

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060617\  
 Data File : BG027242.D  
 Acq On : 6 Jun 2017 10:21  
 Operator : SJ/MA  
 Sample : I3398-04MSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

Manual Integrations  
 APPROVED

mohammad  
 6/8/2017 8:24:14 AM

Quant Time: Jun 07 14:05:27 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 16:00:35 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.57  | 152  | 49374    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 11.39 | 136  | 242210   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 15.15 | 164  | 160519   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.90 | 188  | 368622   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 22.29 | 240  | 420749   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 25.99 | 264  | 389215   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 6.15  | 112 | 555154  | 171.58 | ng | 0.00  |
| 7) Phenol-d6             | 7.70  | 99  | 791708  | 166.69 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.73  | 82  | 434292  | 112.76 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.63 | 330 | 352987  | 167.00 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 13.78 | 172 | 1080710 | 94.19  | ng | -0.01 |
| 78) Terphenyl-d14        | 20.48 | 244 | 1566803 | 95.00  | ng | -0.02 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 4.16  | 88  | 54265   | 40.447 | ng | # 78   |
| 3) Pyridine                    | 4.54  | 79  | 159869  | 38.655 | ng | # 71   |
| 4) n-Nitrosodimethylamine      | 4.45  | 42  | 77656   | 50.712 | ng | # 47   |
| 6) Aniline                     | 7.89  | 93  | 229200  | 38.321 | ng | # 92   |
| 8) 2-Chlorophenol              | 8.13  | 128 | 193384  | 56.602 | ng | 86     |
| 9) Benzaldehyde                | 7.71  | 77  | 31046   | 9.454  | ng | 88     |
| 10) Phenol                     | 7.73  | 94  | 304163  | 62.623 | ng | 76     |
| 11) bis(2-Chloroethyl)ether    | 7.97  | 93  | 187304  | 47.007 | ng | 84     |
| 12) 1,3-Dichlorobenzene        | 8.46  | 146 | 180798  | 46.917 | ng | # 93   |
| 13) 1,4-Dichlorobenzene        | 8.60  | 146 | 187015  | 47.287 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.93  | 146 | 181758  | 47.120 | ng | 94     |
| 15) Benzyl Alcohol             | 8.79  | 79  | 191222  | 57.142 | ng | # 84   |
| 16) 2,2'-oxybis(1-Chloropropan | 9.08  | 45  | 257494  | 45.163 | ng | 89     |
| 17) 2-Methylphenol             | 8.98  | 107 | 186004  | 54.176 | ng | # 86   |
| 18) Hexachloroethane           | 9.66  | 117 | 63489   | 47.657 | ng | 88     |
| 19) n-Nitroso-di-n-propylamine | 9.36  | 70  | 163260  | 49.136 | ng | # 85   |
| 20) 3+4-Methylphenols          | 9.31  | 107 | 261912  | 55.071 | ng | 89     |
| 22) Acetophenone               | 9.38  | 105 | 303446  | 48.989 | ng | # 83   |
| 24) Nitrobenzene               | 9.77  | 77  | 224531  | 51.173 | ng | # 84   |
| 25) Isophorone                 | 10.30 | 82  | 448021  | 49.471 | ng | # 96   |
| 26) 2-Nitrophenol              | 10.48 | 139 | 103212  | 55.701 | ng | # 77   |
| 27) 2,4-Dimethylphenol         | 10.52 | 122 | 217768  | 55.927 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.77 | 93  | 279008  | 47.580 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 11.02 | 162 | 201807  | 56.772 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 11.24 | 180 | 190211  | 48.325 | ng | 98     |
| 31) Naphthalene                | 11.44 | 128 | 614326  | 46.408 | ng | 99     |
| 32) Benzoic acid               | 10.60 | 122 | 53422   | 24.543 | ng | # 82   |
| 33) 4-Chloroaniline            | 11.53 | 127 | 159131  | 28.848 | ng | # 88   |
| 34) Hexachlorobutadiene        | 11.71 | 225 | 111184  | 45.962 | ng | 97     |
| 35) Caprolactam                | 12.32 | 113 | 75195m  | 61.679 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.60 | 107 | 249275  | 55.951 | ng | 92     |
| 37) 2-Methylnaphthalene        | 13.00 | 142 | 466604m | 48.322 | ng |        |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.36 | 216 | 232104  | 46.415 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 13.34 | 237 | 251254  | 94.401 | ng | 94     |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060617\  
 Data File : BG027242.D  
 Acq On : 6 Jun 2017 10:21  
 Operator : SJ/MA  
 Sample : I3398-04MSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

Manual Integrations  
 APPROVED

mohammad  
 6/8/2017 8:24:14 AM

Quant Time: Jun 07 14:05:27 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 16:00:35 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.59 | 196  | 171013   | 56.383  | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.66 | 196  | 182380   | 53.736  | ng    | 95       |
| 45) 1,1'-Biphenyl              | 13.99 | 154  | 618179   | 47.181  | ng    | 98       |
| 46) 2-Chloronaphthalene        | 14.04 | 162  | 474416   | 48.295  | ng    | 99       |
| 47) 2-Nitroaniline             | 14.23 | 65   | 152638   | 53.695  | ng #  | 77       |
| 48) Acenaphthylene             | 14.88 | 152  | 770335   | 46.337  | ng    | 98       |
| 49) Dimethylphthalate          | 14.59 | 163  | 778950   | 61.173  | ng    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.71 | 165  | 135619   | 51.909  | ng #  | 72       |
| 51) Acenaphthene               | 15.22 | 154  | 558997   | 51.693  | ng    | 99       |
| 52) 3-Nitroaniline             | 15.04 | 138  | 105710   | 40.033  | ng    | 89       |
| 53) 2,4-Dinitrophenol          | 15.24 | 184  | 131407   | 96.454  | ng    | 98       |
| 54) Dibenzofuran               | 15.55 | 168  | 765633   | 50.666  | ng    | 91       |
| 55) 4-Nitrophenol              | 15.32 | 139  | 251520   | 102.689 | ng #  | 53       |
| 56) 2,4-Dinitrotoluene         | 15.50 | 165  | 185618   | 54.910  | ng #  | 85       |
| 57) Fluorene                   | 16.19 | 166  | 624835   | 46.553  | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.76 | 232  | 176779   | 58.348  | ng    | 99       |
| 59) Diethylphthalate           | 15.95 | 149  | 643854   | 50.693  | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 16.18 | 204  | 319634   | 47.276  | ng    | 96       |
| 61) 4-Nitroaniline             | 16.21 | 138  | 145748   | 52.458  | ng #  | 67       |
| 62) Azobenzene                 | 16.47 | 77   | 632493   | 53.730  | ng    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 16.26 | 198  | 107599   | 60.229  | ng    | 92       |
| 65) n-Nitrosodiphenylamine     | 16.39 | 169  | 563175   | 48.732  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 17.08 | 248  | 210720   | 48.298  | ng    | 98       |
| 67) Hexachlorobenzene          | 17.20 | 284  | 224900   | 47.926  | ng    | 91       |
| 68) Atrazine                   | 17.33 | 200  | 205711   | 53.230  | ng    | 97       |
| 69) Pentachlorophenol          | 17.54 | 266  | 292199   | 106.227 | ng    | 97       |
| 70) Phenanthrene               | 17.95 | 178  | 976808   | 47.099  | ng    | 96       |
| 71) Anthracene                 | 18.04 | 178  | 1001148  | 48.184  | ng    | 97       |
| 72) Carbazole                  | 18.30 | 167  | 887622   | 45.294  | ng    | 96       |
| 73) Di-n-butylphthalate        | 18.83 | 149  | 1059382  | 55.749  | ng #  | 94       |
| 74) Fluoranthene               | 19.93 | 202  | 1113242  | 50.246  | ng    | 94       |
| 76) Benzidine                  | 20.10 | 184  | 403611   | 31.844  | ng    | 98       |
| 77) Pyrene                     | 20.30 | 202  | 1125657  | 44.279  | ng    | 97       |
| 79) Butylbenzylphthalate       | 21.19 | 149  | 470340   | 52.360  | ng    | 90       |
| 80) Benzo(a)anthracene         | 22.27 | 228  | 1132313  | 47.190  | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 22.16 | 252  | 336102   | 36.006  | ng    | 98       |
| 82) Chrysene                   | 22.35 | 228  | 1026016  | 44.538  | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 22.14 | 149  | 688759   | 50.738  | ng    | 99       |
| 84) Di-n-octyl phthalate       | 23.53 | 149  | 1150094  | 51.154  | ng #  | 88       |
| 85) Indeno(1,2,3-cd)pyrene     | 30.28 | 276  | 1341098  | 48.069  | ng #  | 94       |
| 87) Benzo(b)fluoranthene       | 24.81 | 252  | 1155260  | 47.859  | ng #  | 96       |
| 88) Benzo(k)fluoranthene       | 24.89 | 252  | 1123120  | 47.427  | ng #  | 93       |
| 89) Benzo(a)pyrene             | 25.82 | 252  | 1100638  | 48.436  | ng #  | 94       |
| 90) Dibenzo(a,h)anthracene     | 30.35 | 278  | 1149938  | 48.342  | ng #  | 94       |
| 91) Benzo(g,h,i)perylene       | 31.61 | 276  | 1100634  | 47.777  | ng #  | 90       |

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

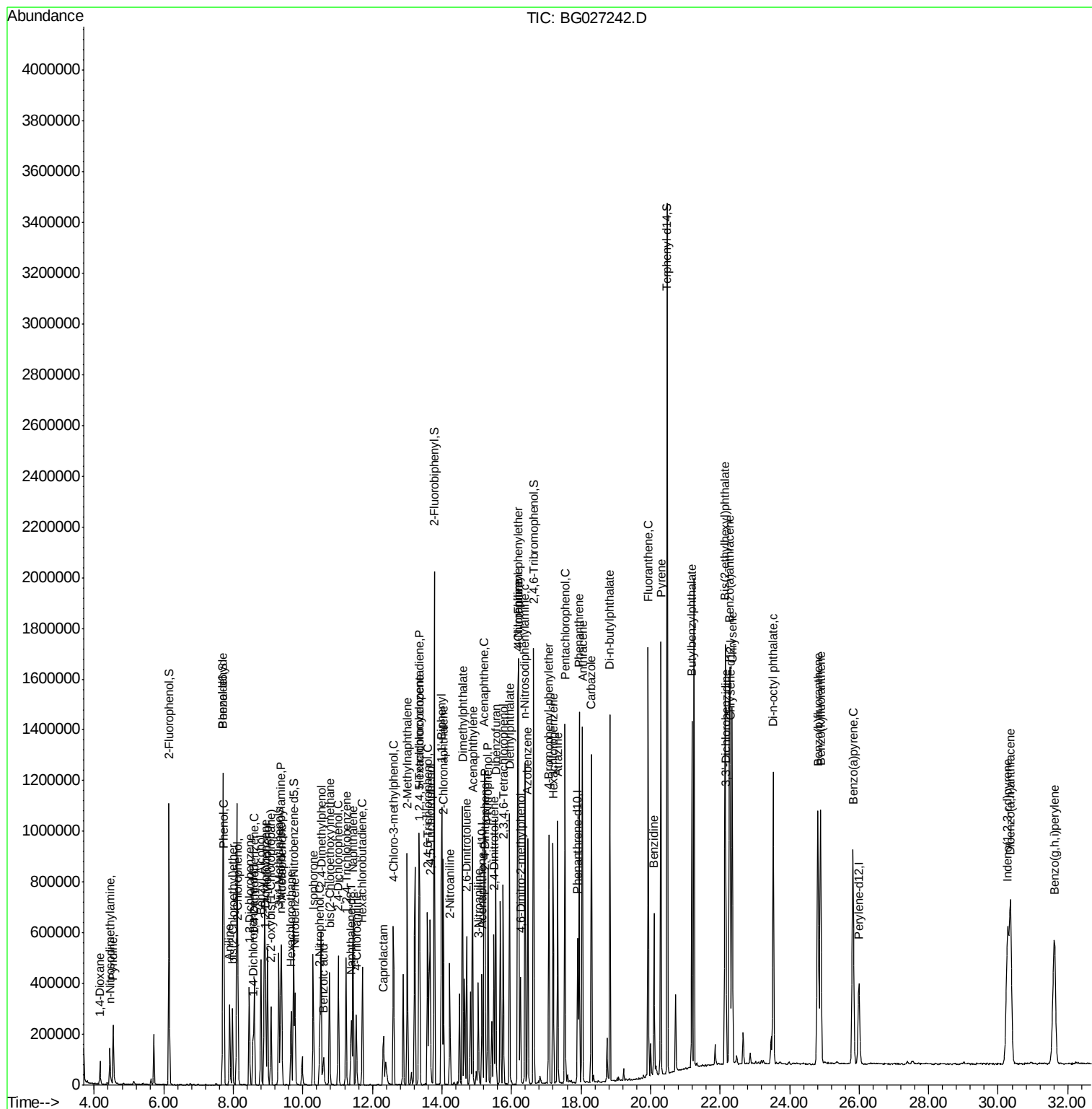
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060617\  
Data File : BG027242.D  
Acq On : 6 Jun 2017 10:21  
Operator : SJ/MA  
Sample : I3398-04MSD  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

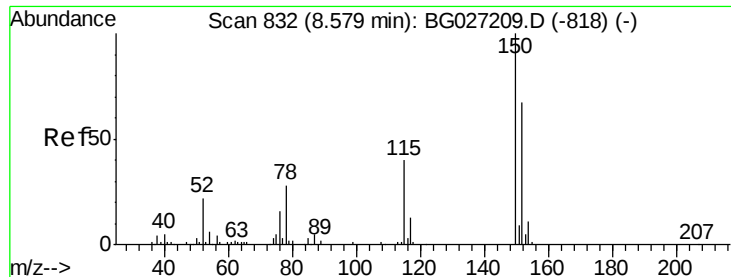
Instrument :  
BNA\_G  
ClientSampleID :  
SB-02-COMPMSD

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM

Quant Time: Jun 07 14:05:27 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 05 16:00:35 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

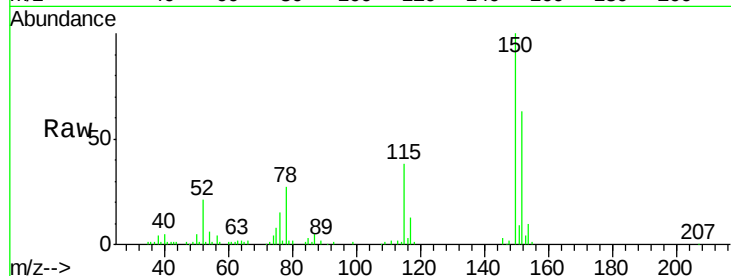
ClientSampleId :

SB-02-COMPMSD

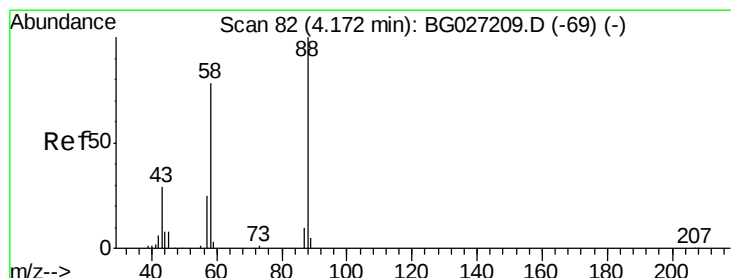
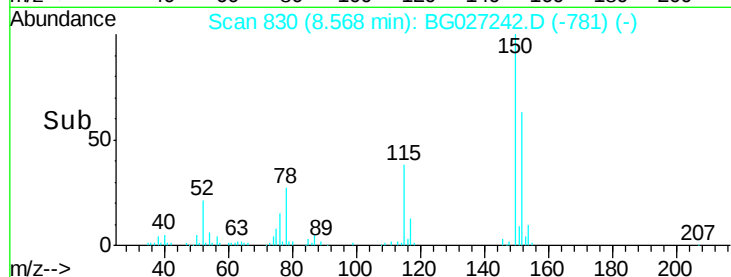
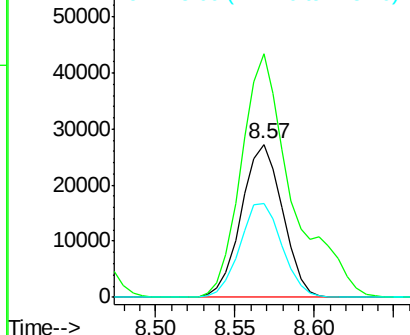
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 49374 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 158.8 | 114.0 | 171.0 |
| 115      | 60.9  | 48.1  | 72.1  |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.447 ng

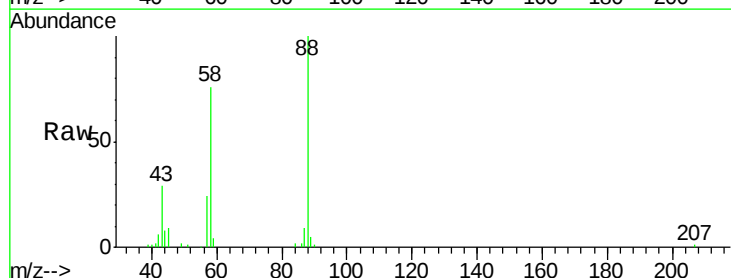
RT: 4.16 min Scan# 80

Delta R.T. -0.01 min

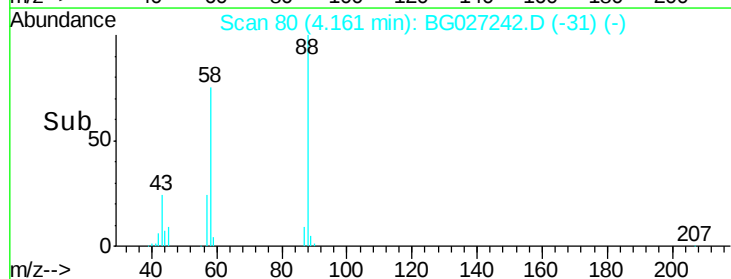
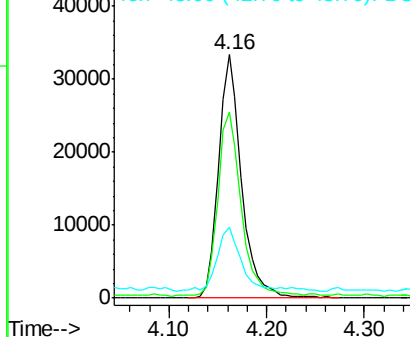
Lab File: BG027242.D

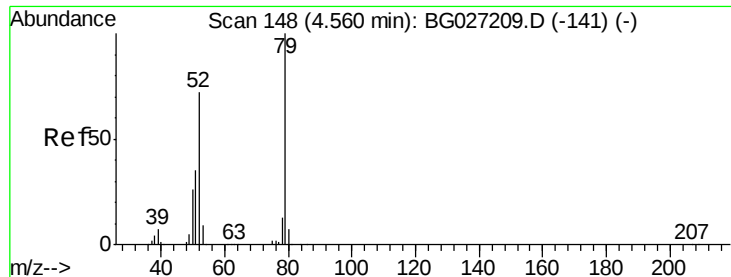
Acq: 6 Jun 2017 10:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 88    | Resp: | 54265  |
| Ion      | Ratio | Lower | Upper  |
| 88       | 100   |       |        |
| 58       | 77.3  | 79.4  | 119.2# |
| 43       | 28.6  | 33.8  | 50.6#  |



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 38.655 ng

RT: 4.54 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

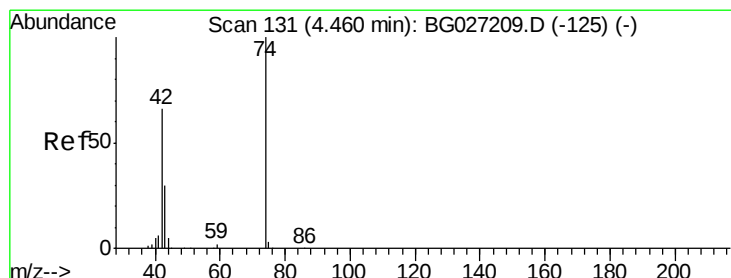
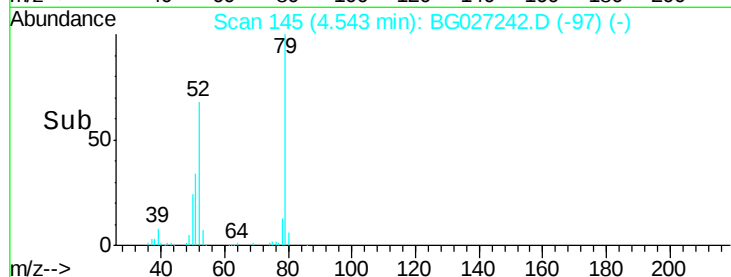
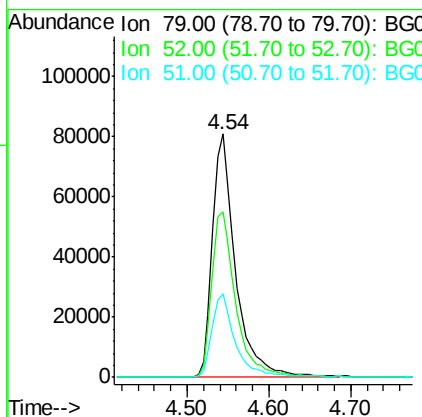
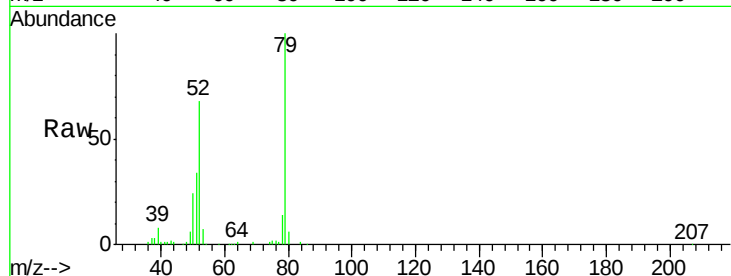
ClientSampleId :

SB-02-COMPMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 159869 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 67.9  | 77.8  | 116.6# |
| 51       | 34.2  | 43.2  | 64.8#  |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



#4

n-Nitrosodimethylamine

Concen: 50.712 ng

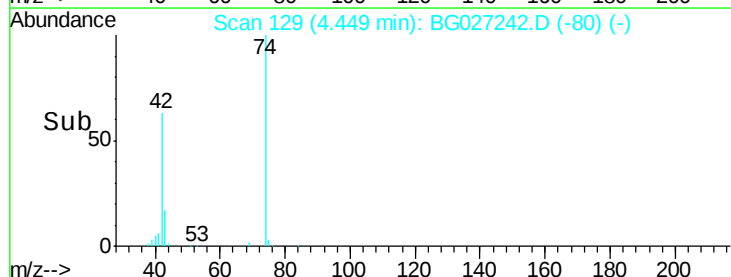
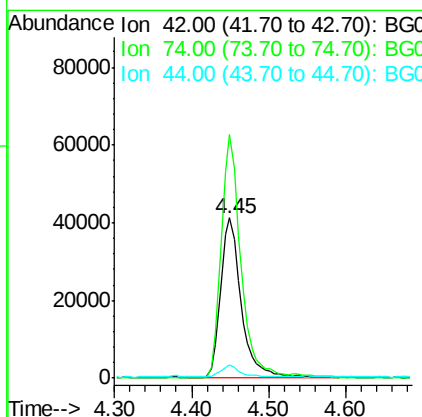
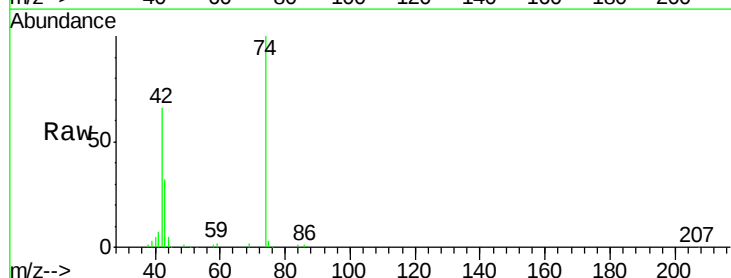
RT: 4.45 min Scan# 129

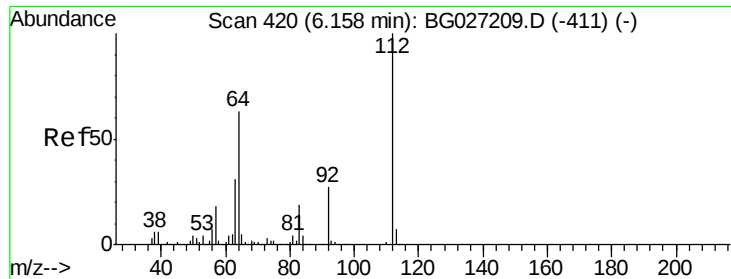
Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 77656  |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 152.1 | 76.7  | 115.1# |
| 44       | 8.1   | 6.1   | 9.1    |





#5

2-Fluorophenol

Concen: 171.577 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

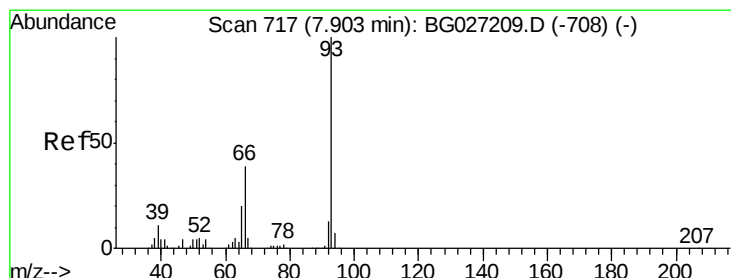
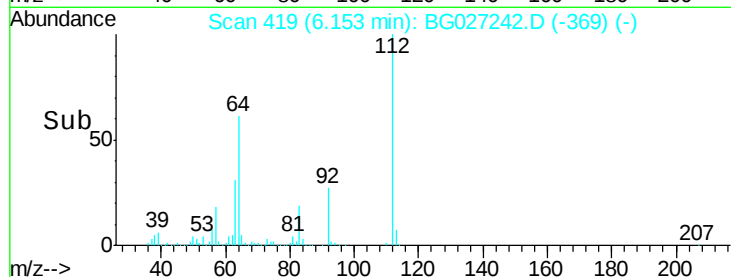
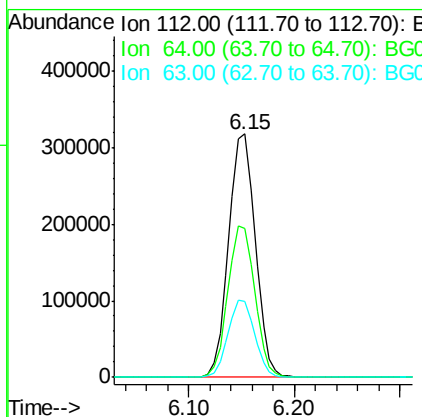
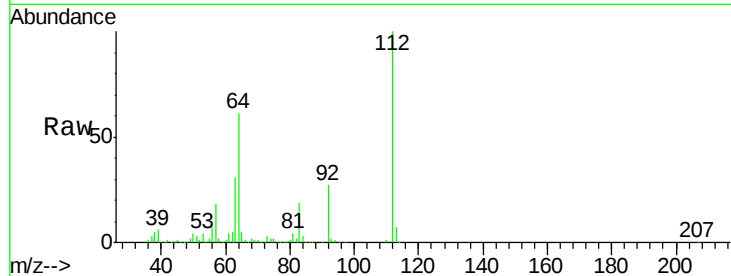
ClientSampleId :

SB-02-COMPMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 555154 |       |       |
| 64      | 61.0  | 61.8   | 92.6# |       |
| 63      | 31.0  | 37.2   | 55.8# |       |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



#6

Aniline

Concen: 38.321 ng

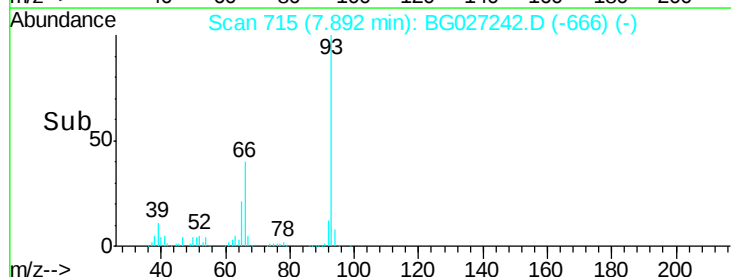
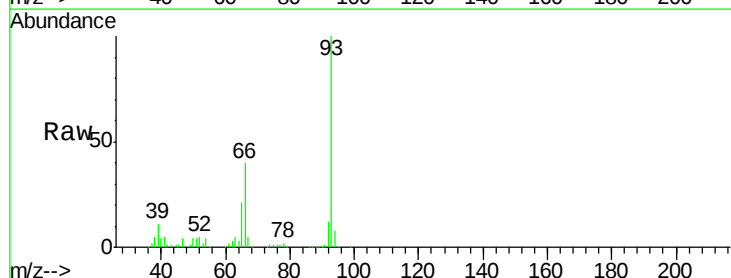
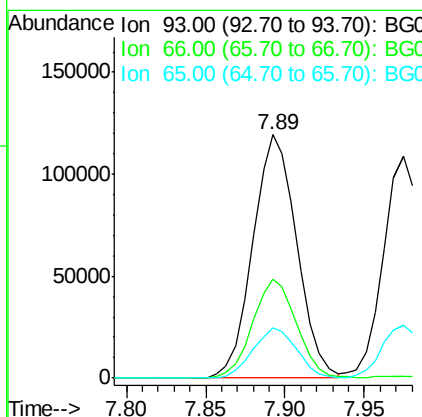
RT: 7.89 min Scan# 715

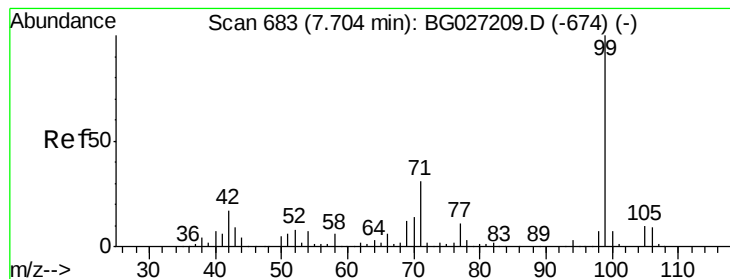
Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 229200 |       |       |
| 66      | 40.4  | 35.4   | 53.2  |       |
| 65      | 20.7  | 21.2   | 31.8# |       |





#7

Phenol-d6

Concen: 166.693 ng

RT: 7.70 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

ClientSampleId :

SB-02-COMPMSD

Tgt Ion: 99 Resp: 791708

Ion Ratio Lower Upper

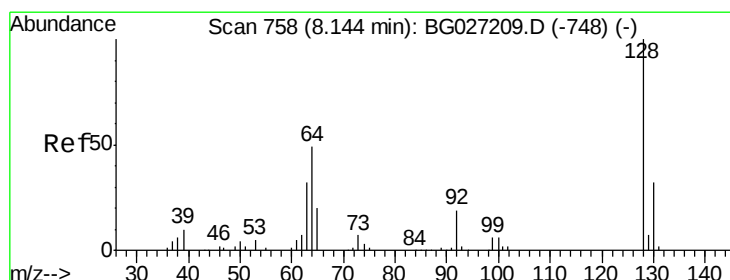
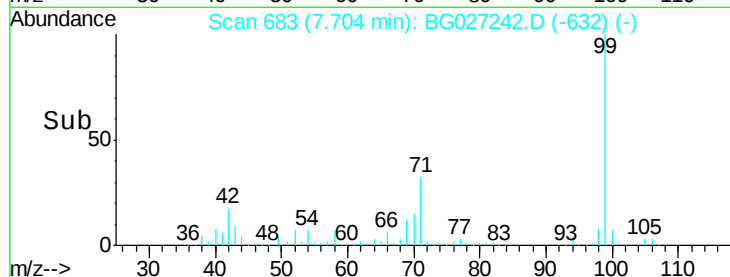
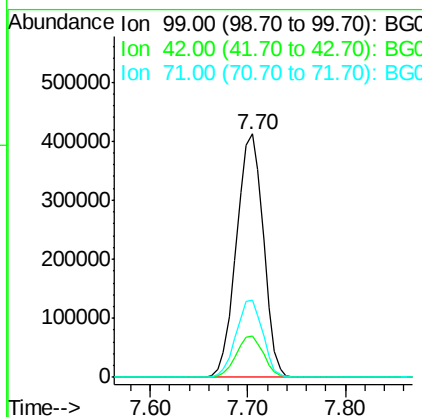
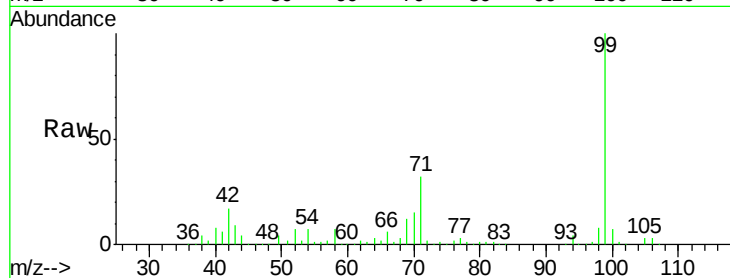
99 100

