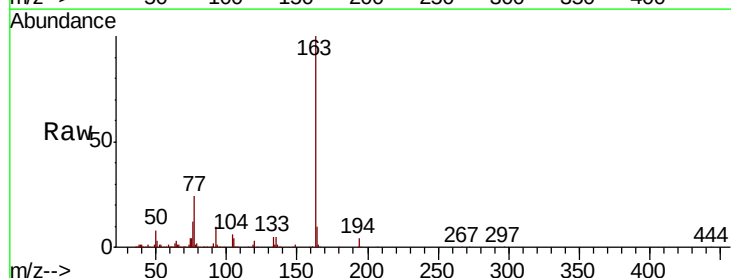
RT: 14.08 min Scan# 1871

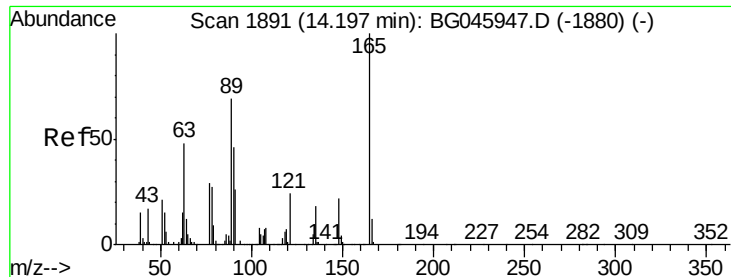
Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.7   | 3.6   | 5.4   |
| 164     | 10.2  | 8.9   | 13.3  |





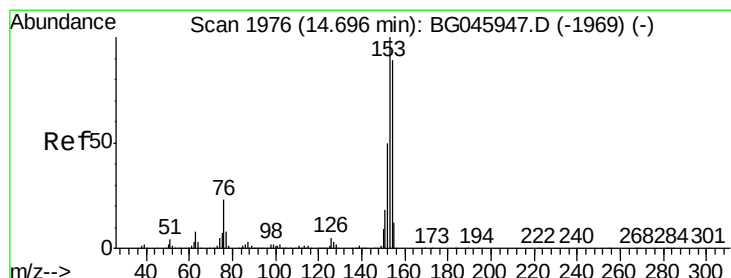
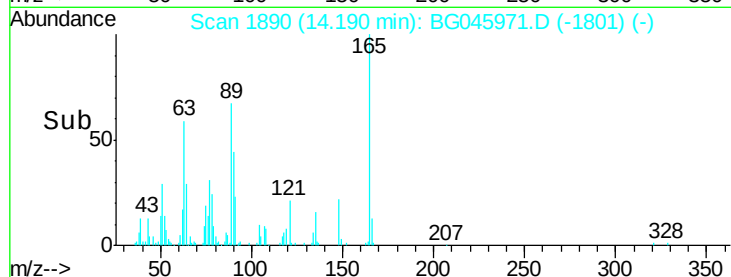
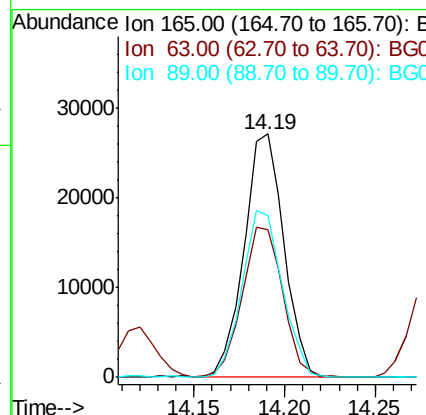
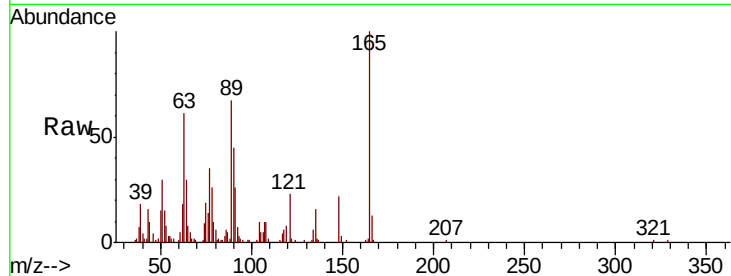
#51  
2,6-Dinitrotoluene  
Concen: 10.788 ng  
RT: 14.19 min Scan# 1890  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 60.8  | 51.0  | 76.4  |
| 89      | 66.5  | 55.7  | 83.5  |

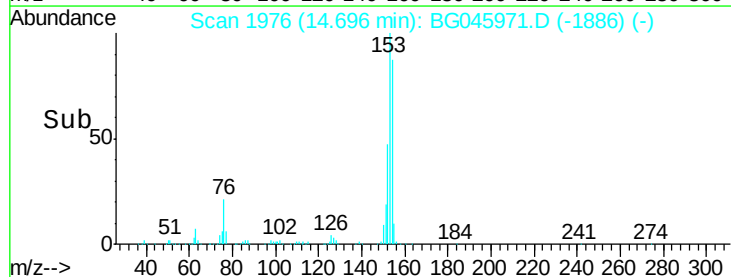
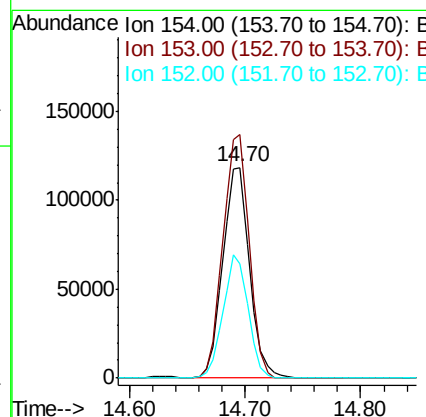
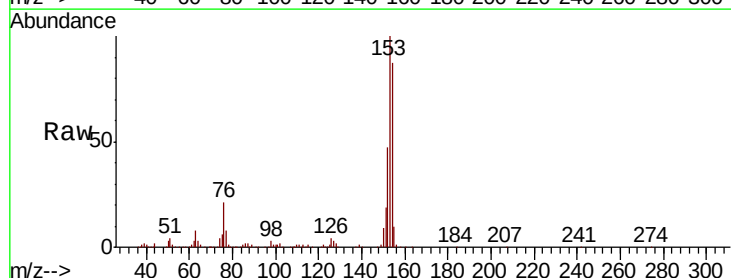
Manual Integrations  
APPROVED

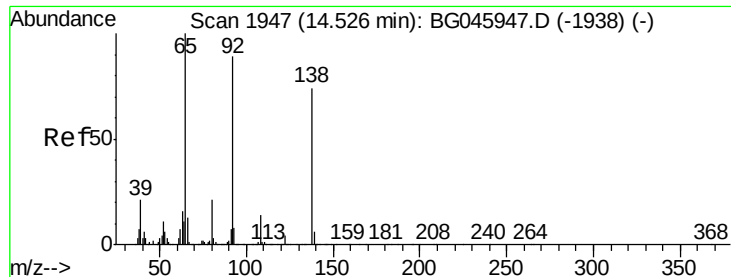
mohammad  
7/9/2020 10:55:49 AM



#52  
Acenaphthene  
Concen: 9.557 ng  
RT: 14.70 min Scan# 1976  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 115.6 | 89.7  | 134.5 |
| 152     | 54.6  | 44.7  | 67.1  |





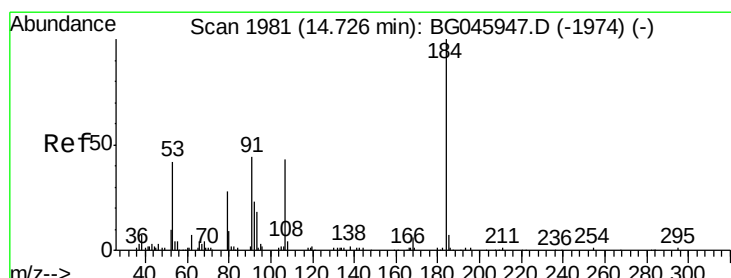
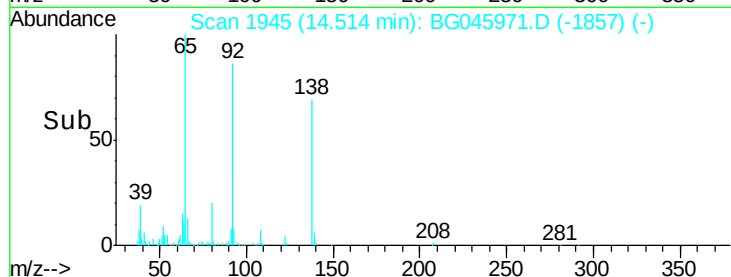
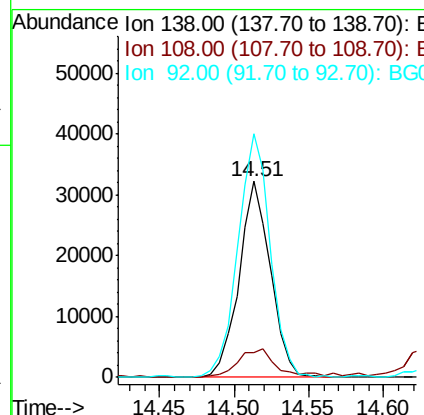
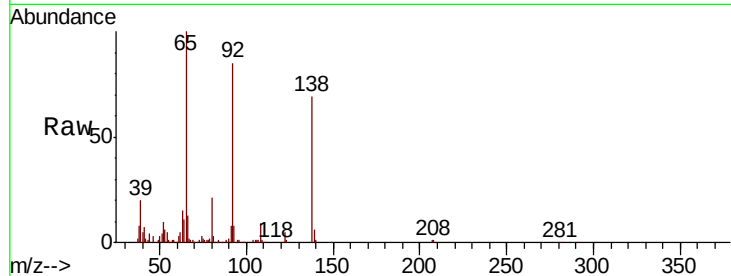
#53  
3-Nitroaniline  
Concen: 9.932 ng  
RT: 14.51 min Scan# 1945  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.6  | 15.4  | 23.2# |
| 92      | 124.1 | 95.9  | 143.9 |

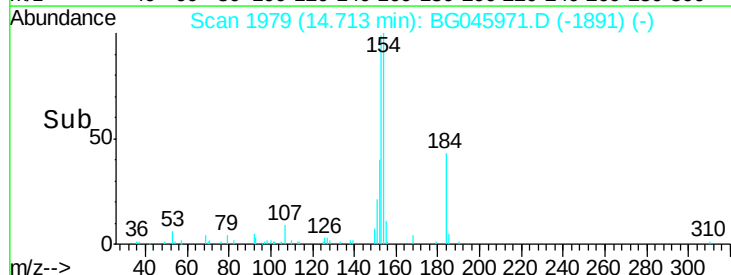
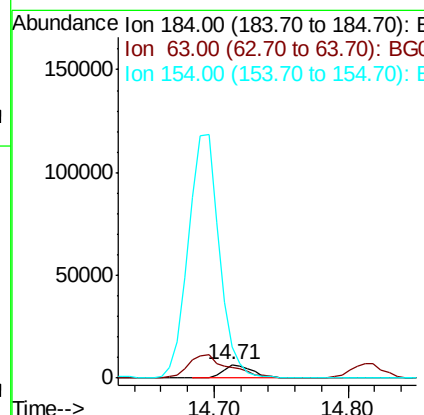
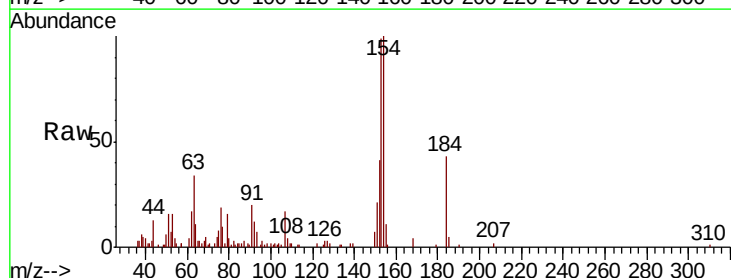
Manual Integrations  
APPROVED

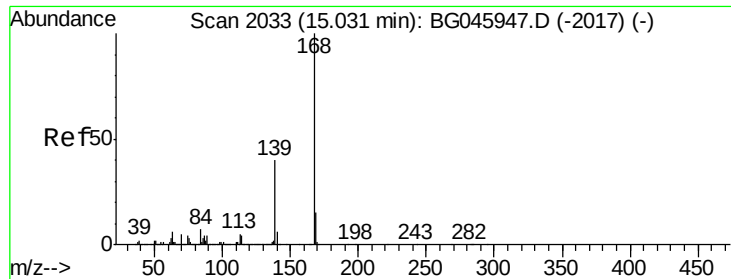
mohammad  
7/9/2020 10:55:49 AM



#54  
2,4-Dinitrophenol  
Concen: 7.843 ng  
RT: 14.71 min Scan# 1979  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 79.4  | 46.0  | 69.0# |
| 154     | 230.8 | 58.2  | 87.2# |





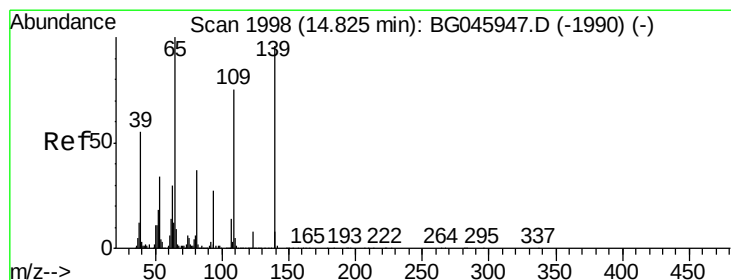
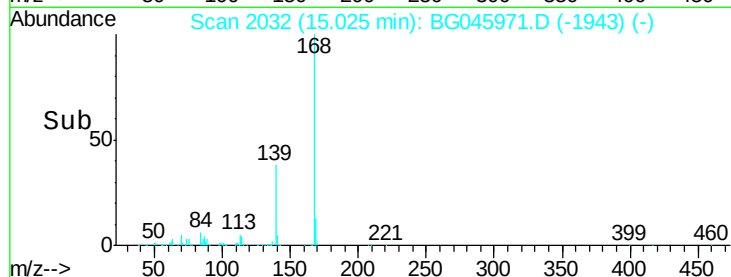
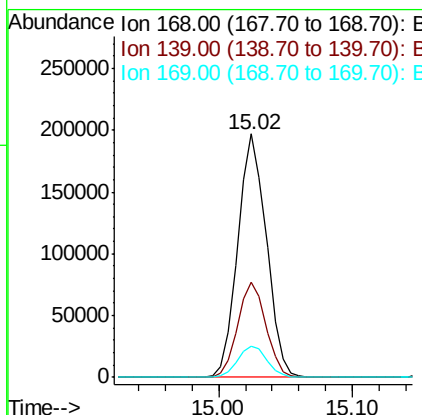
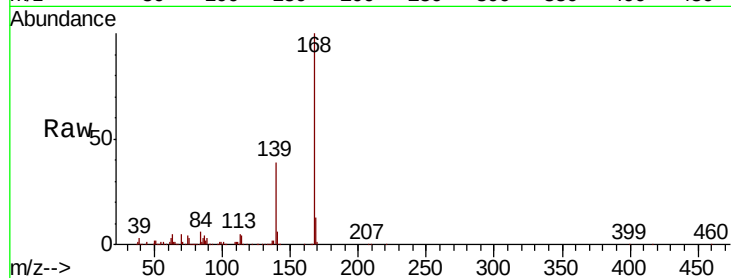
#55  
Dibenzofuran  
Concen: 9.995 ng  
RT: 15.02 min Scan# 2032  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.3  | 32.2  | 48.2  |
| 169     | 12.9  | 11.8  | 17.8  |

