

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG022417\  
 Data File : BG025937.D  
 Acq On : 24 Feb 2017 18:19  
 Operator : SJ/MA  
 Sample : PB97155BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97155BSD

Manual Integrations  
 APPROVED

mohammad  
 2/27/2017 1:06:55 PM

Quant Time: Feb 24 22:52:55 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG021717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 15:48:21 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 91560    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.88 | 136  | 456366   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.68 | 164  | 312676   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.42 | 188  | 777606   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.67 | 240  | 792335   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.87 | 264  | 767902   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.65  | 112 | 777481  | 147.84 | ng | 0.00 |
| 7) Phenol-d6             | 7.24  | 99  | 1127895 | 144.93 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.24  | 82  | 616732  | 85.28  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.16 | 330 | 515138  | 178.32 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.31 | 172 | 1730885 | 96.73  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.01 | 244 | 2427318 | 74.51  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88  | 73928   | 30.76 | ng | # 89   |
| 3) Pyridine                    | 3.94  | 79  | 219246  | 30.61 | ng | # 78   |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 96001   | 37.27 | ng | # 31   |
| 6) Aniline                     | 7.40  | 93  | 299562  | 27.69 | ng | # 91   |
| 8) 2-Chlorophenol              | 7.65  | 128 | 288152  | 46.10 | ng | # 87   |
| 9) Benzaldehyde                | 7.22  | 77  | 99420   | 21.56 | ng | # 77   |
| 10) Phenol                     | 7.27  | 94  | 391908  | 46.34 | ng | # 73   |
| 11) bis(2-Chloroethyl)ether    | 7.50  | 93  | 253923  | 36.53 | ng | # 87   |
| 12) 1,3-Dichlorobenzene        | 7.97  | 146 | 272047  | 37.65 | ng | # 88   |
| 13) 1,4-Dichlorobenzene        | 8.12  | 146 | 277802  | 37.96 | ng | # 95   |
| 14) 1,2-Dichlorobenzene        | 8.44  | 146 | 265895  | 37.00 | ng | # 93   |
| 15) Benzyl Alcohol             | 8.31  | 79  | 267217  | 46.89 | ng | # 80   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61  | 45  | 353568  | 35.05 | ng | # 92   |
| 17) 2-Methylphenol             | 8.51  | 107 | 277624  | 45.57 | ng | # 82   |
| 18) Hexachloroethane           | 9.17  | 117 | 91352   | 37.66 | ng | # 88   |
| 19) n-Nitroso-di-n-propylamine | 8.88  | 70  | 229911  | 40.45 | ng | # 81   |
| 20) 3+4-Methylphenols          | 8.84  | 107 | 397333  | 45.78 | ng | # 88   |
| 22) Acetophenone               | 8.90  | 105 | 429985  | 39.26 | ng | # 80   |
| 24) Nitrobenzene               | 9.28  | 77  | 312176  | 39.92 | ng | # 80   |
| 25) Isophorone                 | 9.81  | 82  | 663673  | 41.70 | ng | # 90   |
| 26) 2-Nitrophenol              | 9.99  | 139 | 166878  | 45.63 | ng | # 71   |
| 27) 2,4-Dimethylphenol         | 10.05 | 122 | 331360  | 48.55 | ng | # 89   |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93  | 407936  | 40.45 | ng | # 99   |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 329117  | 50.52 | ng | # 96   |
| 30) 1,2,4-Trichlorobenzene     | 10.75 | 180 | 281139  | 39.68 | ng | # 98   |
| 31) Naphthalene                | 10.93 | 128 | 920874  | 39.03 | ng | # 100  |
| 32) Benzoic acid               | 10.18 | 122 | 266317  | 51.11 | ng | # 77   |
| 33) 4-Chloroaniline            | 11.03 | 127 | 157351  | 15.35 | ng | # 85   |
| 34) Hexachlorobutadiene        | 11.22 | 225 | 156965  | 38.94 | ng | # 99   |
| 35) Caprolactam                | 11.80 | 113 | 148927m | 56.61 | ng | # 99   |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 394004  | 50.55 | ng | # 84   |
| 37) 2-Methylnaphthalene        | 12.53 | 142 | 758571  | 42.21 | ng | # 92   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 341895  | 43.63 | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 12.88 | 237 | 409060  | 95.39 | ng | # 97   |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 15:48:21 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.13 | 196  | 282691   | 55.85  | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.20 | 196  | 305024   | 53.09  | ng #  | 94       |
| 45) 1,1'-Biphenyl              | 13.53 | 154  | 1024565  | 45.22  | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.57 | 162  | 748250   | 45.68  | ng    | 98       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 269578   | 51.89  | ng #  | 75       |
| 48) Acenaphthylene             | 14.41 | 152  | 1328990  | 45.56  | ng    | 99       |
| 49) Dimethylphthalate          | 14.14 | 163  | 1074451  | 50.09  | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.25 | 165  | 244606   | 50.76  | ng #  | 67       |
| 51) Acenaphthene               | 14.75 | 154  | 863884   | 44.85  | ng    | 98       |
| 52) 3-Nitroaniline             | 14.58 | 138  | 135648   | 25.17  | ng #  | 77       |
| 53) 2,4-Dinitrophenol          | 14.79 | 184  | 296667   | 117.65 | ng #  | 85       |
| 54) Dibenzofuran               | 15.08 | 168  | 1285495  | 50.06  | ng    | 92       |
| 55) 4-Nitrophenol              | 14.88 | 139  | 482393   | 109.97 | ng #  | 47       |
| 56) 2,4-Dinitrotoluene         | 15.04 | 165  | 346764   | 53.49  | ng #  | 80       |
| 57) Fluorene                   | 15.73 | 166  | 1082060  | 47.16  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 297180   | 58.63  | ng    | 98       |
| 59) Diethylphthalate           | 15.49 | 149  | 1123438  | 50.63  | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.72 | 204  | 507012   | 47.68  | ng    | 92       |
| 61) 4-Nitroaniline             | 15.73 | 138  | 283534   | 50.75  | ng #  | 55       |
| 62) Azobenzene                 | 16.00 | 77   | 1006815  | 52.79  | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 198416   | 43.60  | ng    | 92       |
| 65) n-Nitrosodiphenylamine     | 15.93 | 169  | 985332   | 41.78  | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.60 | 248  | 344218   | 42.23  | ng    | 97       |
| 67) Hexachlorobenzene          | 16.73 | 284  | 352129   | 41.92  | ng    | 95       |
| 68) Atrazine                   | 16.87 | 200  | 367729   | 44.06  | ng    | 98       |
| 69) Pentachlorophenol          | 17.07 | 266  | 474596   | 91.59  | ng    | 99       |
| 70) Phenanthrene               | 17.46 | 178  | 1735775  | 41.12  | ng    | 97       |
| 71) Anthracene                 | 17.55 | 178  | 1792390  | 41.65  | ng    | 99       |
| 72) Carbazole                  | 17.81 | 167  | 1664997  | 38.51  | ng    | 97       |
| 73) Di-n-butylphthalate        | 18.37 | 149  | 1922967  | 45.31  | ng #  | 94       |
| 74) Fluoranthene               | 19.46 | 202  | 1925501  | 41.43  | ng    | 95       |
| 76) Benzidine                  | 19.62 | 184  | 727462   | 29.08  | ng    | 98       |
| 77) Pyrene                     | 19.82 | 202  | 1943449  | 38.78  | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.69 | 149  | 857630   | 45.10  | ng    | 87       |
| 80) Benzo(a)anthracene         | 21.65 | 228  | 1856052  | 40.12  | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.56 | 252  | 413287   | 25.06  | ng #  | 96       |
| 82) Chrysene                   | 21.72 | 228  | 1713147  | 38.51  | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 1219098  | 44.40  | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.76 | 149  | 2106087  | 46.44  | ng #  | 86       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.53 | 276  | 2222919  | 42.43  | ng #  | 87       |
| 87) Benzo(b)fluoranthene       | 23.85 | 252  | 1878448  | 40.84  | ng #  | 96       |
| 88) Benzo(k)fluoranthene       | 23.93 | 252  | 1854899  | 41.34  | ng #  | 94       |
| 89) Benzo(a)pyrene             | 24.72 | 252  | 1847644  | 42.43  | ng #  | 94       |
| 90) Dibenzo(a,h)anthracene     | 28.60 | 278  | 1843049  | 42.13  | ng #  | 92       |
| 91) Benzo(g,h,i)perylene       | 29.68 | 276  | 1846423  | 42.09  | ng #  | 88       |

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

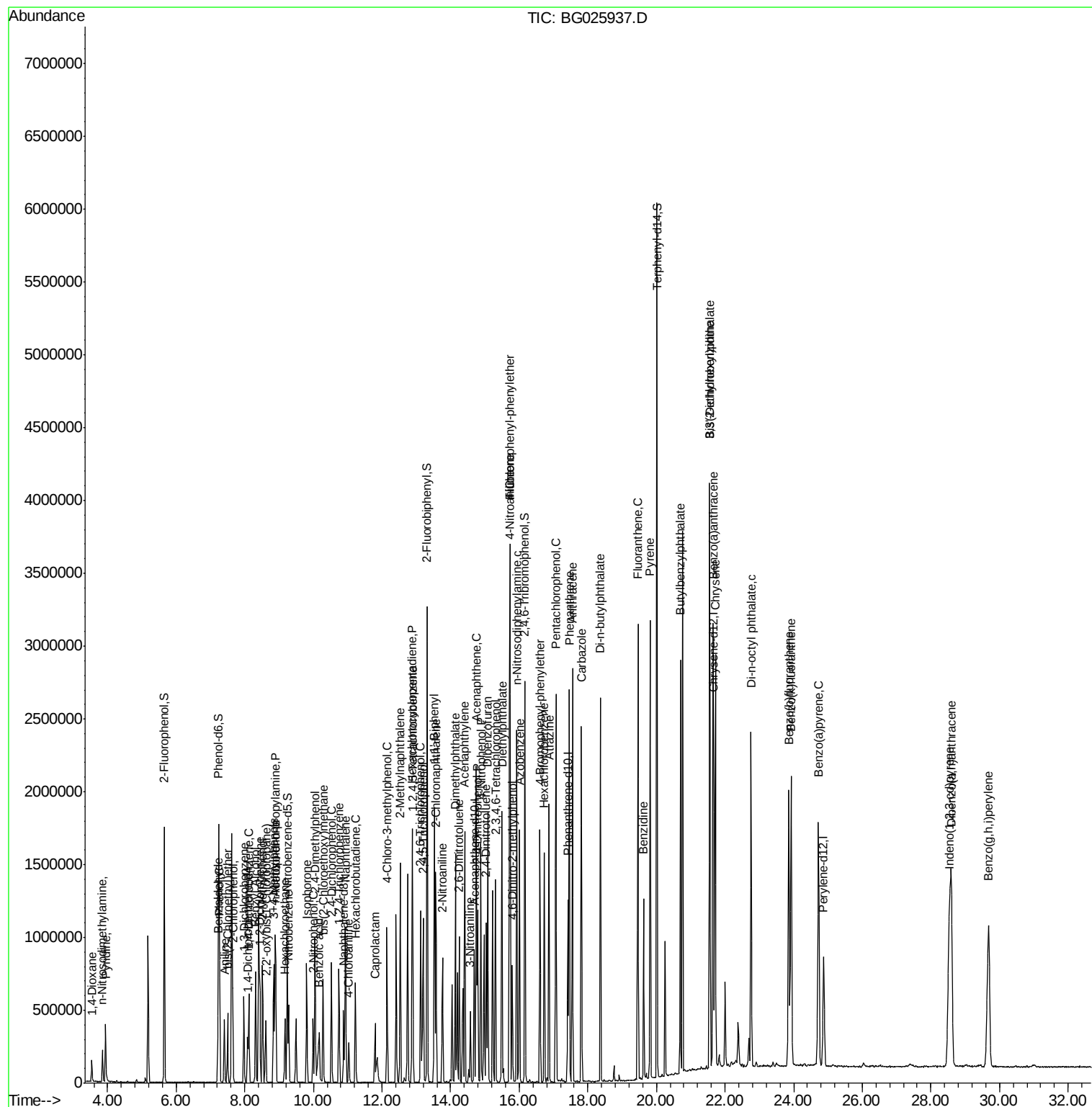
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG022417\  
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 Sample : PB97155BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

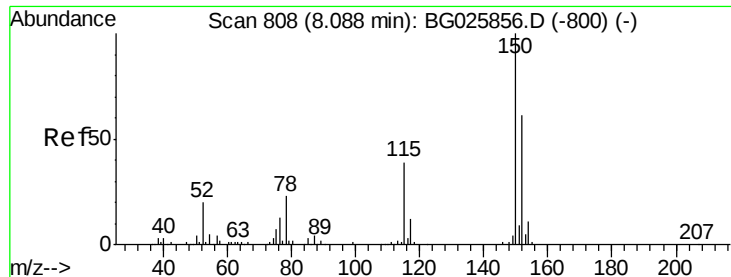
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97155BSD

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#1

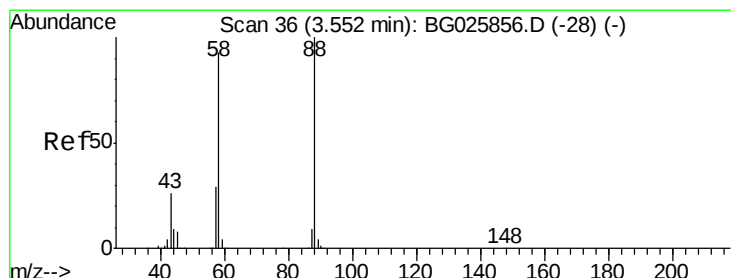
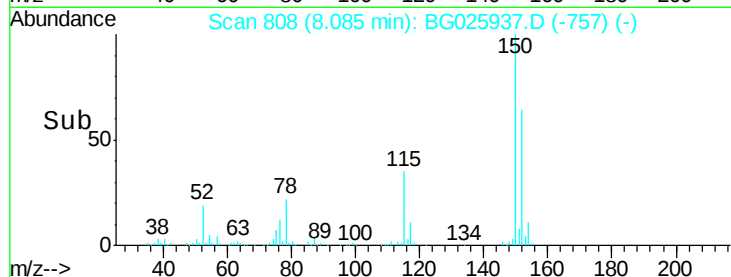
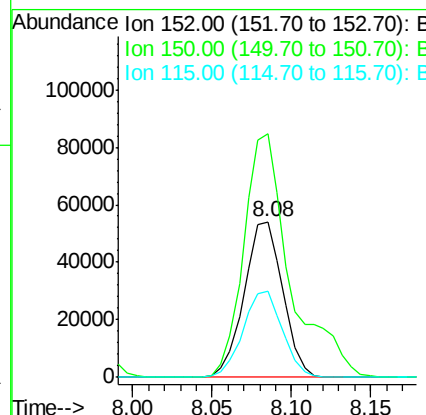
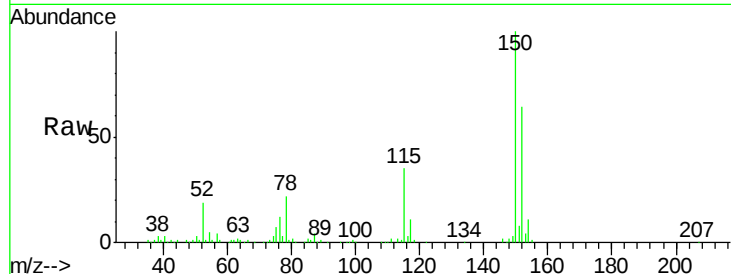
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.08 min Scan# 808  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampled :  
PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.7 | 114.0 | 171.0 |
| 115     | 55.3  | 48.1  | 72.1  |

Manual Integrations  
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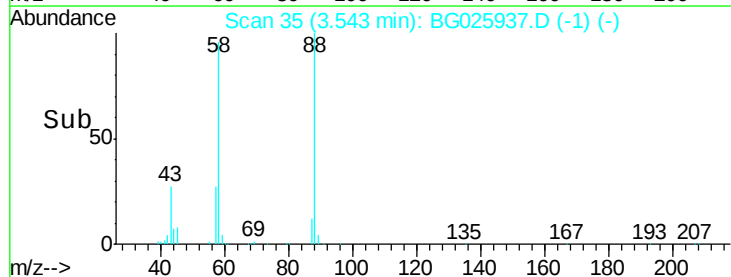
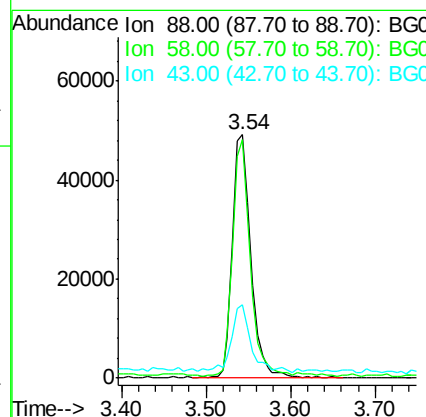
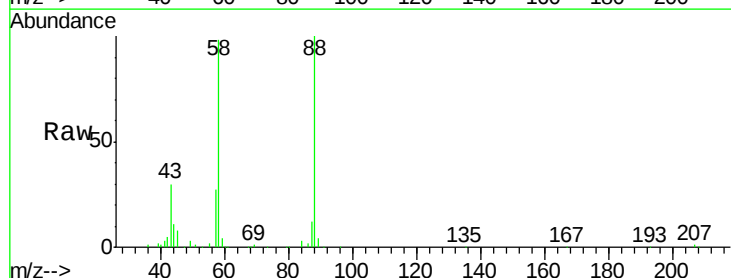
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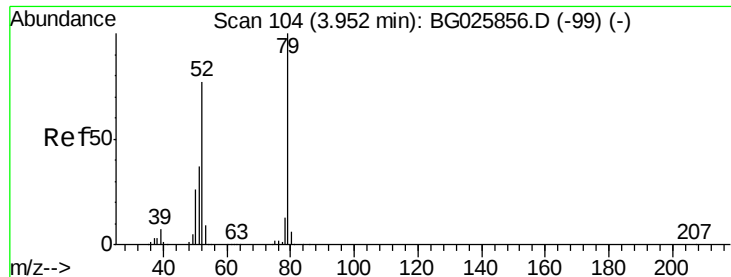


#2

1,4-Dioxane  
Concen: 30.76 ng  
RT: 3.54 min Scan# 35  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 92.0  | 79.4  | 119.2 |
| 43      | 29.7  | 33.8  | 50.6# |





#3

Pyridine

Concen: 30.61 ng

RT: 3.94 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

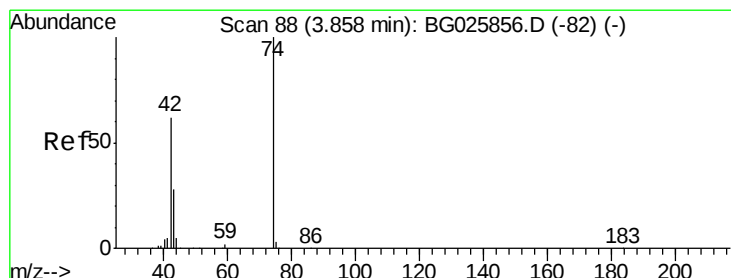
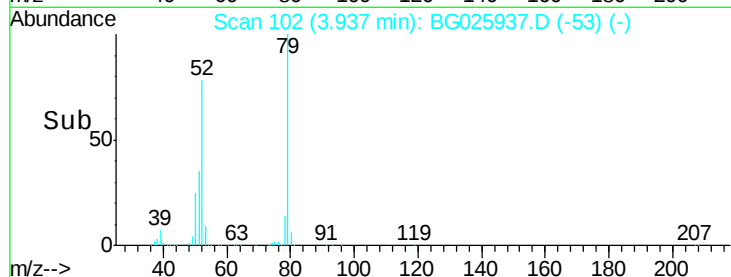
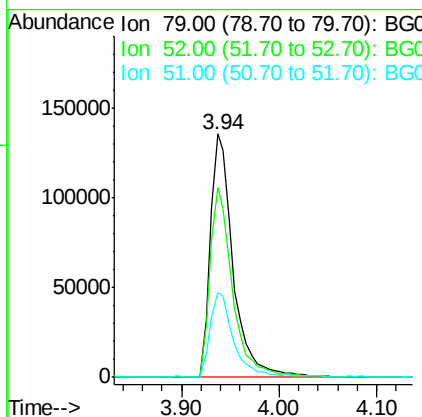
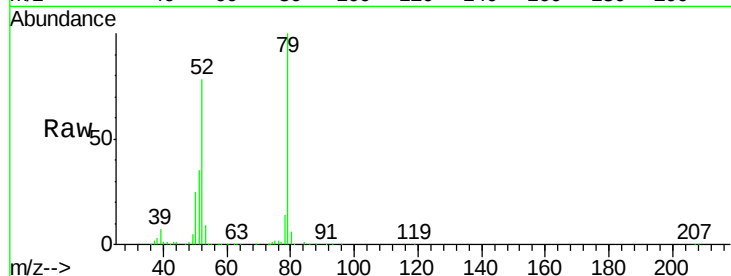
ClientSampleId :

PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 78.0  | 77.8  | 116.6 |
| 51      | 34.9  | 43.2  | 64.8# |

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#4

n-Nitrosodimethylamine

Concen: 37.27 ng

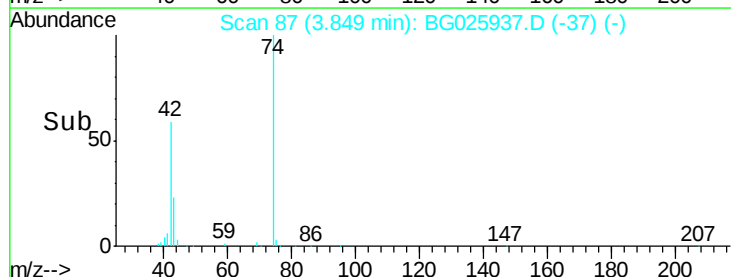
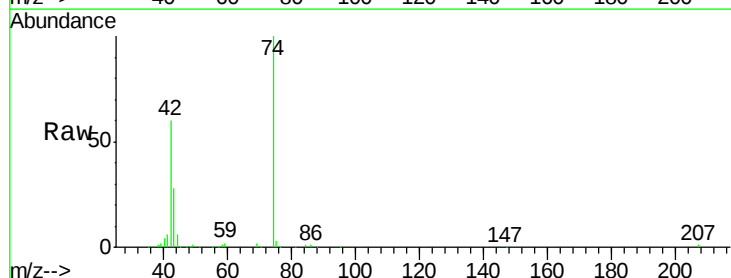
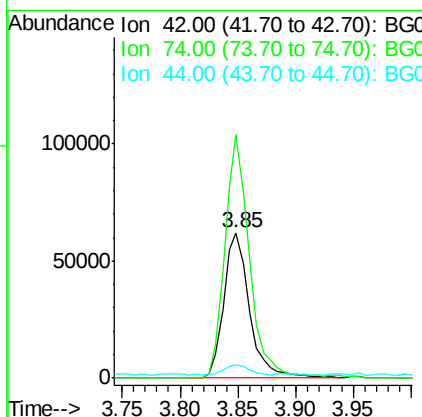
RT: 3.85 min Scan# 87

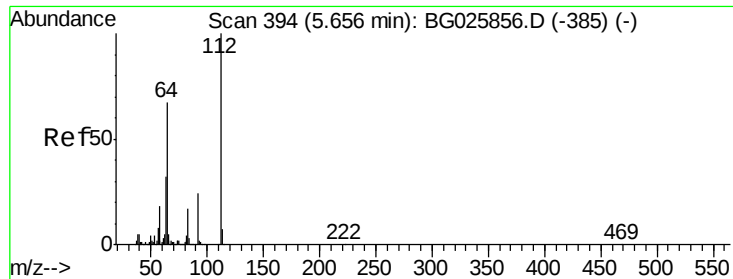
Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 167.7 | 76.7  | 115.1# |
| 44      | 9.4   | 6.1   | 9.1#   |





#5

2-Fluorophenol

Concen: 147.84 ng

RT: 5.65 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

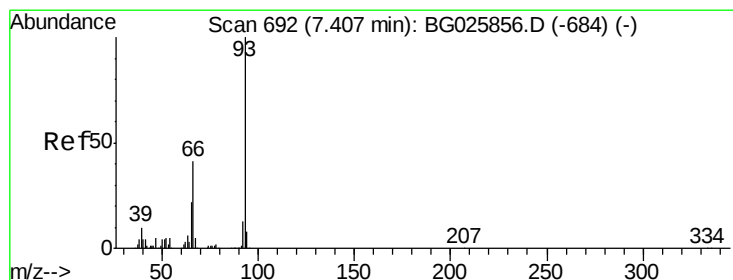
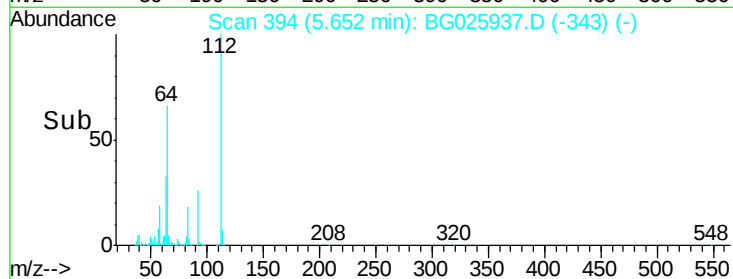
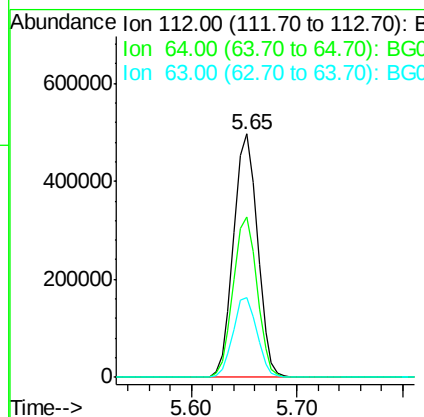
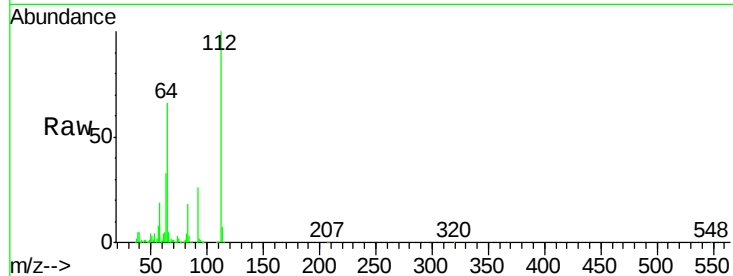
ClientSampleId :

PB97155BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 777481 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 66.0  | 61.8  | 92.6   |
| 63        | 32.7  | 37.2  | 55.8#  |

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#6

Aniline

Concen: 27.69 ng

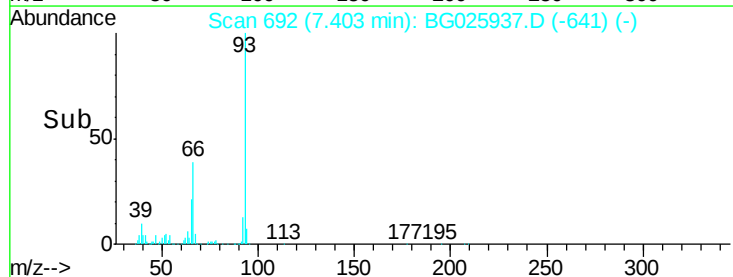
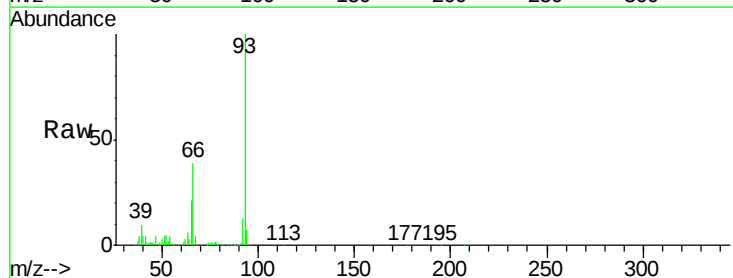
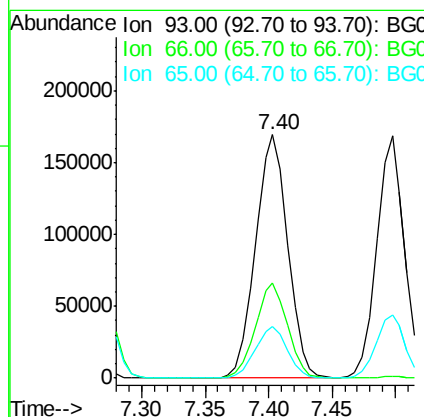
RT: 7.40 min Scan# 692

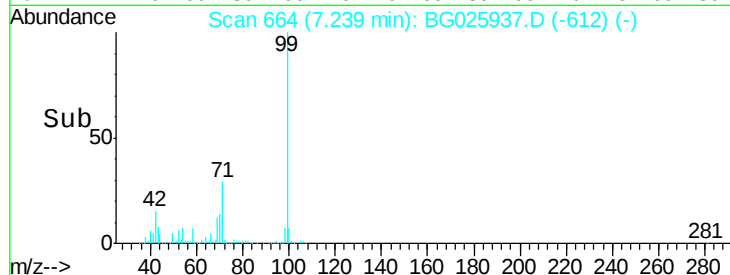
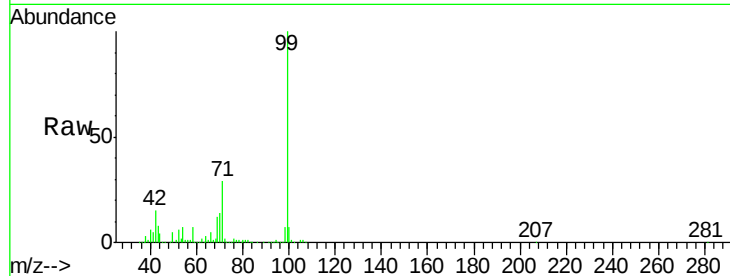
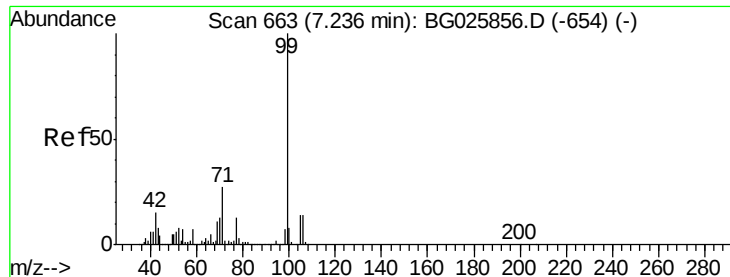
Delta R.T. -0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 299562 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 38.9  | 35.4  | 53.2   |
| 65        | 21.0  | 21.2  | 31.8#  |





#7

Phenol-d6

Concen: 144.93 ng

RT: 7.24 min Scan# 664

Delta R.T. 0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Tgt Ion: 99 Resp: 1127895

Ion Ratio Lower Upper

99 100

42 15.1 20.5 30.7#

71 29.2 37.6 56.4#

Instrument :

BNA\_G

ClientSampleId :

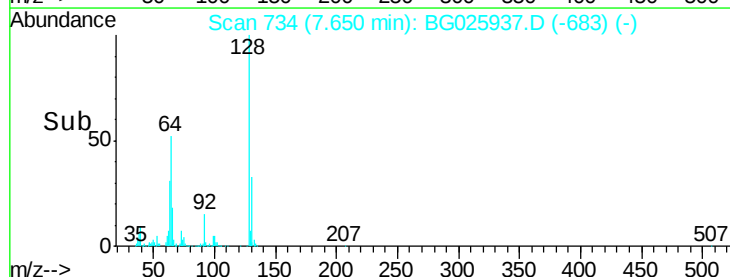
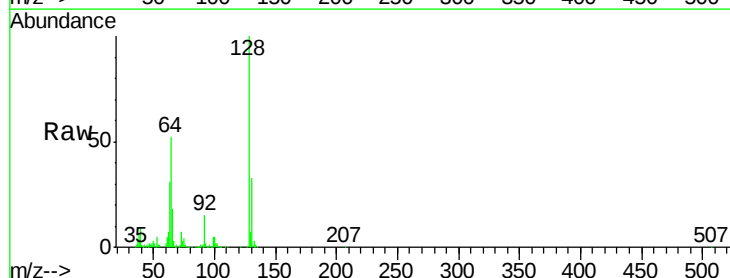
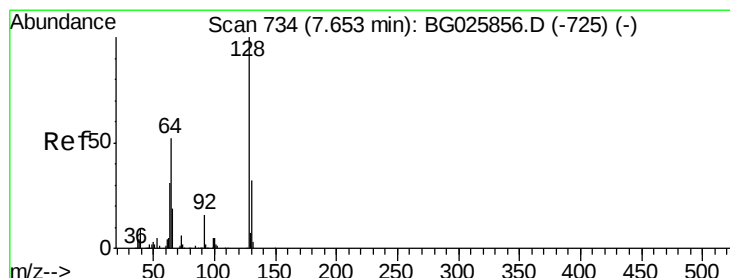
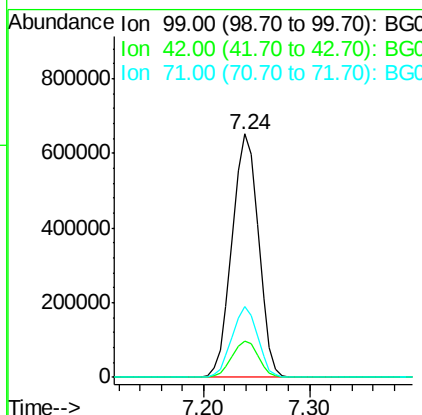
PB97155BSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 46.10 ng

