

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\  
 Data File : BG027219.D  
 Acq On : 5 Jun 2017 19:15  
 Operator : SJ/MA  
 Sample : PB99457BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB99457BS

Manual Integrations  
 APPROVED

mohammad  
 6/6/2017 5:14:07 PM

Quant Time: Jun 06 04:31:15 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 16:00:35 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.58  | 152  | 54852    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.40 | 136  | 269911   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.16 | 164  | 177126   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.91 | 188  | 399610   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.30 | 240  | 434889   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.01 | 264  | 404615   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 6.15  | 112 | 568993  | 158.29 | ng | 0.00 |
| 7) Phenol-d6             | 7.71  | 99  | 797332  | 151.11 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.74  | 82  | 404375  | 94.22  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.64 | 330 | 340990  | 146.19 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.78 | 172 | 1123766 | 88.76  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.48 | 244 | 1493350 | 87.60  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 4.16  | 88  | 48456  | 32.51  | ng | # 80   |
| 3) Pyridine                    | 4.54  | 79  | 154158 | 33.55  | ng | # 73   |
| 4) n-Nitrosodimethylamine      | 4.45  | 42  | 72721  | 42.75  | ng | # 52   |
| 6) Aniline                     | 7.90  | 93  | 182173 | 27.42  | ng | # 90   |
| 8) 2-Chlorophenol              | 8.14  | 128 | 200957 | 52.94  | ng | 89     |
| 9) Benzaldehyde                | 7.72  | 77  | 104281 | 28.58  | ng | 83     |
| 10) Phenol                     | 7.74  | 94  | 285076 | 52.83  | ng | # 75   |
| 11) bis(2-Chloroethyl)ether    | 7.98  | 93  | 188973 | 42.69  | ng | 83     |
| 12) 1,3-Dichlorobenzene        | 8.46  | 146 | 177941 | 41.56  | ng | # 92   |
| 13) 1,4-Dichlorobenzene        | 8.61  | 146 | 182906 | 41.63  | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.93  | 146 | 180694 | 42.17  | ng | 93     |
| 15) Benzyl Alcohol             | 8.80  | 79  | 186507 | 50.17  | ng | # 81   |
| 16) 2,2'-oxybis(1-Chloropropan | 9.09  | 45  | 271812 | 42.91  | ng | 89     |
| 17) 2-Methylphenol             | 8.99  | 107 | 194413 | 50.97  | ng | # 86   |
| 18) Hexachloroethane           | 9.66  | 117 | 62406  | 42.17  | ng | # 86   |
| 19) n-Nitroso-di-n-propylamine | 9.37  | 70  | 161270 | 43.69  | ng | # 84   |
| 20) 3+4-Methylphenols          | 9.32  | 107 | 265039 | 50.16  | ng | 90     |
| 22) Acetophenone               | 9.39  | 105 | 303213 | 43.93  | ng | # 82   |
| 24) Nitrobenzene               | 9.78  | 77  | 220455 | 45.09  | ng | # 85   |
| 25) Isophorone                 | 10.31 | 82  | 446618 | 44.25  | ng | # 95   |
| 26) 2-Nitrophenol              | 10.49 | 139 | 93251  | 46.52  | ng | # 77   |
| 27) 2,4-Dimethylphenol         | 10.53 | 122 | 226973 | 52.31  | ng | 91     |
| 28) bis(2-Chloroethoxy)methane | 10.77 | 93  | 289130 | 44.25  | ng | 99     |
| 29) 2,4-Dichlorophenol         | 11.03 | 162 | 208561 | 52.65  | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 11.25 | 180 | 190663 | 43.47  | ng | 99     |
| 31) Naphthalene                | 11.45 | 128 | 628344 | 42.60  | ng | 100    |
| 32) Benzoic acid               | 10.66 | 122 | 136362 | 45.86  | ng | # 84   |
| 33) 4-Chloroaniline            | 11.54 | 127 | 49401  | 8.04   | ng | # 88   |
| 34) Hexachlorobutadiene        | 11.72 | 225 | 112226 | 41.63  | ng | 97     |
| 35) Caprolactam                | 12.33 | 113 | 69775m | 51.36  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.61 | 107 | 247120 | 49.77  | ng | 90     |
| 37) 2-Methylnaphthalene        | 13.01 | 142 | 471788 | 43.84  | ng | # 93   |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.36 | 216 | 235792 | 42.73  | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 13.35 | 237 | 315740 | 107.51 | ng | 96     |

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB99457BS

Manual Integrations  
 APPROVED

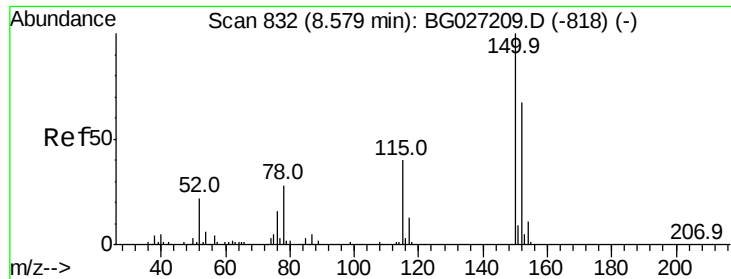
mohammad  
 6/6/2017 5:14:07 PM

Quant Time: Jun 06 04:31:15 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 16:00:35 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.59 | 196  | 167735   | 50.12 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.66 | 196  | 181998   | 48.60 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 13.99 | 154  | 635172   | 43.93 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 14.05 | 162  | 481347   | 44.41 | nq    | 98       |
| 47) 2-Nitroaniline             | 14.23 | 65   | 138151   | 45.27 | nq    | # 76     |
| 48) Acenaphthylene             | 14.89 | 152  | 776284   | 42.32 | nq    | 99       |
| 49) Dimethylphthalate          | 14.60 | 163  | 648976   | 46.19 | nq    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.72 | 165  | 130457   | 45.97 | nq    | # 77     |
| 51) Acenaphthene               | 15.22 | 154  | 550654   | 46.15 | nq    | 99       |
| 52) 3-Nitroaniline             | 15.04 | 138  | 44936    | 18.94 | nq    | 86       |
| 53) 2,4-Dinitrophenol          | 15.25 | 184  | 127047   | 88.24 | nq    | 93       |
| 54) Dibenzofuran               | 15.56 | 168  | 775524   | 46.51 | nq    | 91       |
| 55) 4-Nitrophenol              | 15.33 | 139  | 232129   | 86.89 | nq    | # 53     |
| 56) 2,4-Dinitrotoluene         | 15.50 | 165  | 177765   | 48.58 | nq    | # 88     |
| 57) Fluorene                   | 16.20 | 166  | 623510   | 42.10 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.77 | 232  | 177115   | 52.98 | nq    | 99       |
| 59) Diethylphthalate           | 15.95 | 149  | 643484   | 45.91 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.18 | 204  | 326233   | 43.73 | nq    | 91       |
| 61) 4-Nitroaniline             | 16.21 | 138  | 132278   | 44.19 | nq    | # 65     |
| 62) Azobenzene                 | 16.48 | 77   | 624527   | 48.08 | nq    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 16.26 | 198  | 91164    | 50.42 | nq    | 94       |
| 65) n-Nitrosodiphenylamine     | 16.40 | 169  | 565239   | 45.12 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 17.08 | 248  | 215754   | 45.62 | nq    | 95       |
| 67) Hexachlorobenzene          | 17.21 | 284  | 227455   | 44.71 | nq    | # 89     |
| 68) Atrazine                   | 17.34 | 200  | 196753   | 46.96 | nq    | 98       |
| 69) Pentachlorophenol          | 17.55 | 266  | 276491   | 92.72 | nq    | 97       |
| 70) Phenanthrene               | 17.95 | 178  | 989520   | 44.01 | nq    | 97       |
| 71) Anthracene                 | 18.04 | 178  | 1000338  | 44.41 | nq    | 99       |
| 72) Carbazole                  | 18.31 | 167  | 860093   | 40.49 | nq    | 95       |
| 73) Di-n-butylphthalate        | 18.84 | 149  | 964258   | 46.81 | nq    | # 93     |
| 74) Fluoranthene               | 19.94 | 202  | 1057144  | 44.01 | nq    | 95       |
| 76) Benzidine                  | 20.10 | 184  | 231955   | 17.71 | nq    | 96       |
| 77) Pyrene                     | 20.30 | 202  | 1089548  | 41.47 | nq    | 97       |
| 79) Butylbenzylphthalate       | 21.20 | 149  | 432178   | 46.55 | nq    | 91       |
| 80) Benzo(a)anthracene         | 22.28 | 228  | 1081889  | 43.62 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 22.17 | 252  | 161479   | 16.74 | nq    | 98       |
| 82) Chrysene                   | 22.35 | 228  | 1021419  | 42.90 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 22.15 | 149  | 629237   | 44.85 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 23.55 | 149  | 1080524  | 46.50 | nq    | # 88     |
| 85) Indeno(1,2,3-cd)pyrene     | 30.29 | 276  | 1300275  | 45.09 | nq    | # 94     |
| 87) Benzo(b)fluoranthene       | 24.82 | 252  | 1103593  | 43.98 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 24.90 | 252  | 1093847  | 44.43 | nq    | # 93     |
| 89) Benzo(a)pyrene             | 25.84 | 252  | 1065361  | 45.10 | nq    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 30.38 | 278  | 1113216  | 45.02 | nq    | # 96     |
| 91) Benzo(g,h,i)perylene       | 31.64 | 276  | 1063285  | 44.40 | nq    | # 91     |

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





#1

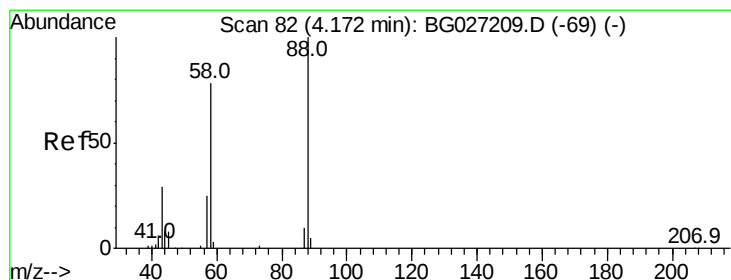
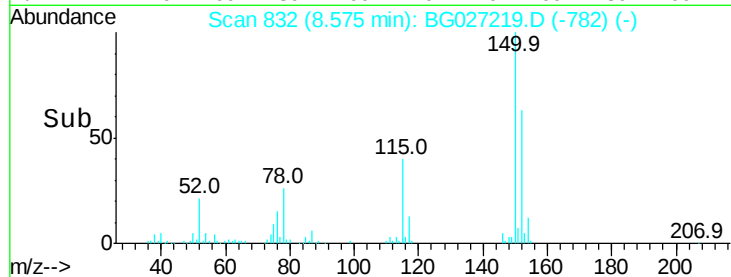
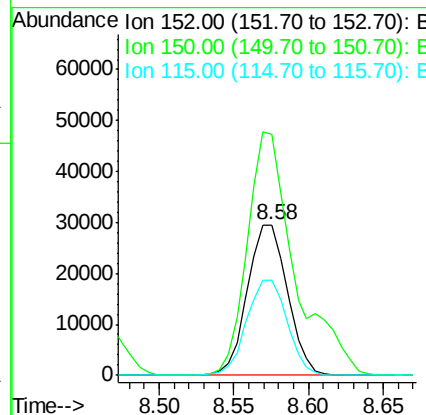
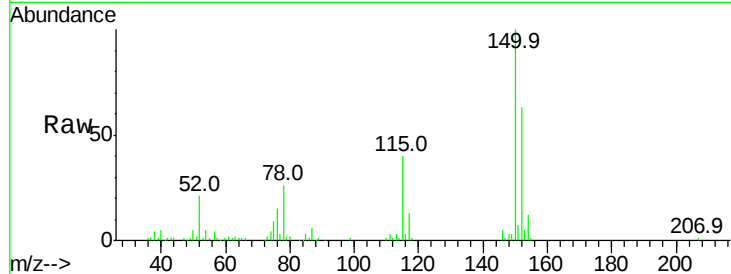
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.58 min Scan# 832  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.8 | 114.0 | 171.0 |
| 115     | 63.5  | 48.1  | 72.1  |

Manual Integrations  
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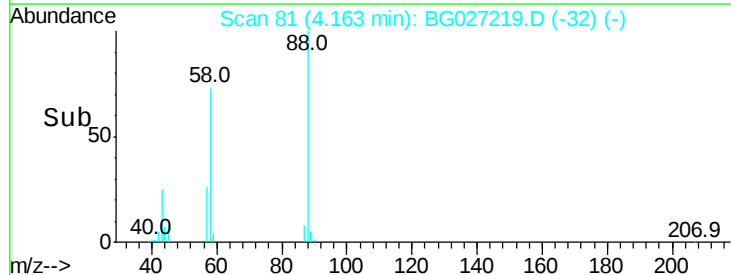
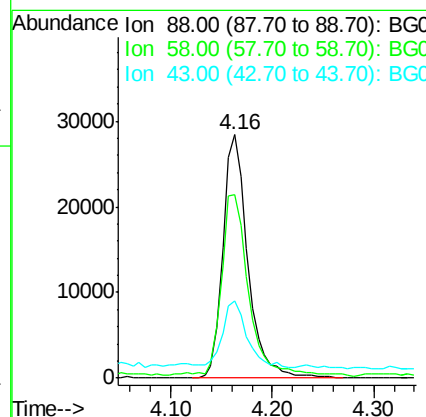
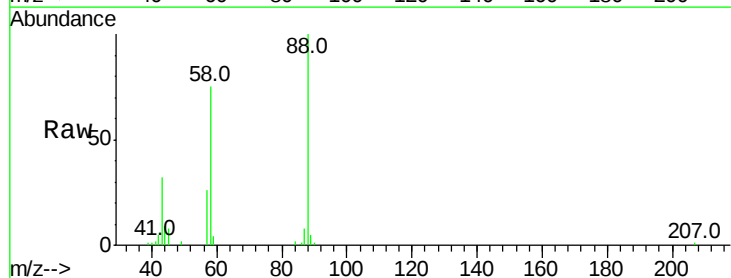
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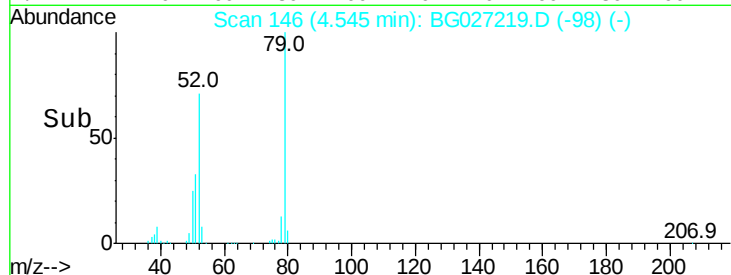
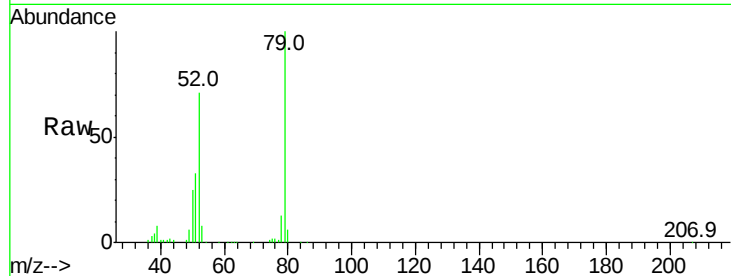


#2

1,4-Dioxane  
Concen: 32.51 ng  
RT: 4.16 min Scan# 81  
Delta R.T. -0.01 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.1  | 79.4  | 119.2 |
| 43      | 26.9  | 33.8  | 50.6# |





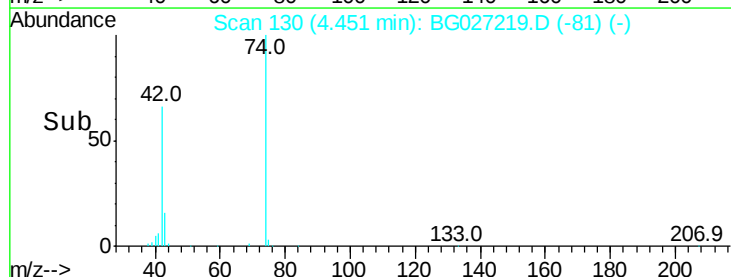
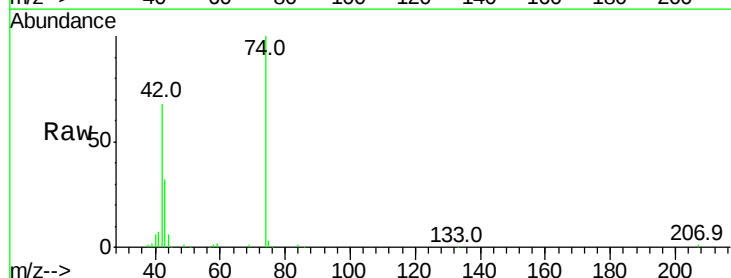
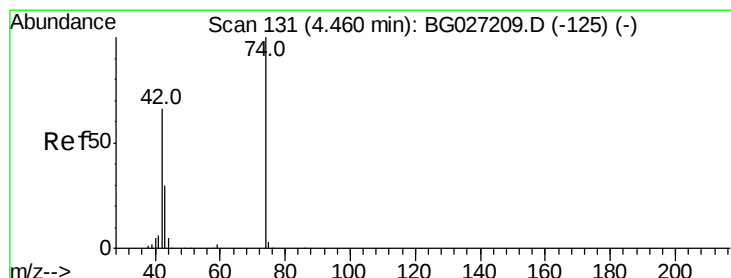
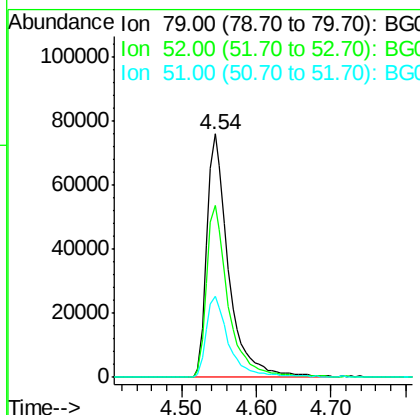
#3  
Pvridine  
Concen: 33.55 ng  
RT: 4.54 min Scan# 146  
Delta R.T. -0.02 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 79      | 100   |       |        |
| 52      | 70.8  | 77.8  | 116.6# |
| 51      | 33.4  | 43.2  | 64.8#  |

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

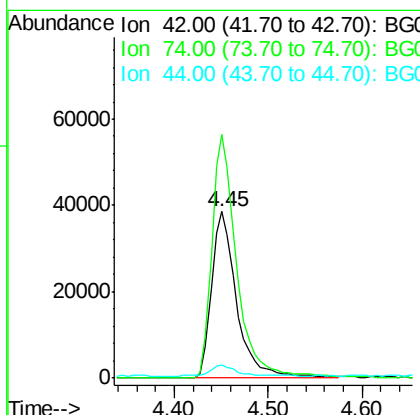
Manual Integrations  
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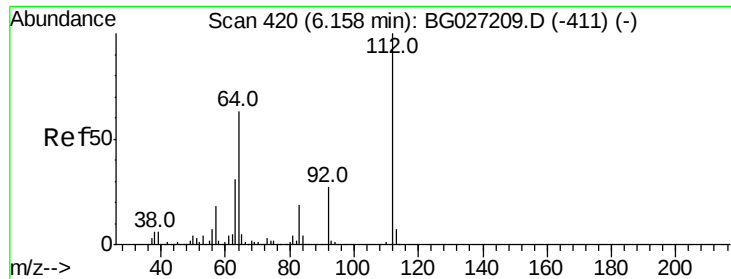
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#4  
n-Nitrosodimethylamine  
Concen: 42.75 ng  
RT: 4.45 min Scan# 130  
Delta R.T. -0.01 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 146.0 | 76.7  | 115.1# |
| 44      | 8.3   | 6.1   | 9.1    |





#5

2-Fluorophenol

Concen: 158.29 ng

RT: 6.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

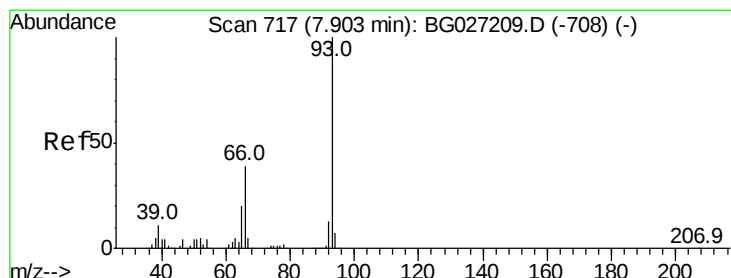
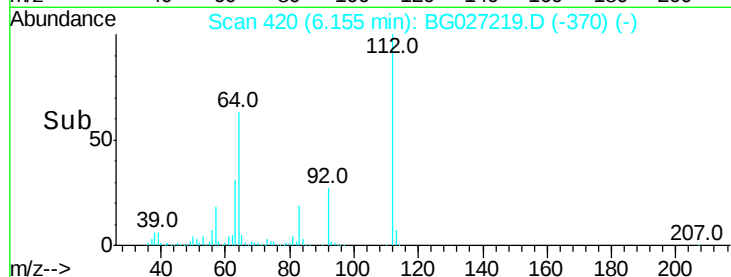
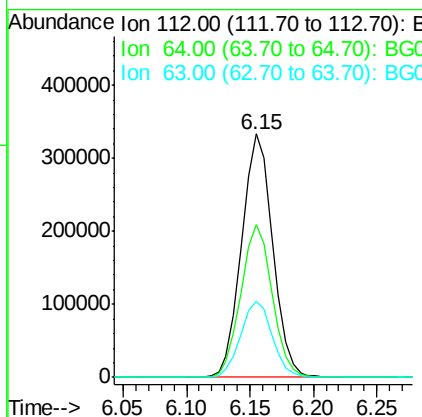
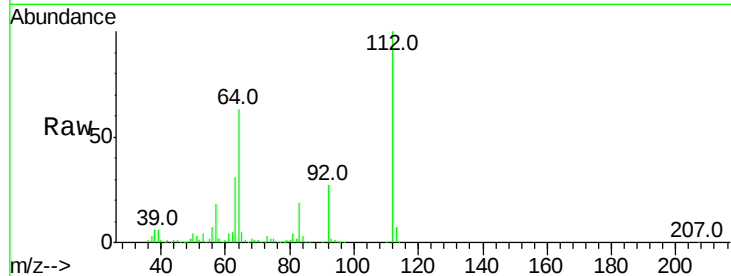
ClientSampleId :

PB99457BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 112     | 100   |            |            |
| 64      | 62.7  | 61.8       | 92.6       |
| 63      | 31.4  | 37.2       | 55.8#      |

Manual Integrations  
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#6

Aniline

Concen: 27.42 ng

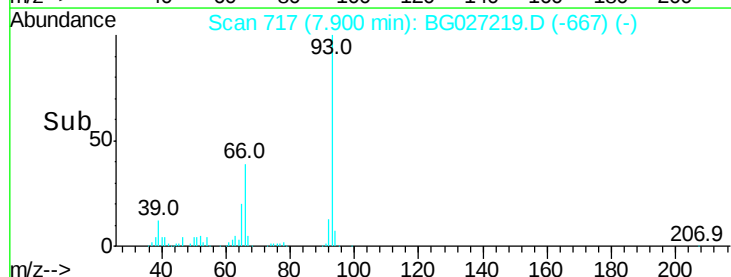
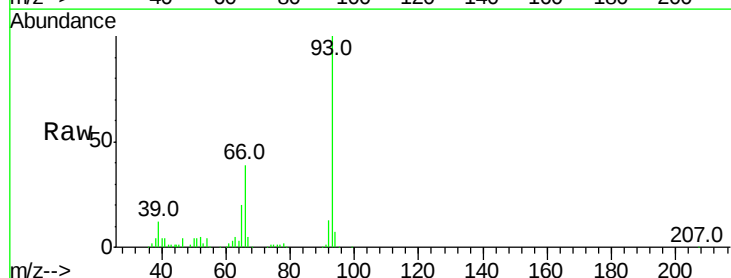
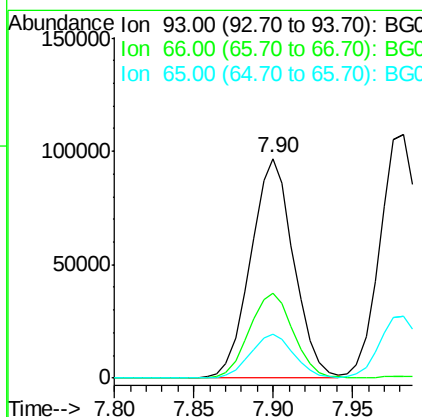
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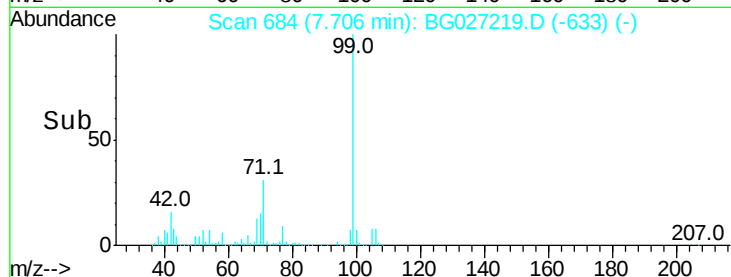
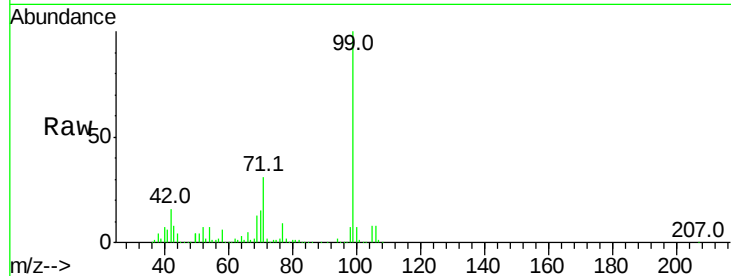
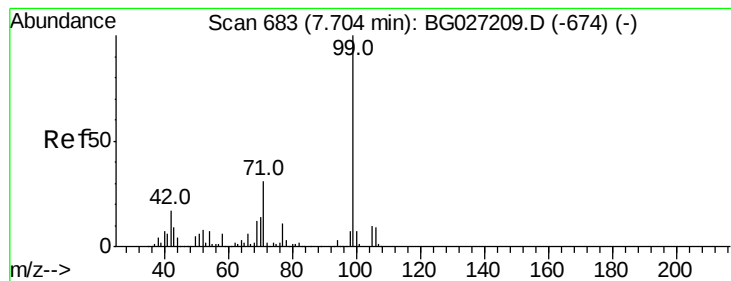
Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 66      | 38.8  | 35.4       | 53.2       |
| 65      | 19.7  | 21.2       | 31.8#      |





#7

Phenol-d6

Concen: 151.11 ng

RT: 7.71 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 99      | 100   | 797332 |       |       |
| 42      | 16.4  | 20.5   | 30.7# |       |
| 71      | 31.0  | 37.6   | 56.4# |       |

Instrument :

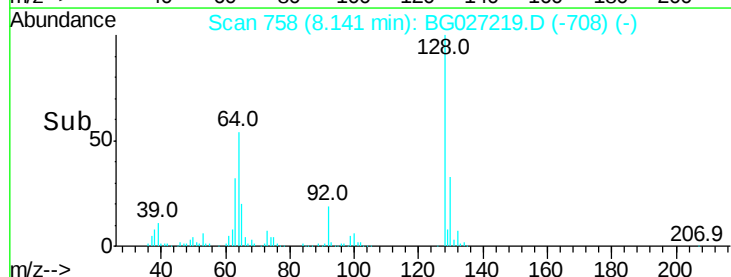
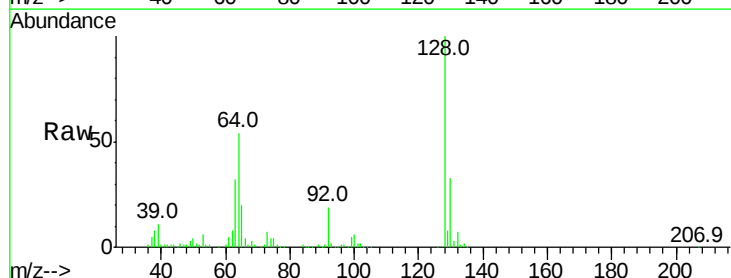
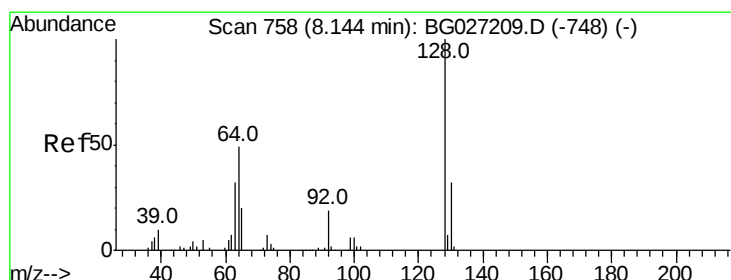
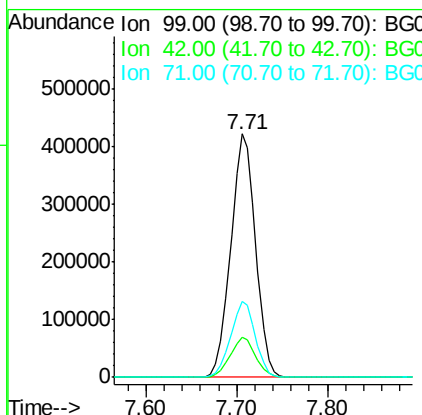
BNA\_G

ClientSampleId :

PB99457BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 52.94 ng

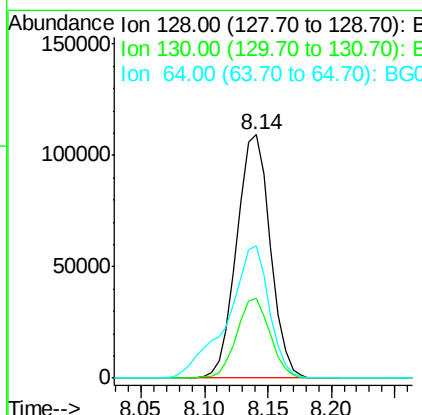
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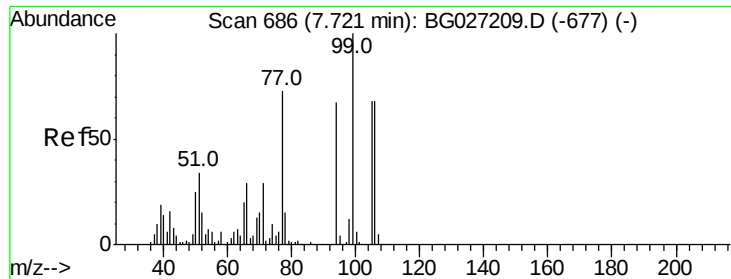
Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 200957 |       |       |
| 130     | 32.9  | 11.4   | 51.4  |       |
| 64      | 54.2  | 46.6   | 86.6  |       |