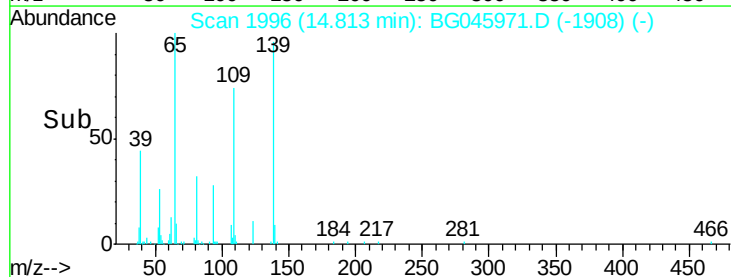
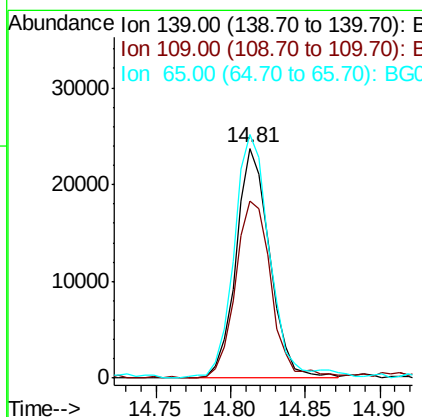
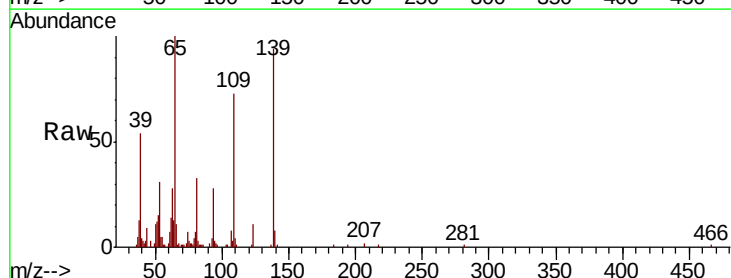
Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM

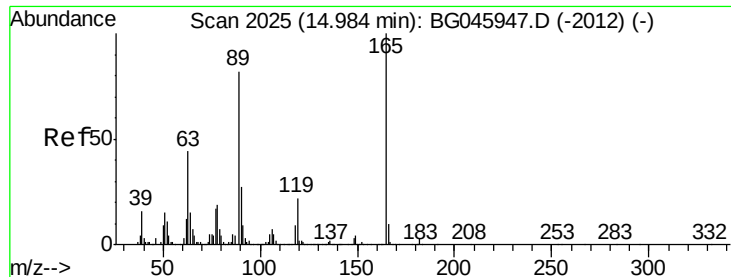


#56  
4-Nitrophenol  
Concen: 9.244 ng  
RT: 14.81 min Scan# 1996  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 77.1  | 58.5  | 98.5  |
| 65      | 105.9 | 84.7  | 124.7 |







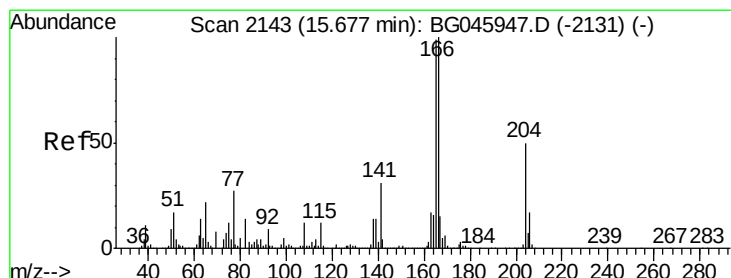
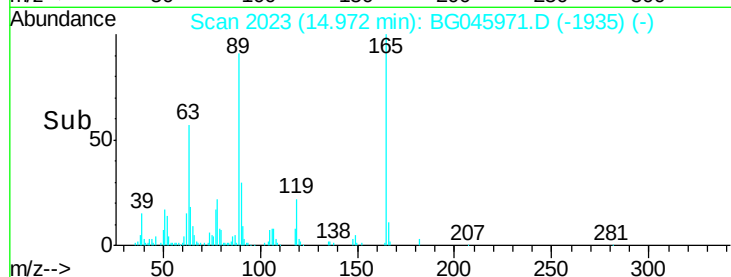
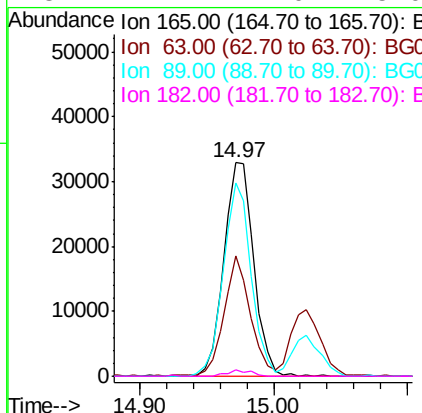
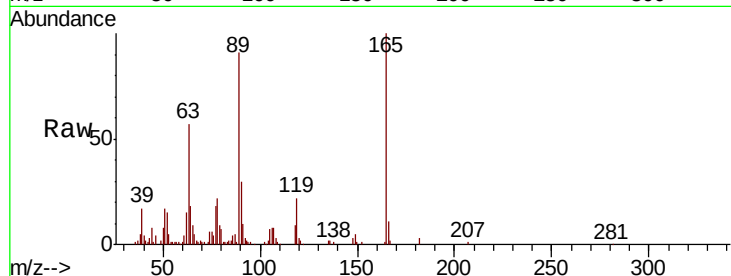
#57  
 2,4-Dinitrotoluene  
 Concen: 10.874 ng  
 RT: 14.97 min Scan# 2023  
 Delta R.T. -0.01 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 56.5  | 35.4  | 53.0  |
| 89      | 90.6  | 65.4  | 98.2  |
| 182     | 2.7   | 2.0   | 3.0   |

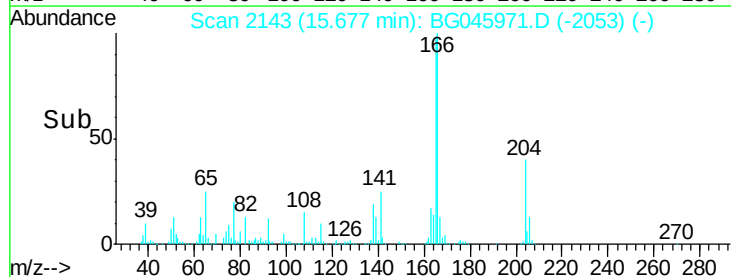
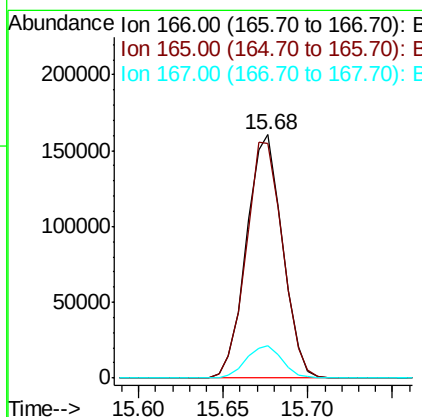
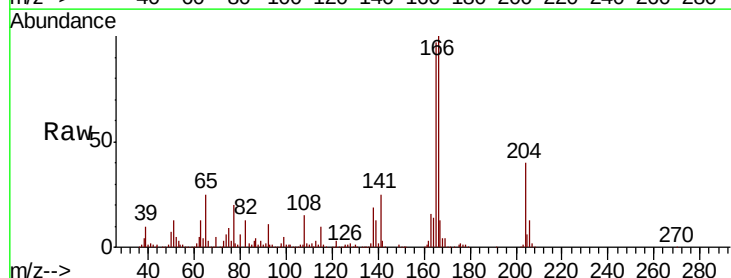
Manual Integrations  
 APPROVED

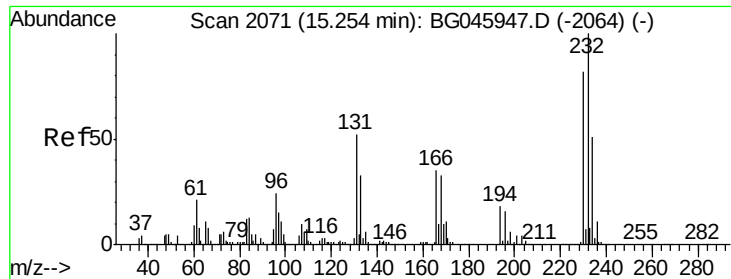
mohammad  
 7/9/2020 10:55:49 AM



#58  
 Fluorene  
 Concen: 9.966 ng  
 RT: 15.68 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.6  | 78.9  | 118.3 |
| 167     | 13.2  | 12.1  | 18.1  |





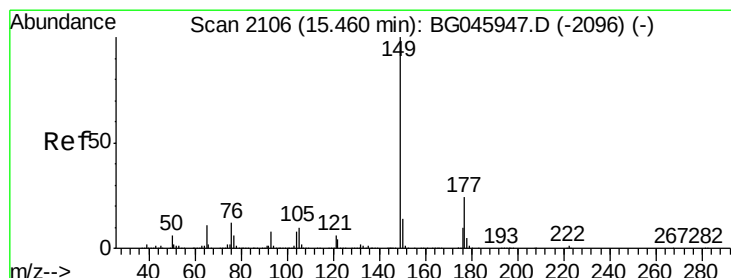
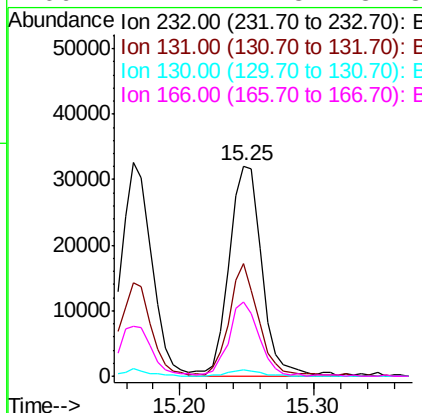
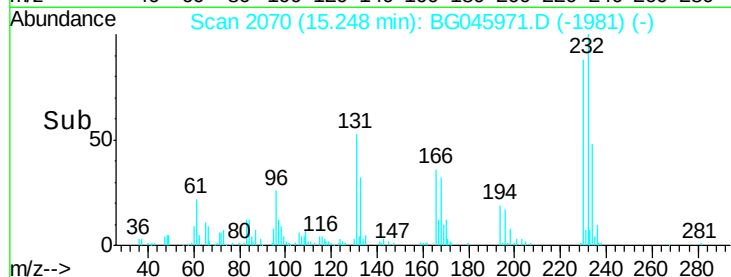
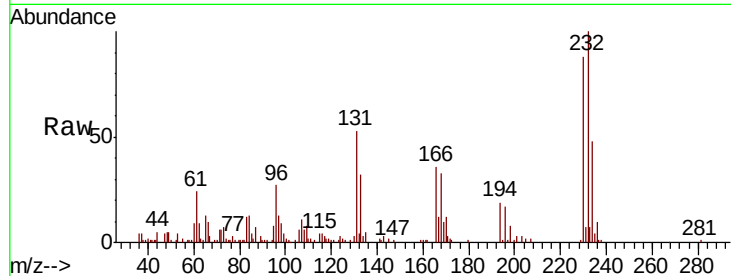
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 9.973 ng/ml  
 RT: 15.25 min Scan# 2070  
 Delta R.T. -0.01 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 54599 |       |       |
| 131     | 41.5  |       | 35.8  | 53.6  |
| 130     | 2.8   |       | 2.5   | 3.7   |
| 166     | 24.1  |       | 21.8  | 32.8  |

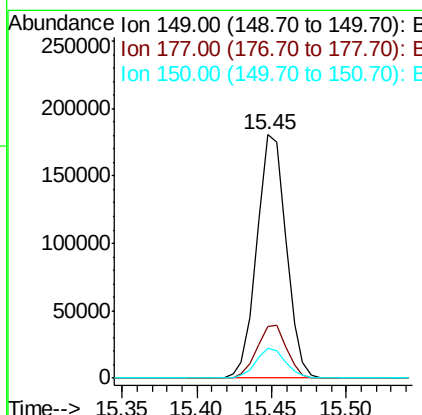
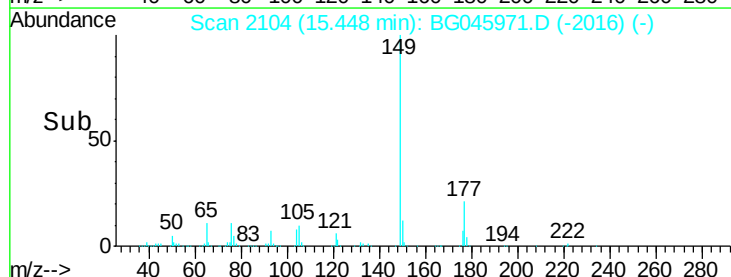
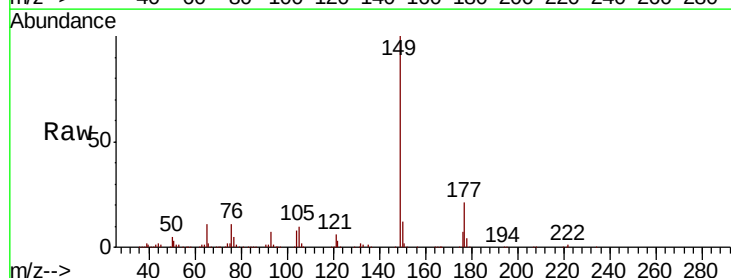
Manual Integrations  
 APPROVED

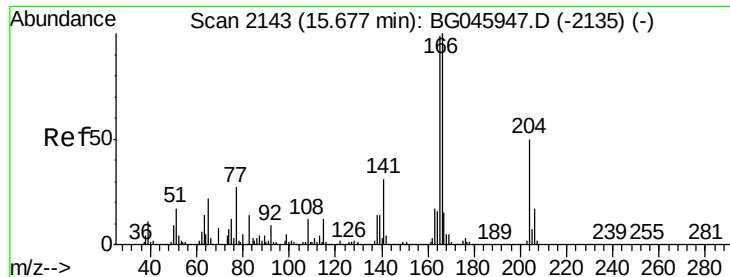
mohammad  
 7/9/2020 10:55:49 AM



#60  
 Diethylphthalate  
 Concen: 9.423 ng/ml  
 RT: 15.45 min Scan# 2104  
 Delta R.T. -0.01 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 243984 |       |       |
| 177     | 21.1  |        | 19.0  | 28.4  |
| 150     | 12.2  |        | 11.0  | 16.4  |