RT: 7.65 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

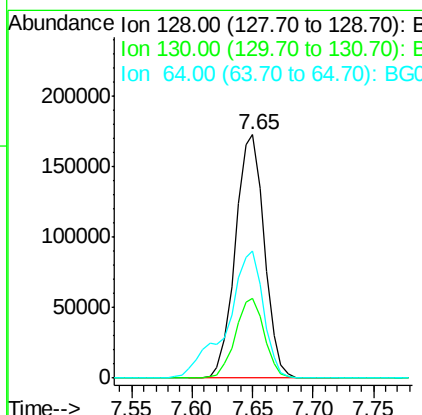
Tgt Ion: 128 Resp: 288152

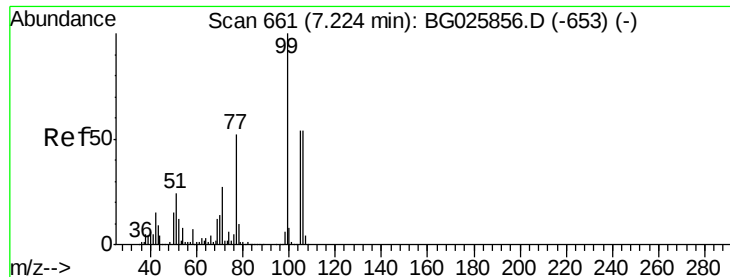
Ion Ratio Lower Upper

128 100

130 33.0 11.4 51.4

64 52.1 46.6 86.6





#9

Benzaldehyde

Concen: 21.56 ng

RT: 7.22 min Scan# 660

Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

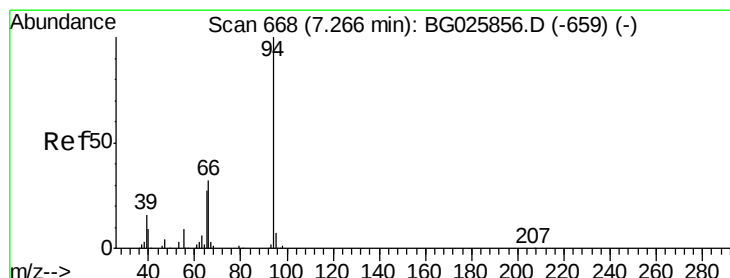
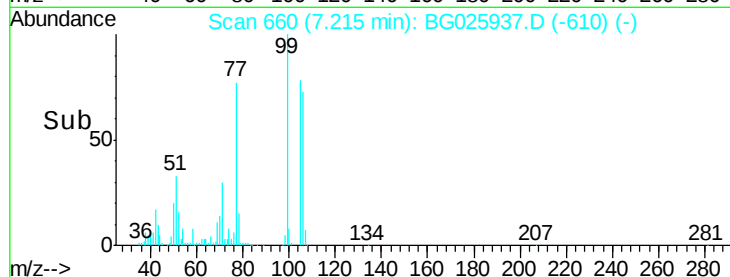
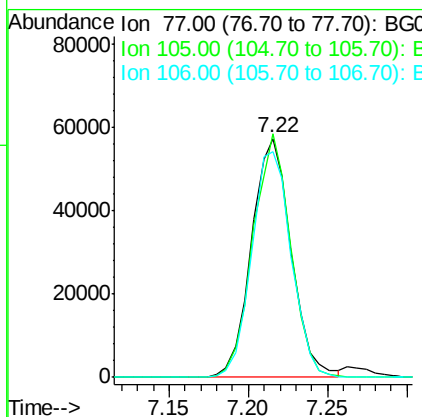
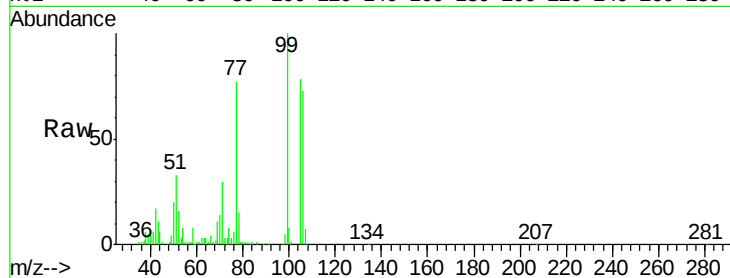
ClientSampleId :

PB97155BSD

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 77      | 100   |       |        |
| 105     | 102.0 | 60.9  | 100.9# |
| 106     | 94.6  | 55.1  | 95.1   |

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#10

Phenol

Concen: 46.34 ng

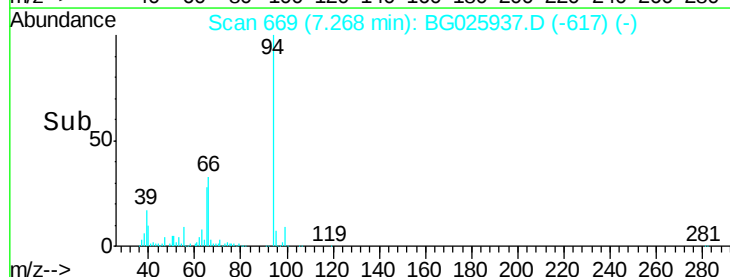
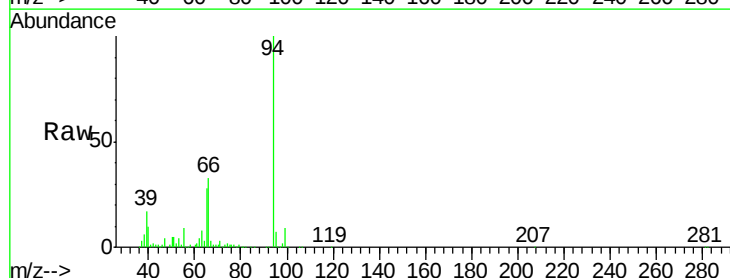
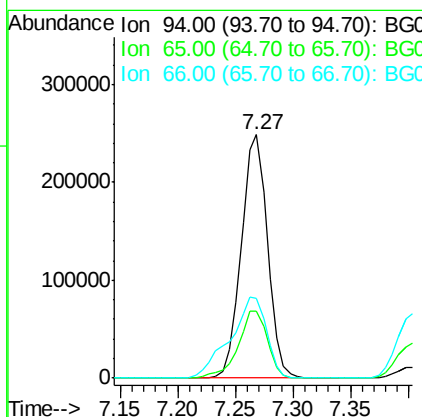
RT: 7.27 min Scan# 669

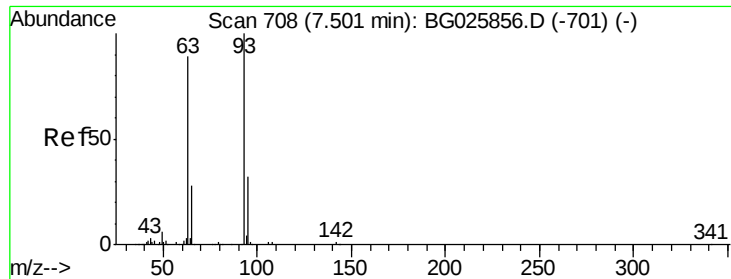
Delta R.T. 0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 27.6  | 20.6  | 60.6  |
| 66      | 32.9  | 35.5  | 75.5# |





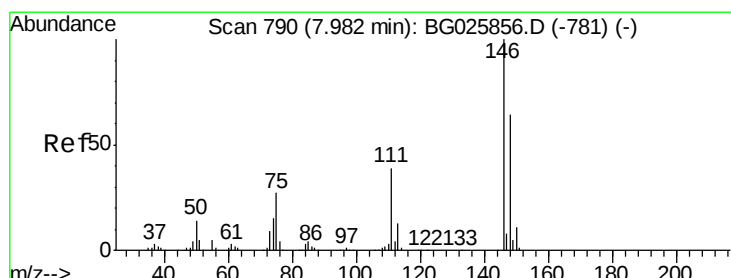
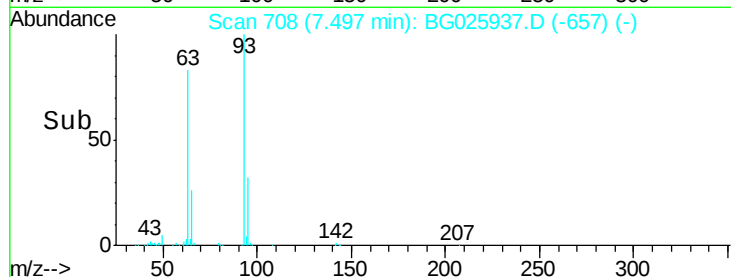
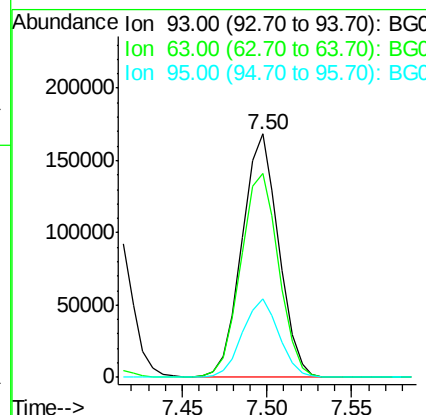
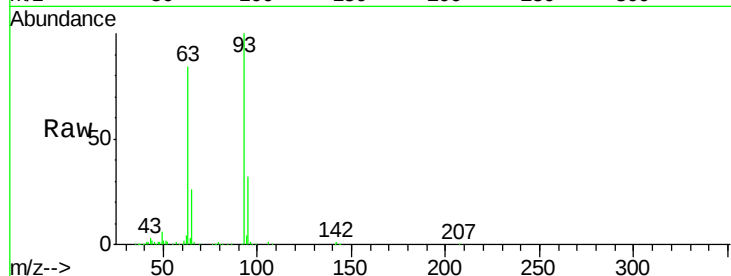
#11  
 bis(2-Chloroethyl)ether  
 Concen: 36.53 ng  
 RT: 7.50 min Scan# 708  
 Delta R.T. -0.00 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97155BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 253923 |       |       |
| 63      | 83.5  | 78.5   | 118.5 |       |
| 95      | 32.3  | 9.8    | 49.8  |       |

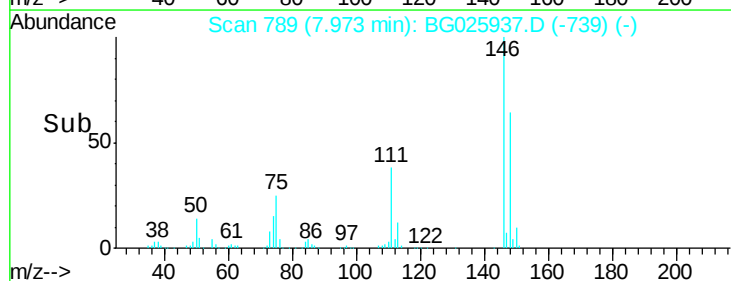
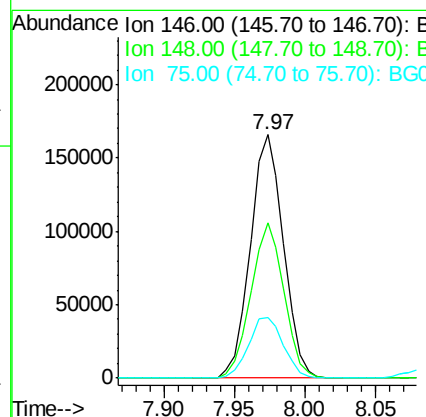
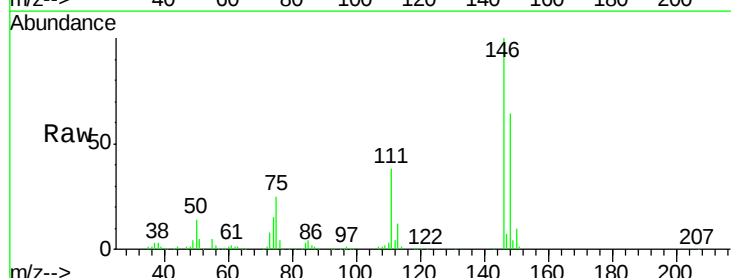
Manual Integrations  
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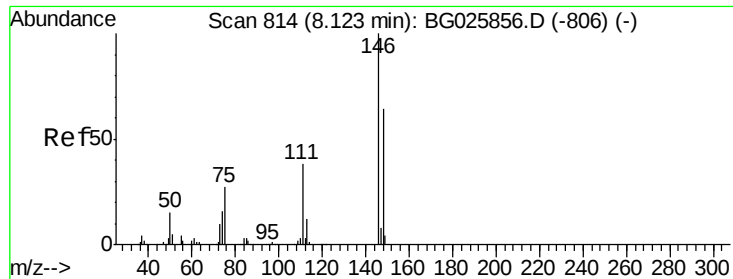
mohammad  
 2/27/2017 1:06:55 PM



#12  
 1,3-Dichlorobenzene  
 Concen: 37.65 ng  
 RT: 7.97 min Scan# 789  
 Delta R.T. -0.01 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 272047 |       |       |
| 148     | 63.6  | 49.2   | 73.8  |       |
| 75      | 24.9  | 33.4   | 50.2  |       |





#13

1,4-Dichlorobenzene

Concen: 37.96 ng

RT: 8.12 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

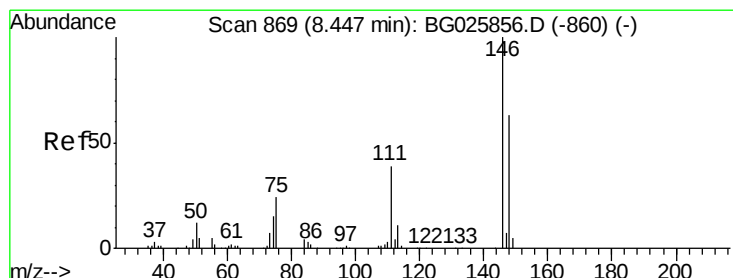
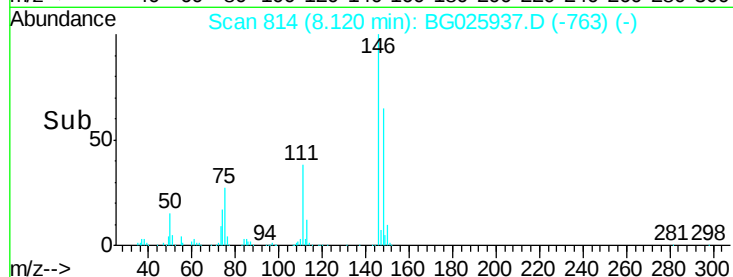
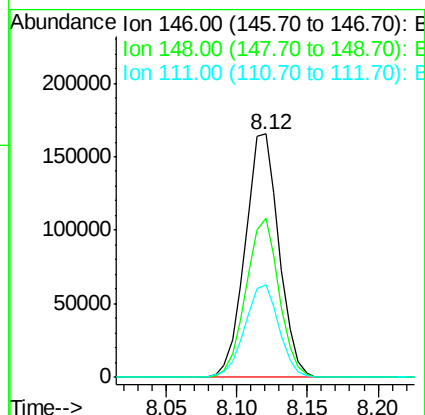
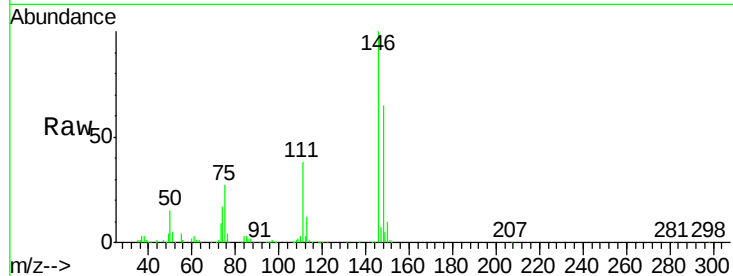
ClientSampleId :

PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.4  | 52.2  | 78.2  |
| 111     | 38.1  | 37.0  | 55.6  |

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#14

1,2-Dichlorobenzene

Concen: 37.00 ng

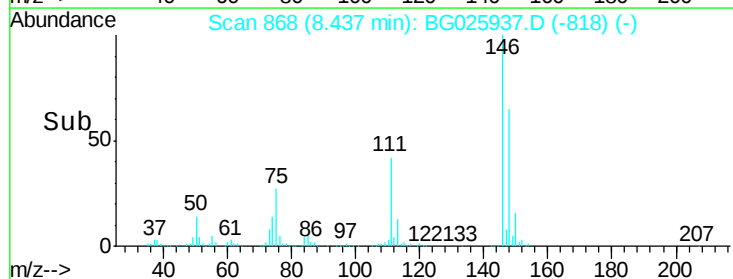
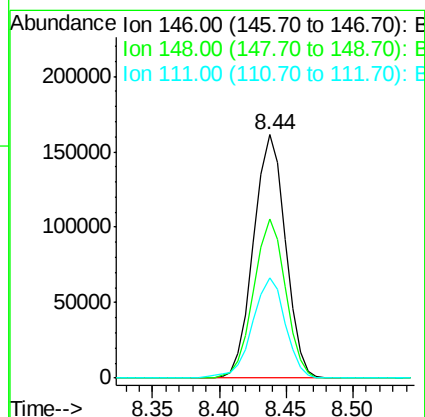
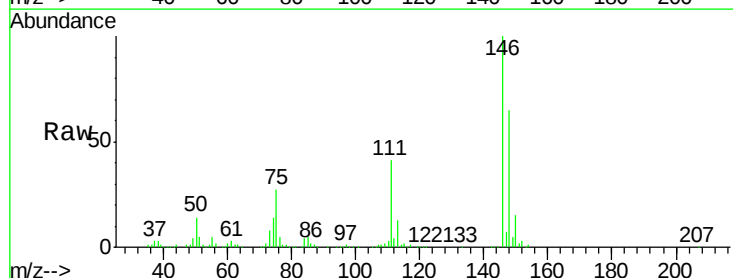
RT: 8.44 min Scan# 868

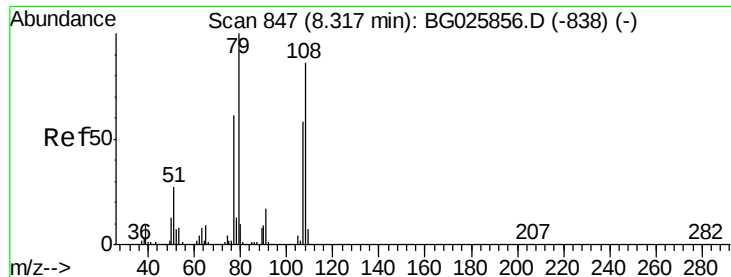
Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 54.6  | 81.8  |
| 111     | 41.0  | 39.7  | 59.5  |





#15

Benzyl Alcohol

Concen: 46.89 ng

RT: 8.31 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

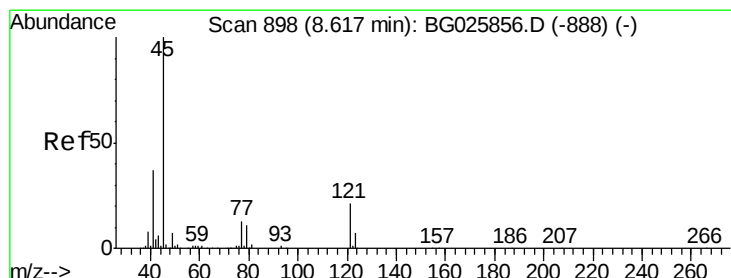
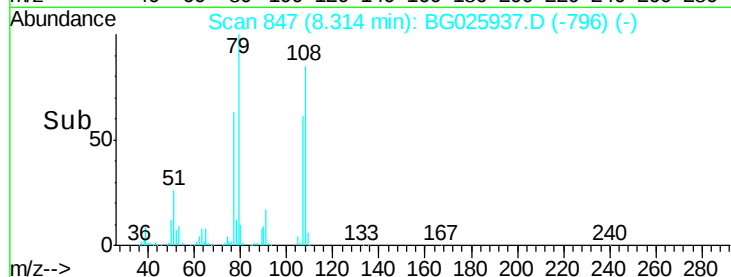
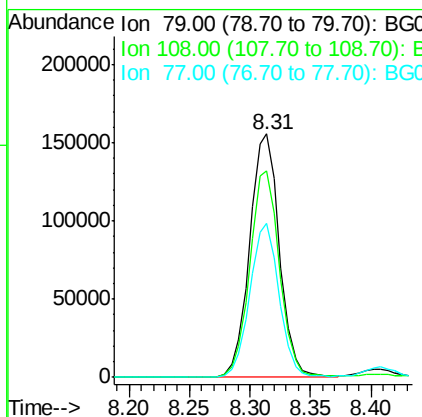
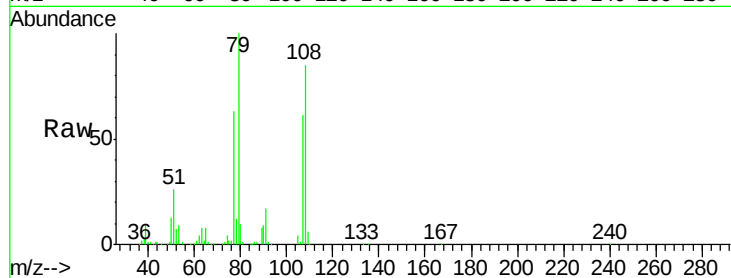
ClientSampleId :

PB97155BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 267217 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 84.7  | 45.5  | 68.3#  |
| 77        | 63.1  | 54.3  | 81.5   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.05 ng

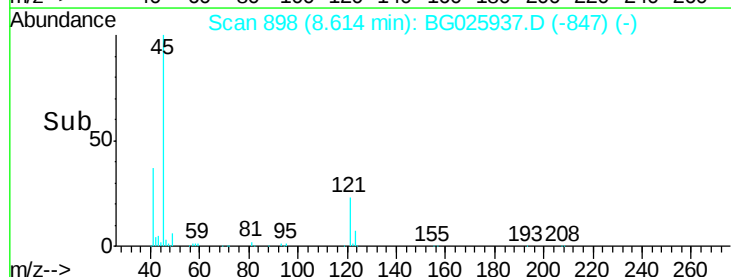
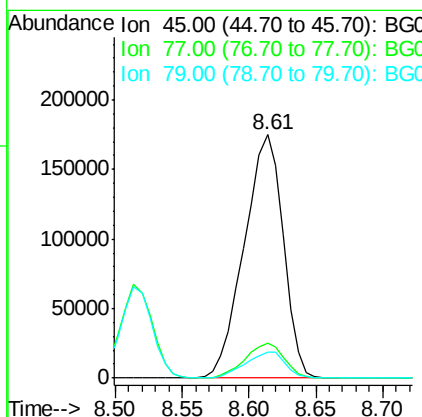
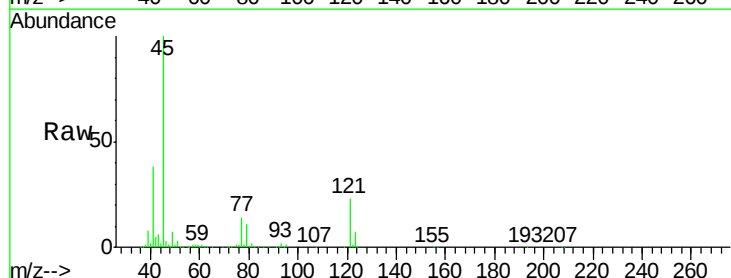
RT: 8.61 min Scan# 898

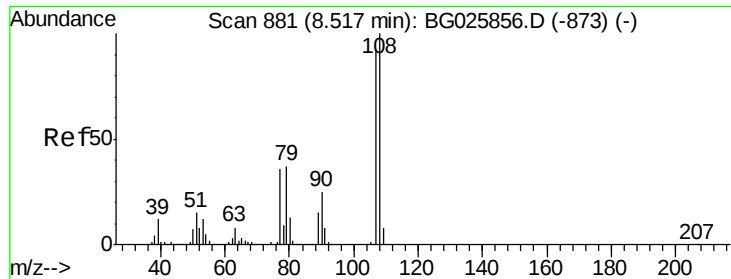
Delta R.T. -0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 353568 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.2  | 0.0   | 30.6   |
| 79        | 10.7  | 0.0   | 28.5   |





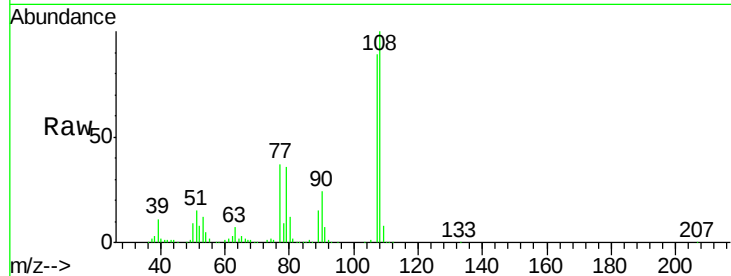
#17  
2-Methylphenol  
Concen: 45.57 ng  
RT: 8.51 min Scan# 881  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 277624 |       |       |
| 108     | 113.0 | 85.6   | 128.4 |       |
| 77      | 41.8  | 51.4   | 77.2# |       |
| 79      | 40.7  | 49.2   | 73.8# |       |

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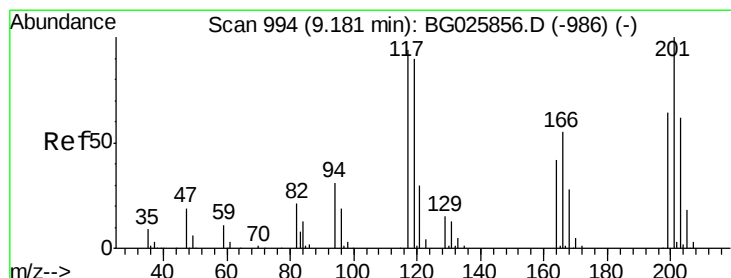
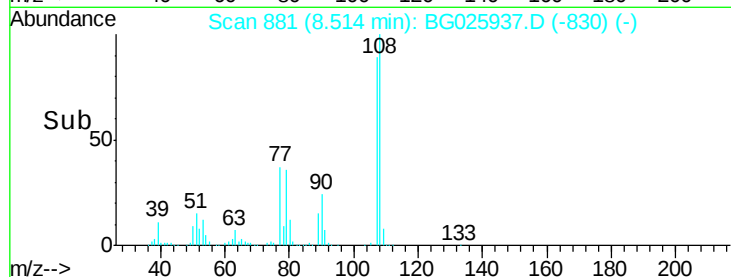
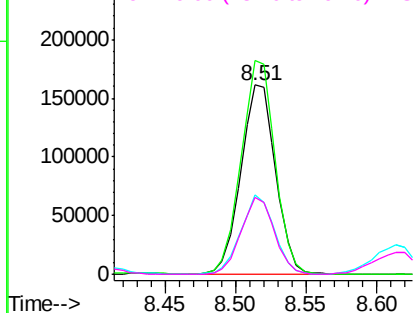
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 37.66 ng  
RT: 9.17 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

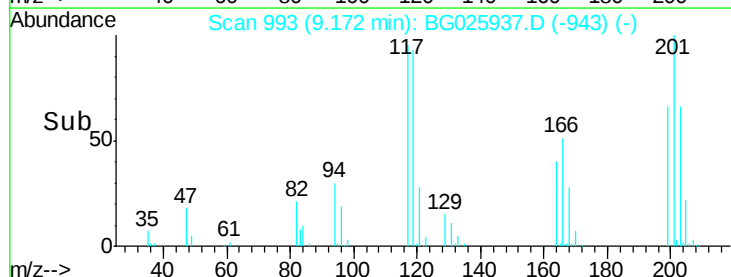
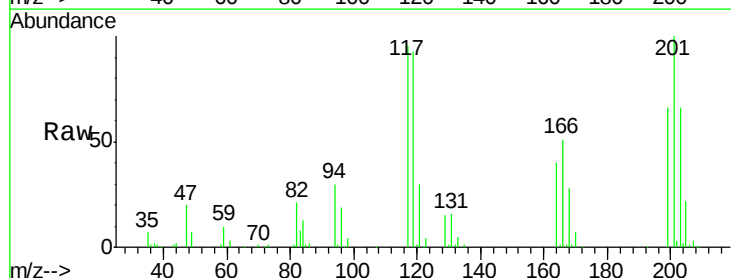
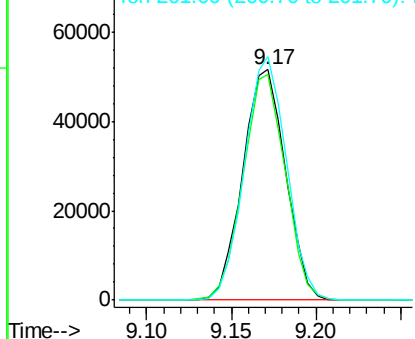
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 91352 |       |       |
| 119     | 98.1  | 69.8  | 104.6 |       |
| 201     | 105.5 | 95.4  | 143.0 |       |

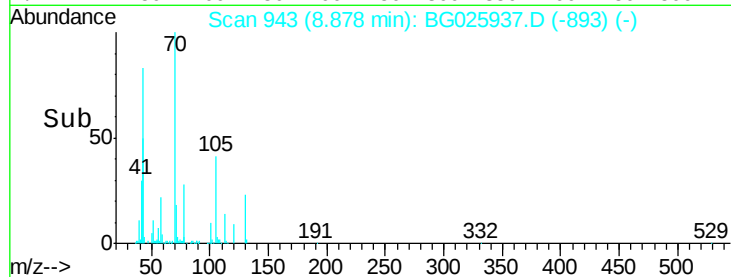
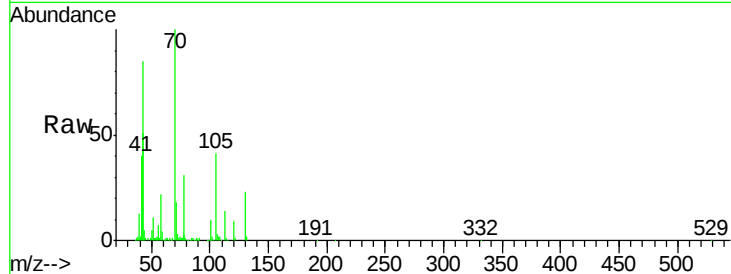
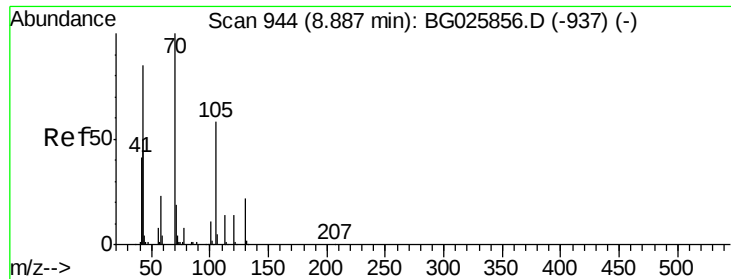
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





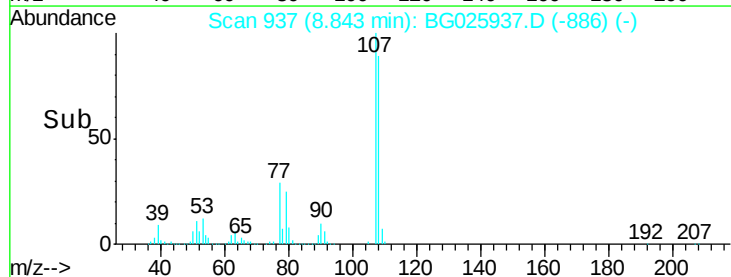
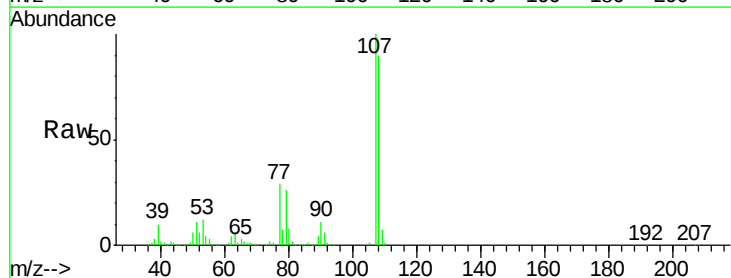
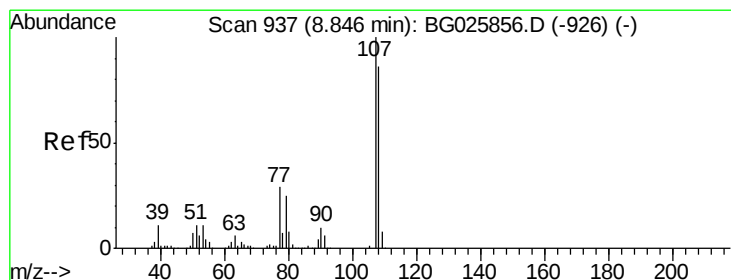
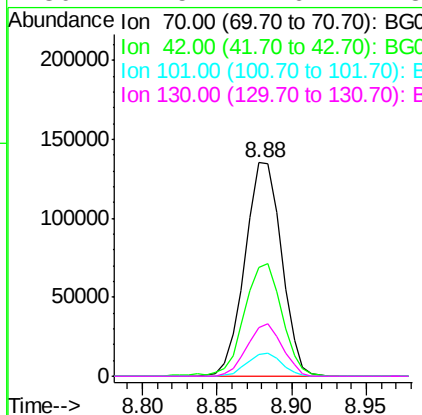
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.45 ng  
RT: 8.88 min Scan# 943  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 50.7  | 56.1  | 84.1# |
| 101     | 10.2  | 7.5   | 11.3  |
| 130     | 22.5  | 14.6  | 21.8# |