42 16.8 20.5 30.7#

71 31.8 37.6 56.4#

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



#8

2-Chlorophenol

Concen: 56.602 ng

RT: 8.13 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

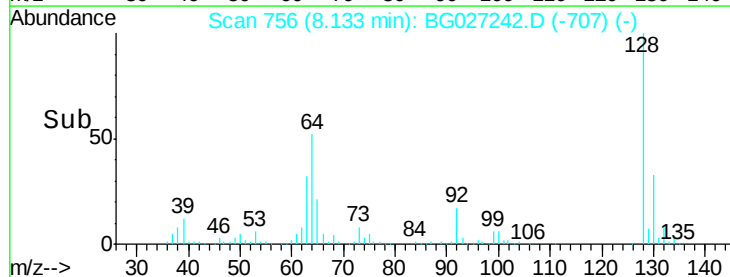
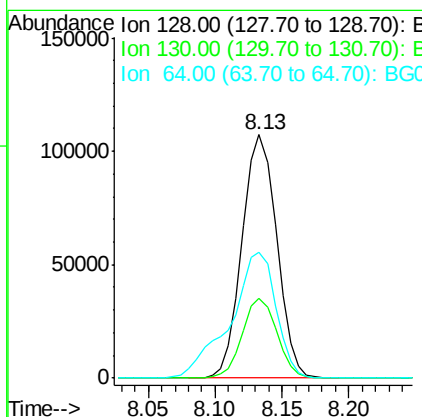
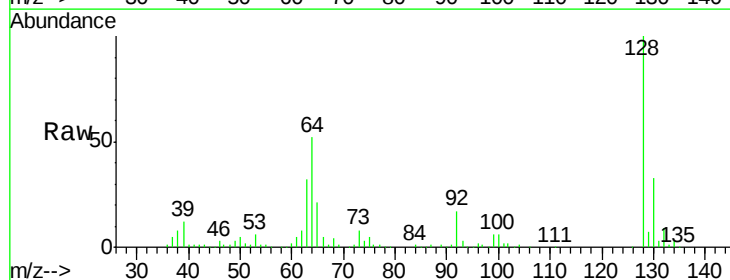
Tgt Ion: 128 Resp: 193384

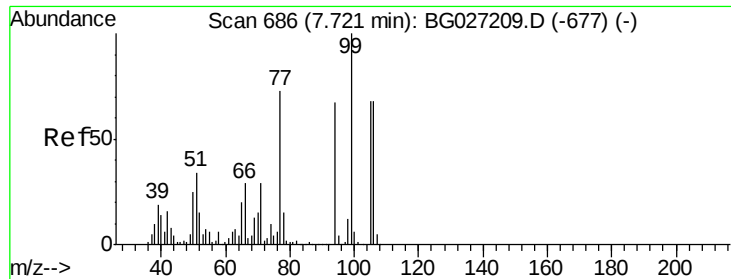
Ion Ratio Lower Upper

128 100

130 32.8 11.4 51.4

64 51.6 46.6 86.6





#9

Benzaldehyde

Concen: 9.454 ng

RT: 7.71 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG027242.D

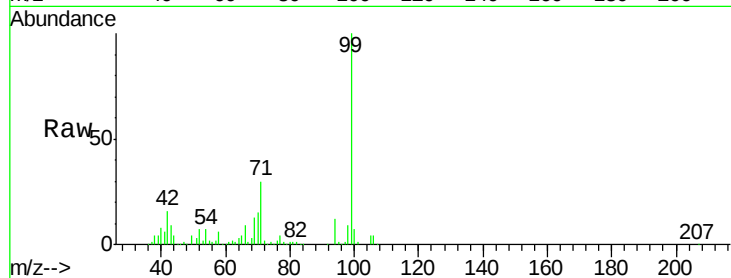
Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

ClientSampleId :

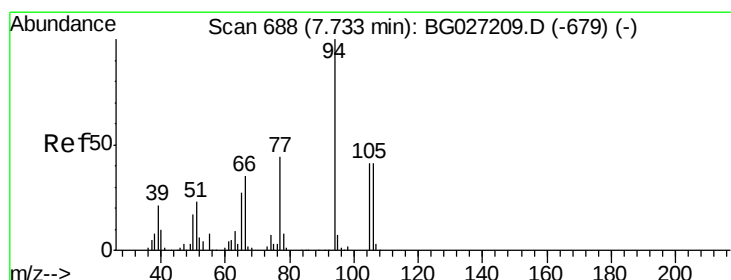
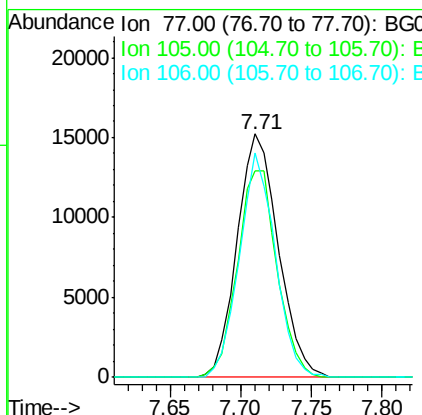
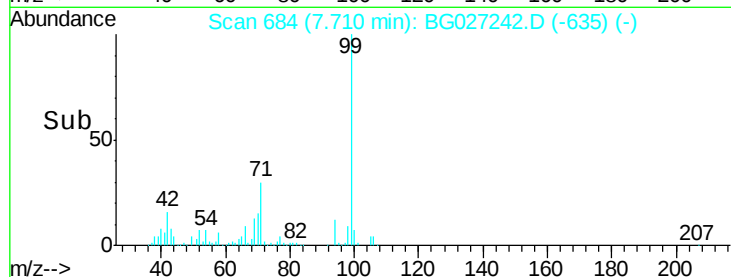
SB-02-COMPMSD



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 31046 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 84.7  | 60.9  | 100.9 |
| 106      | 92.1  | 55.1  | 95.1  |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



#10

Phenol

Concen: 62.623 ng

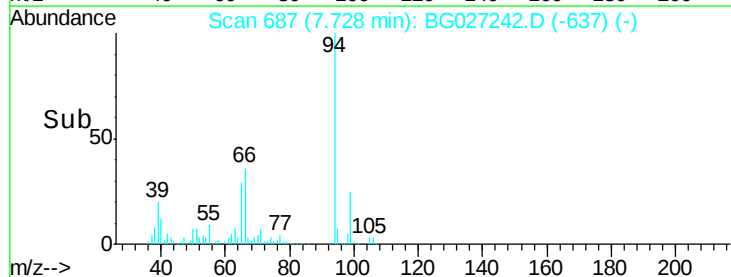
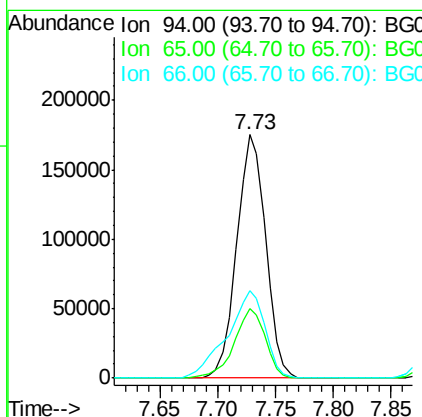
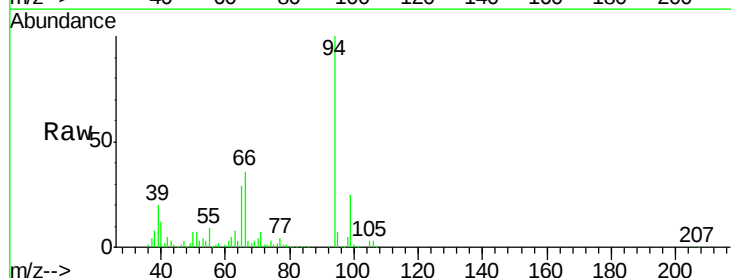
RT: 7.73 min Scan# 687

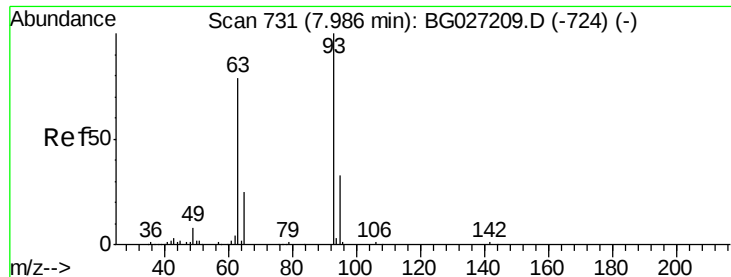
Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 304163 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 28.6  | 20.6  | 60.6   |
| 66       | 35.7  | 35.5  | 75.5   |





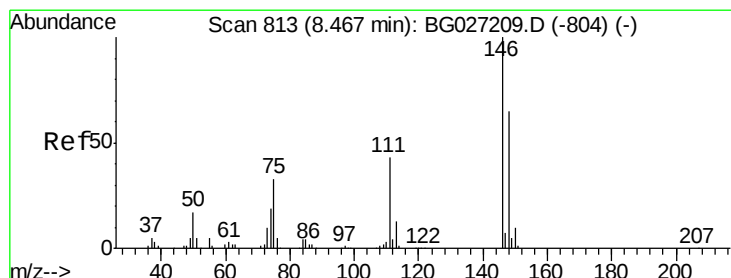
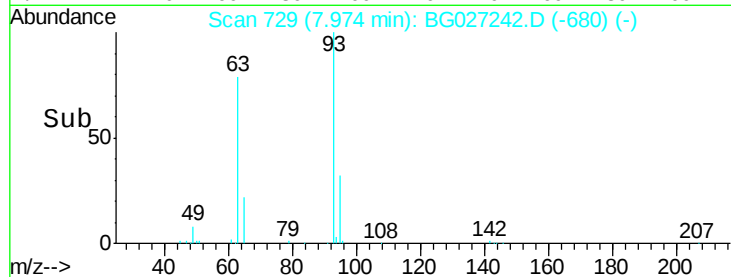
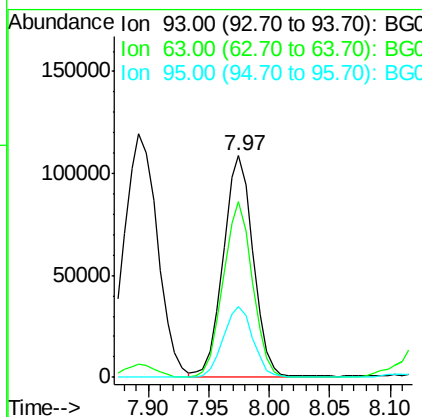
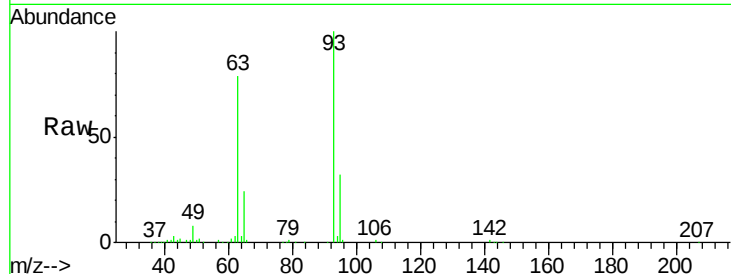
#11  
bis(2-Chloroethyl)ether  
Concen: 47.007 ng  
RT: 7.97 min Scan# 729  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 79.4  | 78.5  | 118.5 |
| 95      | 32.2  | 9.8   | 49.8  |

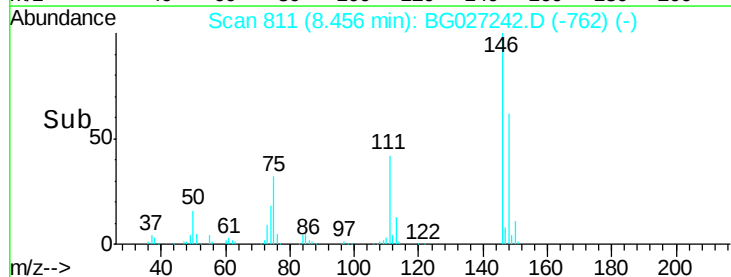
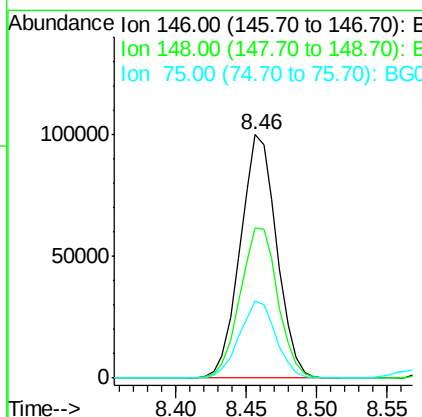
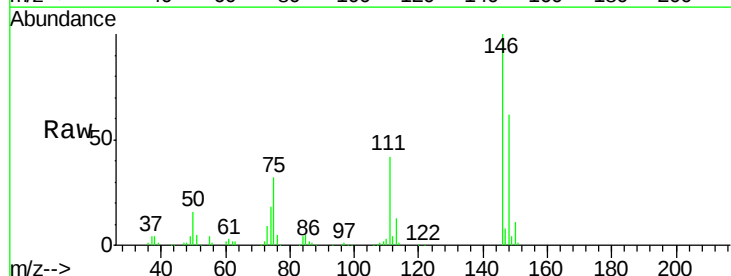
Manual Integrations  
APPROVED

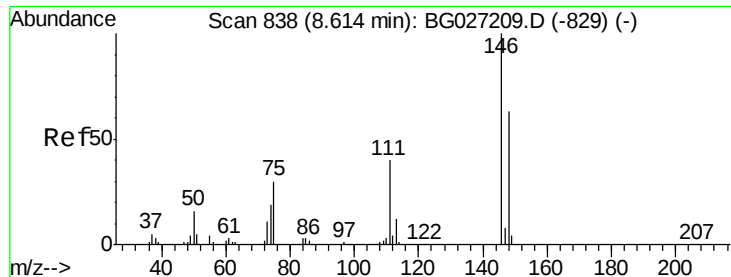
mohammad  
6/8/2017 8:24:14 AM



#12  
1,3-Dichlorobenzene  
Concen: 46.917 ng  
RT: 8.46 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.6  | 49.2  | 73.8  |
| 75      | 31.6  | 33.4  | 50.2# |





#13

1,4-Dichlorobenzene

Concen: 47.287 ng

RT: 8.60 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

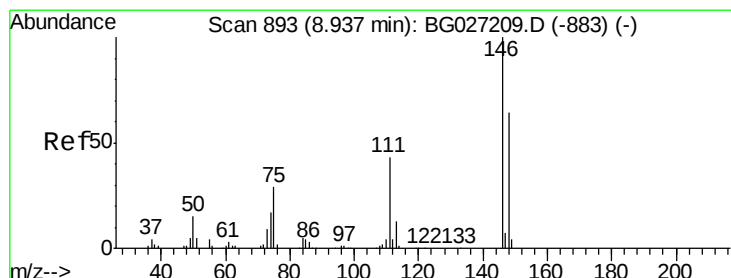
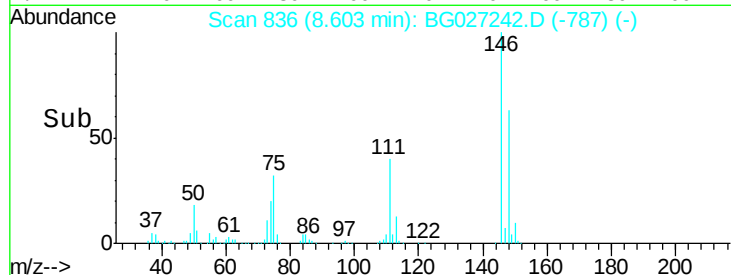
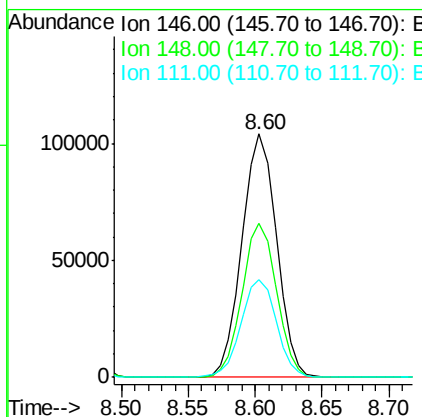
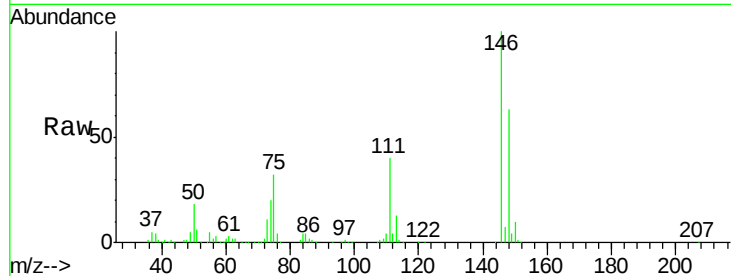
ClientSampleId :

SB-02-COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 187015 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.5  | 52.2  | 78.2   |
| 111       | 40.3  | 37.0  | 55.6   |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



#14

1,2-Dichlorobenzene

Concen: 47.120 ng

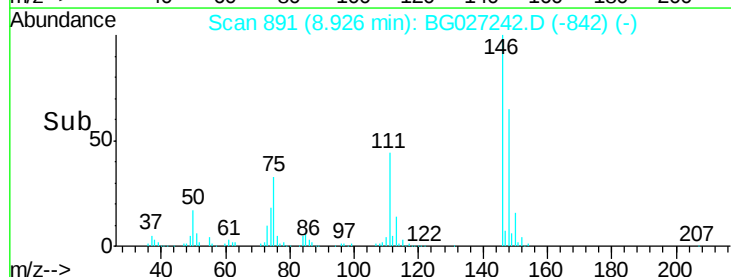
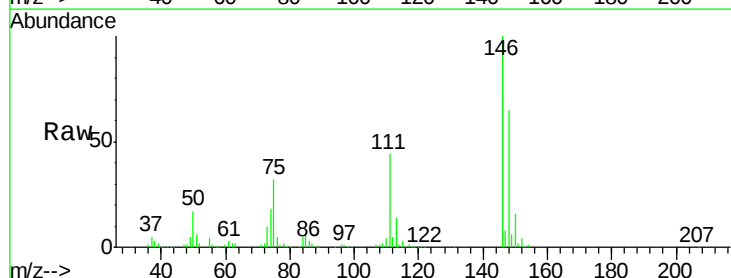
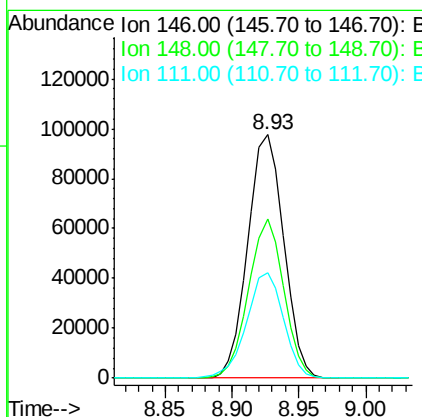
RT: 8.93 min Scan# 891

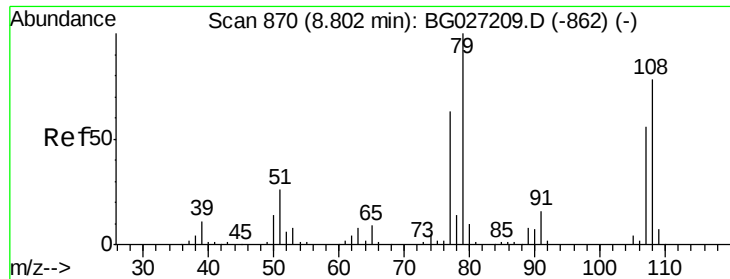
Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 181758 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.4  | 54.6  | 81.8   |
| 111       | 43.5  | 39.7  | 59.5   |





#15

Benzyl Alcohol

Concen: 57.142 ng

RT: 8.79 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

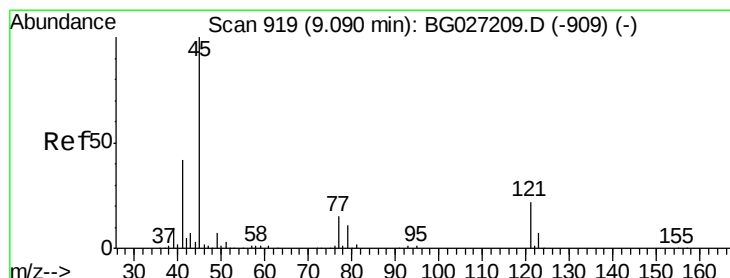
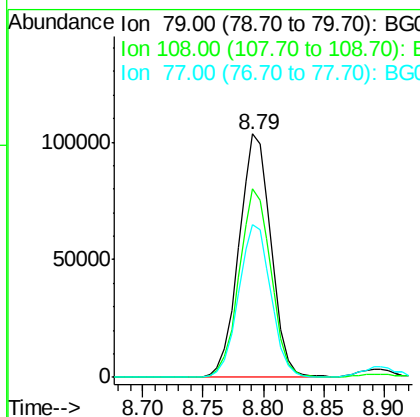
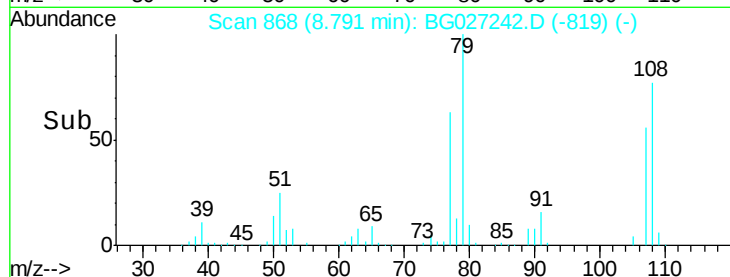
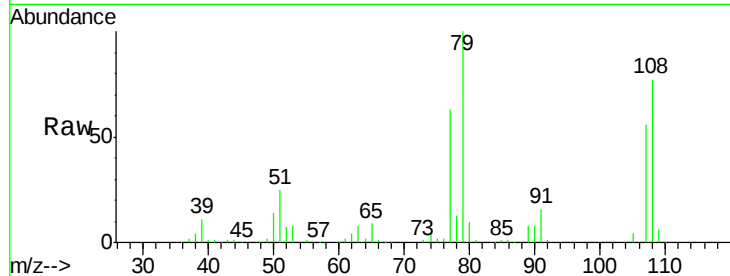
ClientSampleId :

SB-02-COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 191222 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 77.4  | 45.5  | 68.3#  |
| 77        | 62.7  | 54.3  | 81.5   |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.163 ng

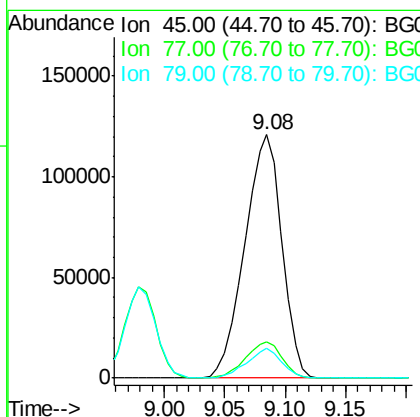
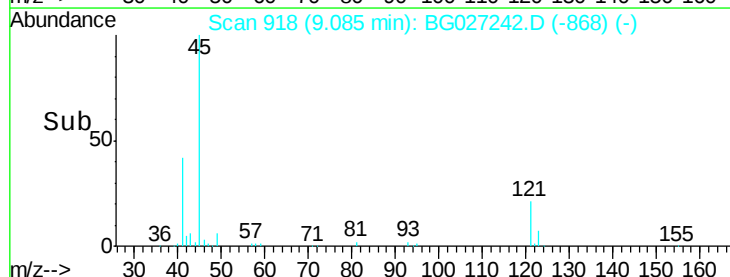
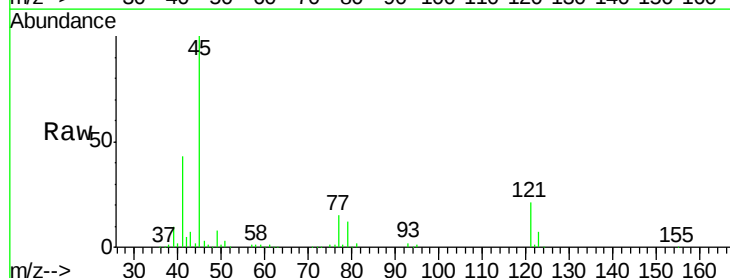
RT: 9.08 min Scan# 918

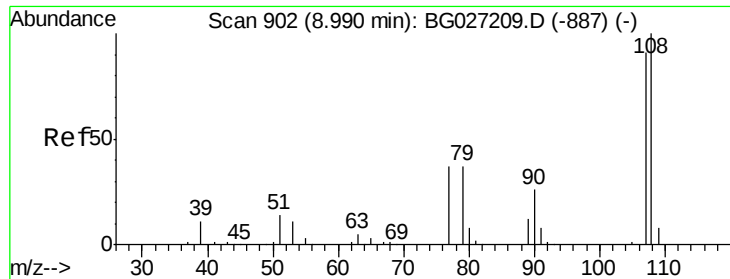
Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 257494 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.1  | 0.0   | 30.6   |
| 79        | 12.0  | 0.0   | 28.5   |





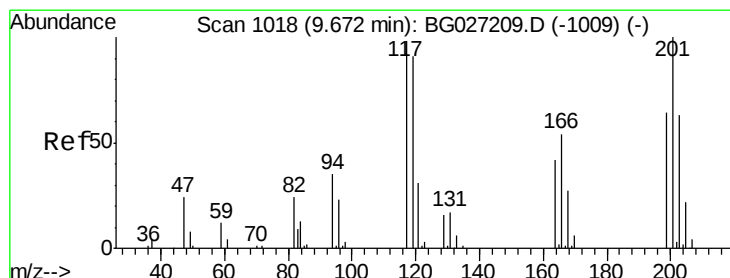
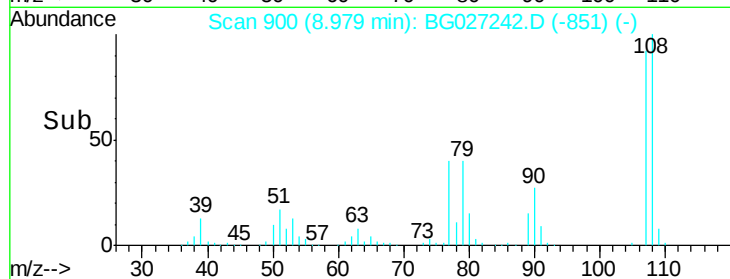
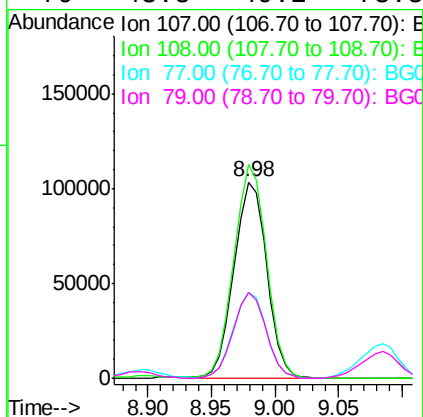
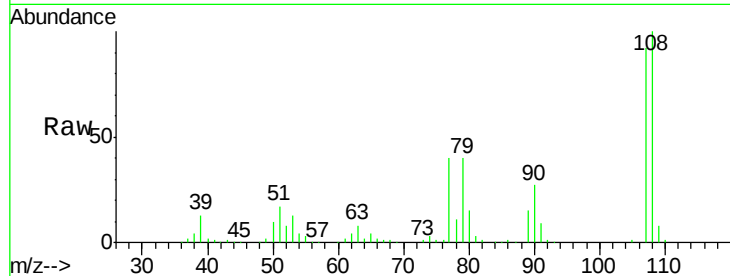
#17  
2-Methylphenol  
Concen: 54.176 ng  
RT: 8.98 min Scan# 900  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 186004 |       |       |
| 108     | 108.8 | 85.6   | 128.4 |       |
| 77      | 43.9  | 51.4   | 77.2# |       |
| 79      | 43.8  | 49.2   | 73.8# |       |

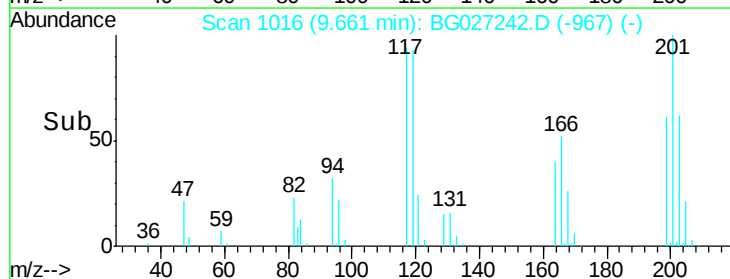
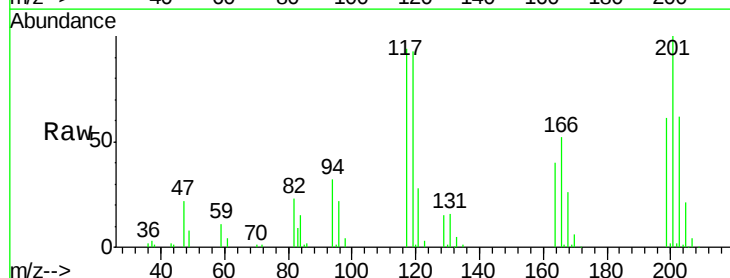
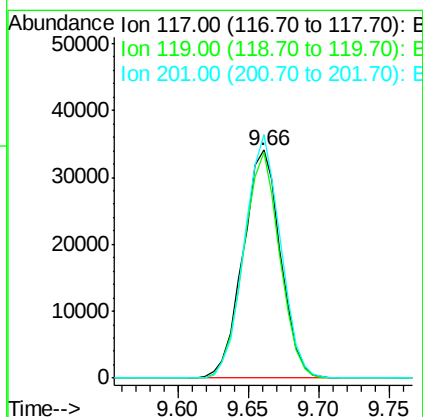
Manual Integrations  
APPROVED

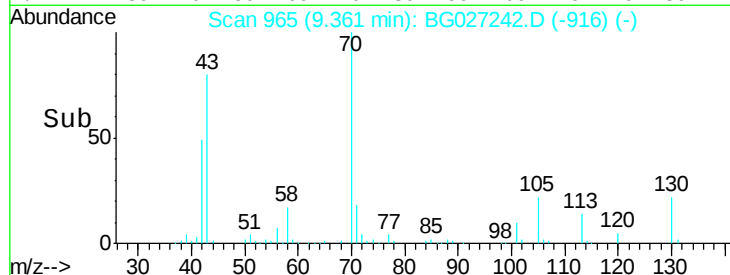
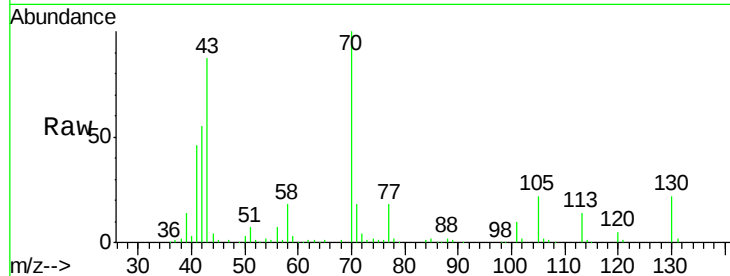
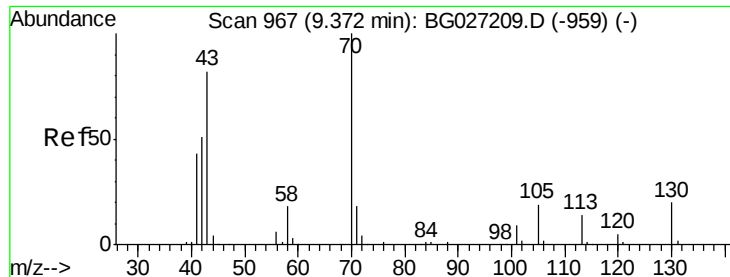
mohammad  
6/8/2017 8:24:14 AM



#18  
Hexachloroethane  
Concen: 47.657 ng  
RT: 9.66 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 63489 |       |       |
| 119     | 99.2  | 69.8  | 104.6 |       |
| 201     | 106.9 | 95.4  | 143.0 |       |





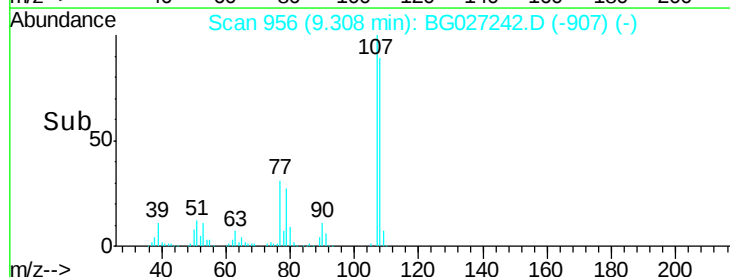
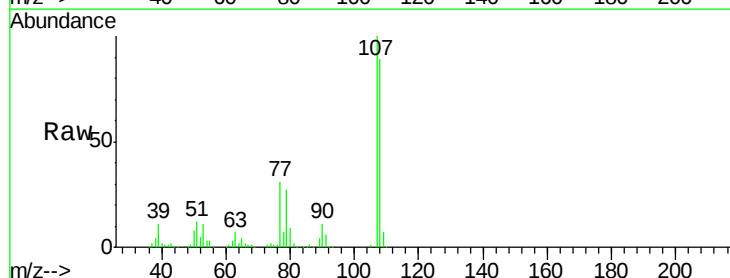
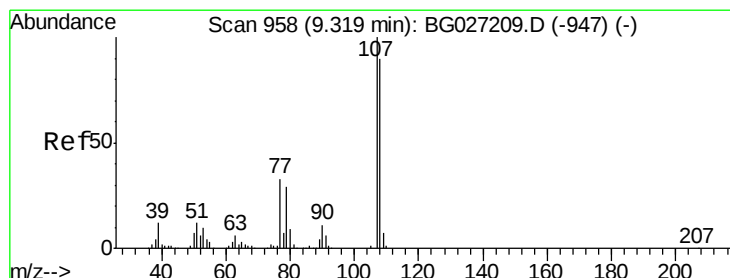
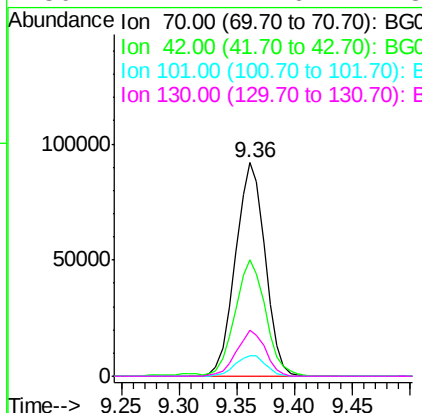
#19  
n-Nitroso-di-n-propylamine  
Concen: 49.136 ng  
RT: 9.36 min Scan# 965  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 54.7  | 56.1  | 84.1# |
| 101     | 9.9   | 7.5   | 11.3  |
| 130     | 21.7  | 14.6  | 21.8  |