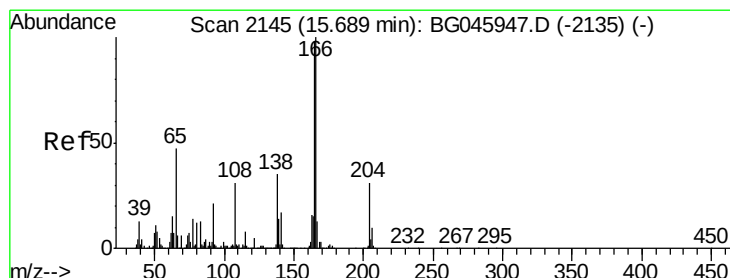
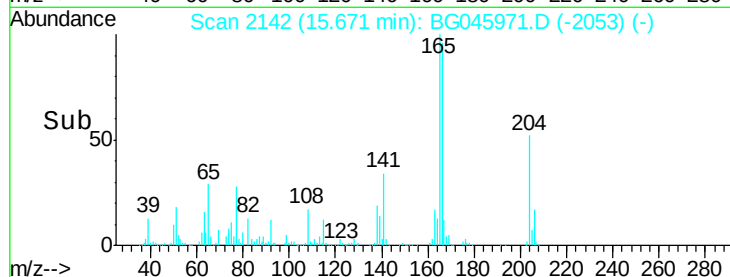
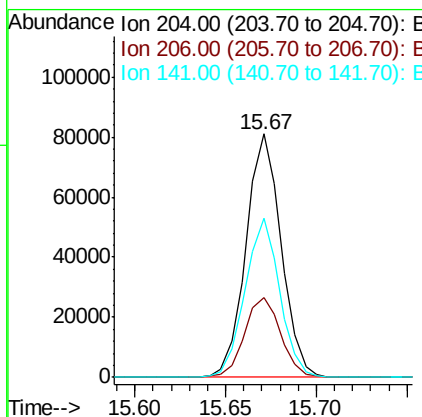
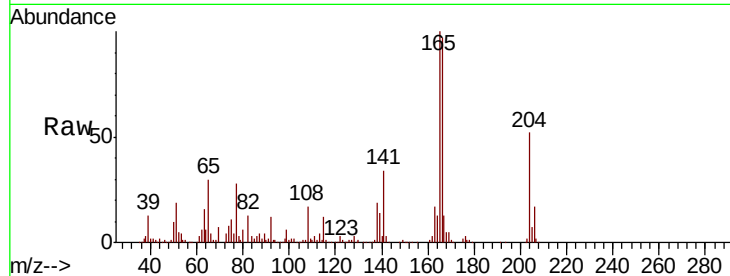
#61  
4-Chlorophenyl-phenylether  
Concen: 9.236 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 32.9  | 27.1 | 40.7  |       |
| 141     | 65.5  | 49.8 | 74.8  |       |

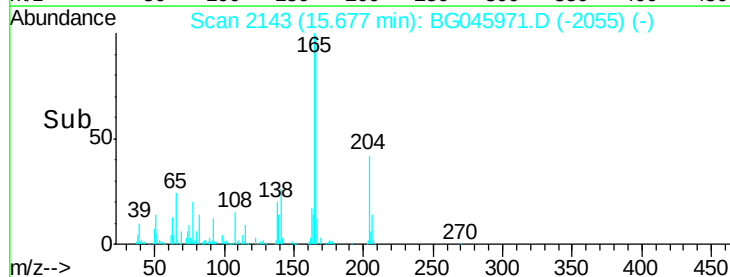
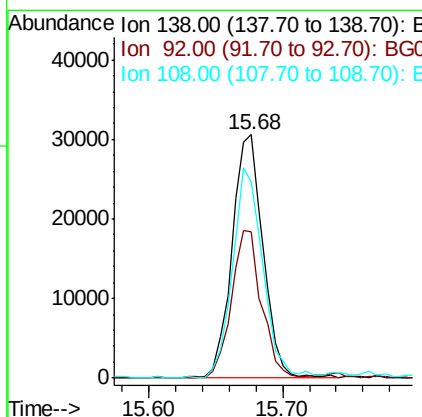
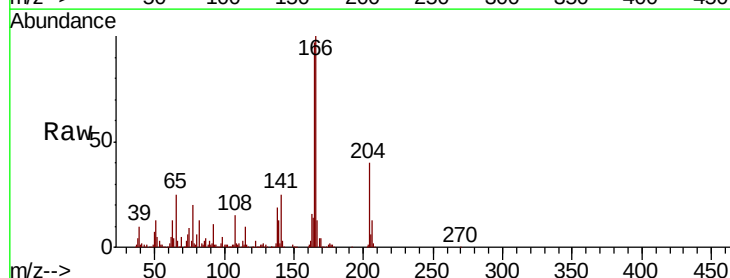
Manual Integrations  
APPROVED

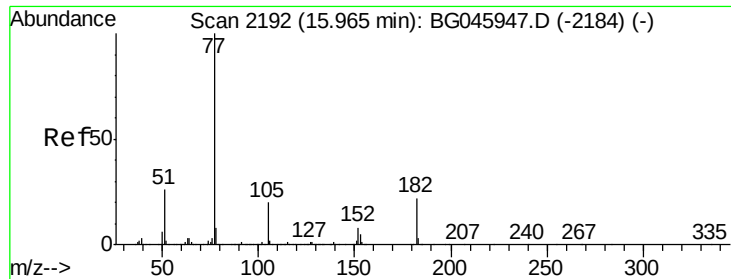
mohammad  
7/9/2020 10:55:49 AM



#62  
4-Nitroaniline  
Concen: 9.658 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 59.8  | 40.3 | 80.3  |       |
| 108     | 80.8  | 68.0 | 108.0 |       |





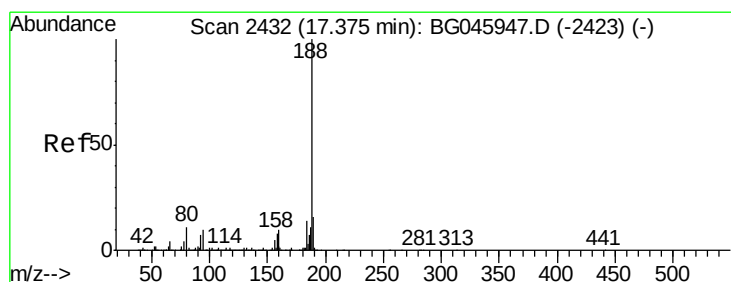
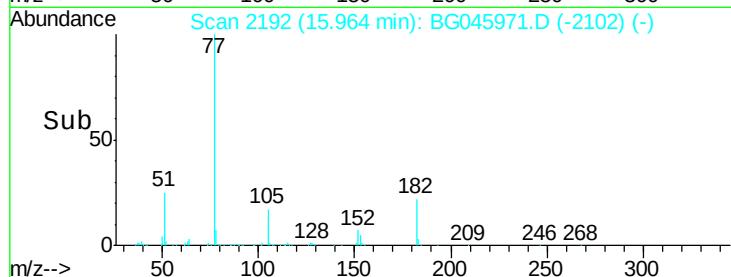
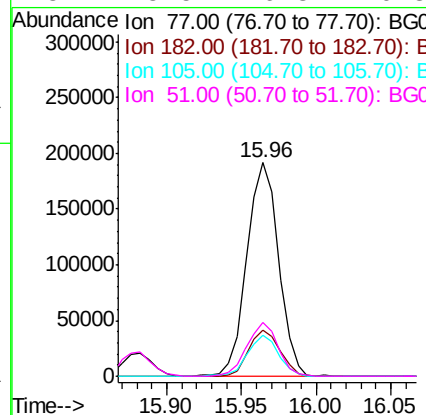
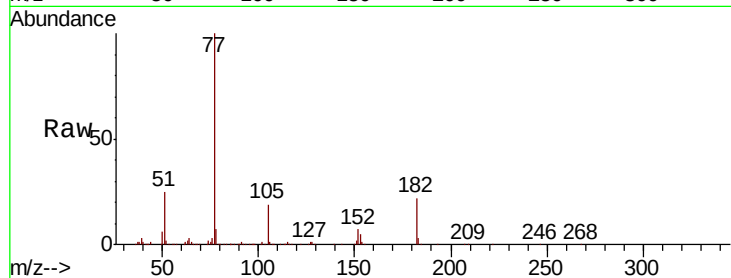
#63  
Azobenzene  
Concen: 10.130 ng  
RT: 15.96 min Scan# 2192  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 77      | 100  |       |      |       |       |
| 182     | 21.7 | 2.4   | 42.4 |       |       |
| 105     | 19.4 | 0.3   | 40.3 |       |       |
| 51      | 25.5 | 6.3   | 46.3 |       |       |

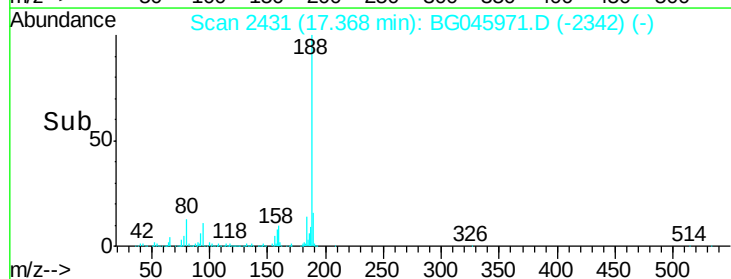
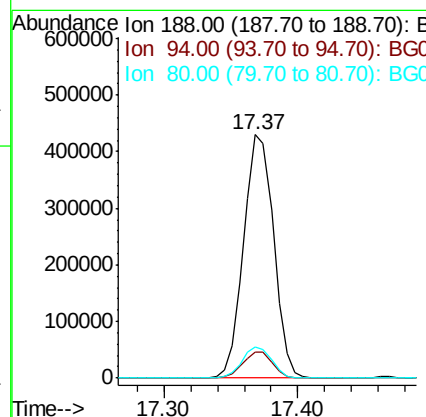
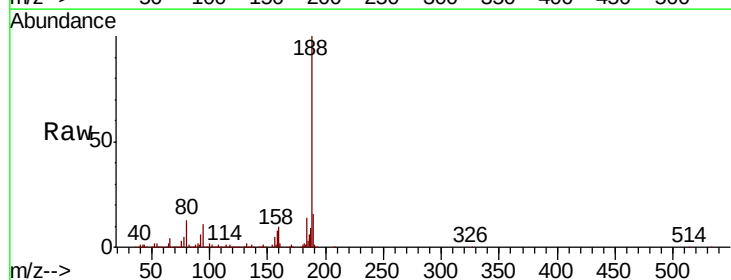
Manual Integrations  
APPROVED

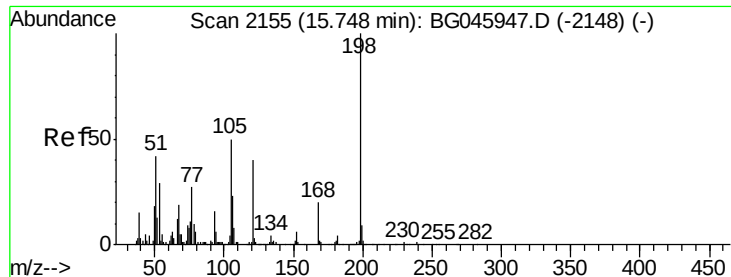
mohammad  
7/9/2020 10:55:49 AM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.37 min Scan# 2431  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 188     | 100  |       |      |       |       |
| 94      | 10.8 | 8.2   | 12.4 |       |       |
| 80      | 12.6 | 9.0   | 13.6 |       |       |





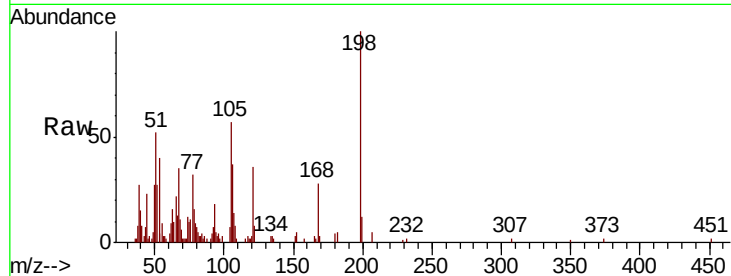
#65  
4,6-Dinitro-2-methylphenol  
Concen: 8.888 ng  
RT: 15.74 min Scan# 2154  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 17341 |       |       |
| 51      | 51.9  | 24.5  | 64.5  |       |
| 105     | 56.7  | 30.9  | 70.9  |       |

Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM

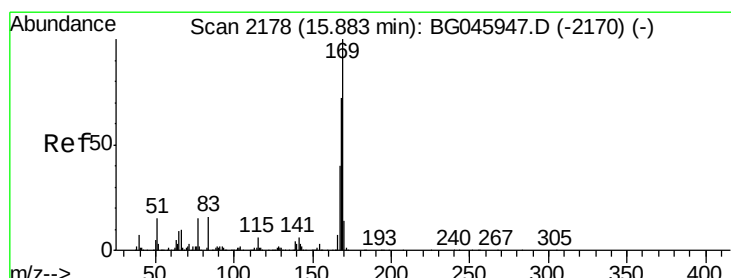
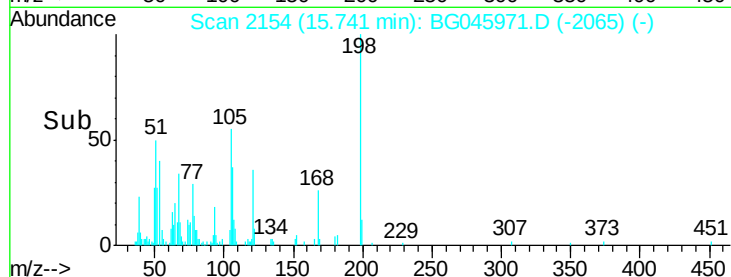
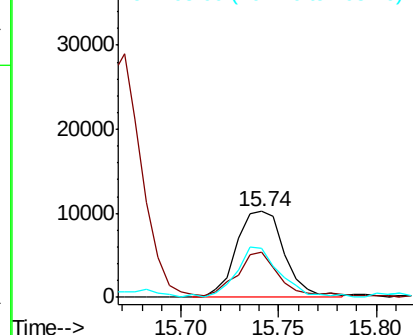