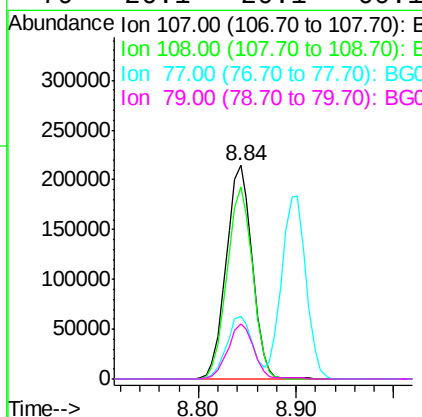
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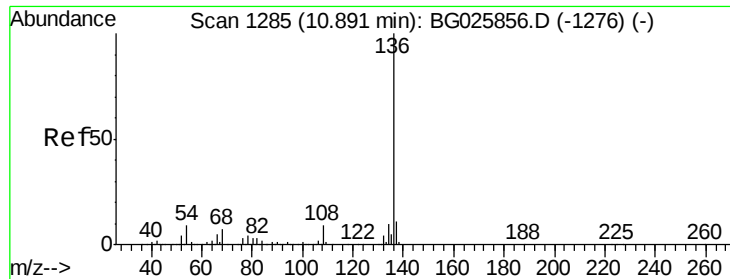
mohammad  
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#20  
3+4-Methylphenols  
Concen: 45.78 ng  
RT: 8.84 min Scan# 937  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.2  | 70.8  | 110.8 |
| 77      | 29.3  | 25.8  | 65.8  |
| 79      | 26.1  | 20.1  | 60.1  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

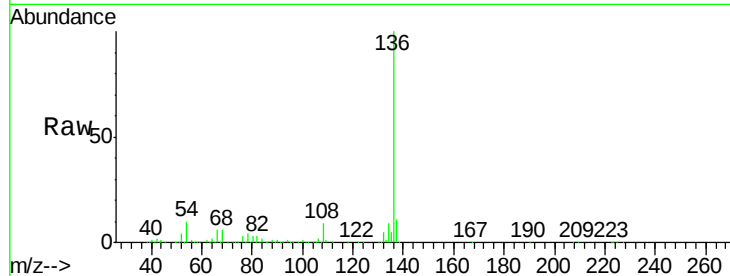
ClientSampleId :

PB97155BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 456366 |       |       |
| 137     | 11.0  | 8.9    | 13.3  |       |
| 54      | 9.7   | 9.3    | 13.9  |       |
| 68      | 6.4   | 5.1    | 7.7   |       |

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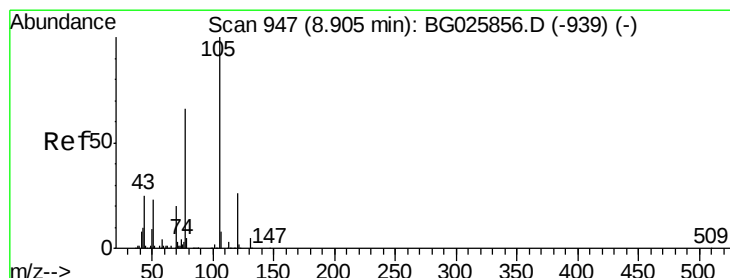
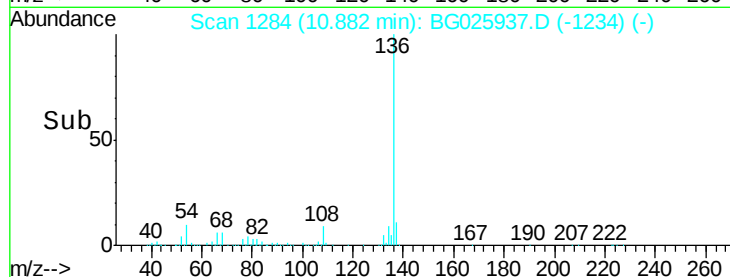
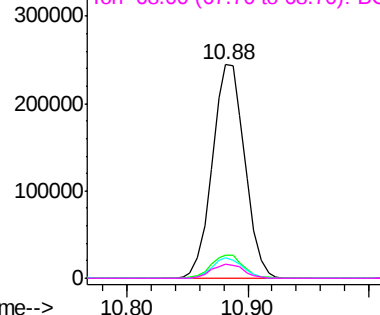


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.26 ng

RT: 8.90 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

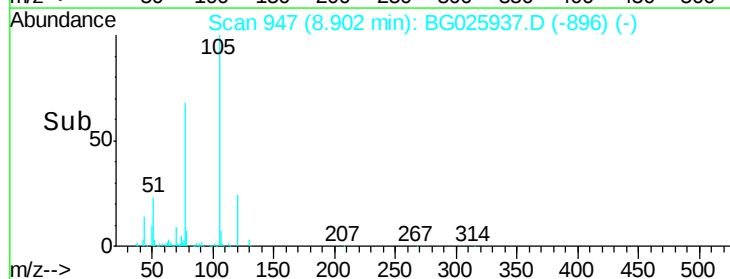
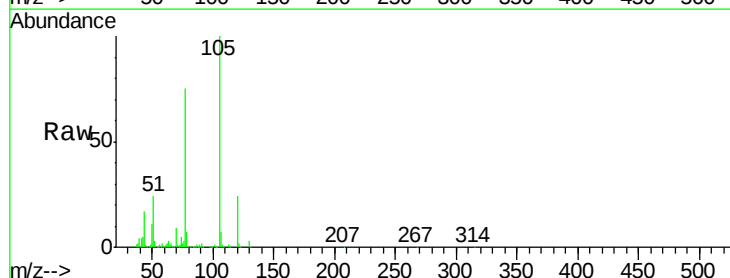
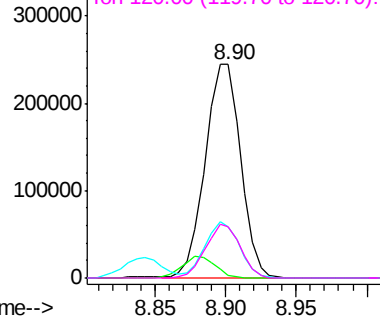
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 429985 |       |       |
| 71      | 1.3   | 0.9    | 1.3   |       |
| 51      | 24.2  | 34.0   | 51.0# |       |
| 120     | 24.0  | 17.3   | 25.9  |       |

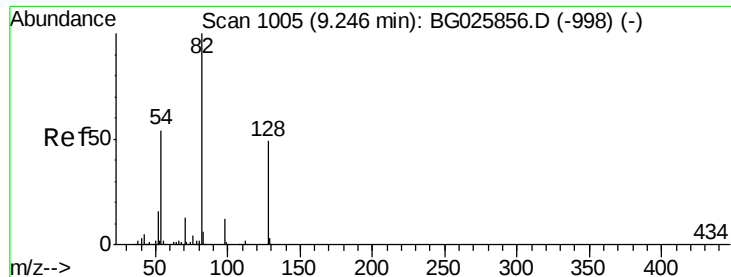
Abundance Ion 105.00 (104.70 to 105.70): E

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





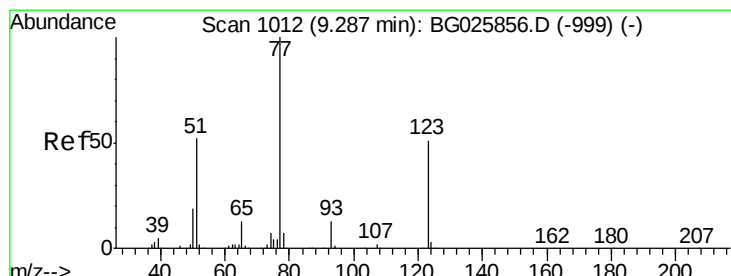
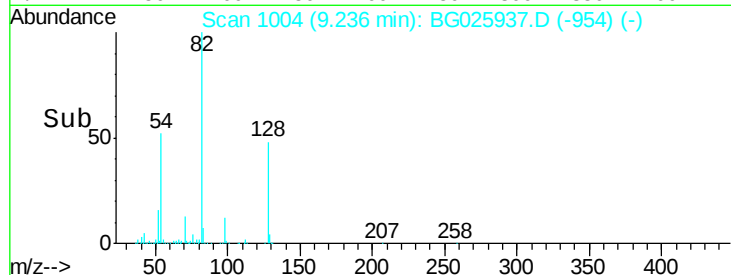
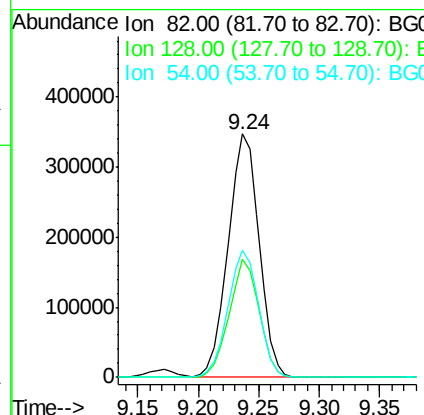
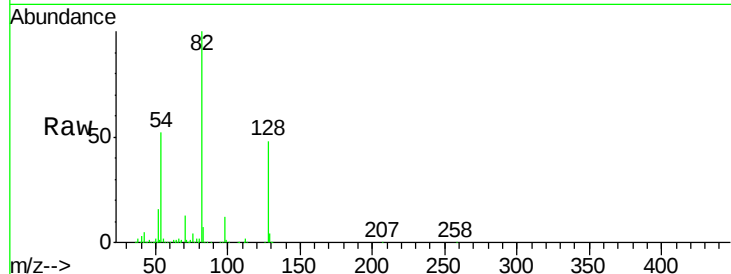
#23  
Nitrobenzene-d5  
Concen: 85.28 ng  
RT: 9.24 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 48.3  | 26.4  | 39.6# |
| 54      | 52.4  | 49.4  | 74.2  |

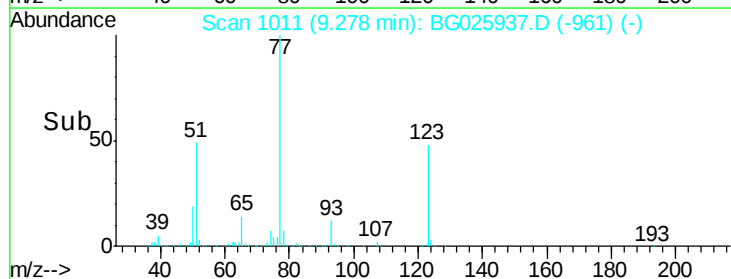
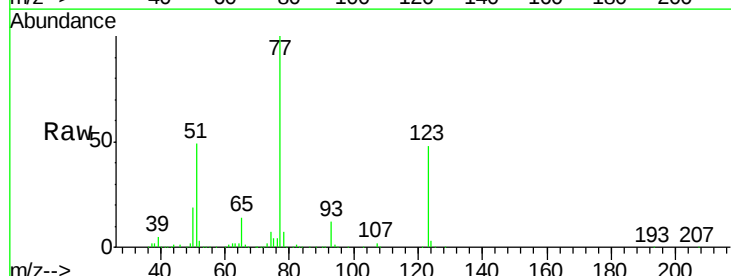
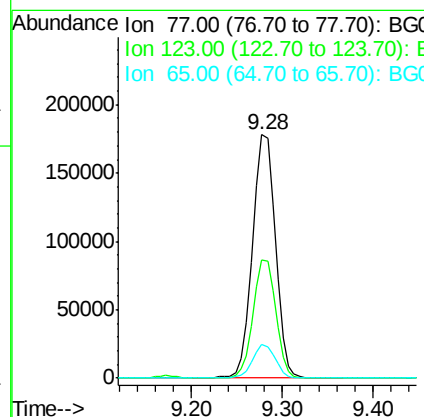
Manual Integrations  
APPROVED

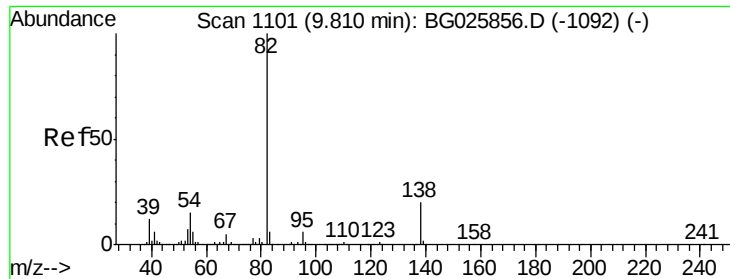
mohammad  
2/27/2017 1:06:55 PM



#24  
Nitrobenzene  
Concen: 39.92 ng  
RT: 9.28 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.3  | 26.1  | 39.1# |
| 65      | 13.9  | 12.4  | 18.6  |





#25

Isophorone

Concen: 41.70 ng

RT: 9.81 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

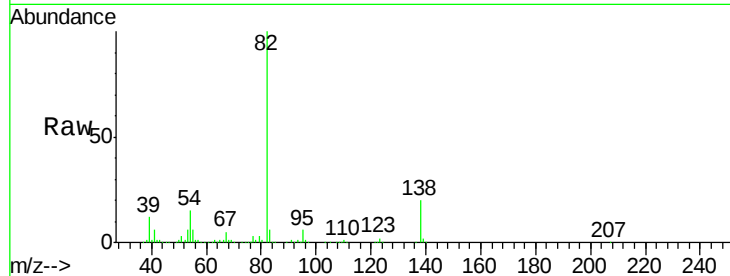
ClientSampleId :

PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 6.4   | 7.5   | 11.3# |
| 138     | 20.1  | 12.3  | 18.5# |

Manual Integrations  
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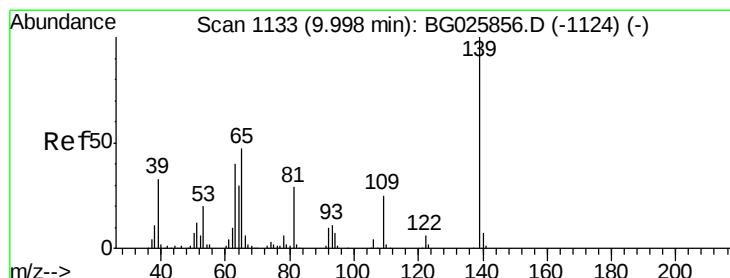
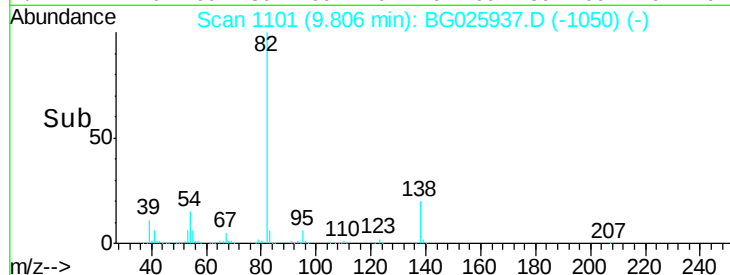
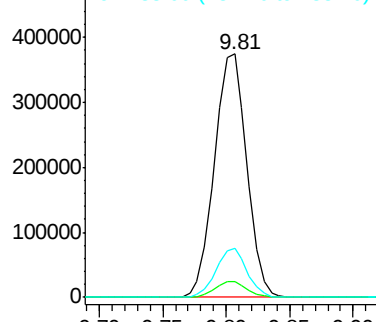


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 45.63 ng

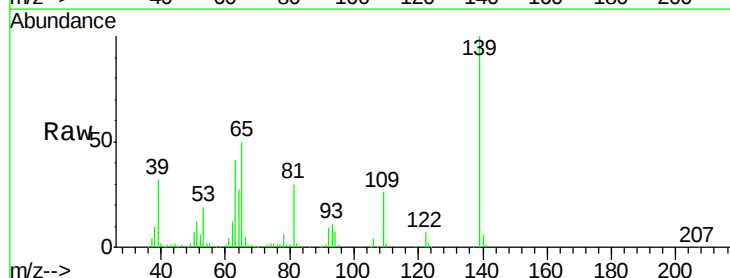
RT: 9.99 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 26.4  | 38.6  | 58.0# |
| 65      | 49.5  | 57.1  | 85.7# |

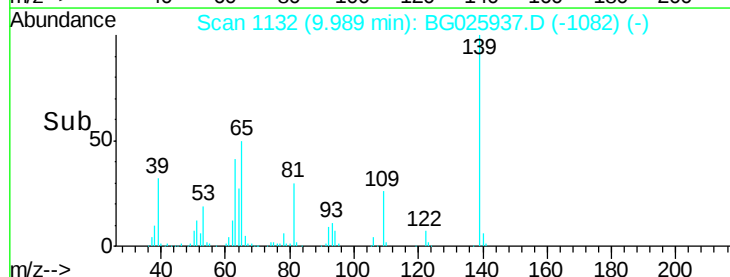
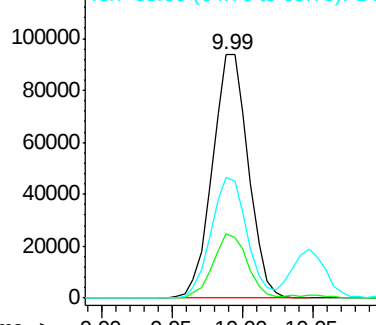


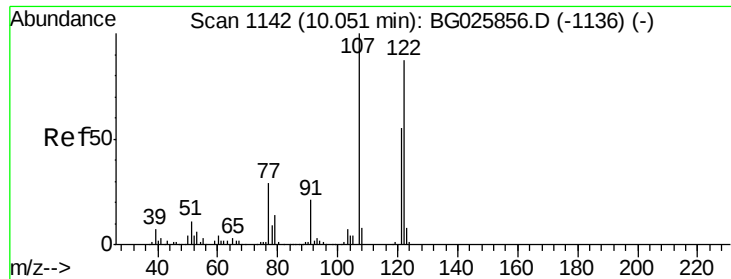
Abundance

Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





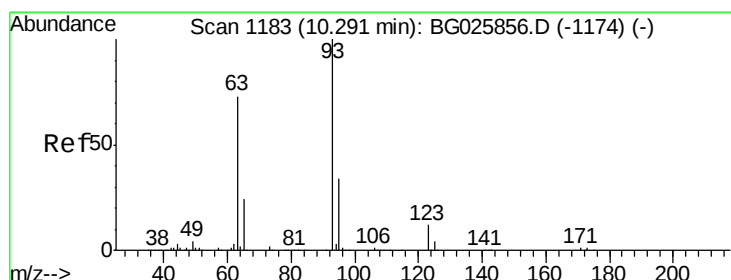
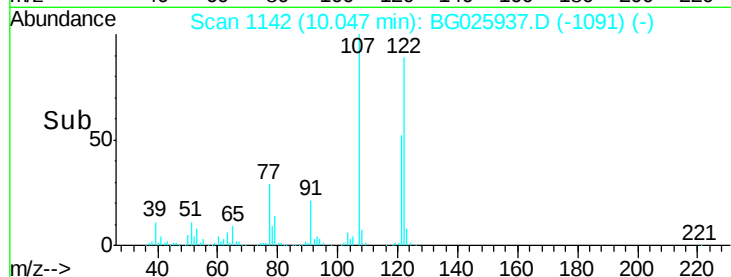
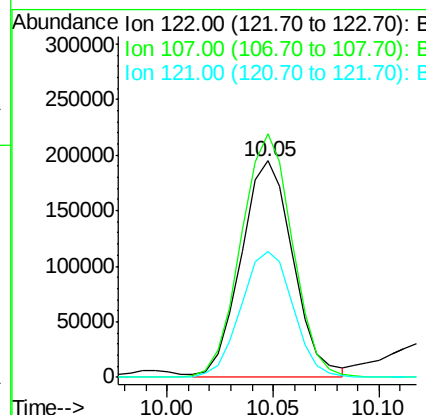
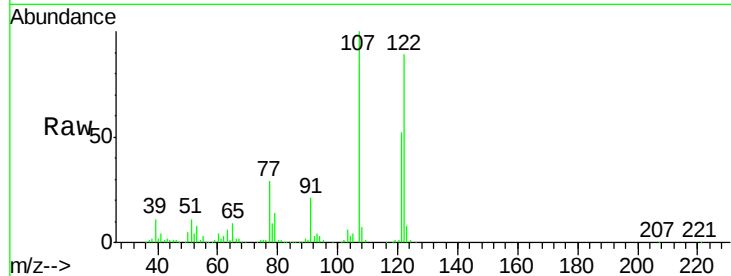
#27  
 2,4-Dimethylphenol  
 Concen: 48.55 ng  
 RT: 10.05 min Scan# 1142  
 Delta R.T. -0.00 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 112.4 | 104.2 | 156.4 |
| 121     | 58.3  | 46.0  | 69.0  |

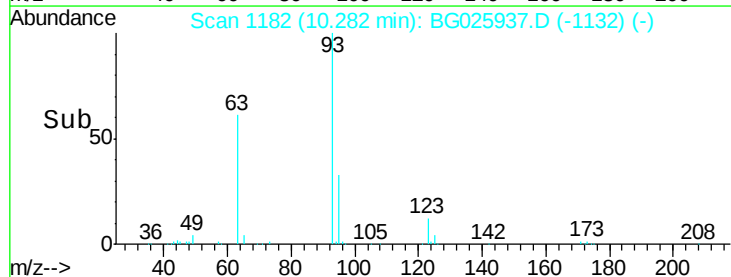
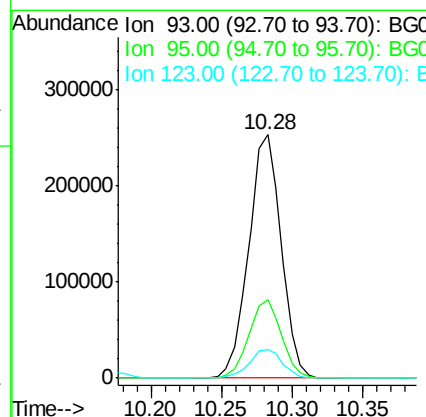
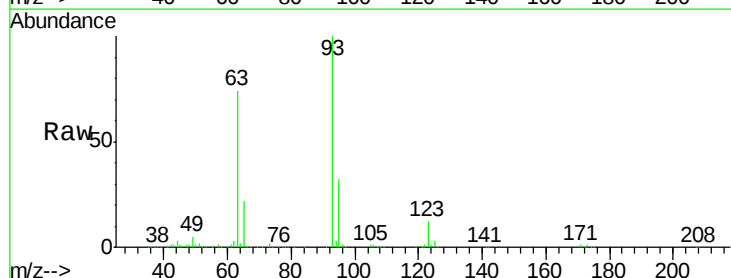
Manual Integrations  
 APPROVED

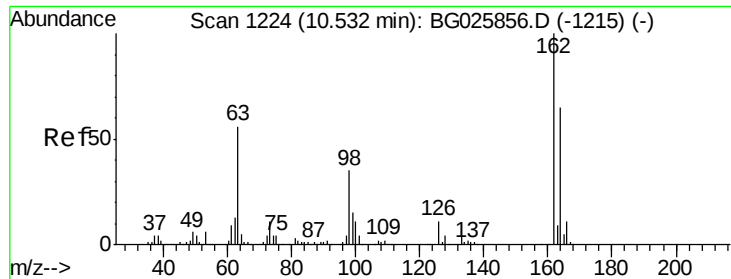
mohammad  
 2/27/2017 1:06:55 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.45 ng  
 RT: 10.28 min Scan# 1182  
 Delta R.T. -0.01 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.3  | 25.7  | 38.5  |
| 123     | 11.9  | 8.3   | 12.5  |





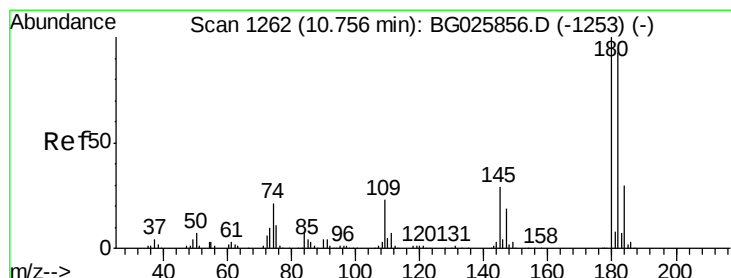
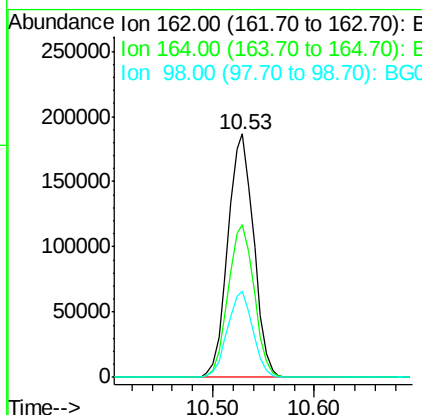
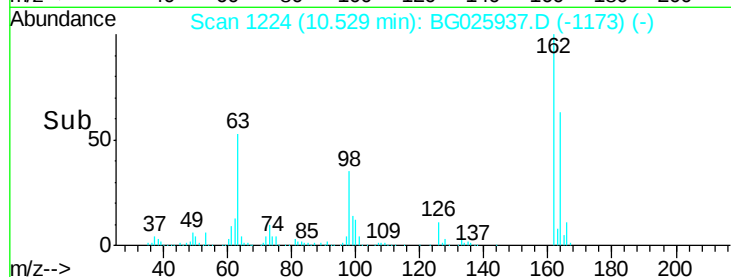
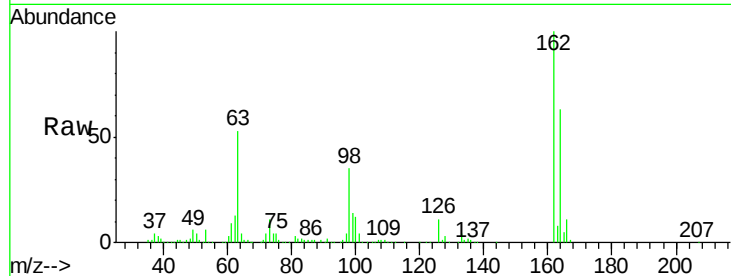
#29  
2,4-Dichlorophenol  
Concen: 50.52 ng  
RT: 10.53 min Scan# 1224  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 329117 |       |       |
| 164     | 63.0  | 42.4   | 82.4  |       |
| 98      | 35.1  | 20.3   | 60.3  |       |

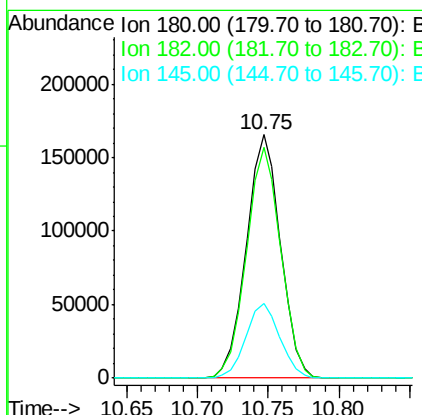
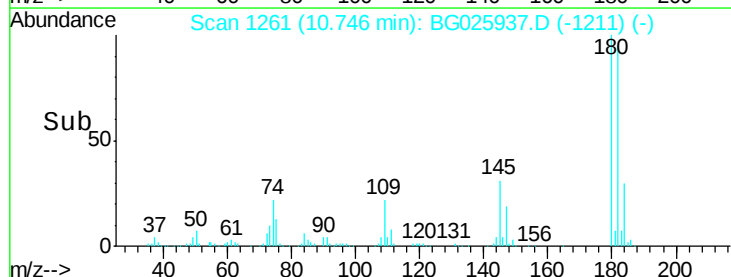
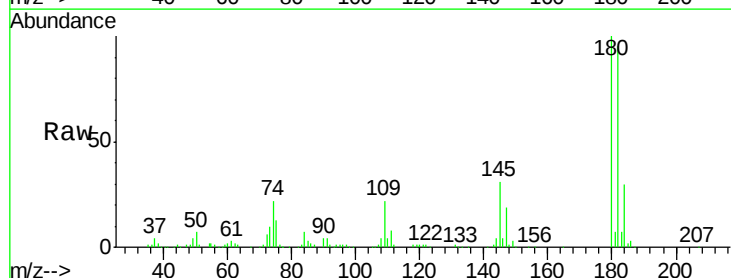
Manual Integrations  
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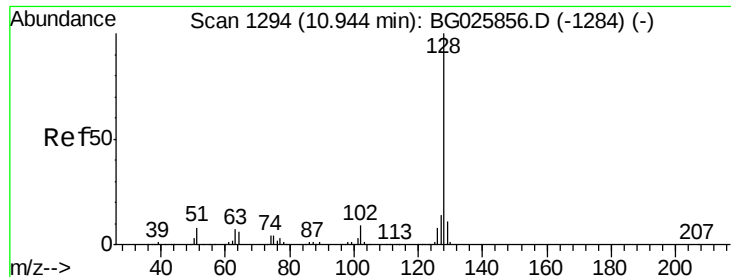
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2/27/2017 1:06:55 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 39.68 ng  
RT: 10.75 min Scan# 1261  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 281139 |       |       |
| 182     | 95.1  | 77.0   | 115.4 |       |
| 145     | 30.6  | 23.4   | 35.0  |       |





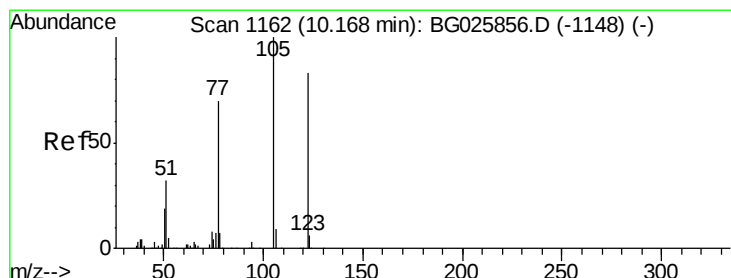
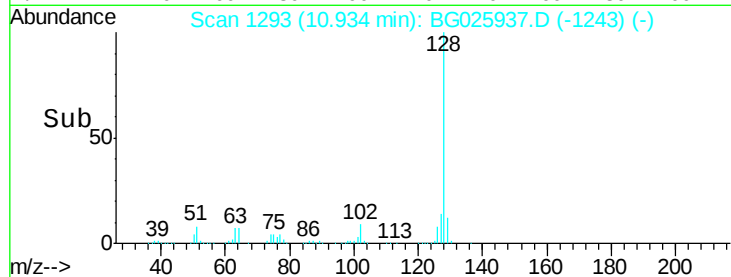
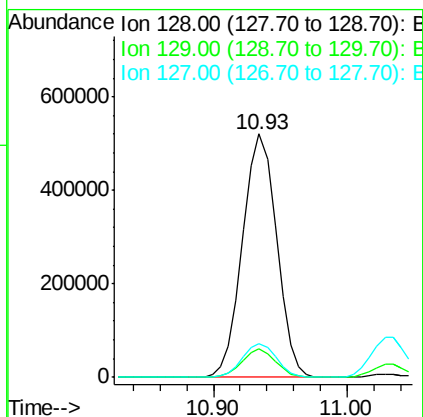
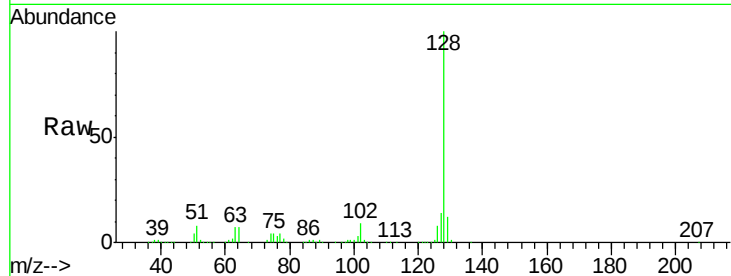
#31  
Naphthalene  
Concen: 39.03 ng  
RT: 10.93 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 9.3   | 13.9  |
| 127     | 13.9  | 11.4  | 17.0  |

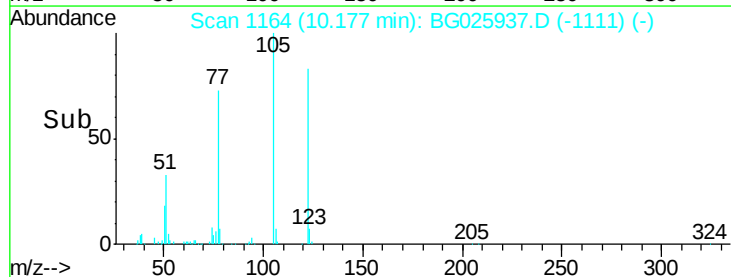
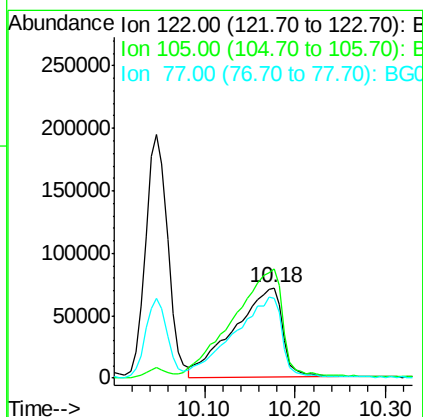
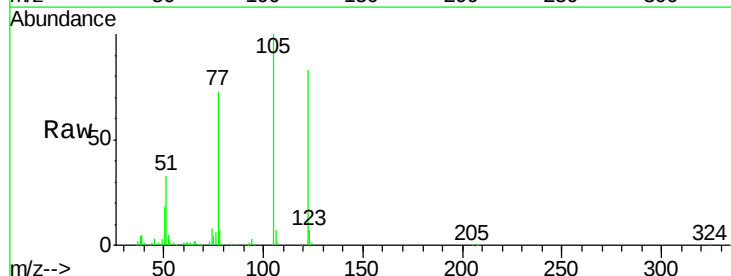
Manual Integrations  
APPROVED