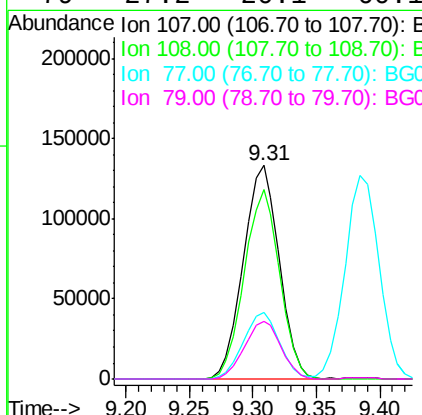
Manual Integrations  
APPROVED

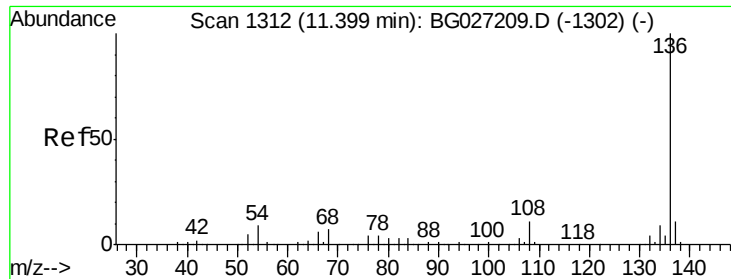
mohammad  
6/8/2017 8:24:14 AM



#20  
3+4-Methylphenols  
Concen: 55.071 ng  
RT: 9.31 min Scan# 956  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.8  | 70.8  | 110.8 |
| 77      | 31.4  | 25.8  | 65.8  |
| 79      | 27.2  | 20.1  | 60.1  |





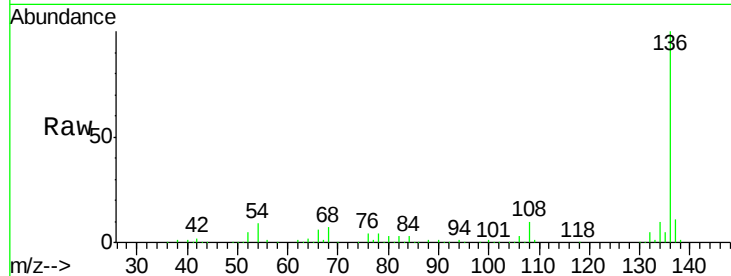
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.39 min Scan# 1310  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD

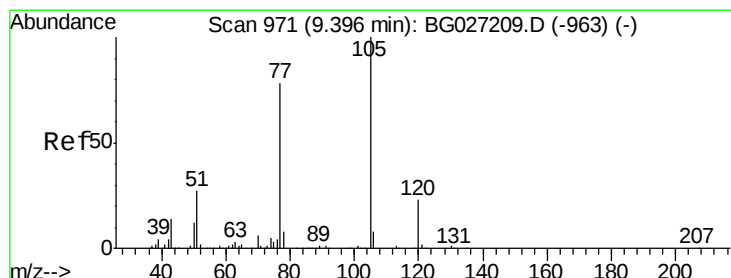
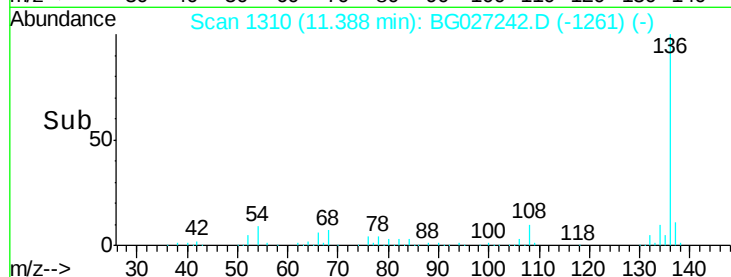
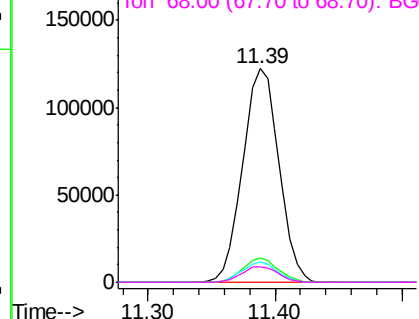
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 242210 |       |       |
| 137     | 11.3  | 8.9    | 13.3  |       |
| 54      | 9.3   | 9.3    | 13.9  |       |
| 68      | 7.1   | 5.1    | 7.7   |       |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



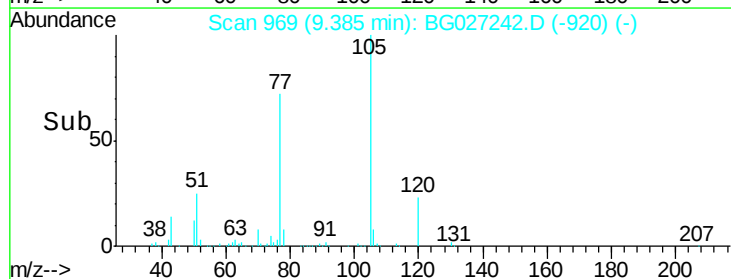
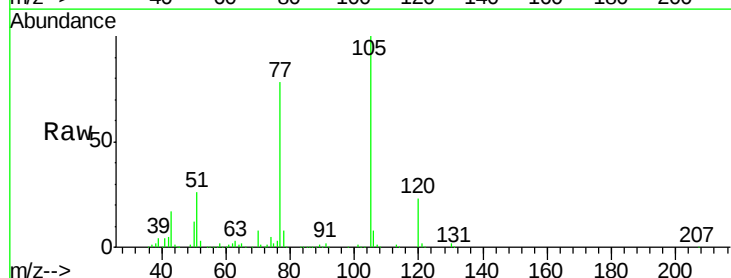
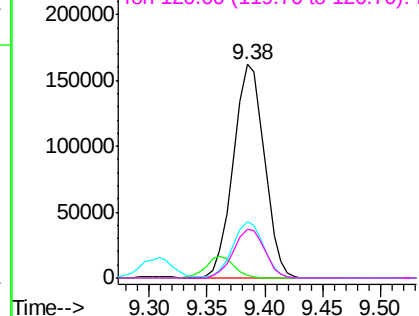
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

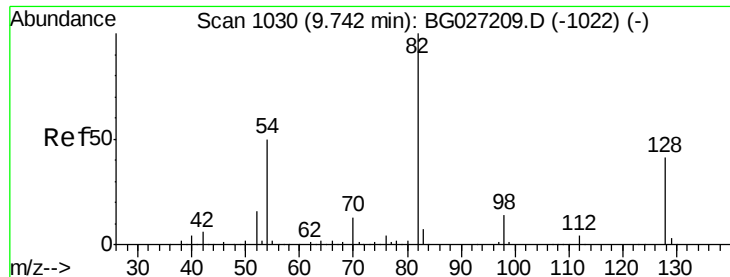


#22  
Acetophenone  
Concen: 48.989 ng  
RT: 9.38 min Scan# 969  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 303446 |       |       |
| 71      | 1.2   | 0.9    | 1.3   |       |
| 51      | 26.2  | 34.0   | 51.0# |       |
| 120     | 22.6  | 17.3   | 25.9  |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E





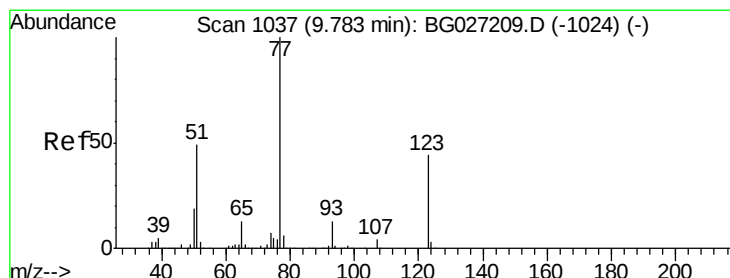
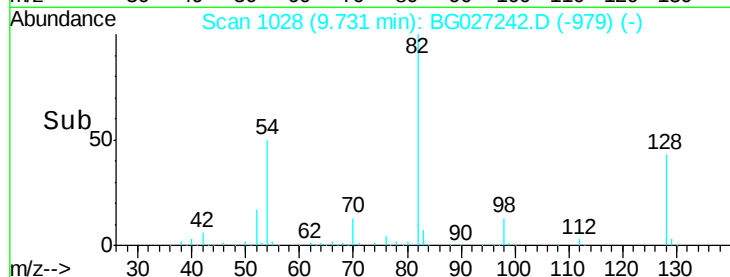
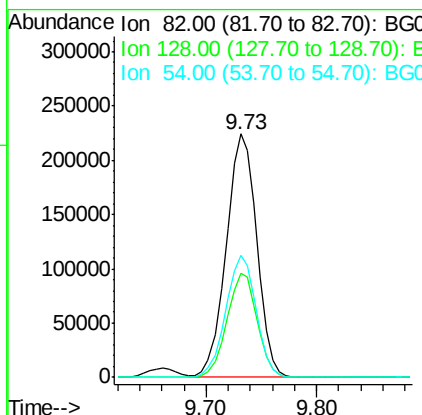
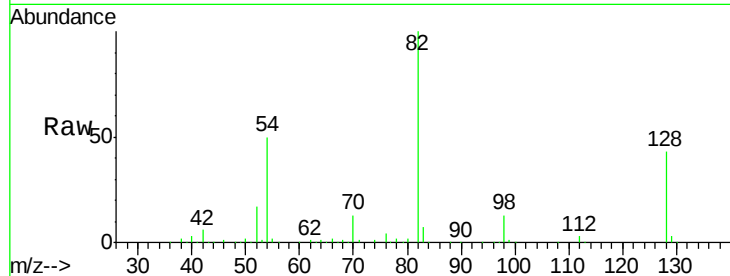
#23  
 Nitrobenzene-d5  
 Concen: 112.764 ng  
 RT: 9.73 min Scan# 1028  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.7  | 26.4  | 39.6# |
| 54      | 50.3  | 49.4  | 74.2  |

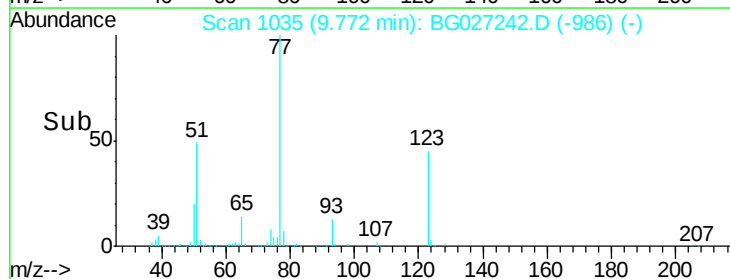
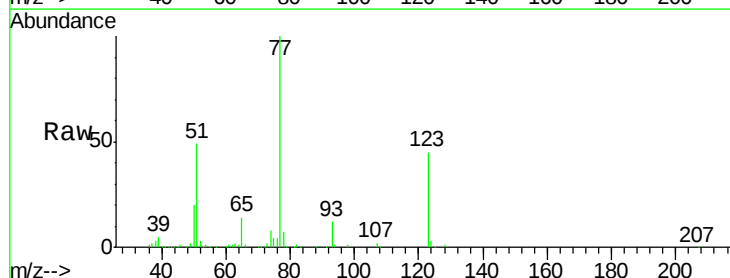
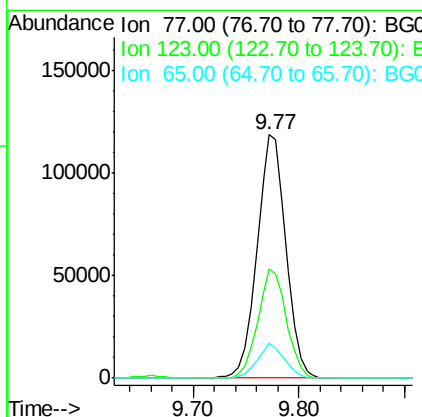
Manual Integrations  
 APPROVED

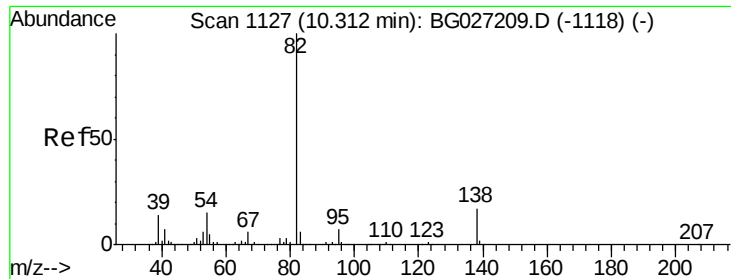
mohammad  
 6/8/2017 8:24:14 AM



#24  
 Nitrobenzene  
 Concen: 51.173 ng  
 RT: 9.77 min Scan# 1035  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.6  | 26.1  | 39.1# |
| 65      | 14.2  | 12.4  | 18.6  |





#25

Isophorone

Concen: 49.471 ng

RT: 10.30 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

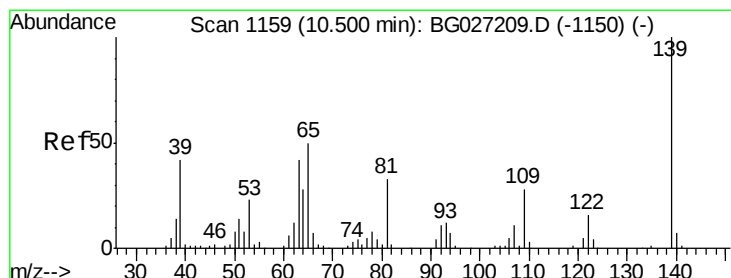
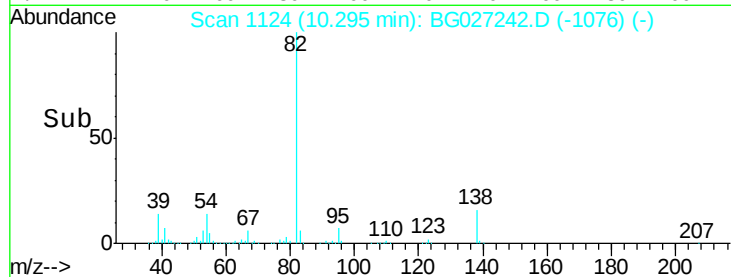
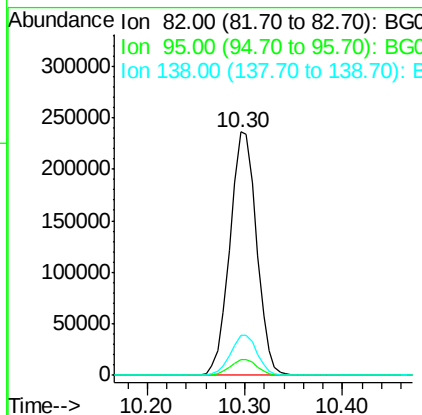
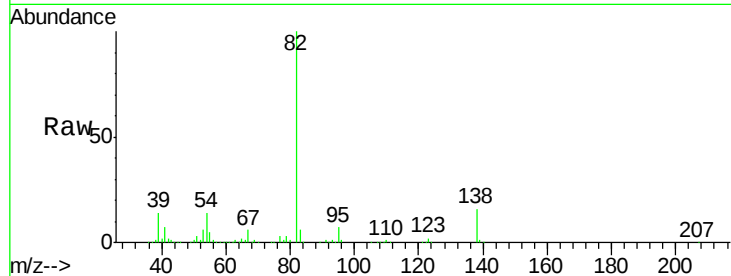
ClientSampleId :

SB-02-COMPMSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 448021 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.6  | 7.5   | 11.3#  |
| 138       | 16.3 | 12.3  | 18.5   |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



#26

2-Nitrophenol

Concen: 55.701 ng

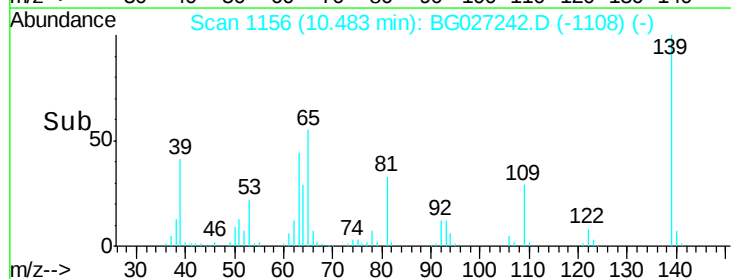
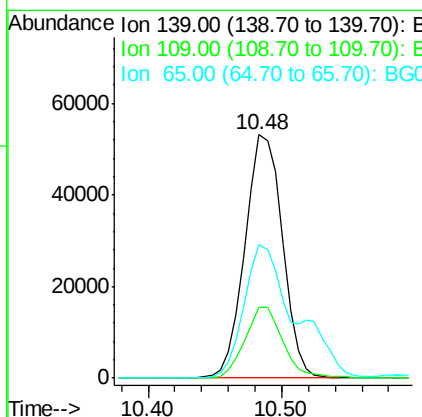
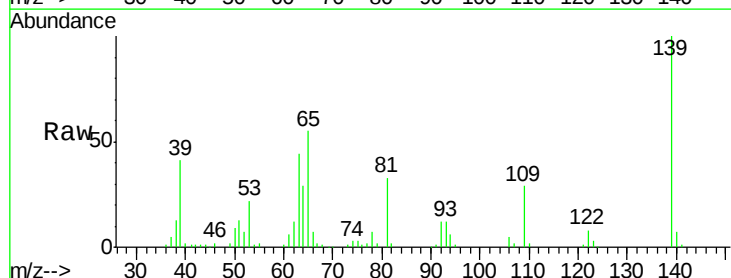
RT: 10.48 min Scan# 1156

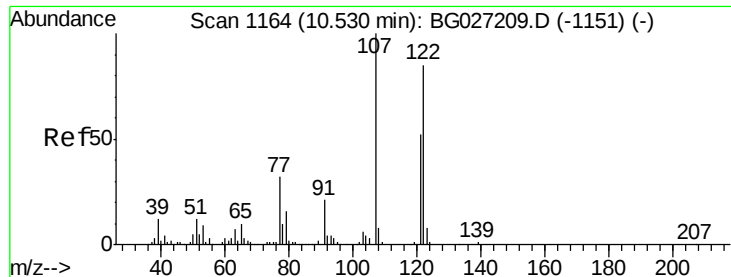
Delta R.T. -0.02 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 103212 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 29.1 | 38.6  | 58.0#  |
| 65        | 54.9 | 57.1  | 85.7#  |





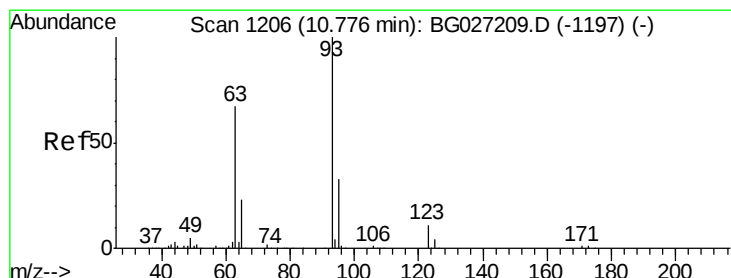
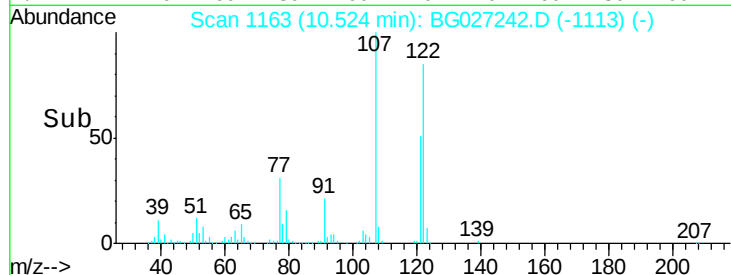
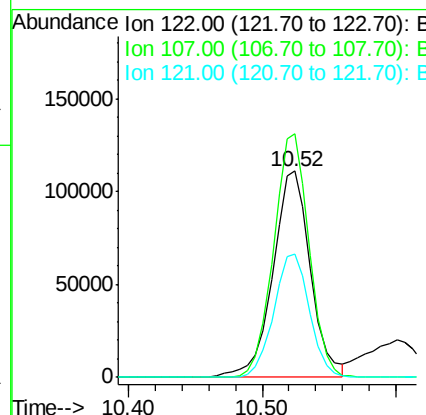
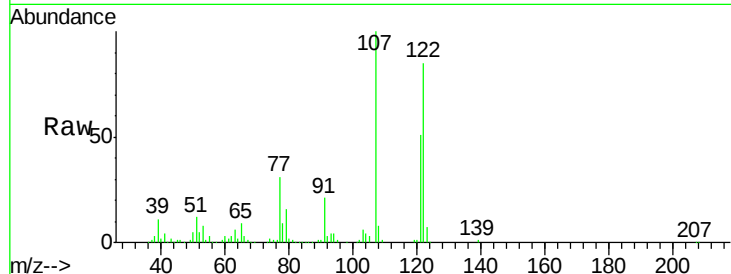
#27  
 2,4-Dimethylphenol  
 Concen: 55.927 ng  
 RT: 10.52 min Scan# 1163  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 118.1 | 104.2 | 156.4 |
| 121     | 59.8  | 46.0  | 69.0  |

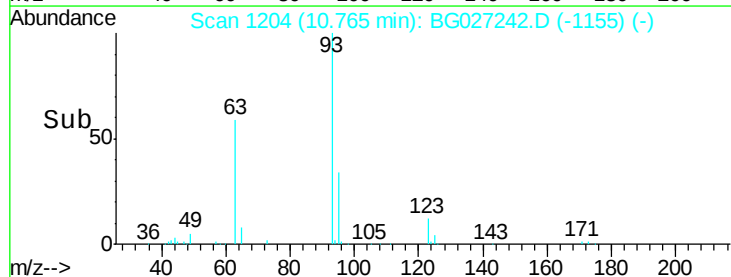
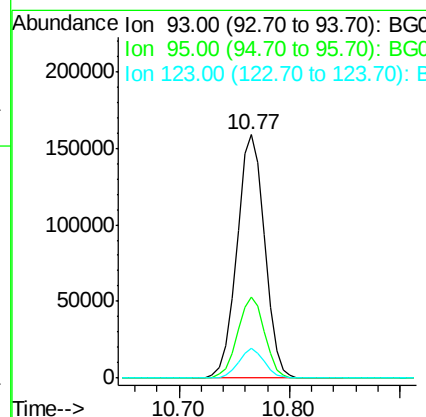
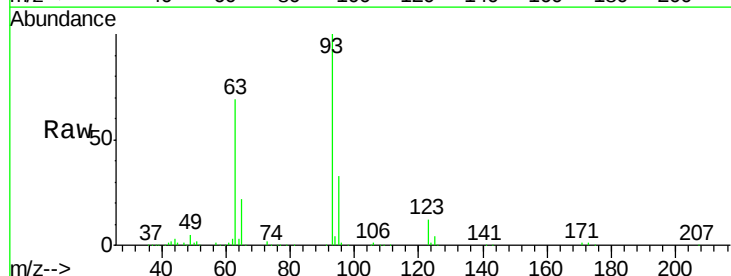
Manual Integrations  
 APPROVED

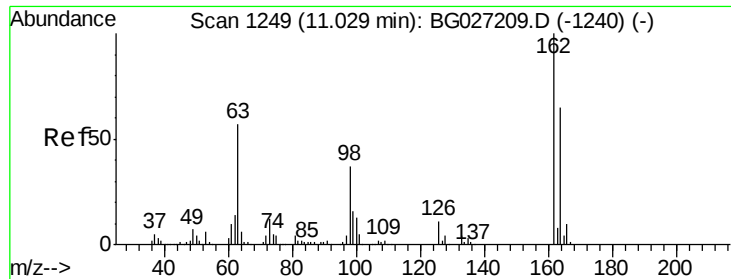
mohammad  
 6/8/2017 8:24:14 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 47.580 ng  
 RT: 10.77 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.2  | 25.7  | 38.5  |
| 123     | 12.2  | 8.3   | 12.5  |





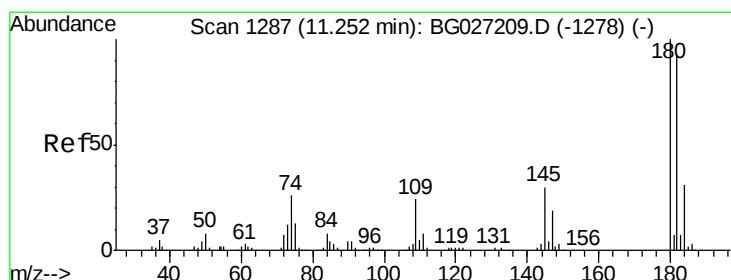
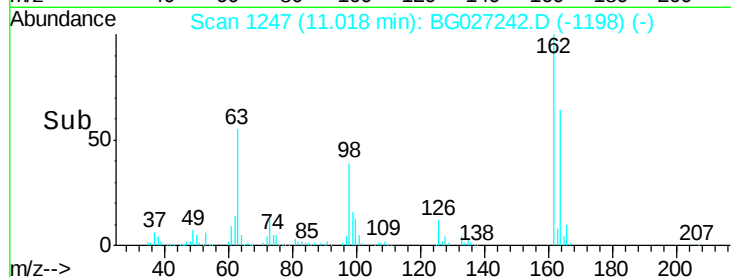
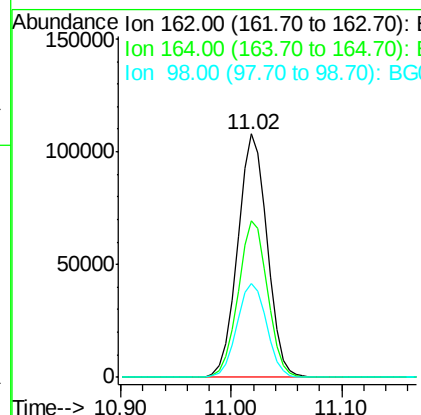
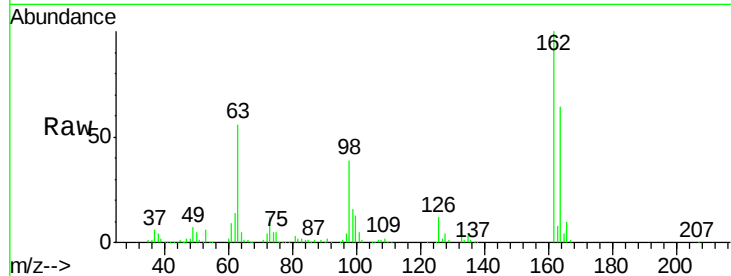
#29  
2,4-Dichlorophenol  
Concen: 56.772 ng  
RT: 11.02 min Scan# 1247  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 201807 |       |       |
| 164     | 64.2  | 42.4   | 82.4  |       |
| 98      | 38.5  | 20.3   | 60.3  |       |

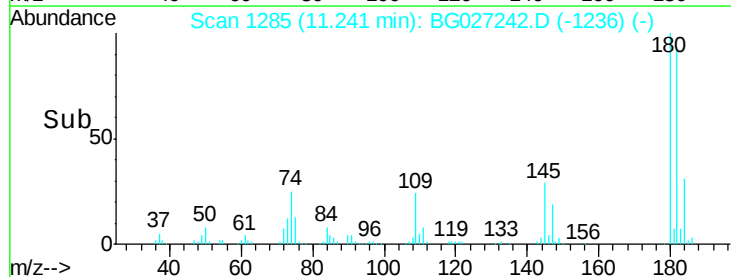
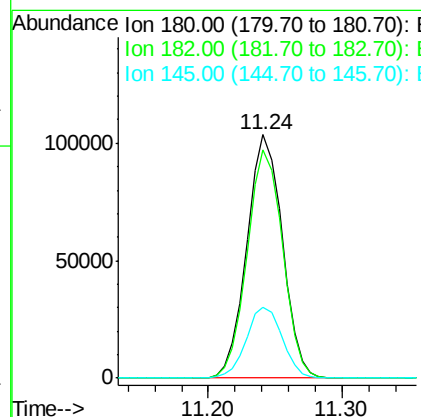
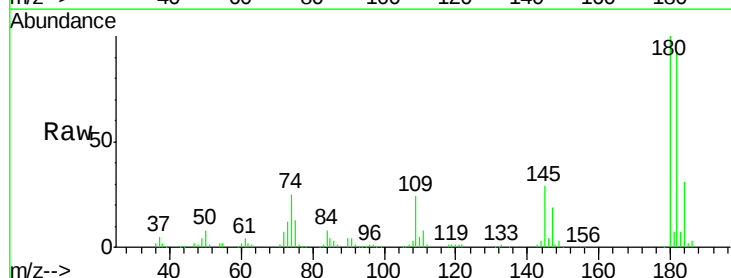
Manual Integrations  
APPROVED

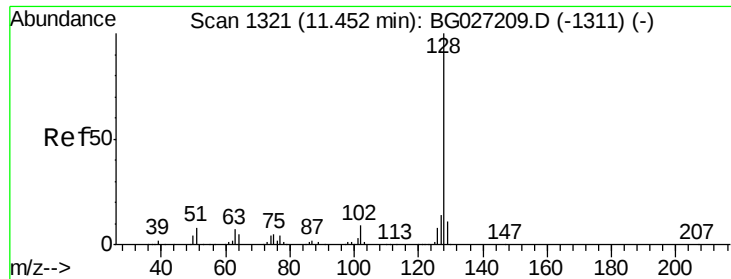
mohammad  
6/8/2017 8:24:14 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 48.325 ng  
RT: 11.24 min Scan# 1285  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 190211 |       |       |
| 182     | 93.5  | 77.0   | 115.4 |       |
| 145     | 29.0  | 23.4   | 35.0  |       |





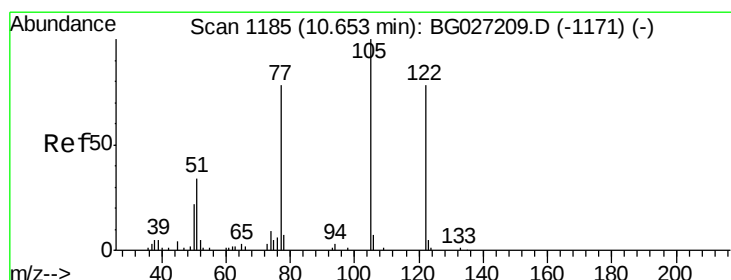
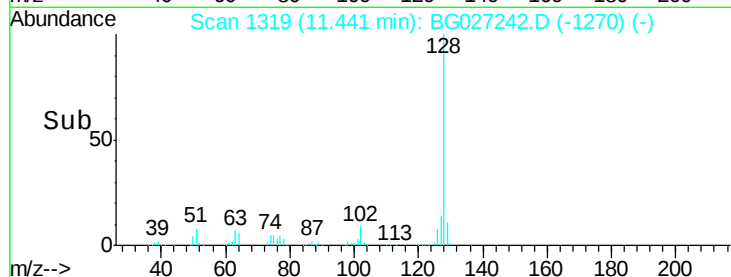
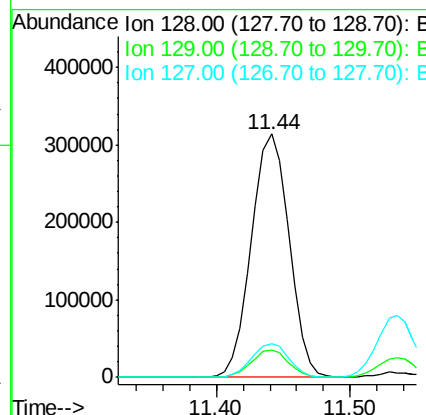
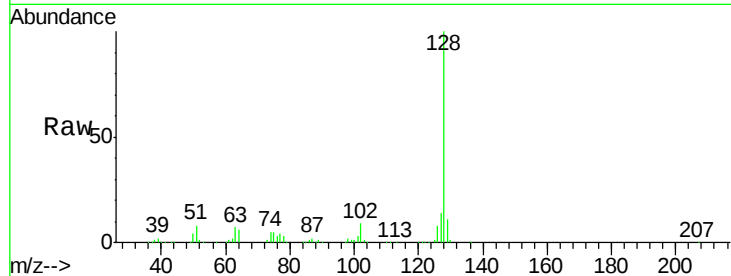
#31  
Naphthalene  
Concen: 46.408 ng  
RT: 11.44 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 614326 |       |       |
| 129     | 11.2  | 9.3    | 13.9  |       |
| 127     | 13.7  | 11.4   | 17.0  |       |