Abundance

Ion 198.00 (197.70 to 198.70): E

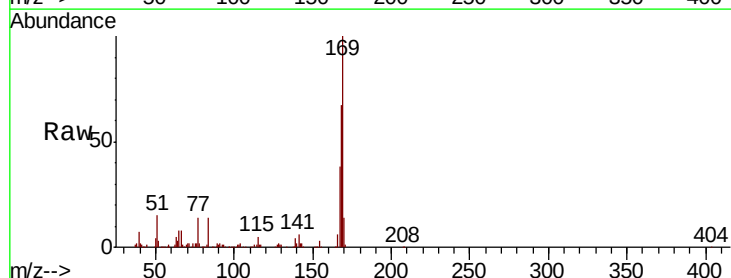
Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 9.968 ng  
RT: 15.88 min Scan# 2178  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 205771 |       |       |
| 168     | 67.4  | 57.3   | 85.9  |       |
| 167     | 38.1  | 32.1   | 48.1  |       |

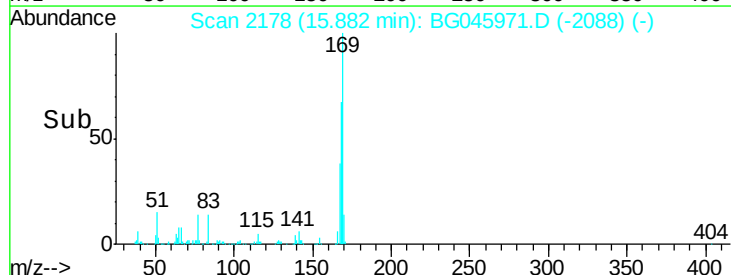
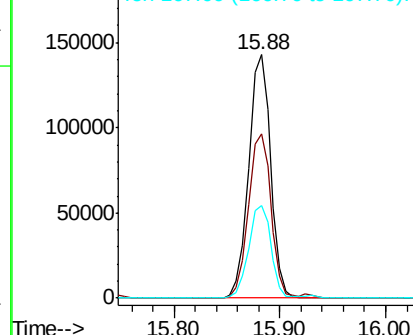


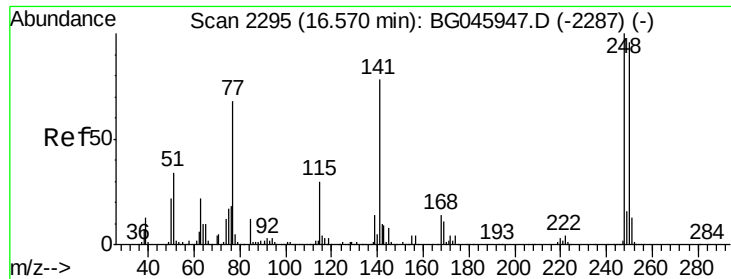
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





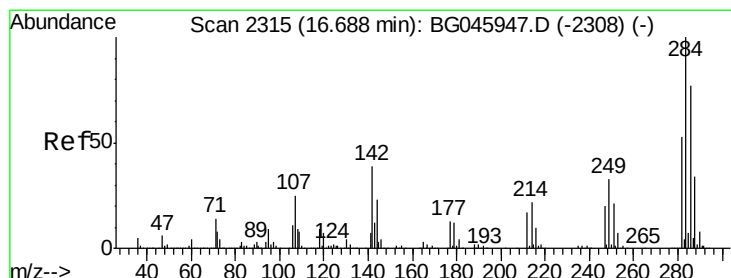
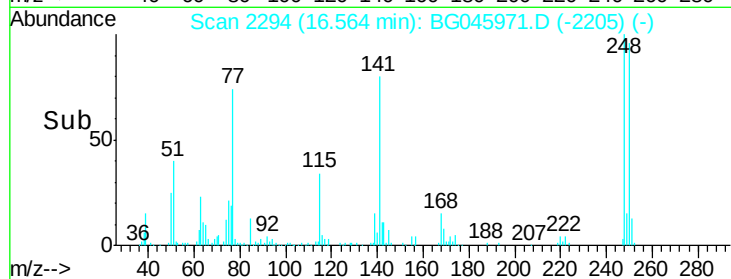
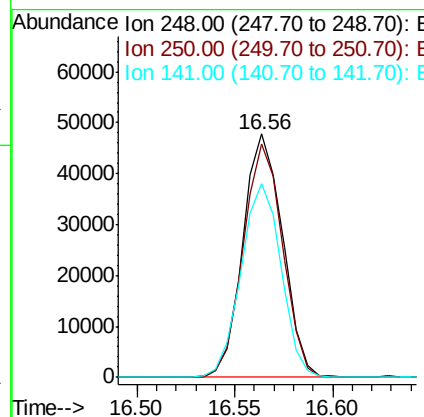
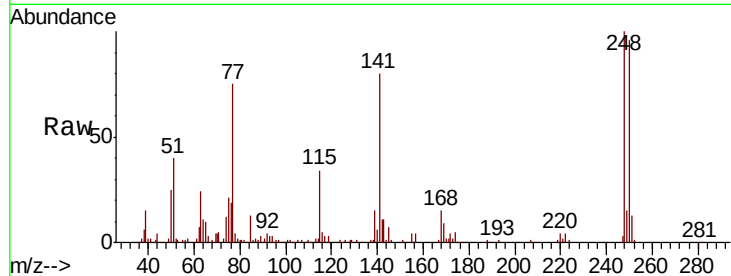
#67  
4-Bromophenyl-phenylether  
Concen: 9.030 ng  
RT: 16.56 min Scan# 2294  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.6  | 76.6  | 114.8 |
| 141     | 79.8  | 62.7  | 94.1  |

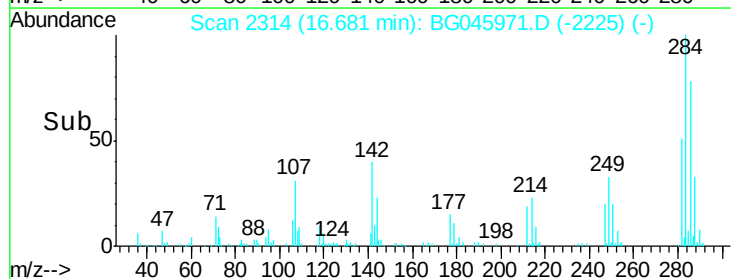
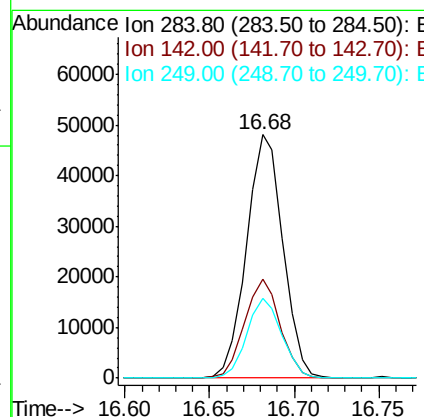
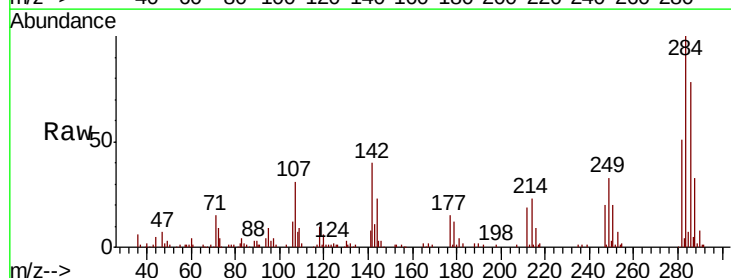
Manual Integrations  
APPROVED

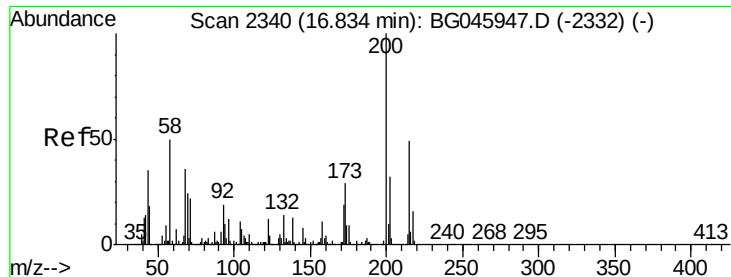
mohammad  
7/9/2020 10:55:49 AM



#68  
Hexachlorobenzene  
Concen: 9.637 ng  
RT: 16.68 min Scan# 2314  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 40.5  | 31.3  | 46.9  |
| 249     | 32.6  | 26.8  | 40.2  |





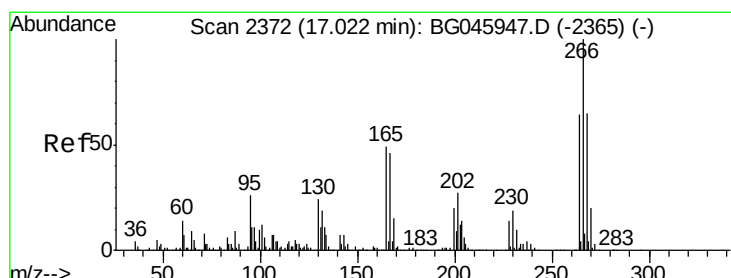
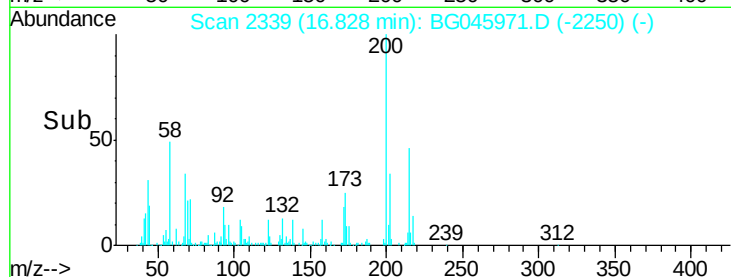
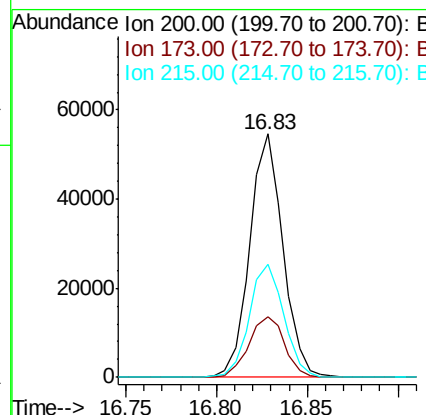
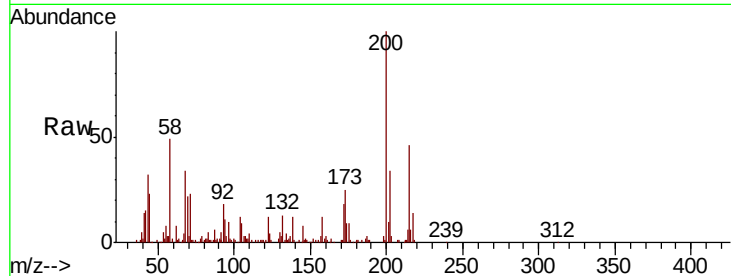
#69  
Atrazine  
Concen: 11.357 ng  
RT: 16.83 min Scan# 2339  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 69314 |       |       |
| 173     | 24.9  | 9.1   | 49.1  |       |
| 215     | 46.5  | 28.8  | 68.8  |       |

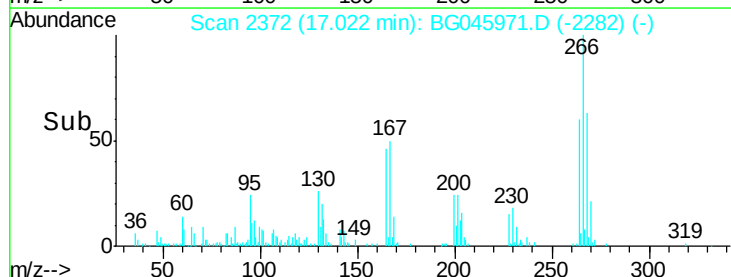
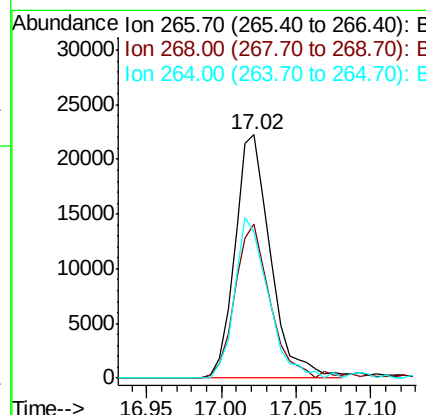
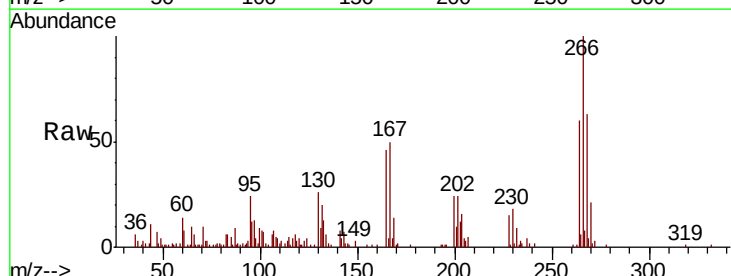
Manual Integrations  
APPROVED

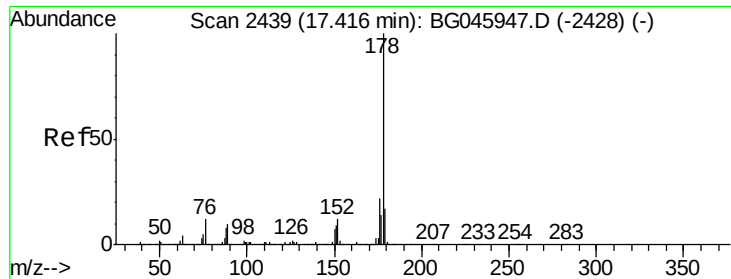
mohammad  
7/9/2020 10:55:49 AM



#70  
Pentachlorophenol  
Concen: 8.920 ng  
RT: 17.02 min Scan# 2372  
Delta R.T. -0.00 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 37027 |       |       |
| 268     | 63.5  | 51.8  | 77.8  |       |
| 264     | 60.4  | 51.4  | 77.0  |       |