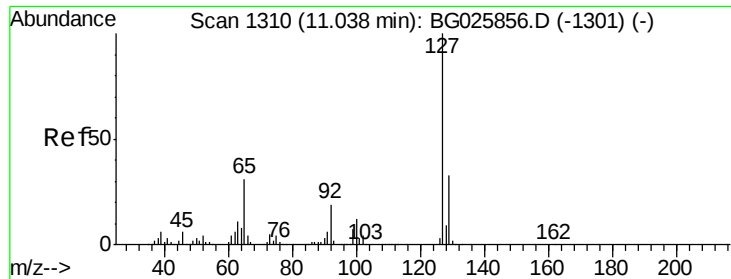
mohammad  
2/27/2017 1:06:55 PM



#32  
Benzoic acid  
Concen: 51.11 ng  
RT: 10.18 min Scan# 1164  
Delta R.T. 0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 121.0 | 120.1 | 160.1  |
| 77      | 88.0  | 104.6 | 144.6# |





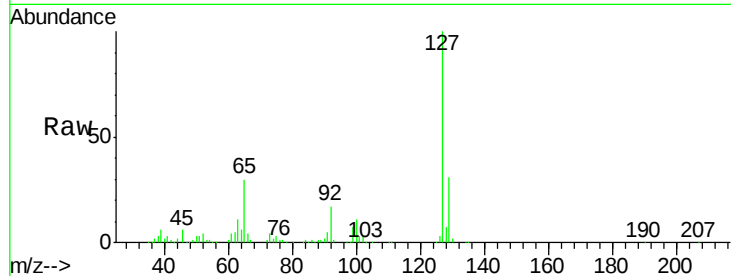
#33  
4-Chloroaniline  
Concen: 15.35 ng  
RT: 11.03 min Scan# 1310  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

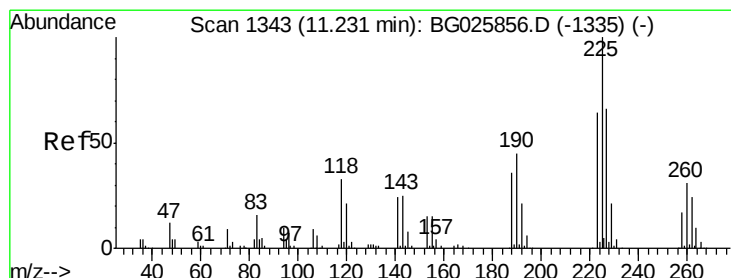
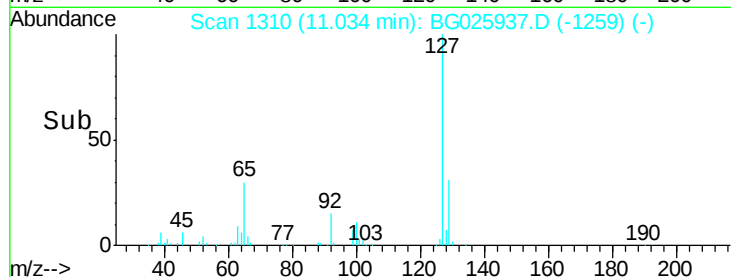
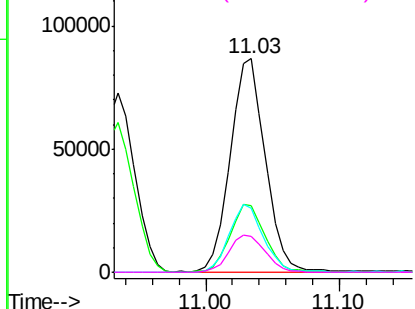
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 157351 |       |       |
| 129     | 31.1  | 23.6   | 35.4  |       |
| 65      | 30.1  | 37.7   | 56.5  |       |
| 92      | 16.8  | 17.6   | 26.4  |       |

Manual Integrations  
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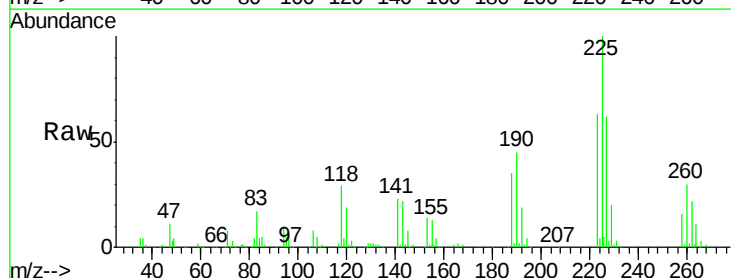


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

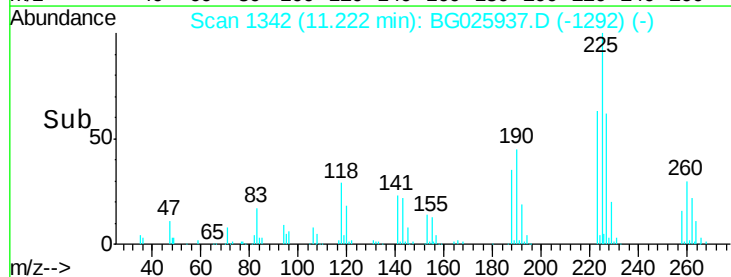
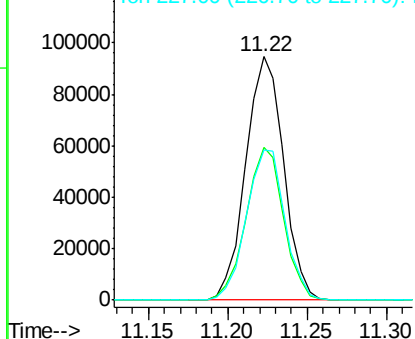


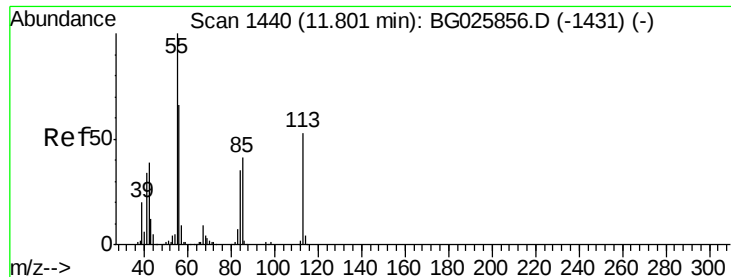
#34  
Hexachlorobutadiene  
Concen: 38.94 ng  
RT: 11.22 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 156965 |       |       |
| 223     | 62.6  | 50.7   | 76.1  |       |
| 227     | 61.8  | 49.0   | 73.6  |       |



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





#35

Caprolactam

Concen: 56.61 ng m

RT: 11.80 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

ClientSampleId :

PB97155BSD

Tgt Ion:113 Resp: 148927  
Ion Ratio Lower Upper

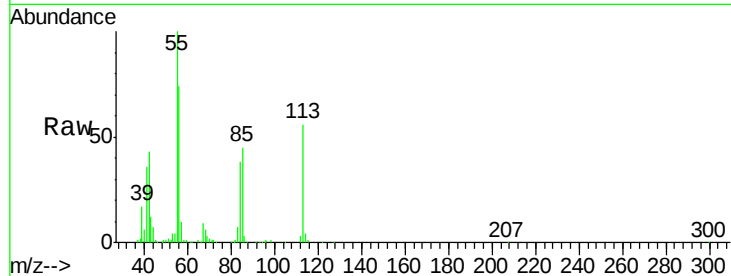
113 100

55 178.5 198.6 238.6#

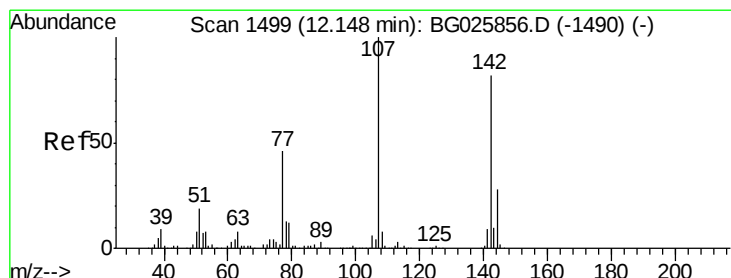
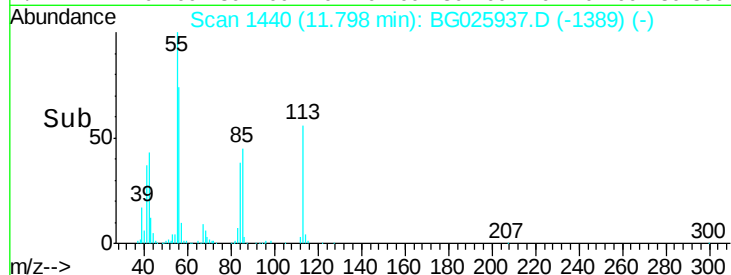
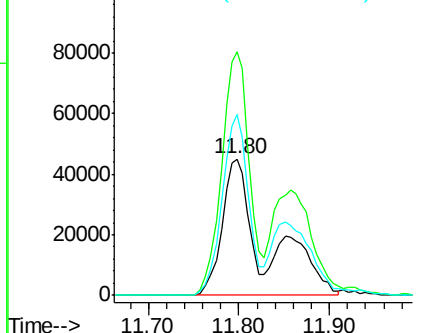
56 132.6 140.4 180.4#

Manual Integrations  
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Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BGO  
Ion 56.00 (55.70 to 56.70): BGO



#36

4-Chloro-3-methylphenol

Concen: 50.55 ng

RT: 12.14 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BG025937.D

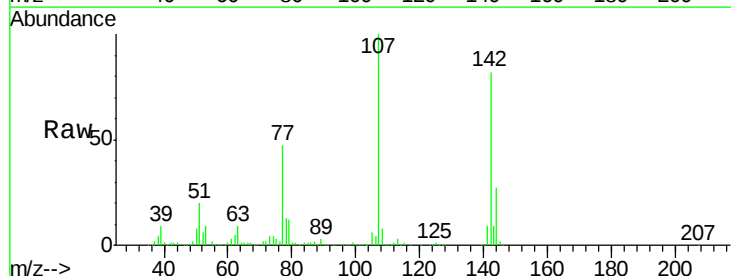
Acq: 24 Feb 2017 18:19

Tgt Ion:107 Resp: 394004  
Ion Ratio Lower Upper

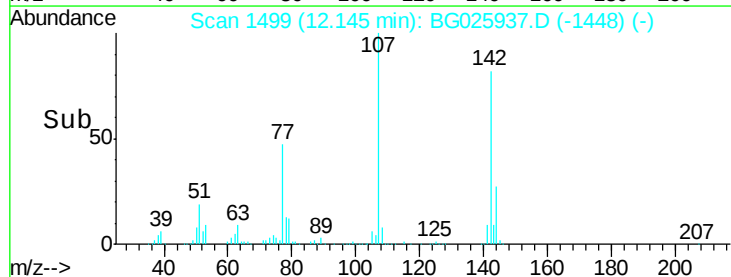
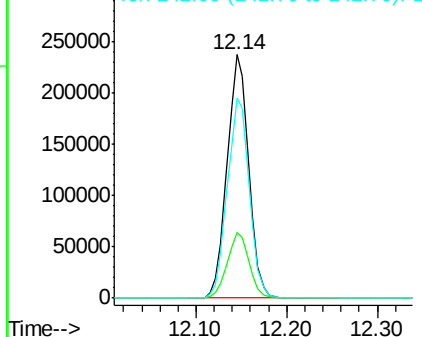
107 100

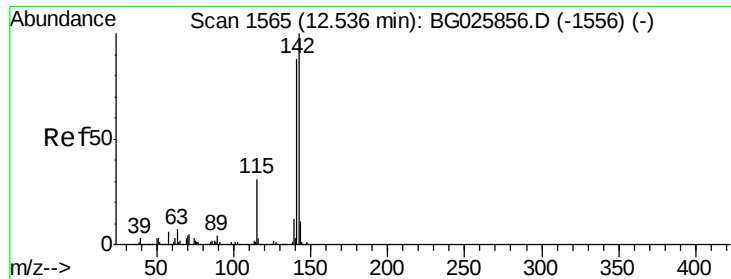
144 27.1 17.4 26.0#

142 82.2 54.1 81.1#



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E





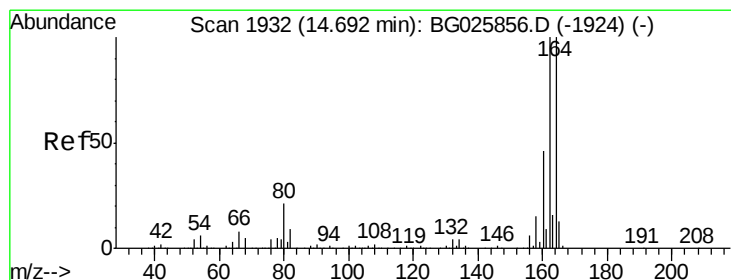
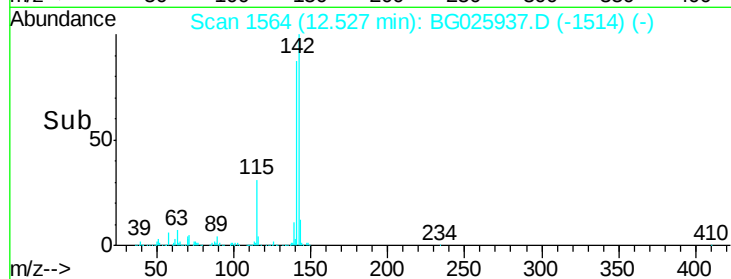
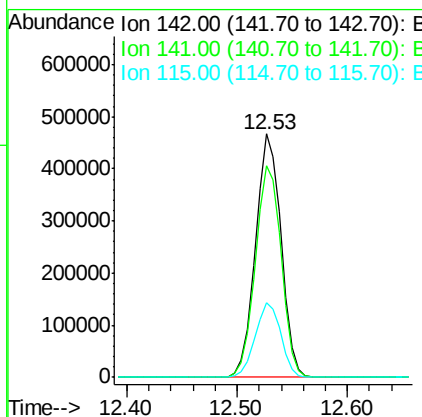
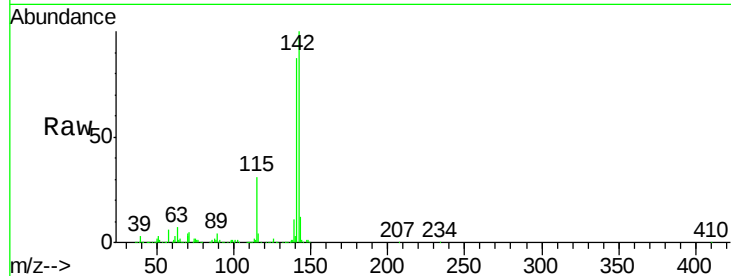
#37  
2-Methylnaphthalene  
Concen: 42.21 ng  
RT: 12.53 min Scan# 1564  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.8  | 70.4  | 105.6 |
| 115     | 30.5  | 35.5  | 53.3  |

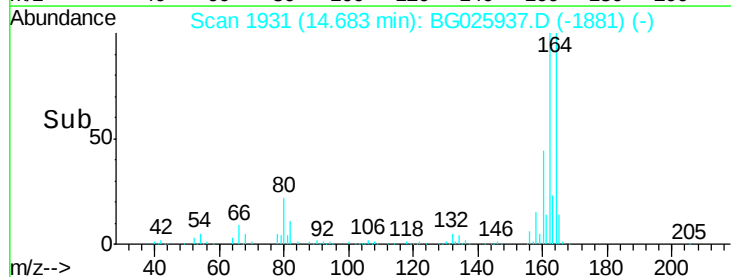
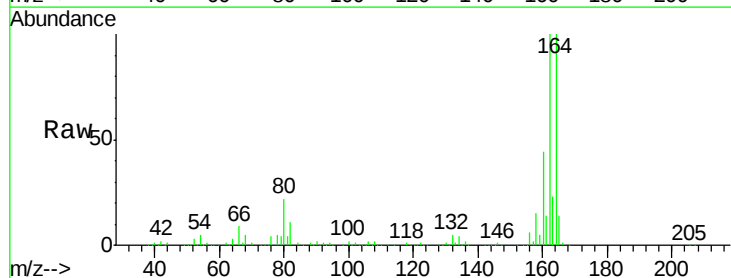
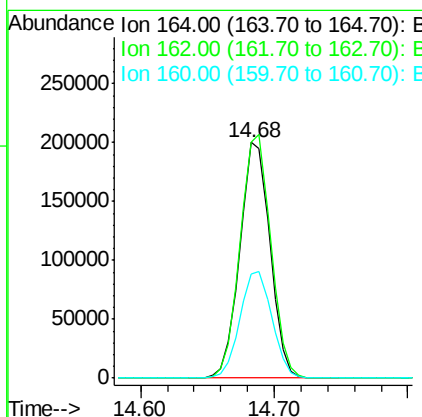
Manual Integrations  
APPROVED

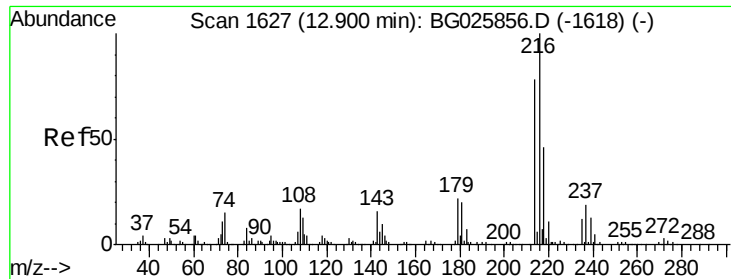
mohammad  
2/27/2017 1:06:55 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.68 min Scan# 1931  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.9  | 85.1  | 127.7 |
| 160     | 44.1  | 34.7  | 52.1  |





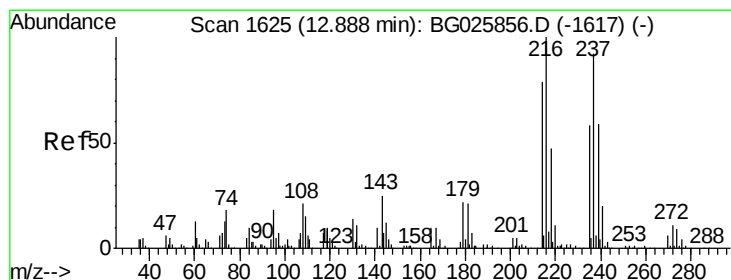
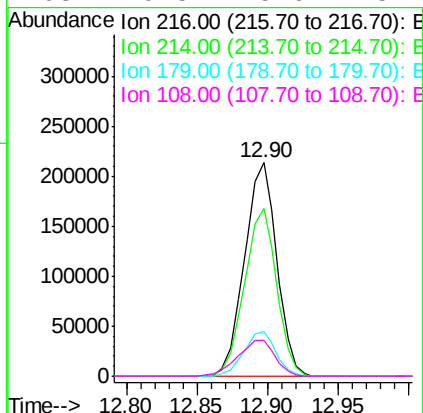
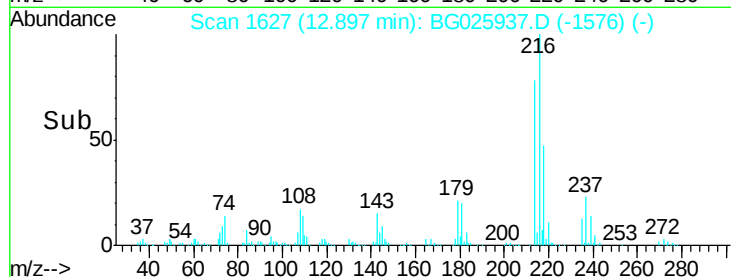
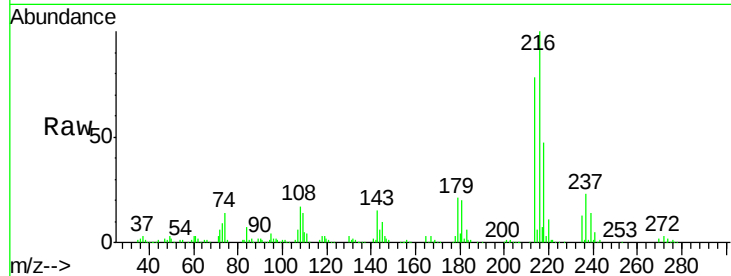
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.63 ng  
 RT: 12.90 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.1  | 64.4  | 96.6  |
| 179     | 20.7  | 17.4  | 26.0  |
| 108     | 19.5  | 15.6  | 23.4  |

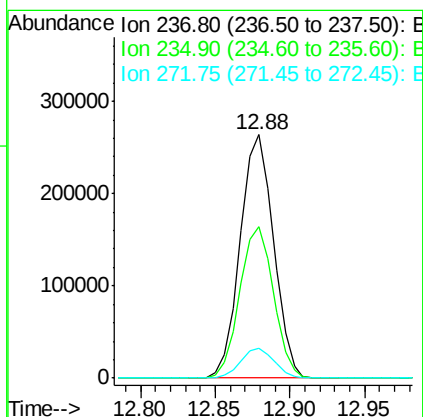
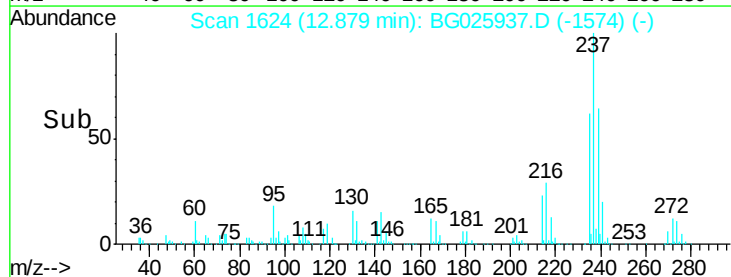
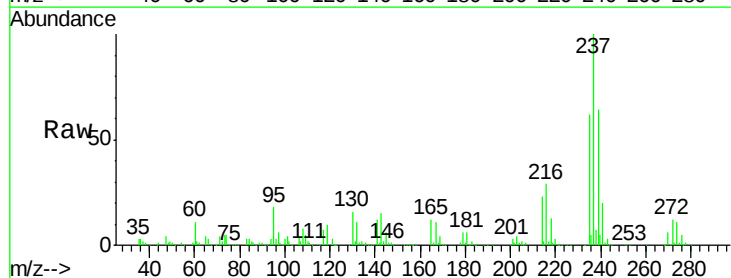
Manual Integrations  
 APPROVED

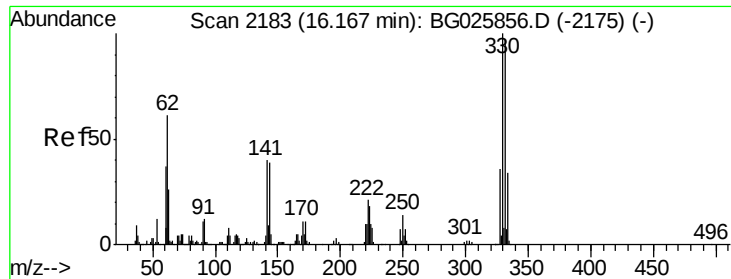
mohammad  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 95.39 ng  
 RT: 12.88 min Scan# 1624  
 Delta R.T. -0.01 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.2  | 39.4  | 79.4  |
| 272     | 12.1  | 0.0   | 32.0  |





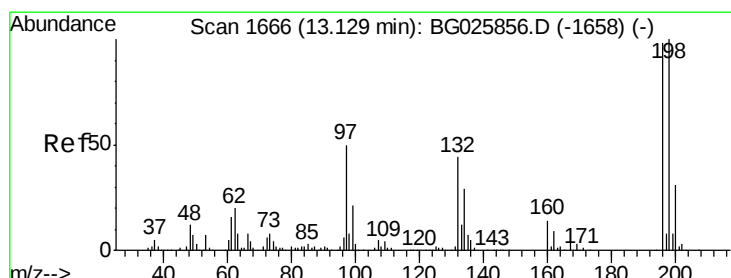
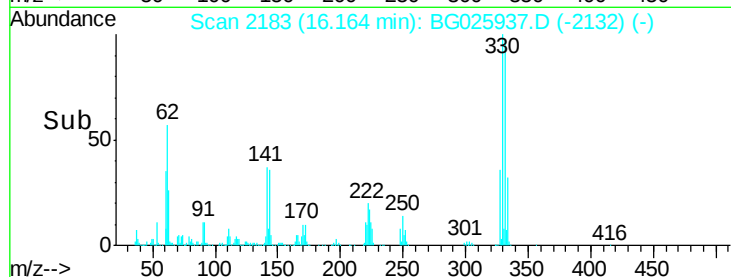
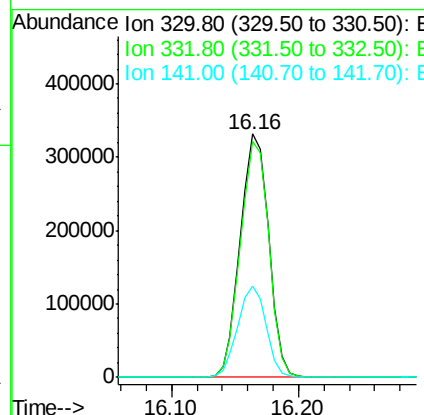
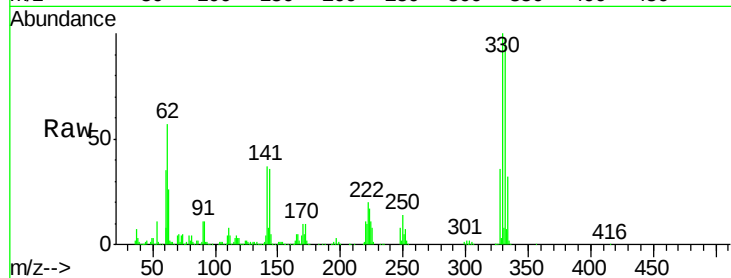
#41  
 2,4,6-Tribromophenol  
 Concen: 178.32 ng  
 RT: 16.16 min Scan# 2183  
 Delta R.T. -0.00 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97155BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 515138 |       |       |
| 332     | 97.4  | 77.3   | 115.9 |       |
| 141     | 37.1  | 32.1   | 48.1  |       |

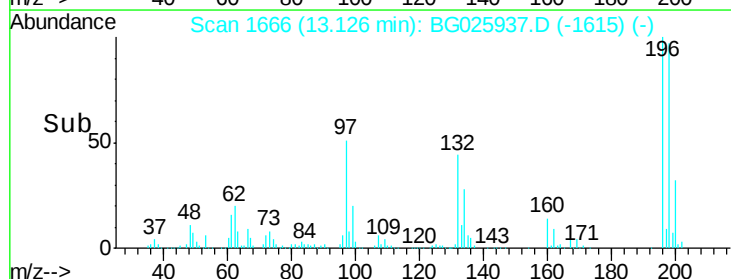
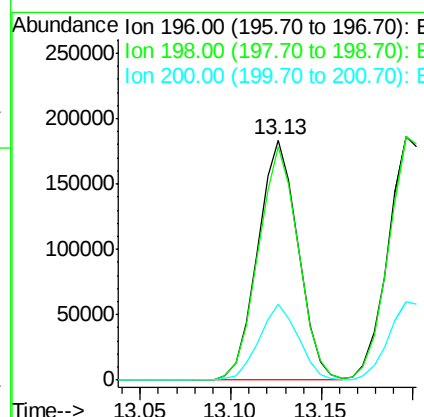
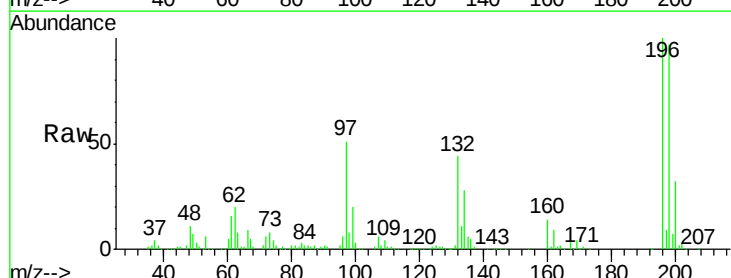
Manual Integrations  
 APPROVED

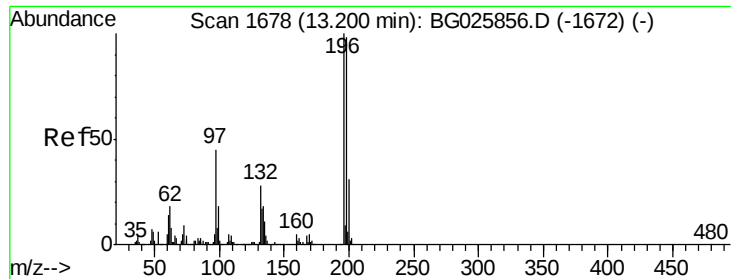
mohammad  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 55.85 ng  
 RT: 13.13 min Scan# 1666  
 Delta R.T. -0.00 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 282691 |       |       |
| 198     | 97.2  | 81.4   | 122.2 |       |
| 200     | 31.7  | 27.0   | 40.6  |       |





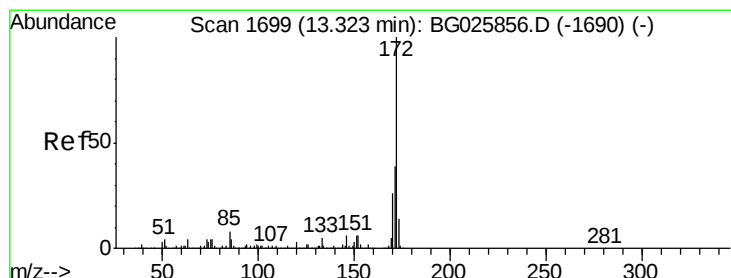
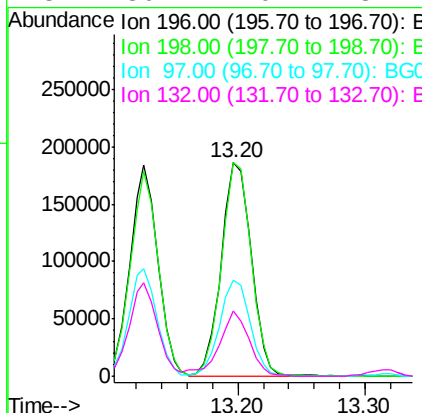
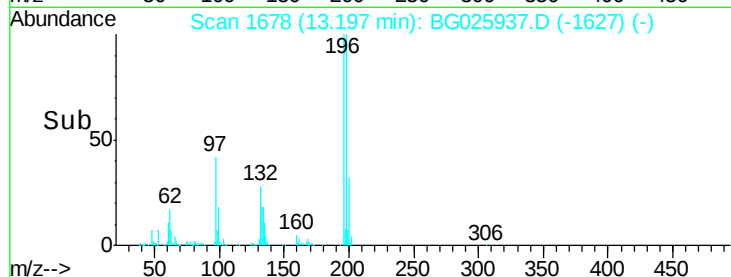
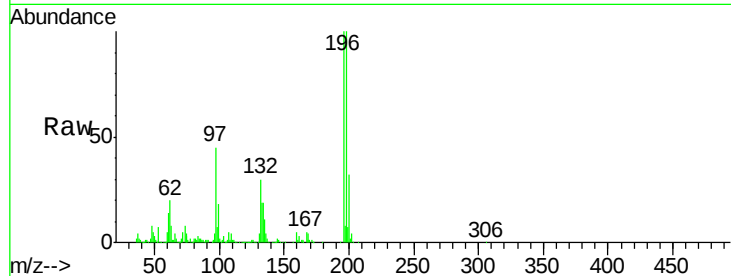
#43  
 2,4,5-Trichlorophenol  
 Concen: 53.09 ng  
 RT: 13.20 min Scan# 1678  
 Delta R.T. -0.00 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97155BSD

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 100.1 | 79.9 | 119.9 |       |
| 97      | 44.7  | 45.4 | 68.0  |       |
| 132     | 30.4  | 20.7 | 31.1  |       |