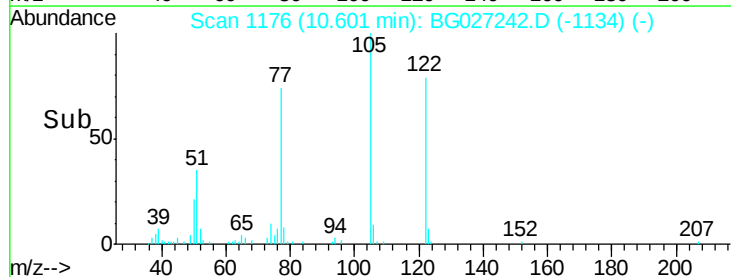
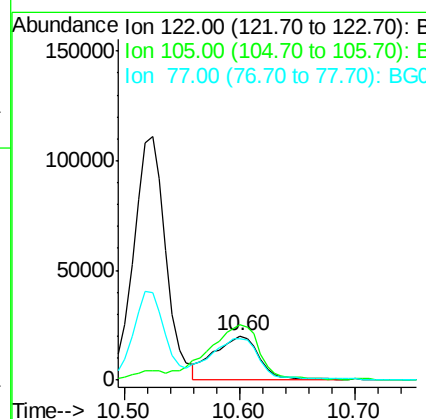
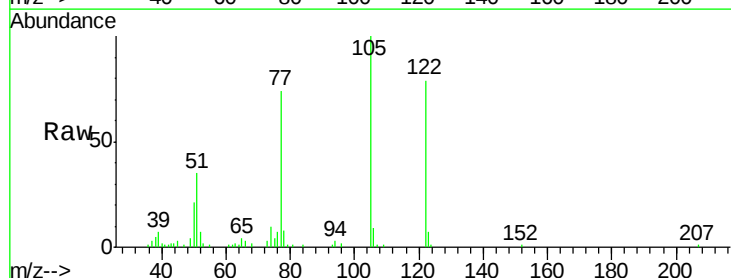
Manual Integrations  
APPROVED

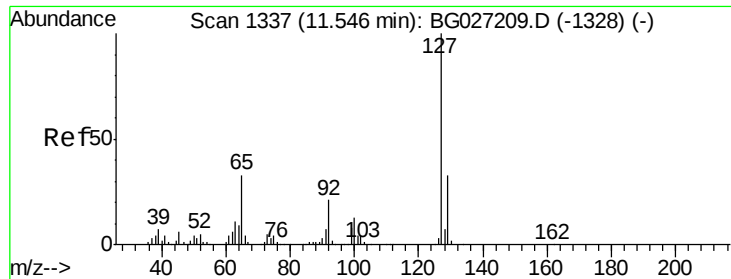
mohammad  
6/8/2017 8:24:14 AM



#32  
Benzoic acid  
Concen: 24.543 ng  
RT: 10.60 min Scan# 1176  
Delta R.T. -0.05 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

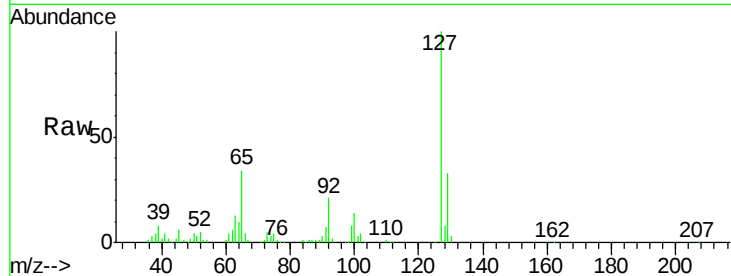
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 53422 |       |       |
| 105     | 127.0 | 120.1 | 160.1 |       |
| 77      | 93.8  | 104.6 | 144.6 |       |





#33  
4-Chloroaniline  
Concen: 28.848 ng  
RT: 11.53 min Scan# 1335  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

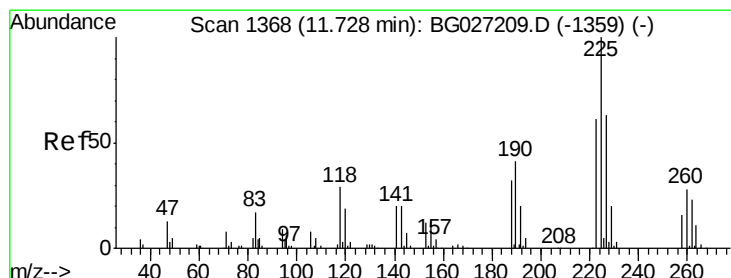
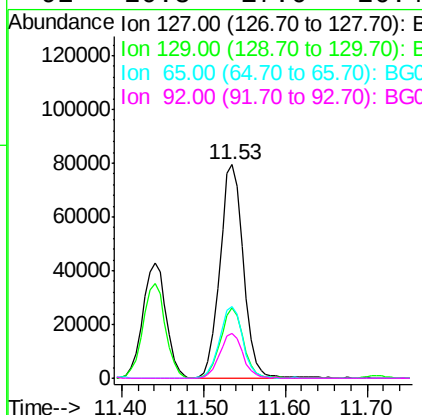
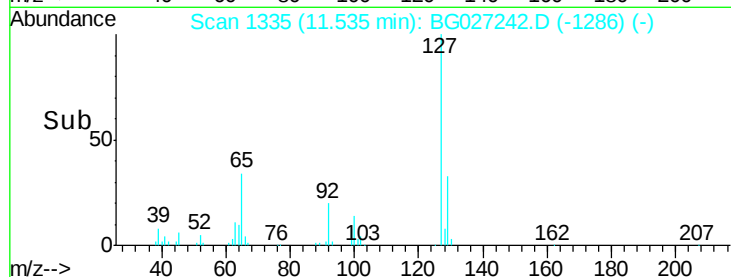
Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 127     | 100   |            |            |
| 129     | 32.8  | 23.6       | 35.4       |
| 65      | 33.7  | 37.7       | 56.5       |
| 92      | 20.8  | 17.6       | 26.4       |

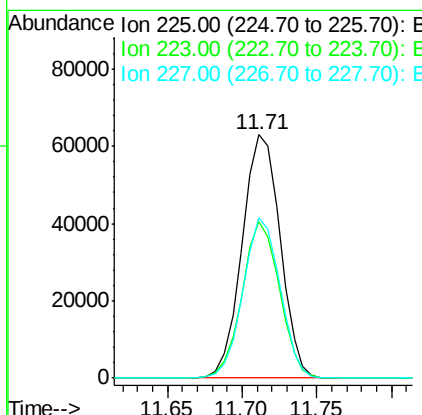
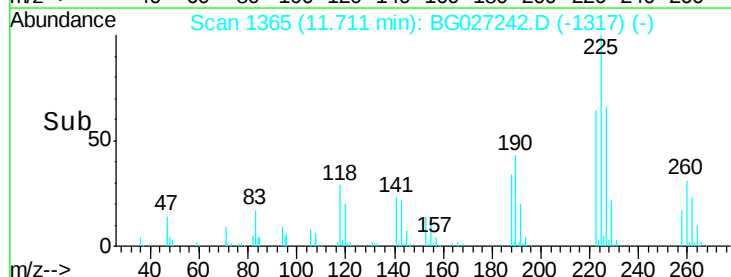
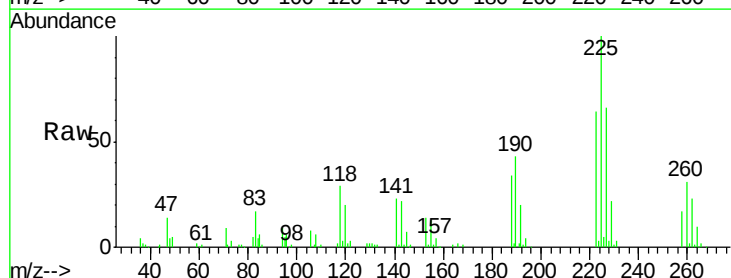
Manual Integrations  
APPROVED

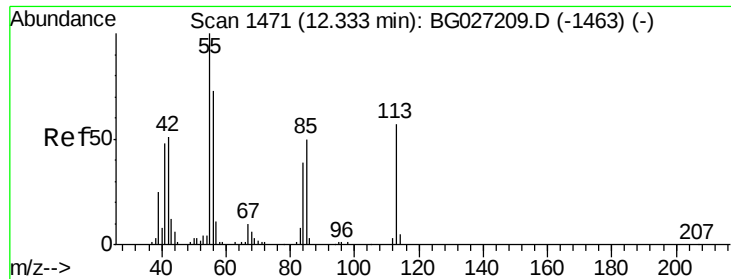
mohammad  
6/8/2017 8:24:14 AM



#34  
Hexachlorobutadiene  
Concen: 45.962 ng  
RT: 11.71 min Scan# 1365  
Delta R.T. -0.02 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 225     | 100   |            |            |
| 223     | 64.2  | 50.7       | 76.1       |
| 227     | 65.9  | 49.0       | 73.6       |





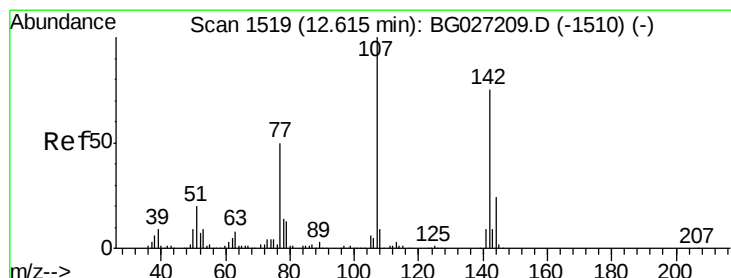
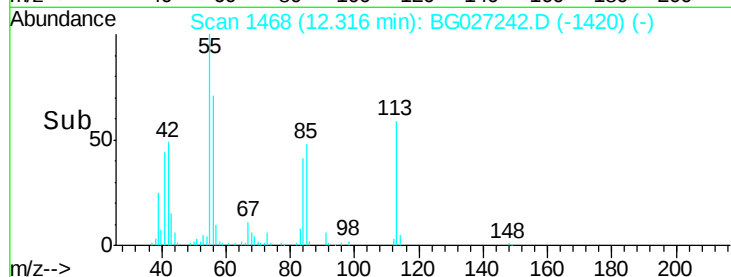
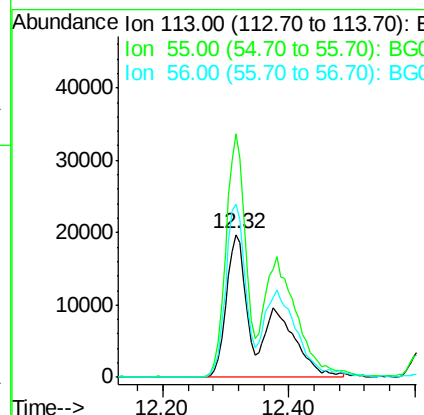
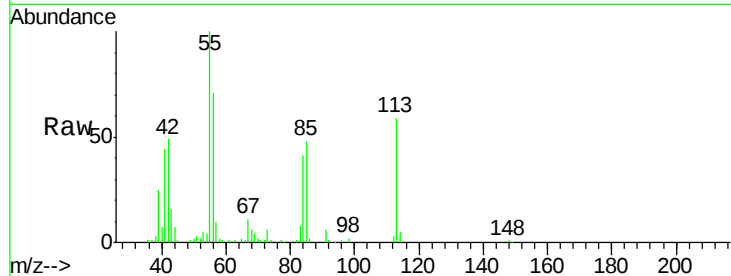
#35  
 Caprolactam  
 Concen: 61.679 ng m  
 RT: 12.32 min Scan# 1468  
 Delta R.T. -0.02 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

Tgt Ion:113 Resp: 75195  
 Ion Ratio Lower Upper  
 113 100  
 55 170.5 198.6 238.6#  
 56 121.5 140.4 180.4#

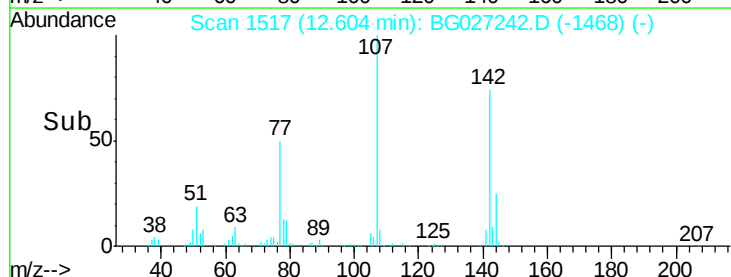
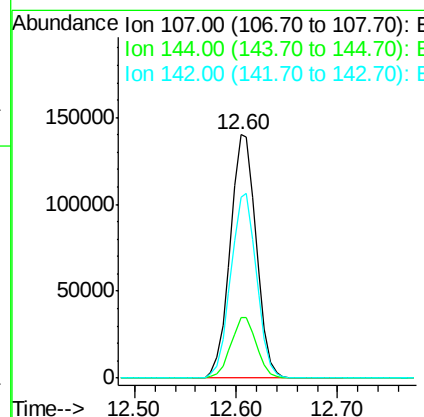
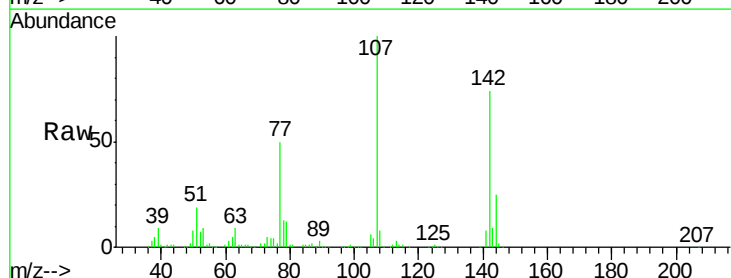
Manual Integrations  
 APPROVED

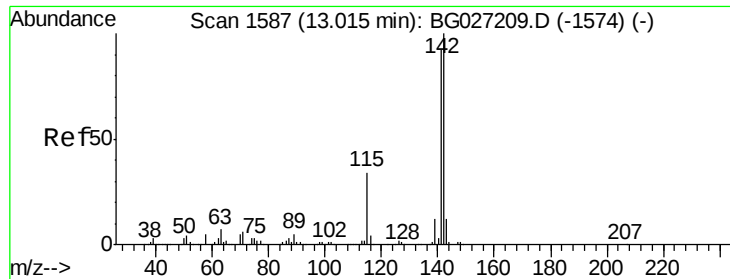
mohammad  
 6/8/2017 8:24:14 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 55.951 ng  
 RT: 12.60 min Scan# 1517  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Tgt Ion:107 Resp: 249275  
 Ion Ratio Lower Upper  
 107 100  
 144 24.9 17.4 26.0  
 142 74.3 54.1 81.1





#37

2-Methylnaphthalene

Concen: 48.322 ng m

RT: 13.00 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

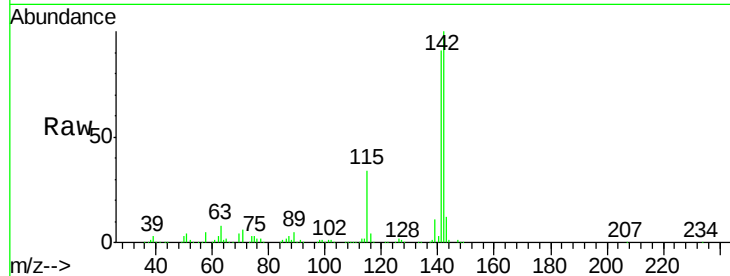
ClientSampleId :

SB-02-COMPMSD

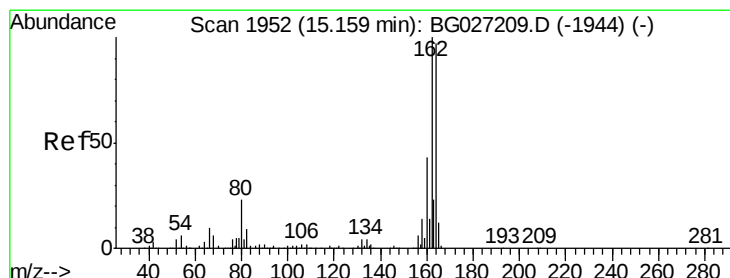
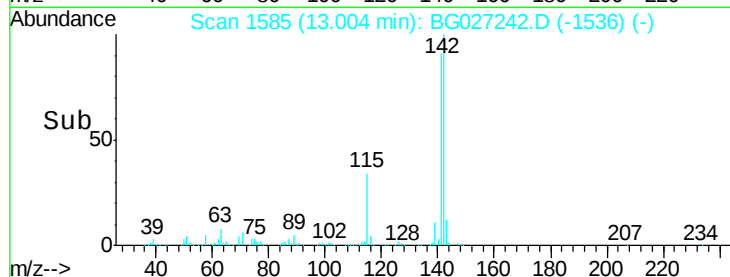
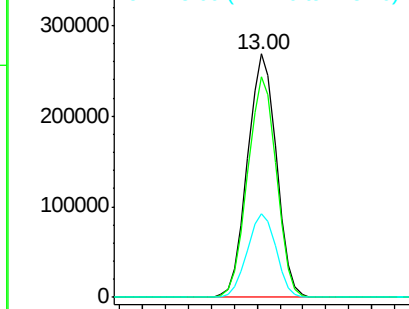
|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 142   | Resp: | 466604 |
| Ion | Ratio | Lower | Upper |        |
| 142 | 100   |       |       |        |
| 141 | 90.9  | 70.4  | 105.6 |        |
| 115 | 34.3  | 35.5  | 53.3# |        |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

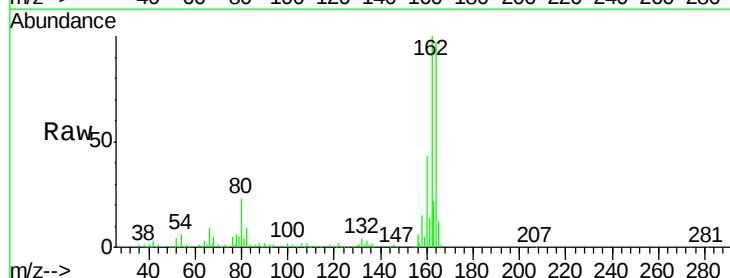
RT: 15.15 min Scan# 1950

Delta R.T. -0.01 min

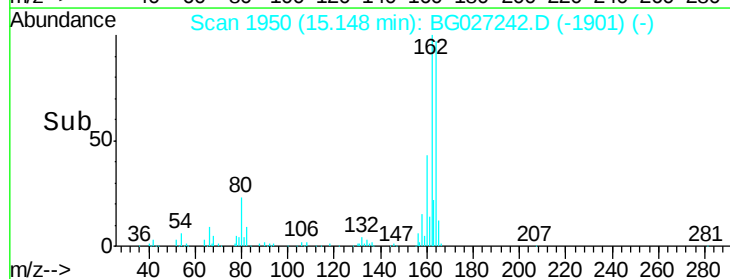
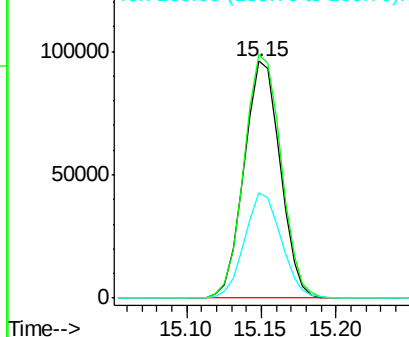
Lab File: BG027242.D

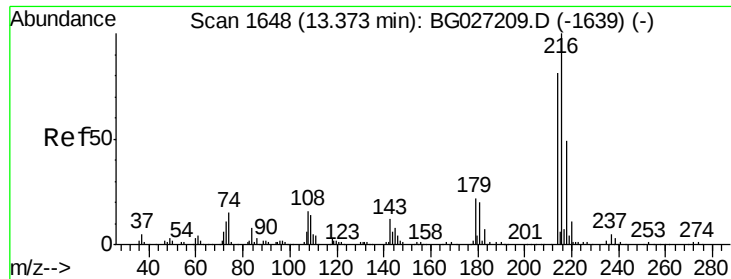
Acq: 6 Jun 2017 10:21

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 164   | Resp: | 160519 |
| Ion | Ratio | Lower | Upper |        |
| 164 | 100   |       |       |        |
| 162 | 102.7 | 85.1  | 127.7 |        |
| 160 | 44.4  | 34.7  | 52.1  |        |



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





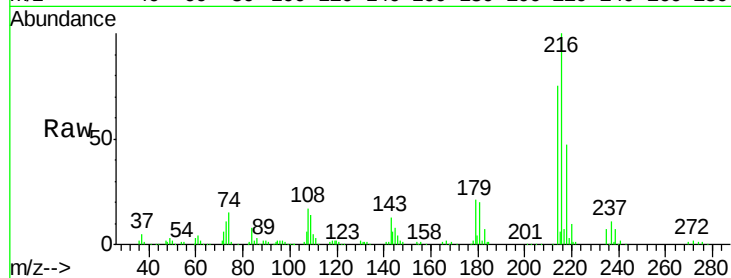
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.415 ng  
RT: 13.36 min Scan# 1646  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD

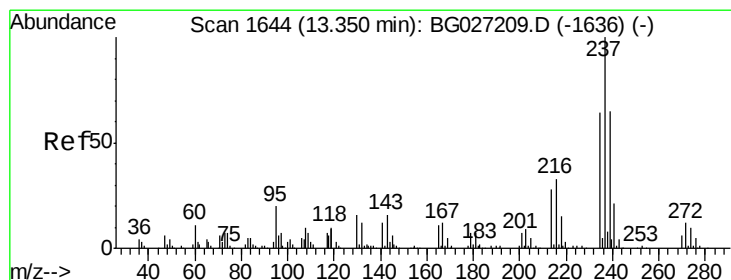
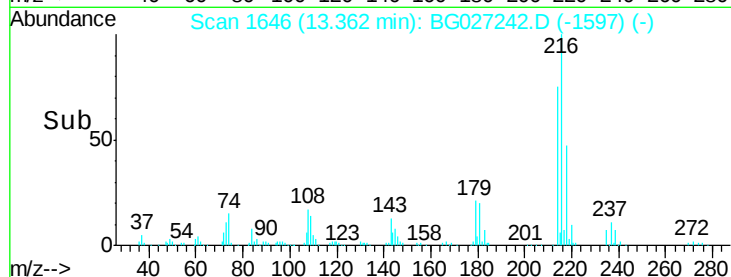
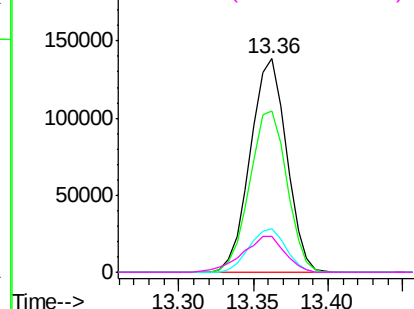
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.3  | 64.4  | 96.6  |
| 179     | 20.7  | 17.4  | 26.0  |
| 108     | 19.7  | 15.6  | 23.4  |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM

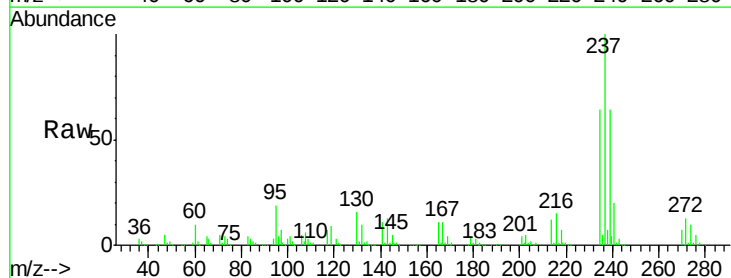


Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E

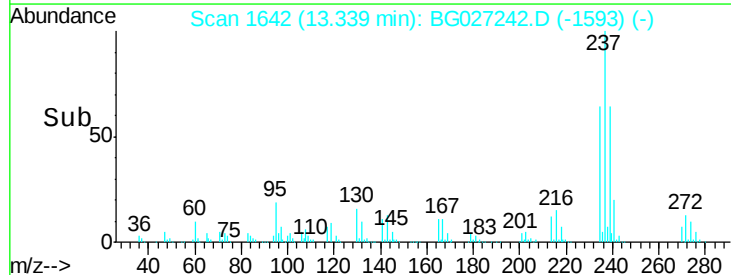
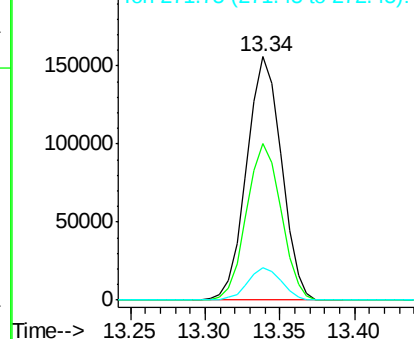


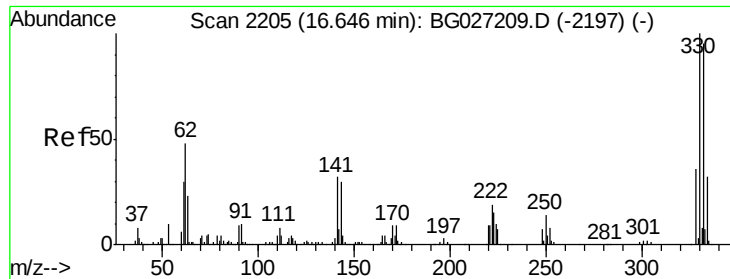
#40  
Hexachlorocyclopentadiene  
Concen: 94.401 ng  
RT: 13.34 min Scan# 1642  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 64.3  | 39.4  | 79.4  |
| 272     | 13.1  | 0.0   | 32.0  |



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





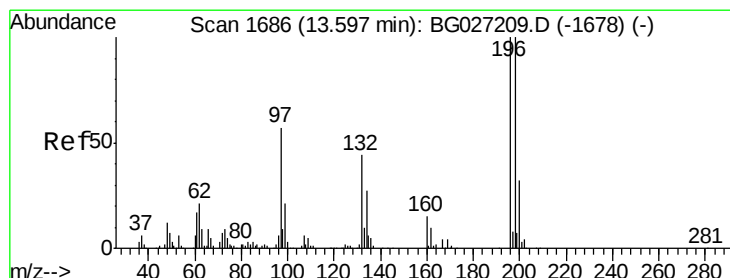
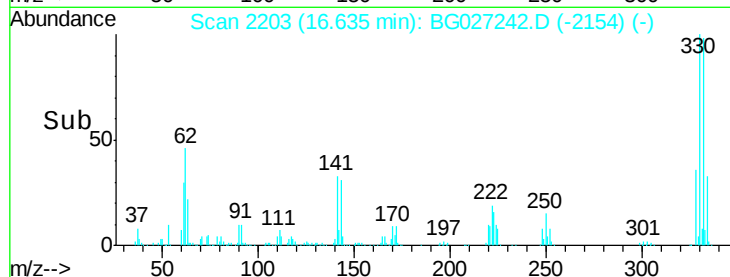
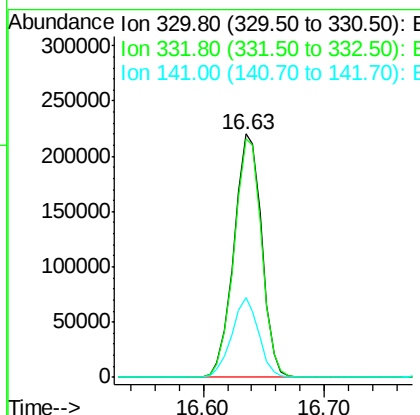
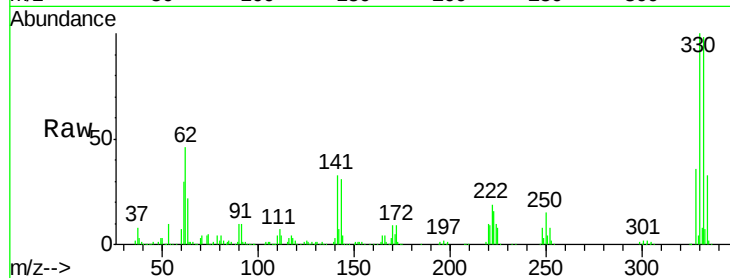
#41  
 2,4,6-Tribromophenol  
 Concen: 166.995 ng  
 RT: 16.63 min Scan# 2203  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 352987 |       |       |
| 332     | 97.4  | 77.3   | 115.9 |       |
| 141     | 31.9  | 32.1   | 48.1# |       |

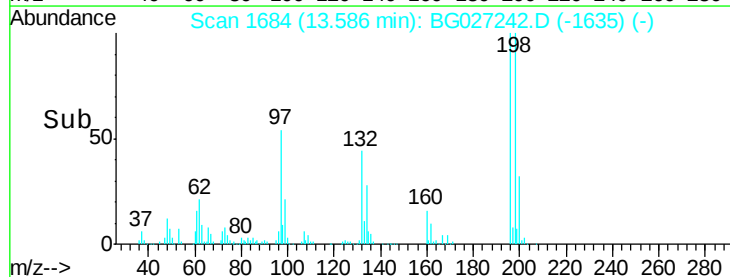
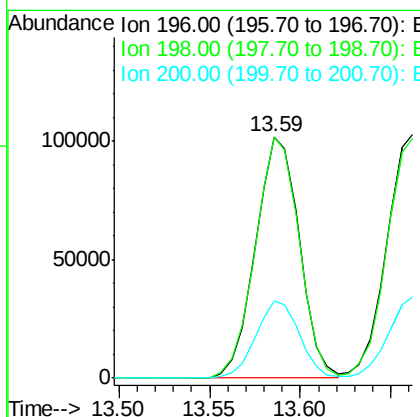
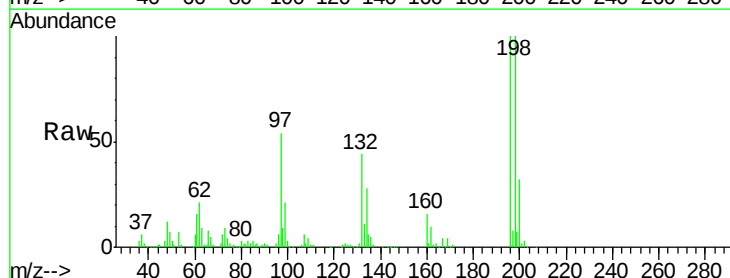
Manual Integrations  
 APPROVED

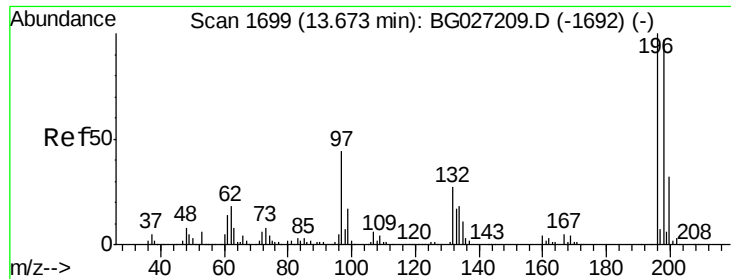
mohammad  
 6/8/2017 8:24:14 AM



#42  
 2,4,6-Trichlorophenol  
 Concen: 56.383 ng  
 RT: 13.59 min Scan# 1684  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 171013 |       |       |
| 198     | 99.9  | 81.4   | 122.2 |       |
| 200     | 32.2  | 27.0   | 40.6  |       |





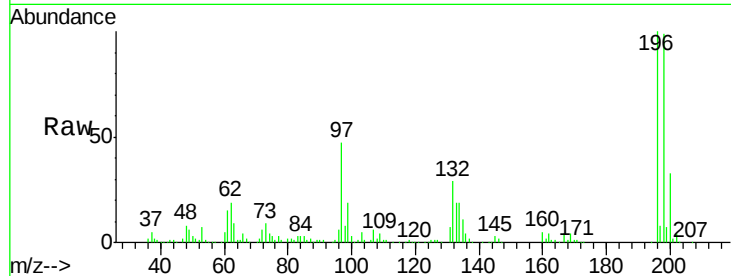
#43  
 2,4,5-Trichlorophenol  
 Concen: 53.736 ng  
 RT: 13.66 min Scan# 1697  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 182380 |       |       |
| 198     | 98.7  | 79.9   | 119.9 |       |
| 97      | 47.1  | 45.4   | 68.0  |       |
| 132     | 28.7  | 20.7   | 31.1  |       |

Manual Integrations  
 APPROVED

mohammad  
 6/8/2017 8:24:14 AM



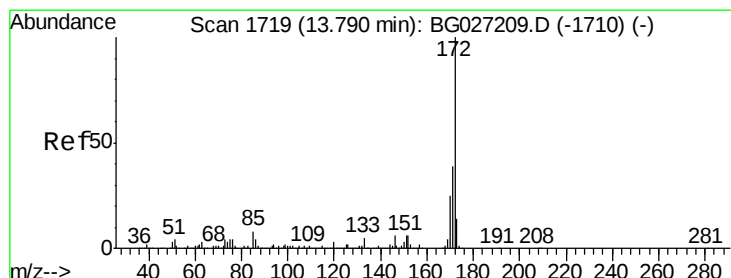
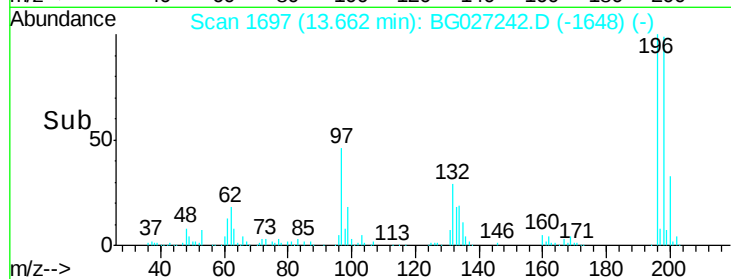
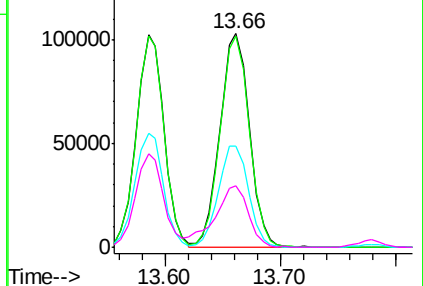
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