#9

Benzaldehyde

Concen: 28.58 ng

RT: 7.72 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

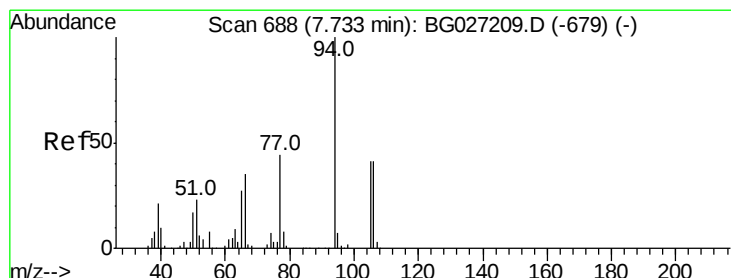
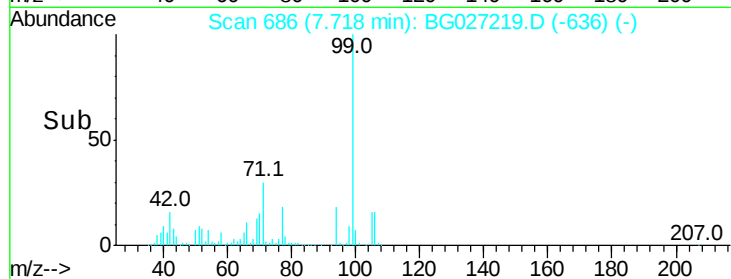
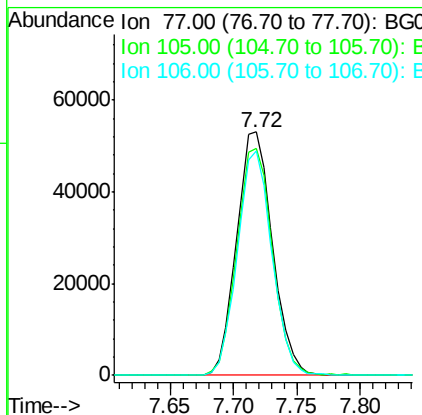
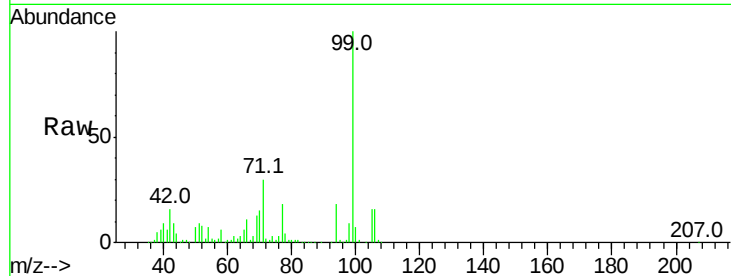
ClientSampleId :

PB99457BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 104281 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 93.4  | 60.9  | 100.9  |
| 106       | 92.0  | 55.1  | 95.1   |

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#10

Phenol

Concen: 52.83 ng

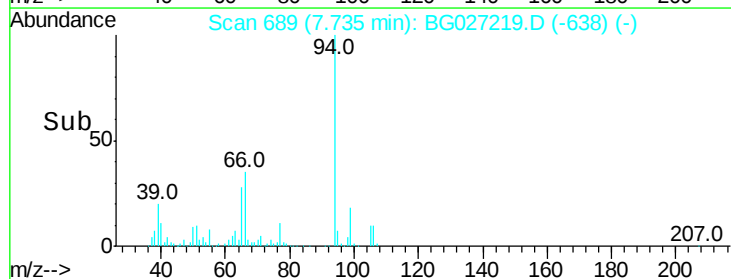
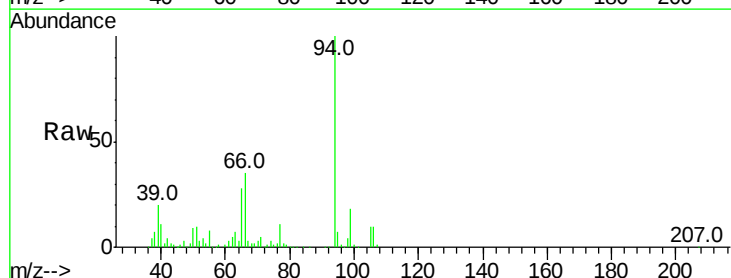
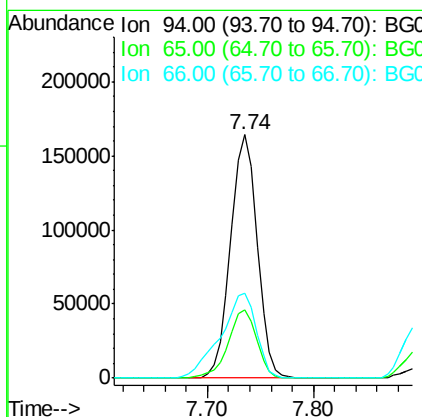
RT: 7.74 min Scan# 689

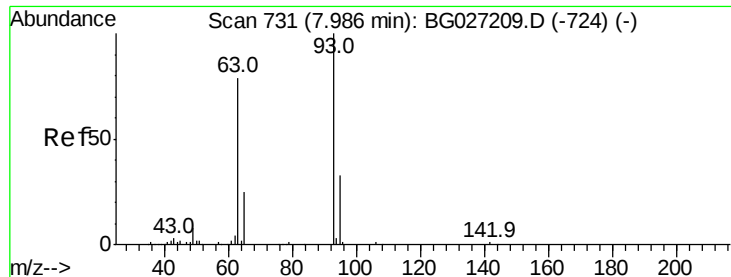
Delta R.T. 0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 285076 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 27.9  | 20.6  | 60.6   |
| 66        | 34.7  | 35.5  | 75.5#  |





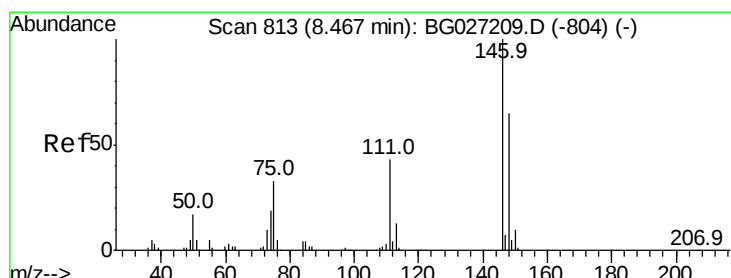
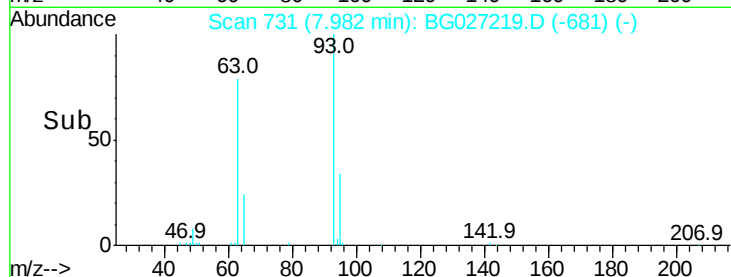
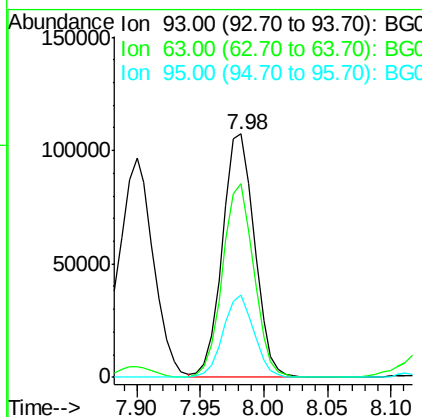
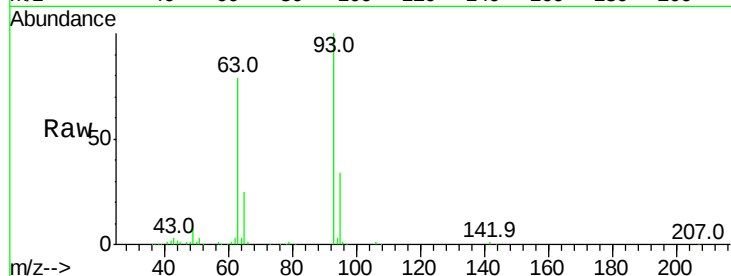
#11  
bis(2-Chloroethyl)ether  
Concen: 42.69 ng  
RT: 7.98 min Scan# 731  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 188973 |       |       |
| 63      | 79.3  |        | 78.5  | 118.5 |
| 95      | 33.8  |        | 9.8   | 49.8  |

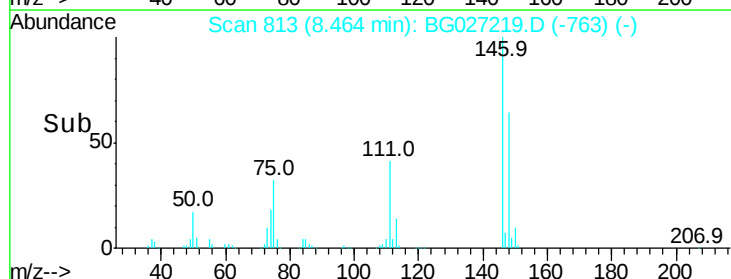
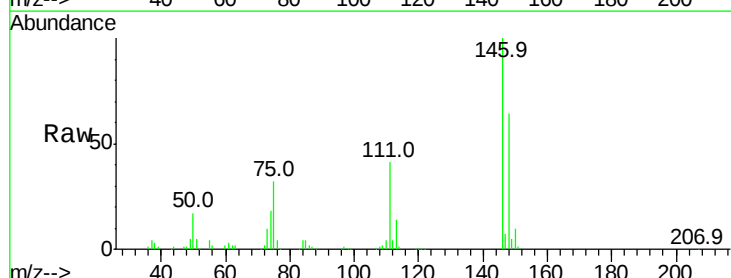
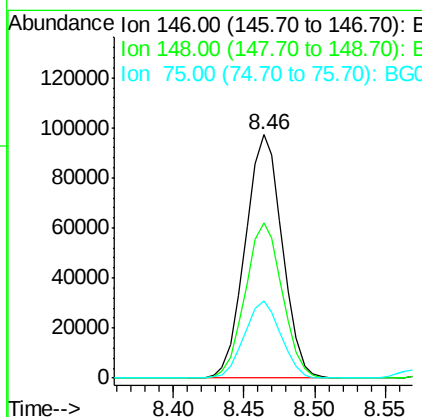
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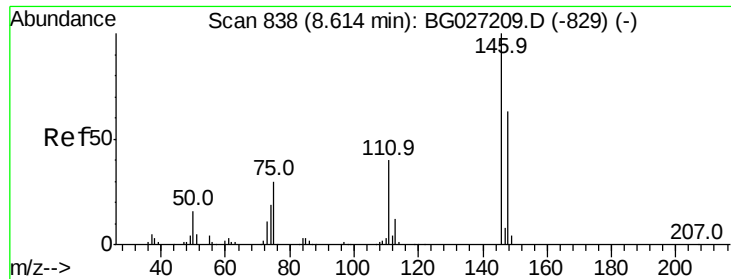
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 41.56 ng  
RT: 8.46 min Scan# 813  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 177941 |       |       |
| 148     | 63.9  |        | 49.2  | 73.8  |
| 75      | 32.0  |        | 33.4  | 50.2# |





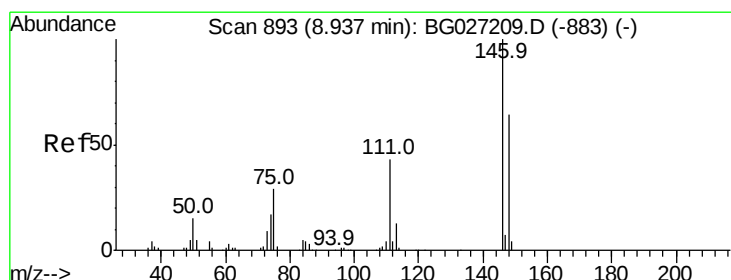
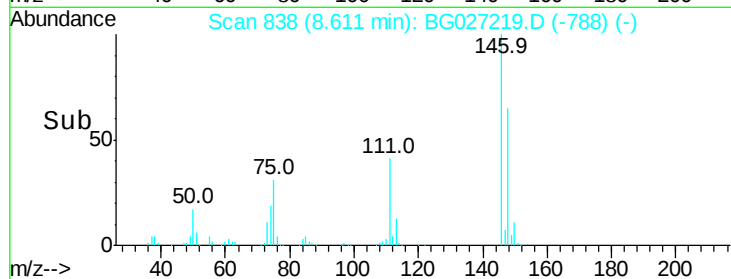
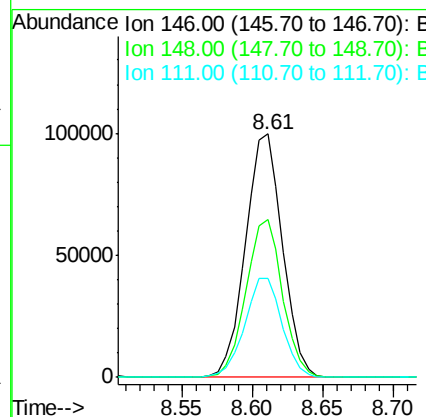
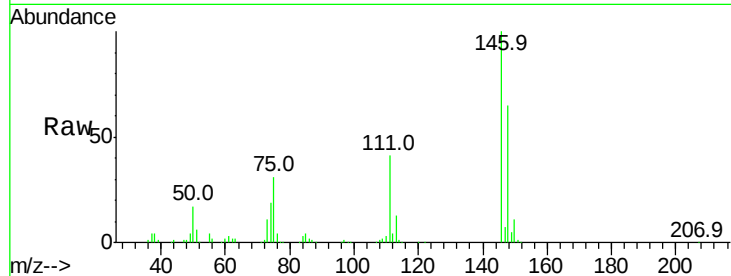
#13  
1,4-Dichlorobenzene  
Concen: 41.63 ng  
RT: 8.61 min Scan# 838  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampled :  
PB99457BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 182906 |       |       |
| 148     | 64.7  | 52.2   | 78.2  |       |
| 111     | 40.7  | 37.0   | 55.6  |       |

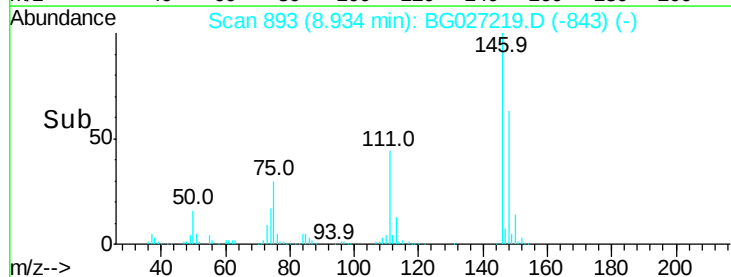
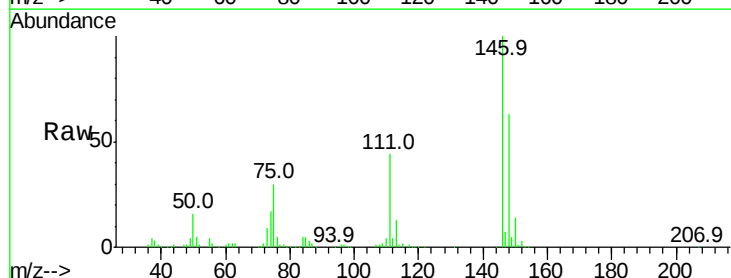
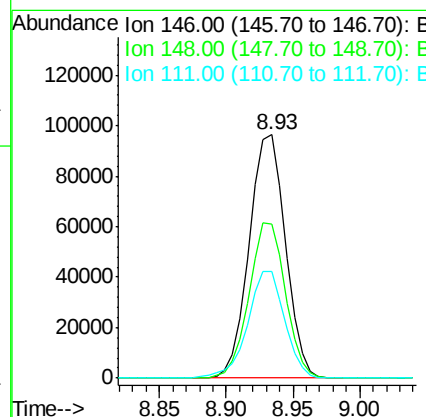
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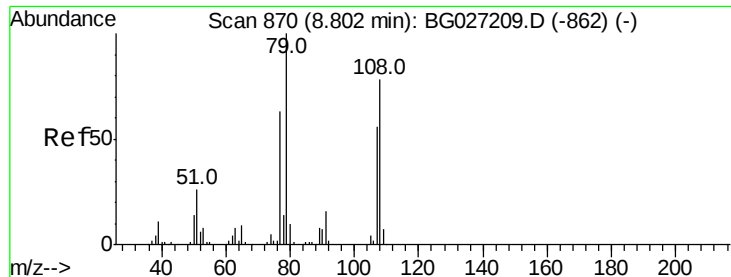
mohammad  
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#14  
1,2-Dichlorobenzene  
Concen: 42.17 ng  
RT: 8.93 min Scan# 893  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 180694 |       |       |
| 148     | 63.1  | 54.6   | 81.8  |       |
| 111     | 43.8  | 39.7   | 59.5  |       |





#15

Benzyl Alcohol

Concen: 50.17 ng

RT: 8.80 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

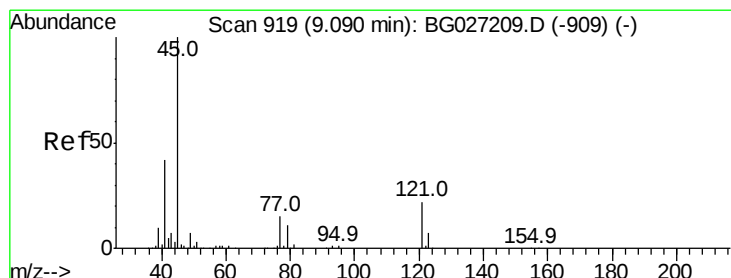
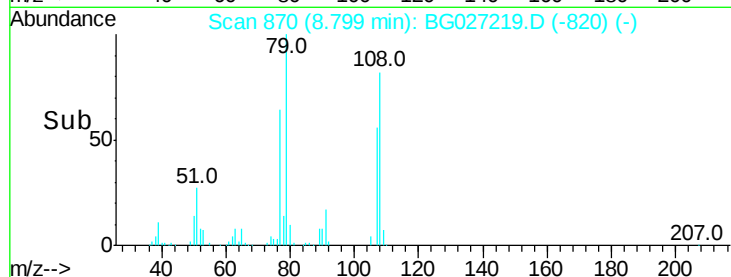
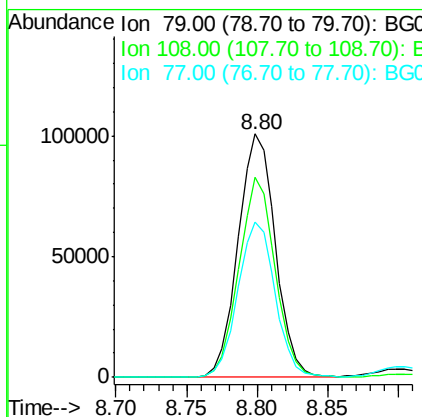
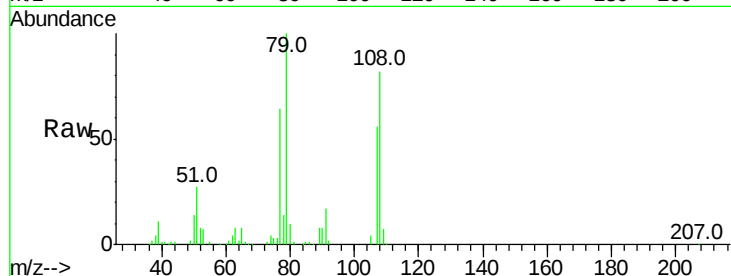
ClientSampled :

PB99457BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 186507 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 82.1  | 45.5  | 68.3#  |
| 77        | 63.5  | 54.3  | 81.5   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.91 ng

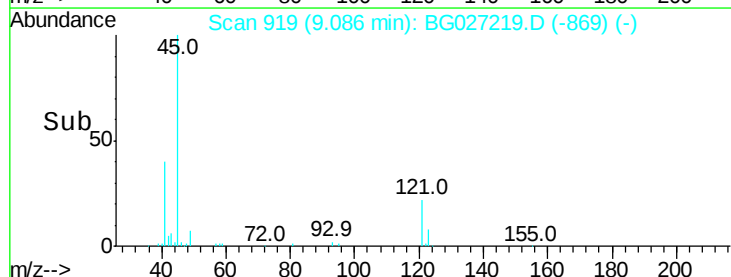
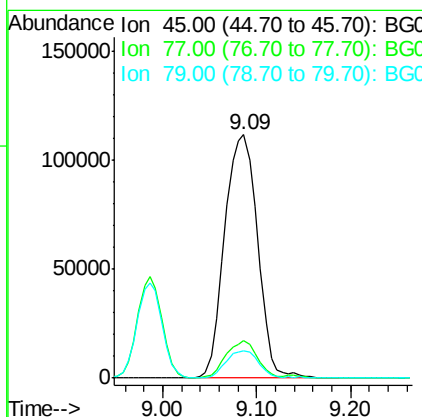
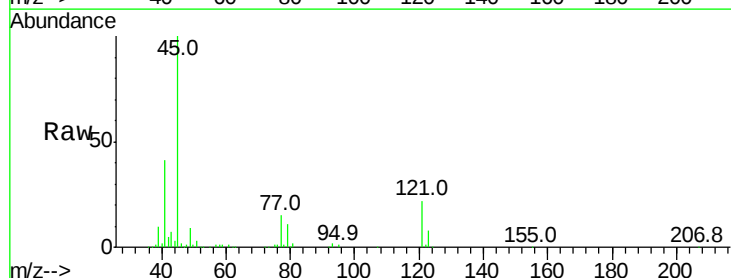
RT: 9.09 min Scan# 919

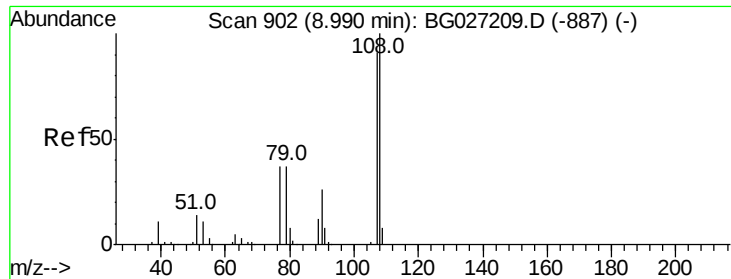
Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 271812 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.4  | 0.0   | 30.6   |
| 79        | 11.5  | 0.0   | 28.5   |





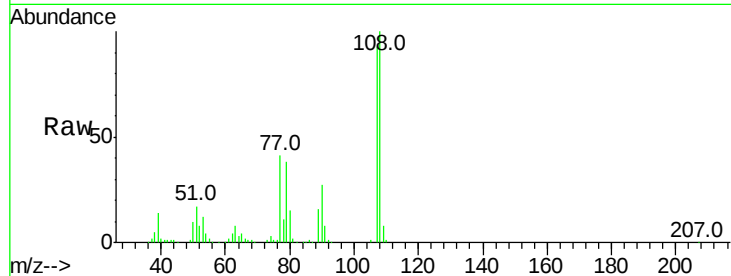
#17  
2-Methylphenol  
Concen: 50.97 ng  
RT: 8.99 min Scan# 902  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 194413 |       |       |
| 108     | 107.4 | 85.6   | 128.4 |       |
| 77      | 44.3  | 51.4   | 77.2# |       |
| 79      | 41.2  | 49.2   | 73.8# |       |

Manual Integrations  
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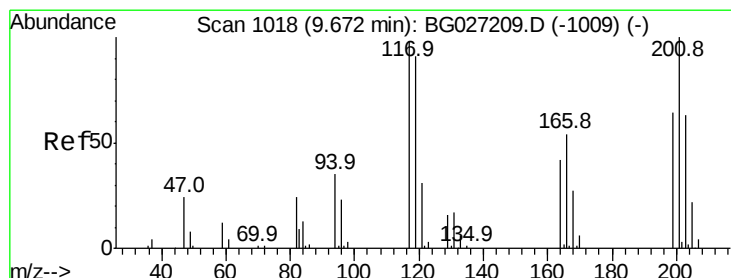
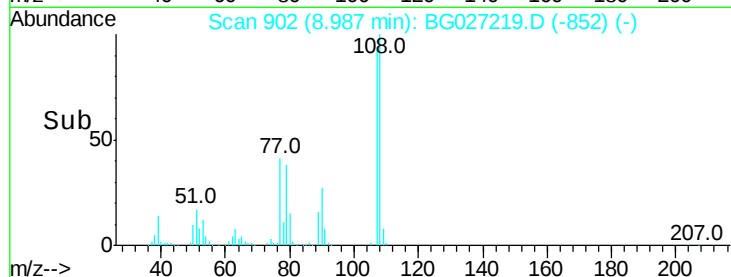
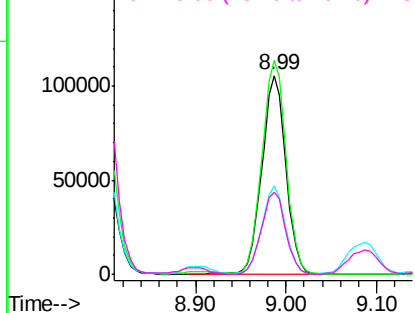
Abundance

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: 42.17 ng  
RT: 9.66 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

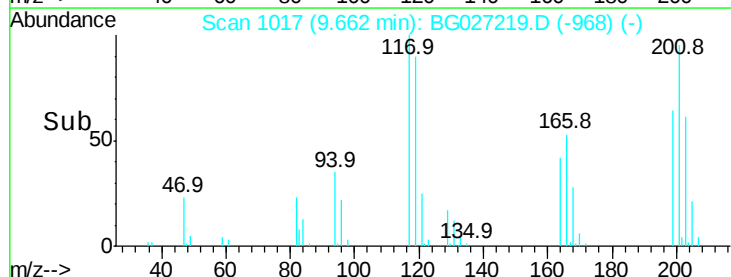
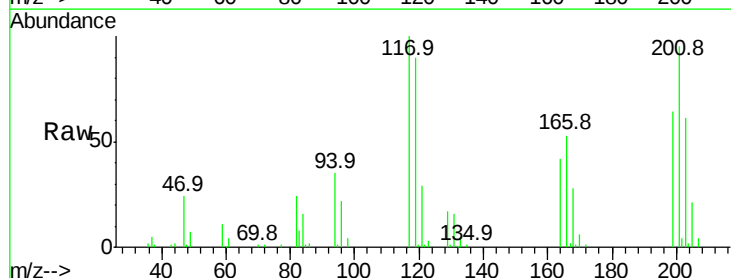
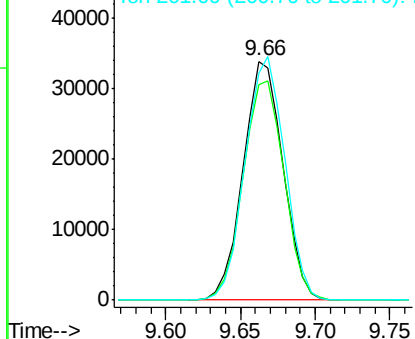
| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 117     | 100   | 62406 |        |       |
| 119     | 90.0  | 69.8  | 104.6  |       |
| 201     | 95.2  | 95.4  | 143.0# |       |

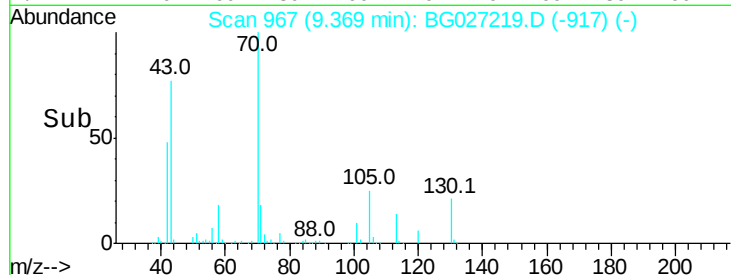
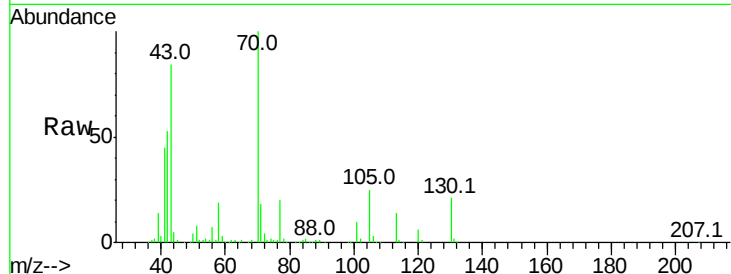
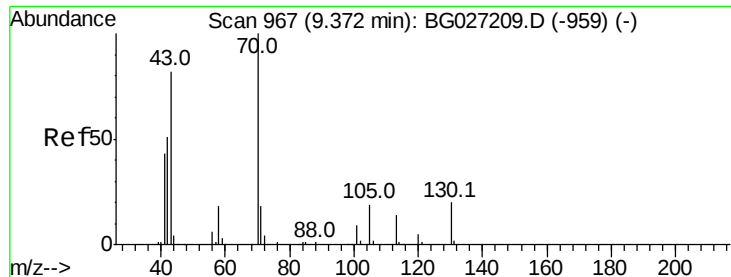
Abundance

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





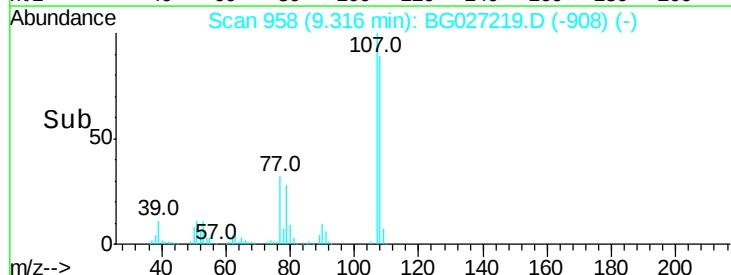
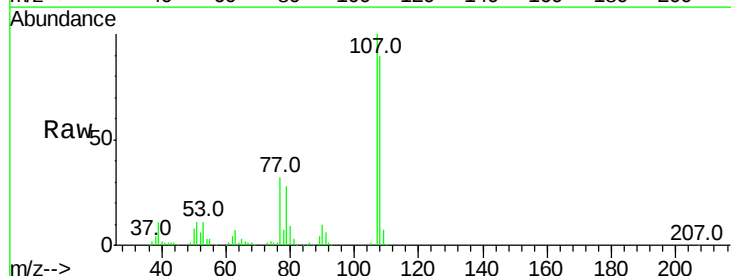
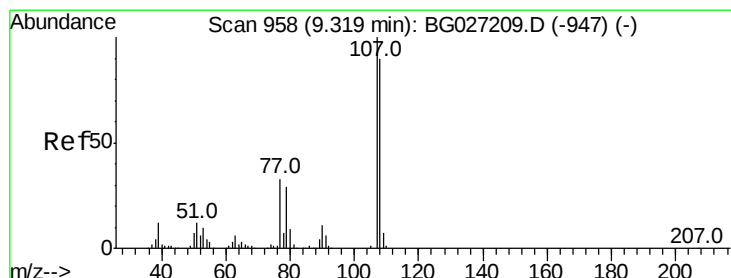
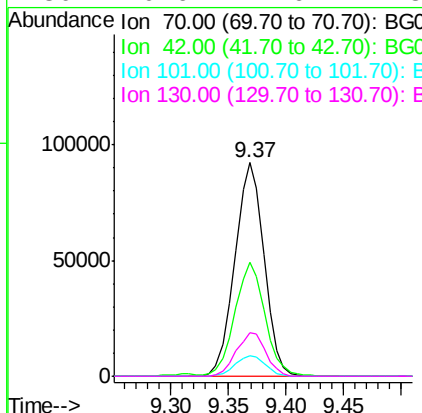
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.69 ng  
RT: 9.37 min Scan# 967  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 53.2 | 56.1  | 84.1# |       |
| 101     | 9.6  | 7.5   | 11.3  |       |
| 130     | 20.6 | 14.6  | 21.8  |       |

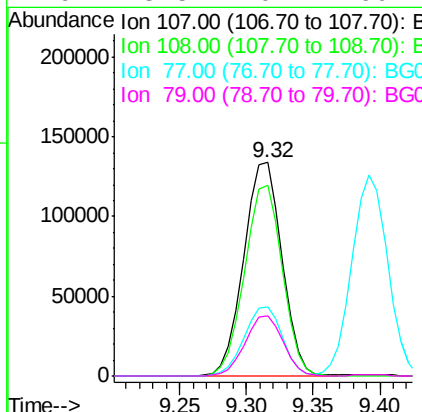
Manual Integrations  
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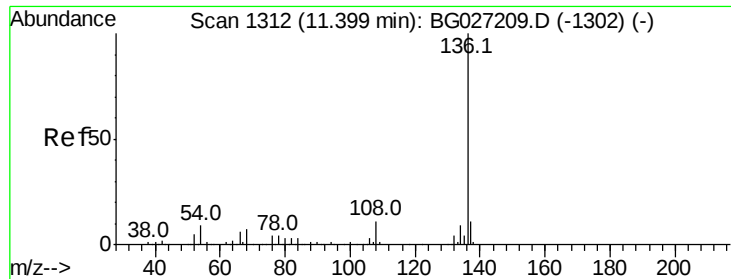
mohammad  
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#20  
3+4-Methylphenols  
Concen: 50.16 ng  
RT: 9.32 min Scan# 958  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 89.6 | 70.8  | 110.8 |       |
| 77      | 32.4 | 25.8  | 65.8  |       |
| 79      | 28.5 | 20.1  | 60.1  |       |