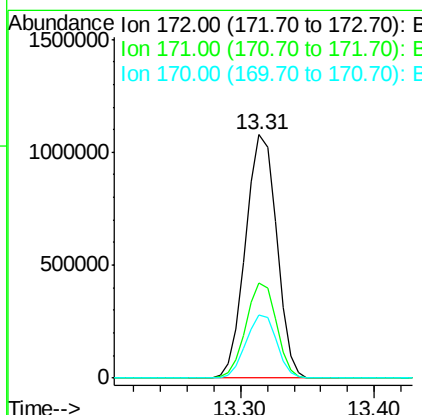
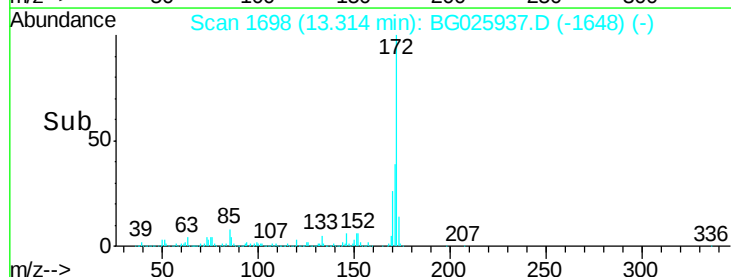
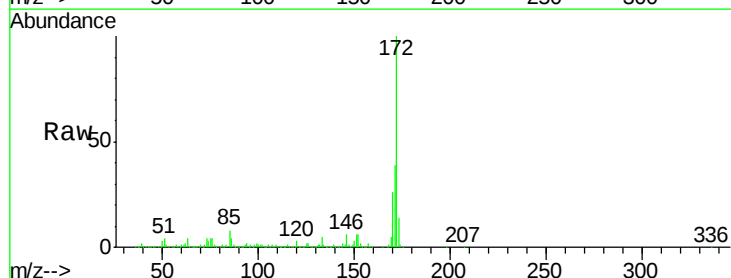
Manual Integrations  
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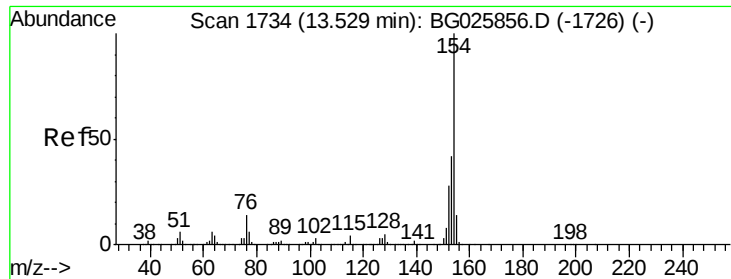
mohammad  
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#44  
 2-Fluorobiphenyl  
 Concen: 96.73 ng  
 RT: 13.31 min Scan# 1698  
 Delta R.T. -0.01 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 39.1  | 32.2 | 48.2  |       |
| 170     | 25.7  | 21.8 | 32.6  |       |





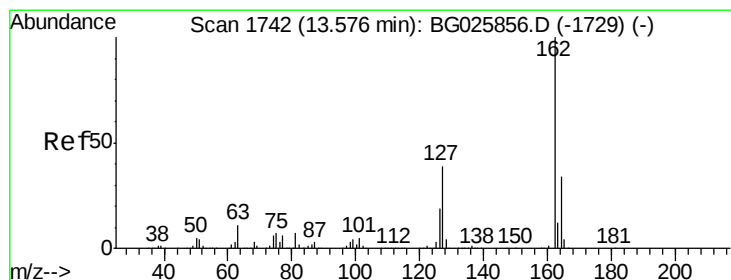
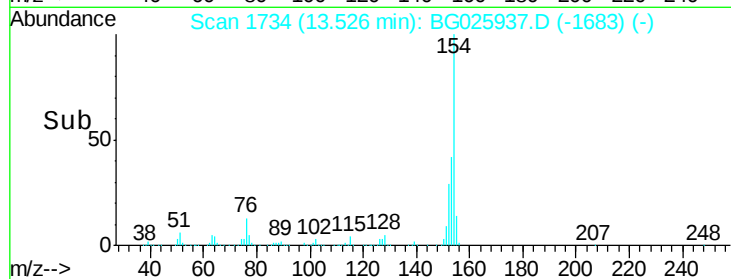
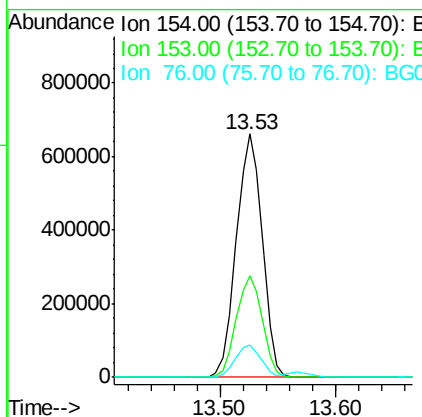
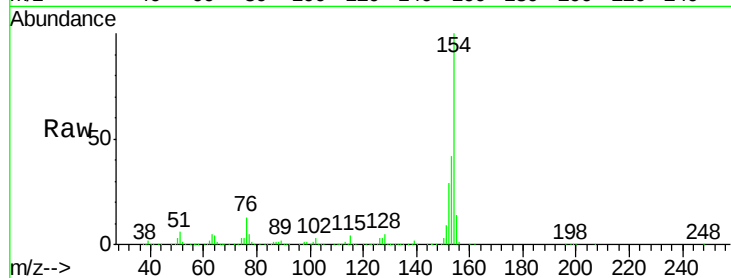
#45  
1,1'-Biphenyl  
Concen: 45.22 ng  
RT: 13.53 min Scan# 1734  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.8  | 23.0  | 63.0  |
| 76      | 13.4  | 0.0   | 33.5  |

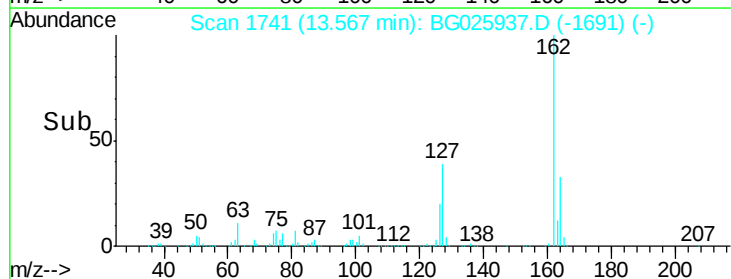
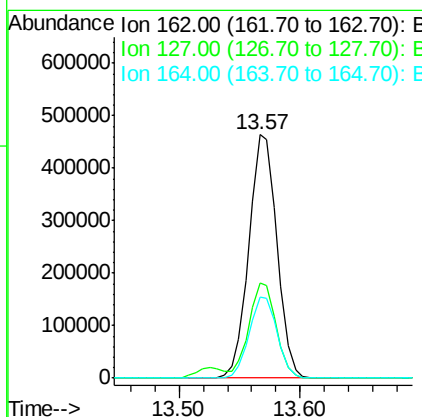
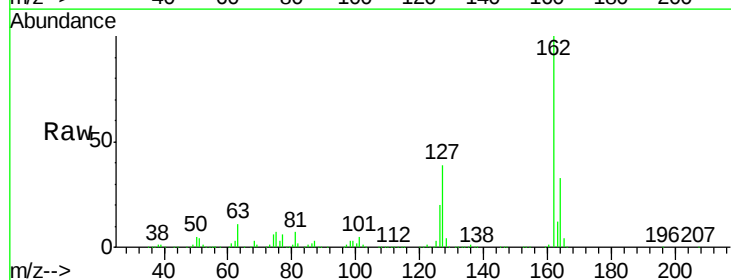
Manual Integrations  
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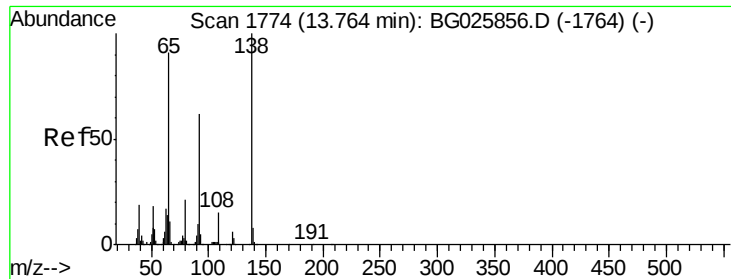
mohammad  
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#46  
2-Chloronaphthalene  
Concen: 45.68 ng  
RT: 13.57 min Scan# 1741  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.3  | 32.2  | 48.4  |
| 164     | 33.1  | 27.3  | 40.9  |





#47

2-Nitroaniline

Concen: 51.89 ng

RT: 13.76 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

ClientSampleId :

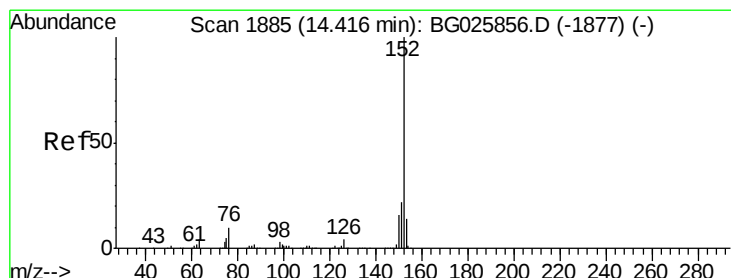
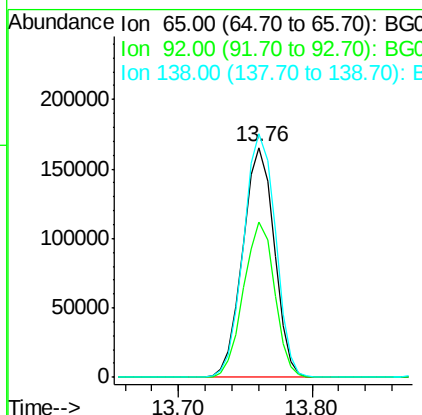
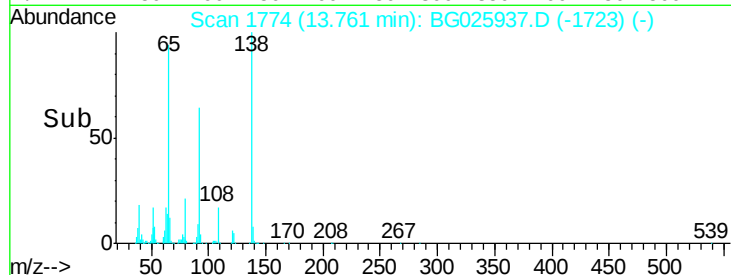
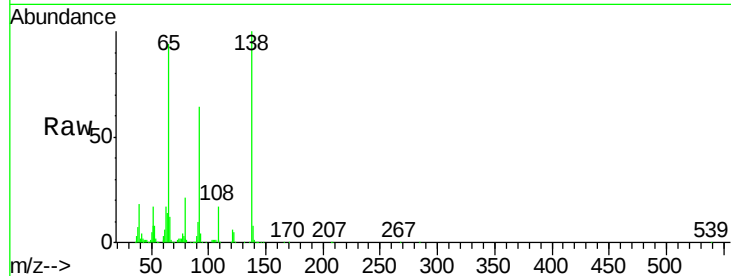
PB97155BSD

Tgt Ion: 65 Resp: 269578  
Ion Ratio Lower Upper

|     |       |      |      |
|-----|-------|------|------|
| 65  | 100   |      |      |
| 92  | 67.4  | 49.0 | 73.4 |
| 138 | 105.8 | 58.6 | 87.8 |

Manual Integrations  
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#48

Acenaphthylene

Concen: 45.56 ng

RT: 14.41 min Scan# 1884

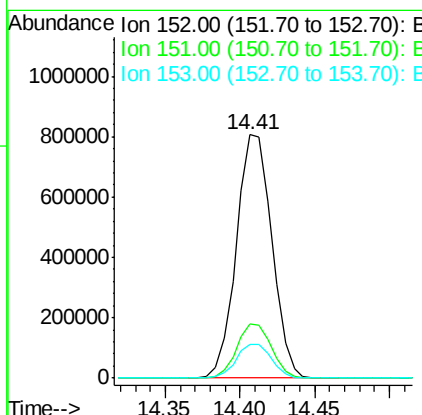
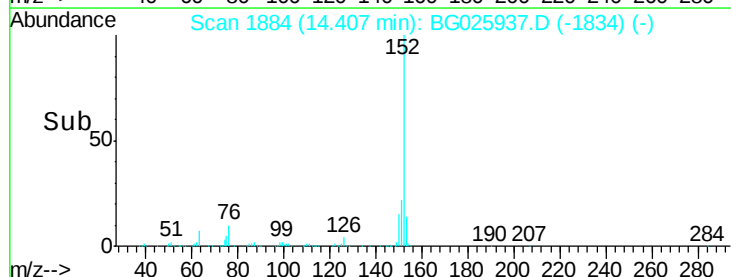
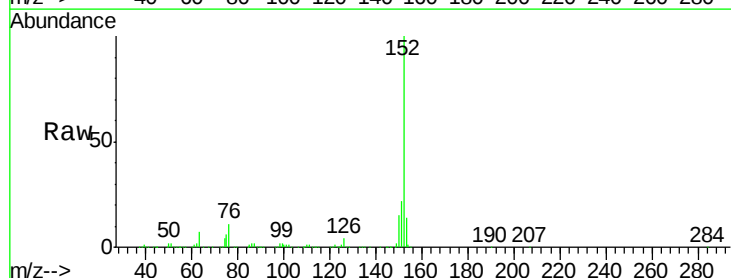
Delta R.T. -0.01 min

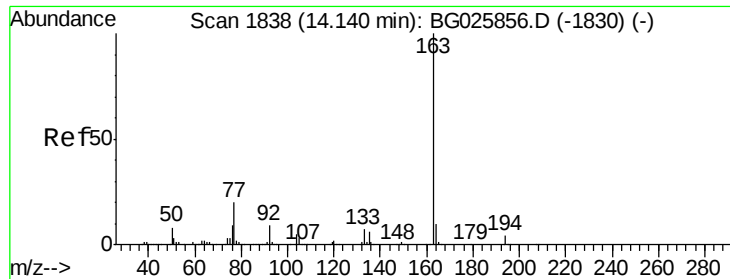
Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Tgt Ion: 152 Resp: 1328990  
Ion Ratio Lower Upper

|     |      |      |      |
|-----|------|------|------|
| 152 | 100  |      |      |
| 151 | 22.3 | 18.2 | 27.2 |
| 153 | 14.1 | 11.3 | 16.9 |





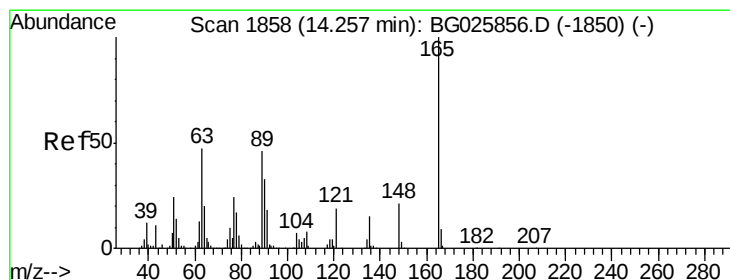
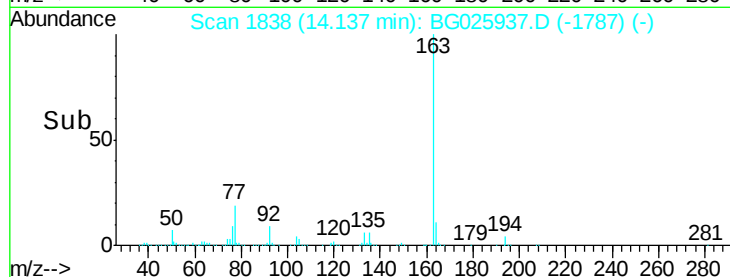
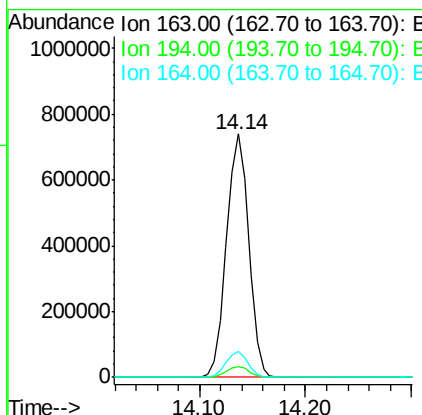
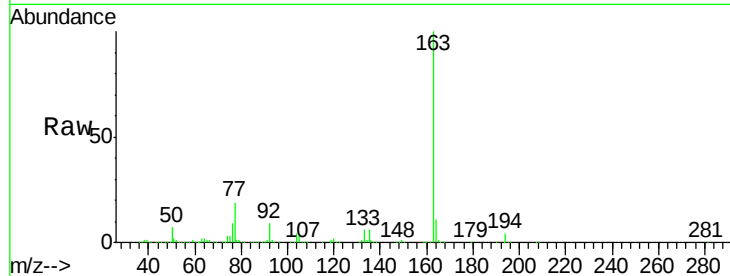
#49  
Dimethylphthalate  
Concen: 50.09 ng  
RT: 14.14 min Scan# 1838  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.4   | 3.8   | 5.6   |
| 164     | 10.6  | 9.3   | 13.9  |

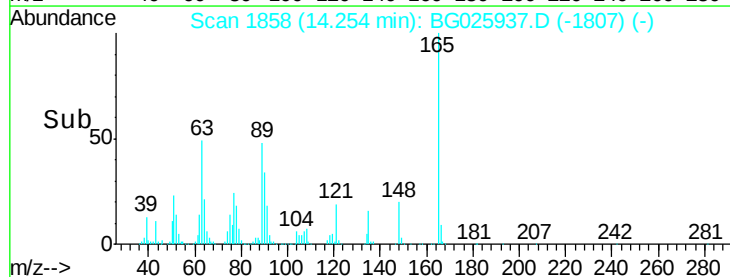
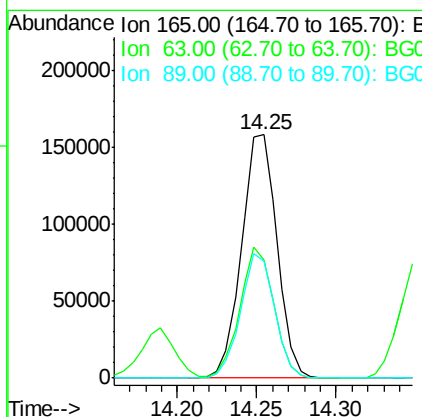
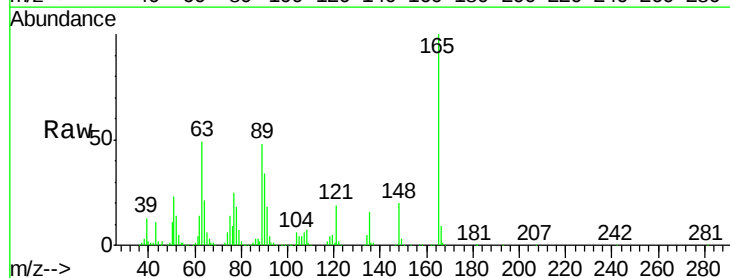
Manual Integrations  
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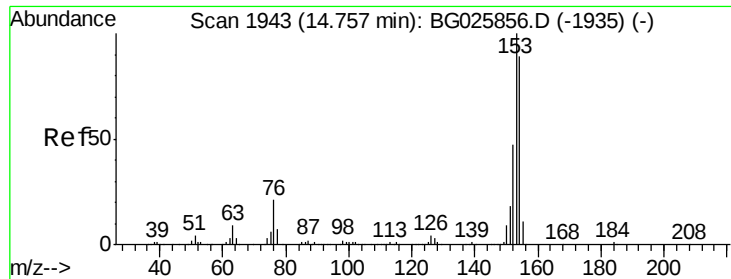
mohammad  
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#50  
2,6-Dinitrotoluene  
Concen: 50.76 ng  
RT: 14.25 min Scan# 1858  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.6  | 63.9  | 95.9# |
| 89      | 47.9  | 58.6  | 88.0# |





#51

Acenaphthene

Concen: 44.85 ng

RT: 14.75 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

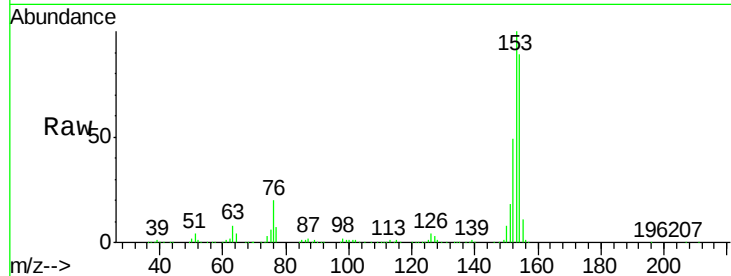
ClientSampleId :

PB97155BSD

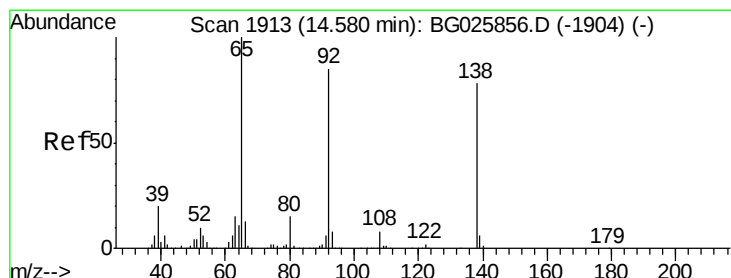
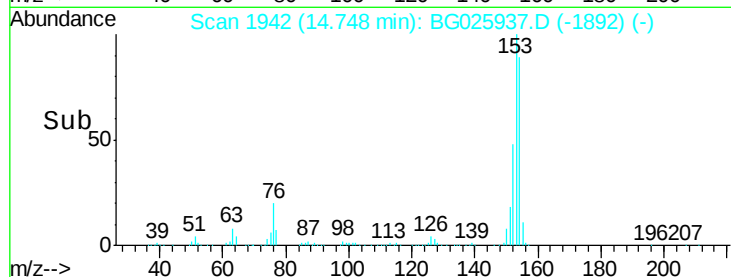
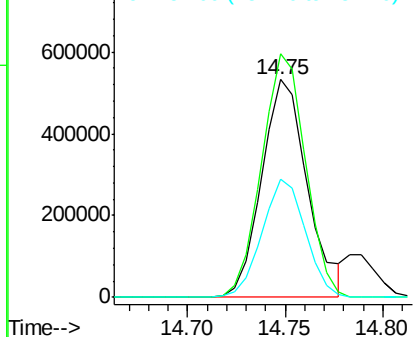
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 863884 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 111.8 | 87.8  | 131.6  |
| 152       | 54.2  | 42.2  | 63.4   |

Manual Integrations  
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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.17 ng

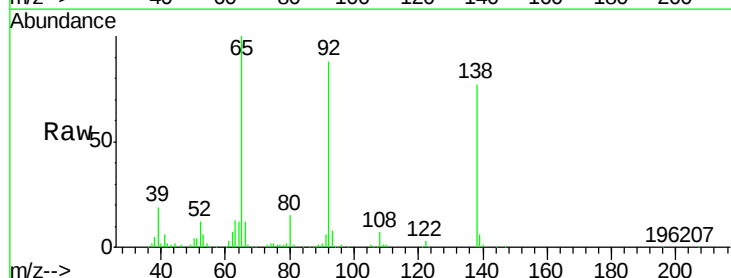
RT: 14.58 min Scan# 1913

Delta R.T. -0.00 min

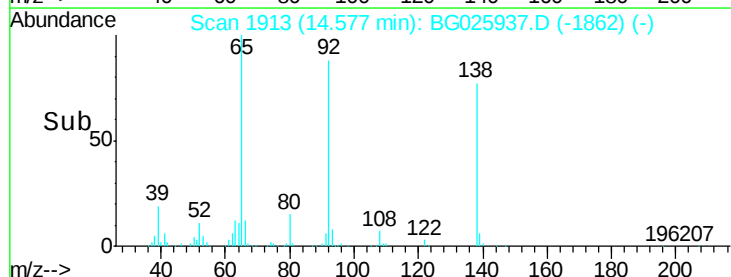
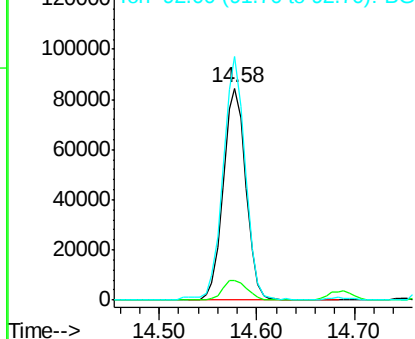
Lab File: BG025937.D

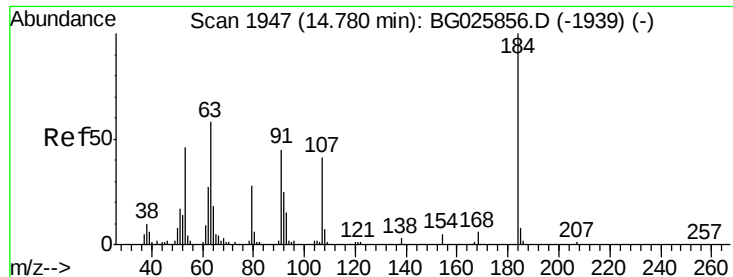
Acq: 24 Feb 2017 18:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 135648 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 9.2   | 10.9  | 16.3#  |
| 92        | 114.8 | 115.3 | 172.9# |



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





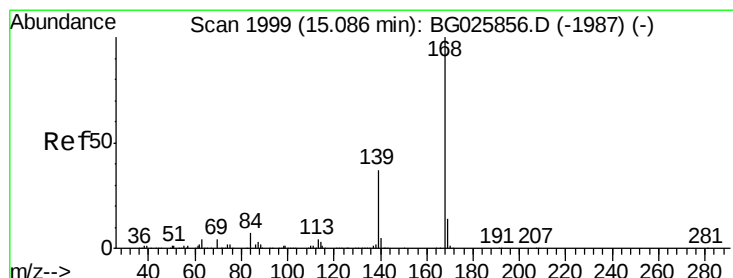
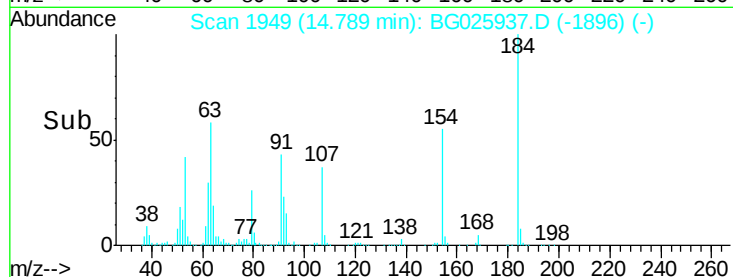
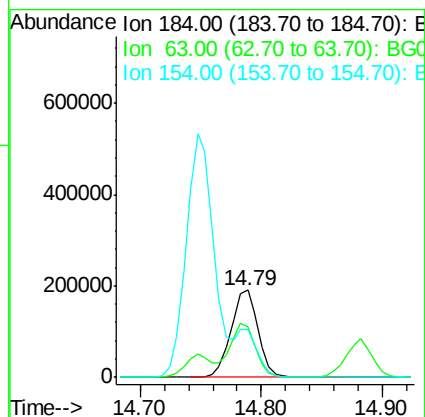
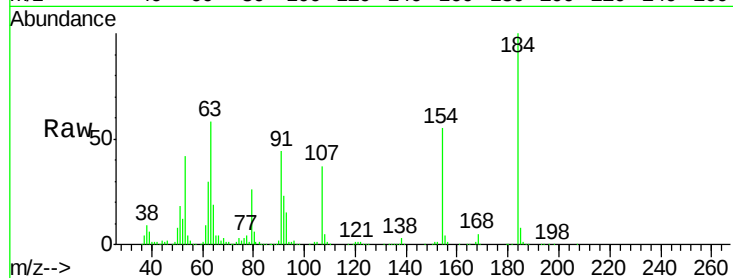
#53  
2,4-Dinitrophenol  
Concen: 117.65 ng  
RT: 14.79 min Scan# 1949  
Delta R.T. 0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 296667 |       |       |
| 63      | 57.9  | 52.7   | 79.1  |       |
| 154     | 55.2  | 57.3   | 85.9  |       |

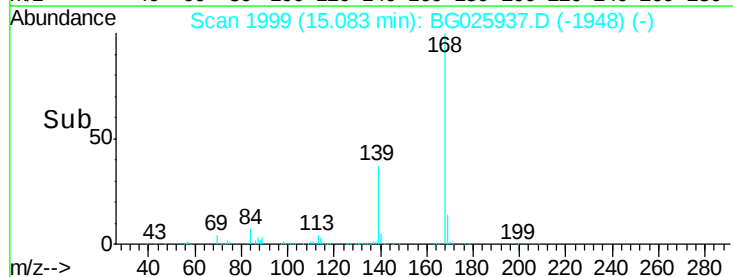
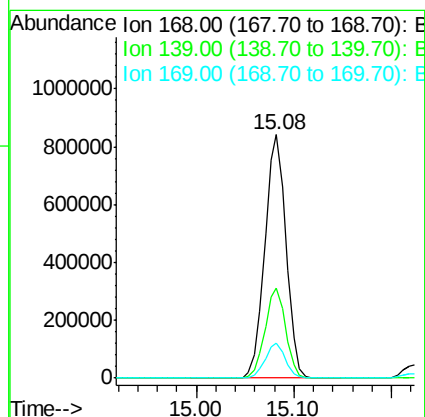
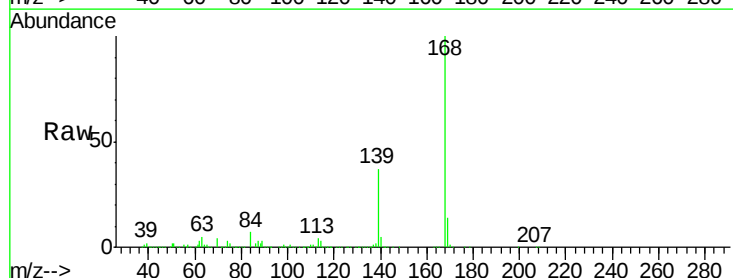
Manual Integrations  
APPROVED

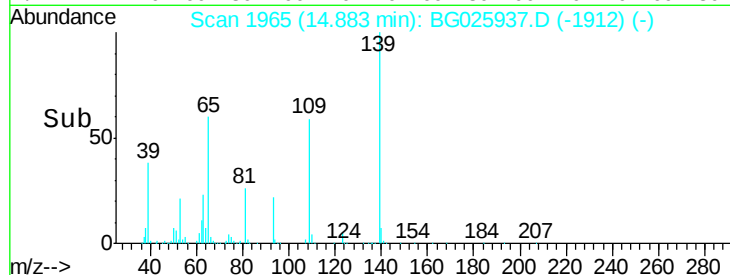
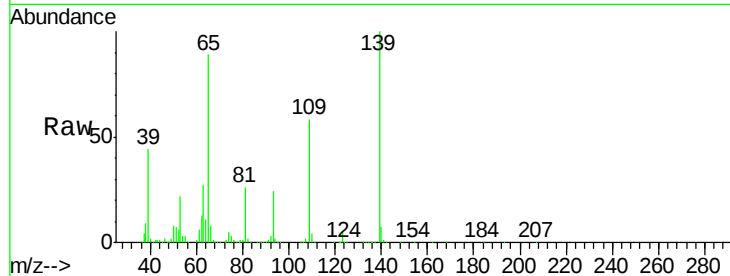
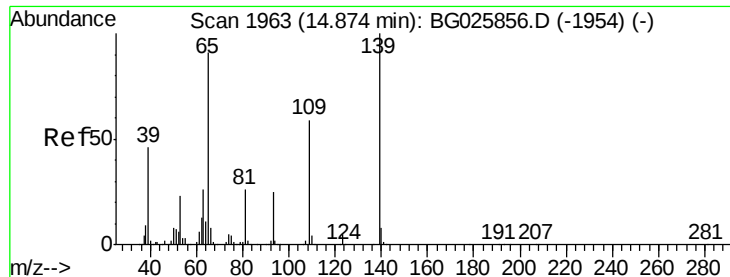
mohammad  
2/27/2017 1:06:55 PM



#54  
Dibenzofuran  
Concen: 50.06 ng  
RT: 15.08 min Scan# 1999  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1285495 |       |       |
| 139     | 37.1  | 35.3    | 52.9  |       |
| 169     | 14.4  | 11.5    | 17.3  |       |