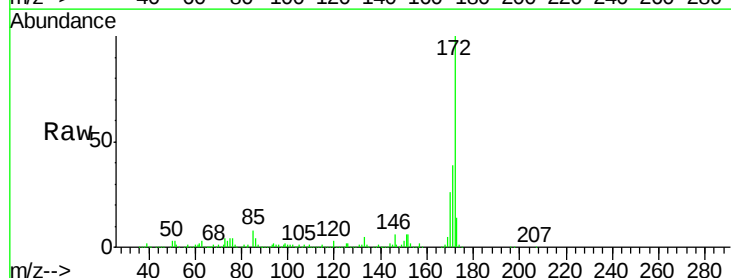
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 94.187 ng  
 RT: 13.78 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1080710 |       |       |
| 171     | 38.6  | 32.2    | 48.2  |       |
| 170     | 25.6  | 21.8    | 32.6  |       |

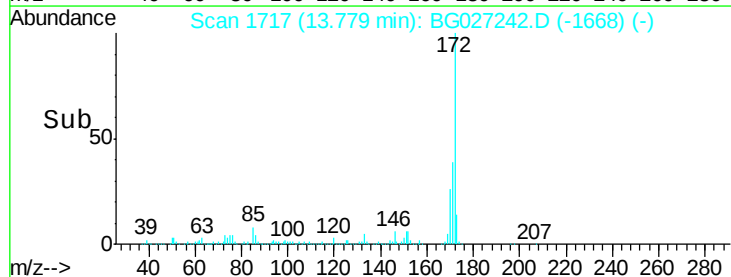
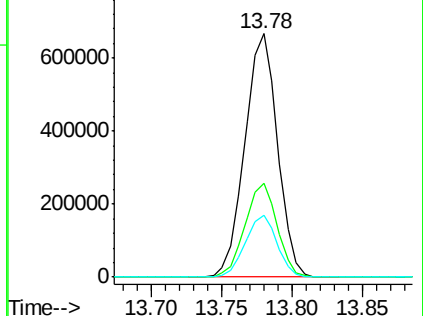


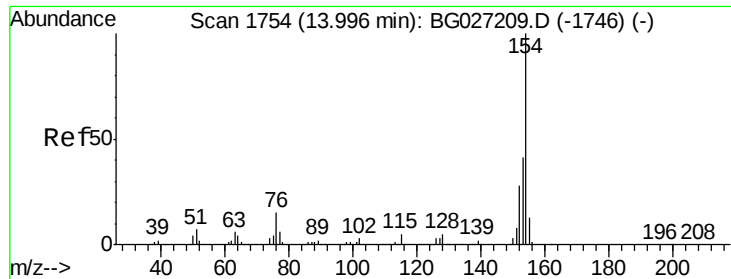
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 47.181 ng

RT: 13.99 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

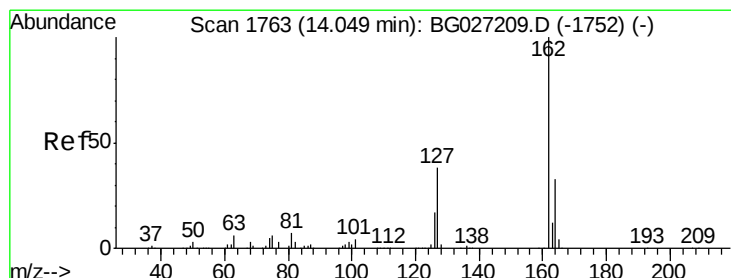
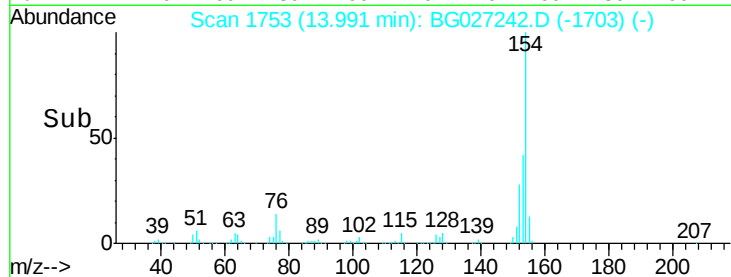
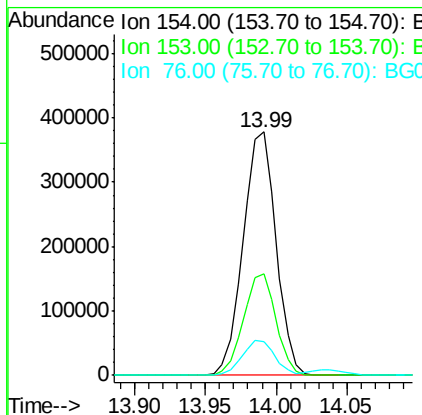
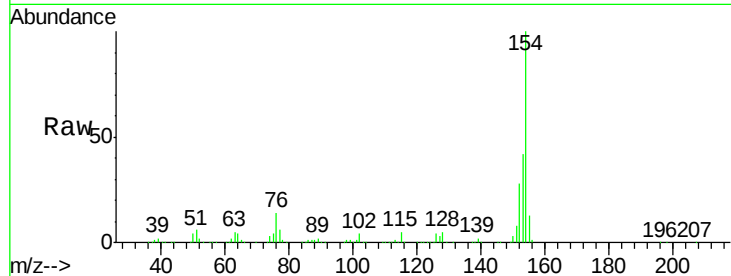
ClientSampleId :

SB-02-COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 618179 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.9  | 23.0  | 63.0   |
| 76        | 13.9  | 0.0   | 33.5   |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



#46

2-Chloronaphthalene

Concen: 48.295 ng

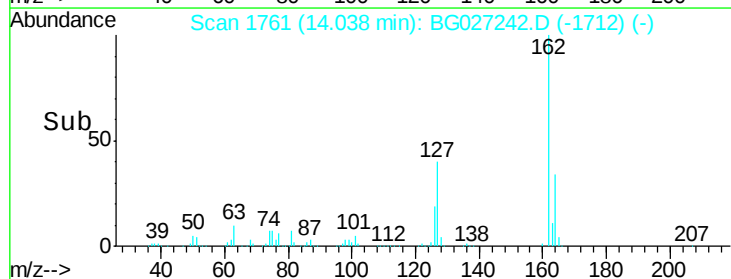
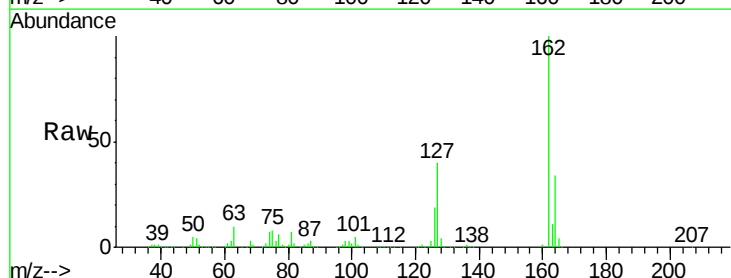
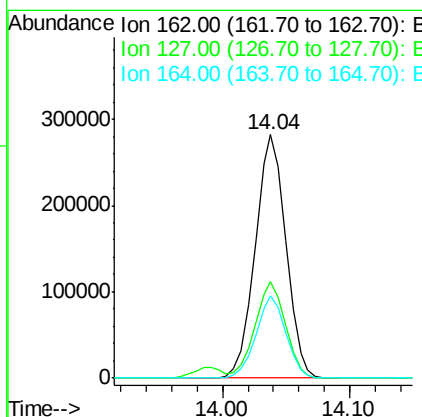
RT: 14.04 min Scan# 1761

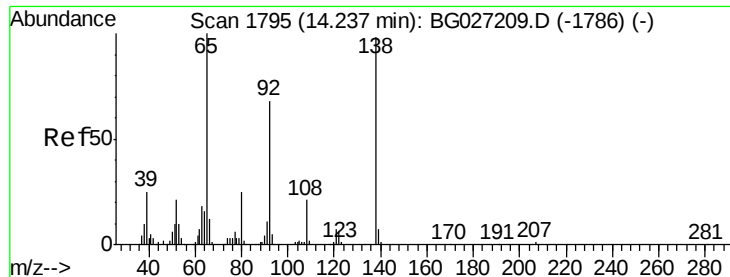
Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 474416 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.8  | 32.2  | 48.4   |
| 164       | 33.7  | 27.3  | 40.9   |





#47

2-Nitroaniline

Concen: 53.695 ng

RT: 14.23 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

ClientSampleId :

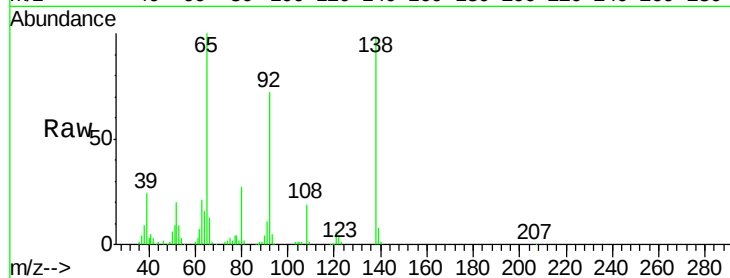
SB-02-COMPMSD

Tgt Ion: 65 Resp: 152638  
Ion Ratio Lower Upper

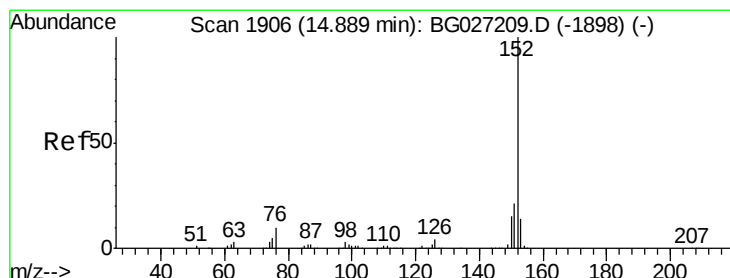
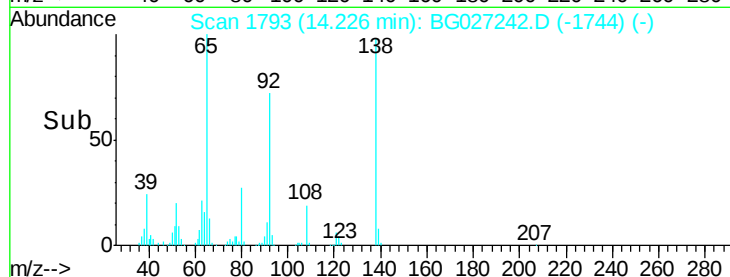
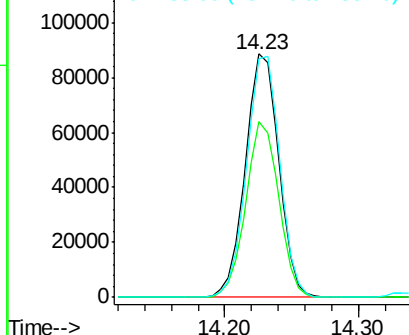
|     |      |      |      |
|-----|------|------|------|
| 65  | 100  |      |      |
| 92  | 72.2 | 49.0 | 73.4 |
| 138 | 98.1 | 58.6 | 87.8 |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



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



#48

Acenaphthylene

Concen: 46.337 ng

RT: 14.88 min Scan# 1904

Delta R.T. -0.01 min

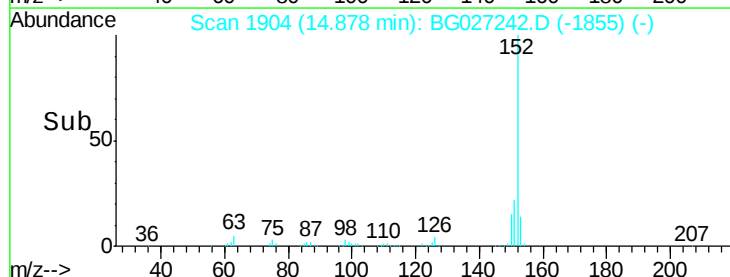
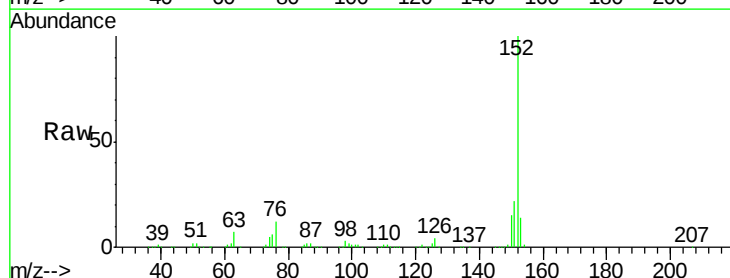
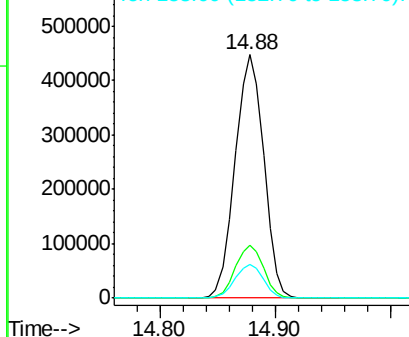
Lab File: BG027242.D

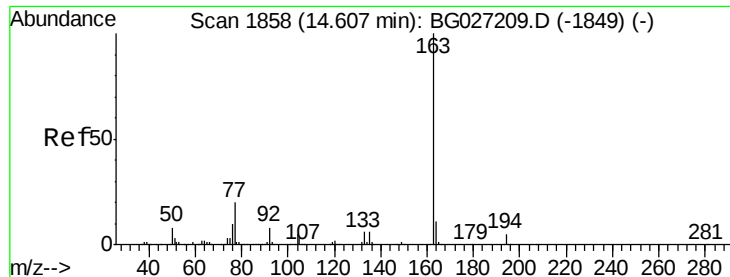
Acq: 6 Jun 2017 10:21

Tgt Ion: 152 Resp: 770335  
Ion Ratio Lower Upper

|     |      |      |      |
|-----|------|------|------|
| 152 | 100  |      |      |
| 151 | 21.7 | 18.2 | 27.2 |
| 153 | 13.7 | 11.3 | 16.9 |

Abundance Ion 152.00 (151.70 to 152.70): BGC  
Ion 151.00 (150.70 to 151.70): BGC  
Ion 153.00 (152.70 to 153.70): BGC





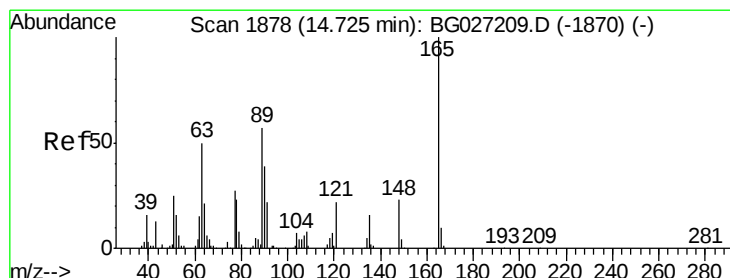
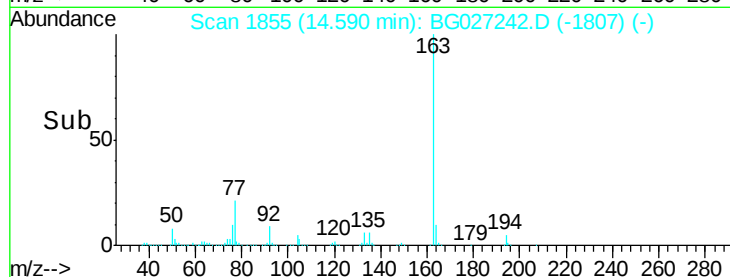
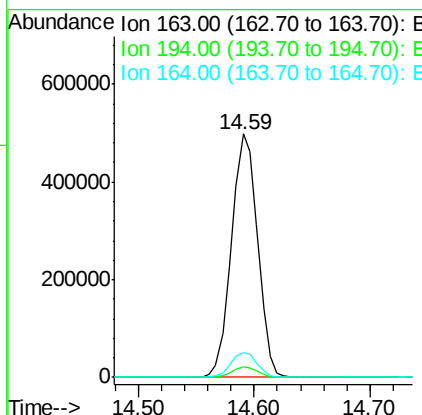
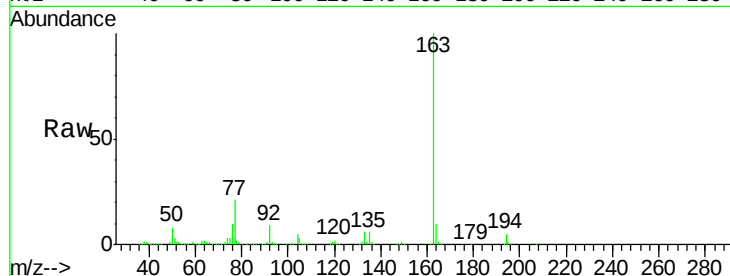
#49  
Dimethylphthalate  
Concen: 61.173 ng  
RT: 14.59 min Scan# 1855  
Delta R.T. -0.02 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 4.5   | 3.8        | 5.6        |
| 164     | 10.3  | 9.3        | 13.9       |

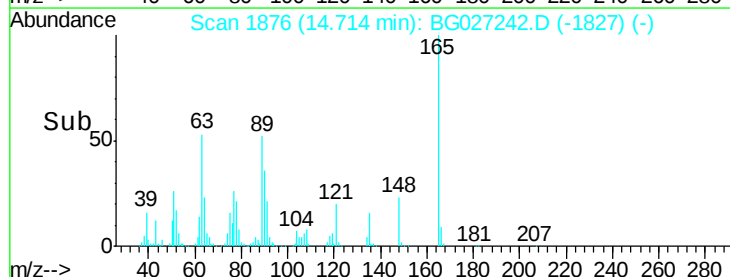
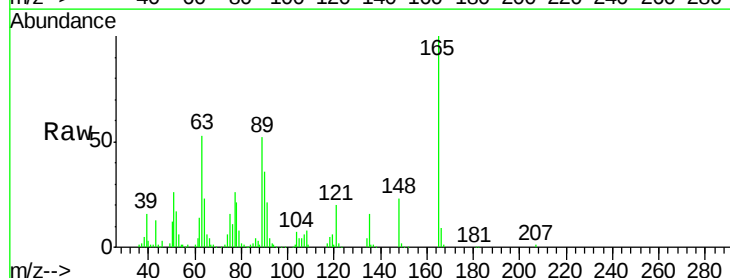
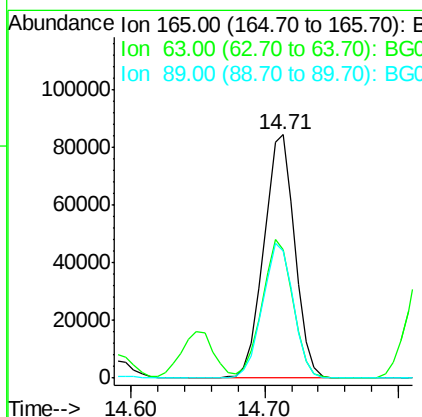
Manual Integrations  
APPROVED

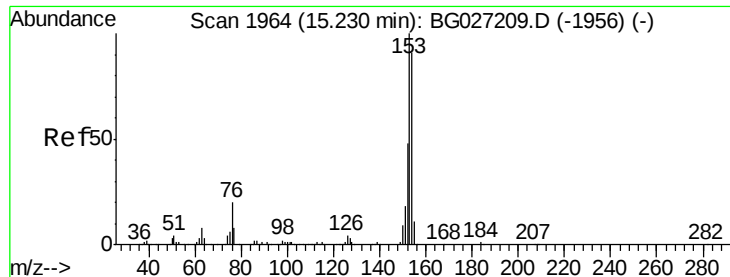
mohammad  
6/8/2017 8:24:14 AM



#50  
2,6-Dinitrotoluene  
Concen: 51.909 ng  
RT: 14.71 min Scan# 1876  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 52.6  | 63.9       | 95.9#      |
| 89      | 52.1  | 58.6       | 88.0#      |





#51

Acenaphthene

Concen: 51.693 ng

RT: 15.22 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

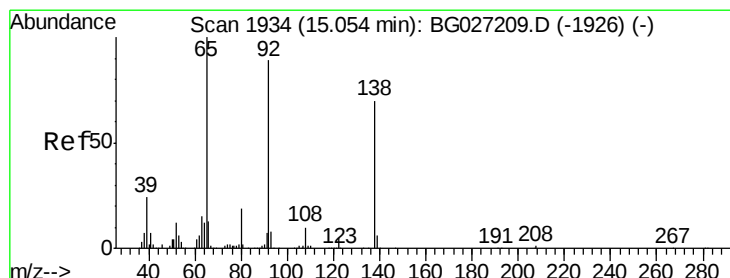
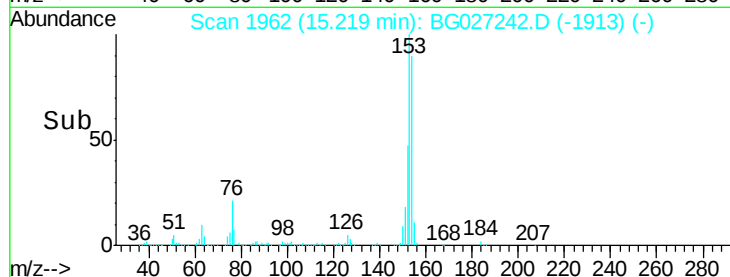
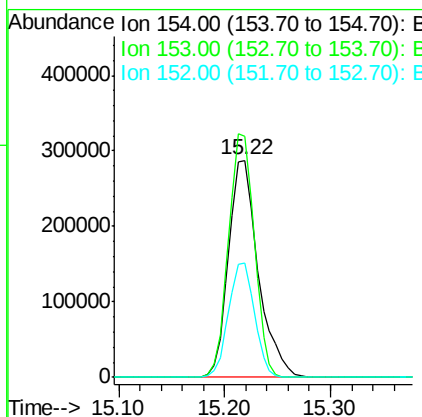
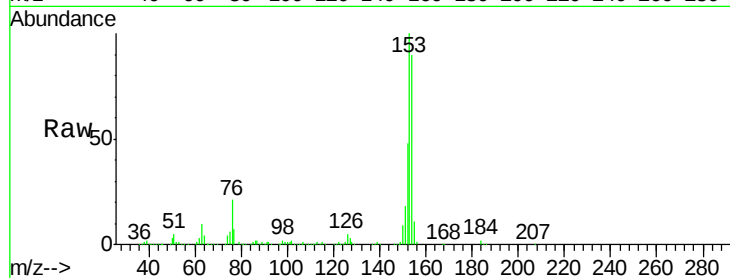
ClientSampleId :

SB-02-COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 558997 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 110.7 | 87.8  | 131.6  |
| 152       | 52.6  | 42.2  | 63.4   |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



#52

3-Nitroaniline

Concen: 40.033 ng

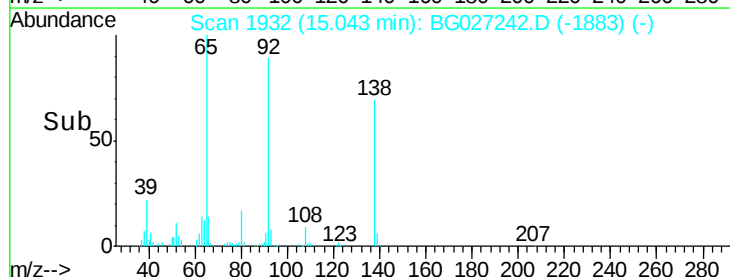
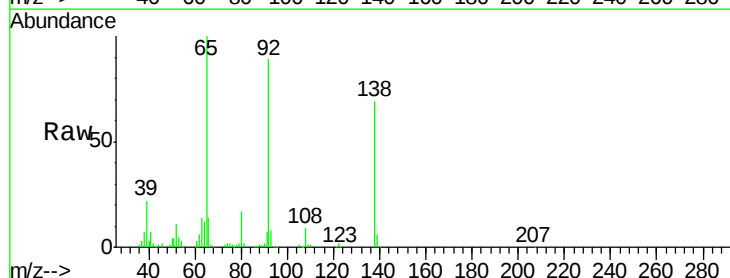
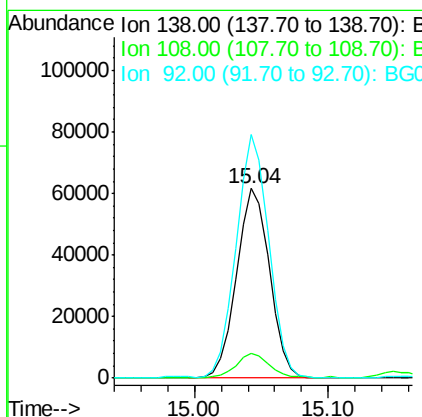
RT: 15.04 min Scan# 1932

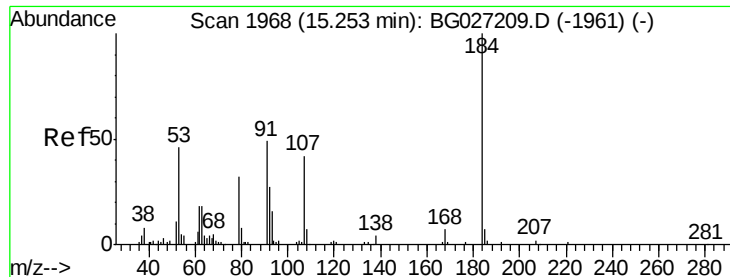
Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 105710 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 13.3  | 10.9  | 16.3   |
| 92        | 128.6 | 115.3 | 172.9  |





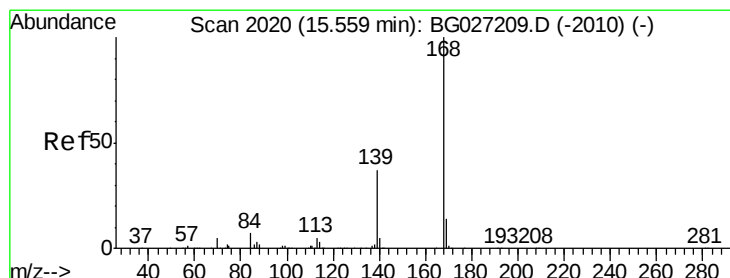
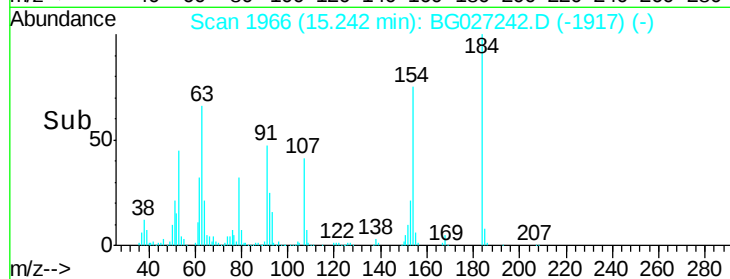
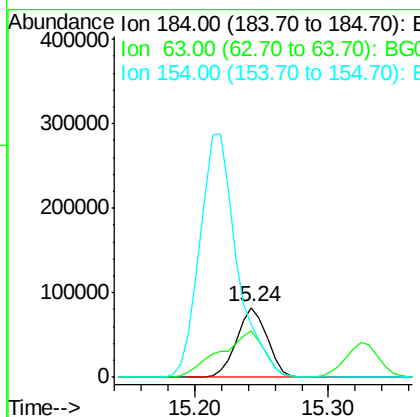
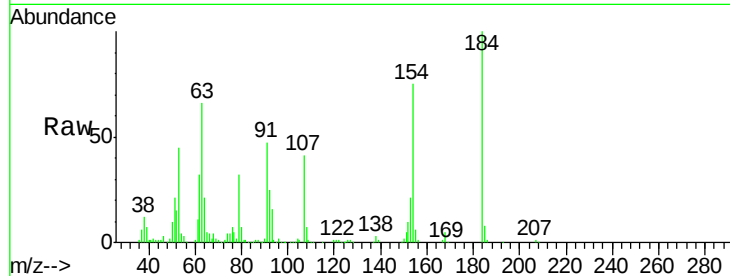
#53  
2,4-Dinitrophenol  
Concen: 96.454 ng  
RT: 15.24 min Scan# 1966  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 131407 |       |       |
| 63      | 66.3  | 52.7   | 79.1  |       |
| 154     | 74.7  | 57.3   | 85.9  |       |

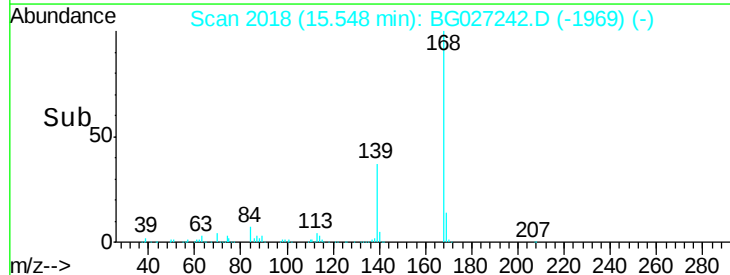
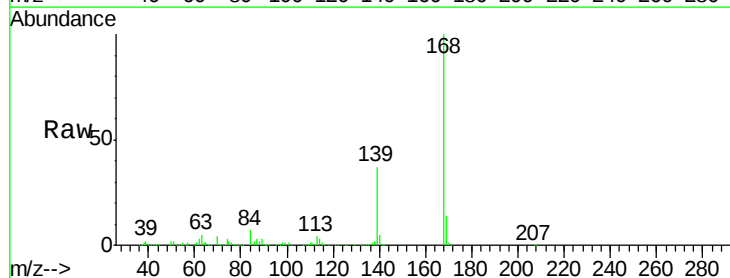
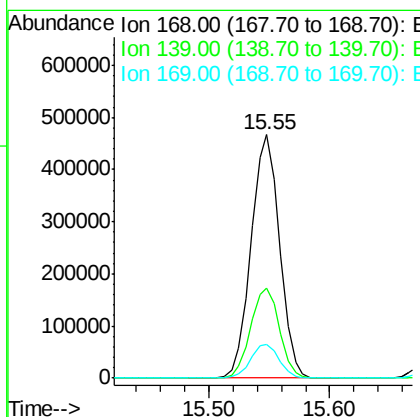
Manual Integrations  
APPROVED

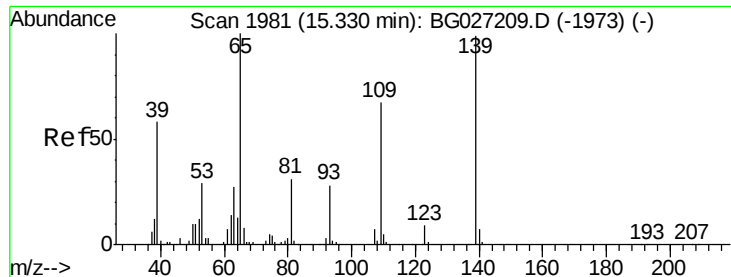
mohammad  
6/8/2017 8:24:14 AM



#54  
Dibenzofuran  
Concen: 50.666 ng  
RT: 15.55 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 765633 |       |       |
| 139     | 37.0  | 35.3   | 52.9  |       |
| 169     | 13.8  | 11.5   | 17.3  |       |





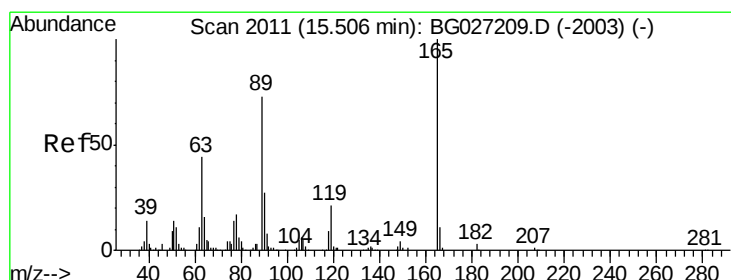
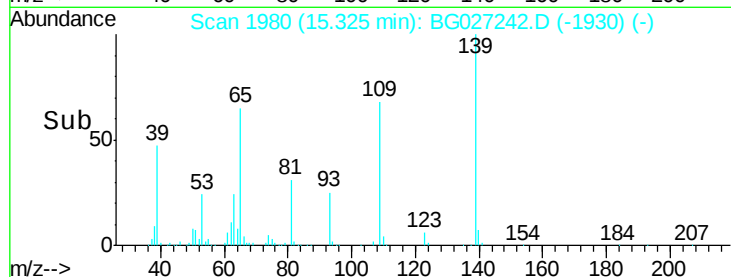
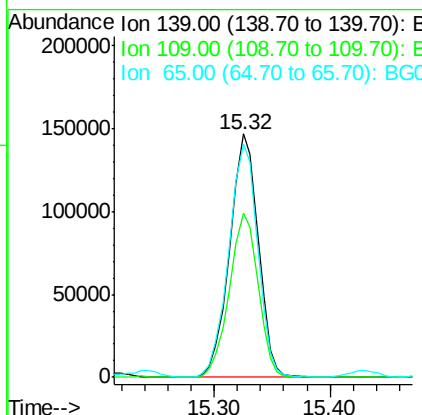
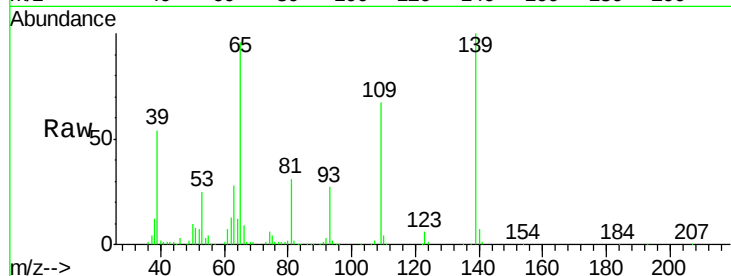
#55  
4-Nitrophenol  
Concen: 102.689 ng  
RT: 15.32 min Scan# 1980  
Delta R.T. -0.00 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 139     | 100   |       |        |       |
| 109     | 67.3  | 101.2 | 141.2# |       |
| 65      | 95.7  | 135.3 | 175.3# |       |