#71

Phenanthrene

Concen: 10.219 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA\_G

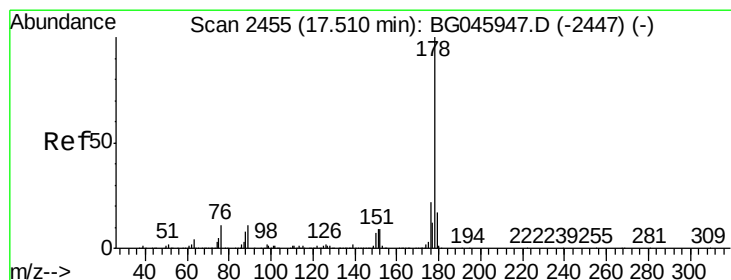
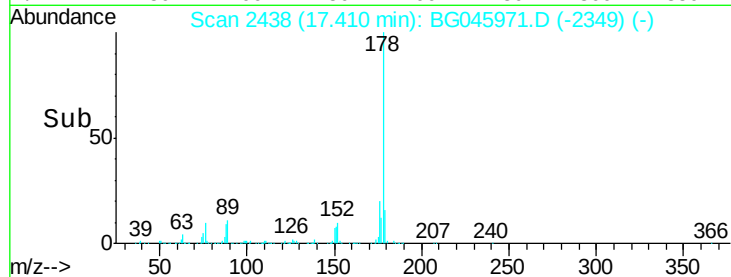
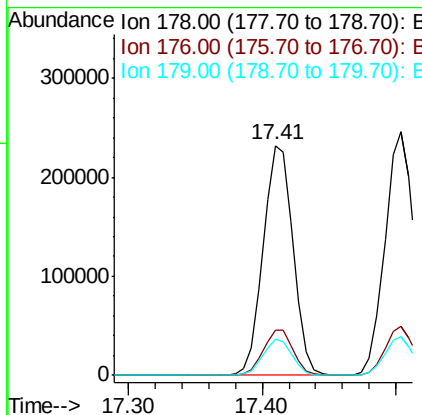
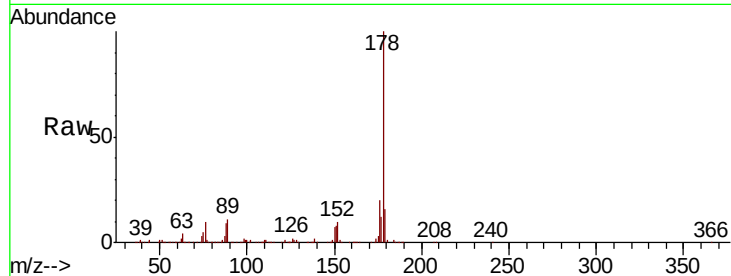
ClientSampleId :

LOQ-WATER-02-QT3-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 359877 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.8  | 17.4  | 26.2   |
| 179       | 16.0  | 13.4  | 20.2   |

Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM



#72

Anthracene

Concen: 10.473 ng

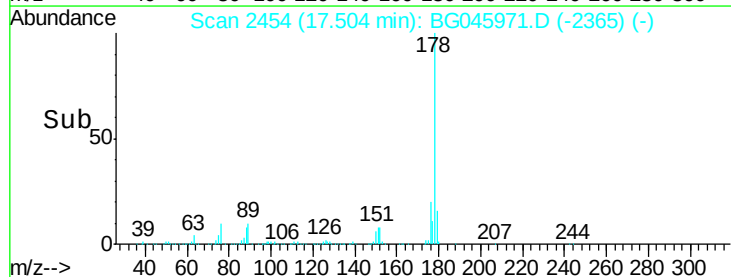
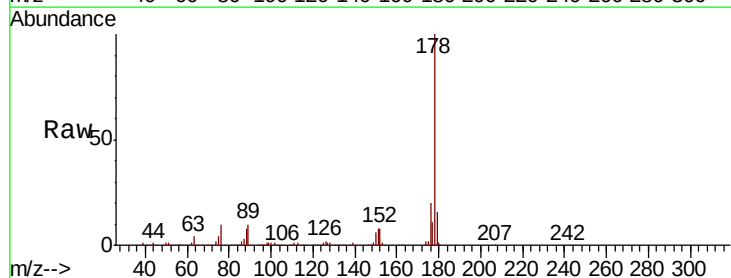
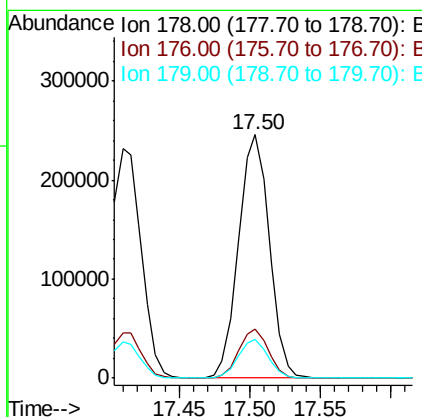
RT: 17.50 min Scan# 2454

Delta R.T. -0.01 min

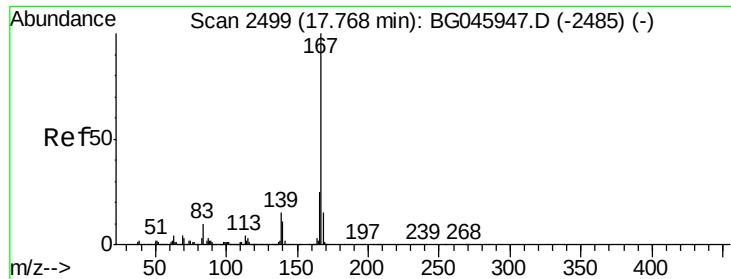
Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 374301 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 20.1  | 17.2  | 25.8   |
| 179       | 16.0  | 14.0  | 21.0   |







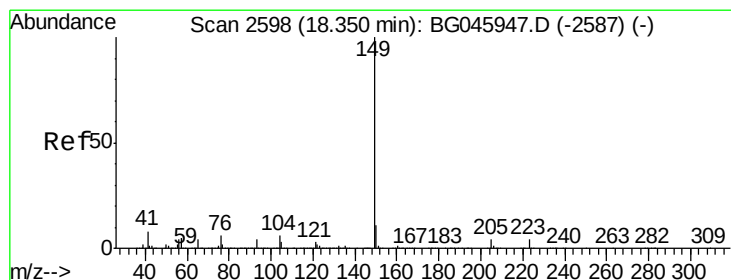
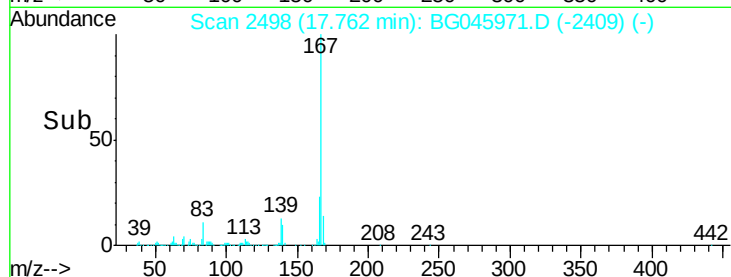
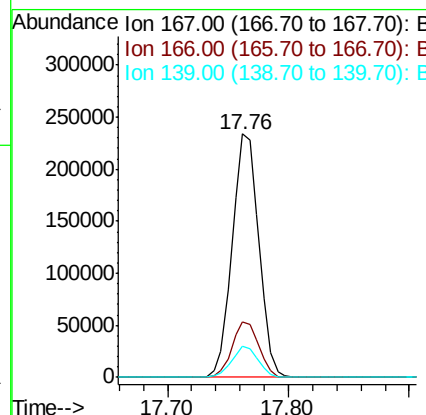
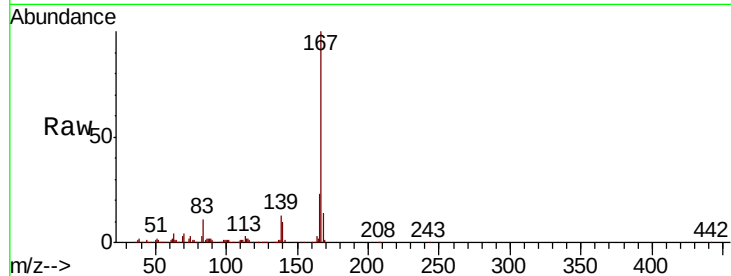
#73  
 Carbazole  
 Concen: 9.997 ng  
 RT: 17.76 min Scan# 2498  
 Delta R.T. -0.01 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 358140 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.8  | 20.4  | 30.6   |
| 139       | 12.9  | 11.8  | 17.8   |

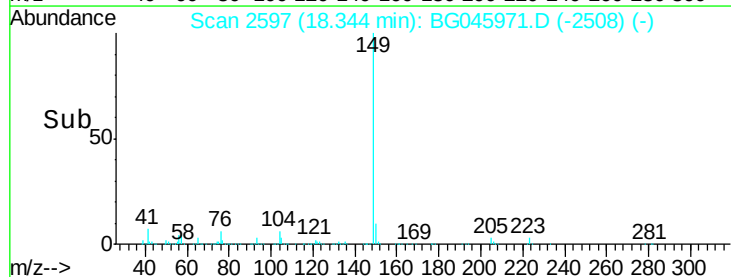
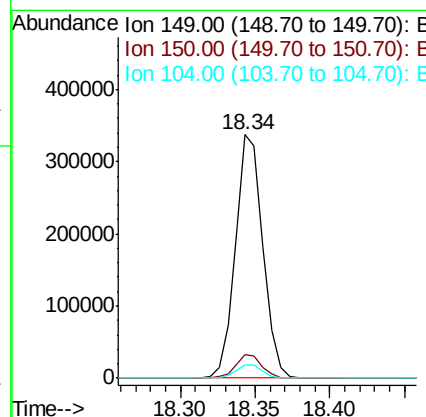
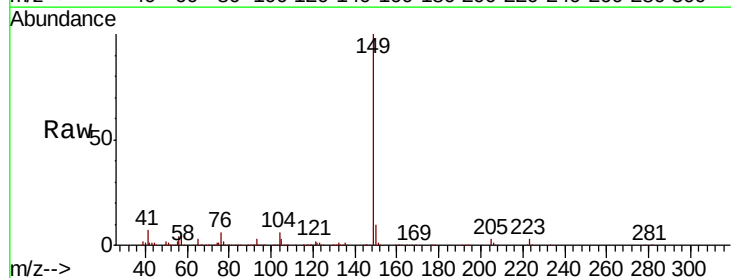
Manual Integrations  
 APPROVED

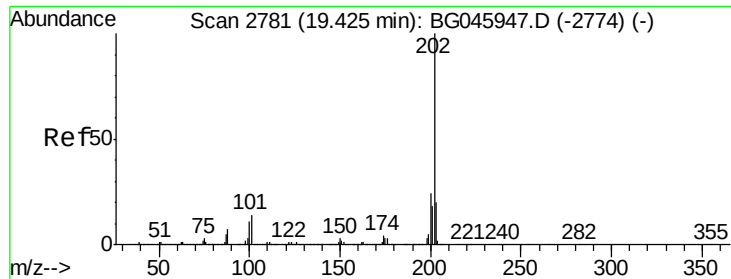
mohammad  
 7/9/2020 10:55:49 AM



#74  
 Di-n-butylphthalate  
 Concen: 10.005 ng  
 RT: 18.34 min Scan# 2597  
 Delta R.T. -0.01 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 433105 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.8   | 9.0   | 13.4   |
| 104       | 5.5   | 5.2   | 7.8    |





#75

Fluoranthene

Concen: 10.341 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA\_G

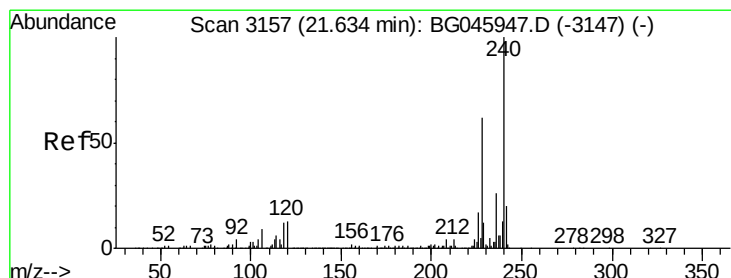
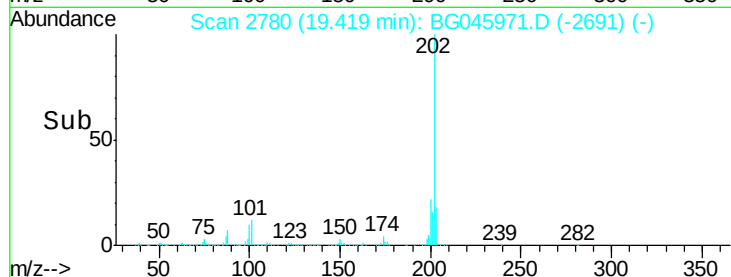
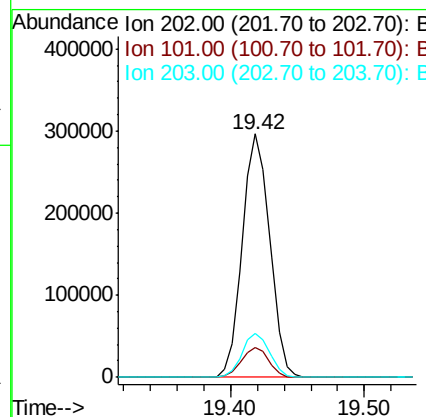
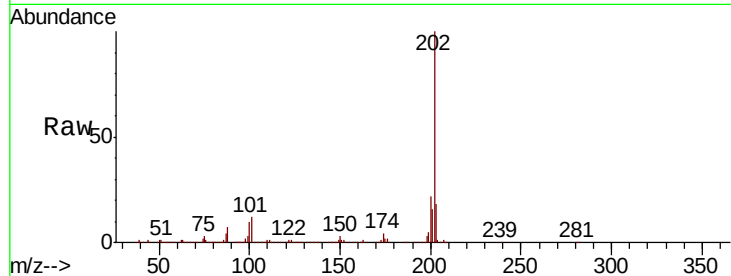
ClientSampleId :

LOQ-WATER-02-QT3-2020

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 202     | 100  |       | 420994 |       |       |
| 101     | 12.4 | 0.0   | 33.8   |       |       |
| 203     | 18.2 | 0.4   | 40.4   |       |       |

Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM



#76

Chrysene-d12

Concen: 20.000 ng

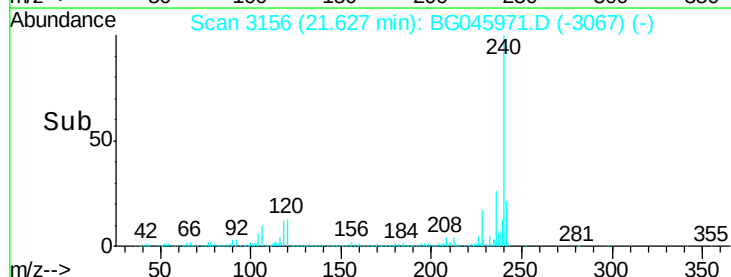
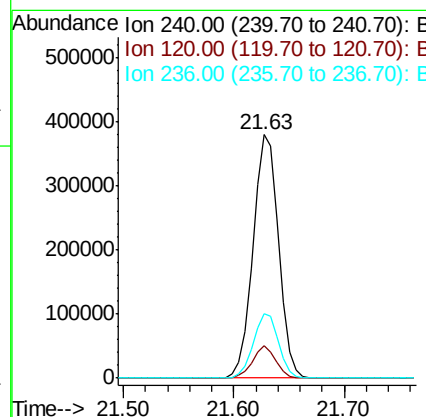
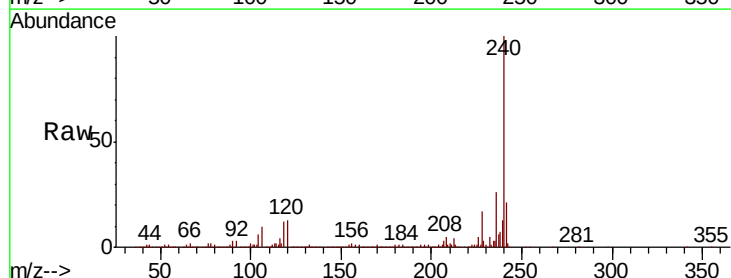
RT: 21.63 min Scan# 3156