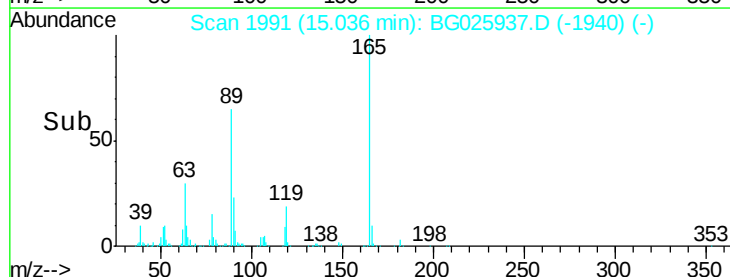
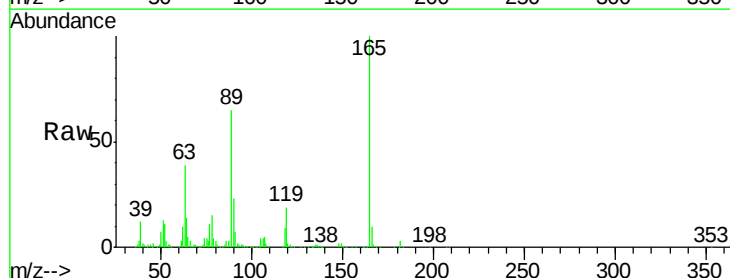
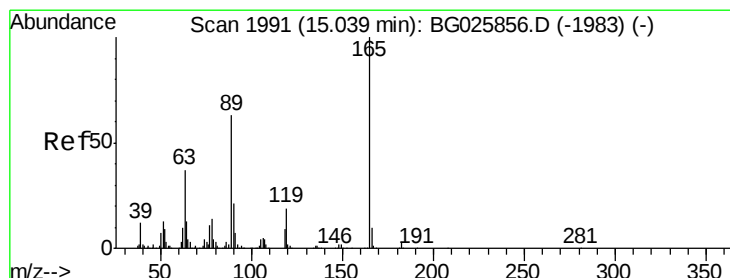
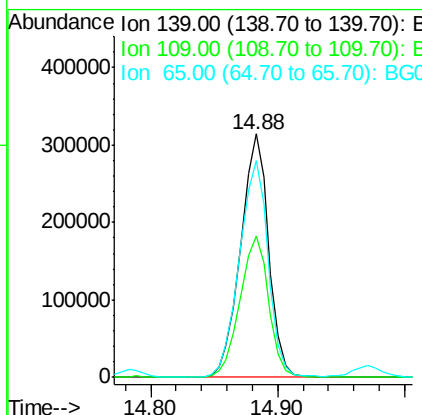
#55  
4-Nitrophenol  
Concen: 109.97 ng  
RT: 14.88 min Scan# 1965  
Delta R.T. 0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 139     | 100   | 482393 |        |       |
| 109     | 58.0  | 101.2  | 141.2# |       |
| 65      | 89.3  | 135.3  | 175.3# |       |

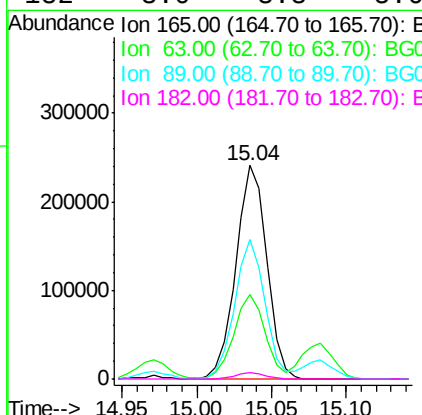
Manual Integrations  
APPROVED

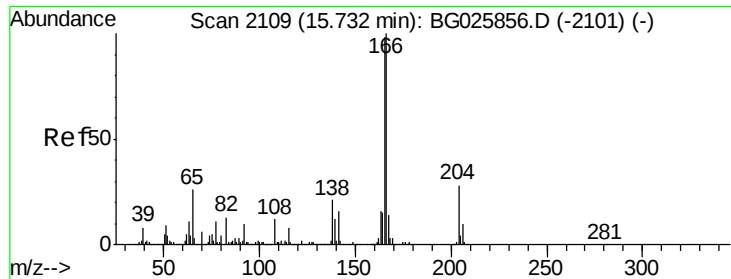
mohammad  
2/27/2017 1:06:55 PM



#56  
2,4-Dinitrotoluene  
Concen: 53.49 ng  
RT: 15.04 min Scan# 1991  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 165     | 100   | 346764 |        |       |
| 63      | 39.3  | 44.0   | 66.0#  |       |
| 89      | 65.5  | 67.3   | 100.9# |       |
| 182     | 3.0   | 3.8    | 5.6#   |       |





#57

Fluorene

Concen: 47.16 ng

RT: 15.73 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

ClientSampleId :

PB97155BSD

Tgt Ion:166 Resp: 1082060

Ion Ratio Lower Upper

166 100

165 97.0 78.6 117.8

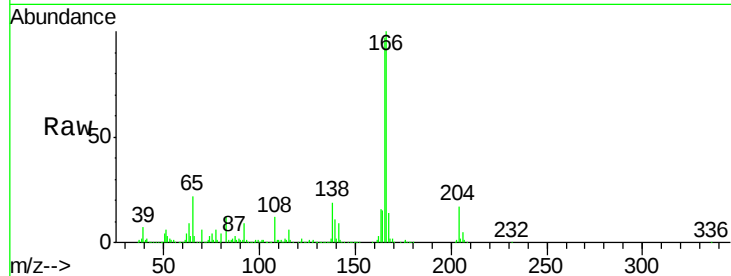
167 14.2 11.6 17.4

Manual Integrations

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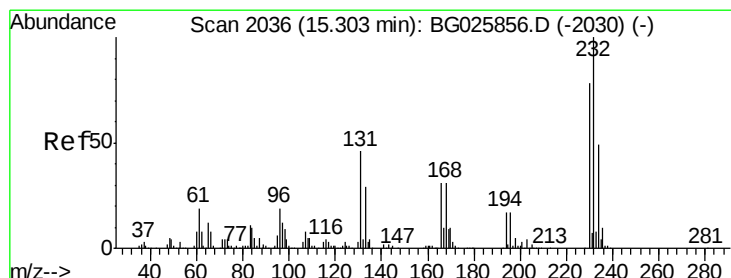
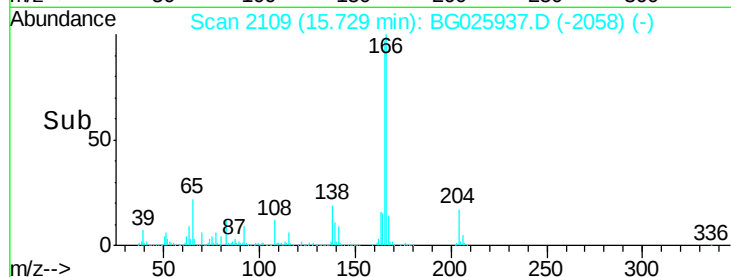
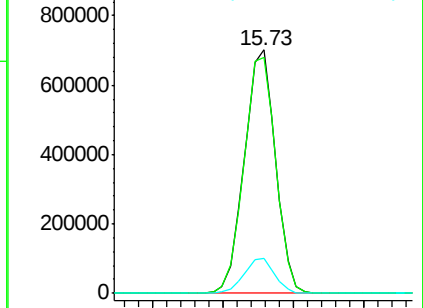
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 58.63 ng

RT: 15.31 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Tgt Ion:232 Resp: 297180

Ion Ratio Lower Upper

232 100

131 44.7 34.9 52.3

130 2.4 2.3 3.5

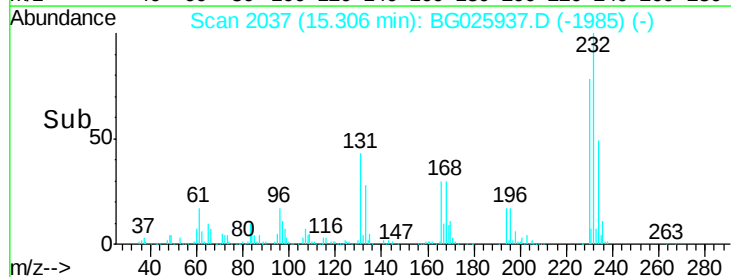
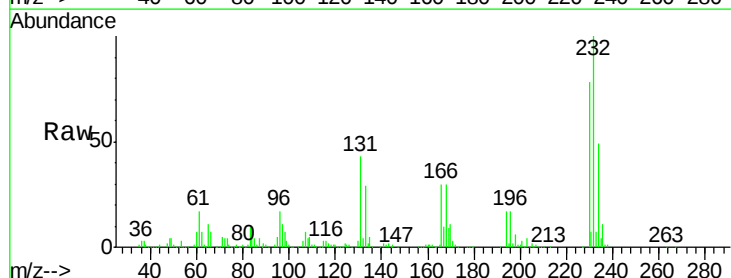
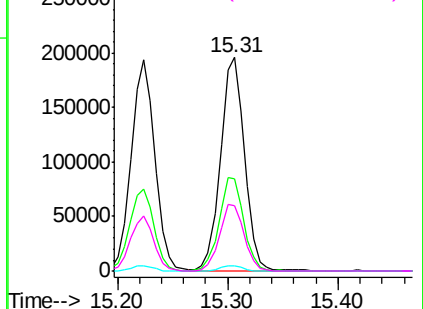
166 31.9 24.2 36.4

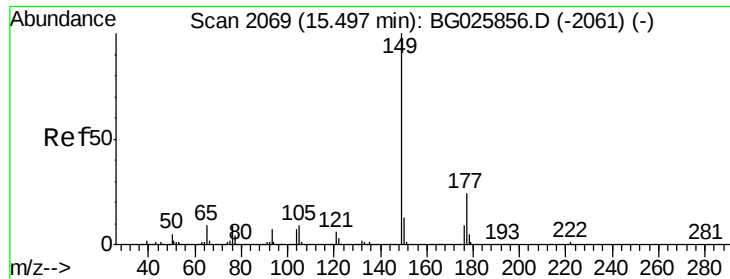
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





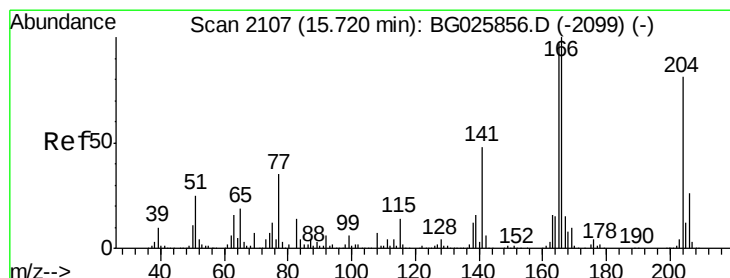
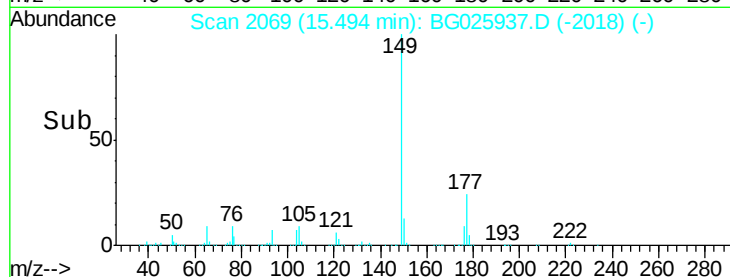
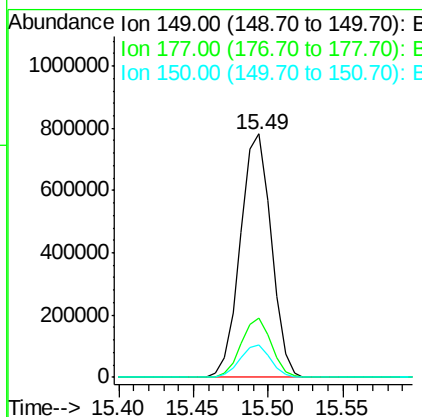
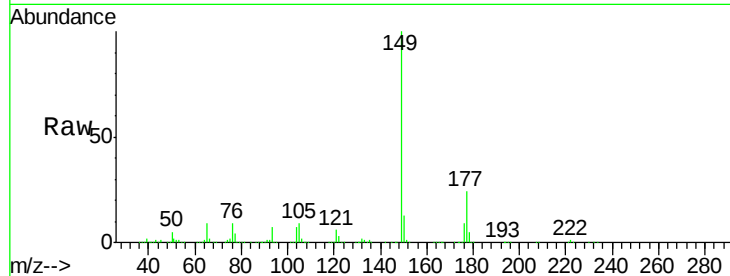
#59  
Diethylphthalate  
Concen: 50.63 ng  
RT: 15.49 min Scan# 2069  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.3  | 20.1  | 30.1  |
| 150     | 13.3  | 10.2  | 15.2  |

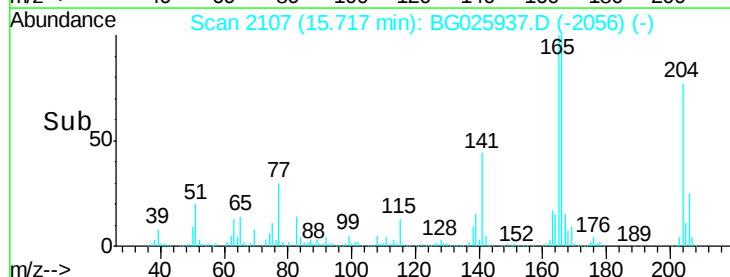
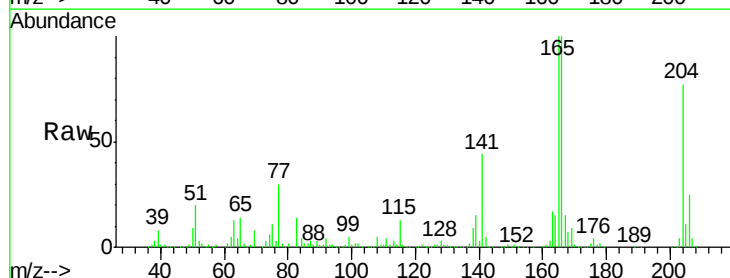
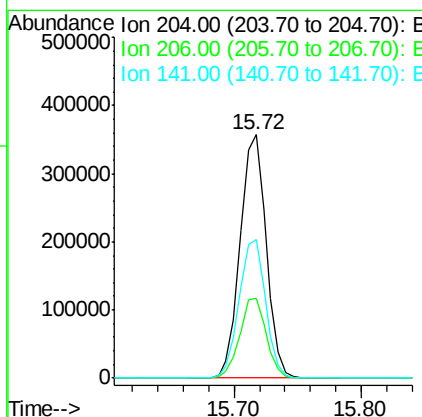
Manual Integrations  
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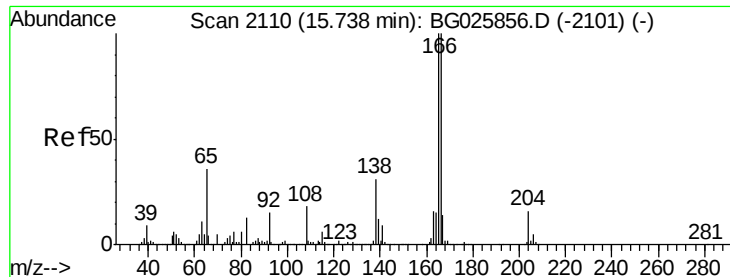
mohammad  
2/27/2017 1:06:55 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 47.68 ng  
RT: 15.72 min Scan# 2107  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 30.1  | 45.1  |
| 141     | 56.7  | 50.6  | 76.0  |





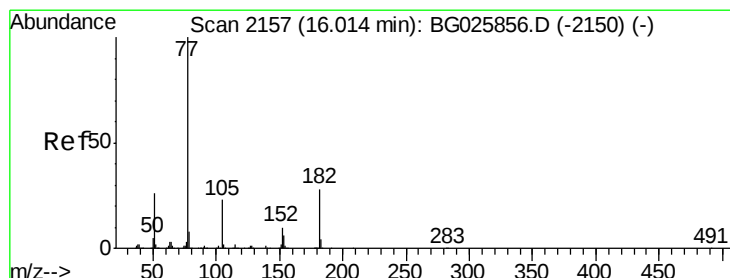
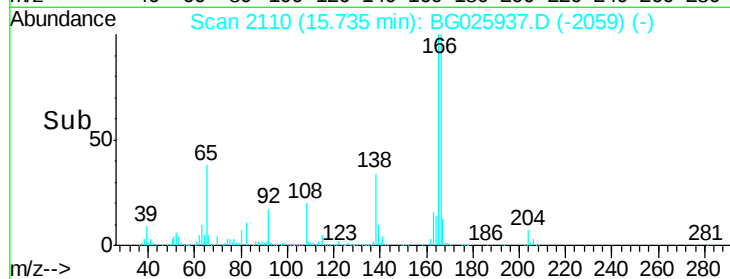
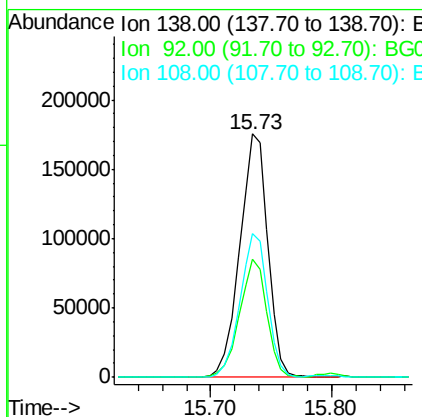
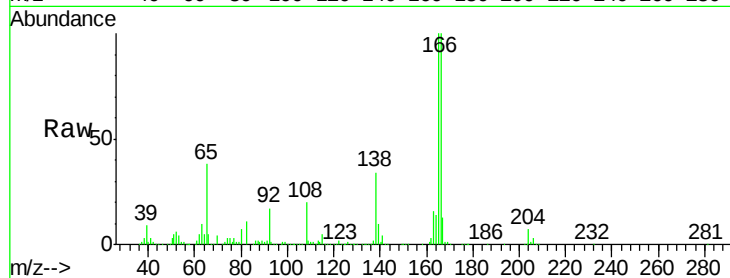
#61  
4-Nitroaniline  
Concen: 50.75 ng  
RT: 15.73 min Scan# 2110  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.4  | 44.2  | 84.2  |
| 108     | 58.8  | 104.8 | 144.8 |

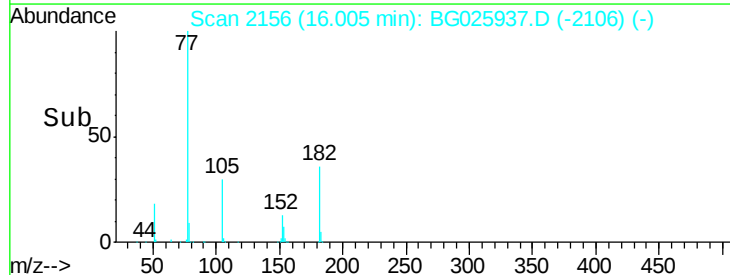
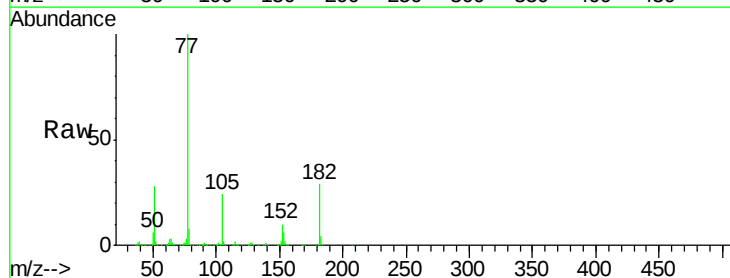
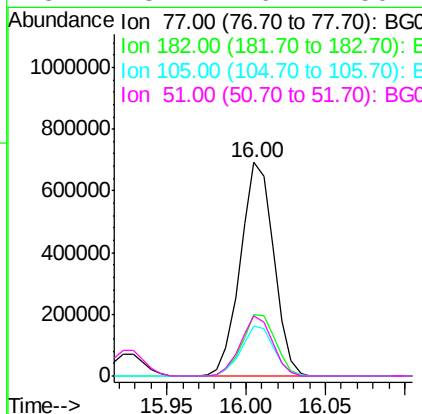
Manual Integrations  
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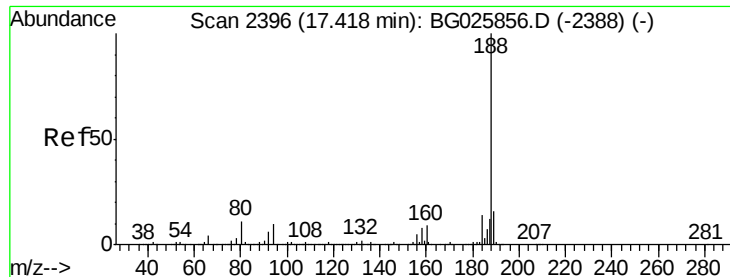
mohammad  
2/27/2017 1:06:55 PM



#62  
Azobenzene  
Concen: 52.79 ng  
RT: 16.00 min Scan# 2156  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.6  | 4.7   | 44.7  |
| 105     | 23.6  | 0.0   | 36.3  |
| 51      | 28.1  | 16.4  | 56.4  |





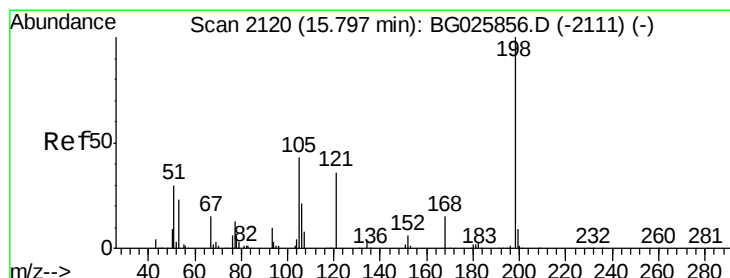
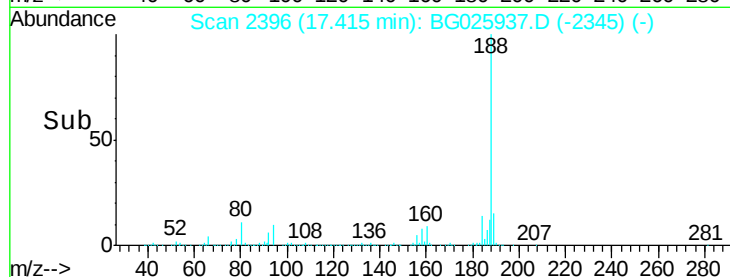
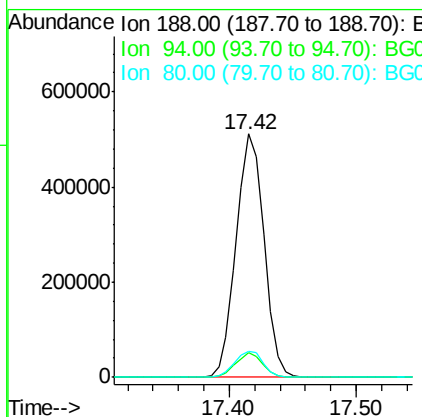
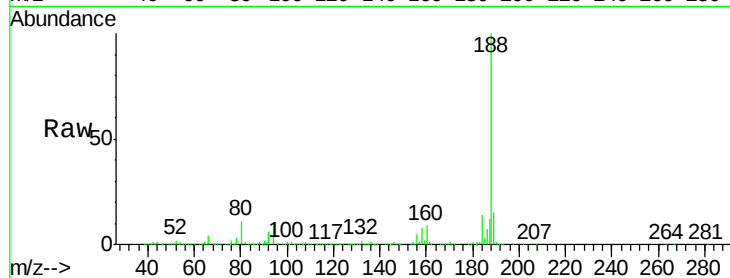
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.42 min Scan# 2396  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 777606 |       |       |
| 94      | 9.9   | 5.8    | 8.8#  |       |
| 80      | 10.8  | 7.5    | 11.3  |       |

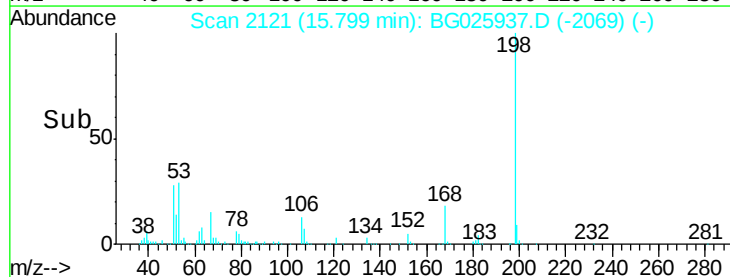
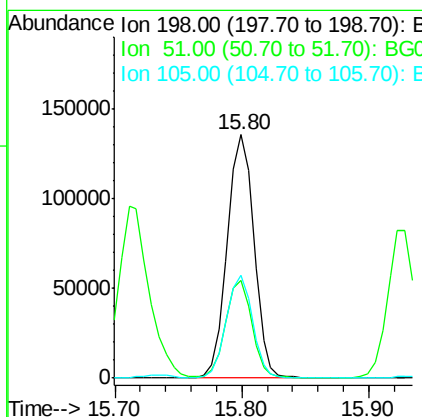
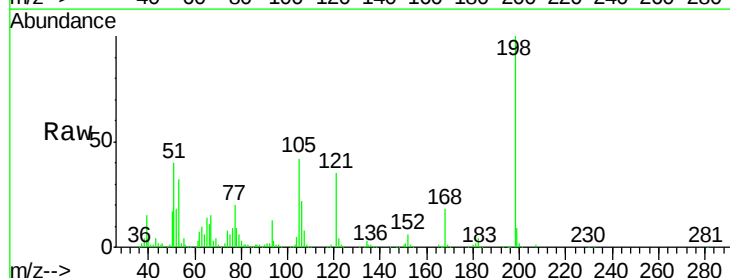
Manual Integrations  
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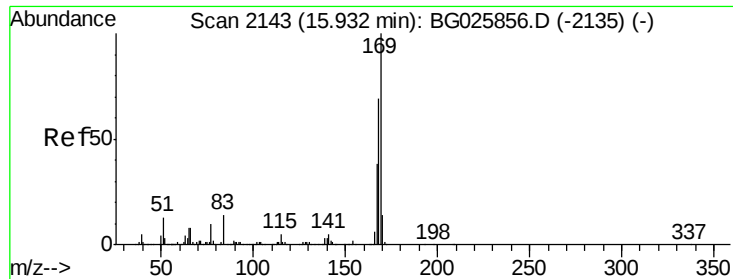
mohammad  
2/27/2017 1:06:55 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 43.60 ng  
RT: 15.80 min Scan# 2121  
Delta R.T. 0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 198416 |       |       |
| 51      | 40.3  | 22.6   | 62.6  |       |
| 105     | 42.4  | 14.4   | 54.4  |       |





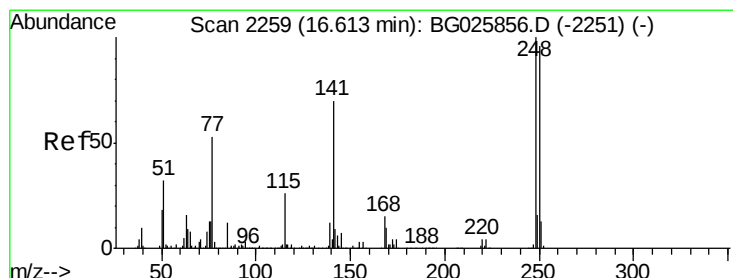
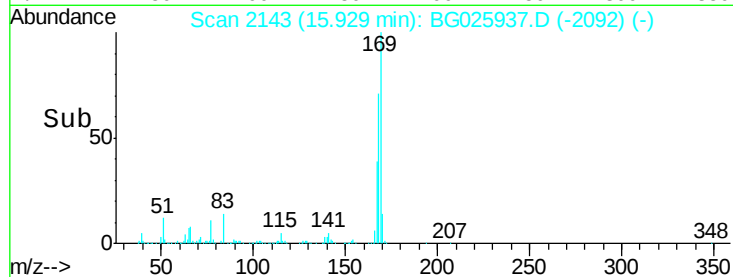
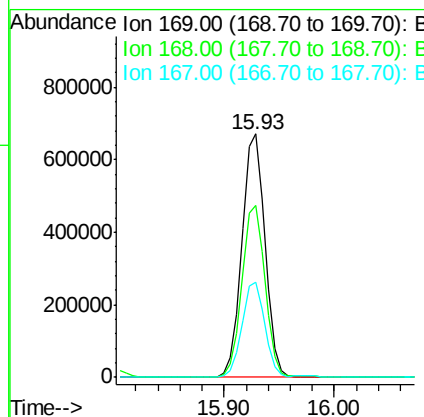
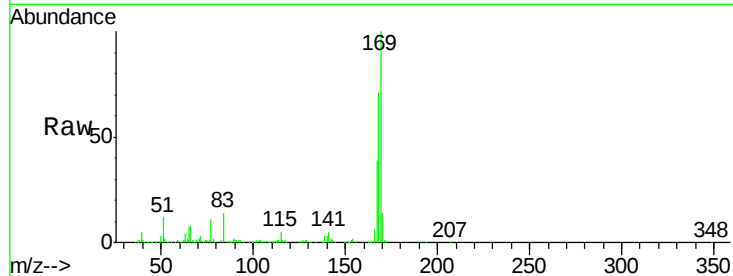
#65  
 n-Nitrosodiphenylamine  
 Concen: 41.78 ng  
 RT: 15.93 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97155BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 985332 |       |       |
| 168     | 70.6  |        | 55.7  | 83.5  |
| 167     | 39.2  |        | 29.8  | 44.6  |

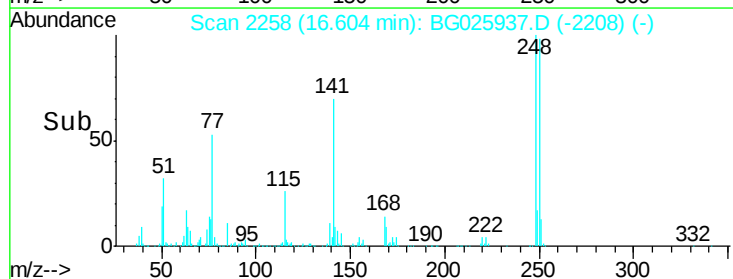
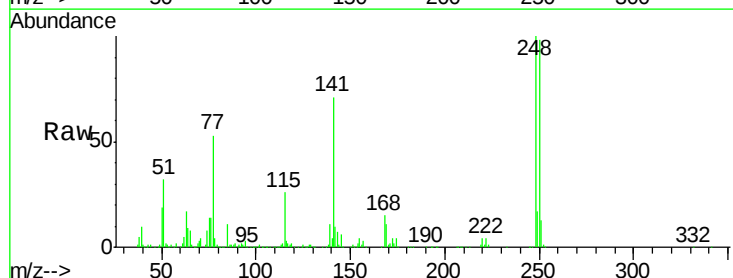
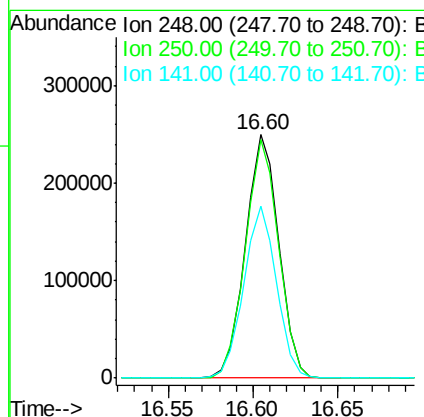
Manual Integrations  
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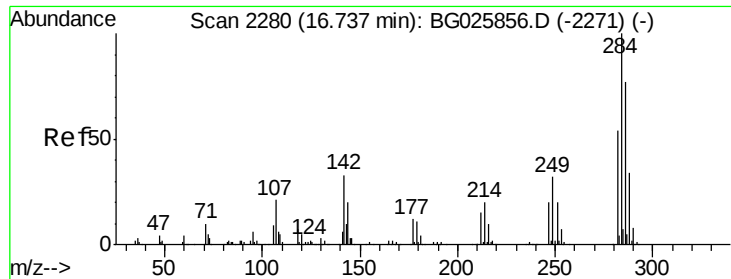
mohammad  
 2/27/2017 1:06:55 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 42.23 ng  
 RT: 16.60 min Scan# 2258  
 Delta R.T. -0.01 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 344218 |       |       |
| 250     | 97.7  |        | 75.0  | 112.6 |
| 141     | 70.7  |        | 55.2  | 82.8  |





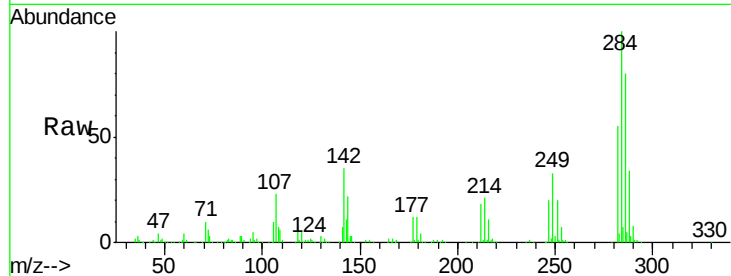
#67  
Hexachlorobenzene  
Concen: 41.92 ng  
RT: 16.73 min Scan# 2279  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

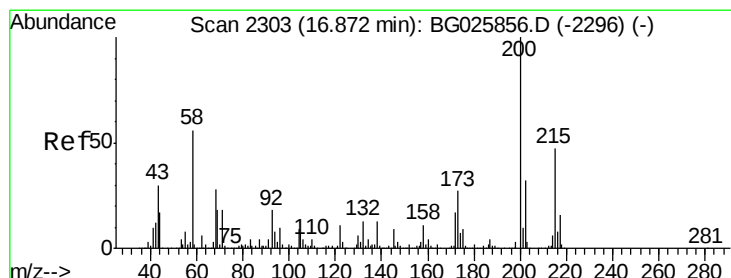
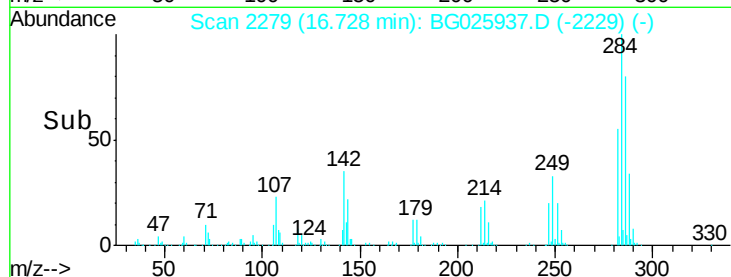
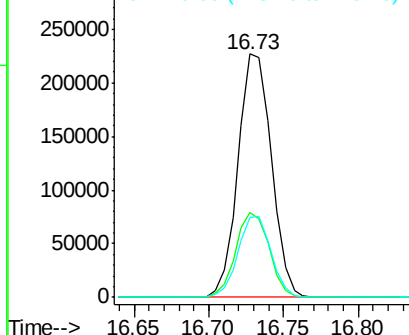
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 352129 |       |       |
| 142     | 35.0  | 29.9   | 44.9  |       |
| 249     | 33.0  | 29.2   | 43.8  |       |