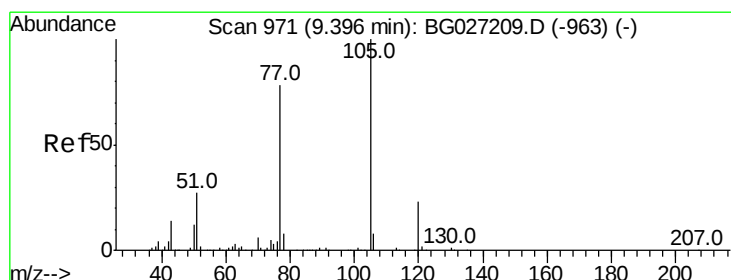
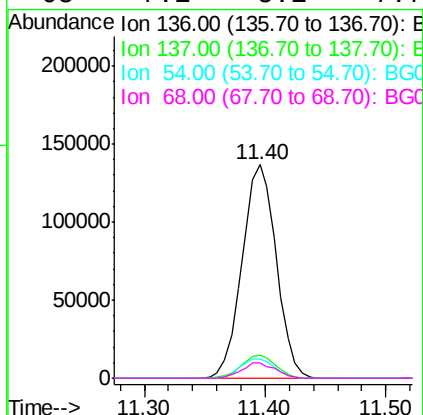
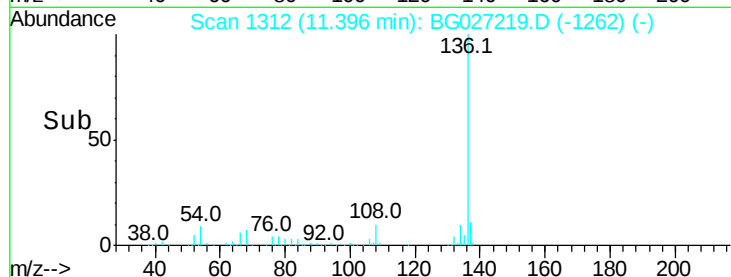
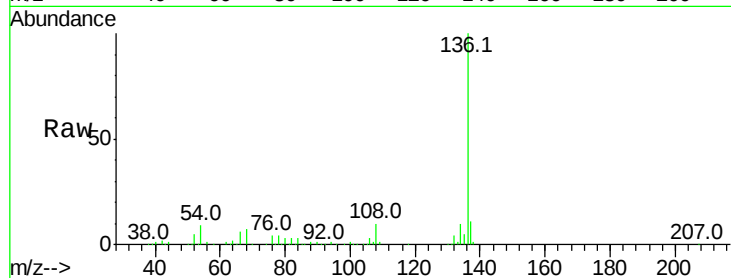
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.40 min Scan# 1312  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 269911 |       |       |
| 137     | 10.9  | 8.9    | 13.3  |       |
| 54      | 8.9   | 9.3    | 13.9  |       |
| 68      | 7.1   | 5.1    | 7.7   |       |

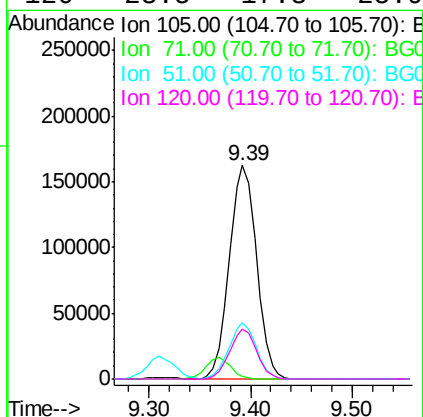
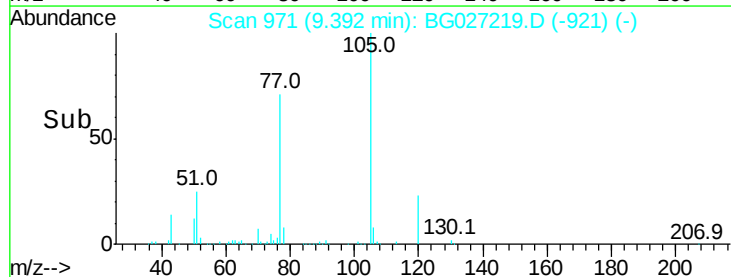
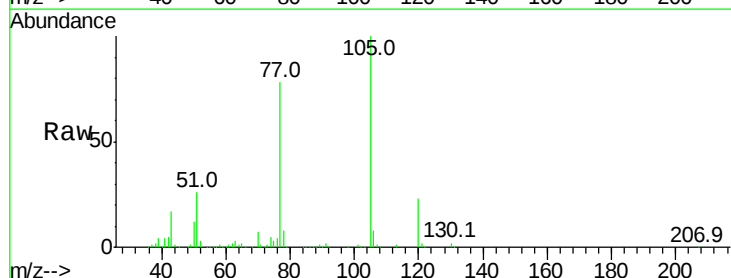
Manual Integrations  
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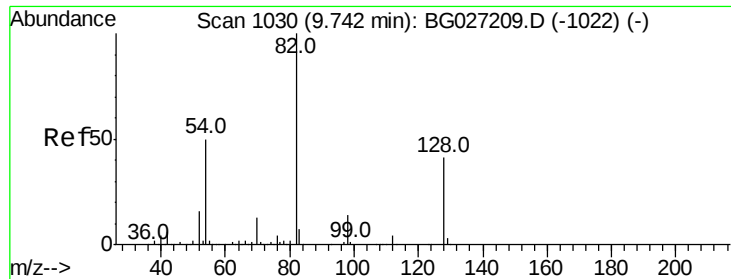
mohammad  
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#22  
Acetophenone  
Concen: 43.93 ng  
RT: 9.39 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 303213 |       |       |
| 71      | 1.1   | 0.9    | 1.3   |       |
| 51      | 26.3  | 34.0   | 51.0  |       |
| 120     | 23.5  | 17.3   | 25.9  |       |





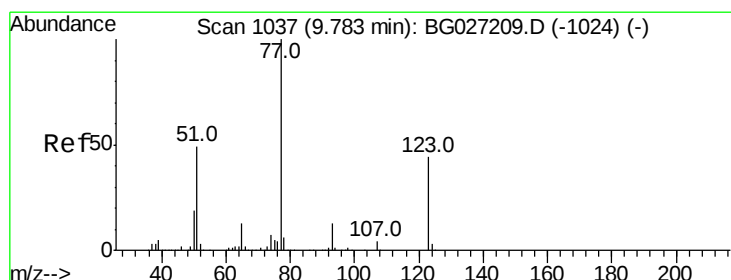
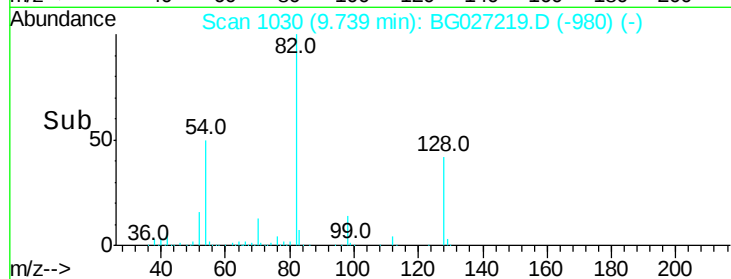
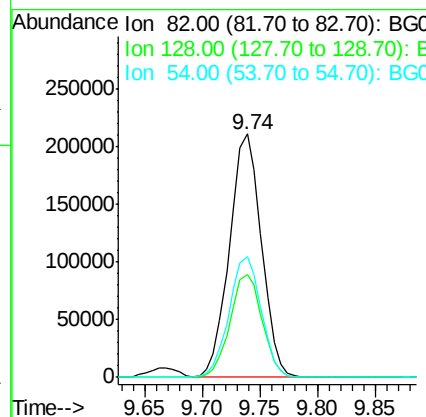
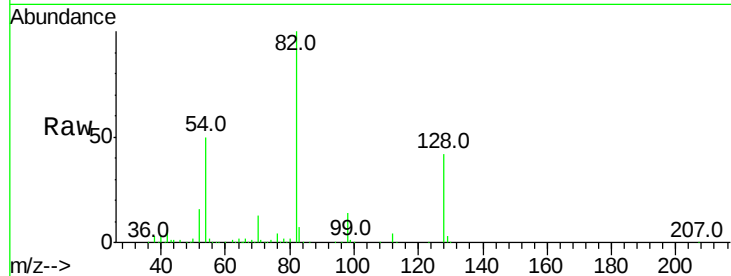
#23  
Nitrobenzene-d5  
Concen: 94.22 ng  
RT: 9.74 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.2  | 26.4  | 39.6# |
| 54      | 49.8  | 49.4  | 74.2  |

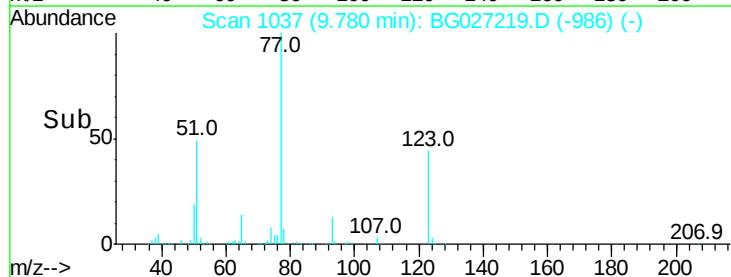
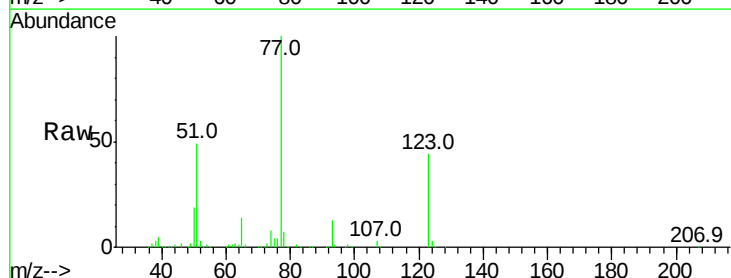
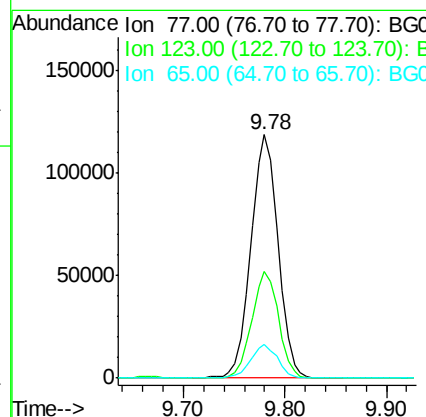
Manual Integrations  
APPROVED

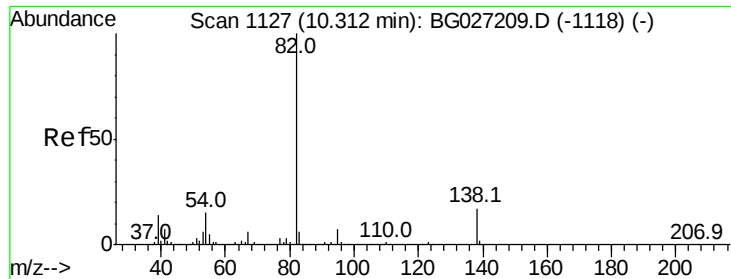
mohammad  
6/6/2017 5:14:07 PM



#24  
Nitrobenzene  
Concen: 45.09 ng  
RT: 9.78 min Scan# 1037  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.9  | 26.1  | 39.1# |
| 65      | 13.8  | 12.4  | 18.6  |





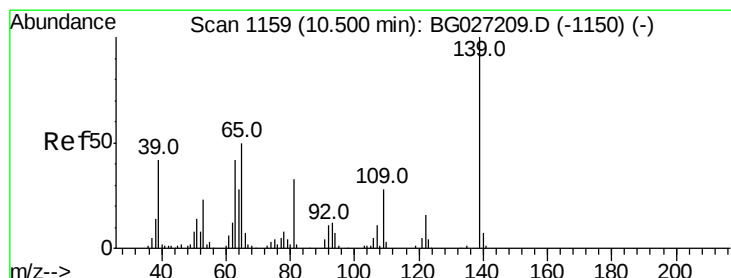
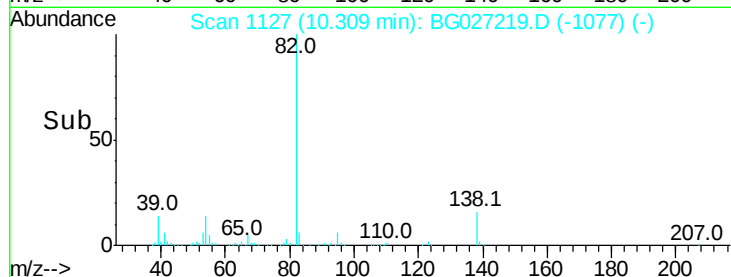
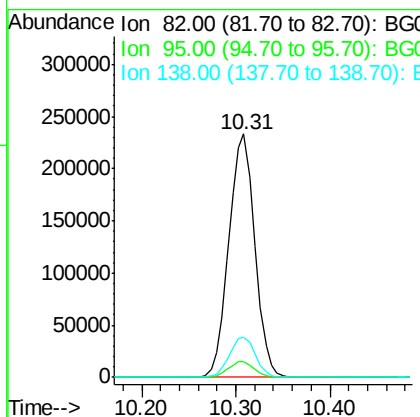
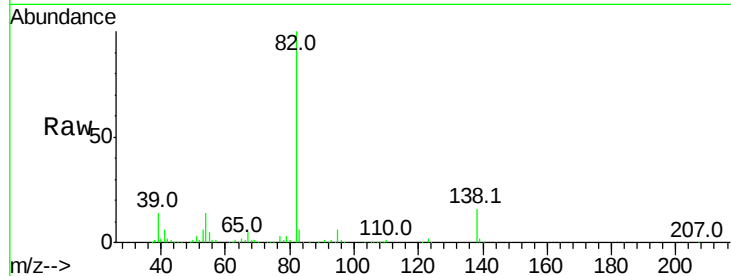
#25  
Isophorone  
Concen: 44.25 ng  
RT: 10.31 min Scan# 1127  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 6.5   | 7.5  | 11.3# |       |
| 138     | 16.4  | 12.3 | 18.5  |       |

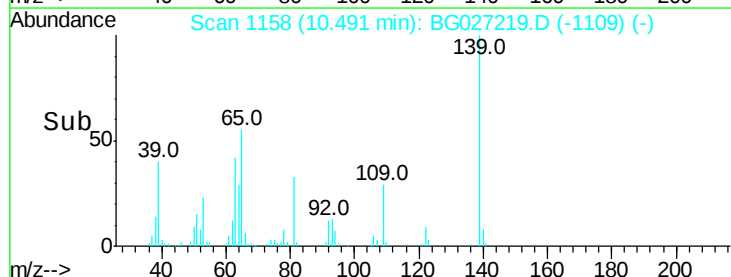
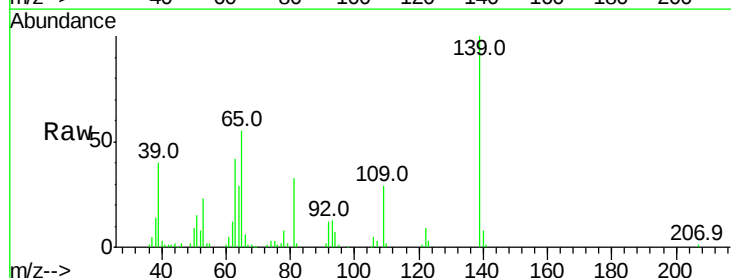
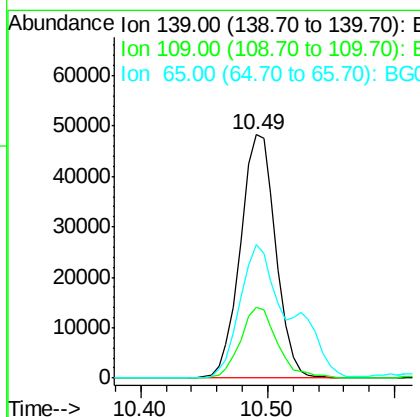
Manual Integrations  
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#26  
2-Nitrophenol  
Concen: 46.52 ng  
RT: 10.49 min Scan# 1158  
Delta R.T. -0.01 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 29.3  | 38.6 | 58.0# |       |
| 65      | 54.9  | 57.1 | 85.7# |       |





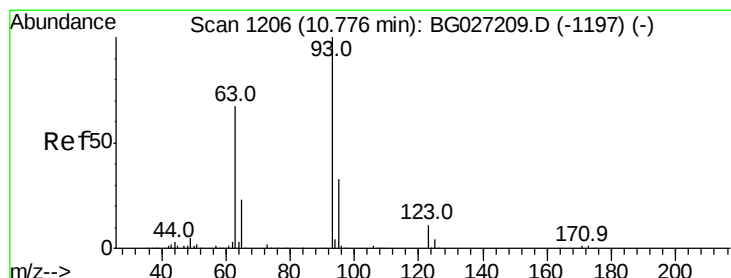
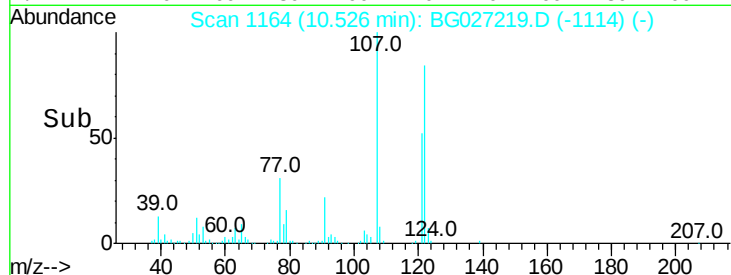
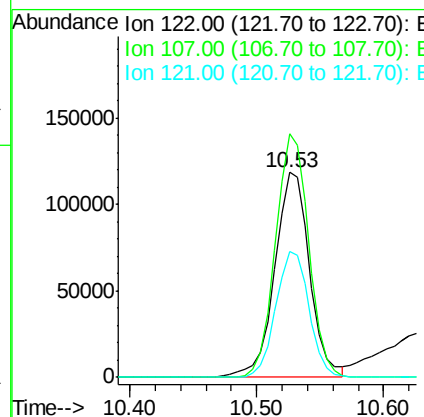
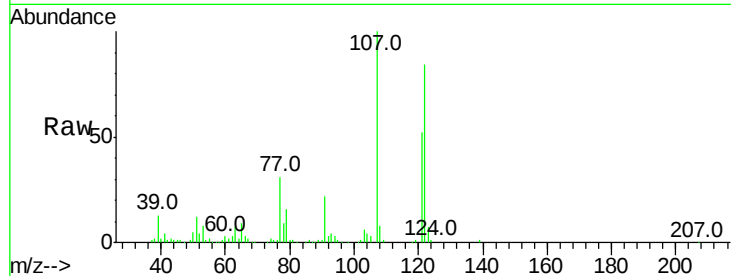
#27  
2,4-Dimethylphenol  
Concen: 52.31 ng  
RT: 10.53 min Scan# 1164  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 118.7 | 104.2 | 156.4 |
| 121     | 61.6  | 46.0  | 69.0  |

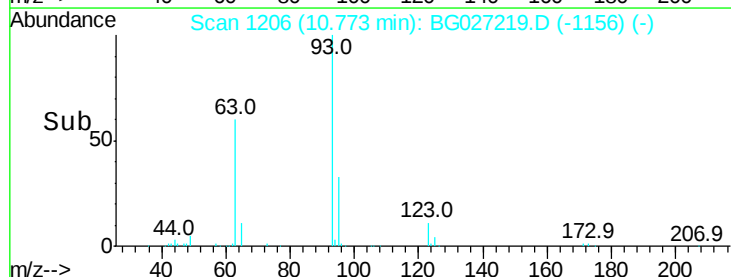
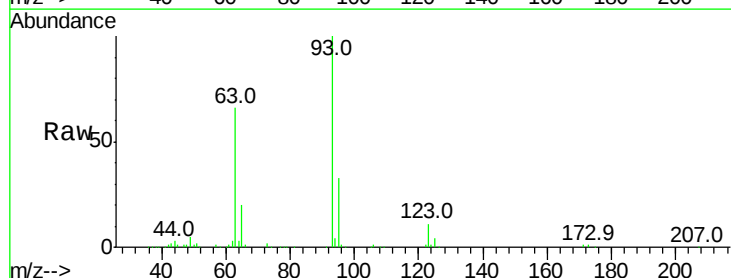
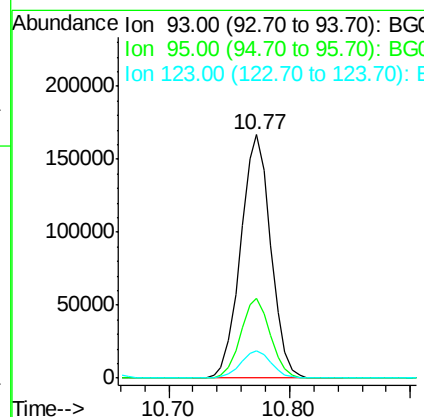
Manual Integrations  
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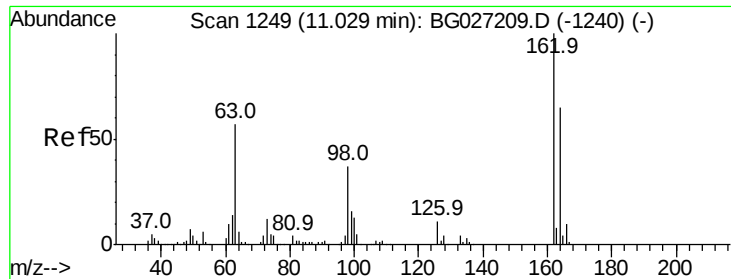
mohammad  
6/6/2017 5:14:07 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.25 ng  
RT: 10.77 min Scan# 1206  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 25.7  | 38.5  |
| 123     | 11.2  | 8.3   | 12.5  |





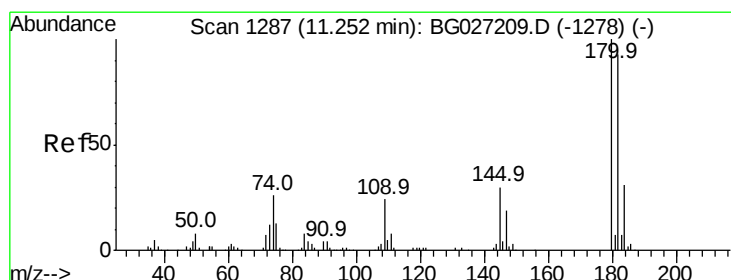
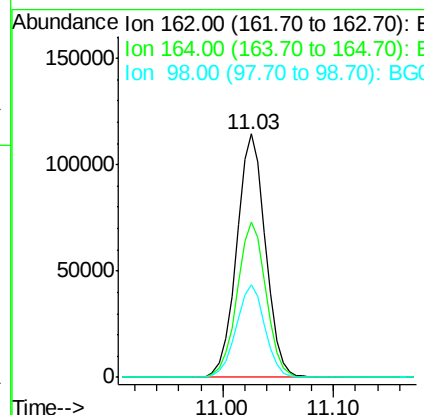
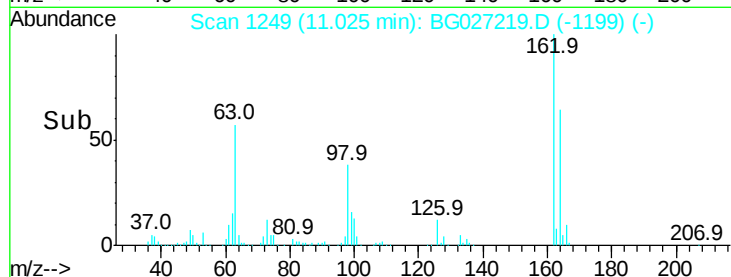
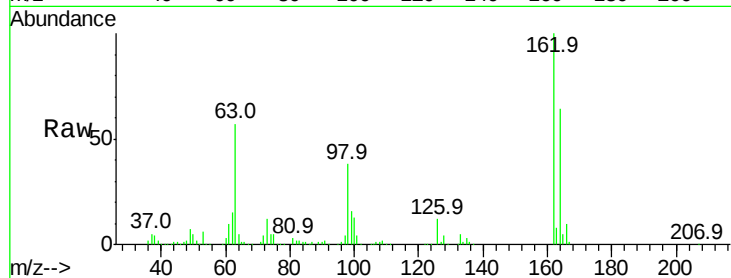
#29  
2,4-Dichlorophenol  
Concen: 52.65 ng  
RT: 11.03 min Scan# 1249  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 208561 |       |       |
| 164     | 63.8  | 42.4   | 82.4  |       |
| 98      | 38.2  | 20.3   | 60.3  |       |

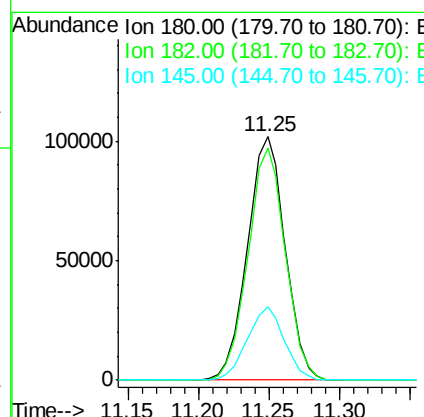
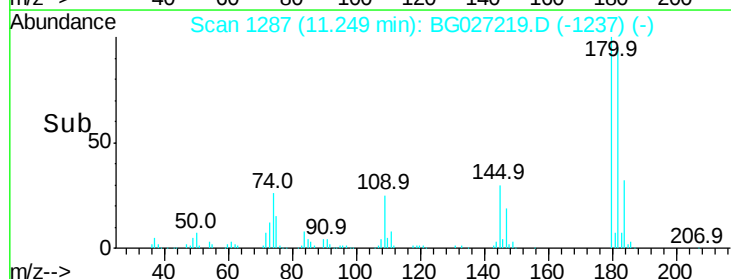
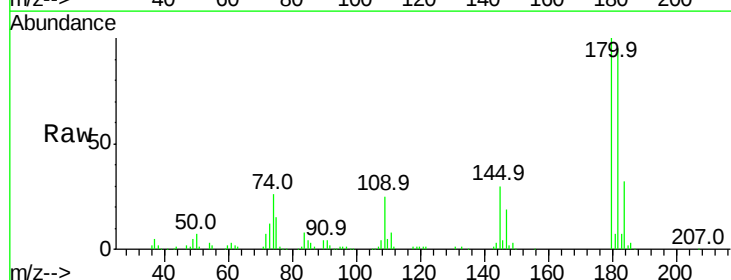
Manual Integrations  
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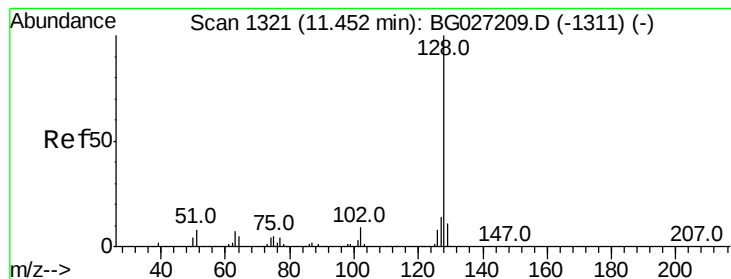
mohammad  
6/6/2017 5:14:07 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 43.47 ng  
RT: 11.25 min Scan# 1287  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 190663 |       |       |
| 182     | 95.3  | 77.0   | 115.4 |       |
| 145     | 30.0  | 23.4   | 35.0  |       |





#31

Naphthalene

Concen: 42.60 ng

RT: 11.45 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

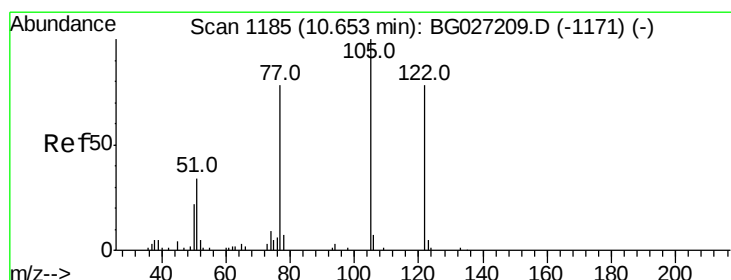
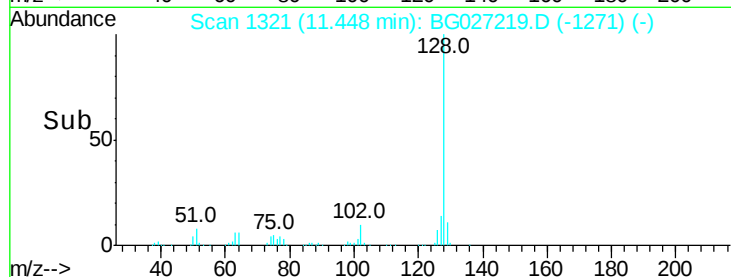
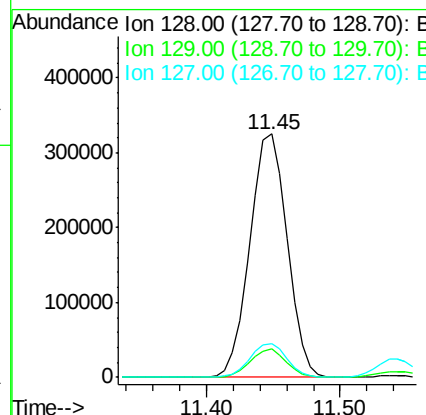
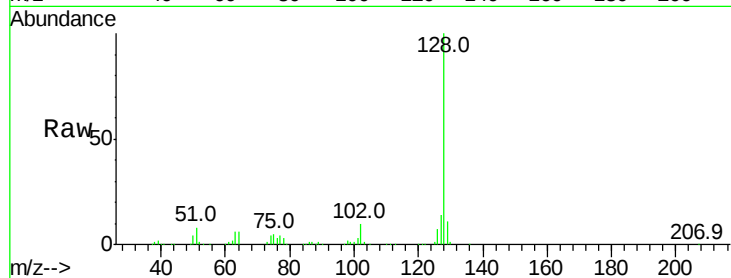
ClientSampleId :

PB99457BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 128   | Resp: | 628344 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 129      | 11.5  | 9.3   | 13.9   |
| 127      | 14.1  | 11.4  | 17.0   |

Manual Integrations  
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#32

Benzoic acid

Concen: 45.86 ng

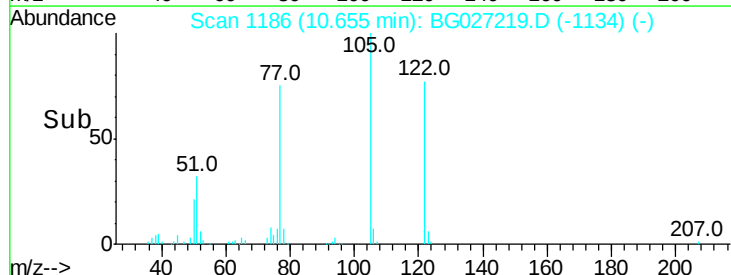
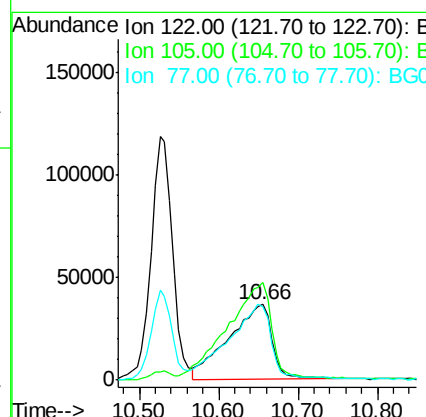
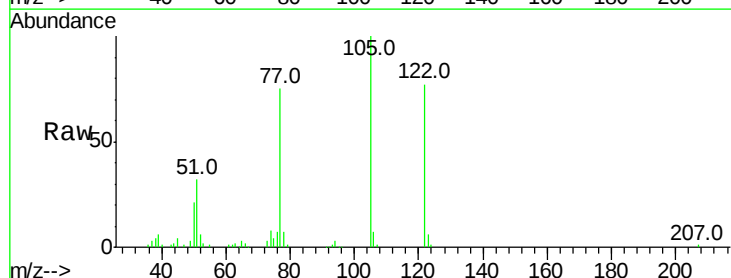
RT: 10.66 min Scan# 1186