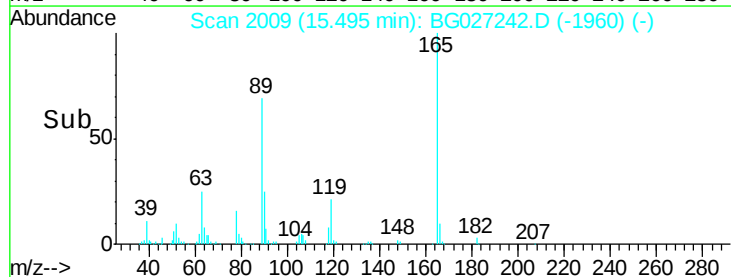
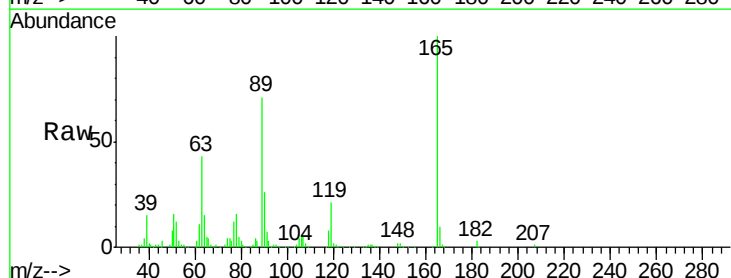
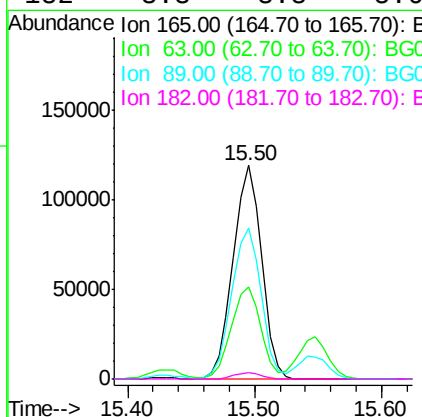
Manual Integrations  
APPROVED

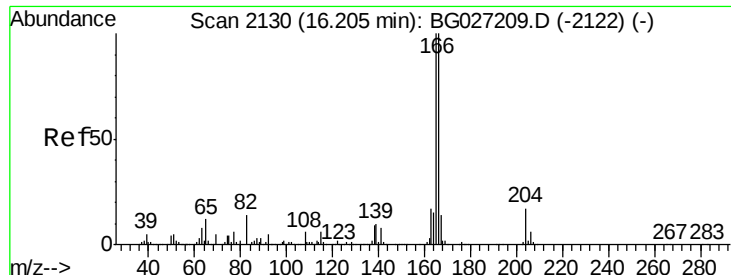
mohammad  
6/8/2017 8:24:14 AM



#56  
2,4-Dinitrotoluene  
Concen: 54.910 ng  
RT: 15.50 min Scan# 2009  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 43.1  | 44.0 | 66.0# |       |
| 89      | 70.6  | 67.3 | 100.9 |       |
| 182     | 3.3   | 3.8  | 5.6#  |       |





#57

Fluorene

Concen: 46.553 ng

RT: 16.19 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

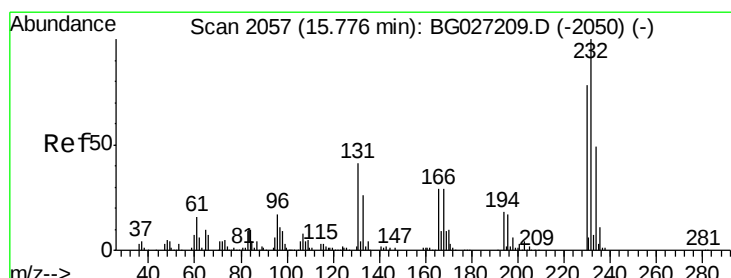
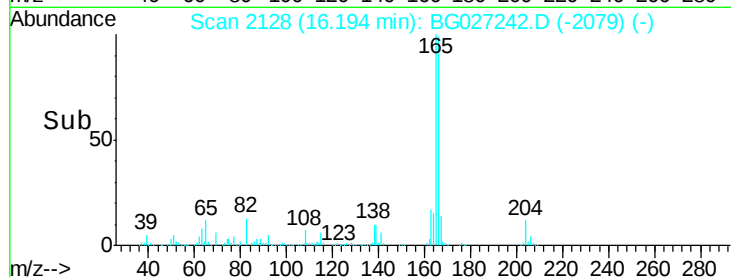
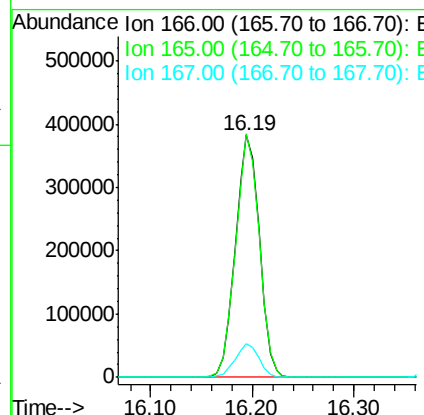
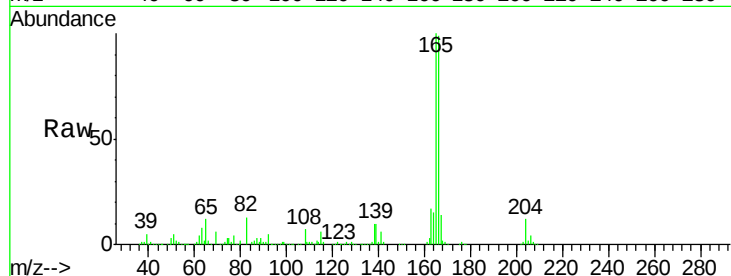
ClientSampleId :

SB-02-COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 624835 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 100.5 | 78.6  | 117.8  |
| 167       | 13.9  | 11.6  | 17.4   |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 58.348 ng

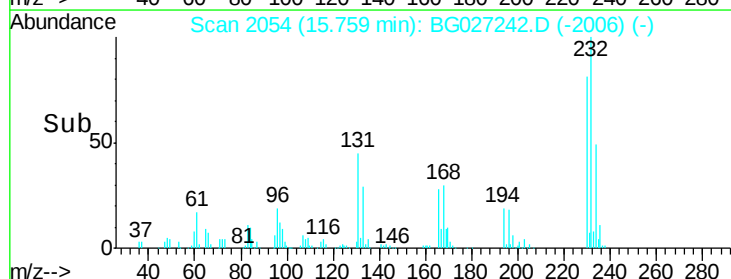
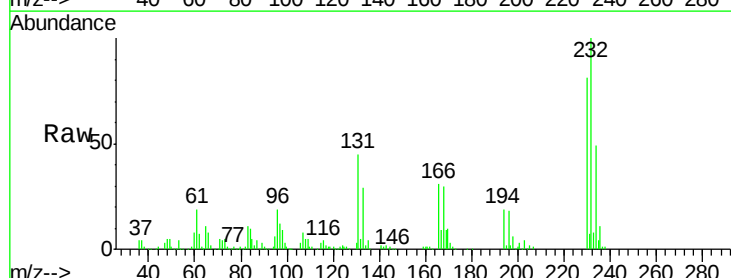
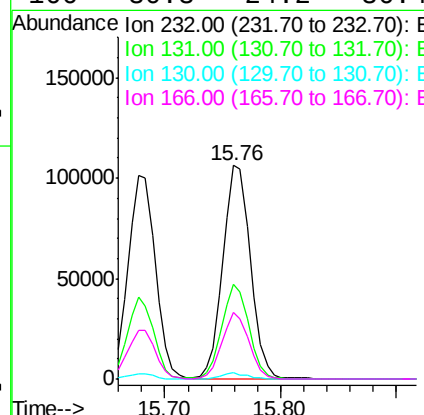
RT: 15.76 min Scan# 2054

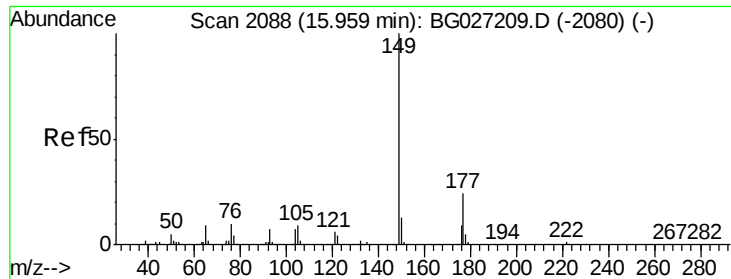
Delta R.T. -0.02 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 176779 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 43.0  | 34.9  | 52.3   |
| 130       | 2.5   | 2.3   | 3.5    |
| 166       | 30.3  | 24.2  | 36.4   |





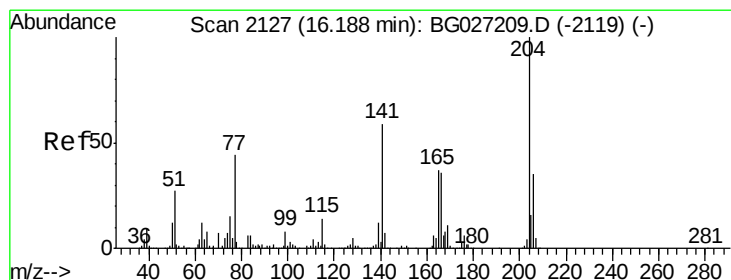
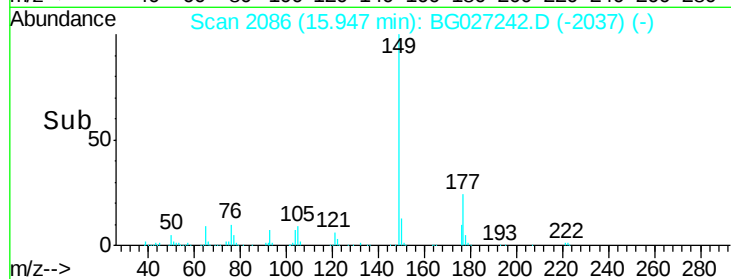
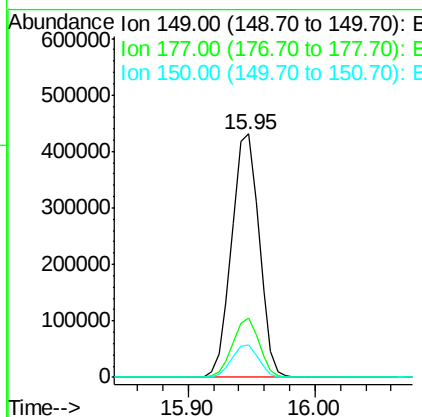
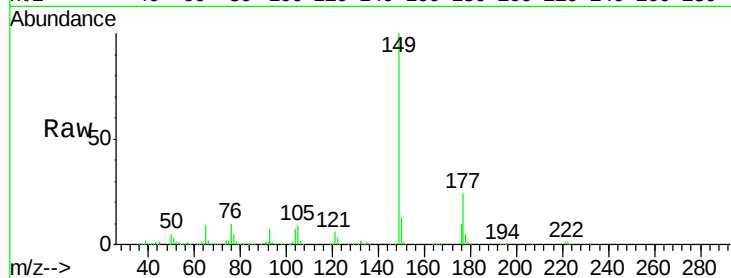
#59  
Diethylphthalate  
Concen: 50.693 ng  
RT: 15.95 min Scan# 2086  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 24.3  | 20.1       | 30.1       |
| 150     | 13.1  | 10.2       | 15.2       |

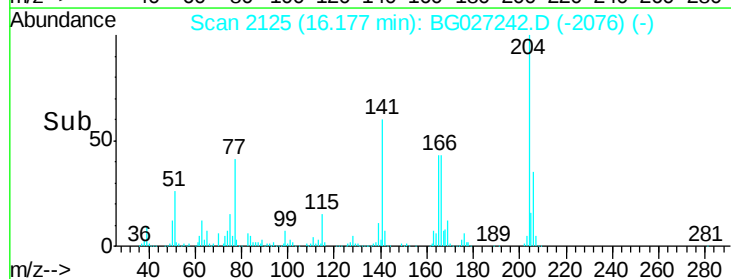
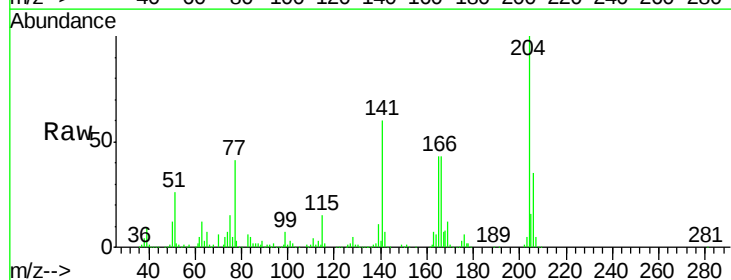
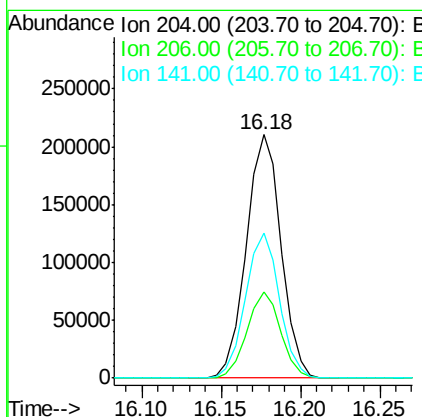
Manual Integrations  
APPROVED

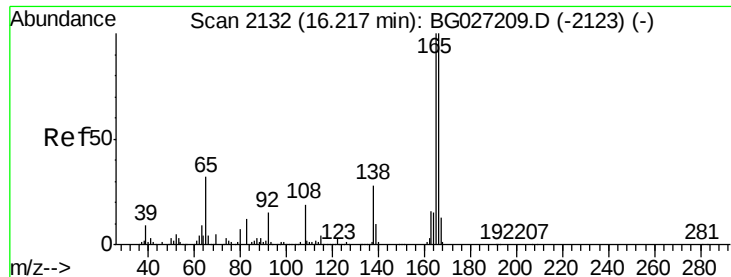
mohammad  
6/8/2017 8:24:14 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 47.276 ng  
RT: 16.18 min Scan# 2125  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 35.2  | 30.1       | 45.1       |
| 141     | 59.6  | 50.6       | 76.0       |





#61

4-Nitroaniline

Concen: 52.458 ng

RT: 16.21 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

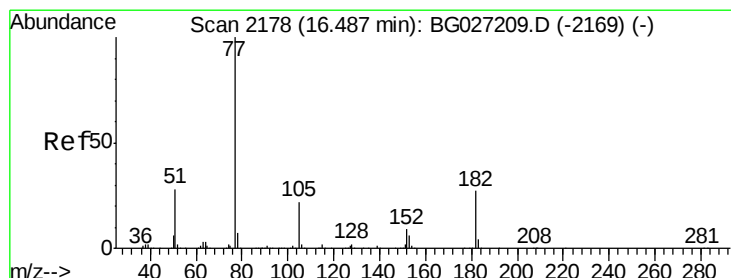
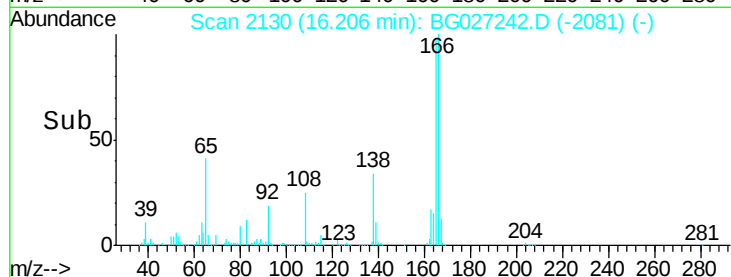
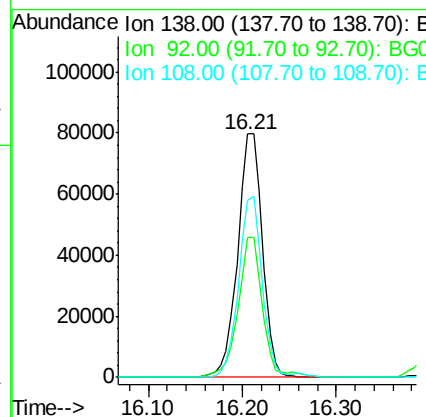
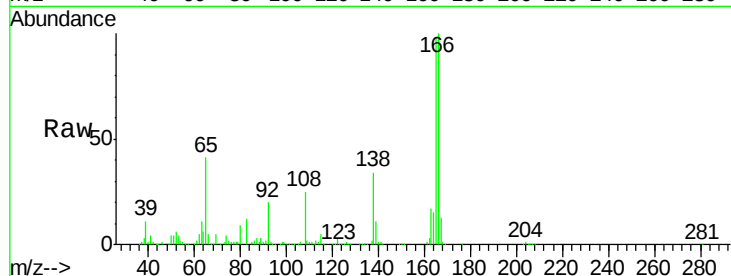
ClientSampleId :

SB-02-COMPMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 145748 |       |       |
| 92      | 57.5  | 44.2   | 84.2  |       |
| 108     | 72.9  | 104.8  | 144.8 |       |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



#62

Azobenzene

Concen: 53.730 ng

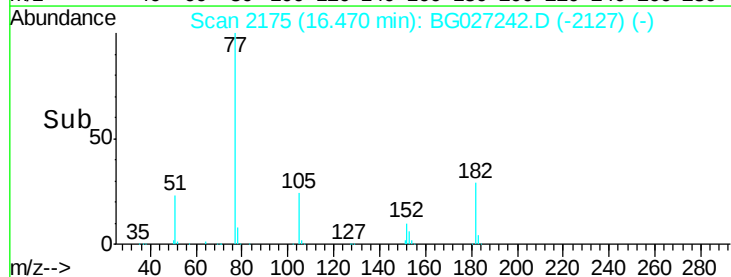
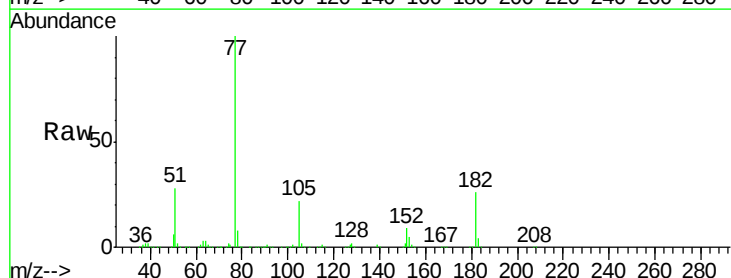
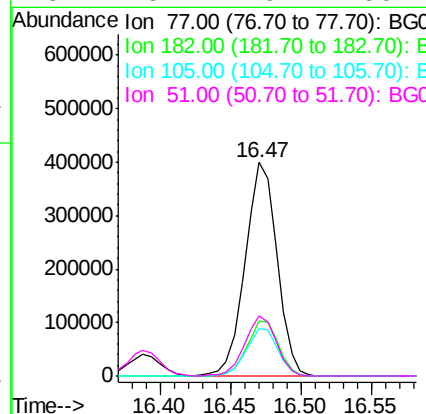
RT: 16.47 min Scan# 2175

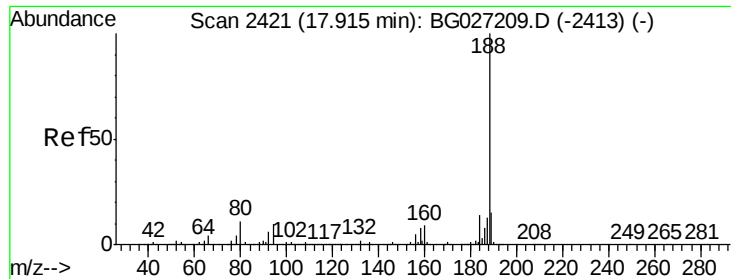
Delta R.T. -0.02 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 632493 |       |       |
| 182     | 26.0  | 4.7    | 44.7  |       |
| 105     | 22.1  | 0.0    | 36.3  |       |
| 51      | 28.4  | 16.4   | 56.4  |       |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.90 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

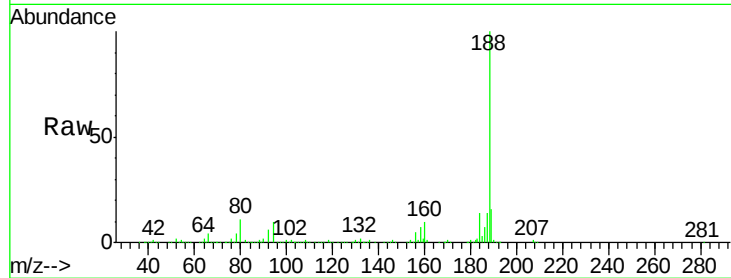
ClientSampleId :

SB-02-COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 368622 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 10.3  | 5.8   | 8.8#   |
| 80        | 11.1  | 7.5   | 11.3   |

Manual Integrations  
APPROVED

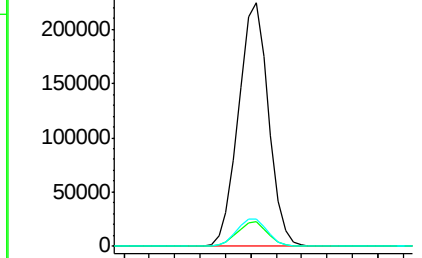
mohammad  
6/8/2017 8:24:14 AM



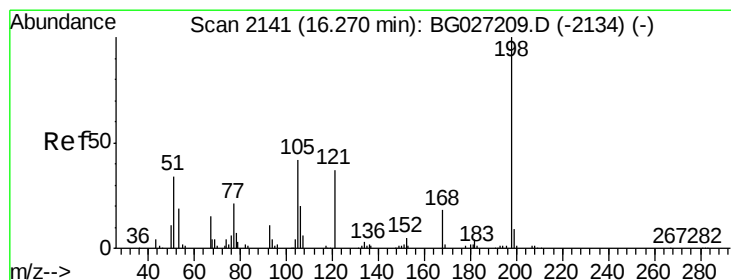
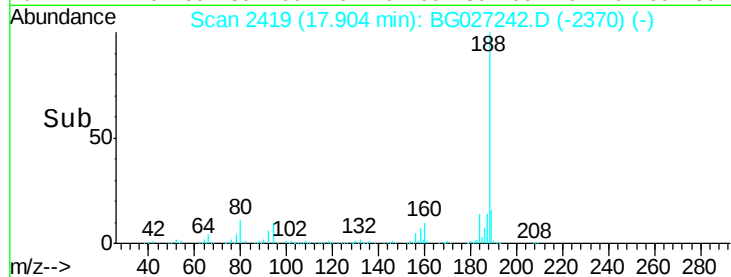
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.80 17.90 18.00



#64

4,6-Dinitro-2-methylphenol

Concen: 60.229 ng

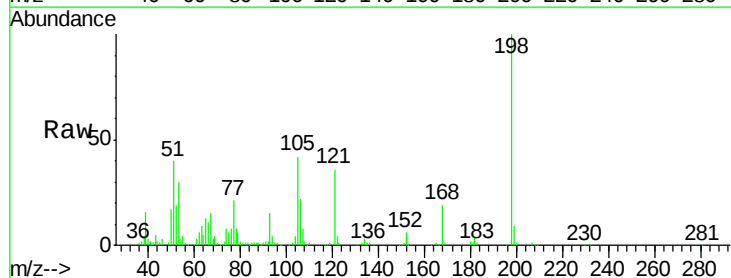
RT: 16.26 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

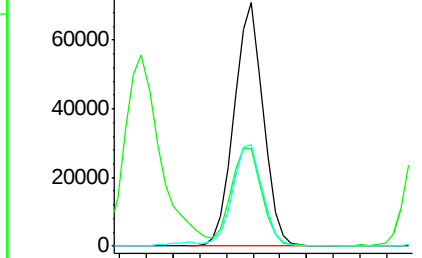
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 107599 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 40.1  | 22.6  | 62.6   |
| 105       | 41.6  | 14.4  | 54.4   |



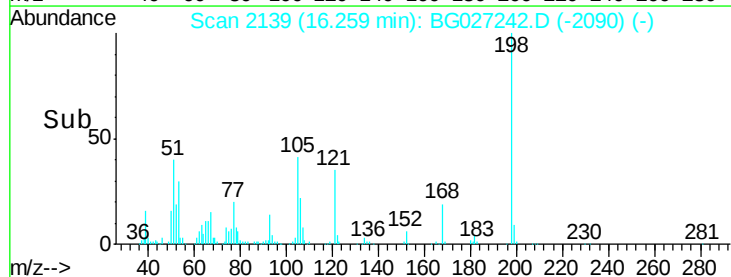
Abundance Ion 198.00 (197.70 to 198.70): E

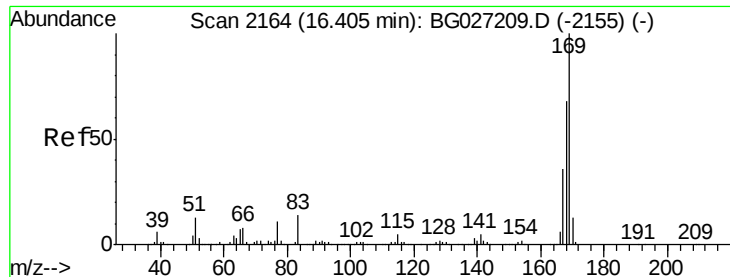
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time--> 16.20 16.30





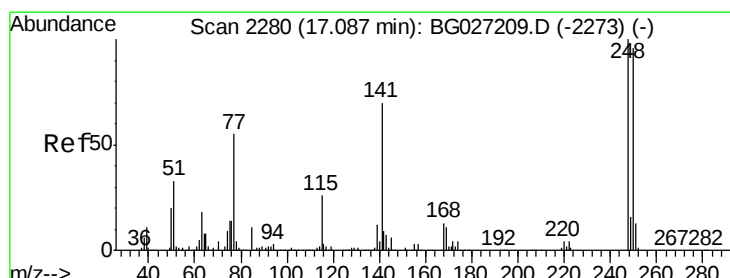
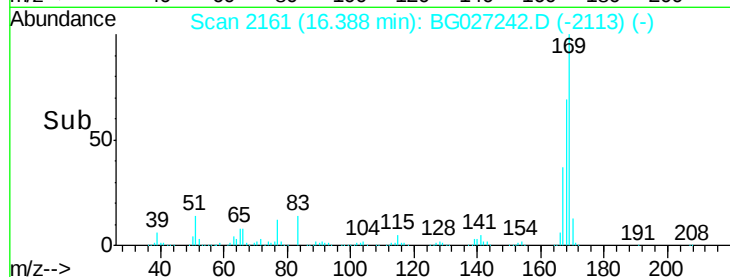
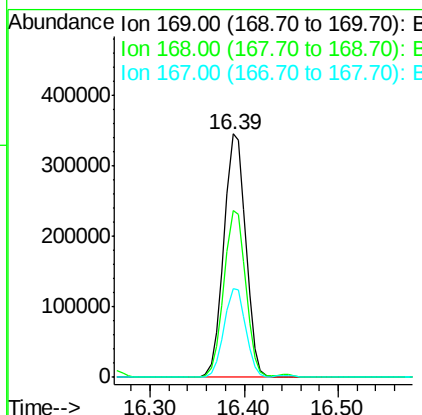
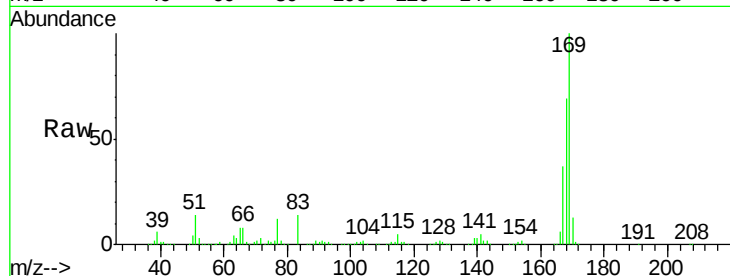
#65  
 n-Nitrosodiphenylamine  
 Concen: 48.732 ng  
 RT: 16.39 min Scan# 2161  
 Delta R.T. -0.02 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 563175 |       |       |
| 168     | 68.5  |        | 55.7  | 83.5  |
| 167     | 36.6  |        | 29.8  | 44.6  |

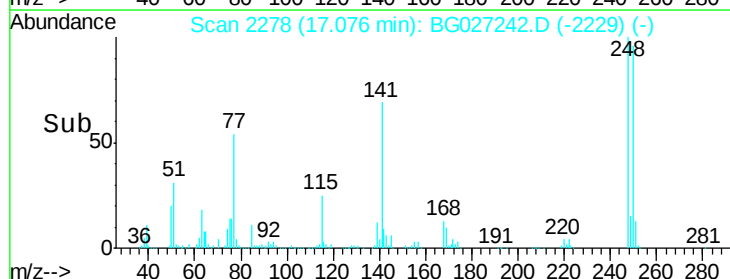
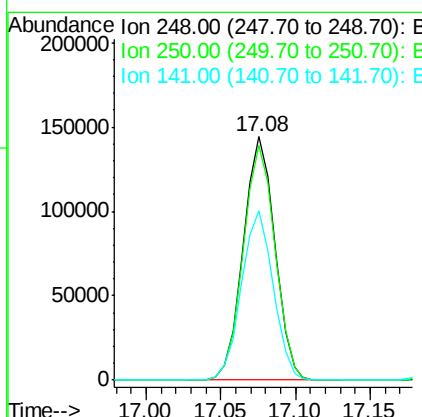
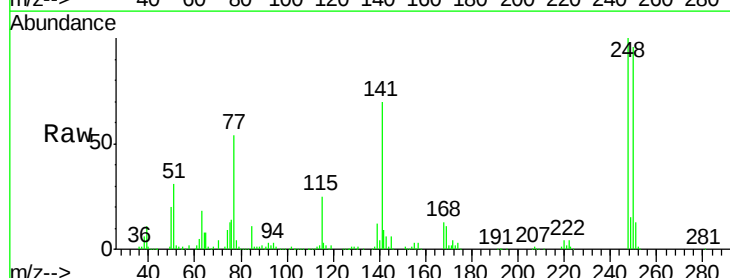
Manual Integrations  
 APPROVED

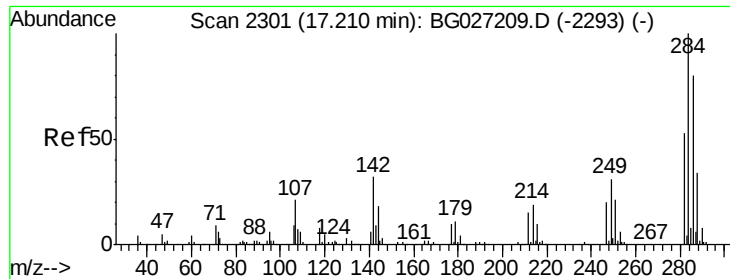
mohammad  
 6/8/2017 8:24:14 AM



#66  
 4-Bromophenyl-phenylether  
 Concen: 48.298 ng  
 RT: 17.08 min Scan# 2278  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 210720 |       |       |
| 250     | 96.4  |        | 75.0  | 112.6 |
| 141     | 69.5  |        | 55.2  | 82.8  |





#67

Hexachlorobenzene

Concen: 47.926 ng

RT: 17.20 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BG027242.D

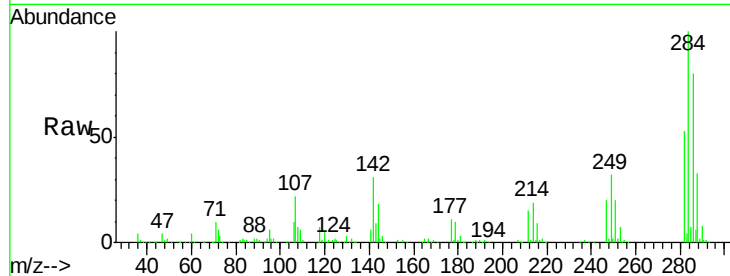
Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

ClientSampleId :