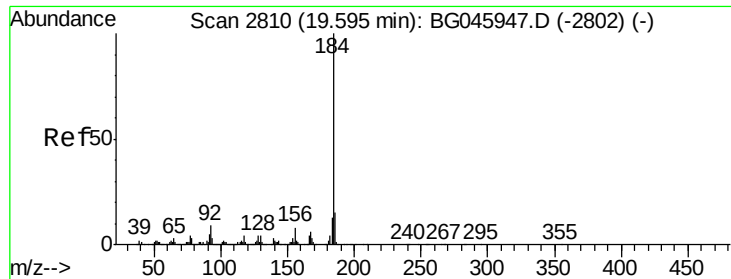
Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 240     | 100  |       | 614213 |       |       |
| 120     | 13.1 | 10.6  | 16.0   |       |       |
| 236     | 26.5 | 20.4  | 30.6   |       |       |





#77

Benzidine

Concen: 13.359 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA\_G

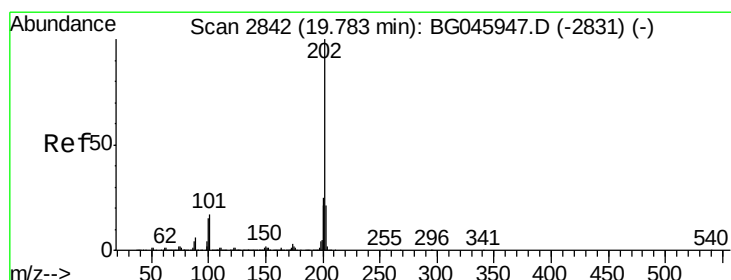
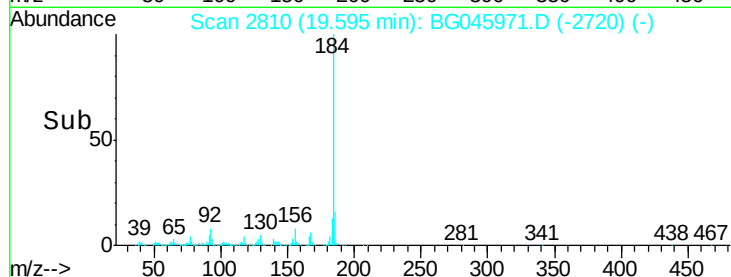
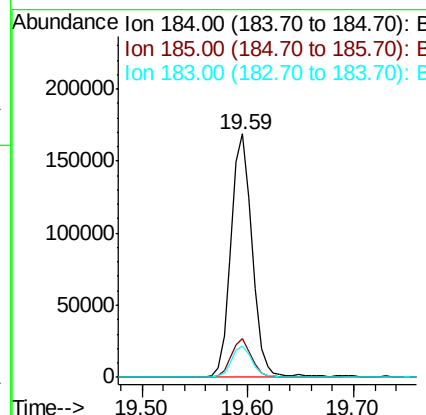
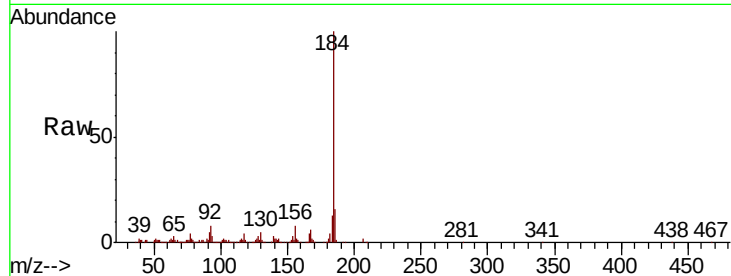
ClientSampleId :

LOQ-WATER-02-QT3-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 234606 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.8  | 11.6  | 17.4   |
| 183       | 12.6  | 10.4  | 15.6   |

Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM



#78

Pyrene

Concen: 10.364 ng

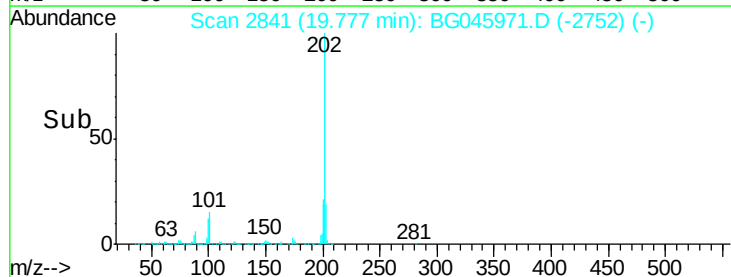
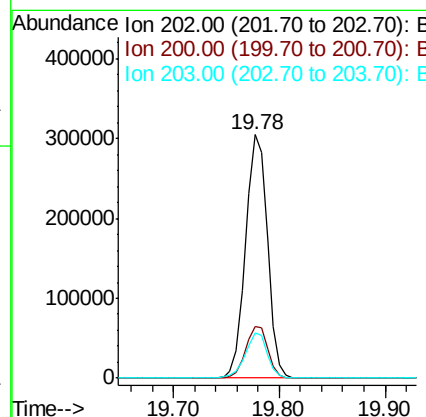
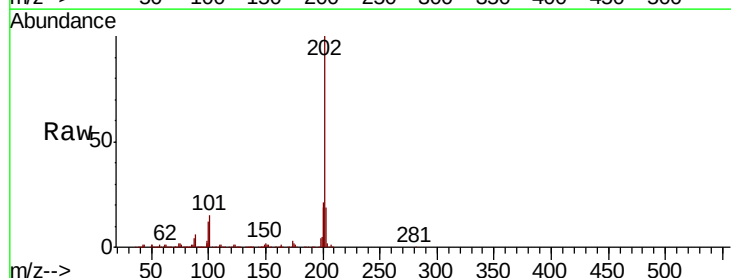
RT: 19.78 min Scan# 2841

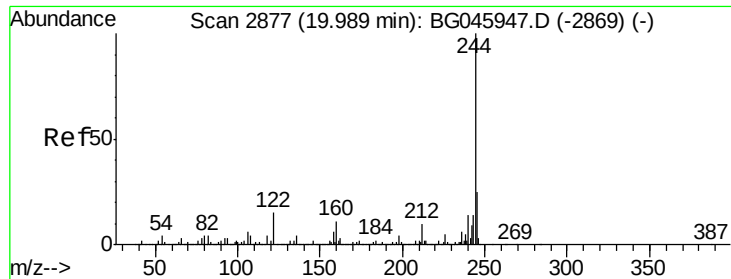
Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 434505 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.4  | 20.1  | 30.1   |
| 203       | 18.7  | 16.5  | 24.7   |





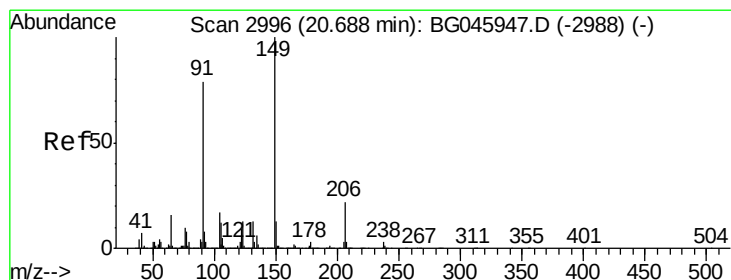
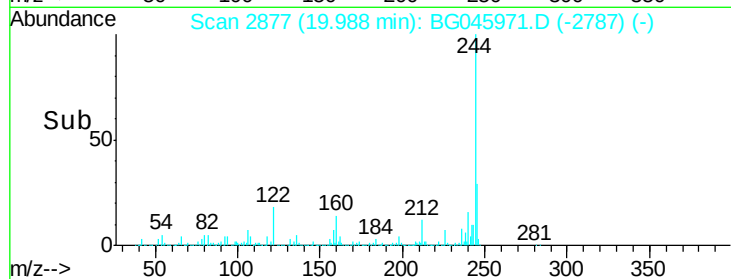
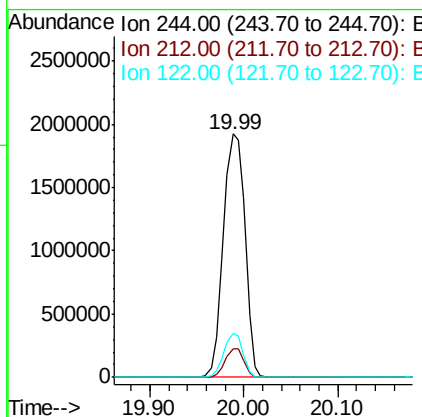
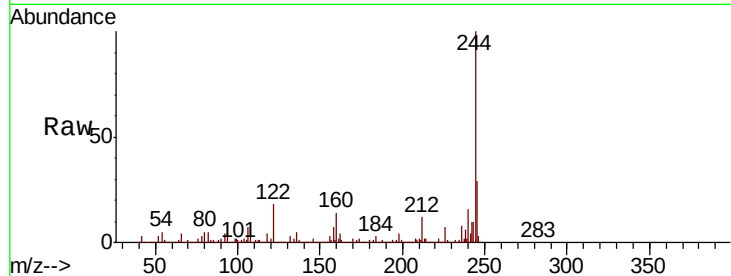
#79  
 Terphenyl-d14  
 Concen: 111.884 ng  
 RT: 19.99 min Scan# 2877  
 Delta R.T. -0.00 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 11.7  | 8.3   | 12.5  |
| 122     | 18.2  | 12.1  | 18.1  |

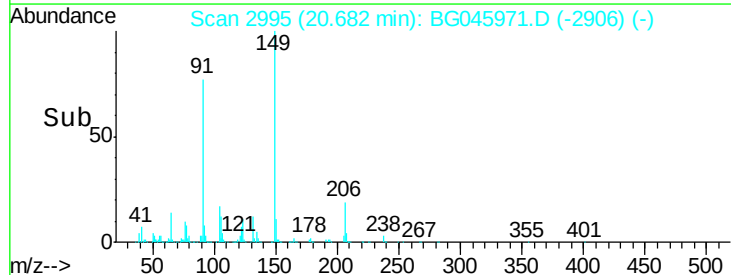
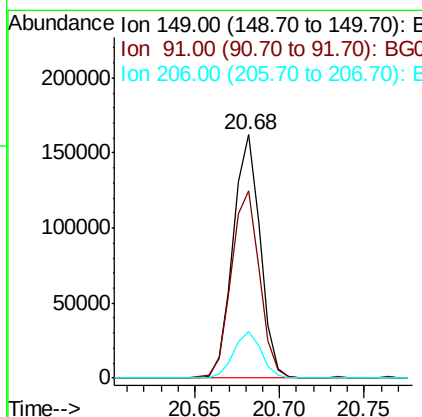
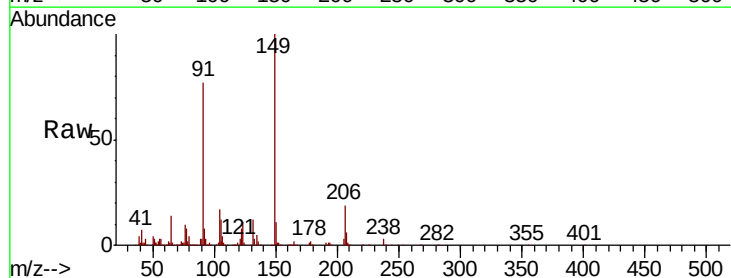
Manual Integrations  
 APPROVED

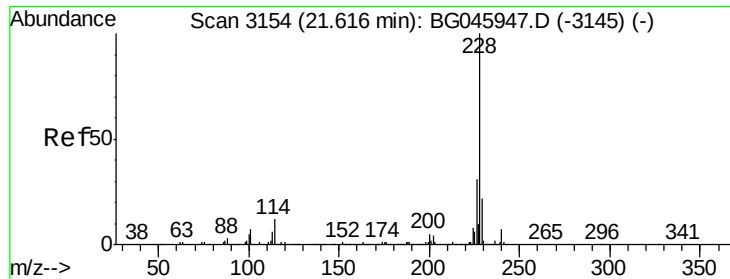
mohammad  
 7/9/2020 10:55:49 AM



#80  
 Butylbenzylphthalate  
 Concen: 9.118 ng  
 RT: 20.68 min Scan# 2995  
 Delta R.T. -0.01 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.9  | 63.1  | 94.7  |
| 206     | 19.2  | 17.4  | 26.0  |





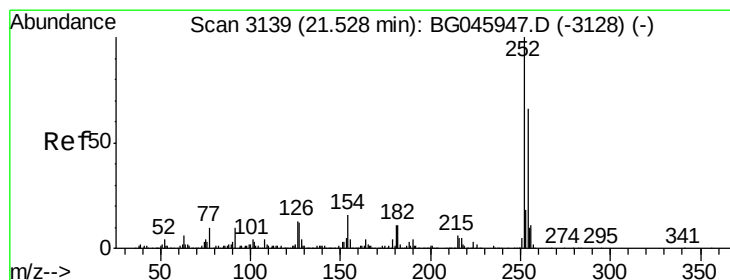
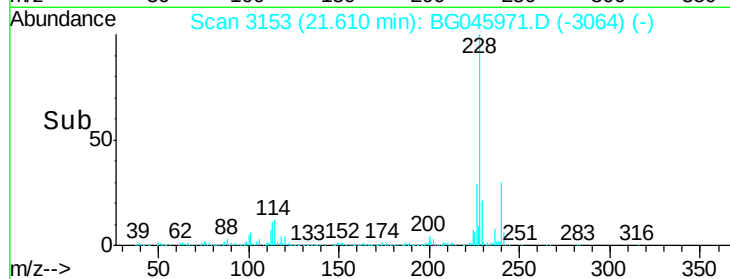
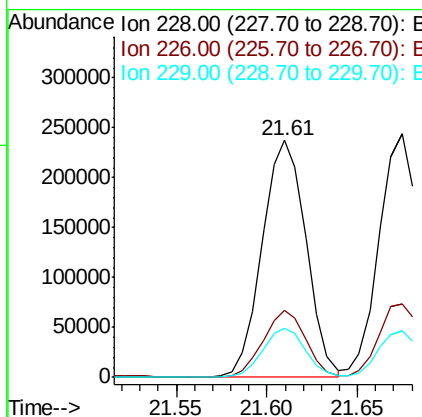
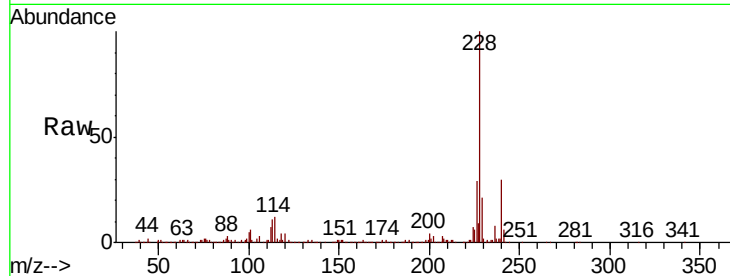
#81  
Benzo(a)anthracene  
Concen: 9.922 ng  
RT: 21.61 min Scan# 3153  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.5  | 24.8  | 37.2  |
| 229     | 20.6  | 17.8  | 26.8  |