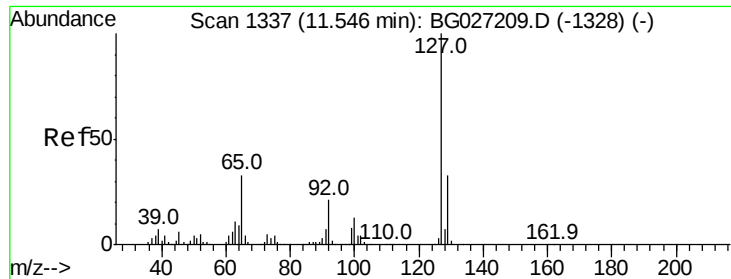
Delta R.T. 0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 136362 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 129.1 | 120.1 | 160.1  |
| 77       | 96.4  | 104.6 | 144.6# |





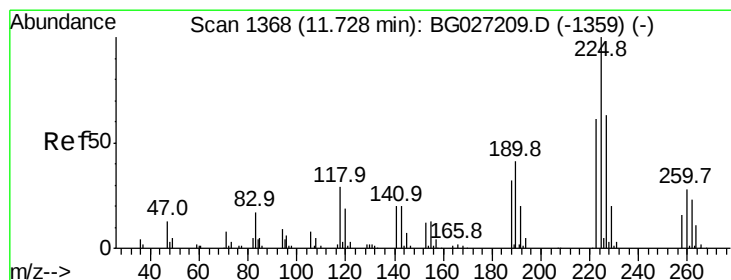
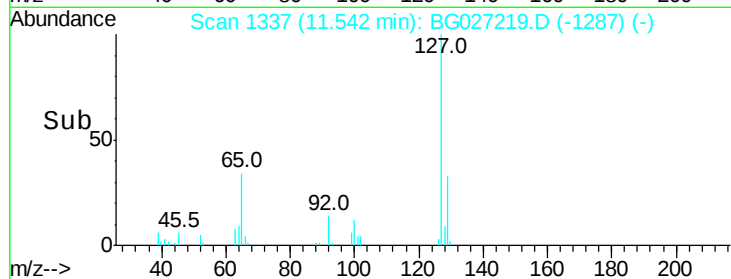
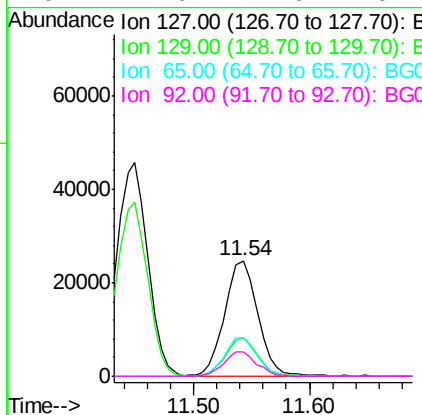
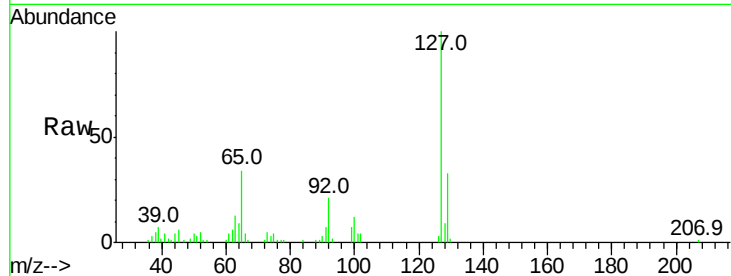
#33  
4-Chloroaniline  
Concen: 8.04 ng  
RT: 11.54 min Scan# 1337  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.8 | 23.6  | 35.4 |       |       |
| 65      | 33.7 | 37.7  | 56.5 |       |       |
| 92      | 21.0 | 17.6  | 26.4 |       |       |

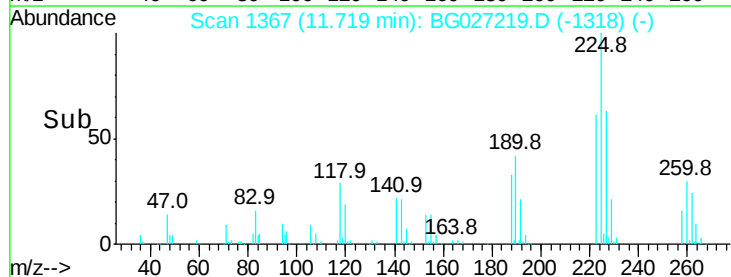
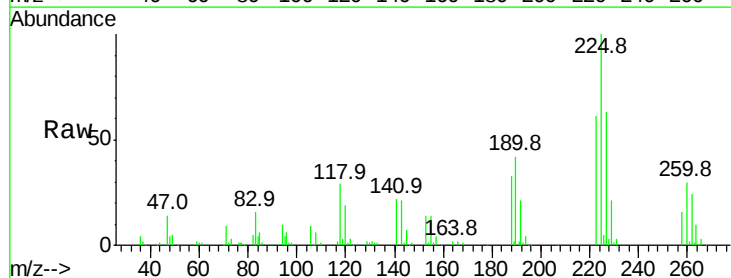
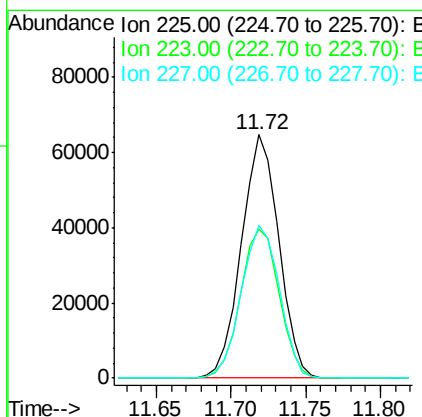
Manual Integrations  
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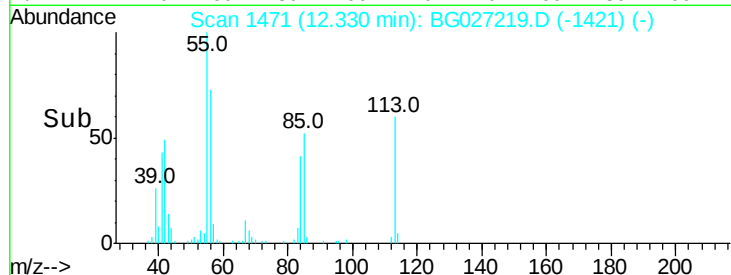
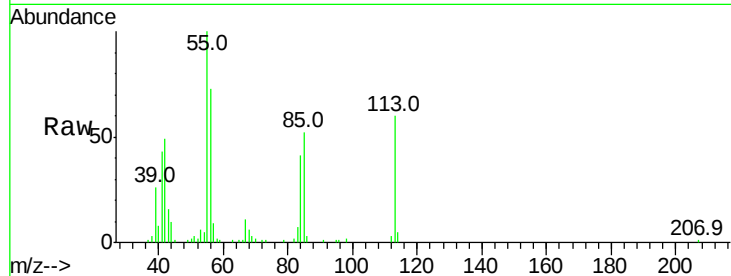
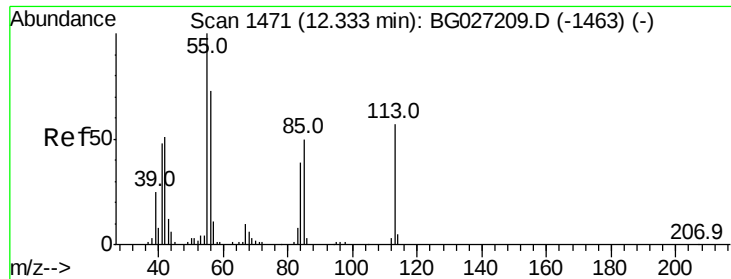
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 41.63 ng  
RT: 11.72 min Scan# 1367  
Delta R.T. -0.01 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.0 | 50.7  | 76.1 |       |       |
| 227     | 62.7 | 49.0  | 73.6 |       |       |





#35

Caprolactam

Concen: 51.36 ng/ml

RT: 12.33 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

ClientSampleId :

PB99457BS

Tot Ion:113 Resp: 69775

Ion Ratio Lower Upper

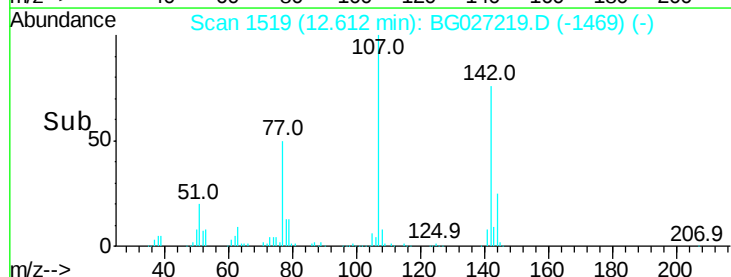
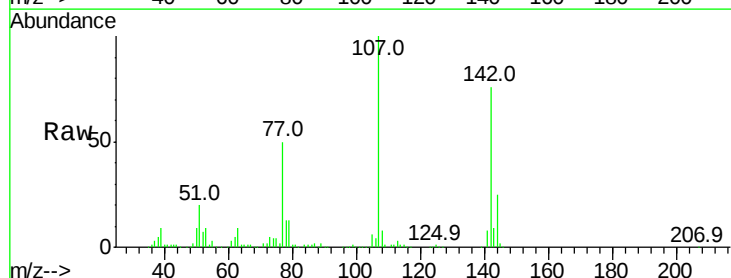
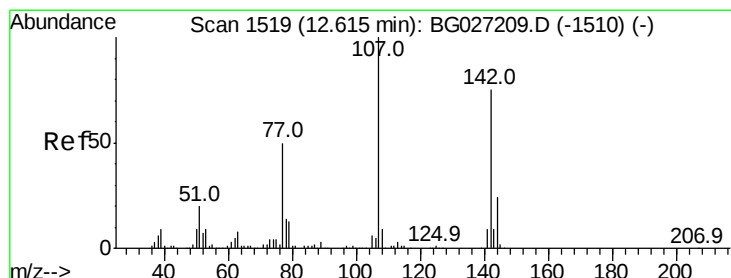
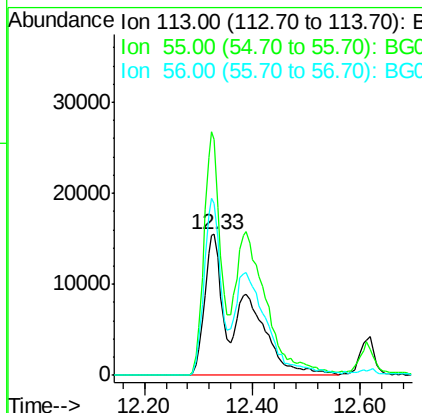
113 100

55 167.1 198.6 238.6#

56 122.4 140.4 180.4#

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#36

4-Chloro-3-methylphenol

Concen: 49.77 ng/ml

RT: 12.61 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

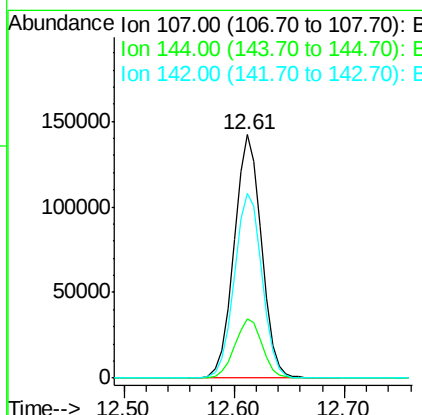
Tgt Ion:107 Resp: 247120

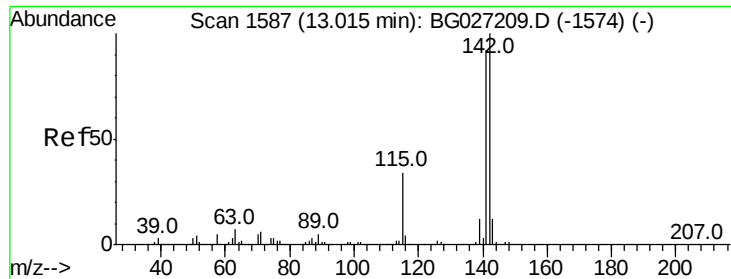
Ion Ratio Lower Upper

107 100

144 24.6 17.4 26.0

142 76.1 54.1 81.1





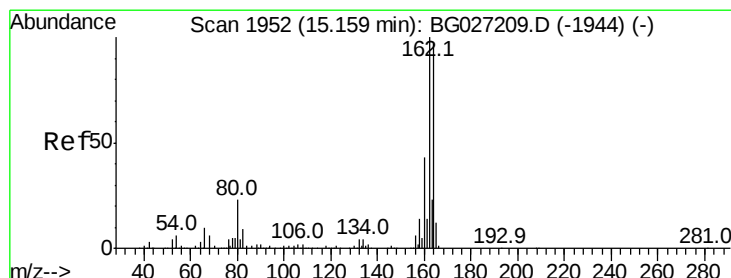
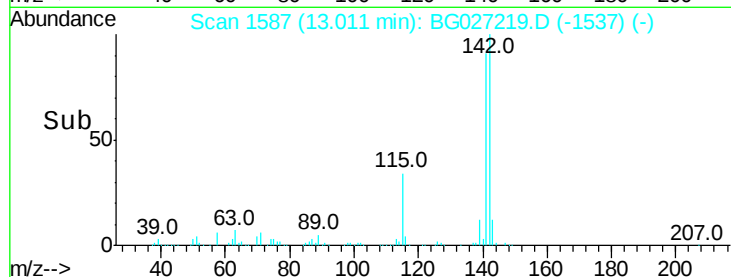
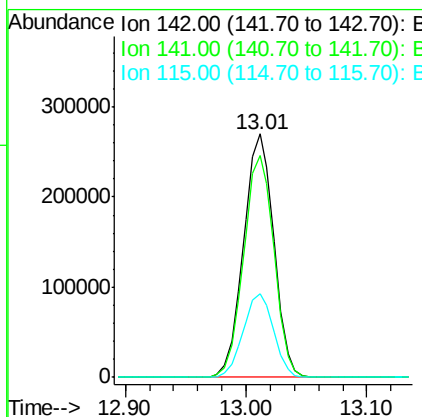
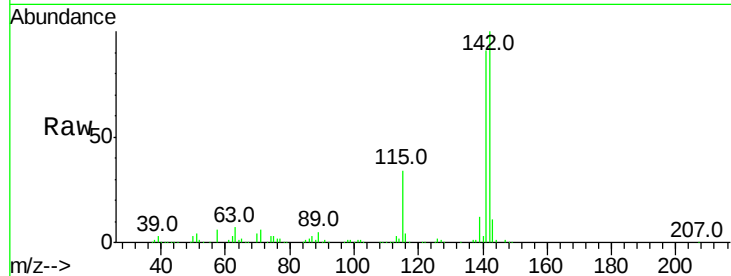
#37  
2-Methylnaphthalene  
Concen: 43.84 ng  
RT: 13.01 min Scan# 1587  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 471788 |       |       |
| 141     | 90.9  | 70.4   | 105.6 |       |
| 115     | 34.4  | 35.5   | 53.3# |       |

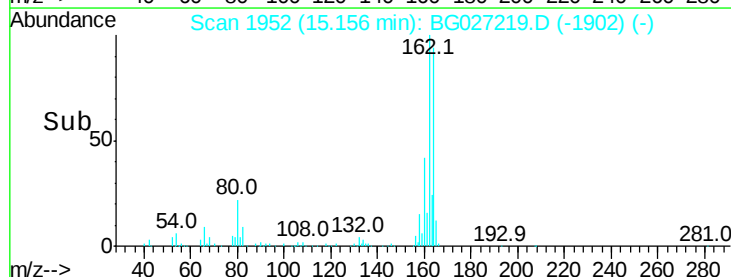
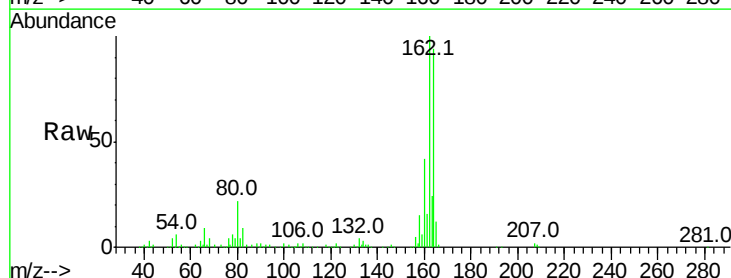
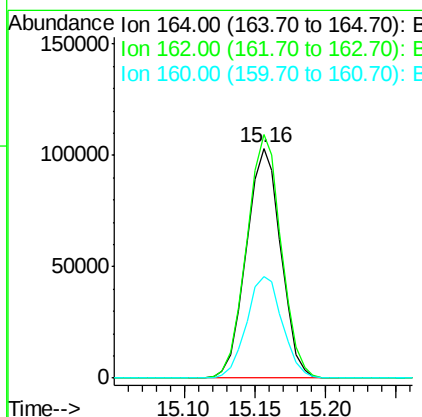
Manual Integrations  
APPROVED

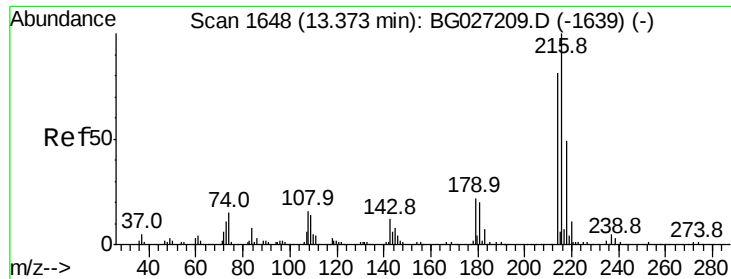
mohammad  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.16 min Scan# 1952  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 177126 |       |       |
| 162     | 105.9 | 85.1   | 127.7 |       |
| 160     | 44.2  | 34.7   | 52.1  |       |





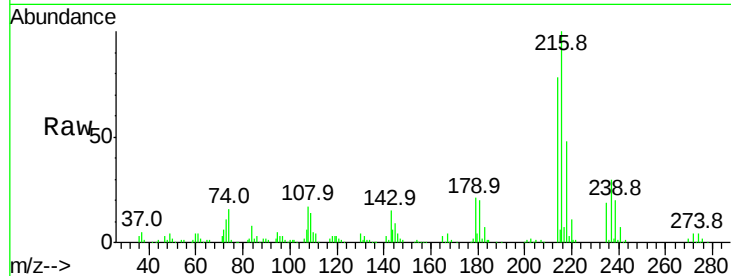
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.73 ng  
 RT: 13.36 min Scan# 1647  
 Delta R.T. -0.01 min  
 Lab File: BG027219.D  
 Acq: 5 Jun 2017 19:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB99457BS

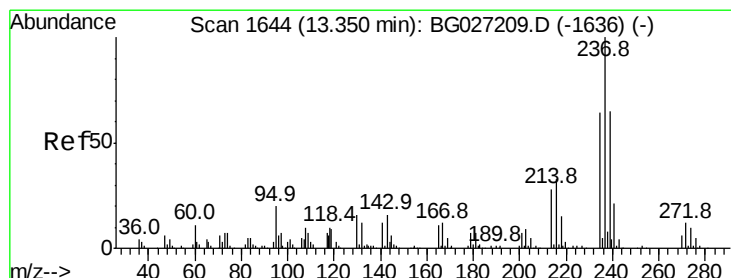
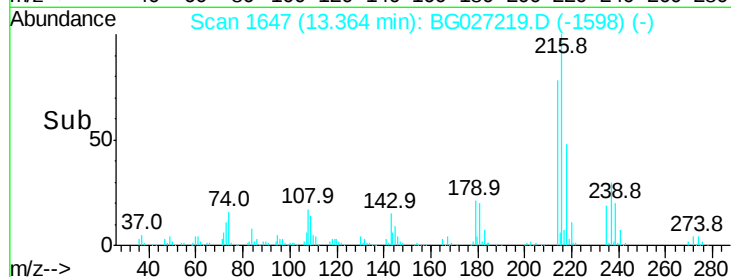
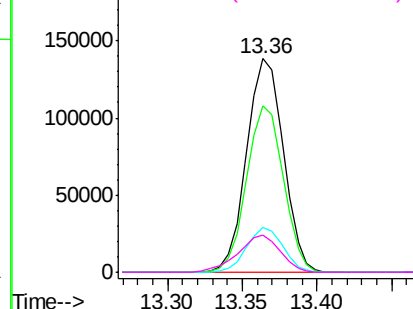
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 235792 |       |       |
| 214     | 78.0  | 64.4   | 96.6  |       |
| 179     | 20.7  | 17.4   | 26.0  |       |
| 108     | 20.1  | 15.6   | 23.4  |       |

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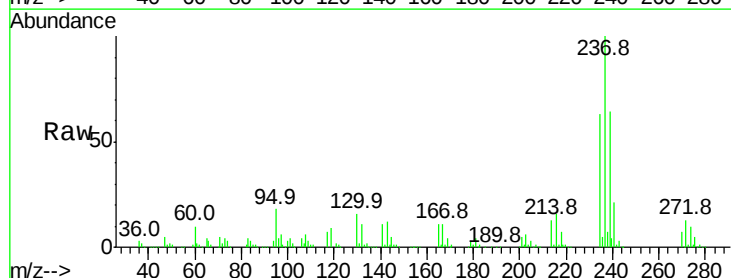


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

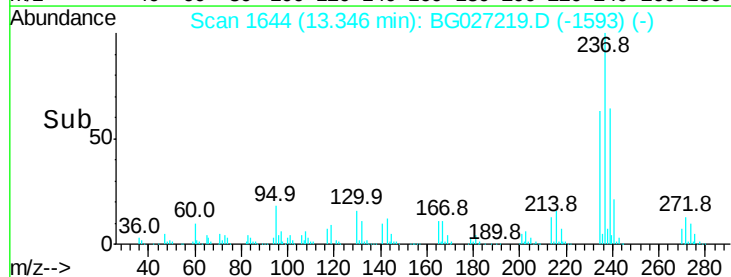
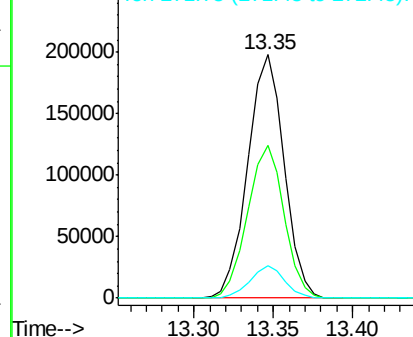


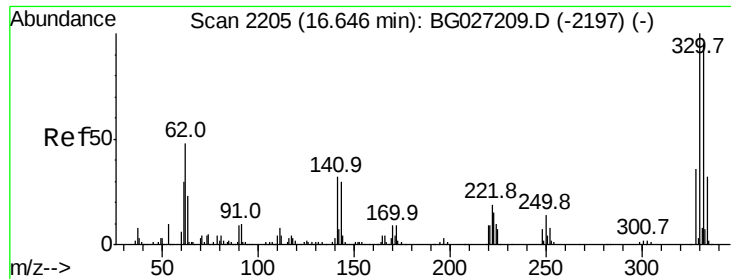
#40  
 Hexachlorocyclopentadiene  
 Concen: 107.51 ng  
 RT: 13.35 min Scan# 1644  
 Delta R.T. -0.00 min  
 Lab File: BG027219.D  
 Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 315740 |       |       |
| 235     | 62.9  | 39.4   | 79.4  |       |
| 272     | 13.3  | 0.0    | 32.0  |       |



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





#41

2,4,6-Tribromophenol

Concen: 146.19 ng

RT: 16.64 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

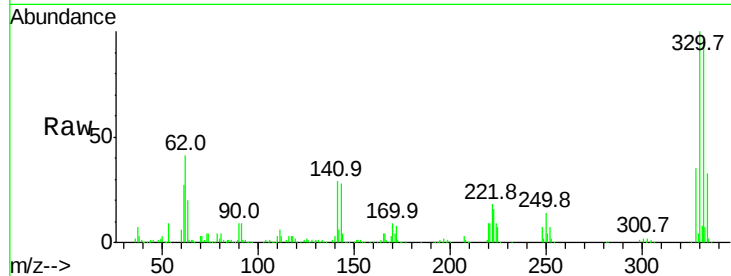
ClientSampleId :

PB99457BS

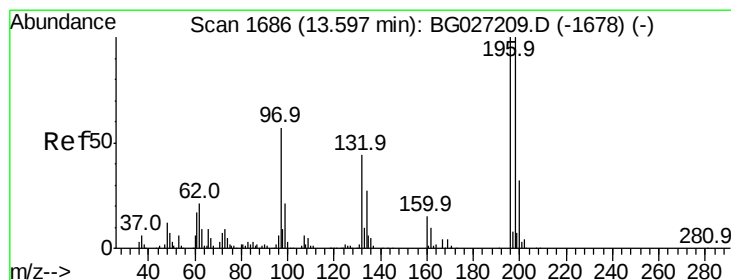
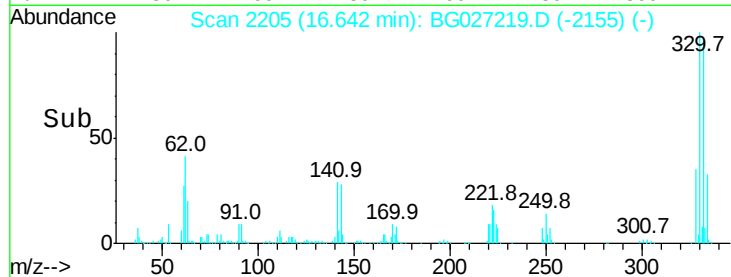
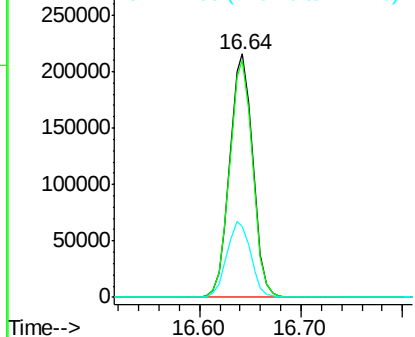
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 340990 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.3  | 77.3  | 115.9  |
| 141       | 32.2  | 32.1  | 48.1   |

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



#42

2,4,6-Trichlorophenol

Concen: 50.12 ng

RT: 13.59 min Scan# 1686

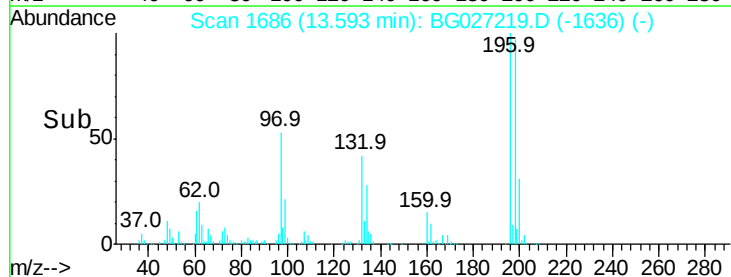
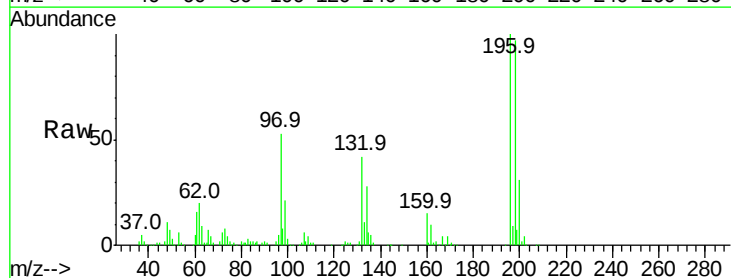
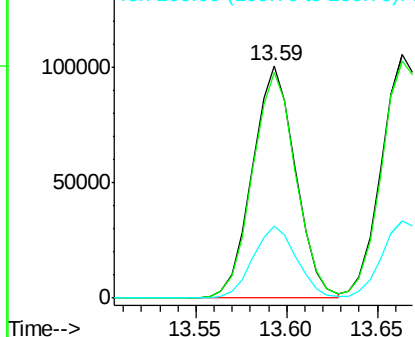
Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 167735 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.4  | 81.4  | 122.2  |
| 200       | 31.1  | 27.0  | 40.6   |

Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E





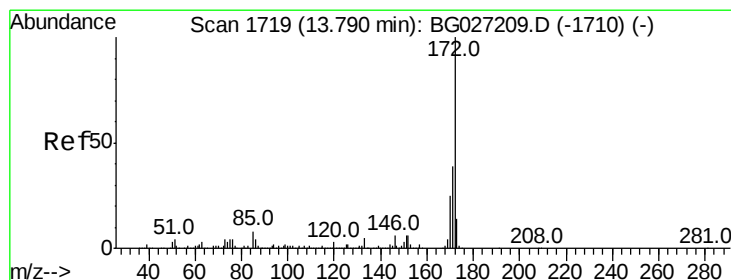
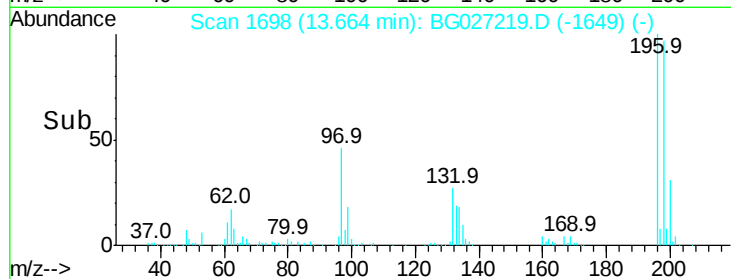
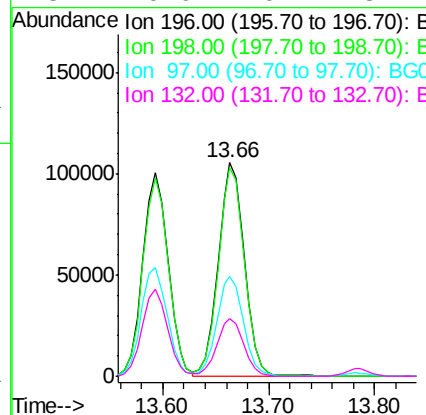
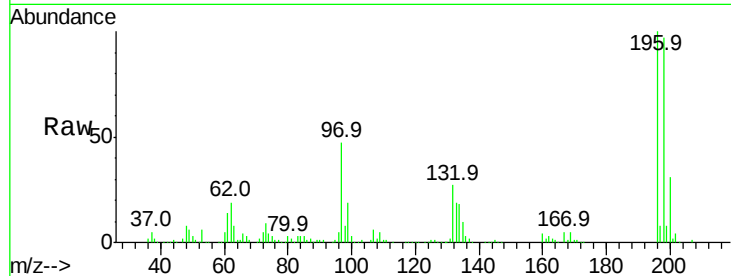
#43  
 2,4,5-Trichlorophenol  
 Concen: 48.60 ng  
 RT: 13.66 min Scan# 1698  
 Delta R.T. -0.01 min  
 Lab File: BG027219.D  
 Acq: 5 Jun 2017 19:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB99457BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 181998 |       |       |
| 198     | 97.5  | 79.9   | 119.9 |       |
| 97      | 47.0  | 45.4   | 68.0  |       |
| 132     | 26.9  | 20.7   | 31.1  |       |