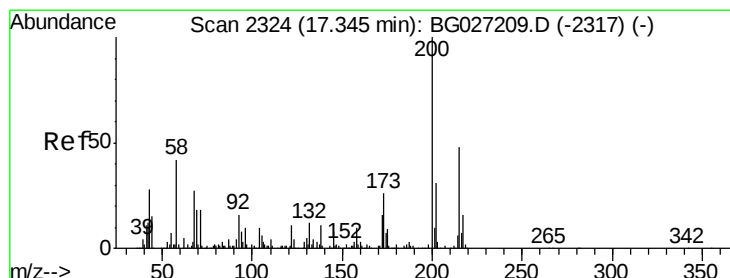
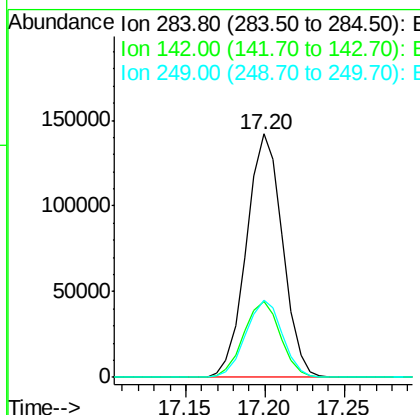
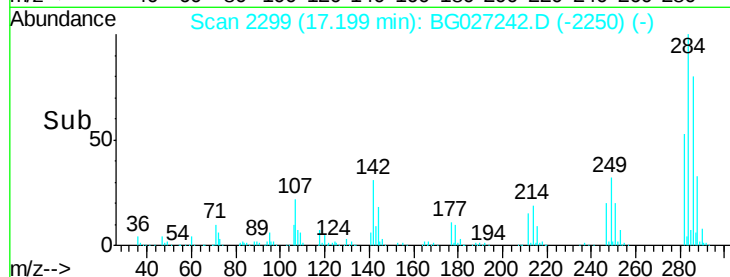
SB-02-COMPMSD



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 224900 |       |       |
| 142     | 31.4  | 29.9   | 44.9  |       |
| 249     | 31.6  | 29.2   | 43.8  |       |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



#68

Atrazine

Concen: 53.230 ng

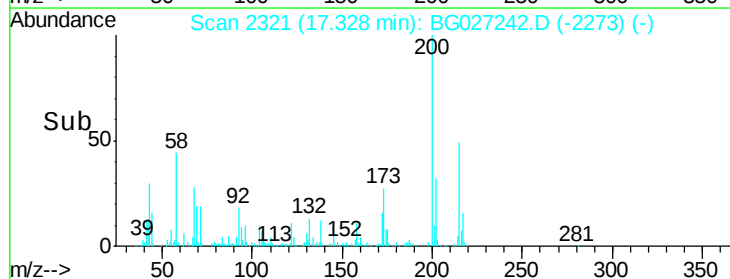
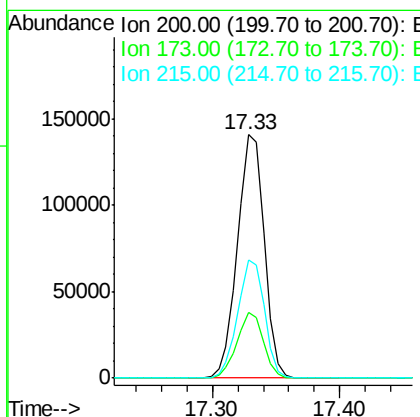
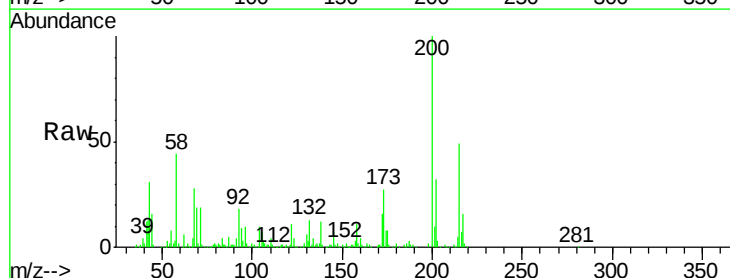
RT: 17.33 min Scan# 2321

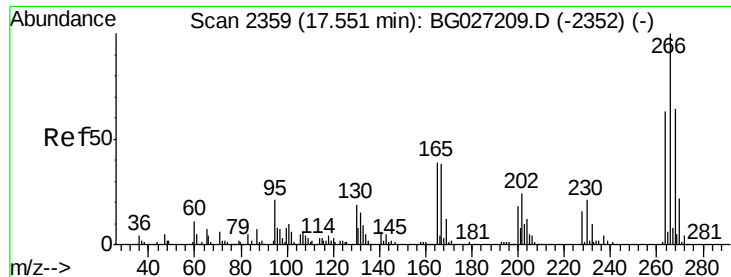
Delta R.T. -0.02 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 205711 |       |       |
| 173     | 26.8  | 3.0    | 43.0  |       |
| 215     | 48.8  | 28.4   | 68.4  |       |





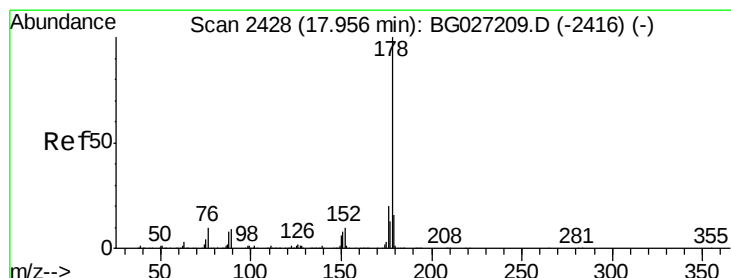
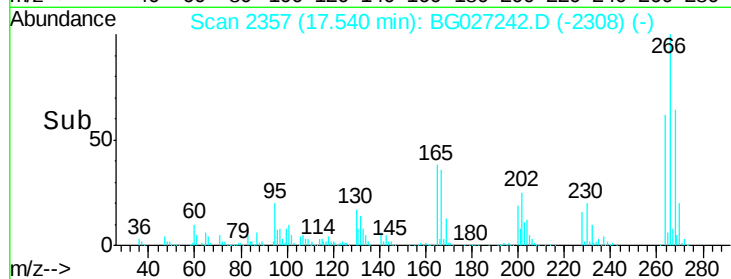
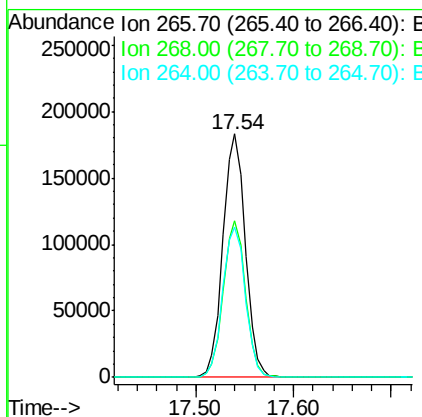
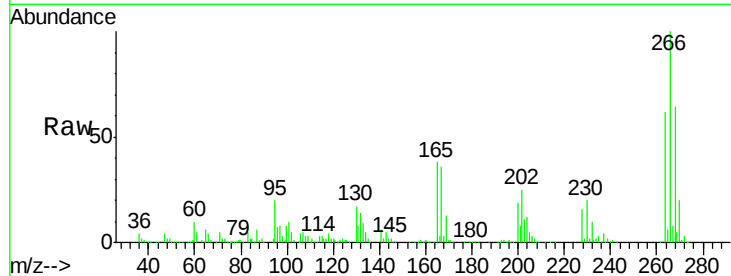
#69  
 Pentachlorophenol  
 Concen: 106.227 ng  
 RT: 17.54 min Scan# 2357  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 292199 |       |       |
| 268     | 64.4  | 48.6   | 72.8  |       |
| 264     | 61.9  | 50.1   | 75.1  |       |

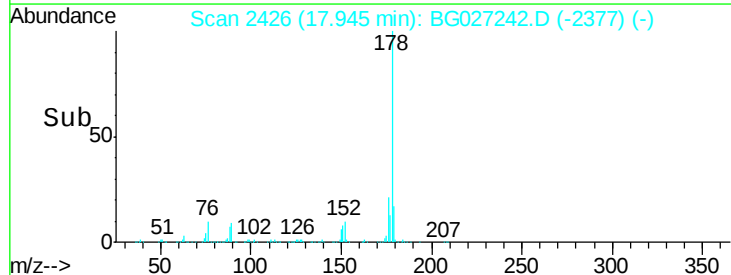
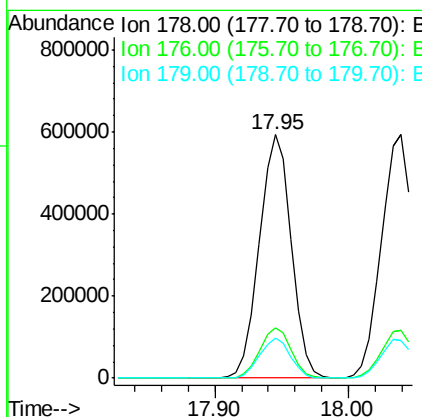
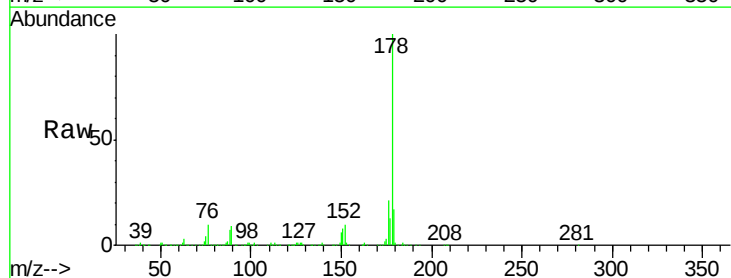
Manual Integrations  
 APPROVED

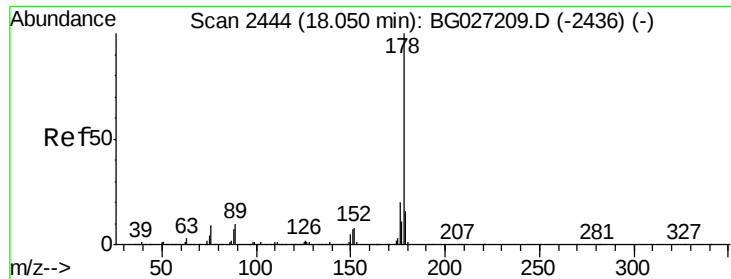
mohammad  
 6/8/2017 8:24:14 AM



#70  
 Phenanthrene  
 Concen: 47.099 ng  
 RT: 17.95 min Scan# 2426  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 976808 |       |       |
| 176     | 20.9  | 17.7   | 26.5  |       |
| 179     | 16.7  | 15.0   | 22.6  |       |





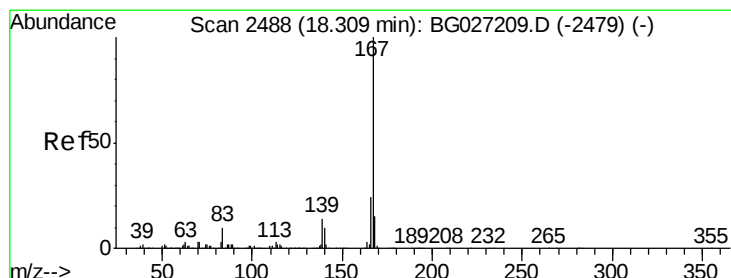
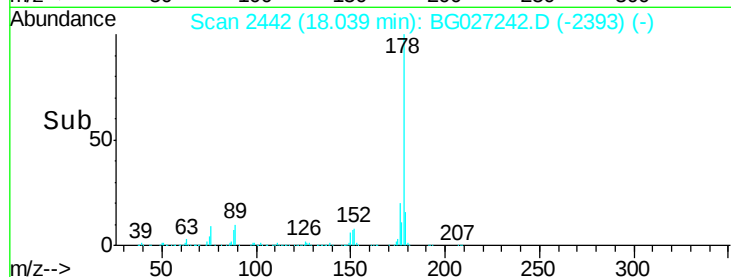
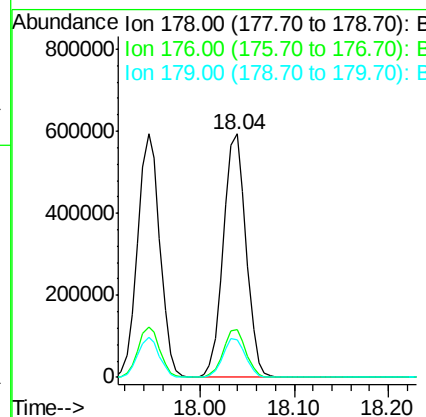
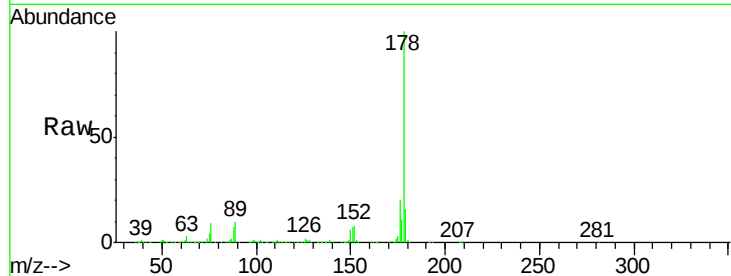
#71  
 Anthracene  
 Concen: 48.184 ng  
 RT: 18.04 min Scan# 2442  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 16.4  | 24.6  |
| 179     | 15.7  | 13.8  | 20.8  |

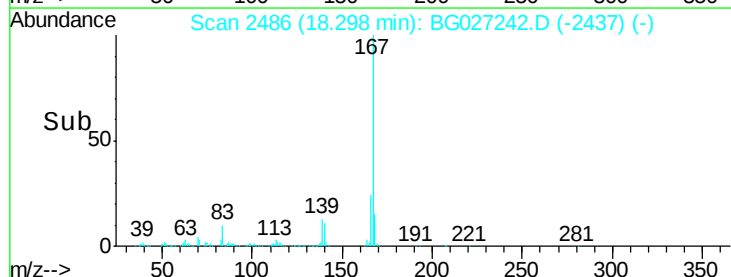
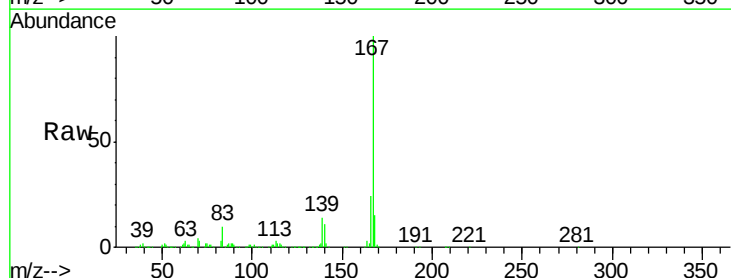
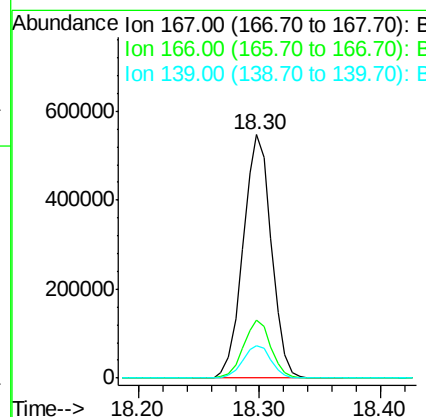
Manual Integrations  
 APPROVED

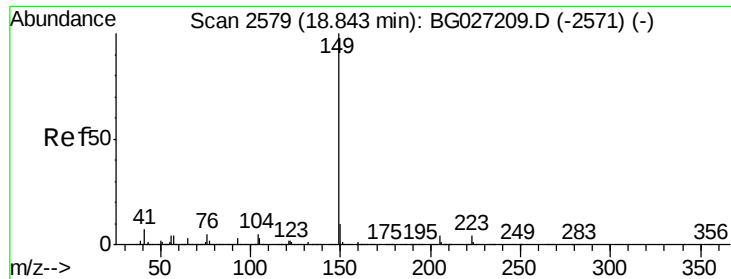
mohammad  
 6/8/2017 8:24:14 AM



#72  
 Carbazole  
 Concen: 45.294 ng  
 RT: 18.30 min Scan# 2486  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.0  | 20.2  | 30.2  |
| 139     | 13.5  | 12.8  | 19.2  |





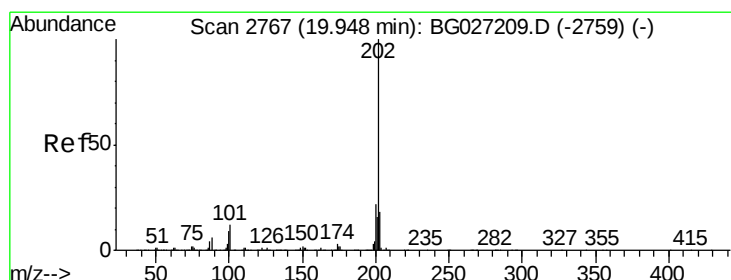
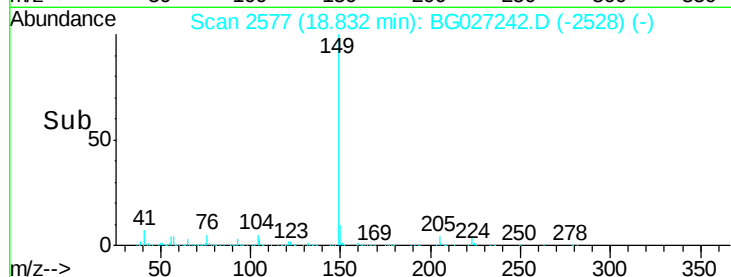
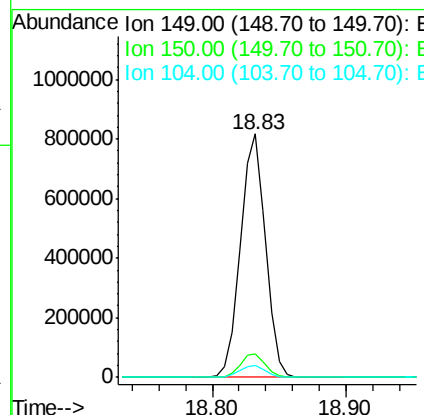
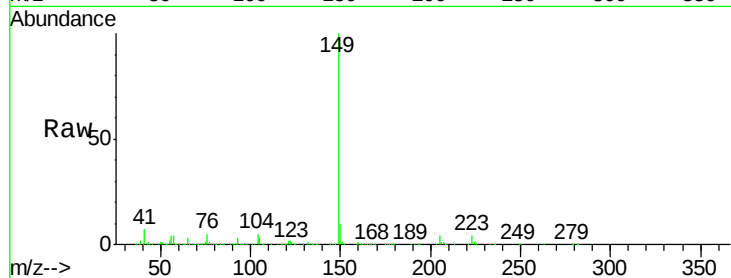
#73  
Di-n-butylphthalate  
Concen: 55.749 ng  
RT: 18.83 min Scan# 2577  
Delta R.T. -0.01 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1059382 |       |       |
| 150     | 9.9   |         | 9.1   | 13.7  |
| 104     | 4.9   |         | 6.7   | 10.1  |

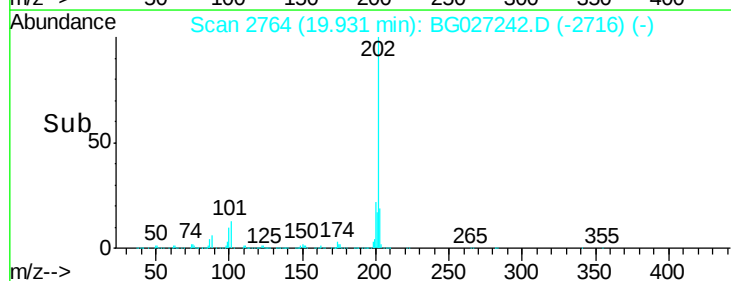
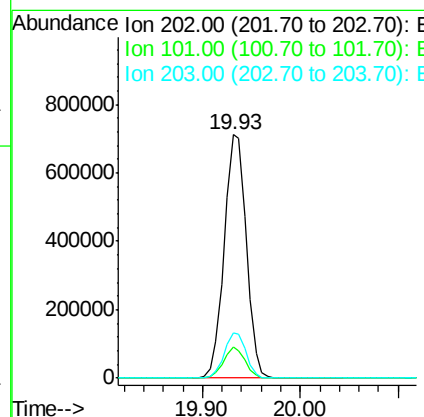
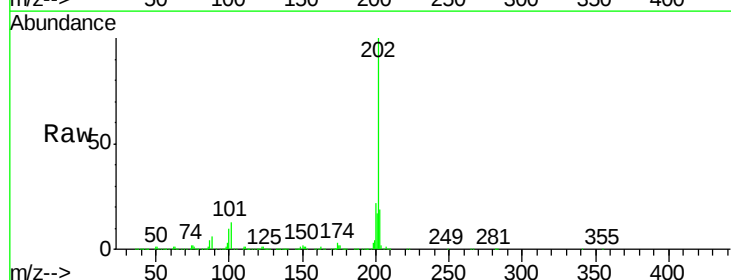
Manual Integrations  
APPROVED

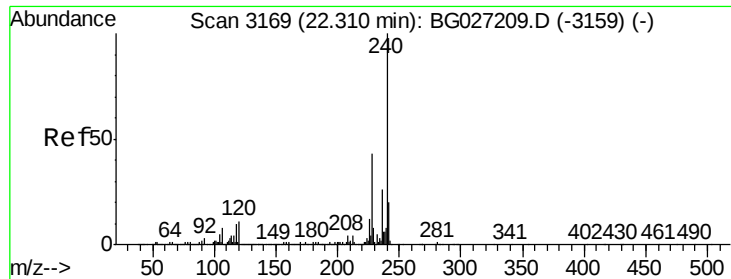
mohammad  
6/8/2017 8:24:14 AM



#74  
Fluoranthene  
Concen: 50.246 ng  
RT: 19.93 min Scan# 2764  
Delta R.T. -0.02 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 202     | 100   | 1113242 |       |       |
| 101     | 12.6  |         | 0.0   | 30.1  |
| 203     | 18.8  |         | 1.3   | 41.3  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.29 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

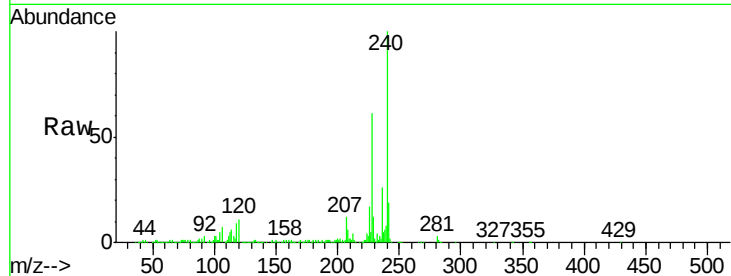
ClientSampleId :

SB-02-COMPMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.8  | 5.7   | 8.5#  |
| 236     | 26.5  | 22.2  | 33.4  |

Manual Integrations  
APPROVED

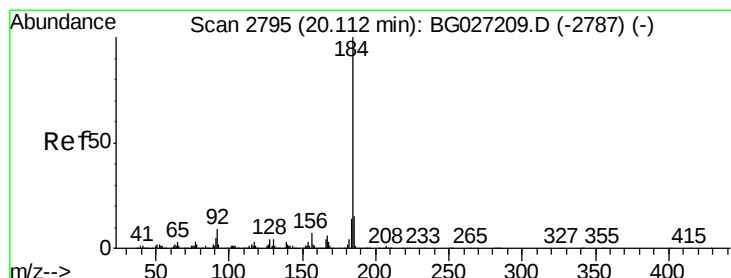
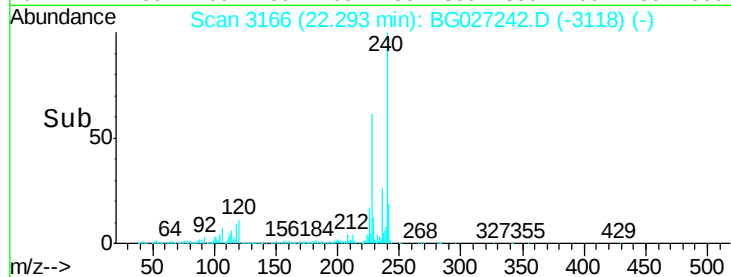
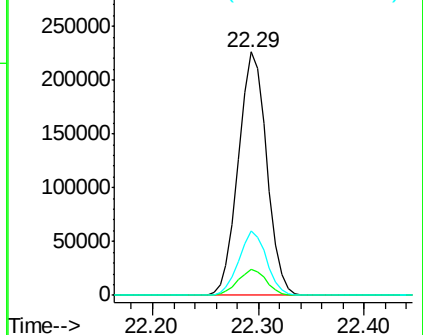
mohammad  
6/8/2017 8:24:14 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.844 ng

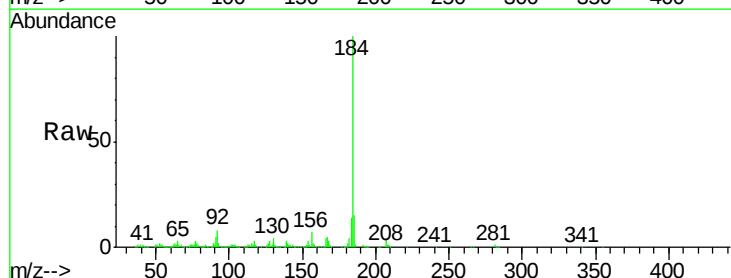
RT: 20.10 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

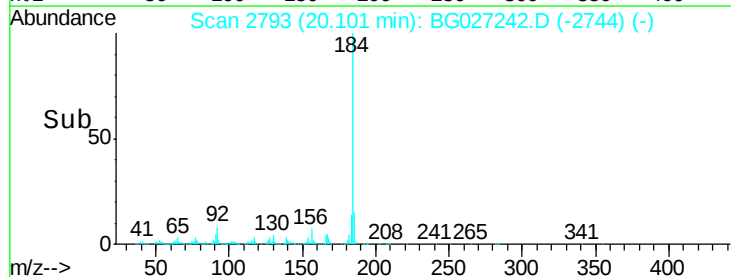
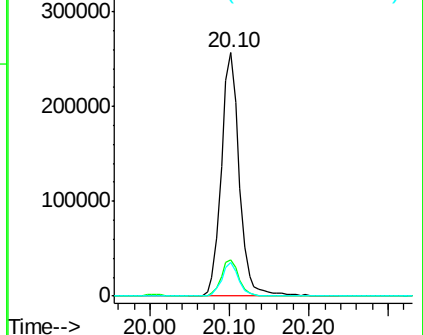
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.9  | 13.0  | 19.6  |
| 183     | 13.7  | 11.0  | 16.6  |

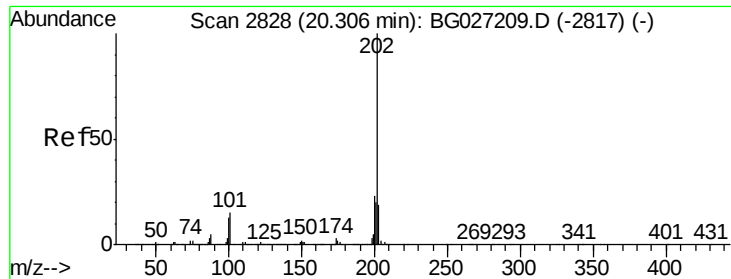


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





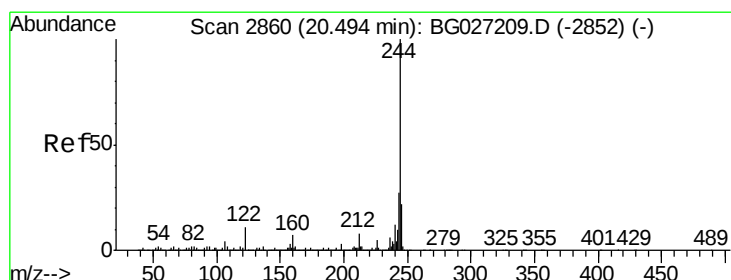
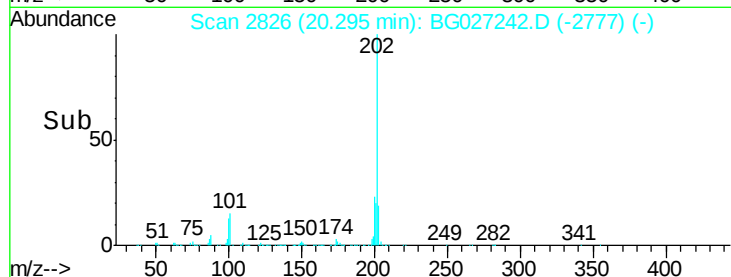
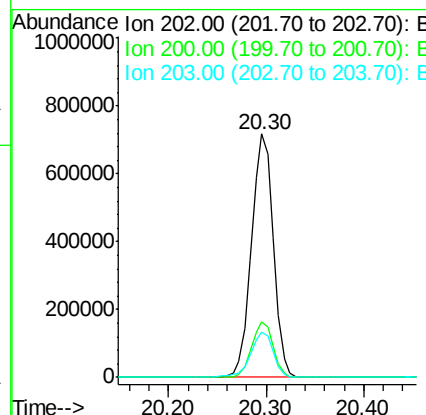
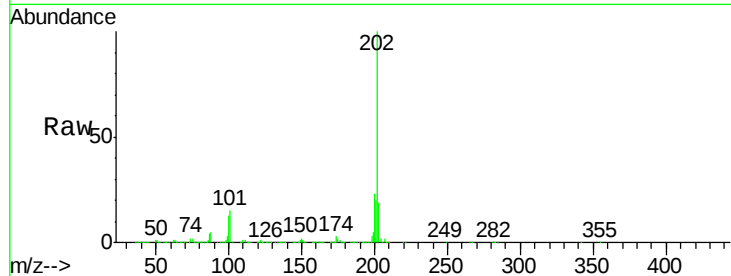
#77  
 Pyrene  
 Concen: 44.279 ng  
 RT: 20.30 min Scan# 2826  
 Delta R.T. -0.01 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.6  | 19.6  | 29.4  |
| 203     | 18.7  | 15.8  | 23.8  |

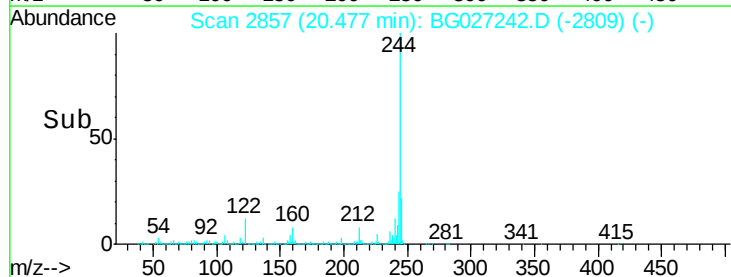
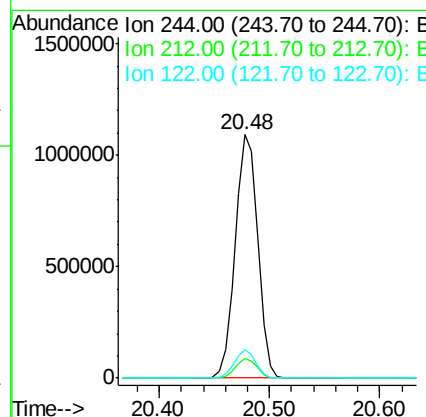
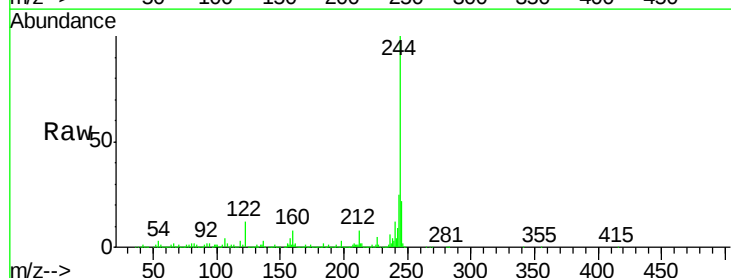
Manual Integrations  
 APPROVED

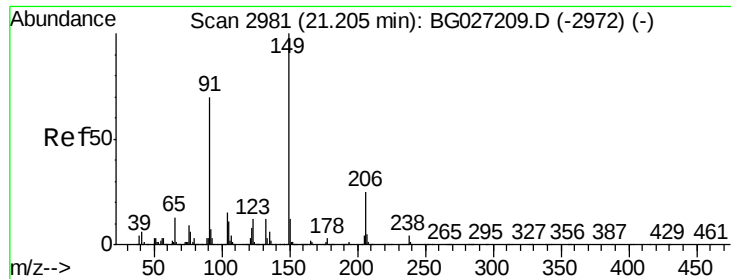
mohammad  
 6/8/2017 8:24:14 AM



#78  
 Terphenyl-d14  
 Concen: 94.995 ng  
 RT: 20.48 min Scan# 2857  
 Delta R.T. -0.02 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.3   | 10.0  | 15.0# |
| 122     | 11.7  | 8.6   | 12.8  |