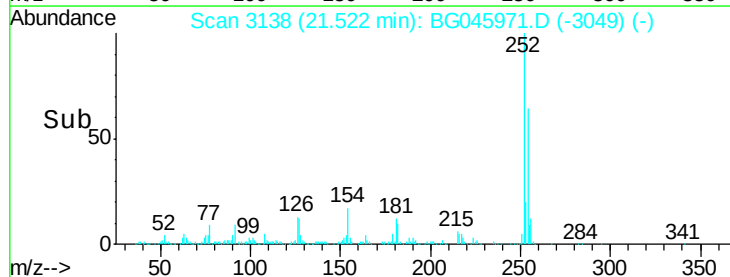
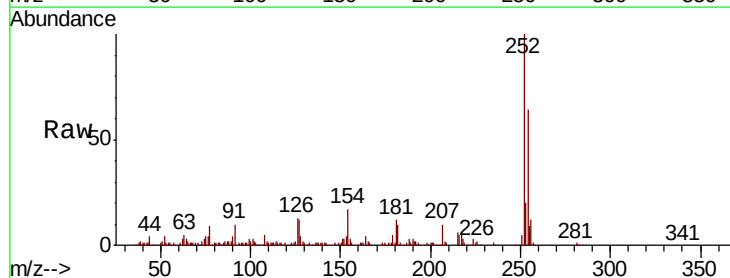
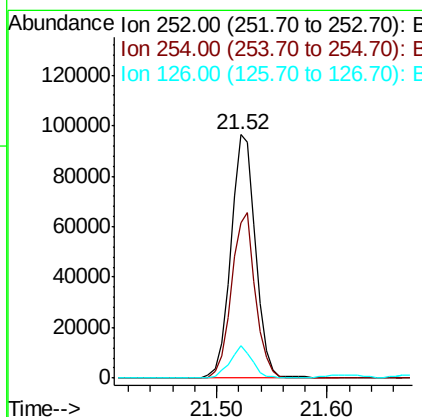
Manual Integrations  
APPROVED

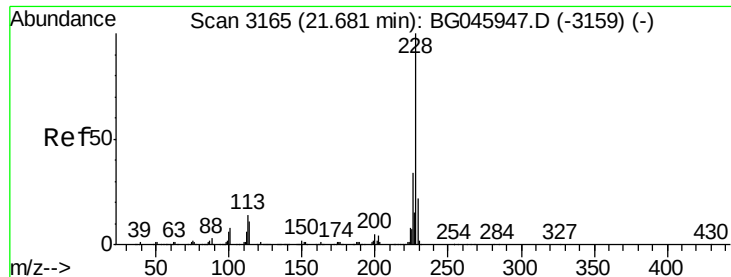
mohammad  
7/9/2020 10:55:49 AM



#82  
3,3'-Dichlorobenzidine  
Concen: 10.104 ng  
RT: 21.52 min Scan# 3138  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.9  | 52.9  | 79.3  |
| 126     | 13.5  | 10.4  | 15.6  |





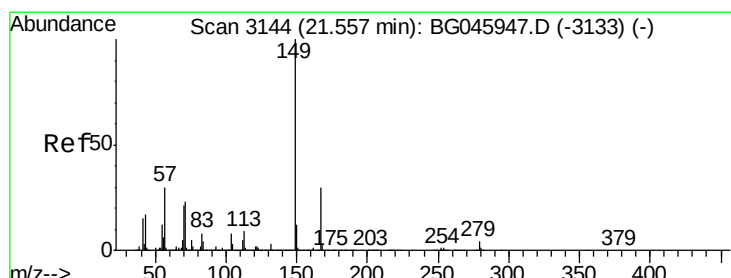
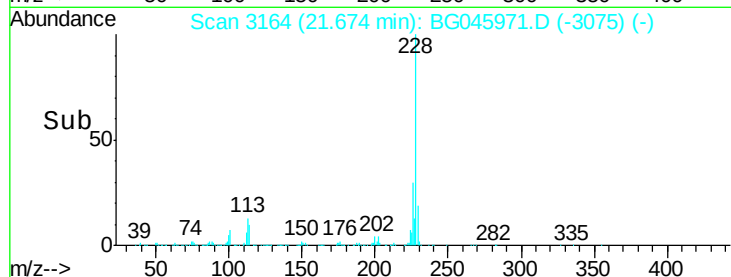
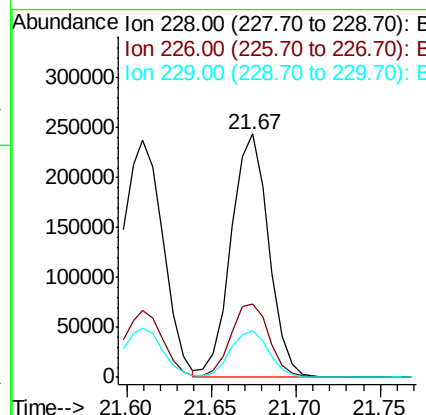
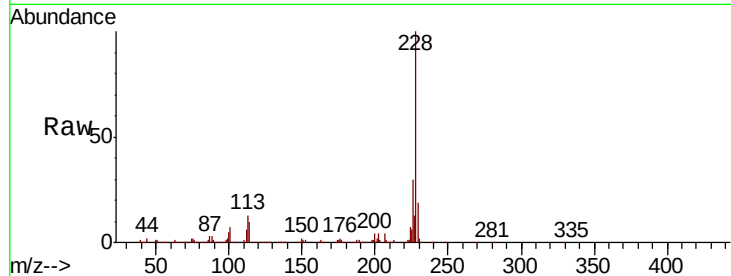
#83  
Chrysene  
Concen: 9.775 ng  
RT: 21.67 min Scan# 3164  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 26.7  | 40.1  |
| 229     | 19.2  | 17.3  | 25.9  |

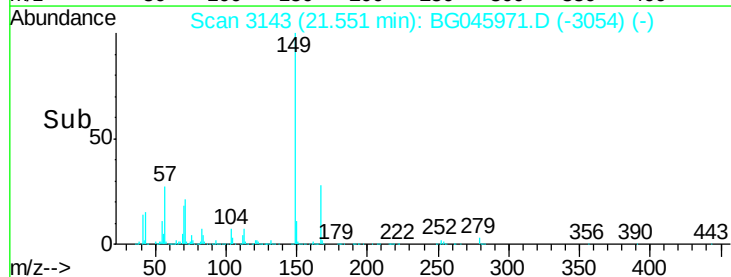
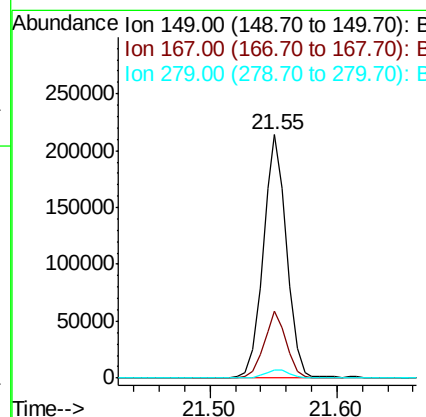
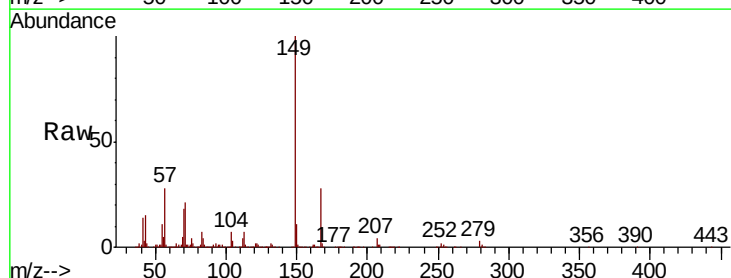
Manual Integrations  
APPROVED

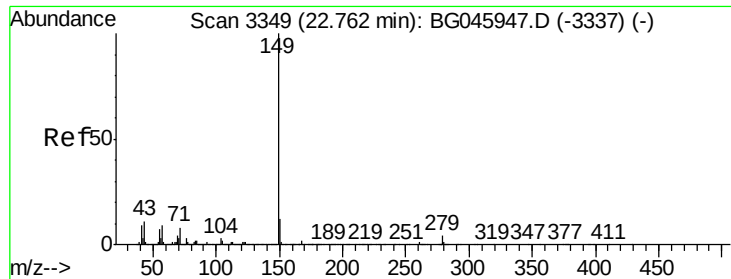
mohammad  
7/9/2020 10:55:49 AM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 9.519 ng  
RT: 21.55 min Scan# 3143  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.6  | 23.8  | 35.8  |
| 279     | 3.2   | 3.5   | 5.3#  |





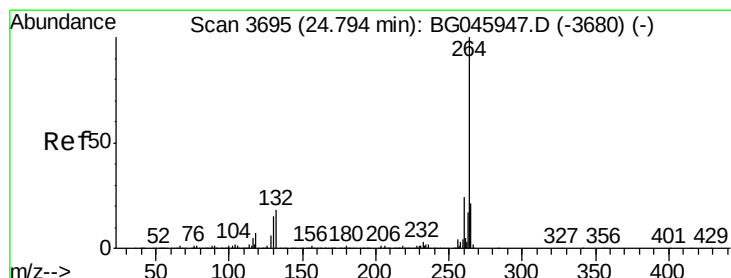
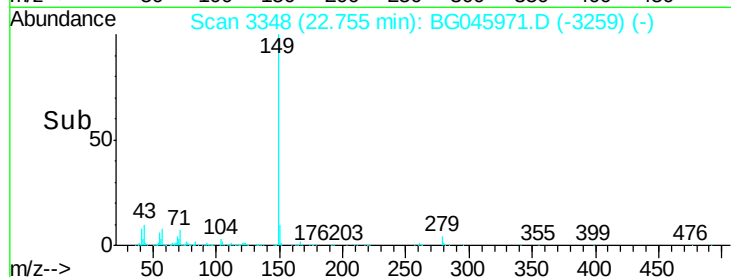
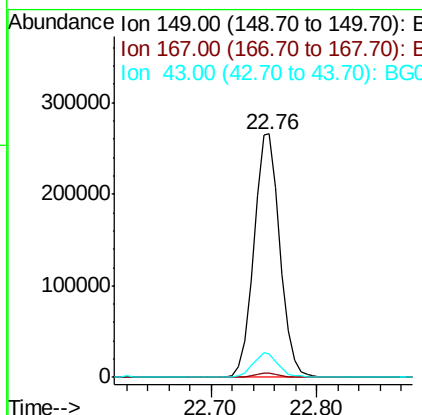
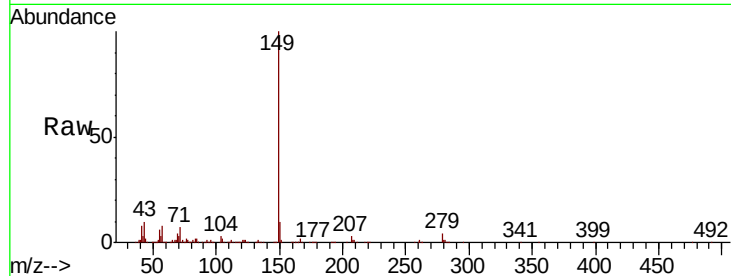
#85  
Di-n-octyl phthalate  
Concen: 9.130 ng  
RT: 22.76 min Scan# 3348  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.6   | 1.4        | 2.0   |
| 43      | 9.6   | 8.6        | 12.8  |

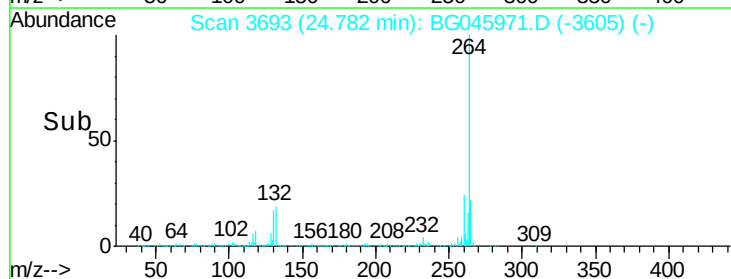
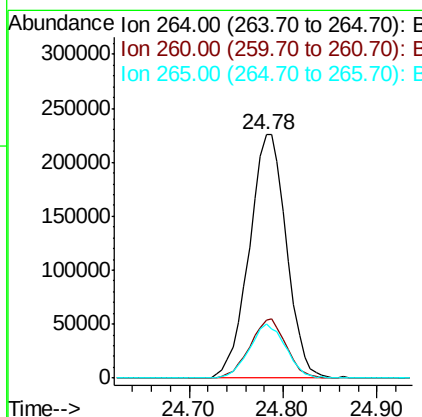
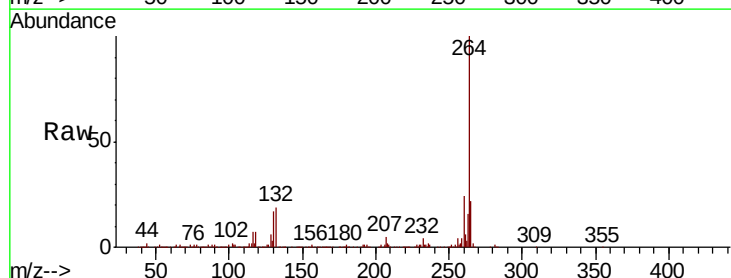
Manual Integrations  
APPROVED

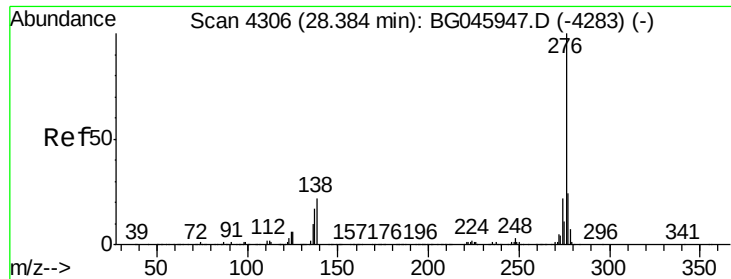
mohammad  
7/9/2020 10:55:49 AM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.78 min Scan# 3693  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 264     | 100   |            |       |
| 260     | 23.6  | 19.0       | 28.6  |
| 265     | 22.2  | 16.9       | 25.3  |