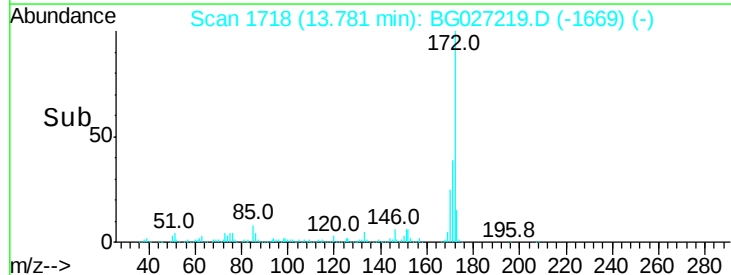
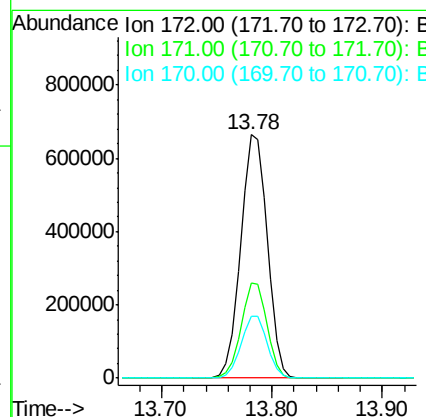
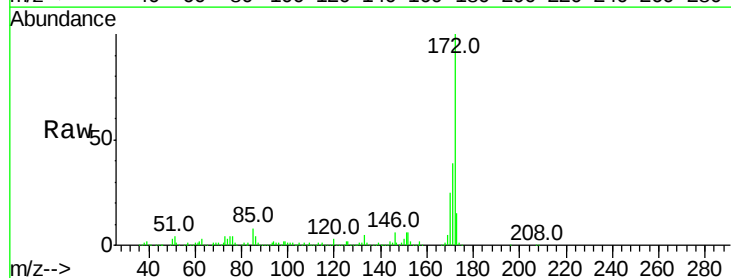
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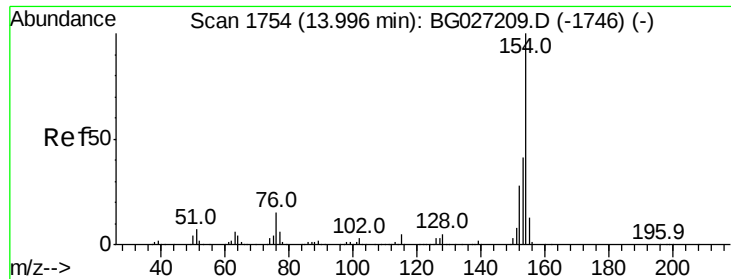
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#44  
 2-Fluorobiphenyl  
 Concen: 88.76 ng  
 RT: 13.78 min Scan# 1718  
 Delta R.T. -0.01 min  
 Lab File: BG027219.D  
 Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1123766 |       |       |
| 171     | 39.1  | 32.2    | 48.2  |       |
| 170     | 25.2  | 21.8    | 32.6  |       |





#45

1,1'-Biphenyl

Concen: 43.93 ng

RT: 13.99 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

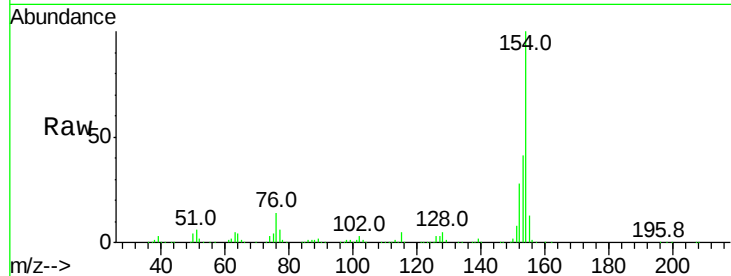
ClientSampleId :

PB99457BS

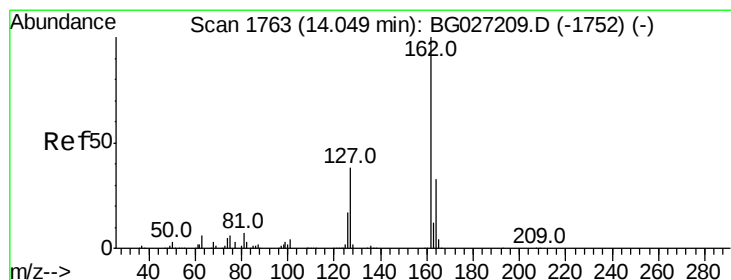
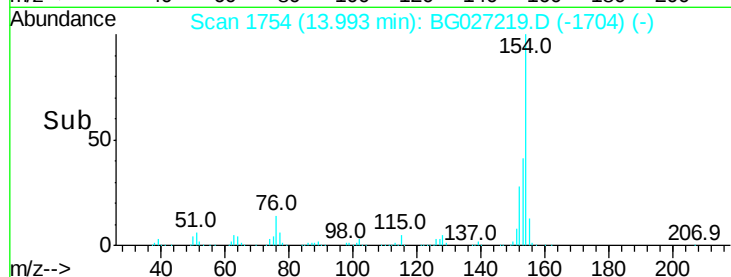
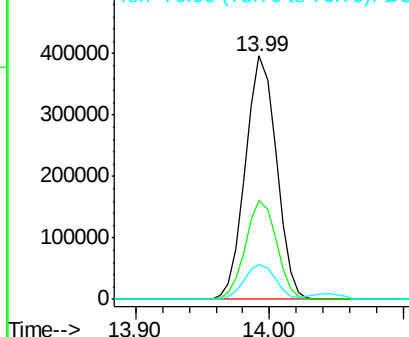
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 635172 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.7  | 23.0  | 63.0   |
| 76        | 14.3  | 0.0   | 33.5   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 44.41 ng

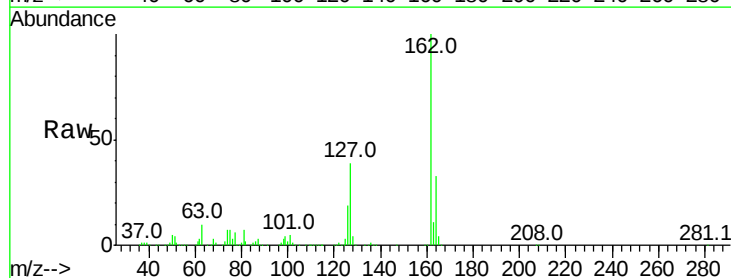
RT: 14.05 min Scan# 1763

Delta R.T. -0.00 min

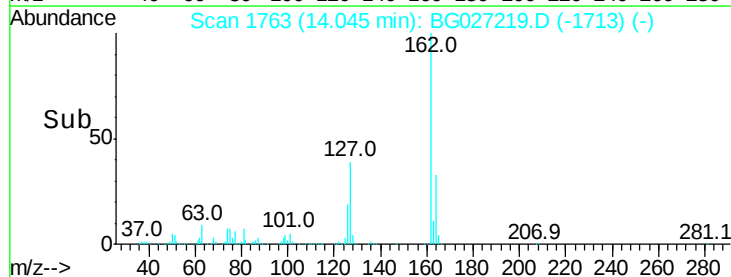
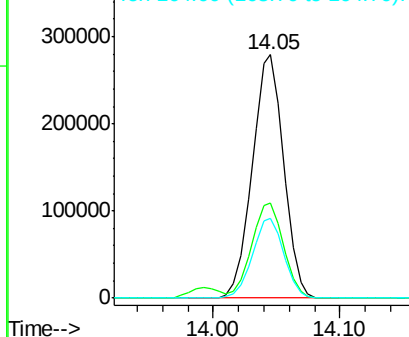
Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 481347 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.0  | 32.2  | 48.4   |
| 164       | 32.9  | 27.3  | 40.9   |



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.27 ng

RT: 14.23 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

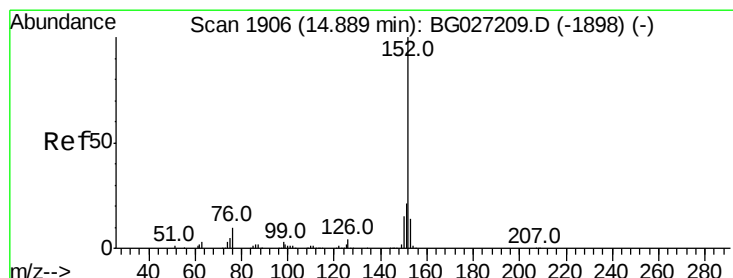
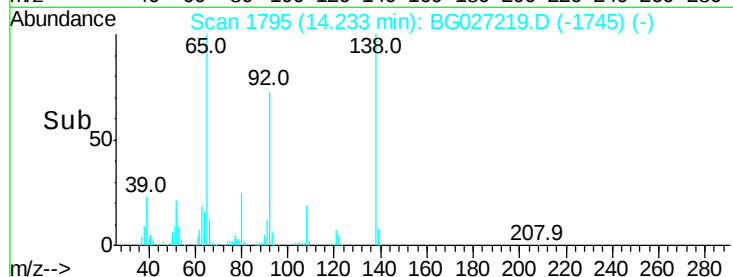
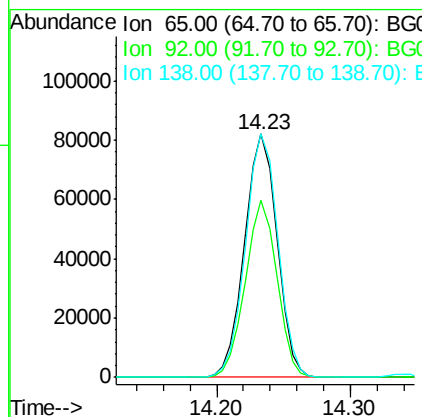
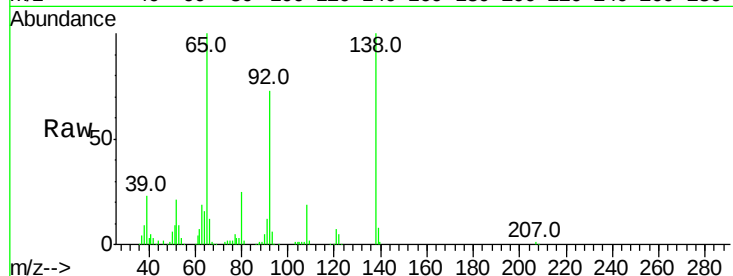
ClientSampleId :

PB99457BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.8  | 49.0  | 73.4  |
| 138     | 100.0 | 58.6  | 87.8# |

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#48

Acenaphthylene

Concen: 42.32 ng

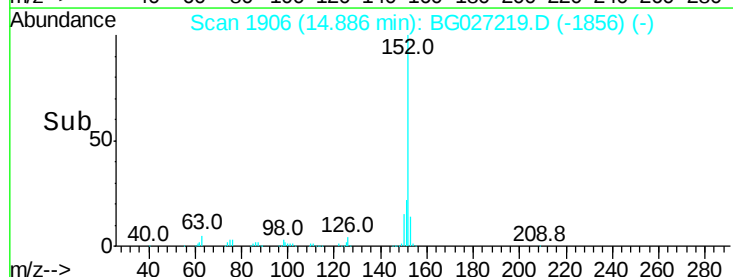
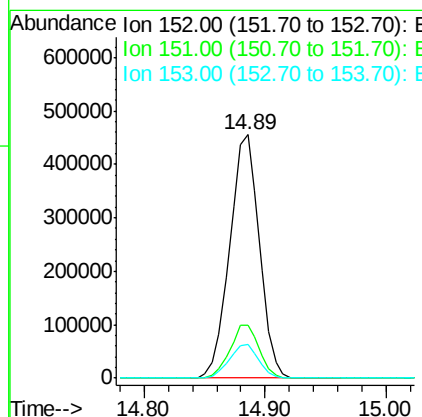
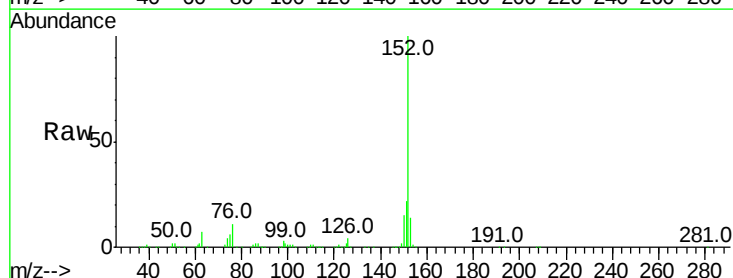
RT: 14.89 min Scan# 1906

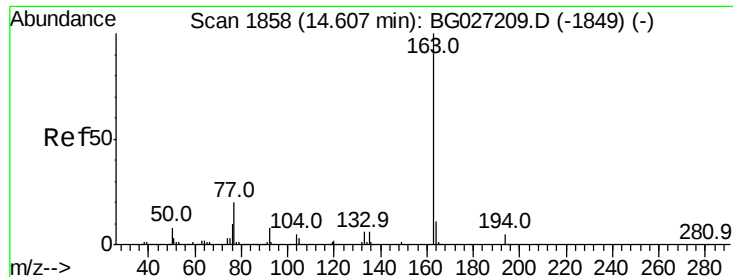
Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.7  | 18.2  | 27.2  |
| 153     | 13.9  | 11.3  | 16.9  |





#49

Dimethylphthalate

Concen: 46.19 ng

RT: 14.60 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

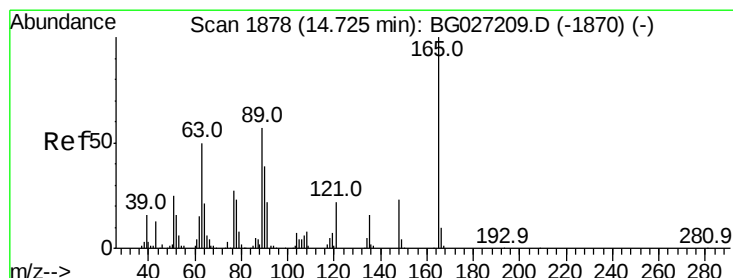
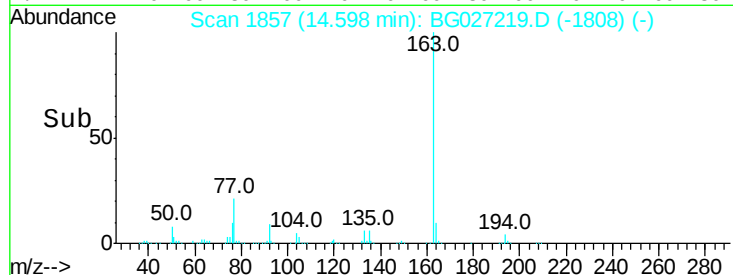
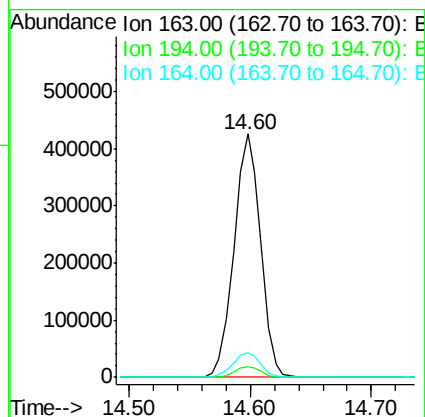
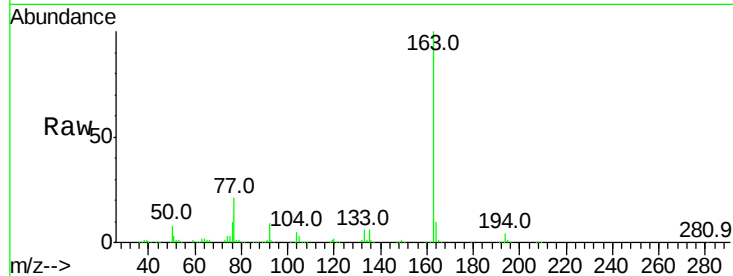
ClientSampleId :

PB99457BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 648976 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.4   | 3.8   | 5.6    |
| 164       | 10.3  | 9.3   | 13.9   |

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#50

2,6-Dinitrotoluene

Concen: 45.97 ng

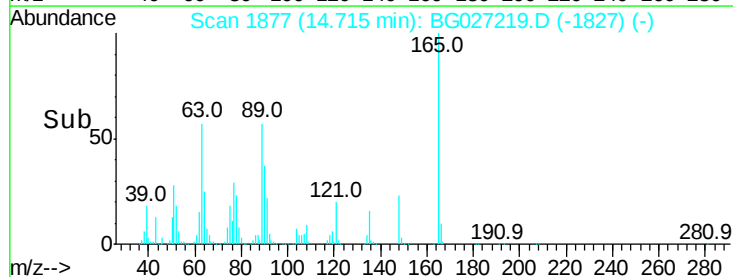
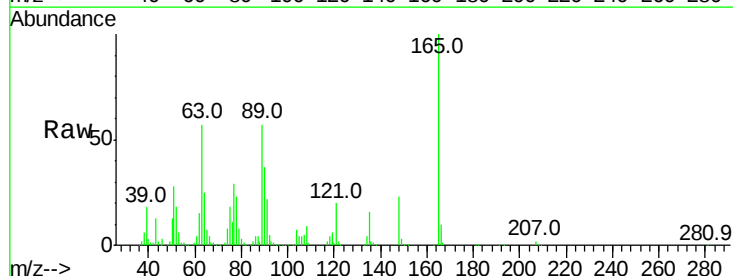
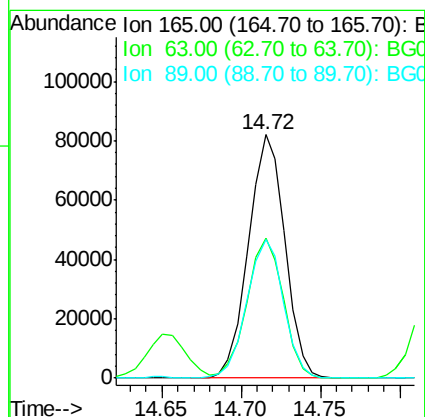
RT: 14.72 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 130457 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 57.5  | 63.9  | 95.9#  |
| 89        | 56.8  | 58.6  | 88.0#  |





#51

Acenaphthene

Concen: 46.15 ng

RT: 15.22 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

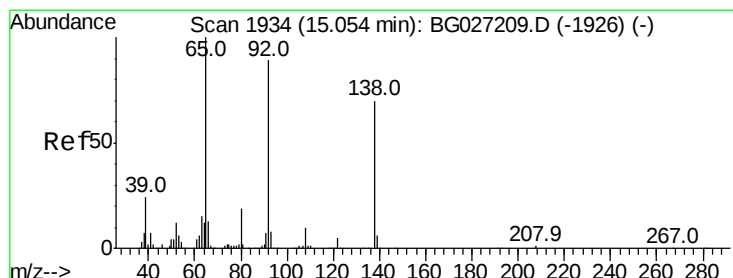
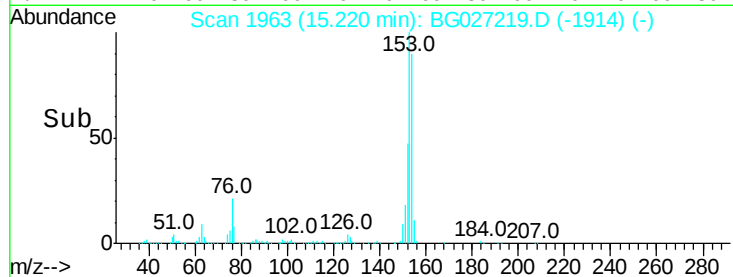
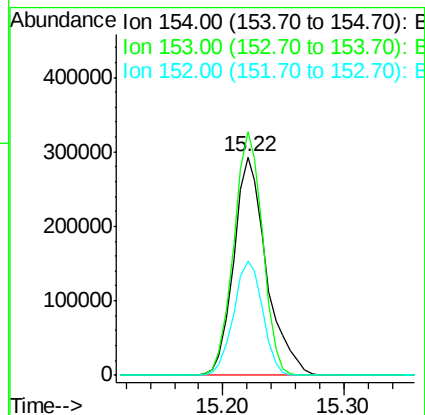
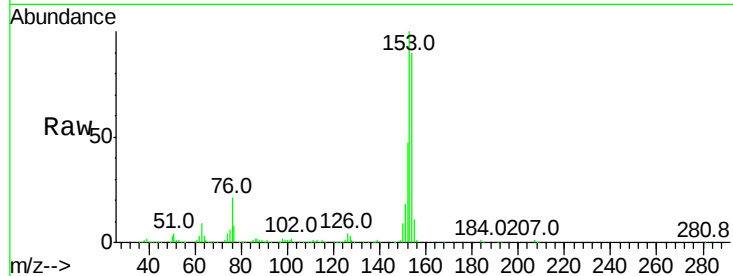
ClientSampleId :

PB99457BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 550654 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 111.6 | 87.8  | 131.6  |
| 152       | 52.7  | 42.2  | 63.4   |

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#52

3-Nitroaniline

Concen: 18.94 ng

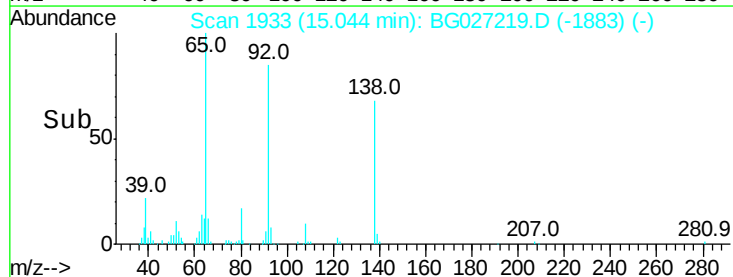
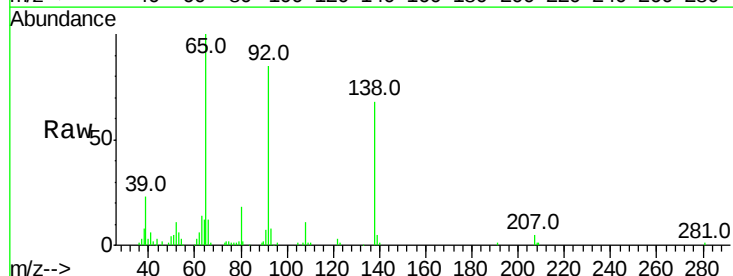
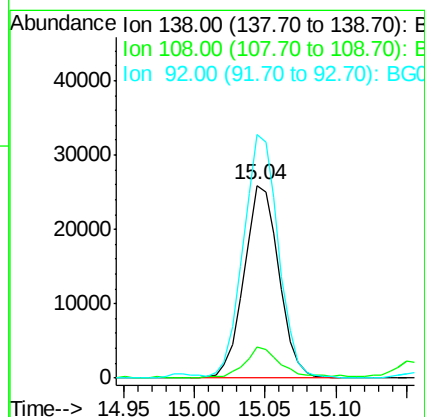
RT: 15.04 min Scan# 1933

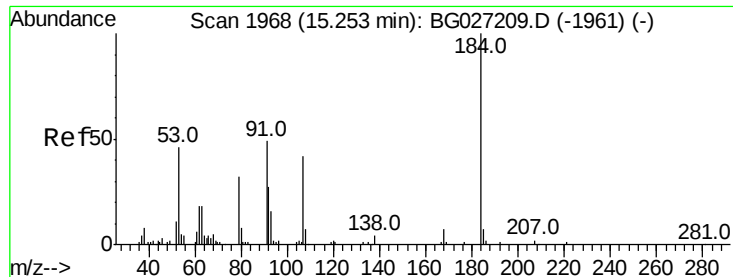
Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 44936 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 16.2  | 10.9  | 16.3  |
| 92        | 126.1 | 115.3 | 172.9 |





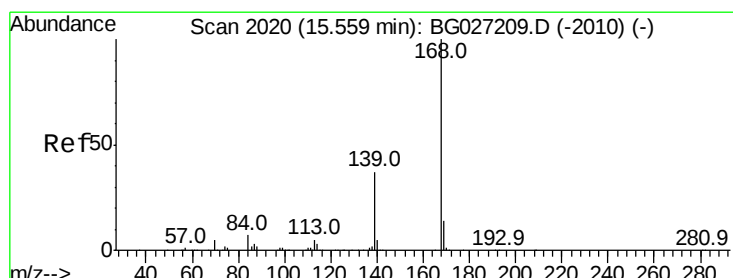
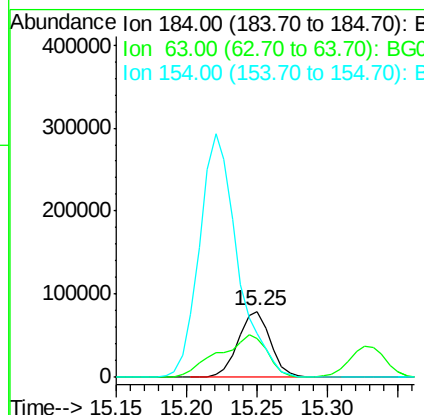
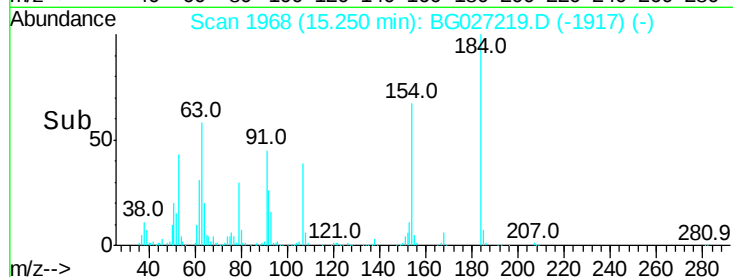
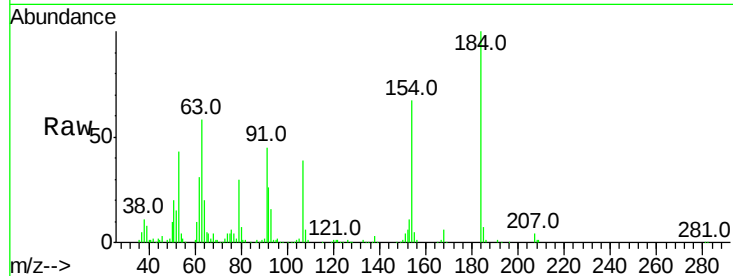
#53  
2,4-Dinitrophenol  
Concen: 88.24 ng  
RT: 15.25 min Scan# 1968  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 58.3  | 52.7  | 79.1  |
| 154     | 67.1  | 57.3  | 85.9  |

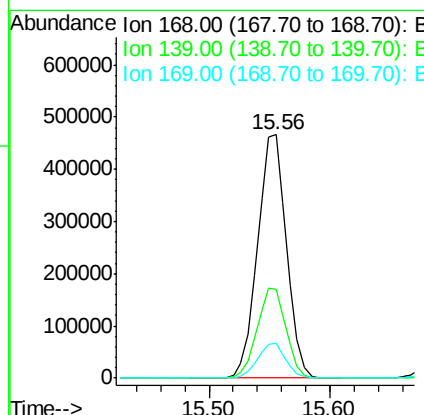
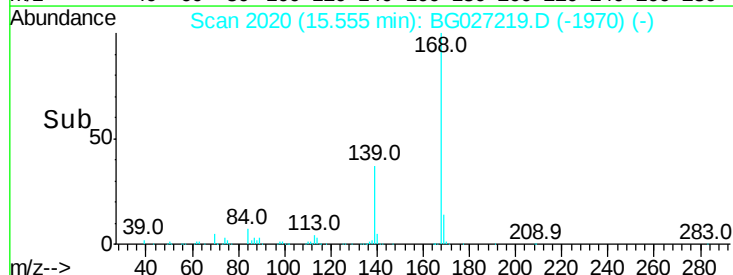
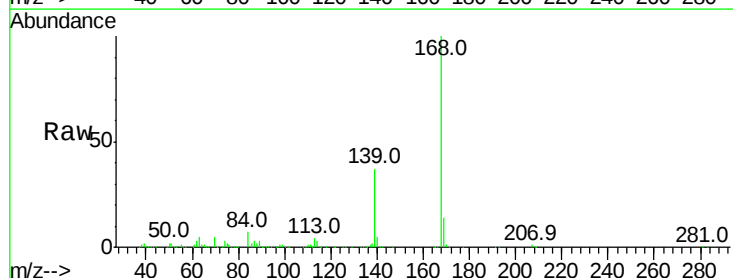
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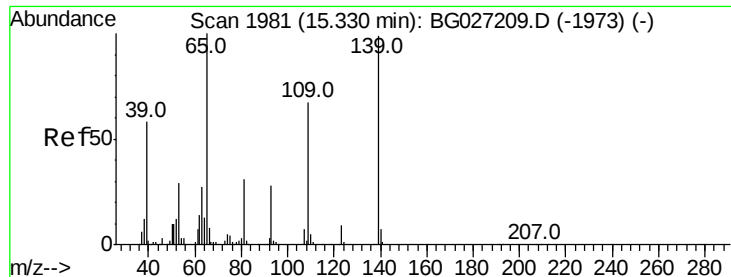
mohammad  
6/6/2017 5:14:07 PM



#54  
Dibenzofuran  
Concen: 46.51 ng  
RT: 15.56 min Scan# 2020  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.6  | 35.3  | 52.9  |
| 169     | 14.3  | 11.5  | 17.3  |





#55

4-Nitrophenol

Concen: 86.89 ng

RT: 15.33 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

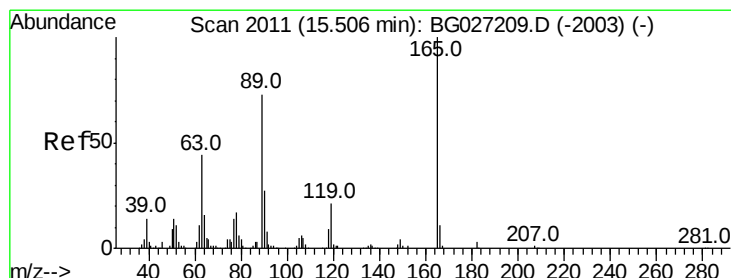
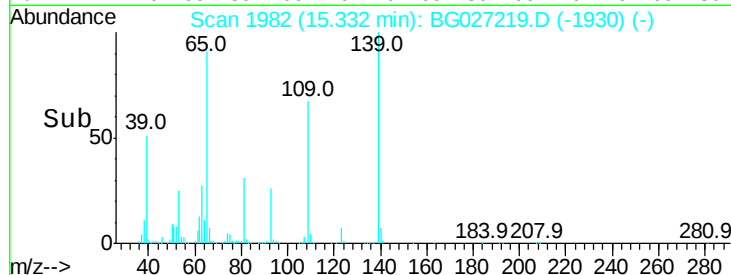
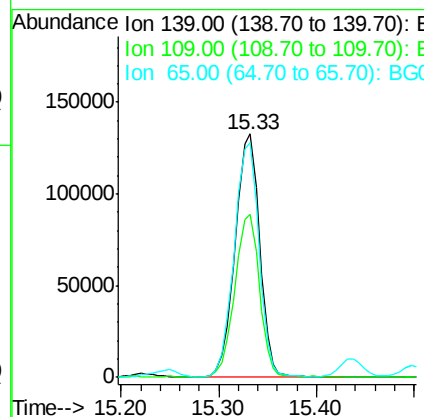
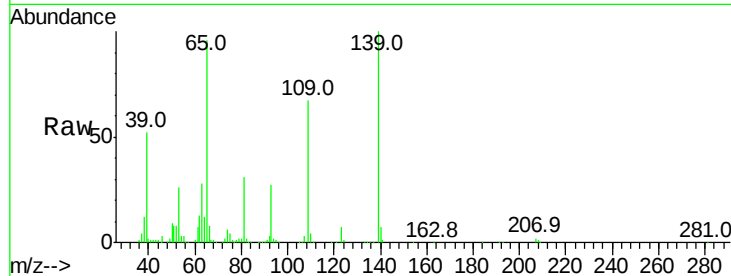
ClientSampleId :

PB99457BS

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 139     | 100   |       |        |       |
| 109     | 66.7  | 101.2 | 141.2# |       |
| 65      | 96.3  | 135.3 | 175.3# |       |