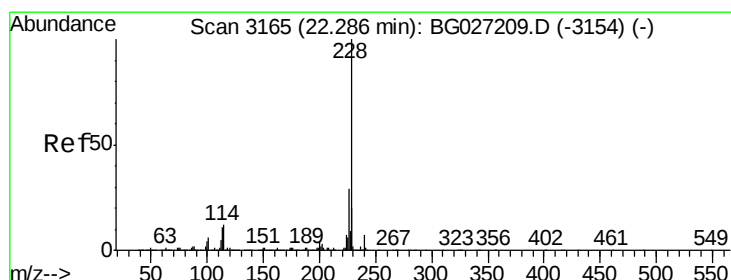
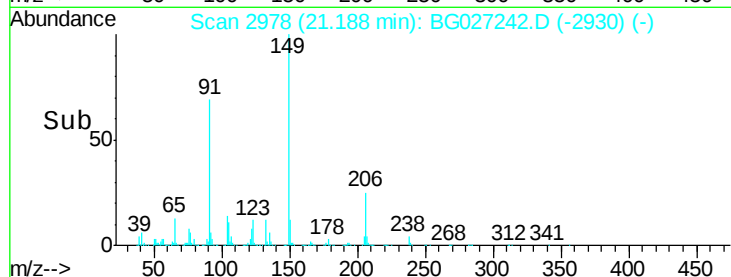
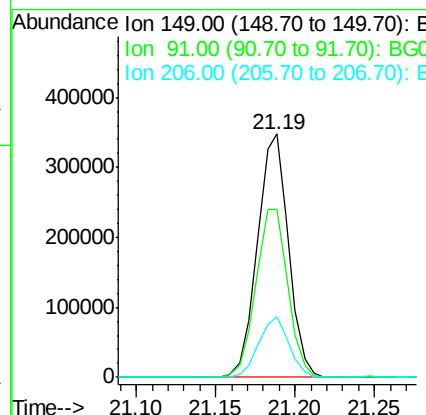
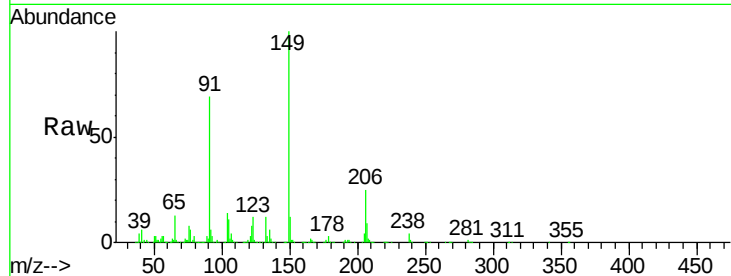
#79  
Butylbenzylphthalate  
Concen: 52.360 ng  
RT: 21.19 min Scan# 2978  
Delta R.T. -0.02 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.9  | 63.5  | 95.3  |
| 206     | 25.1  | 21.0  | 31.6  |

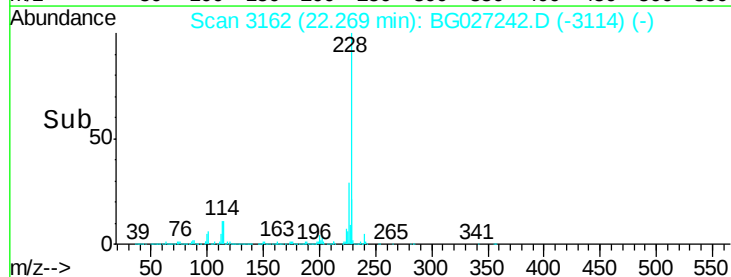
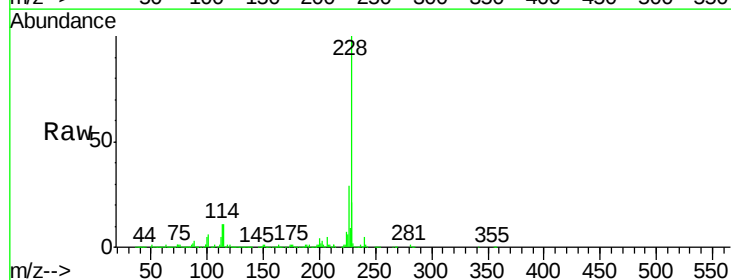
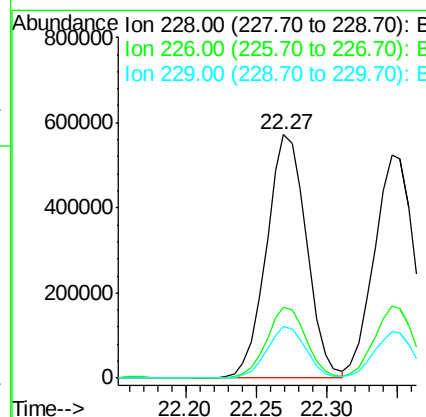
Manual Integrations  
APPROVED

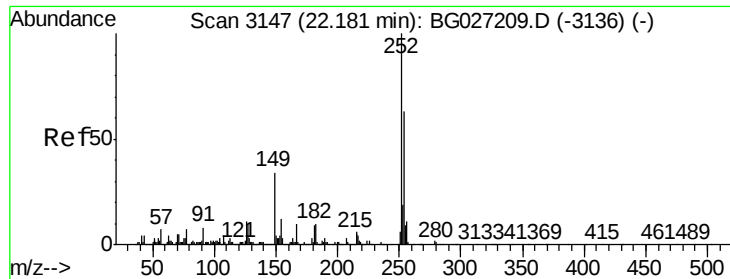
mohammad  
6/8/2017 8:24:14 AM



#80  
Benzo(a)anthracene  
Concen: 47.190 ng  
RT: 22.27 min Scan# 3162  
Delta R.T. -0.02 min  
Lab File: BG027242.D  
Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.2  | 24.9  | 37.3  |
| 229     | 21.1  | 18.2  | 27.2  |





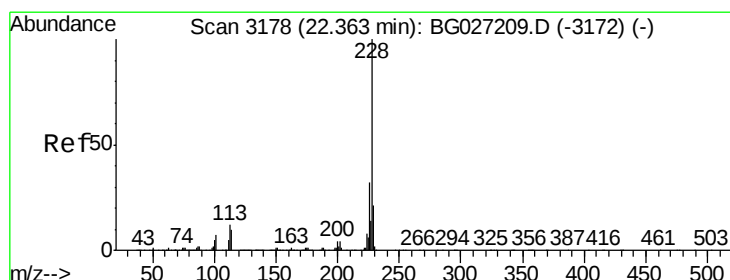
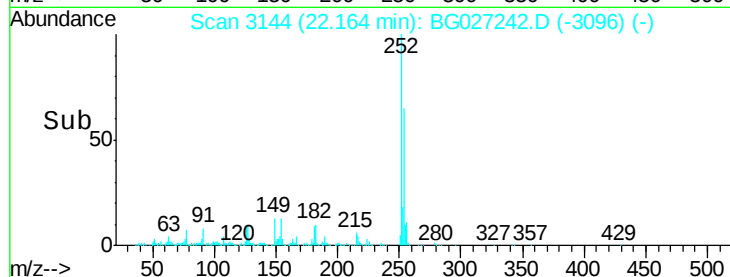
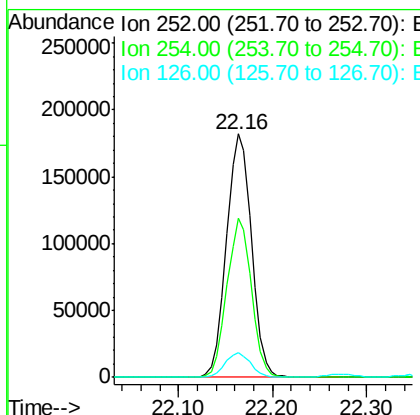
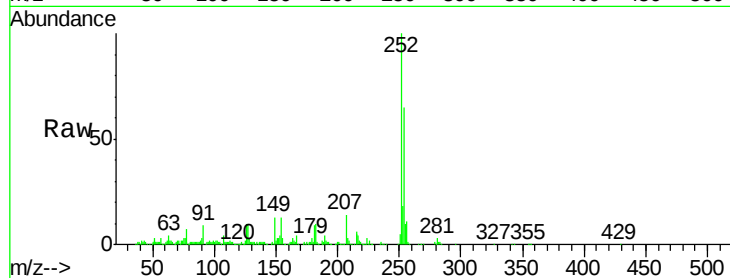
#81  
 3,3'-Dichlorobenzidine  
 Concen: 36.006 ng  
 RT: 22.16 min Scan# 3144  
 Delta R.T. -0.02 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 336102 |       |       |
| 254     | 65.2  | 53.1   | 79.7  |       |
| 126     | 10.3  | 7.0    | 10.4  |       |

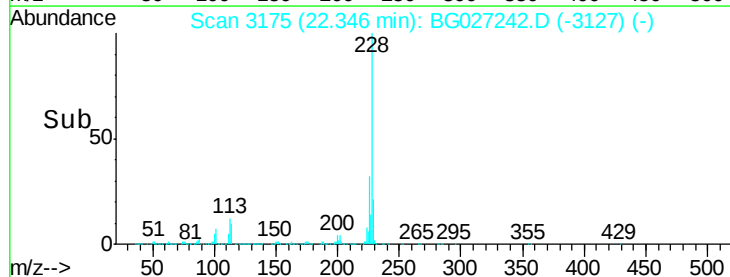
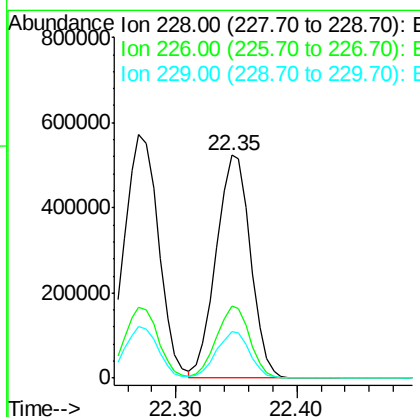
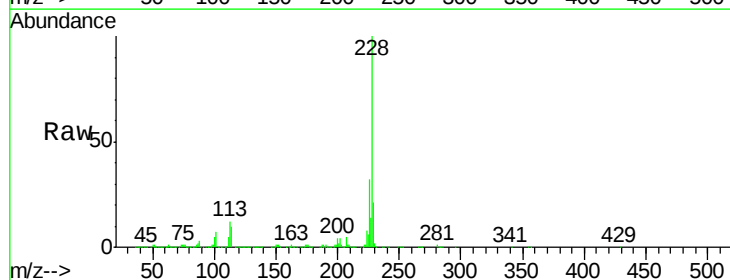
Manual Integrations  
 APPROVED

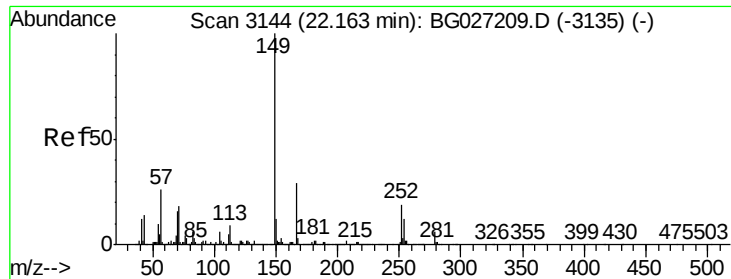
mohammad  
 6/8/2017 8:24:14 AM



#82  
 Chrysene  
 Concen: 44.538 ng  
 RT: 22.35 min Scan# 3175  
 Delta R.T. -0.02 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1026016 |       |       |
| 226     | 32.1  | 27.0    | 40.4  |       |
| 229     | 20.8  | 17.8    | 26.6  |       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.738 ng

RT: 22.14 min Scan# 3140

Delta R.T. -0.02 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

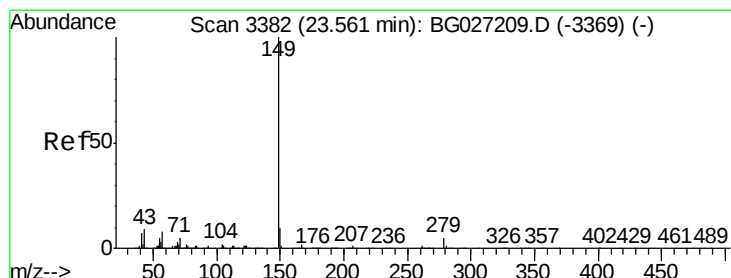
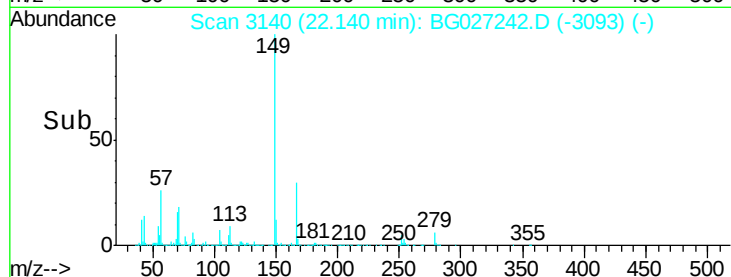
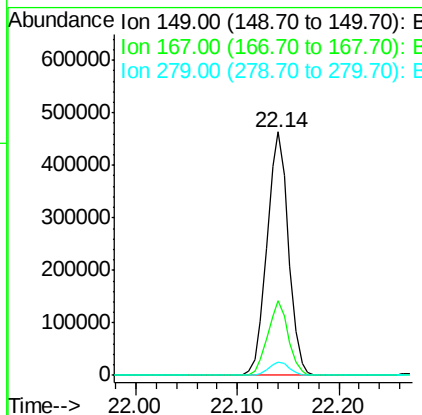
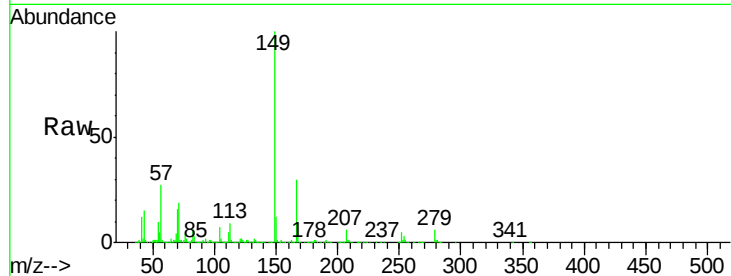
ClientSampleId :

SB-02-COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 688759 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 30.4  | 23.7  | 35.5   |
| 279       | 5.6   | 4.6   | 6.8    |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



#84

Di-n-octyl phthalate

Concen: 51.154 ng

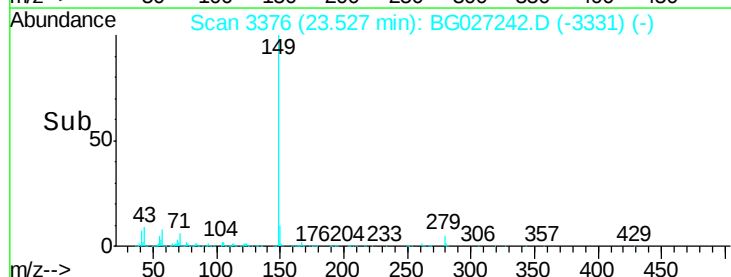
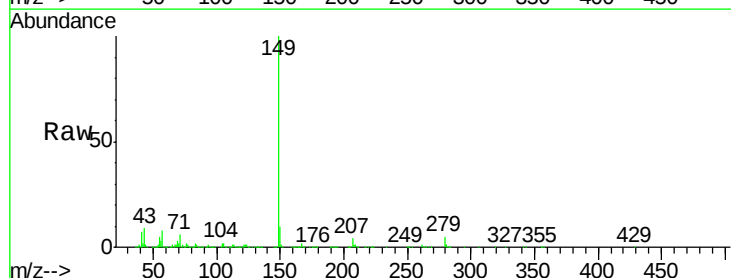
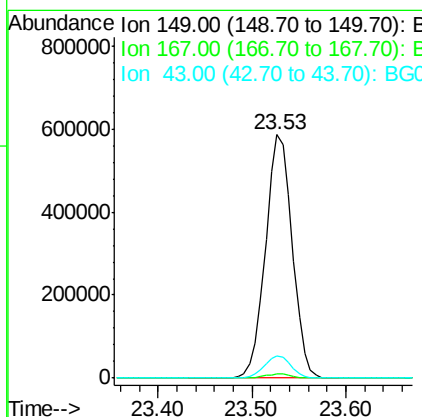
RT: 23.53 min Scan# 3376

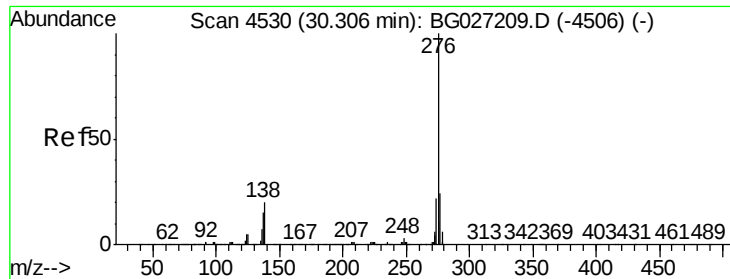
Delta R.T. -0.03 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1150094 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.8   | 1.4   | 2.2     |
| 43        | 9.1   | 11.8  | 17.6#   |





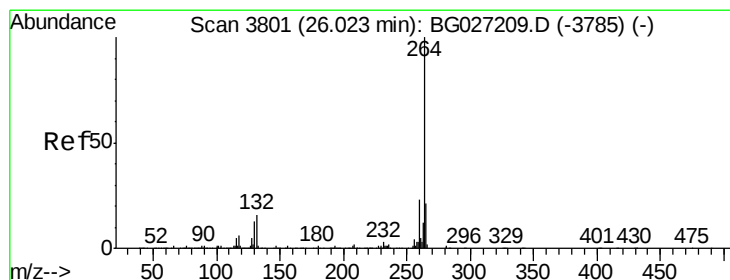
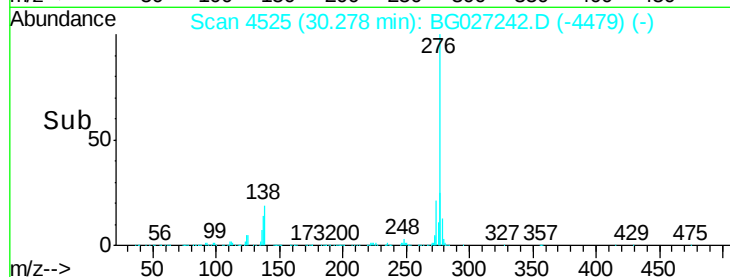
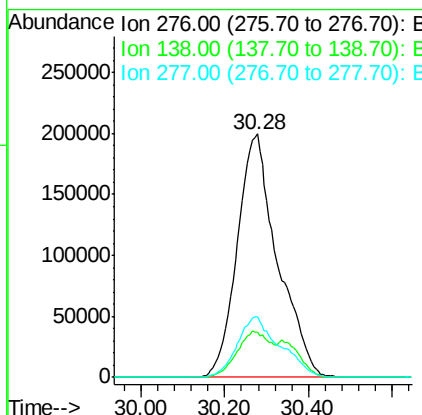
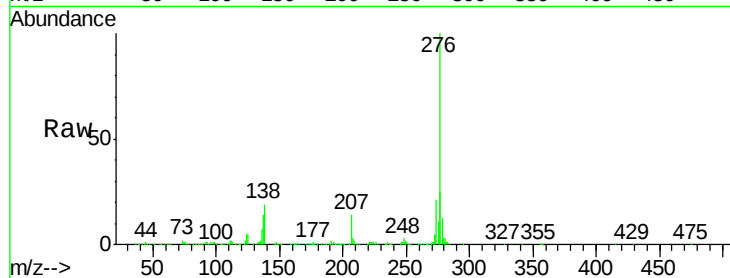
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.069 ng  
 RT: 30.28 min Scan# 4525  
 Delta R.T. -0.03 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

Tgt Ion: 276 Resp: 1341098  
 Ion Ratio Lower Upper  
 276 100  
 138 15.4 4.7 7.1#  
 277 26.3 20.6 31.0

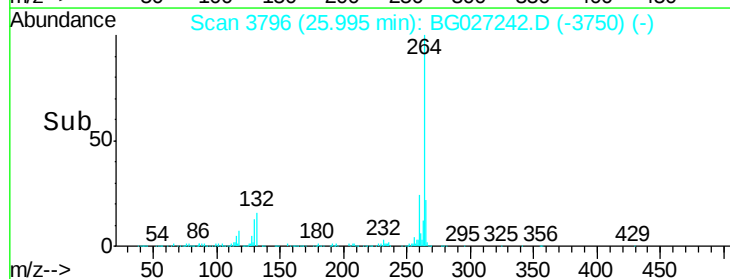
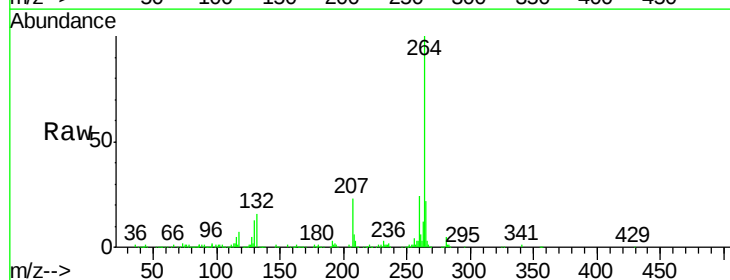
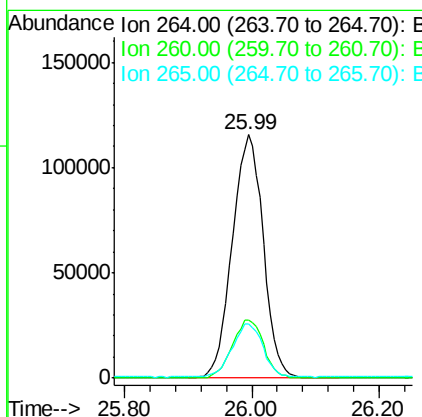
Manual Integrations  
 APPROVED

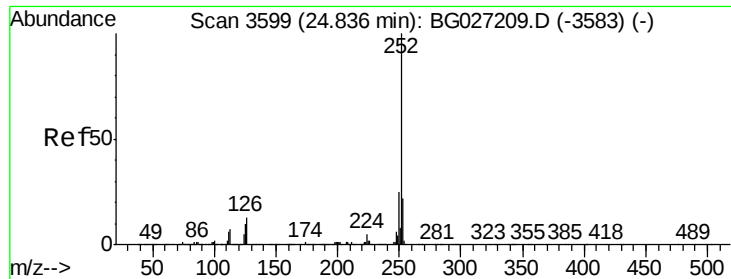
mohammad  
 6/8/2017 8:24:14 AM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.99 min Scan# 3796  
 Delta R.T. -0.03 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Tgt Ion: 264 Resp: 389215  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 21.8 32.8  
 265 22.4 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 47.859 ng

RT: 24.81 min Scan# 3595

Delta R.T. -0.02 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

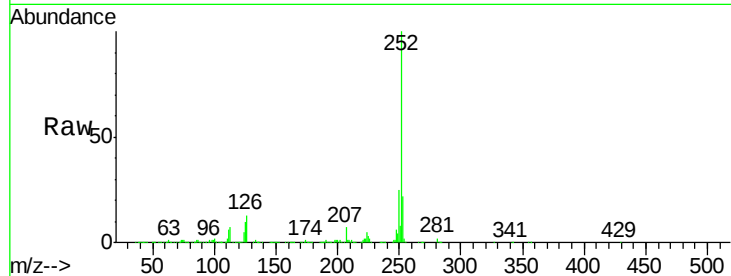
ClientSampleId :

SB-02-COMPMSD

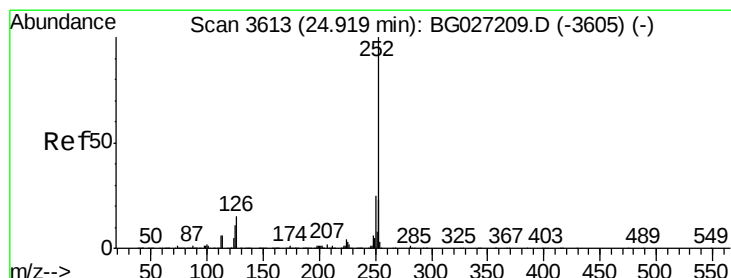
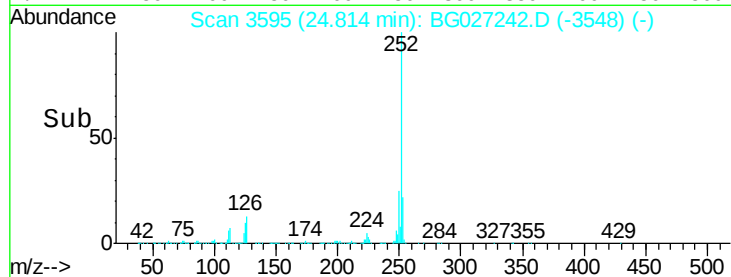
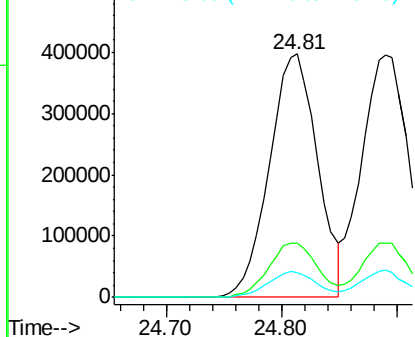
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.7  | 28.1  |
| 125     | 10.2  | 5.3   | 7.9#  |

Manual Integrations  
APPROVED

mohammad  
6/8/2017 8:24:14 AM



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.427 ng

RT: 24.89 min Scan# 3608

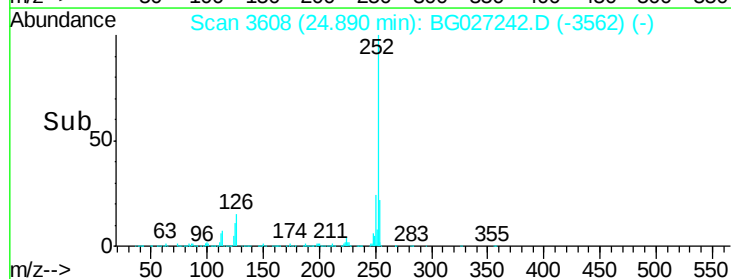
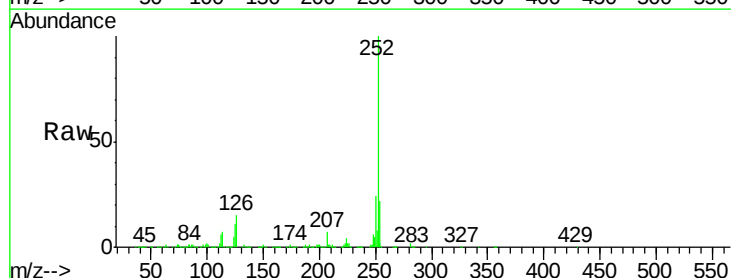
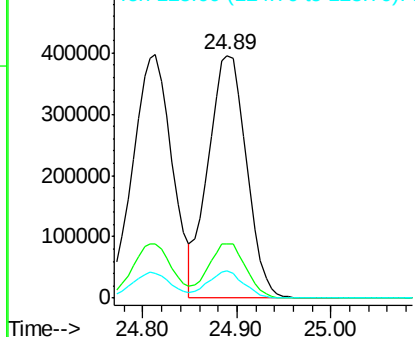
Delta R.T. -0.03 min

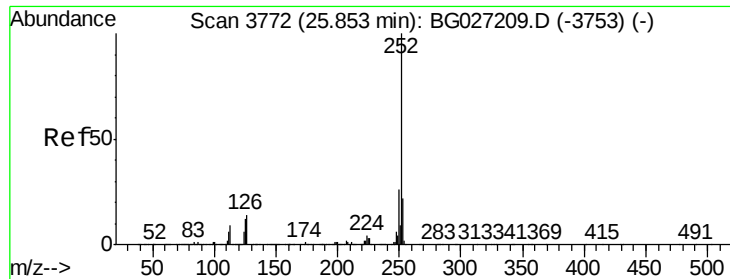
Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 20.2  | 30.2  |
| 125     | 11.0  | 5.1   | 7.7#  |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.436 ng

RT: 25.82 min Scan# 3767

Delta R.T. -0.03 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

Instrument :

BNA\_G

ClientSampleId :

SB-02-COMPMSD

Tgt Ion: 252 Resp: 1100638

Ion Ratio Lower Upper

252 100

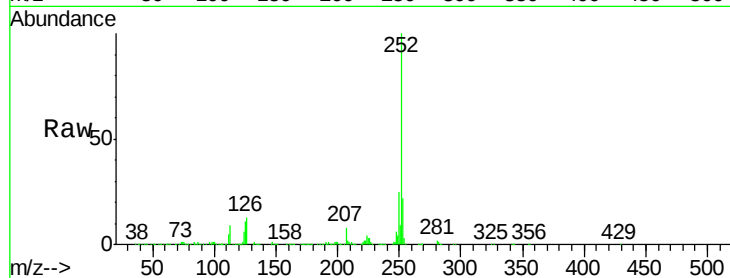
253 22.2 19.2 28.8

125 11.4 5.4 8.0#

Manual Integrations  
APPROVED

mohammad

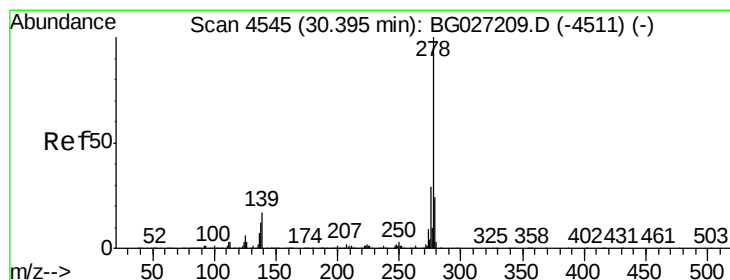
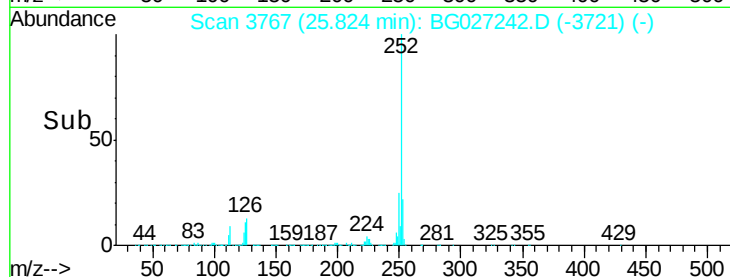
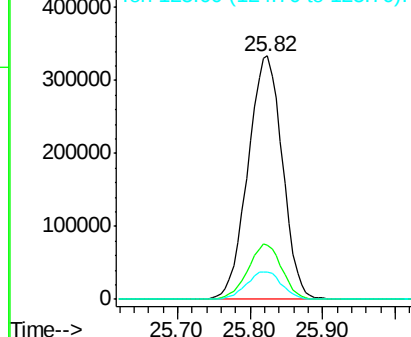
6/8/2017 8:24:14 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.342 ng

RT: 30.35 min Scan# 4538

Delta R.T. -0.04 min

Lab File: BG027242.D

Acq: 6 Jun 2017 10:21

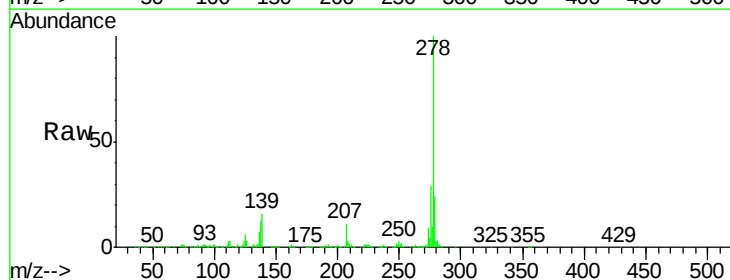
Tgt Ion: 278 Resp: 1149938

Ion Ratio Lower Upper

278 100

139 15.7 7.7 11.5#

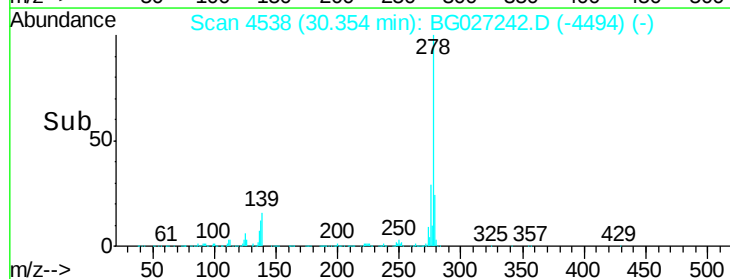
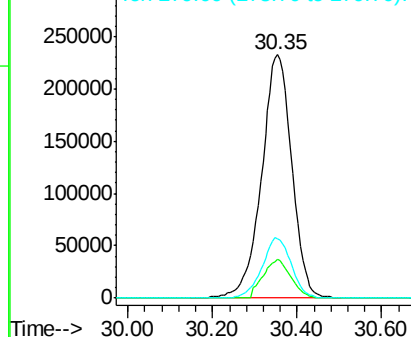
279 24.4 19.1 28.7

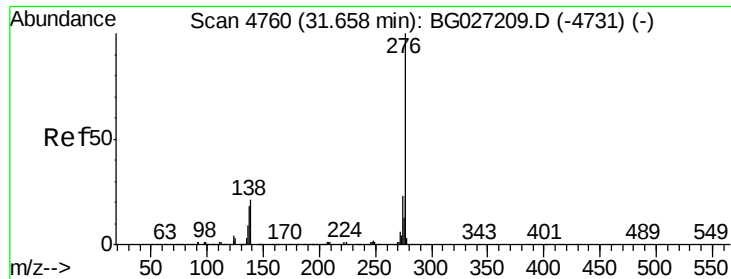


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(g,h,i)perylene  
 Concen: 47.777 ng  
 RT: 31.61 min Scan# 4752  
 Delta R.T. -0.05 min  
 Lab File: BG027242.D  
 Acq: 6 Jun 2017 10:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.3  | 18.6  | 27.8  |
| 138     | 20.0  | 8.1   | 12.1# |

Manual Integrations  
 APPROVED

mohammad  
 6/8/2017 8:24:14 AM