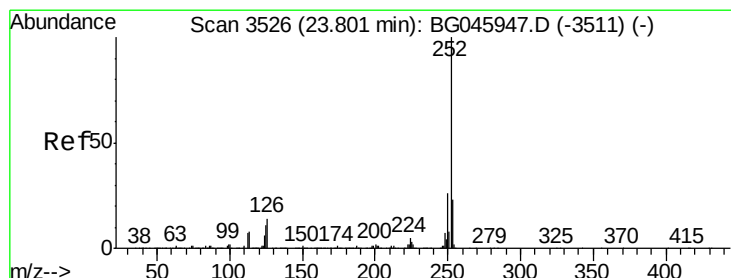
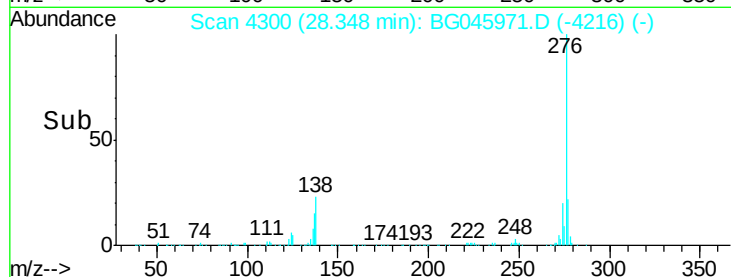
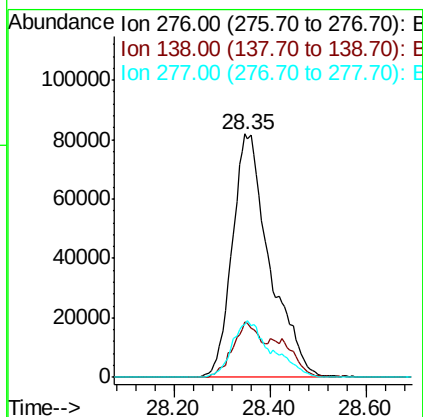
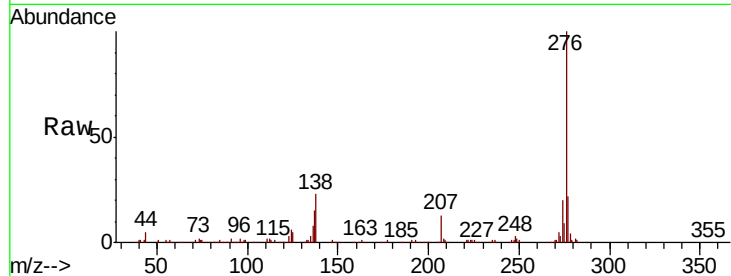
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 9.821 ng  
 RT: 28.35 min Scan# 4300  
 Delta R.T. -0.04 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 17.4  | 16.4  | 24.6  |
| 277     | 24.5  | 20.6  | 31.0  |

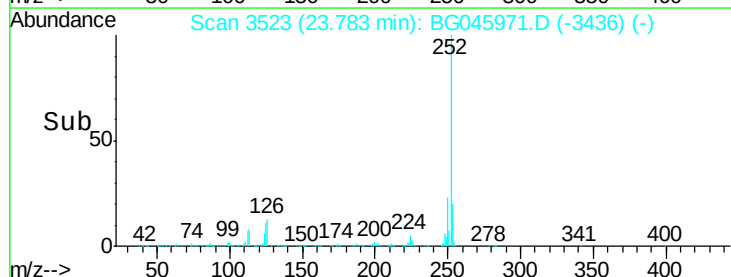
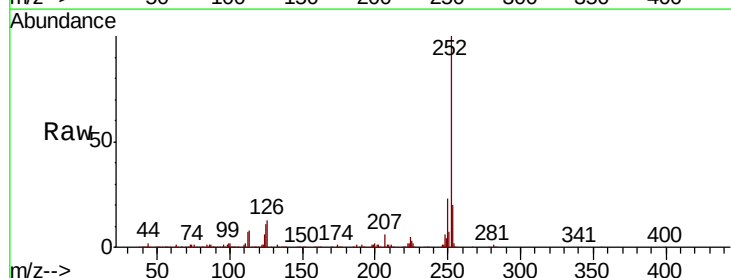
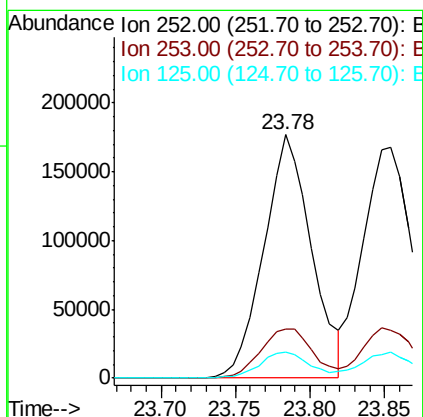
Manual Integrations  
 APPROVED

mohammad  
 7/9/2020 10:55:49 AM

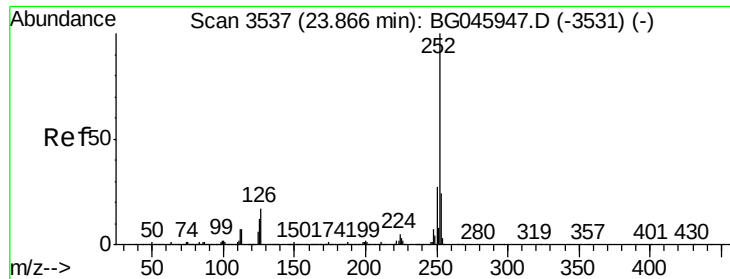


#88  
 Benzo(b)fluoranthene  
 Concen: 10.024 ng  
 RT: 23.78 min Scan# 3523  
 Delta R.T. -0.02 min  
 Lab File: BG045971.D  
 Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.4  | 18.5  | 27.7  |
| 125     | 10.8  | 9.2   | 13.8  |







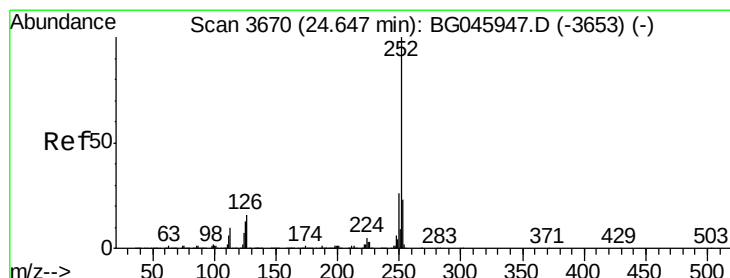
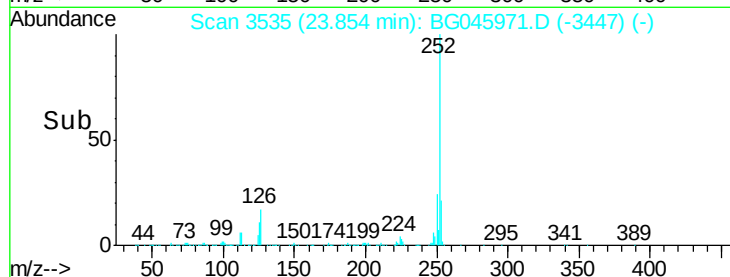
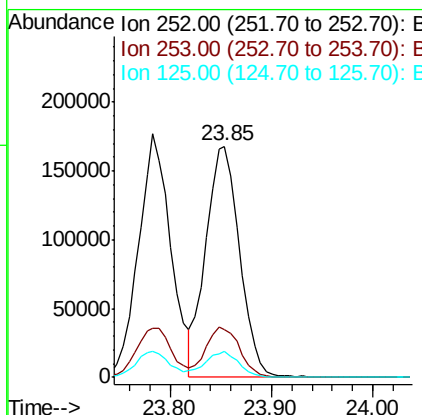
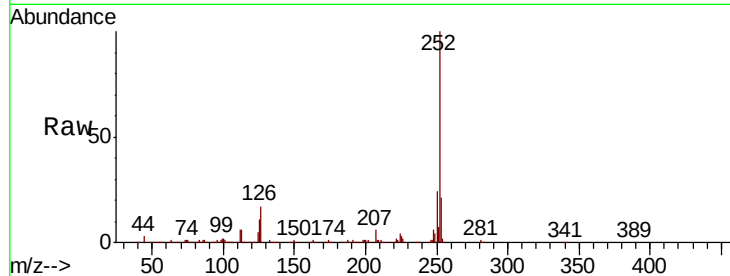
#89  
Benzo(k)fluoranthene  
Concen: 10.452 ng  
RT: 23.85 min Scan# 3535  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.6  | 18.9  | 28.3  |
| 125     | 11.0  | 9.6   | 14.4  |

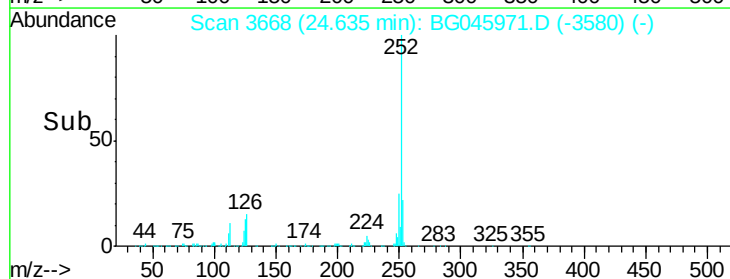
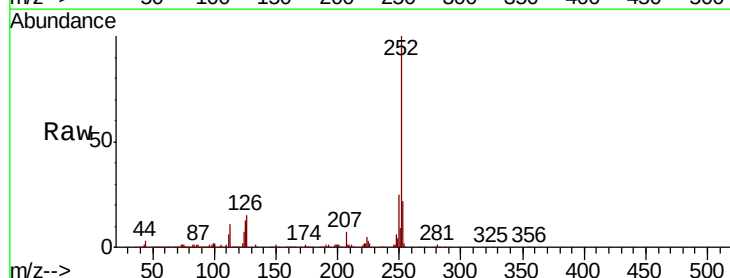
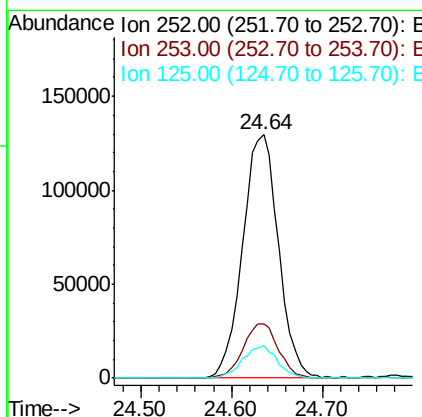
Manual Integrations  
APPROVED

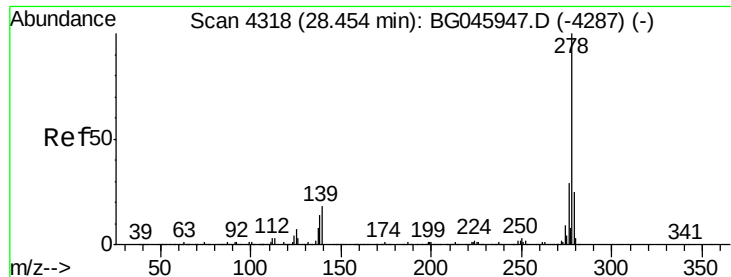
mohammad  
7/9/2020 10:55:49 AM



#90  
Benzo(a)pyrene  
Concen: 9.620 ng  
RT: 24.64 min Scan# 3668  
Delta R.T. -0.01 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.6  | 28.0  |
| 125     | 13.1  | 10.5  | 15.7  |





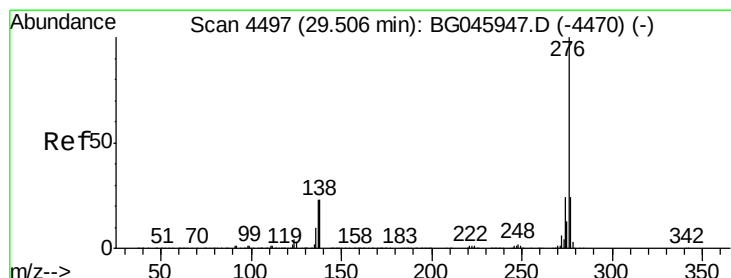
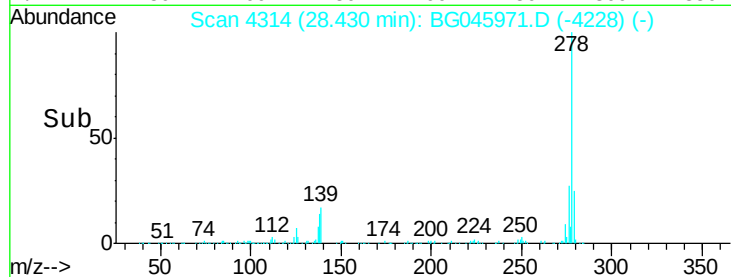
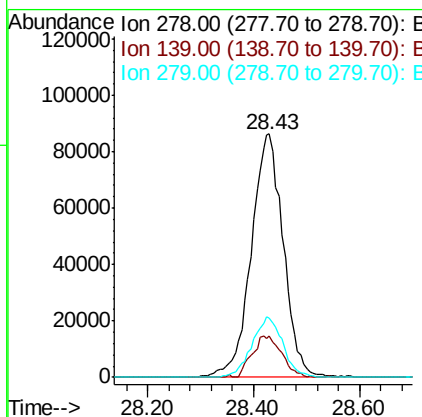
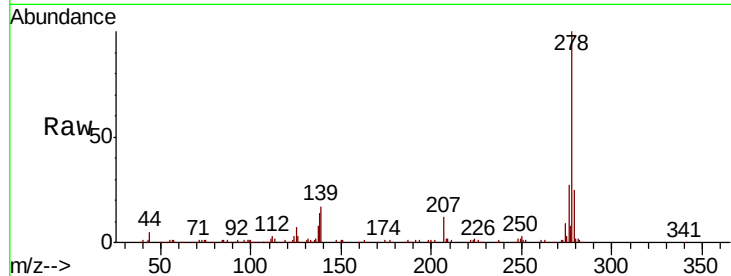
#91  
Dibenzo(a,h)anthracene  
Concen: 9.939 ng  
RT: 28.43 min Scan# 4314  
Delta R.T. -0.02 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.2  | 14.3  | 21.5  |
| 279     | 24.5  | 19.8  | 29.6  |

Manual Integrations  
APPROVED

mohammad  
7/9/2020 10:55:49 AM



#92  
Benzo(g,h,i)perylene  
Concen: 9.894 ng  
RT: 29.46 min Scan# 4490  
Delta R.T. -0.04 min  
Lab File: BG045971.D  
Acq: 7 Jul 2020 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.6  | 19.4  | 29.0  |
| 138     | 22.6  | 18.6  | 28.0  |