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#56

2,4-Dinitrotoluene

Concen: 48.58 ng

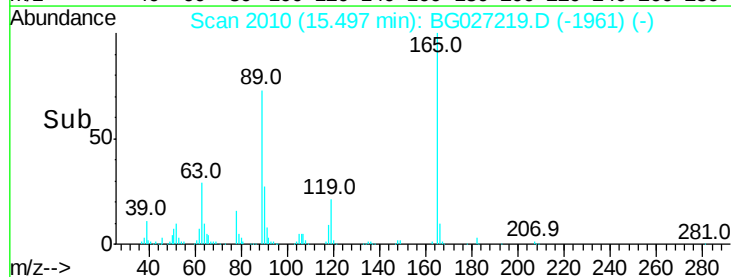
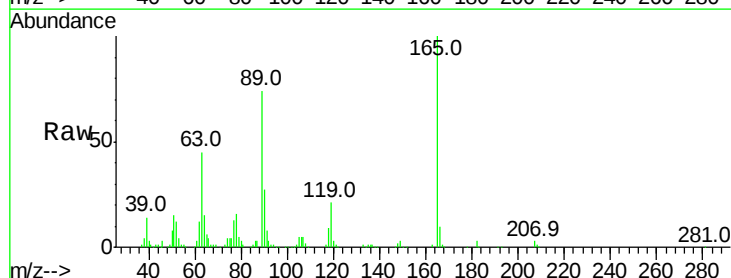
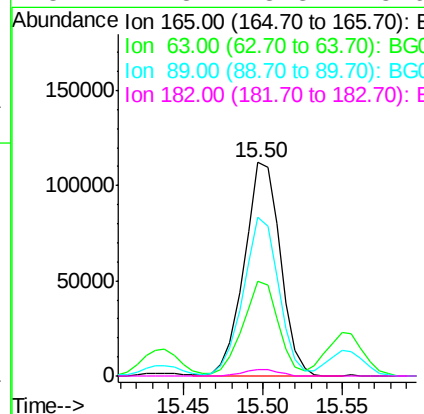
RT: 15.50 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 44.6  | 44.0 | 66.0  |       |
| 89      | 74.3  | 67.3 | 100.9 |       |
| 182     | 2.8   | 3.8  | 5.6#  |       |





#57

Fluorene

Concen: 42.10 ng

RT: 16.20 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

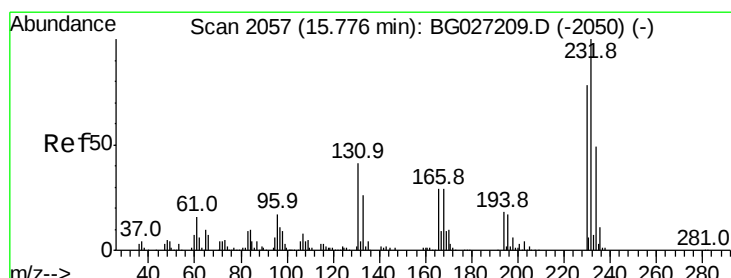
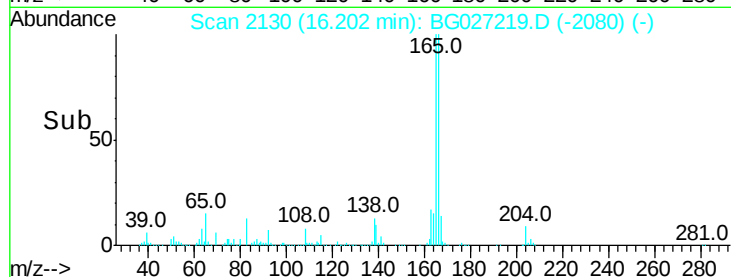
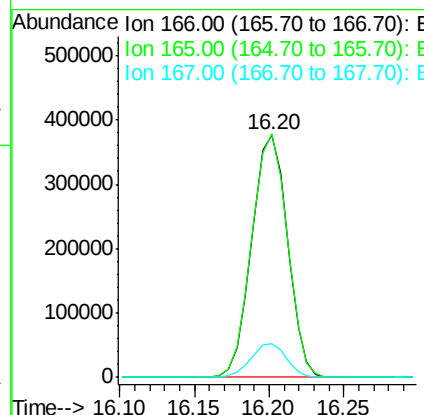
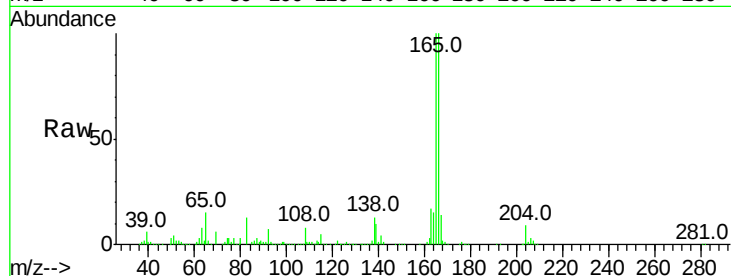
ClientSampleId :

PB99457BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 623510 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 100.2 | 78.6  | 117.8  |
| 167       | 14.0  | 11.6  | 17.4   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 52.98 ng

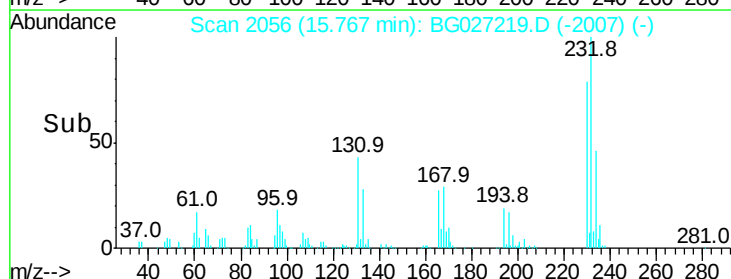
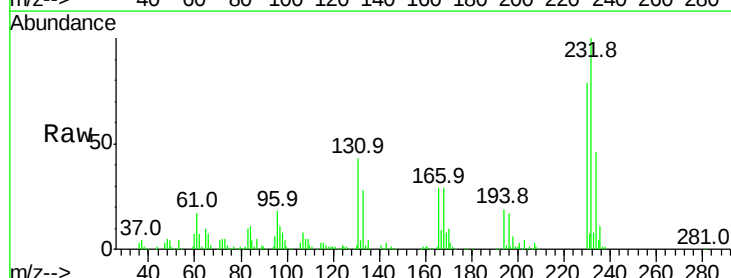
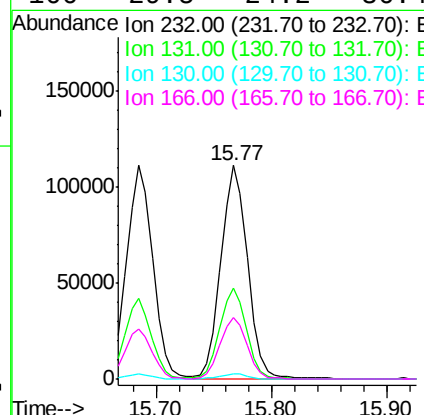
RT: 15.77 min Scan# 2056

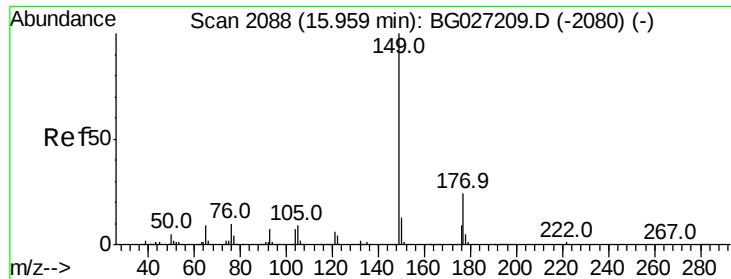
Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 177115 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 42.9  | 34.9  | 52.3   |
| 130       | 2.4   | 2.3   | 3.5    |
| 166       | 29.5  | 24.2  | 36.4   |





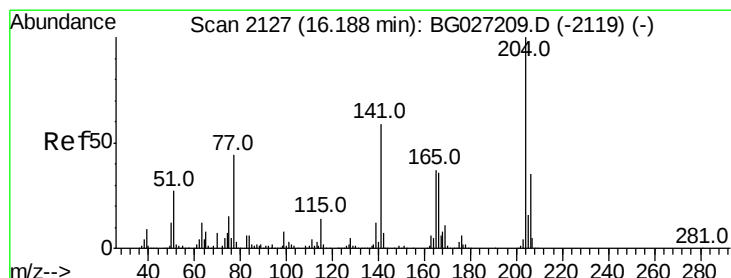
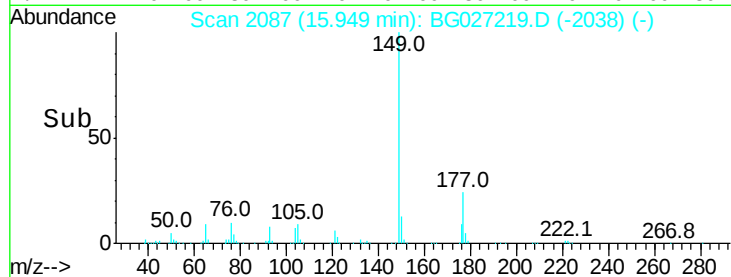
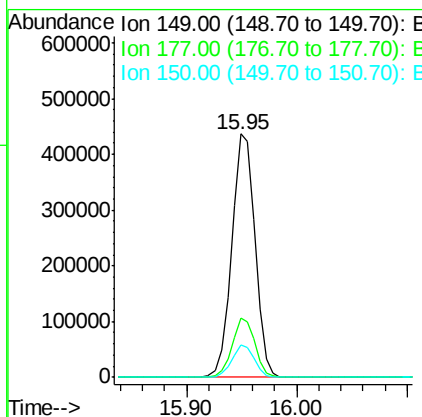
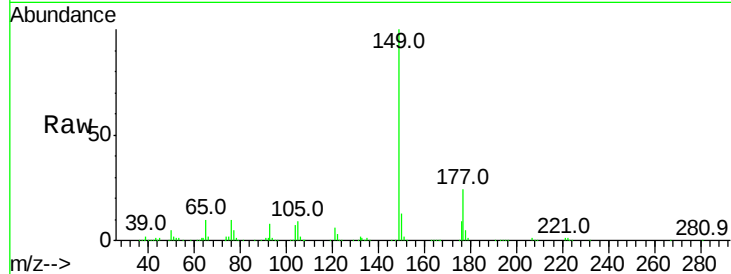
#59  
Diethylphthalate  
Concen: 45.91 ng  
RT: 15.95 min Scan# 2087  
Delta R.T. -0.01 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 643484 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 24.2  | 20.1  | 30.1   |
| 150       | 13.3  | 10.2  | 15.2   |

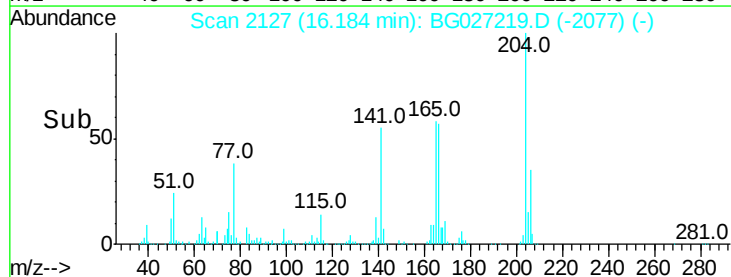
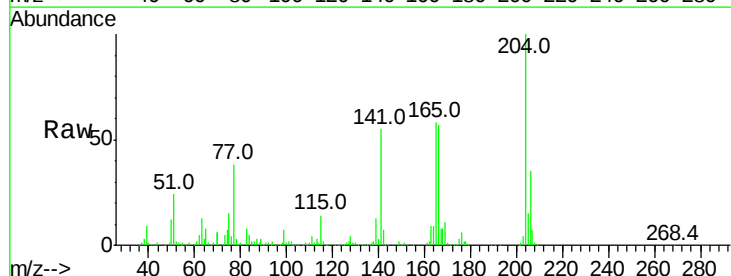
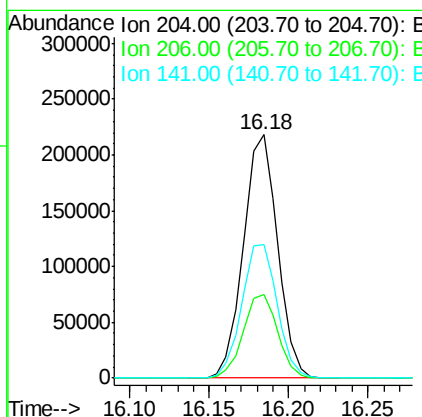
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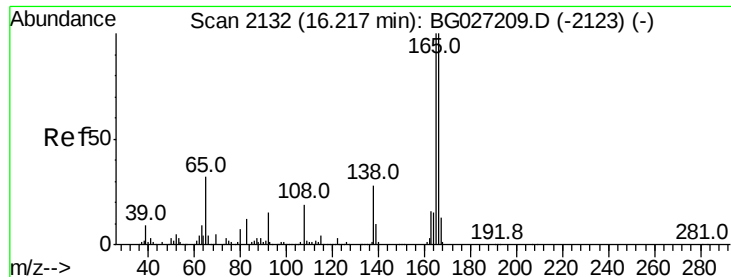
mohammad  
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#60  
4-Chlorophenyl-phenylether  
Concen: 43.73 ng  
RT: 16.18 min Scan# 2127  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 326233 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 34.5  | 30.1  | 45.1   |
| 141       | 54.8  | 50.6  | 76.0   |





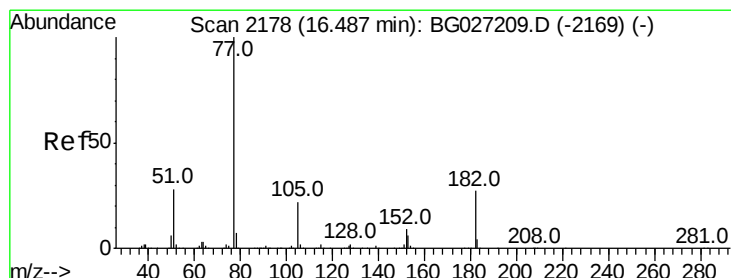
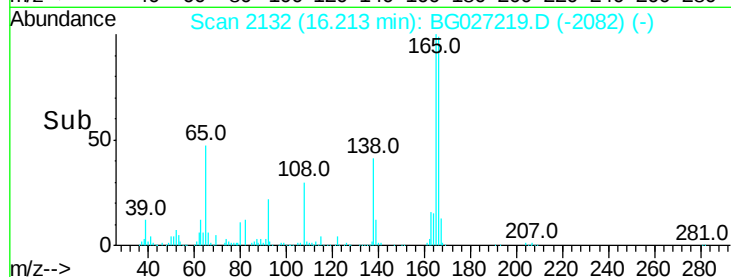
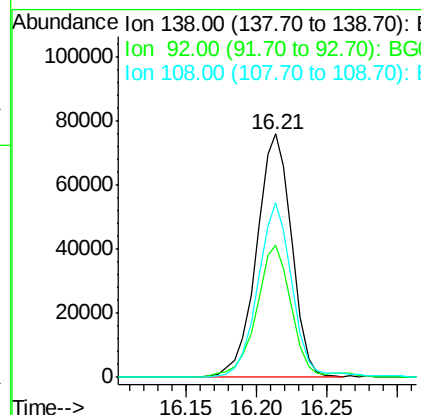
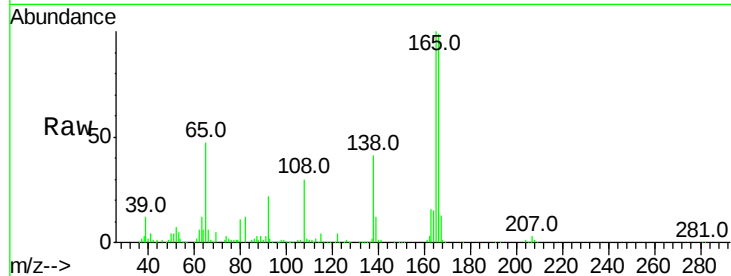
#61  
 4-Nitroaniline  
 Concen: 44.19 ng  
 RT: 16.21 min Scan# 2132  
 Delta R.T. -0.00 min  
 Lab File: BG027219.D  
 Acq: 5 Jun 2017 19:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB99457BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   |       |       |       |
| 92      | 54.2  | 44.2  | 84.2  |       |
| 108     | 71.9  | 104.8 | 144.8 |       |

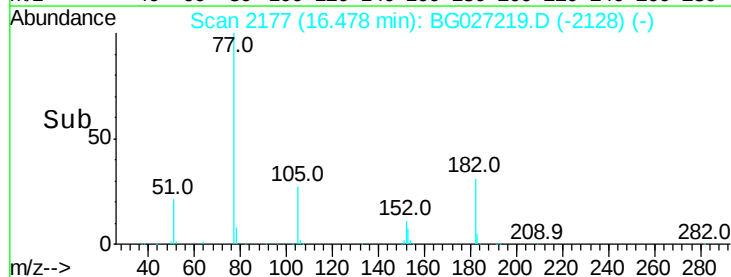
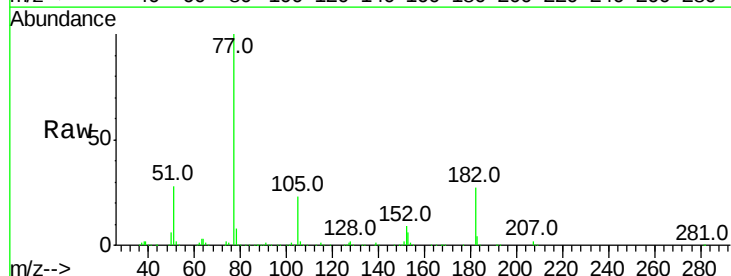
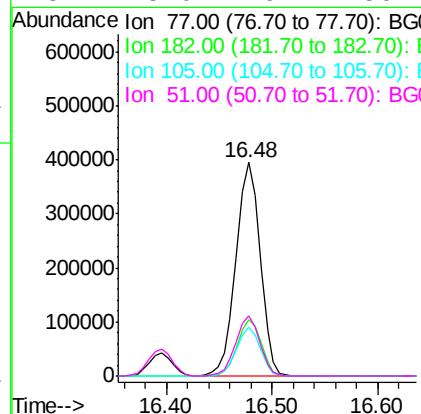
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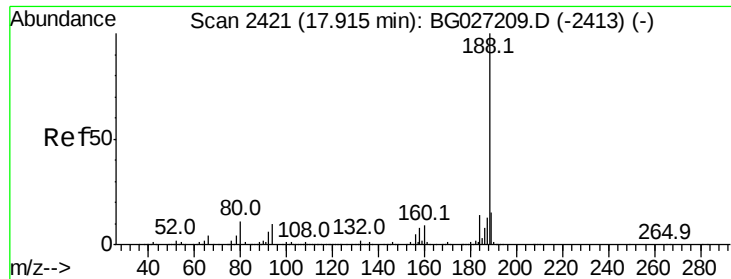
mohammad  
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#62  
 Azobenzene  
 Concen: 48.08 ng  
 RT: 16.48 min Scan# 2177  
 Delta R.T. -0.01 min  
 Lab File: BG027219.D  
 Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 182     | 26.6  | 4.7  | 44.7  |       |
| 105     | 23.0  | 0.0  | 36.3  |       |
| 51      | 28.0  | 16.4 | 56.4  |       |





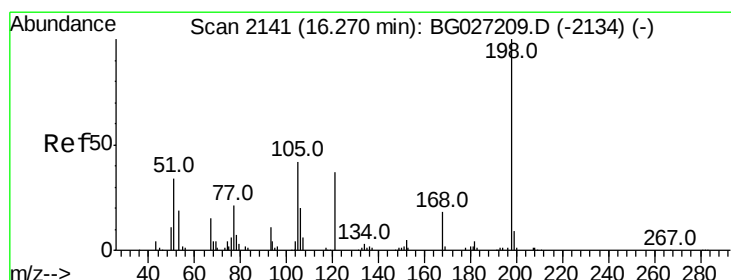
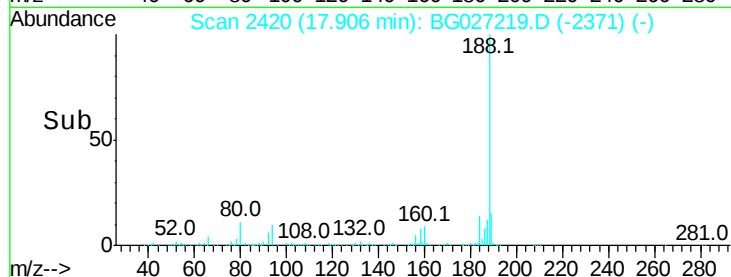
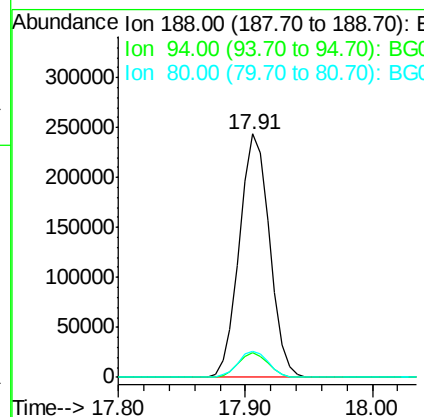
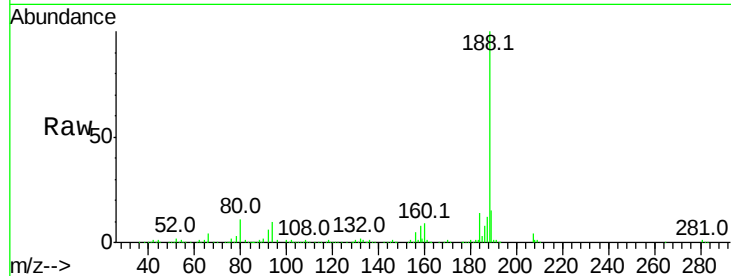
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.91 min Scan# 2420  
Delta R.T. -0.01 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 10.1  | 5.8        | 8.8#  |
| 80      | 10.9  | 7.5        | 11.3  |

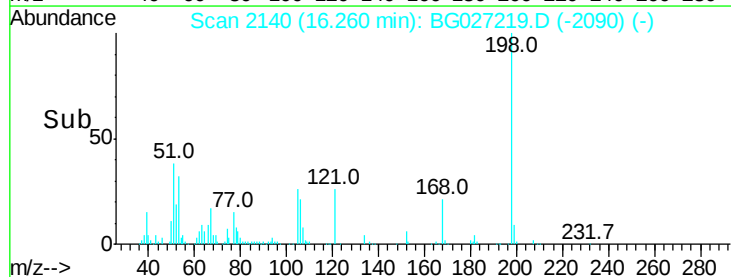
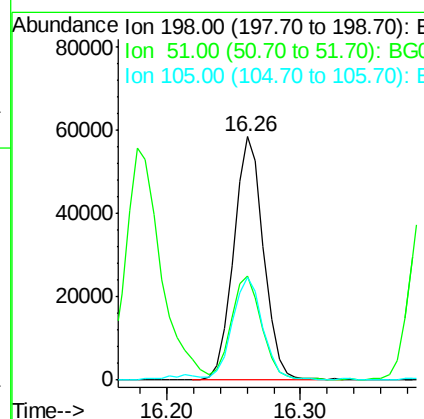
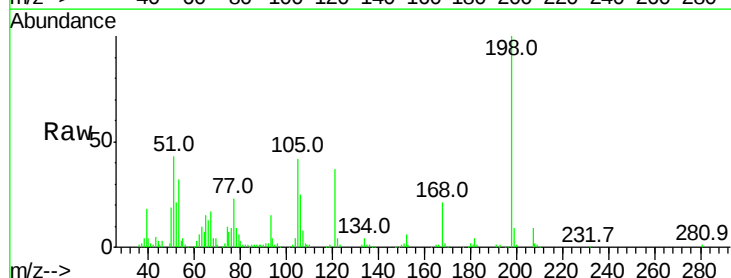
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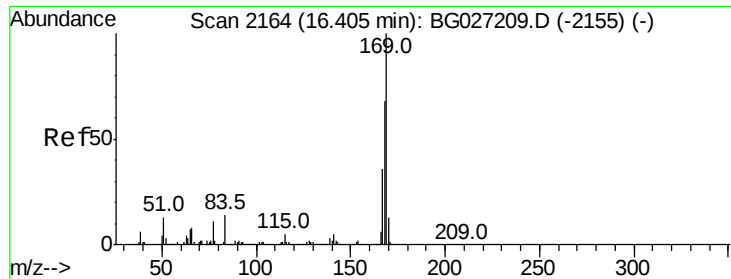
mohammad  
6/6/2017 5:14:07 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 50.42 ng  
RT: 16.26 min Scan# 2140  
Delta R.T. -0.01 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 43.0  | 22.6       | 62.6  |
| 105     | 42.3  | 14.4       | 54.4  |





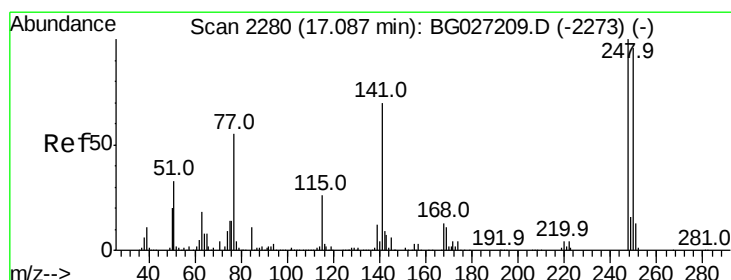
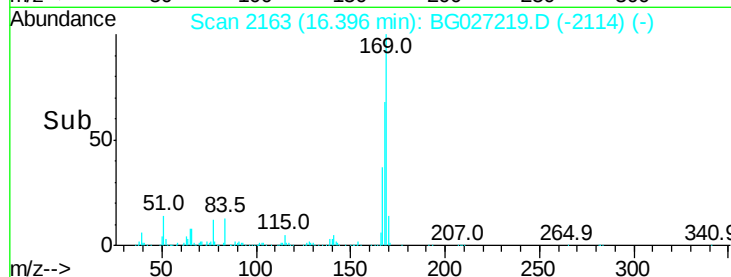
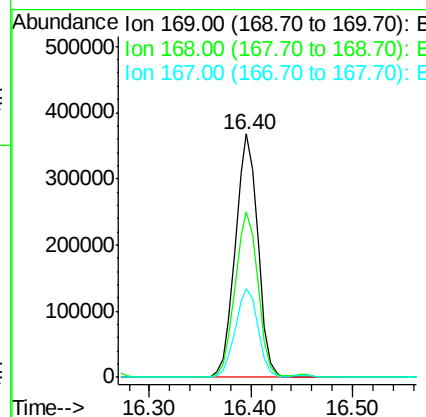
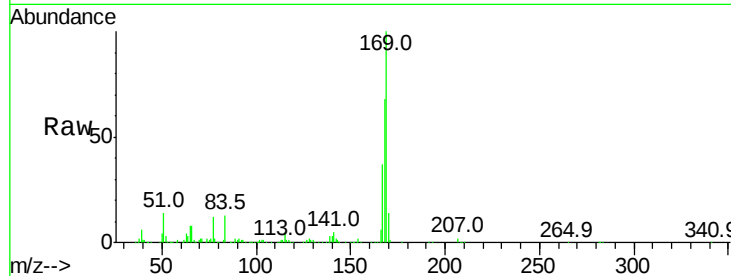
#65  
n-Nitrosodiphenylamine  
Concen: 45.12 ng  
RT: 16.40 min Scan# 2163  
Delta R.T. -0.01 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 565239 |       |       |
| 168     | 67.8  |        | 55.7  | 83.5  |
| 167     | 36.6  |        | 29.8  | 44.6  |

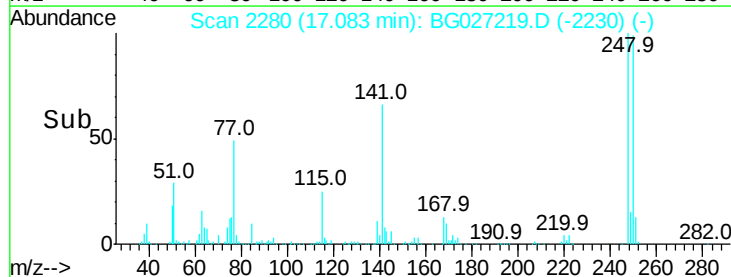
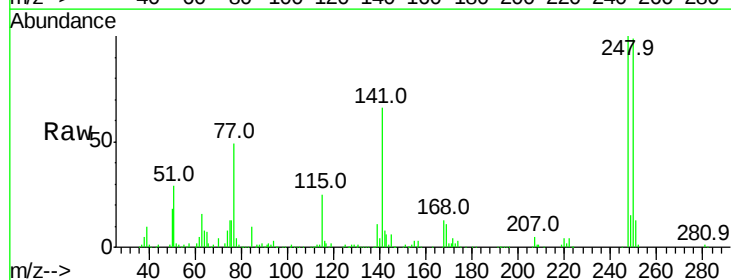
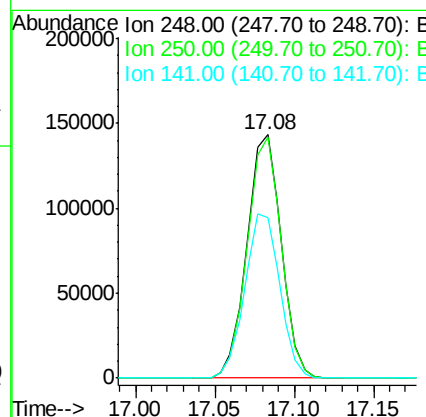
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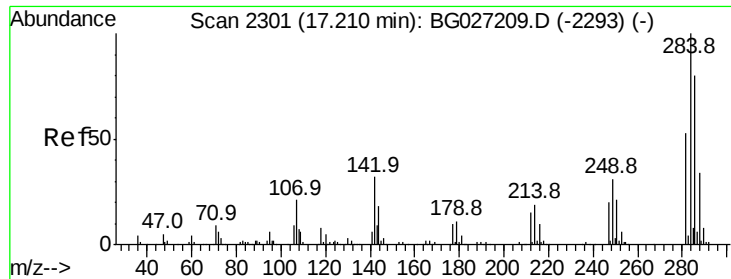
mohammad  
6/6/2017 5:14:07 PM



#66  
4-Bromophenyl-phenylether  
Concen: 45.62 ng  
RT: 17.08 min Scan# 2280  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 215754 |       |       |
| 250     | 99.2  |        | 75.0  | 112.6 |
| 141     | 65.7  |        | 55.2  | 82.8  |





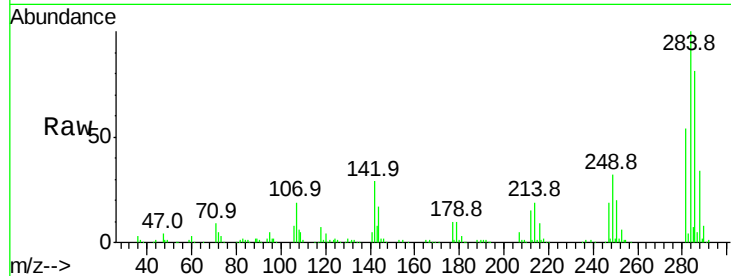
#67  
Hexachlorobenzene  
Concen: 44.71 ng  
RT: 17.21 min Scan# 2301  
Delta R.T. -0.00 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

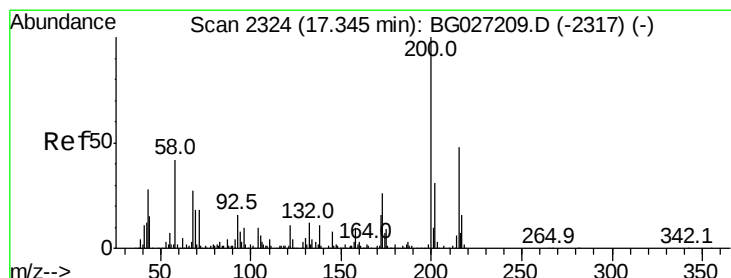
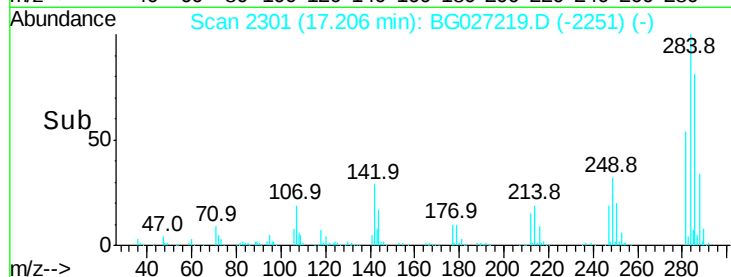
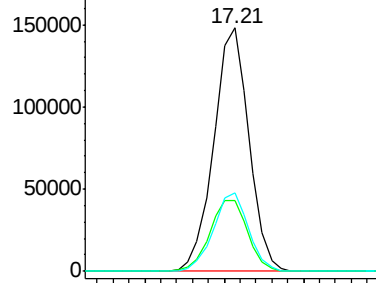
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 284     | 100   |            |       |
| 142     | 29.1  | 29.9       | 44.9# |
| 249     | 32.1  | 29.2       | 43.8  |