Manual Integrations  
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mohammad  
2/27/2017 1:06:55 PM

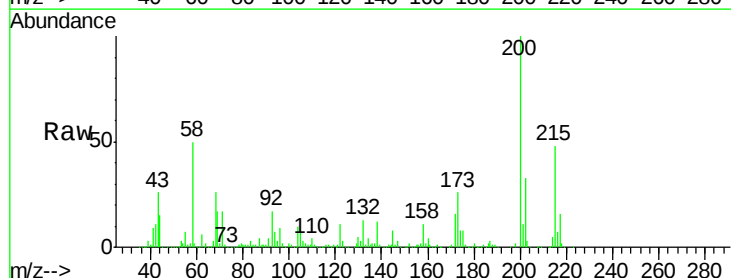


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

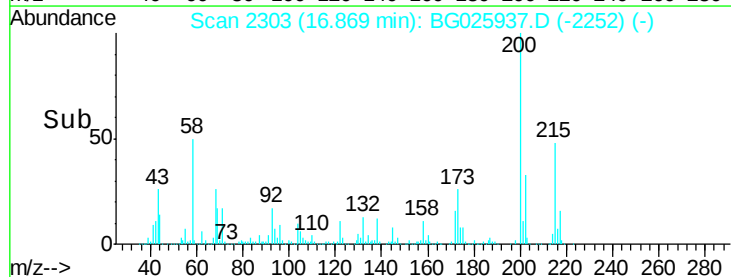
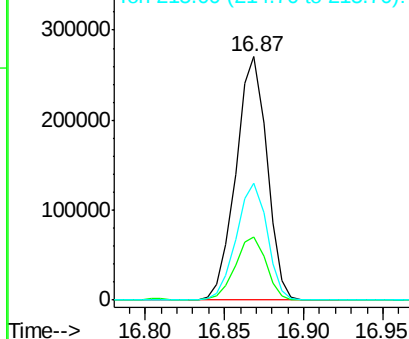


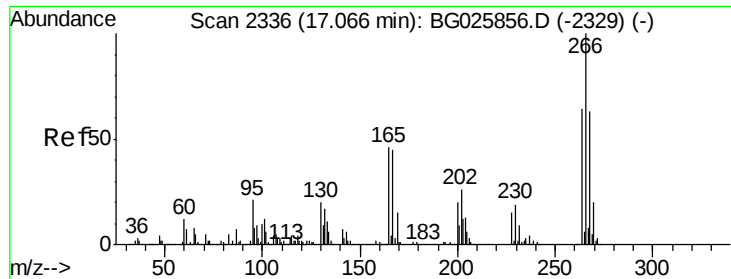
#68  
Atrazine  
Concen: 44.06 ng  
RT: 16.87 min Scan# 2303  
Delta R.T. -0.00 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 367729 |       |       |
| 173     | 26.2  | 3.0    | 43.0  |       |
| 215     | 48.2  | 28.4   | 68.4  |       |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





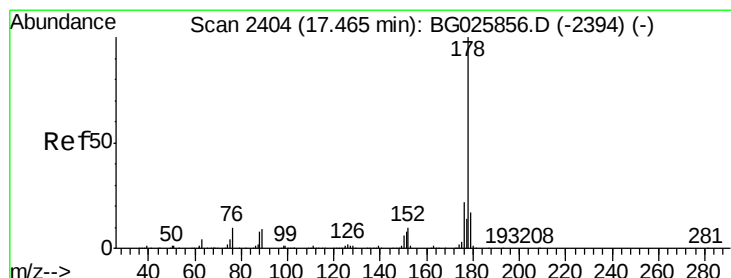
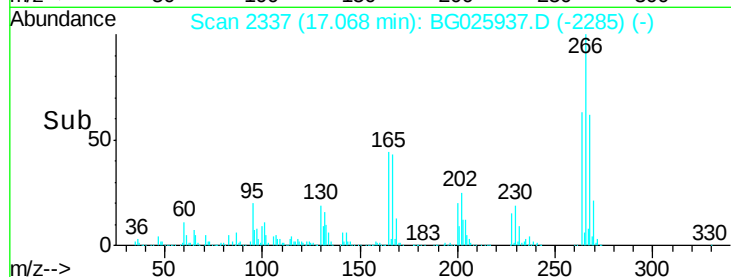
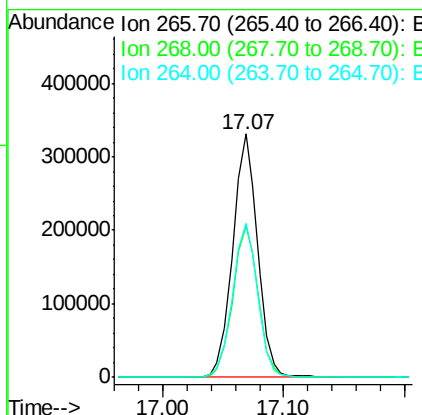
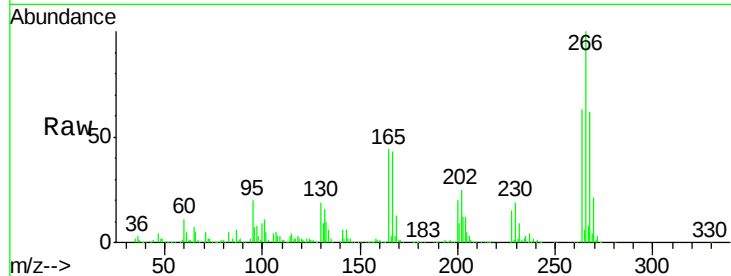
#69  
 Pentachlorophenol  
 Concen: 91.59 ng  
 RT: 17.07 min Scan# 2337  
 Delta R.T. 0.00 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.0  | 48.6  | 72.8  |
| 264     | 63.2  | 50.1  | 75.1  |

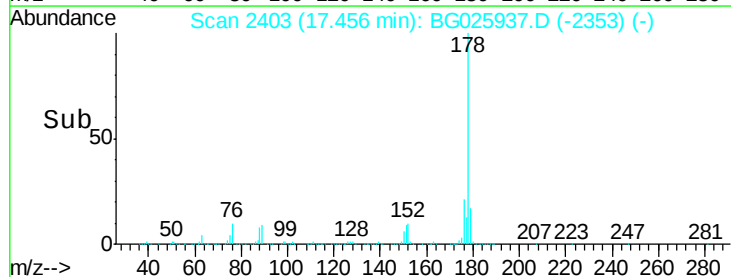
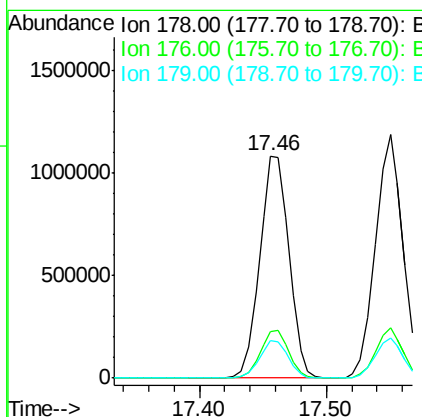
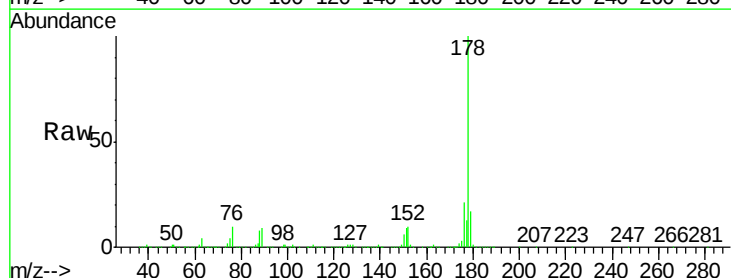
Manual Integrations  
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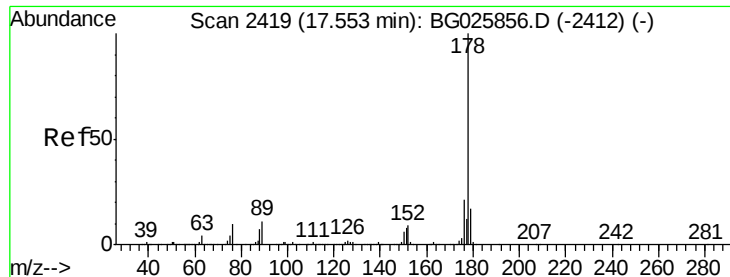
mohammad  
 2/27/2017 1:06:55 PM



#70  
 Phenanthrene  
 Concen: 41.12 ng  
 RT: 17.46 min Scan# 2403  
 Delta R.T. -0.01 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.8  | 17.7  | 26.5  |
| 179     | 17.0  | 15.0  | 22.6  |





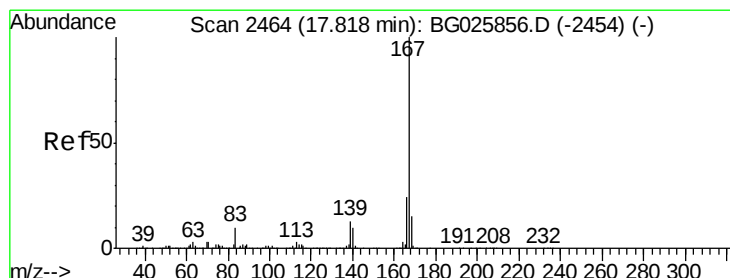
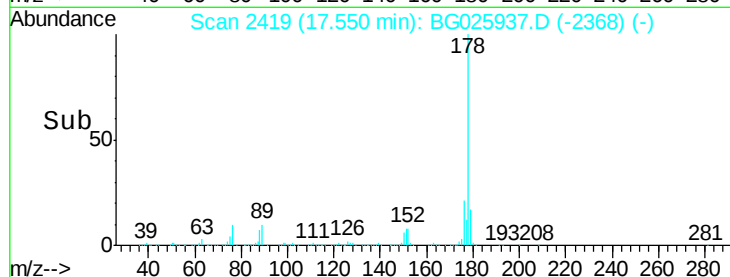
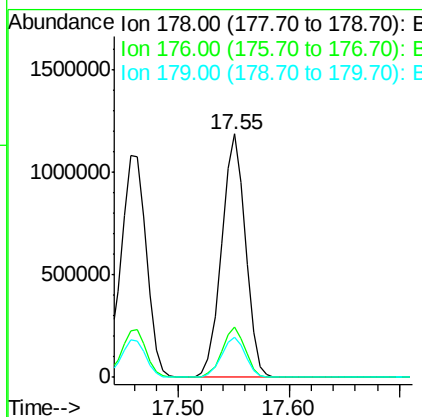
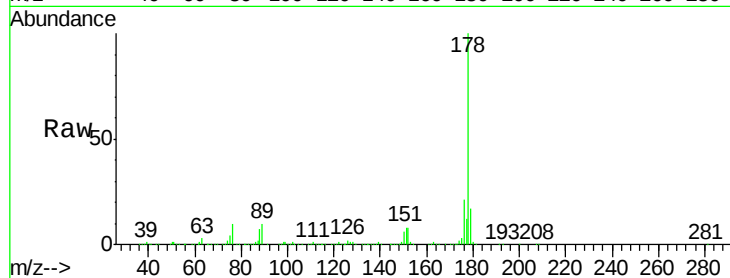
#71  
 Anthracene  
 Concen: 41.65 ng  
 RT: 17.55 min Scan# 2419  
 Delta R.T. -0.00 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97155BSD

Tgt Ion:178 Resp: 1792390  
 Ion Ratio Lower Upper  
 178 100  
 176 20.8 16.4 24.6  
 179 16.5 13.8 20.8

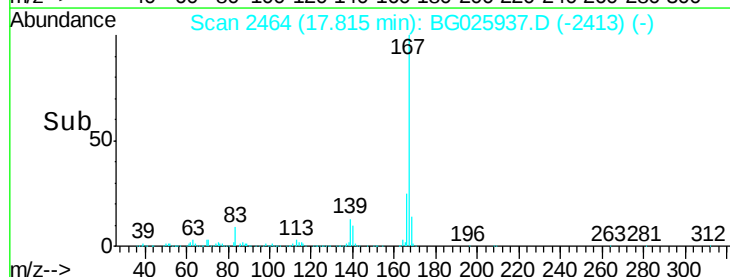
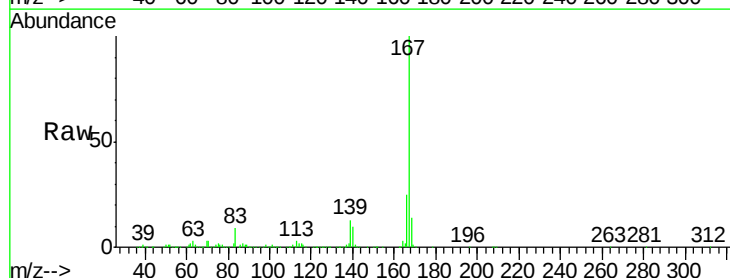
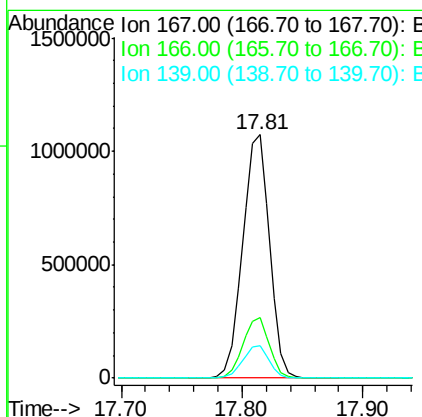
Manual Integrations  
 APPROVED

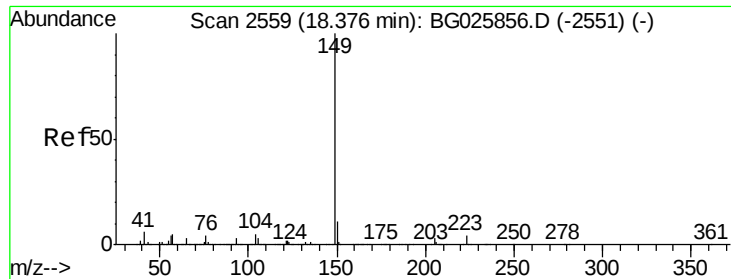
mohammad  
 2/27/2017 1:06:55 PM



#72  
 Carbazole  
 Concen: 38.51 ng  
 RT: 17.81 min Scan# 2464  
 Delta R.T. -0.00 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

Tgt Ion:167 Resp: 1664997  
 Ion Ratio Lower Upper  
 167 100  
 166 24.8 20.2 30.2  
 139 13.1 12.8 19.2





#73

Di-n-butylphthalate

Concen: 45.31 ng

RT: 18.37 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

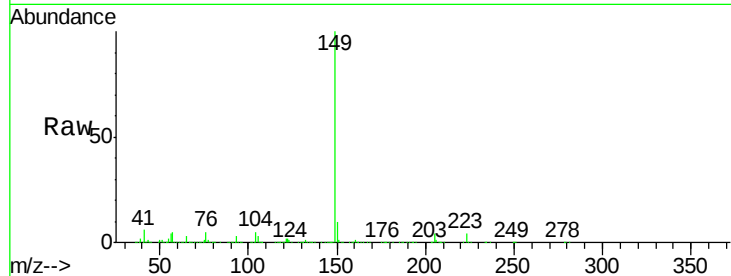
ClientSampleId :

PB97155BSD

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1922967 |       |       |
| 150     | 10.2  |         | 9.1   | 13.7  |
| 104     | 4.9   |         | 6.7   | 10.1  |

Manual Integrations  
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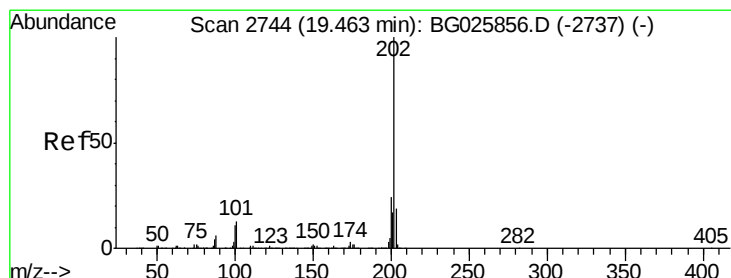
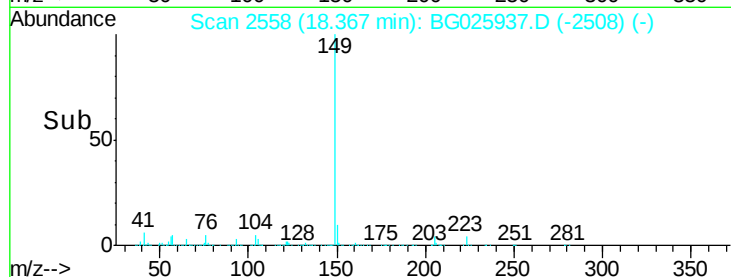
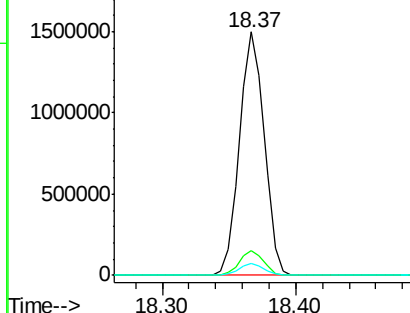


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.43 ng

RT: 19.46 min Scan# 2744

Delta R.T. -0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

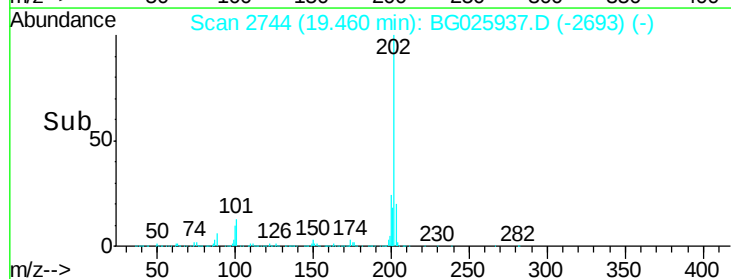
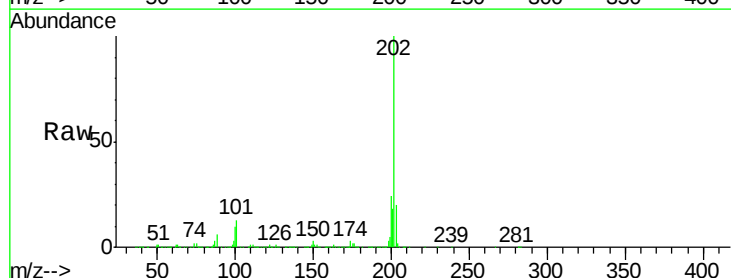
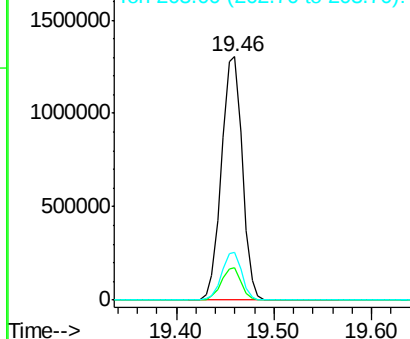
| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 202     | 100   | 1925501 |       |       |
| 101     | 13.1  |         | 0.0   | 30.1  |
| 203     | 19.6  |         | 1.3   | 41.3  |

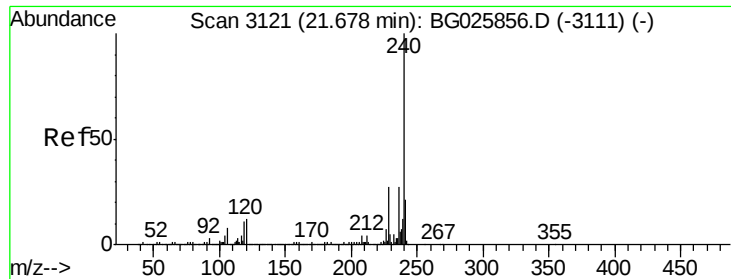
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.67 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

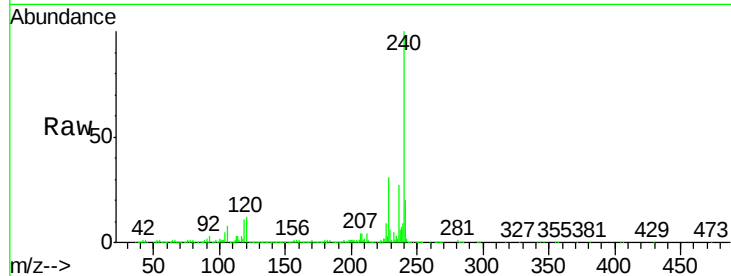
ClientSampleId :

PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.6  | 5.7   | 8.5#  |
| 236     | 27.1  | 22.2  | 33.4  |

Manual Integrations  
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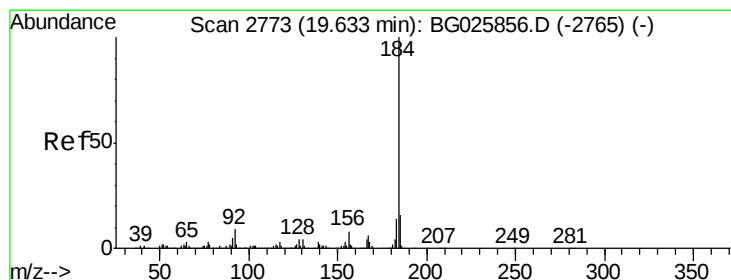
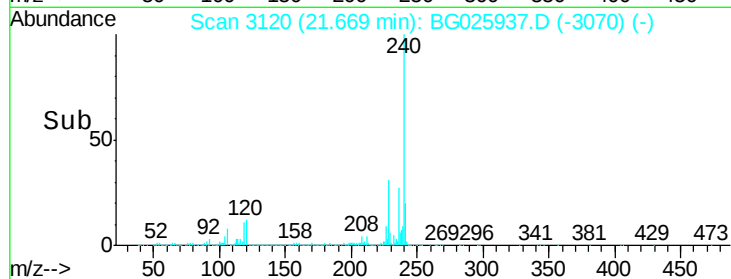
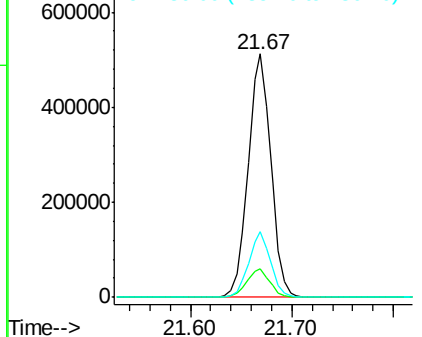
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.08 ng

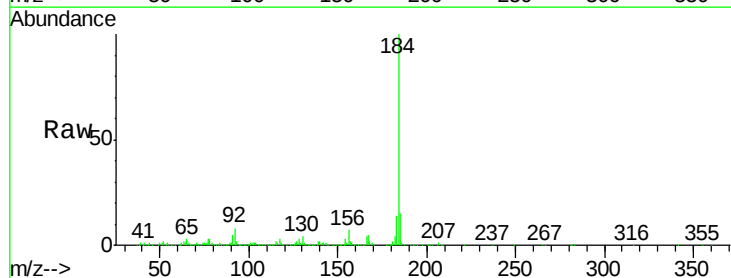
RT: 19.62 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

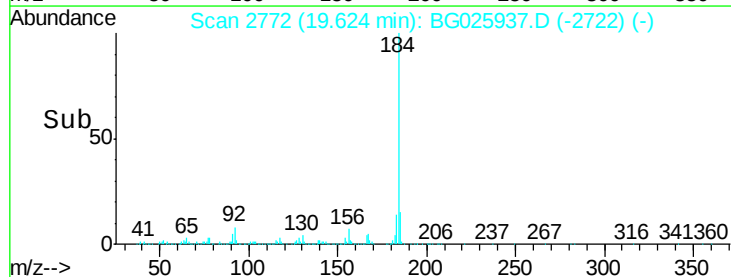
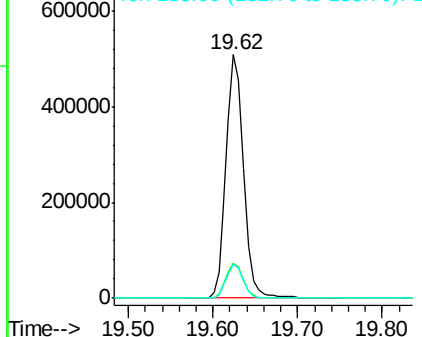
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.6  | 13.0  | 19.6  |
| 183     | 13.6  | 11.0  | 16.6  |

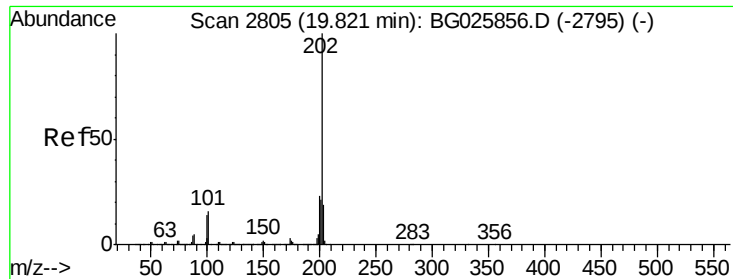


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.78 ng

RT: 19.82 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

ClientSampleId :

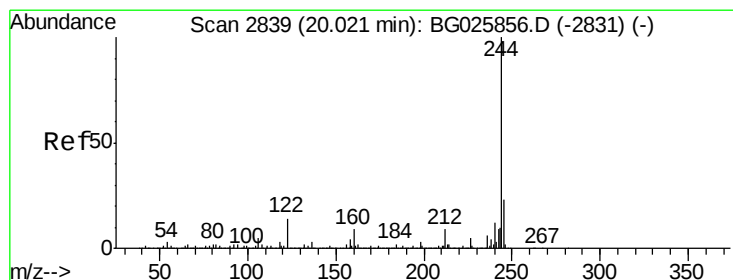
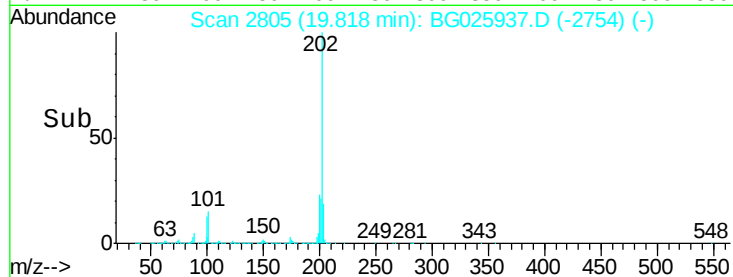
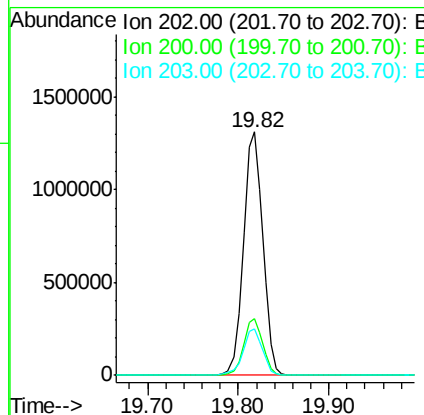
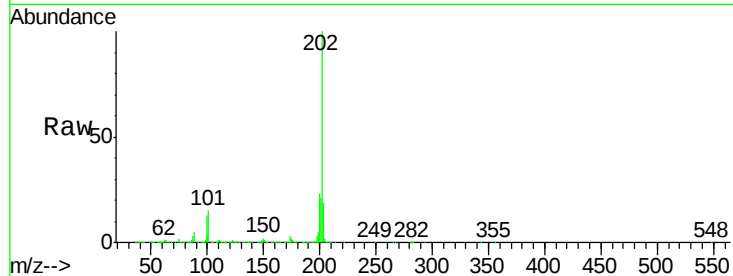
PB97155BSD

Tgt Ion:202 Resp: 1943449

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.4  | 19.6  | 29.4  |
| 203 | 19.3  | 15.8  | 23.8  |

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#78

Terphenyl-d14

Concen: 74.51 ng

RT: 20.01 min Scan# 2838

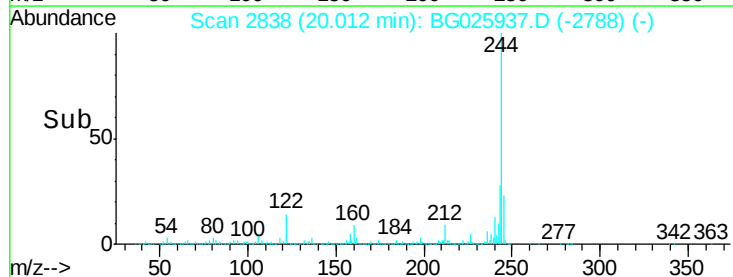
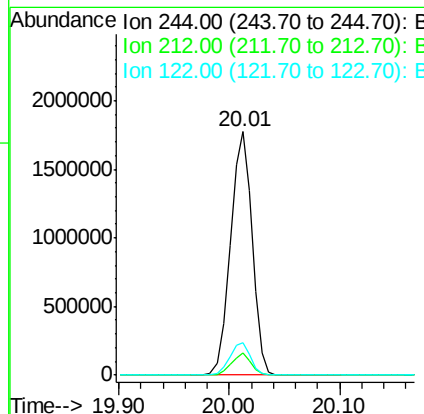
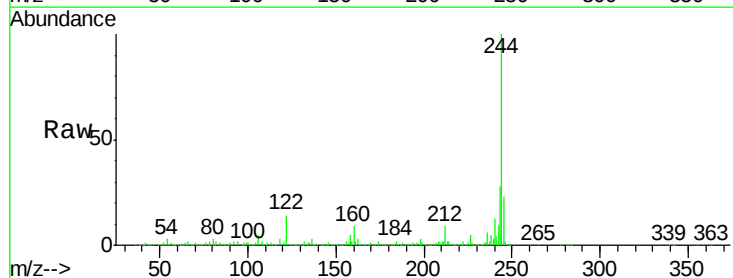
Delta R.T. -0.01 min

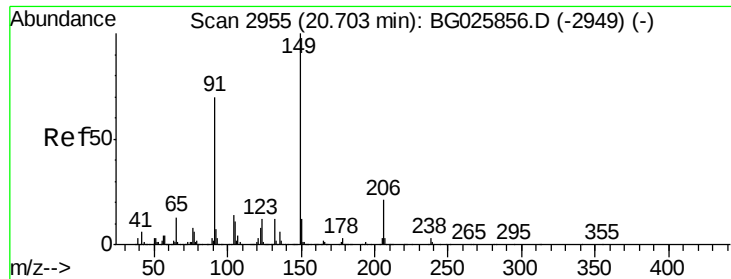
Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Tgt Ion:244 Resp: 2427318

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.0   | 10.0  | 15.0# |
| 122 | 13.5  | 8.6   | 12.8# |





#79

Butylbenzylphthalate

Concen: 45.10 ng

RT: 20.69 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

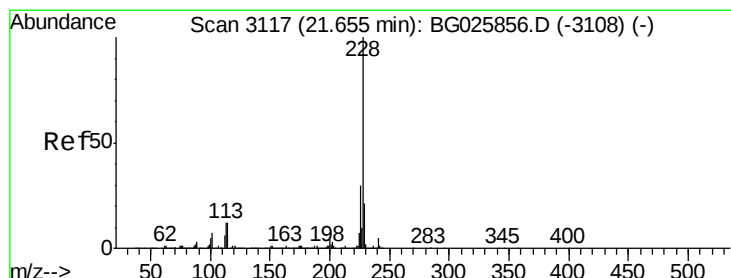
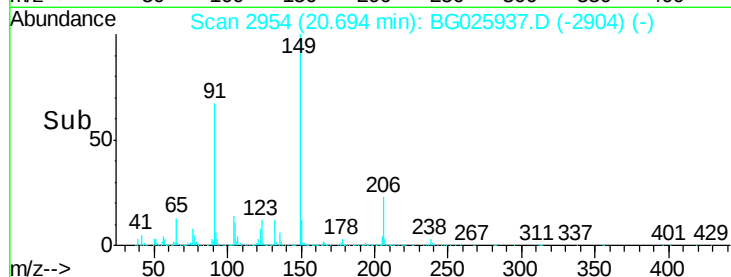
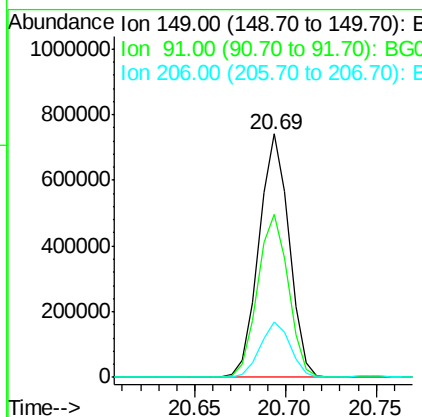
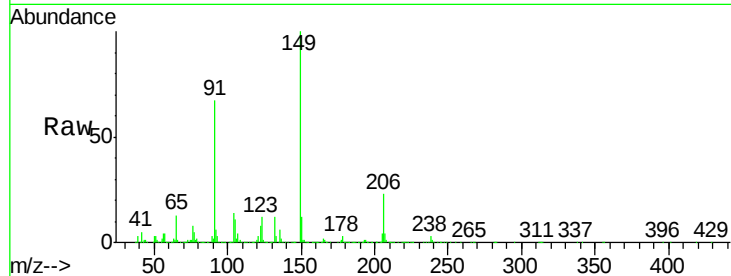
ClientSampleId :

PB97155BSD

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 149   | Resp: | 857630 |
|     | Ratio | Lower | Upper |        |
| 149 | 100   |       |       |        |
| 91  | 66.8  | 63.5  | 95.3  |        |
| 206 | 22.7  | 21.0  | 31.6  |        |

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#80

Benzo(a)anthracene

Concen: 40.12 ng

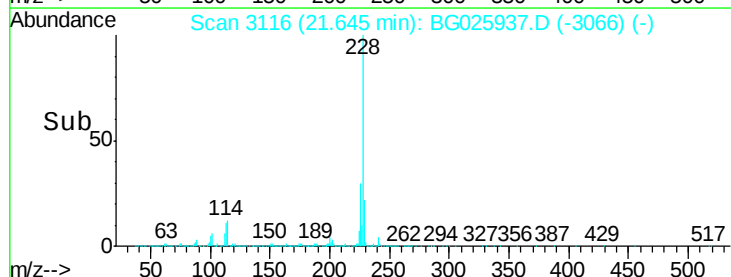
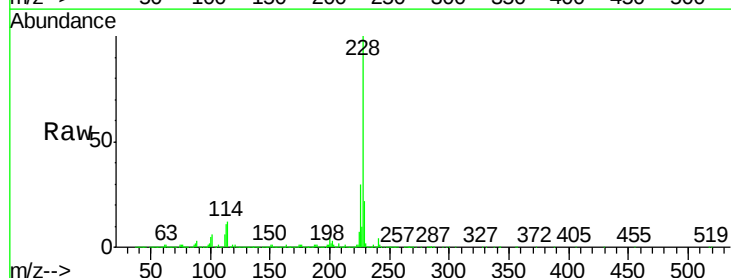
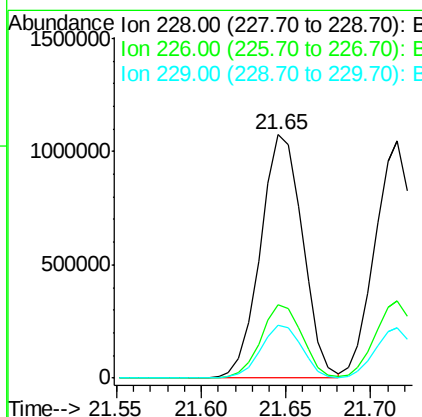
RT: 21.65 min Scan# 3116

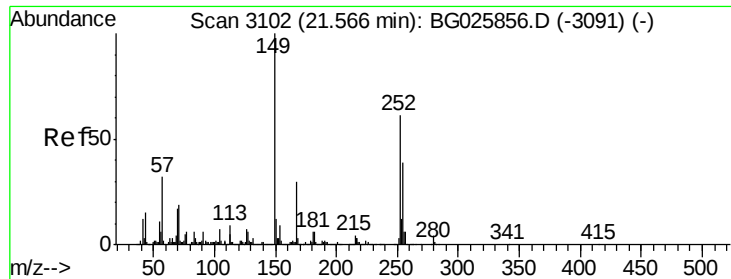
Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

|     |       |       |       |         |
|-----|-------|-------|-------|---------|
| Tgt | Ion   | 228   | Resp: | 1856052 |
|     | Ratio | Lower | Upper |         |
| 228 | 100   |       |       |         |
| 226 | 30.2  | 24.9  | 37.3  |         |
| 229 | 21.9  | 18.2  | 27.2  |         |





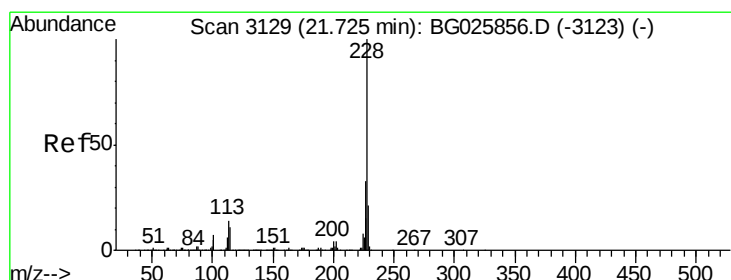
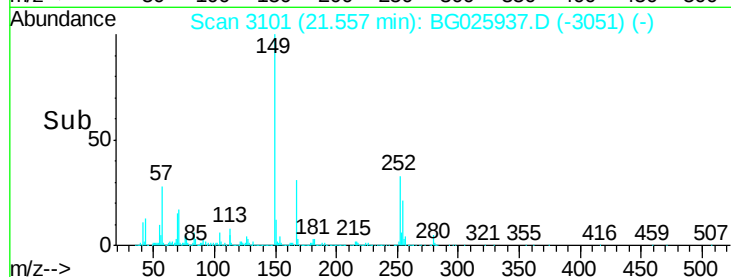
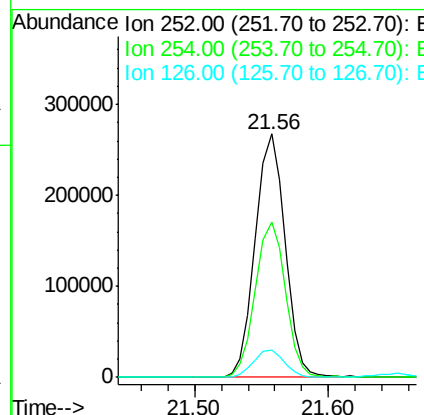
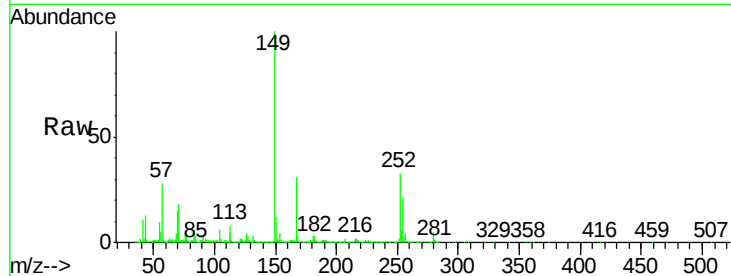
#81  
 3,3'-Dichlorobenzidine  
 Concen: 25.06 ng  
 RT: 21.56 min Scan# 3101  
 Delta R.T. -0.01 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.6  | 53.1  | 79.7  |
| 126     | 11.3  | 7.0   | 10.4  |

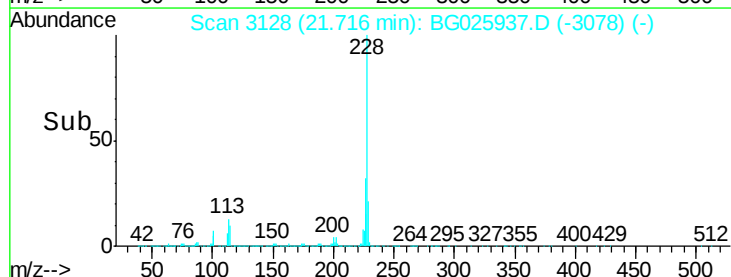
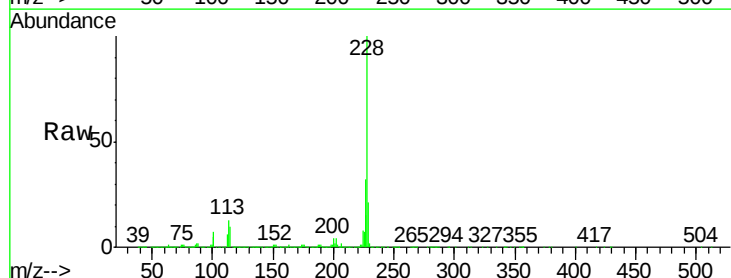
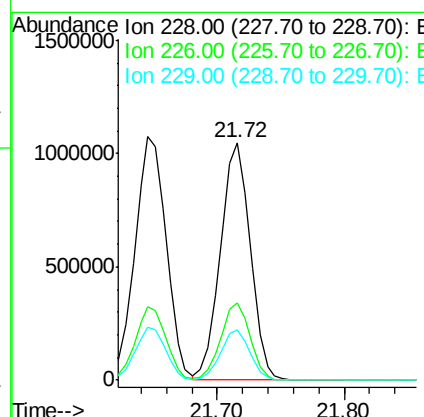
Manual Integrations  
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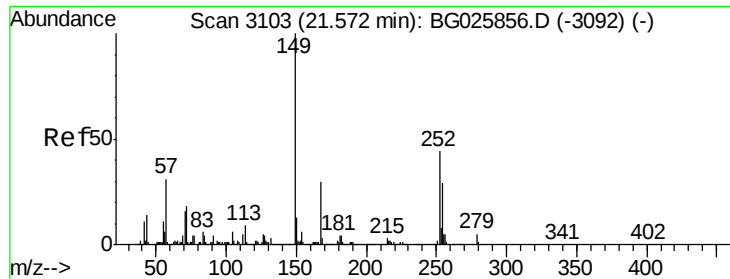
mohammad  
 2/27/2017 1:06:55 PM



#82  
 Chrysene  
 Concen: 38.51 ng  
 RT: 21.72 min Scan# 3128  
 Delta R.T. -0.01 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.4  | 27.0  | 40.4  |
| 229     | 21.0  | 17.8  | 26.6  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.40 ng

RT: 21.55 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

ClientSampleId :

PB97155BSD

Tgt Ion:149 Resp: 1219098

Ion Ratio Lower Upper

149 100

167 30.3 23.7 35.5

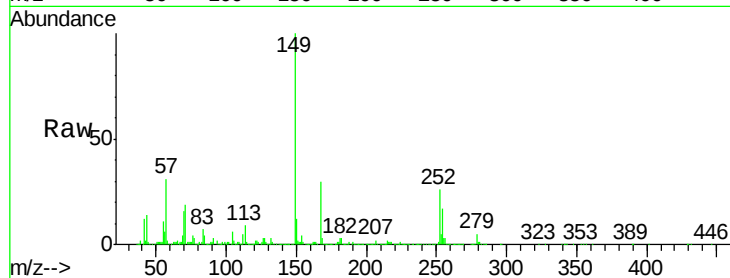
279 4.6 4.6 6.8

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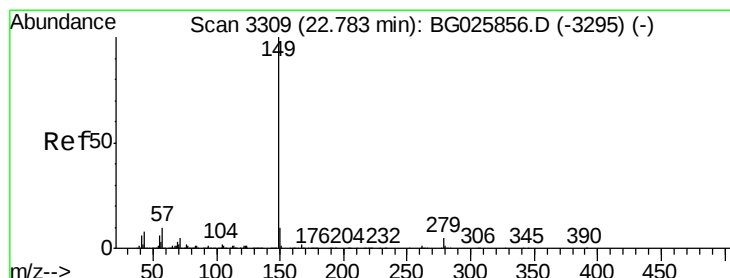
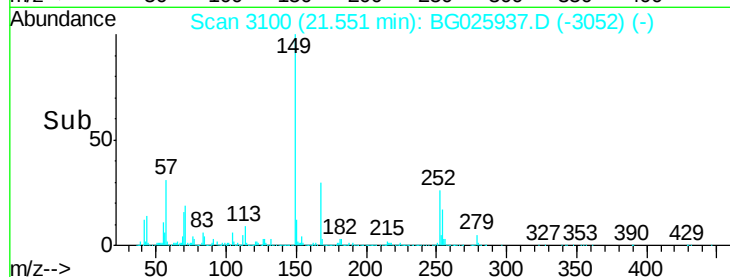
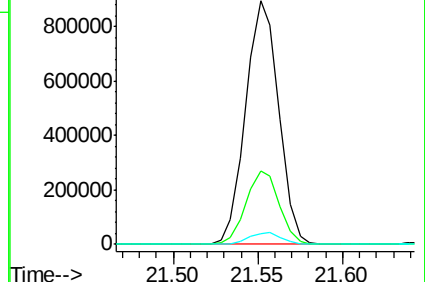
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.44 ng

RT: 22.76 min Scan# 3305

Delta R.T. -0.03 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

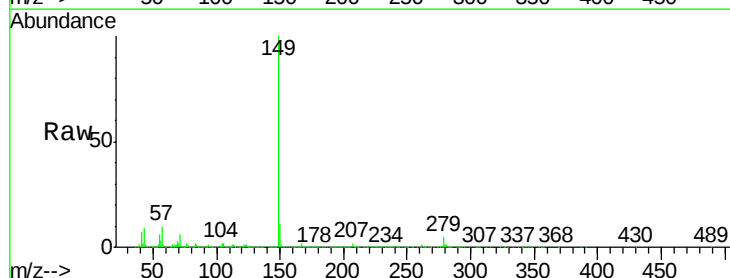
Tgt Ion:149 Resp: 2106087

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

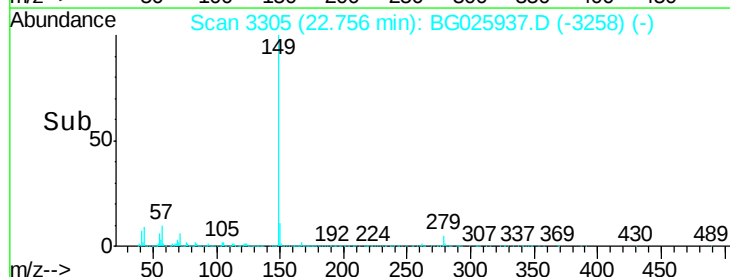
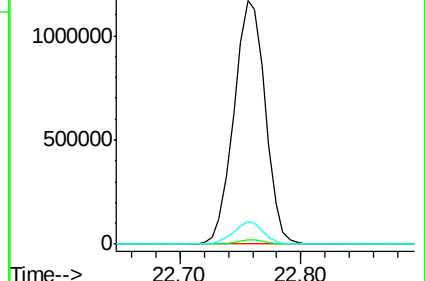
43 8.4 11.8 17.6#

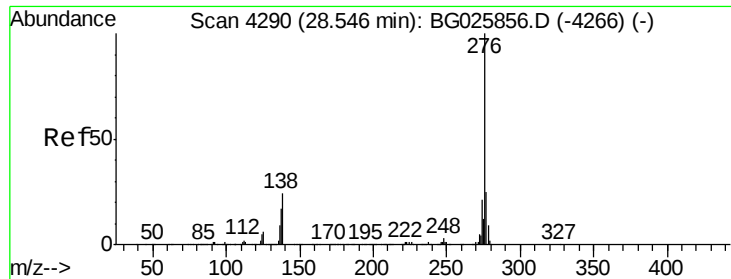


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





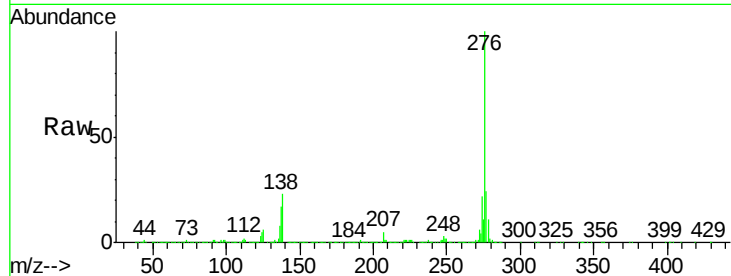
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.43 ng  
 RT: 28.53 min Scan# 4288  
 Delta R.T. -0.01 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97155BSD

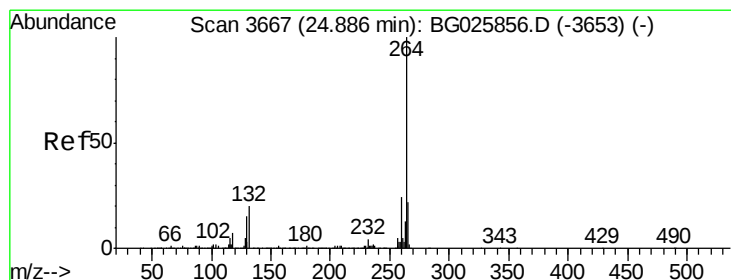
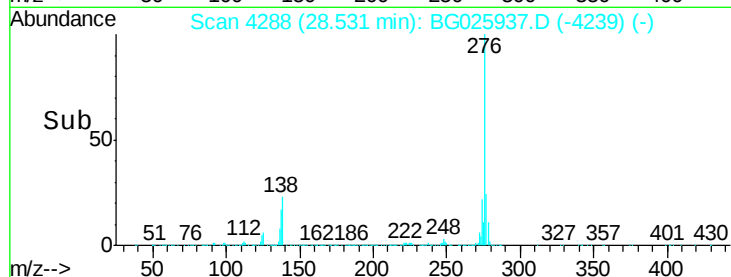
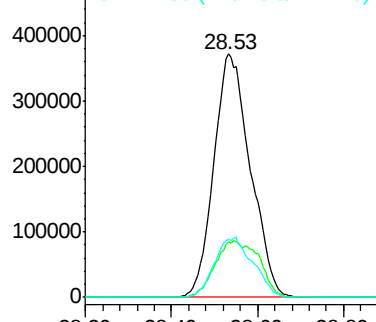
Tgt Ion: 276 Resp: 2222919  
 Ion Ratio Lower Upper  
 276 100  
 138 27.8 4.7 7.1#  
 277 26.2 20.6 31.0

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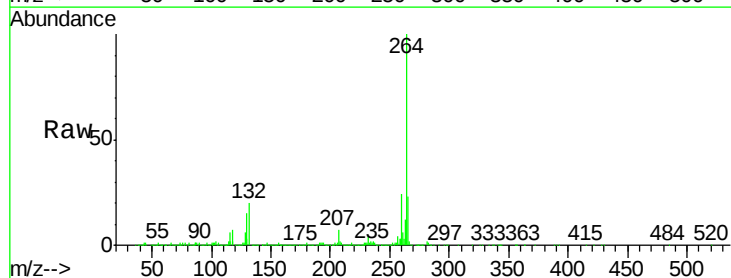


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

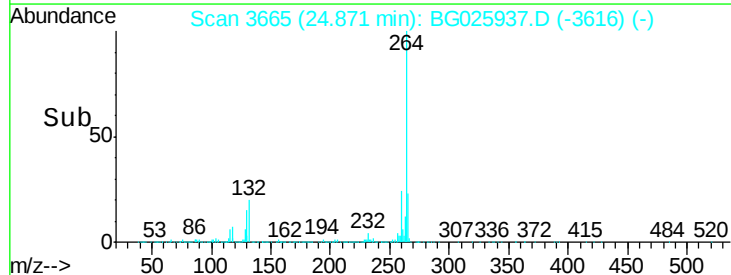
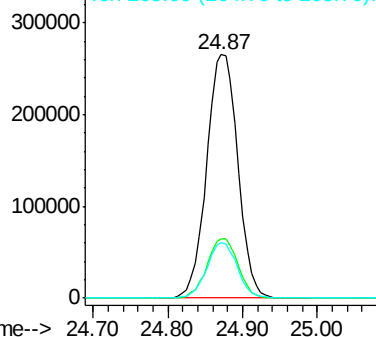


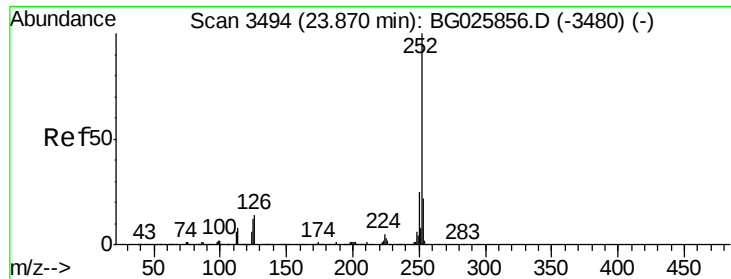
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.87 min Scan# 3665  
 Delta R.T. -0.01 min  
 Lab File: BG025937.D  
 Acq: 24 Feb 2017 18:19

Tgt Ion: 264 Resp: 767902  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 21.8 32.8  
 265 23.0 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.84 ng

RT: 23.85 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

ClientSampleId :

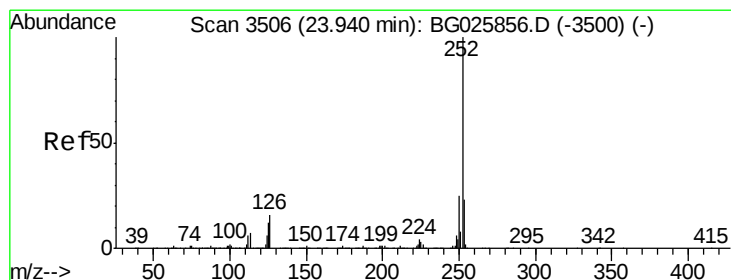
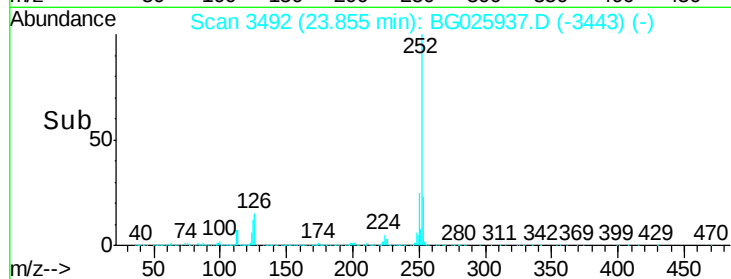
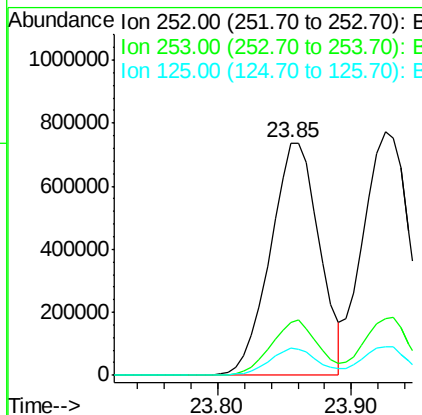
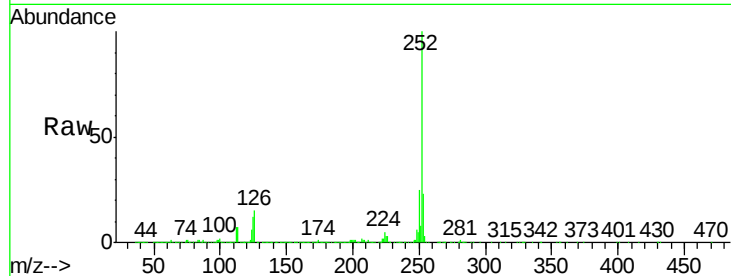
PB97155BSD

Tgt Ion:252 Resp: 1878448

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.8  | 18.7  | 28.1  |
| 125 | 11.8  | 5.3   | 7.9#  |

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#88

Benzo(k)fluoranthene

Concen: 41.34 ng

RT: 23.93 min Scan# 3504

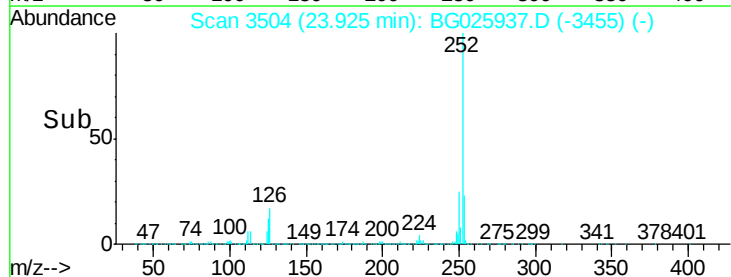
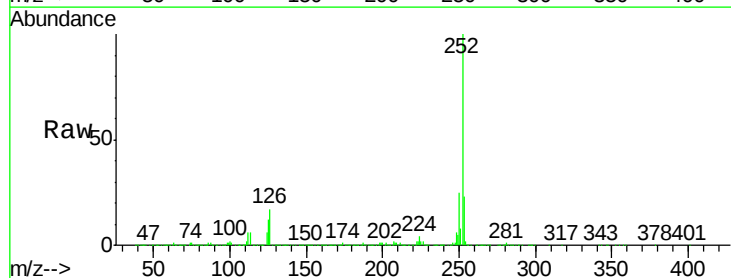
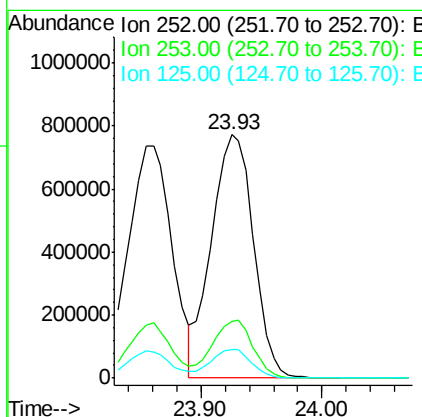
Delta R.T. -0.01 min

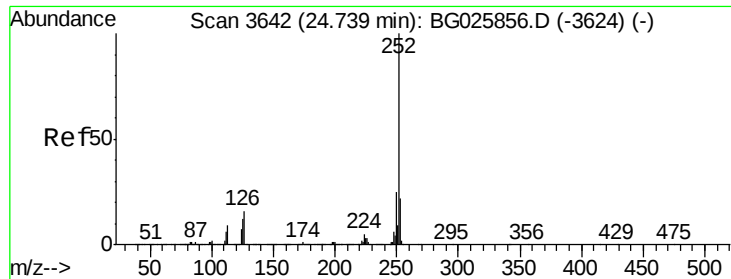
Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Tgt Ion:252 Resp: 1854899

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.2  | 20.2  | 30.2  |
| 125 | 11.7  | 5.1   | 7.7#  |





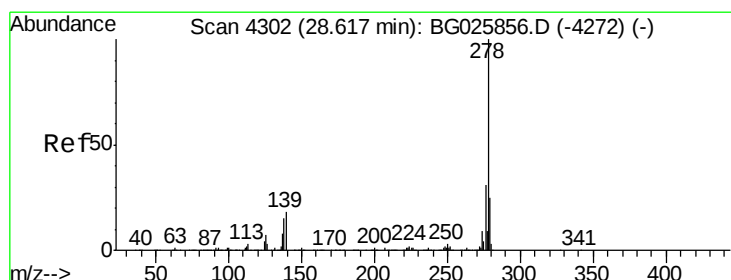
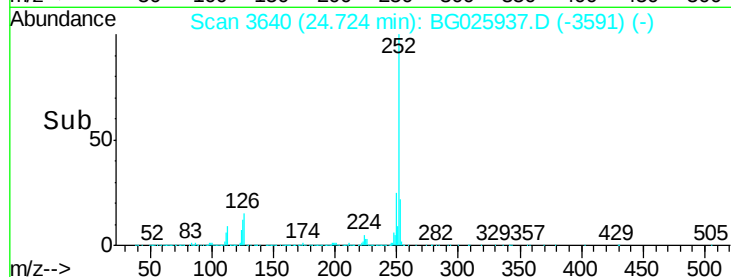
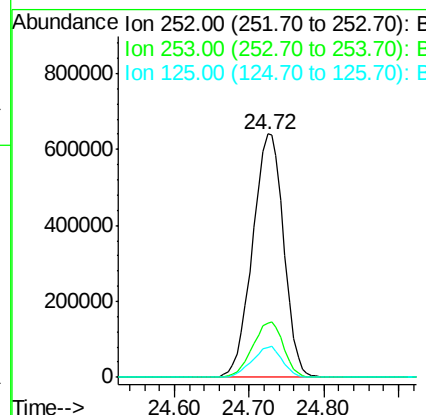
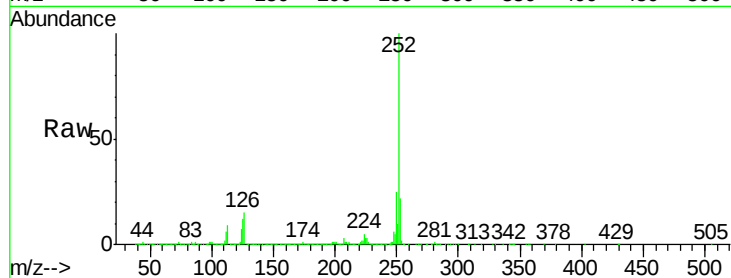
#89  
Benzo(a)pyrene  
Concen: 42.43 ng  
RT: 24.72 min Scan# 3640  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB97155BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 19.2  | 28.8  |
| 125     | 12.2  | 5.4   | 8.0#  |

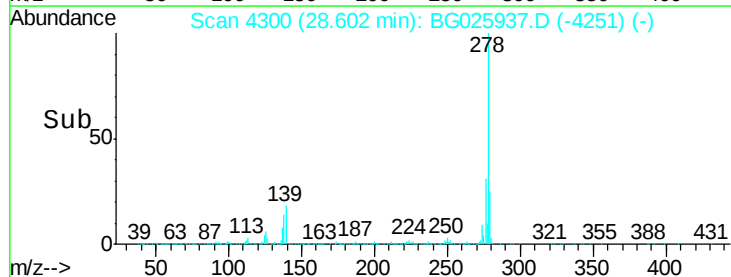
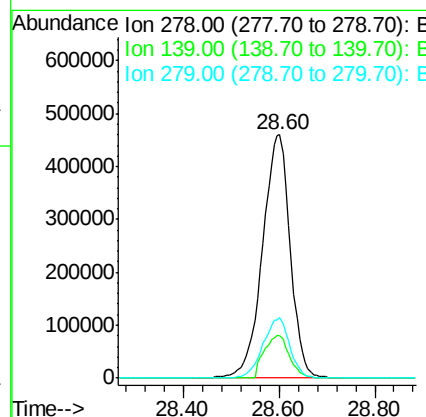
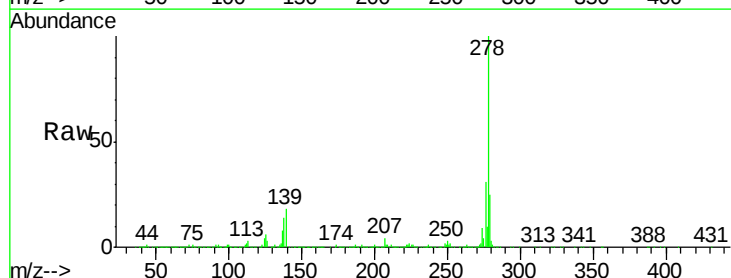
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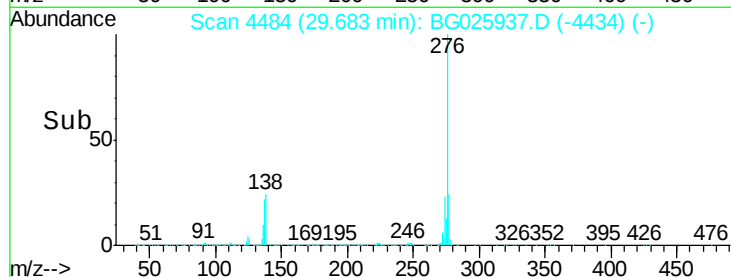
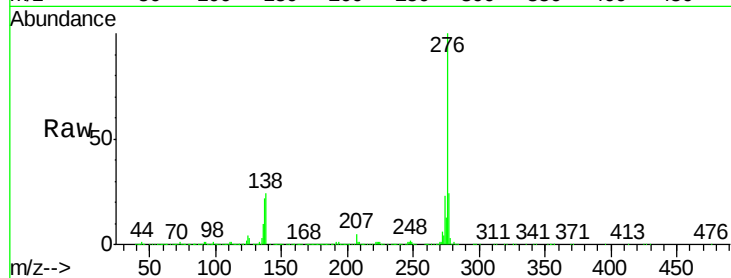
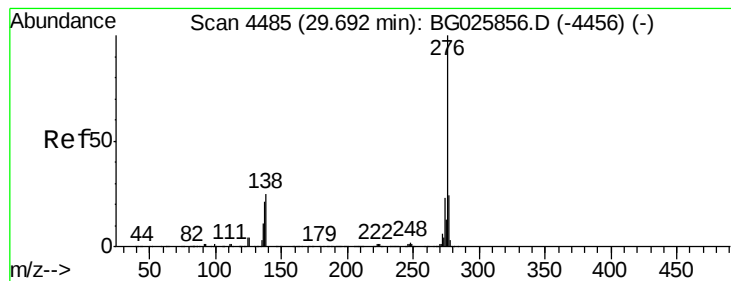
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#90  
Dibenzo(a,h)anthracene  
Concen: 42.13 ng  
RT: 28.60 min Scan# 4300  
Delta R.T. -0.01 min  
Lab File: BG025937.D  
Acq: 24 Feb 2017 18:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.8  | 7.7   | 11.5# |
| 279     | 24.9  | 19.1  | 28.7  |





#91

Benzo(g,h,i)perylene

Concen: 42.09 ng

RT: 29.68 min Scan# 4484

Delta R.T. -0.01 min

Lab File: BG025937.D

Acq: 24 Feb 2017 18:19

Instrument :

BNA\_G

ClientSampleId :

PB97155BSD

Tgt Ion: 276 Resp: 1846423

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 24.1 8.1 12.1#

Manual Integrations

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