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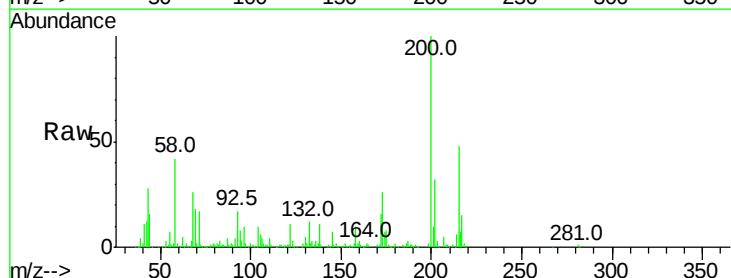


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

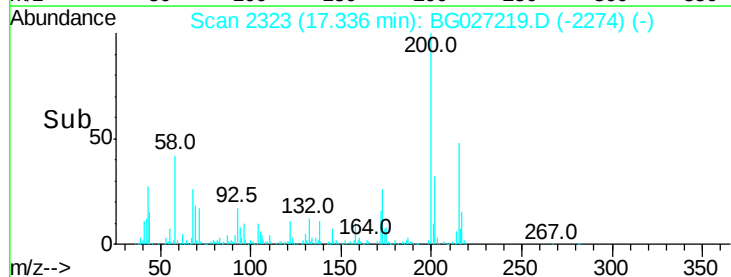
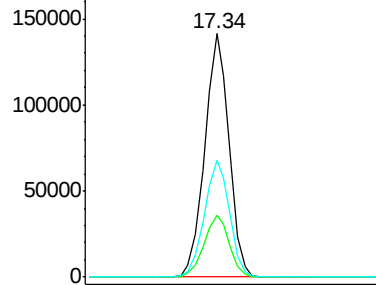


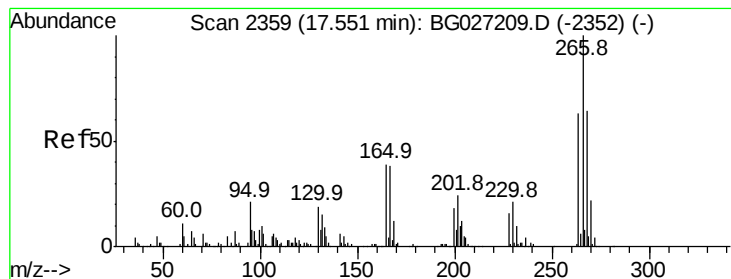
#68  
Atrazine  
Concen: 46.96 ng  
RT: 17.34 min Scan# 2323  
Delta R.T. -0.01 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 25.6  | 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: 92.72 ng

RT: 17.55 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

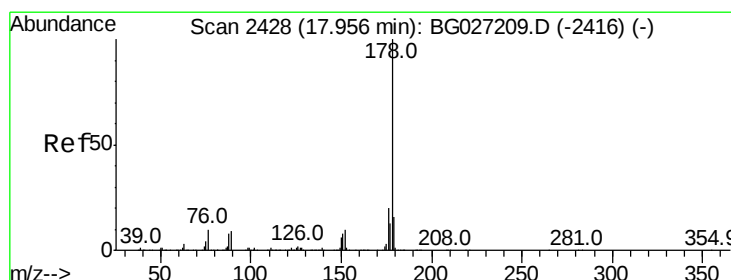
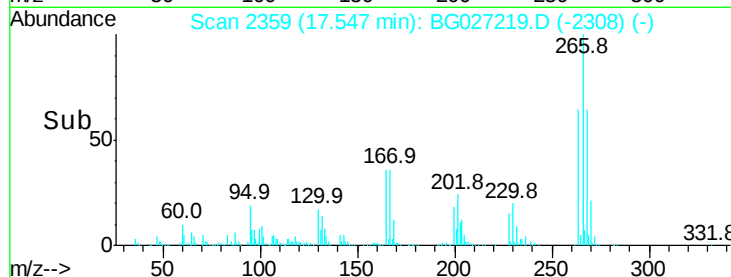
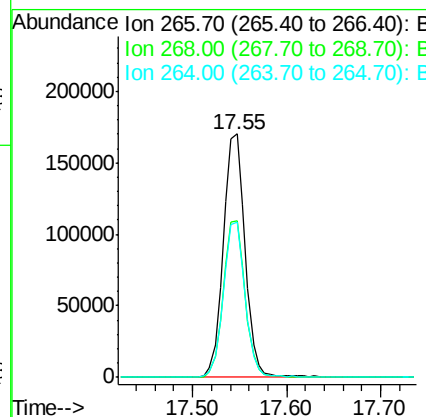
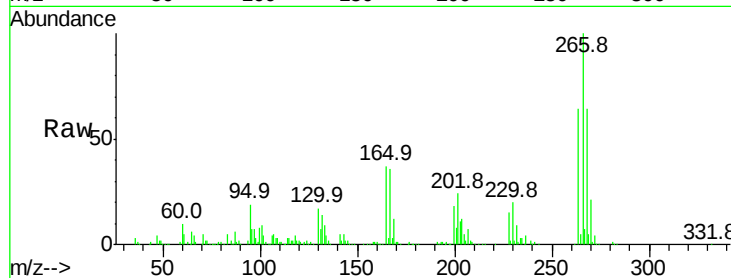
ClientSampleId :

PB99457BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 266   | Resp: | 276491 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 64.4  | 48.6  | 72.8   |
| 264       | 63.9  | 50.1  | 75.1   |

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#70

Phenanthrene

Concen: 44.01 ng

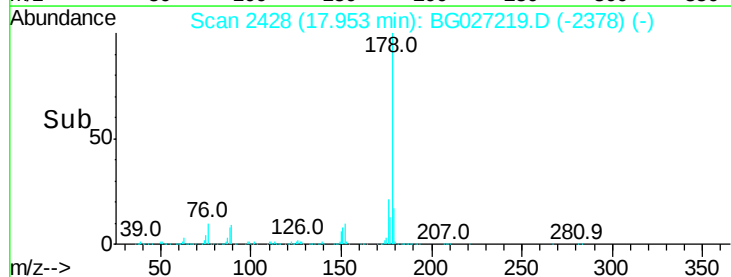
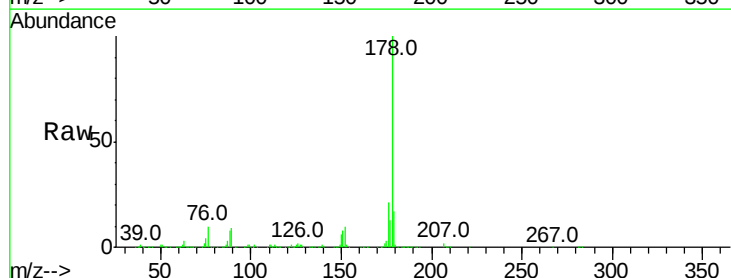
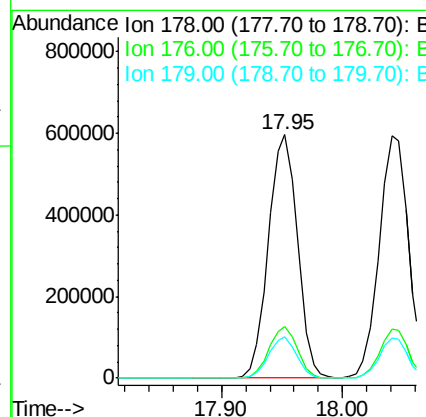
RT: 17.95 min Scan# 2428

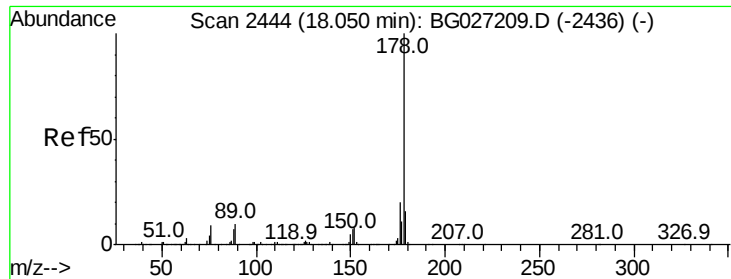
Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 989520 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 21.3  | 17.7  | 26.5   |
| 179       | 16.9  | 15.0  | 22.6   |





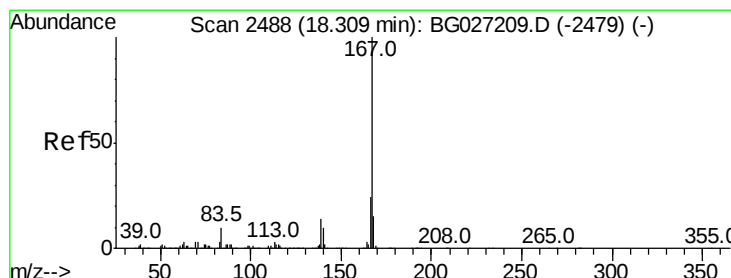
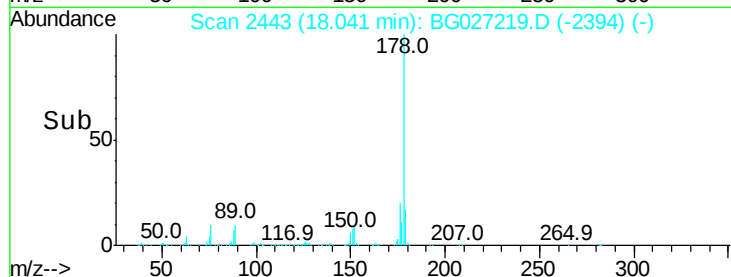
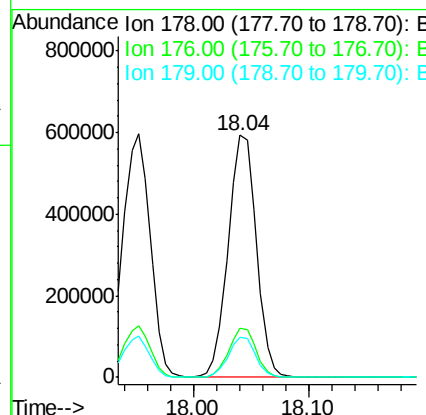
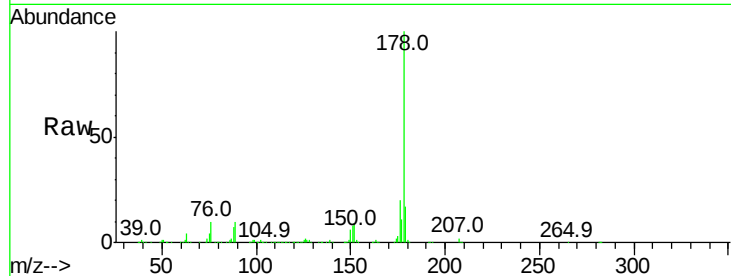
#71  
 Anthracene  
 Concen: 44.41 ng  
 RT: 18.04 min Scan# 2443  
 Delta R.T. -0.01 min  
 Lab File: BG027219.D  
 Acq: 5 Jun 2017 19:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB99457BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.4  | 16.4  | 24.6  |
| 179     | 16.7  | 13.8  | 20.8  |

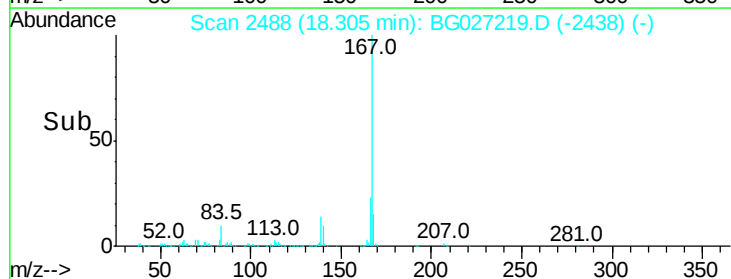
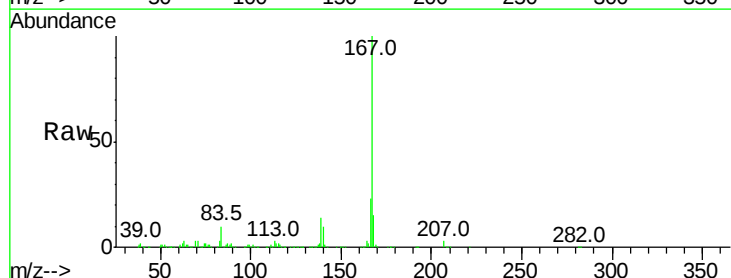
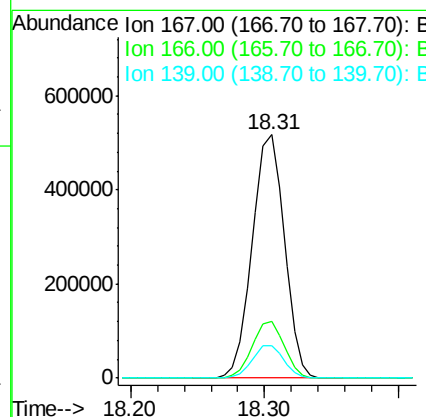
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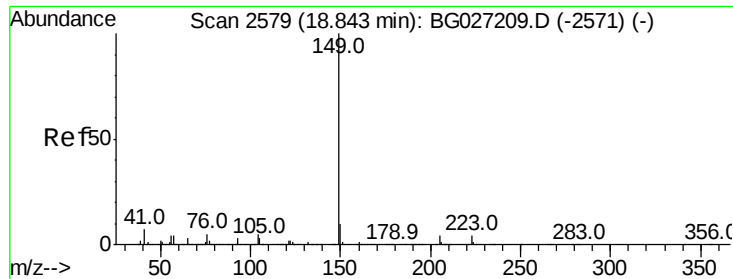
mohammad  
 6/6/2017 5:14:07 PM



#72  
 Carbazole  
 Concen: 40.49 ng  
 RT: 18.31 min Scan# 2488  
 Delta R.T. -0.00 min  
 Lab File: BG027219.D  
 Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.1  | 20.2  | 30.2  |
| 139     | 13.6  | 12.8  | 19.2  |





#73

Di-n-butylphthalate

Concen: 46.81 ng

RT: 18.84 min Scan# 2579

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

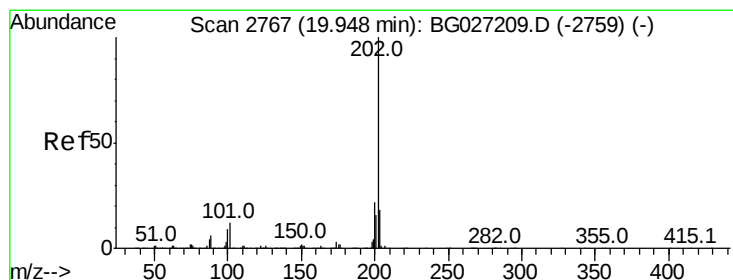
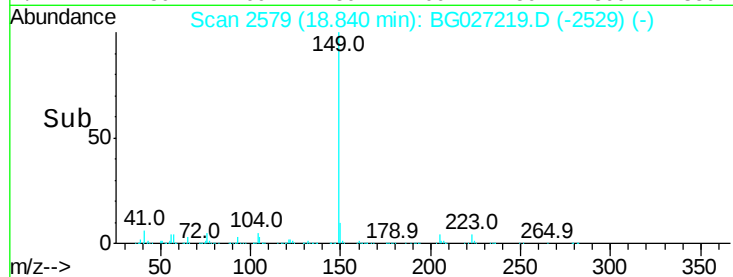
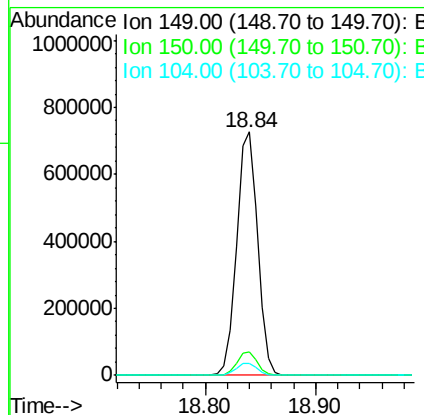
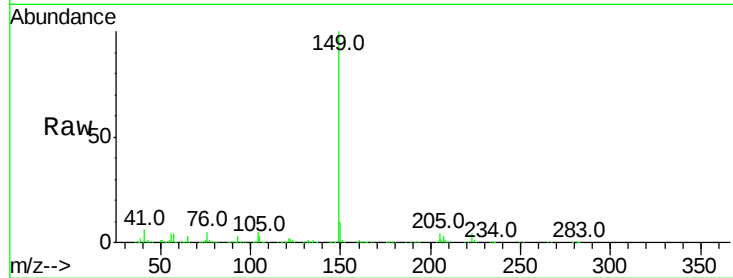
ClientSampleId :

PB99457BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 150     | 9.5   | 9.1  | 13.7  |       |
| 104     | 4.9   | 6.7  | 10.1  |       |

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#74

Fluoranthene

Concen: 44.01 ng

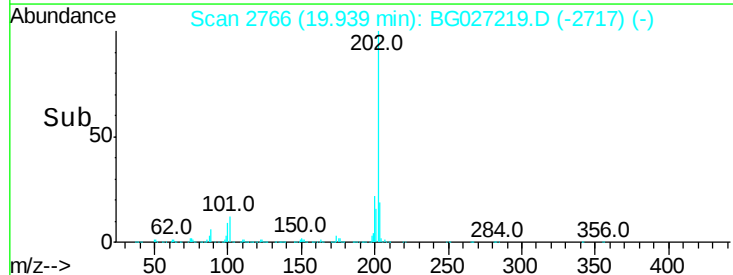
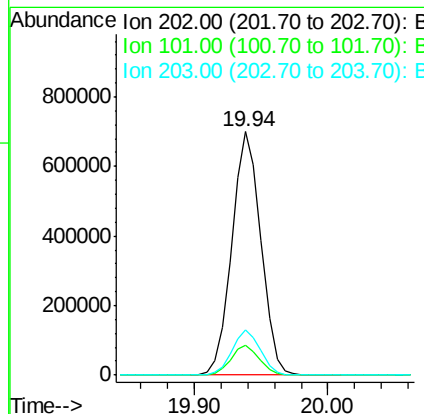
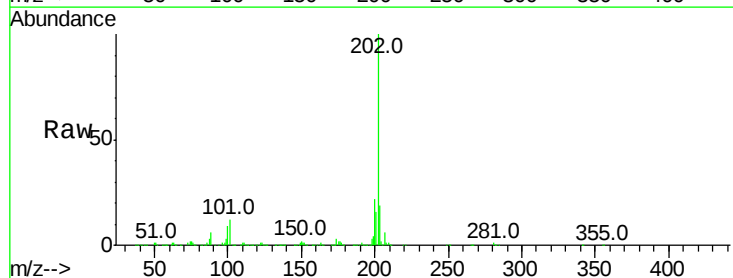
RT: 19.94 min Scan# 2766

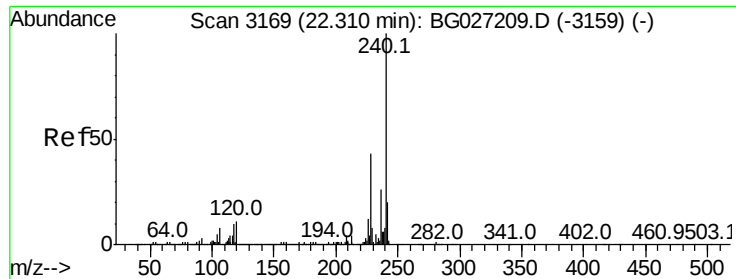
Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 101     | 12.0  | 0.0  | 30.1  |       |
| 203     | 18.8  | 1.3  | 41.3  |       |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.30 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

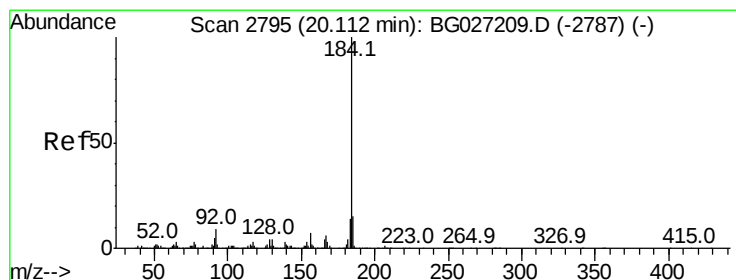
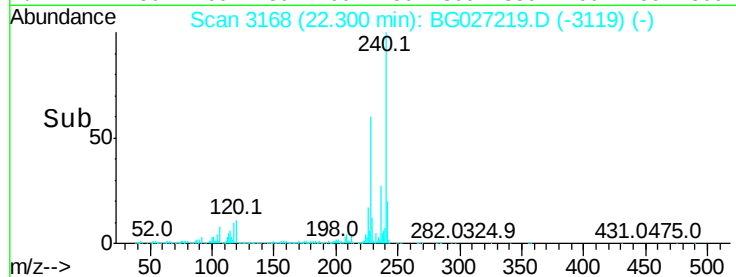
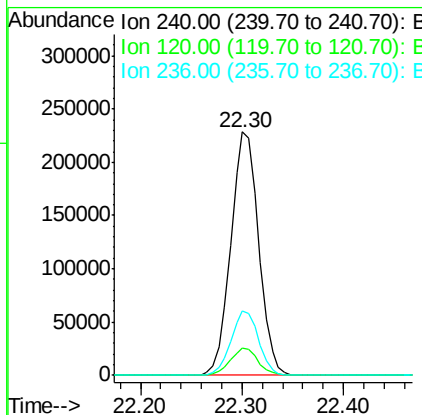
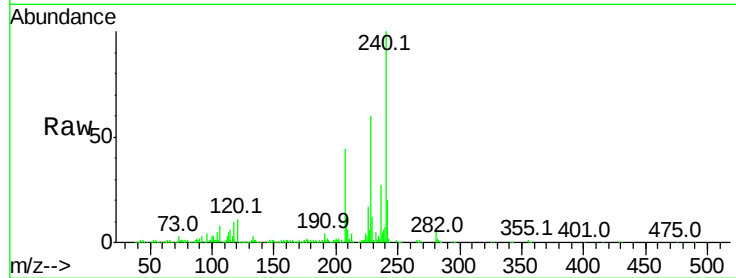
ClientSampleId :

PB99457BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.0  | 5.7   | 8.5#  |
| 236     | 26.7  | 22.2  | 33.4  |

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#76

Benzidine

Concen: 17.71 ng

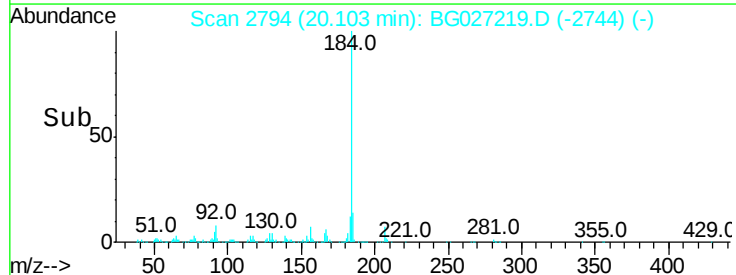
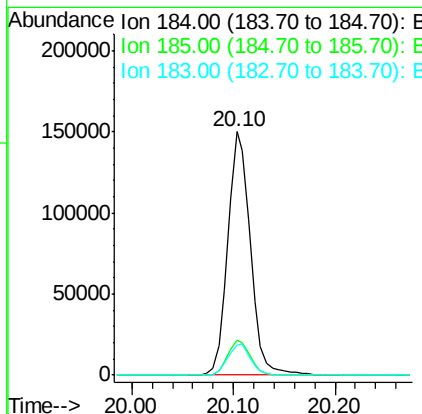
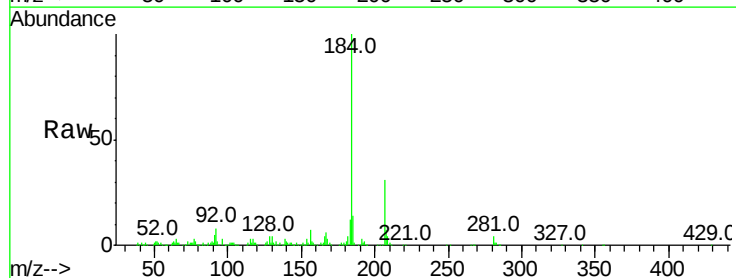
RT: 20.10 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.3  | 13.0  | 19.6  |
| 183     | 12.5  | 11.0  | 16.6  |





#77

Pvrene

Concen: 41.47 ng

RT: 20.30 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA\_G

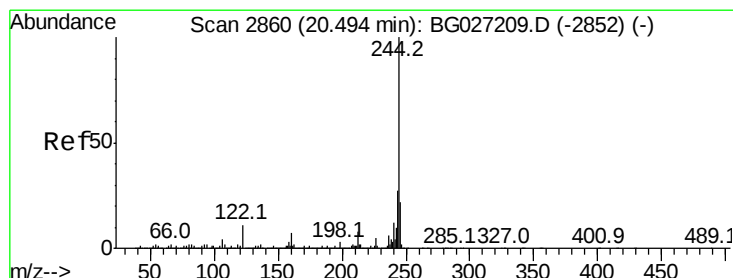
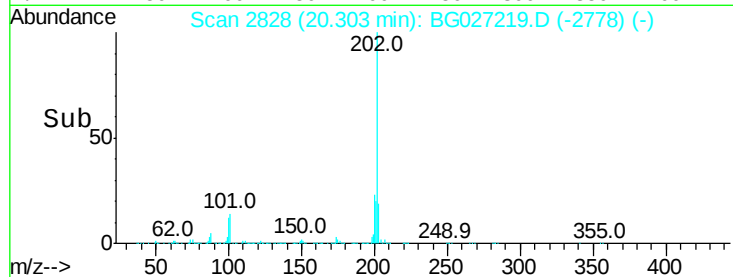
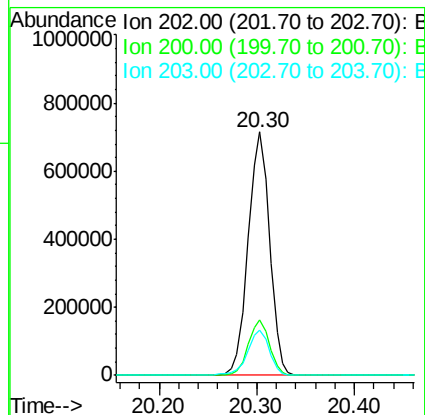
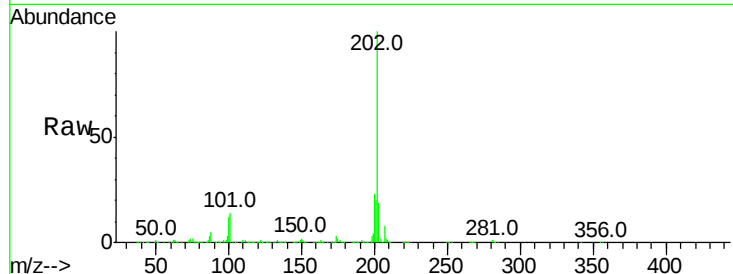
ClientSampleId :

PB99457BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1089548 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 22.9  | 19.6  | 29.4    |
| 203      | 18.8  | 15.8  | 23.8    |

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#78

Terphenyl-d14

Concen: 87.60 ng

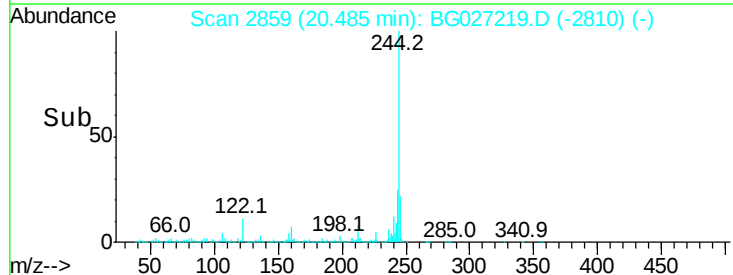
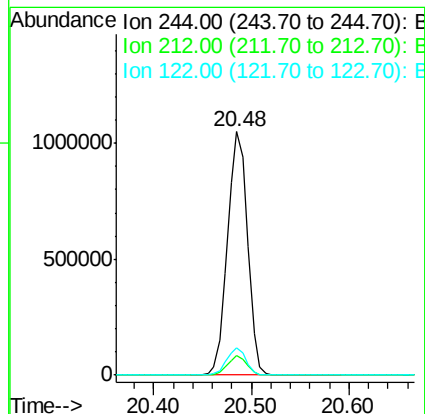
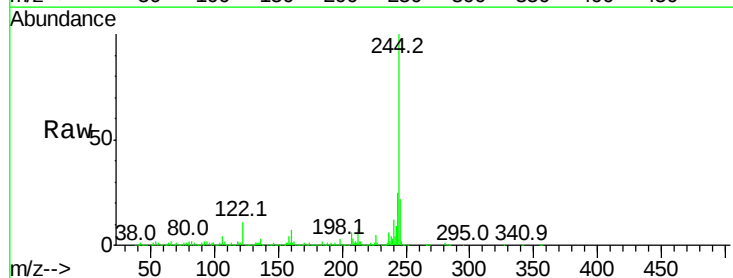
RT: 20.48 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 1493350 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 8.1   | 10.0  | 15.0#   |
| 122      | 11.4  | 8.6   | 12.8    |





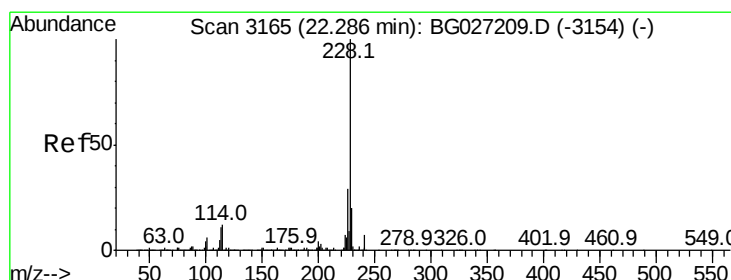
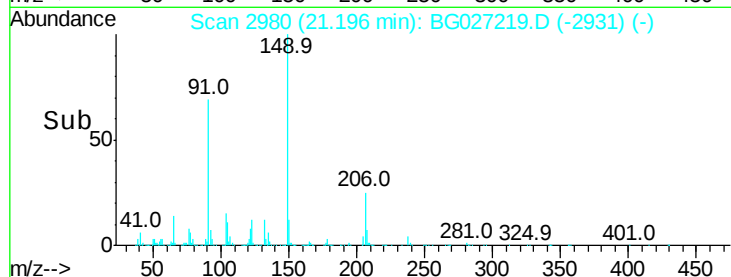
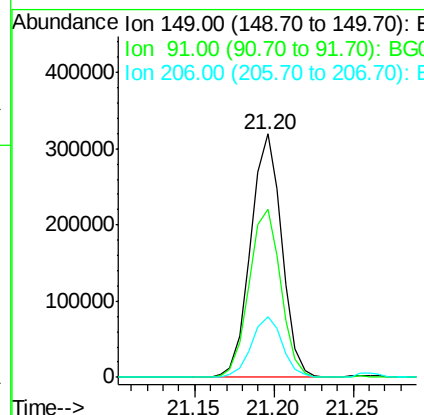
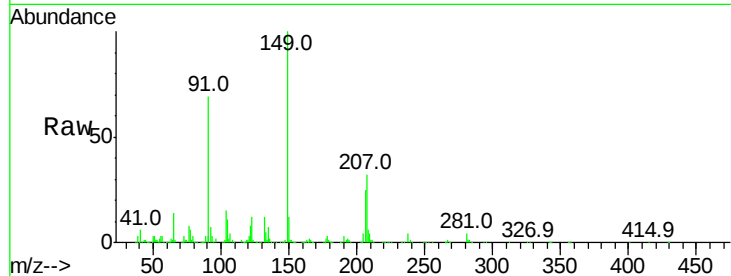
#79  
Butylbenzylphthalate  
Concen: 46.55 ng  
RT: 21.20 min Scan# 2980  
Delta R.T. -0.01 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.1  | 63.5  | 95.3  |
| 206     | 24.8  | 21.0  | 31.6  |

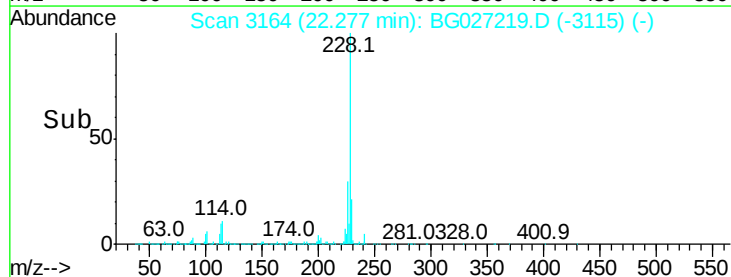
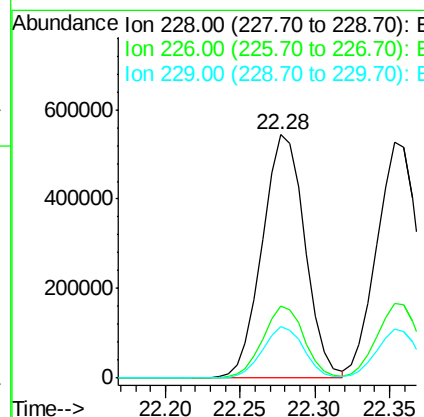
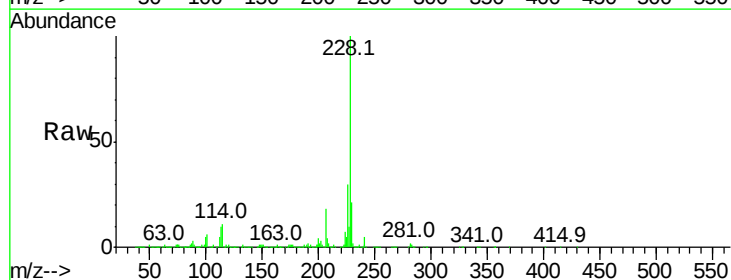
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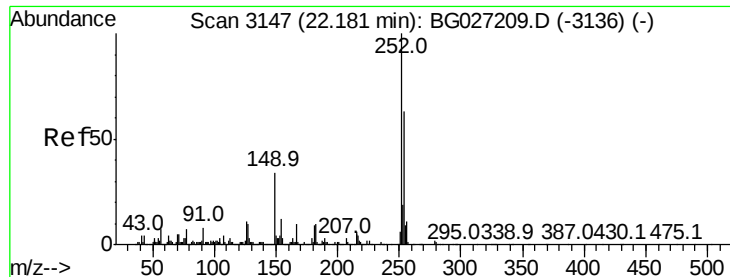
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#80  
Benzo(a)anthracene  
Concen: 43.62 ng  
RT: 22.28 min Scan# 3164  
Delta R.T. -0.01 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.7  | 24.9  | 37.3  |
| 229     | 21.4  | 18.2  | 27.2  |





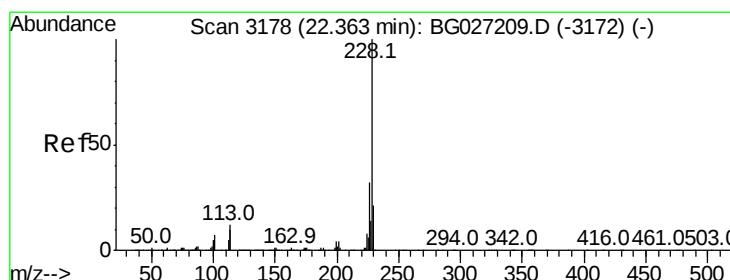
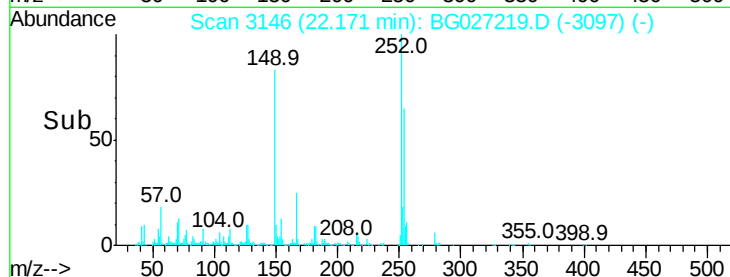
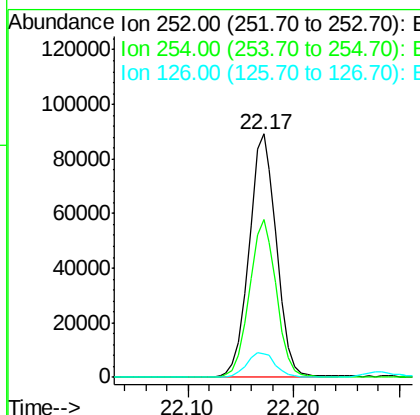
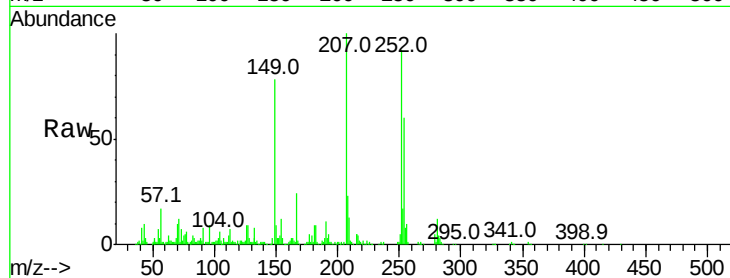
#81  
 3,3'-Dichlorobenzidine  
 Concen: 16.74 ng  
 RT: 22.17 min Scan# 3146  
 Delta R.T. -0.01 min  
 Lab File: BG027219.D  
 Acq: 5 Jun 2017 19:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB99457BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.1  | 53.1  | 79.7  |
| 126     | 9.8   | 7.0   | 10.4  |

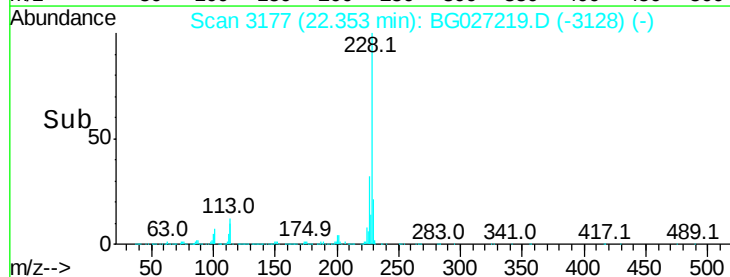
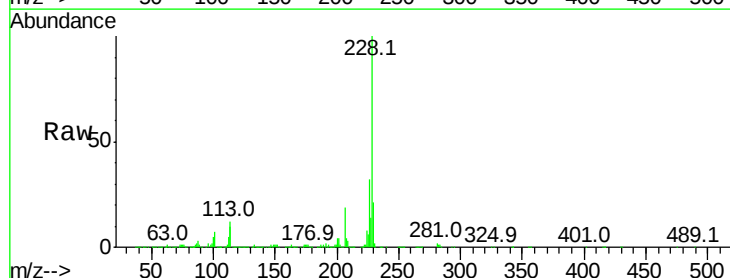
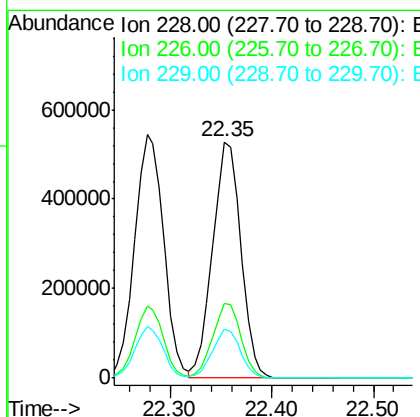
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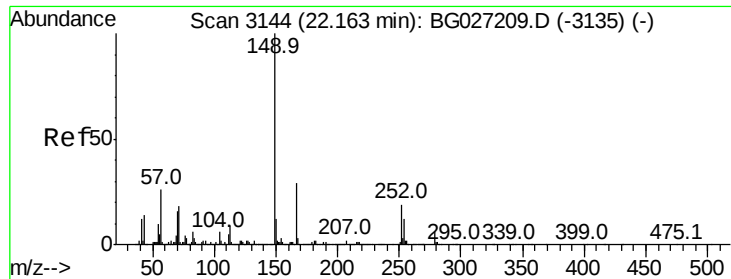
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#82  
 Chrysene  
 Concen: 42.90 ng  
 RT: 22.35 min Scan# 3177  
 Delta R.T. -0.01 min  
 Lab File: BG027219.D  
 Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.8  | 27.0  | 40.4  |
| 229     | 20.6  | 17.8  | 26.6  |





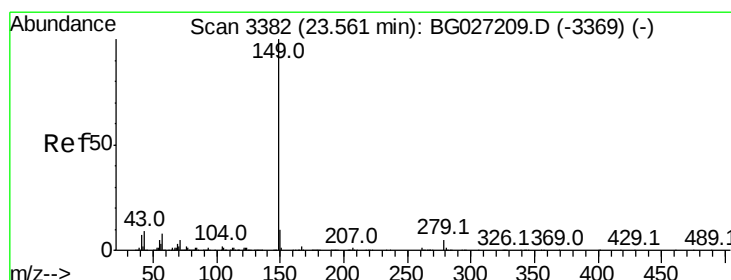
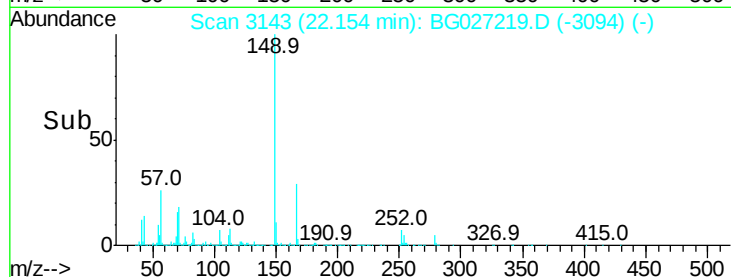
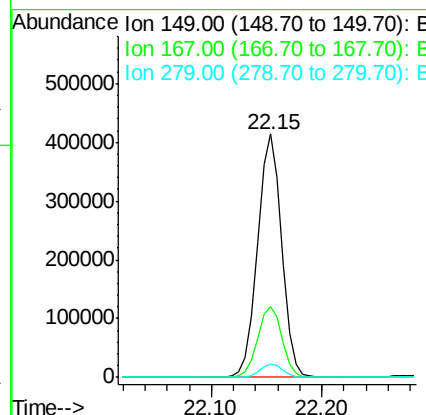
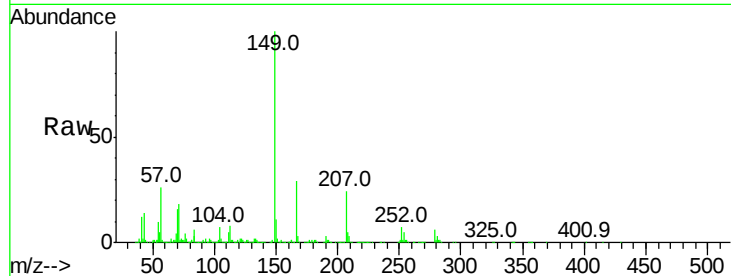
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.85 ng  
 RT: 22.15 min Scan# 3143  
 Delta R.T. -0.01 min  
 Lab File: BG027219.D  
 Acq: 5 Jun 2017 19:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB99457BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.3  | 23.7  | 35.5  |
| 279     | 5.5   | 4.6   | 6.8   |

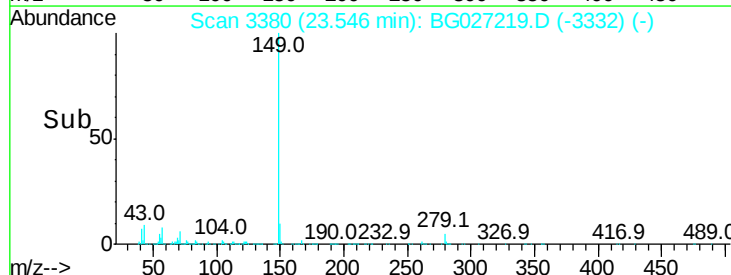
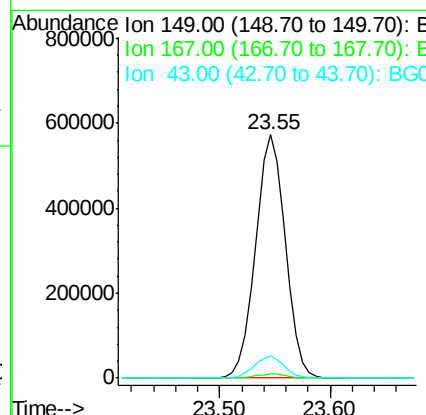
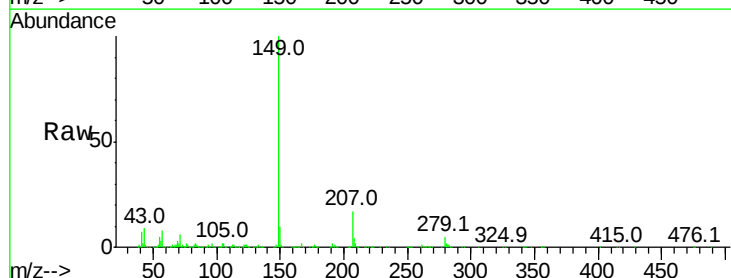
Manual Integrations  
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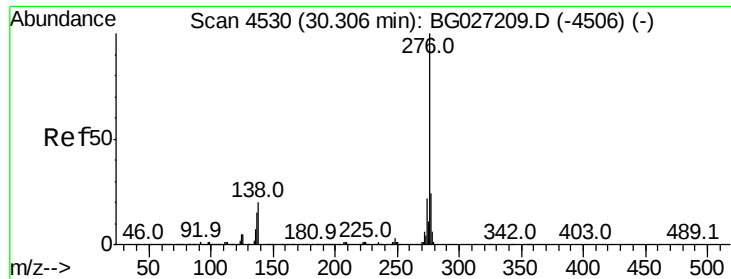
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#84  
 Di-n-octyl phthalate  
 Concen: 46.50 ng  
 RT: 23.55 min Scan# 3380  
 Delta R.T. -0.02 min  
 Lab File: BG027219.D  
 Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.4   | 2.2   |
| 43      | 9.0   | 11.8  | 17.6  |





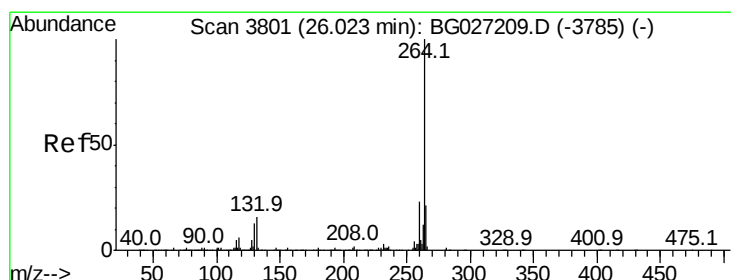
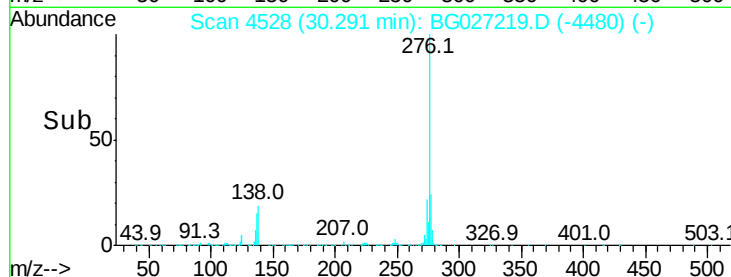
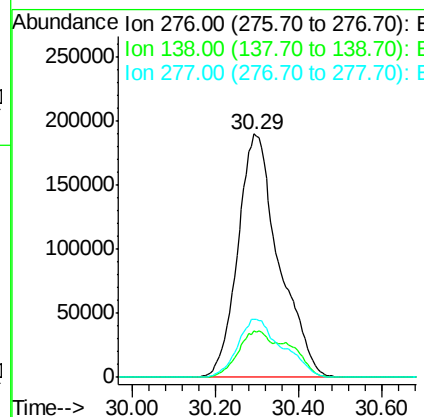
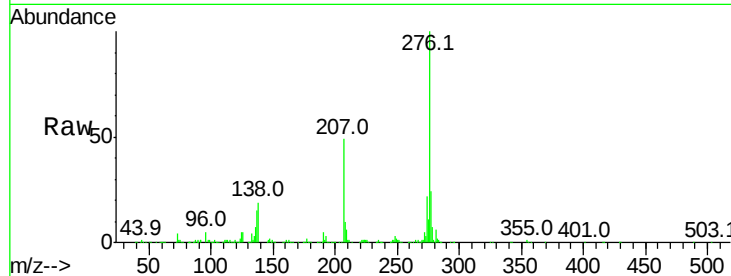
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 45.09 ng  
RT: 30.29 min Scan# 4528  
Delta R.T. -0.02 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

Tot Ion:276 Resp: 1300275  
Ion Ratio Lower Upper  
276 100  
138 14.9 4.7 7.1#  
277 26.3 20.6 31.0

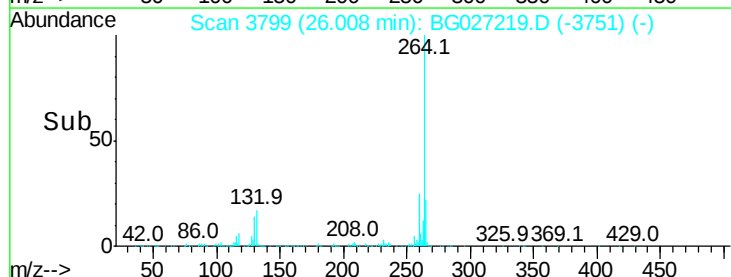
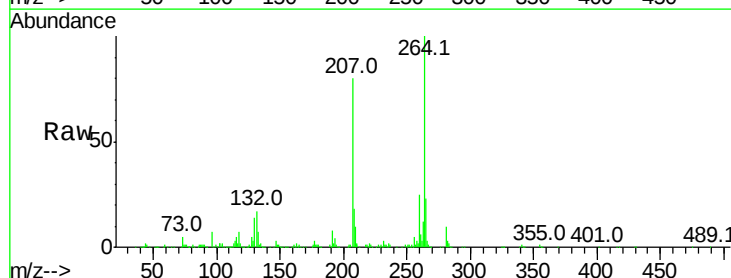
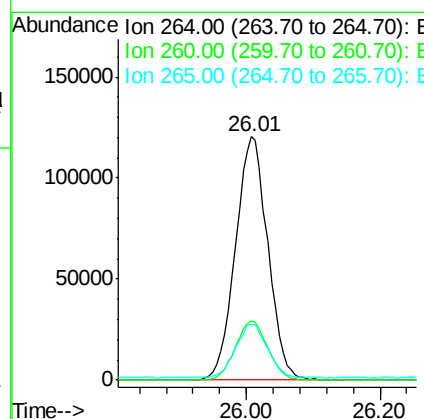
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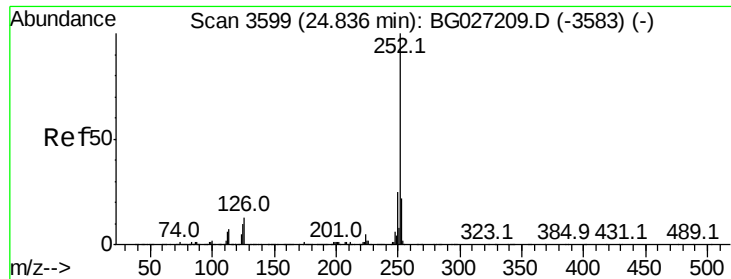
mohammad  
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 26.01 min Scan# 3799  
Delta R.T. -0.02 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Tgt Ion:264 Resp: 404615  
Ion Ratio Lower Upper  
264 100  
260 24.6 21.8 32.8  
265 22.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 43.98 ng

RT: 24.82 min Scan# 3597

Delta R.T. -0.02 min

Lab File: BG027219.D

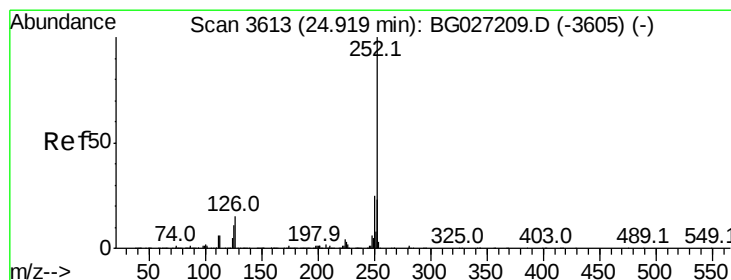
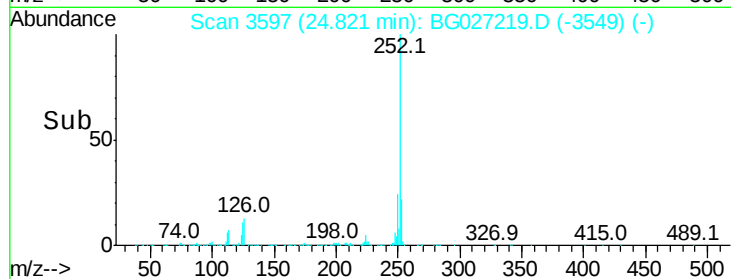
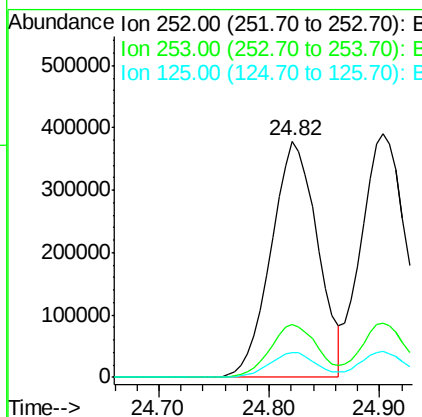
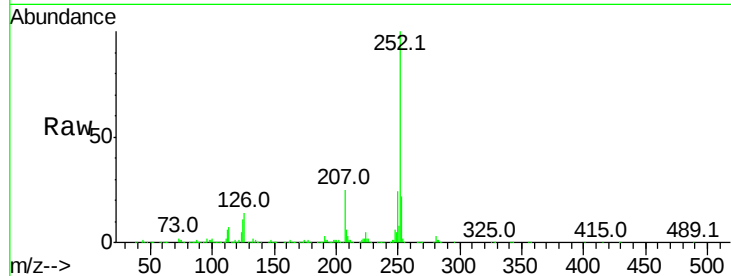
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.7  | 28.1  |
| 125     | 10.7  | 5.3   | 7.9#  |

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#88

Benzo(k)fluoranthene

Concen: 44.43 ng

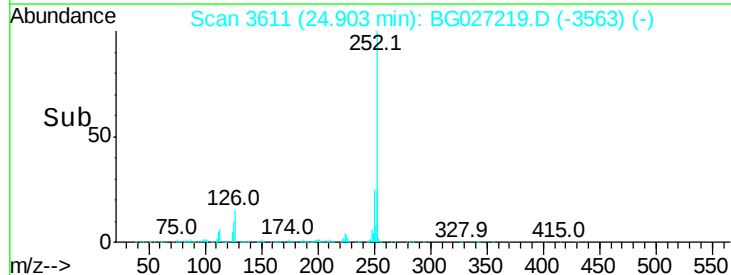
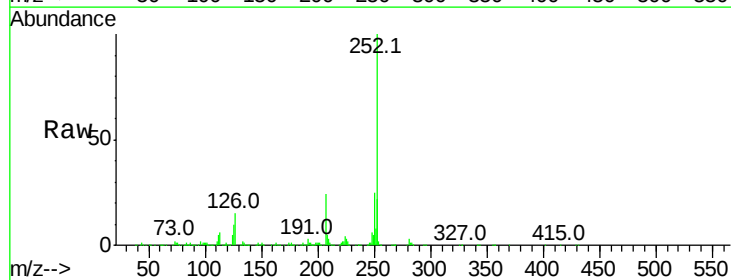
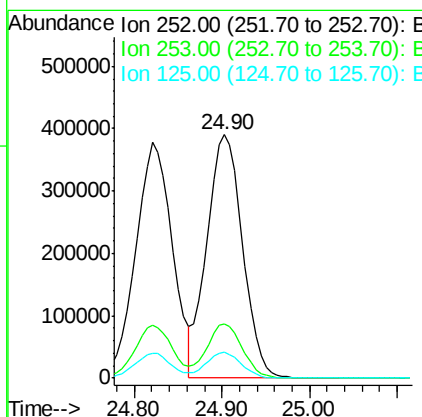
RT: 24.90 min Scan# 3611

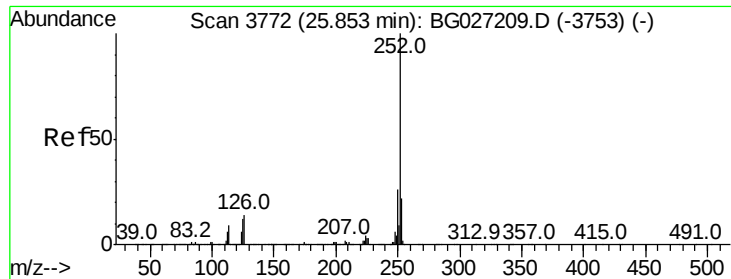
Delta R.T. -0.02 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 20.2  | 30.2  |
| 125     | 10.4  | 5.1   | 7.7#  |





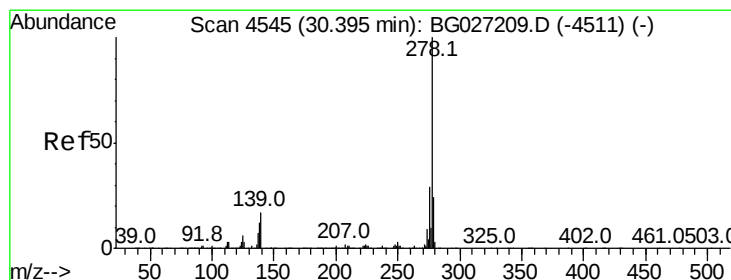
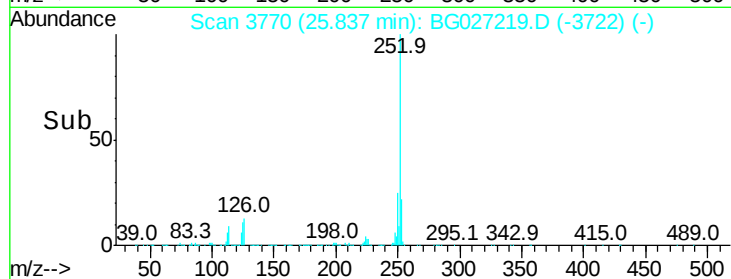
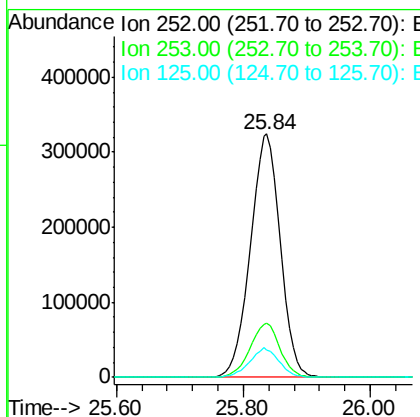
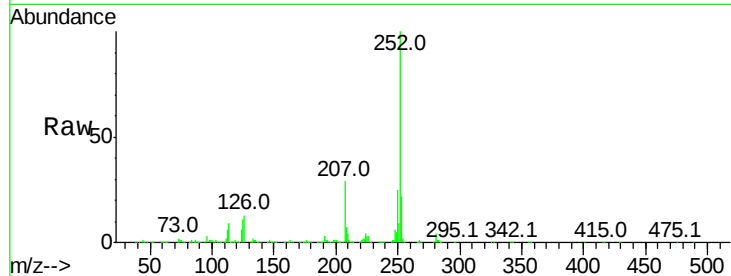
#89  
Benzo(a)pyrene  
Concen: 45.10 ng  
RT: 25.84 min Scan# 3770  
Delta R.T. -0.02 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB99457BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 19.2  | 28.8  |
| 125     | 11.0  | 5.4   | 8.0   |

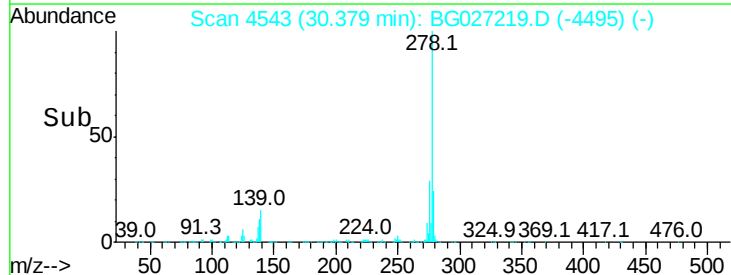
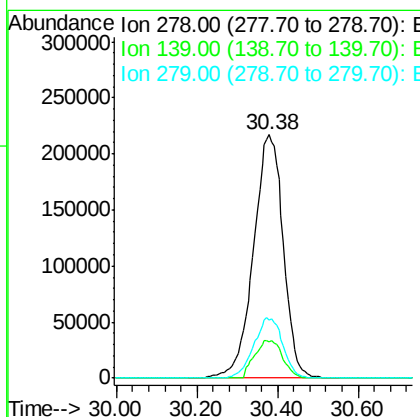
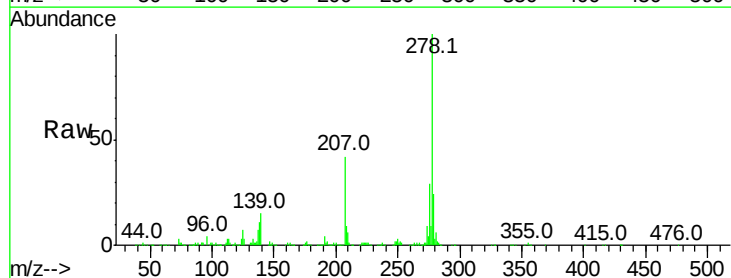
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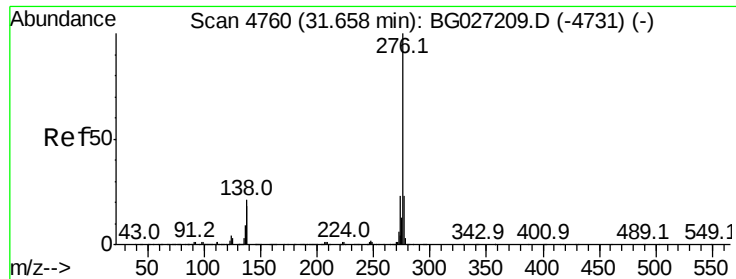
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#90  
Dibenzo(a,h)anthracene  
Concen: 45.02 ng  
RT: 30.38 min Scan# 4543  
Delta R.T. -0.02 min  
Lab File: BG027219.D  
Acq: 5 Jun 2017 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.0  | 7.7   | 11.5  |
| 279     | 24.1  | 19.1  | 28.7  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 44.40 ng  
 RT: 31.64 min Scan# 4758  
 Delta R.T. -0.02 min  
 Lab File: BG027219.D  
 Acq: 5 Jun 2017 19:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB99457BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 18.6  | 27.8  |
| 138     | 20.6  | 8.1   | 12.1  |

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