

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\  
 Data File : BG025469.D  
 Acq On : 11 Jan 2017 2:16  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

mohammad  
 1/11/2017 9:11:07 AM

Quant Time: Jan 11 06:36:35 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 10 11:26:22 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.20  | 152  | 64486    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.03 | 136  | 272080   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.83 | 164  | 220951   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.57 | 188  | 513215   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.86 | 240  | 721499   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.27 | 264  | 794443   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.74  | 112 | 303033  | 85.42 | ng | 0.00 |
| 7) Phenol-d6             | 7.36  | 99  | 440875  | 88.24 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.38  | 82  | 536132  | 87.05 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.32 | 330 | 290125  | 81.56 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.45 | 172 | 1140726 | 83.58 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.15 | 244 | 2107600 | 77.45 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.58  | 88  | 63558   | 41.99 | ng | 92     |
| 3) Pyridine                    | 4.00  | 79  | 192882  | 43.96 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.91  | 42  | 113064  | 43.41 | ng | # 96   |
| 6) Aniline                     | 7.52  | 93  | 299444  | 44.23 | ng | 98     |
| 8) 2-Chlorophenol              | 7.76  | 128 | 166792  | 41.68 | ng | 98     |
| 9) Benzaldehyde                | 7.34  | 77  | 143339  | 39.21 | ng | 90     |
| 10) Phenol                     | 7.39  | 94  | 252511  | 45.59 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.62  | 93  | 181671  | 42.57 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 8.09  | 146 | 204181m | 42.16 | ng |        |
| 13) 1,4-Dichlorobenzene        | 8.23  | 146 | 214859  | 42.81 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.56  | 146 | 196760  | 41.08 | ng | 93     |
| 15) Benzyl Alcohol             | 8.45  | 79  | 211256  | 44.29 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.72  | 45  | 353300  | 44.70 | ng | 98     |
| 17) 2-Methylphenol             | 8.65  | 107 | 162637  | 44.71 | ng | 95     |
| 18) Hexachloroethane           | 9.28  | 117 | 83017   | 43.07 | ng | 86     |
| 19) n-Nitroso-di-n-propylamine | 9.00  | 70  | 188862  | 44.75 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.98  | 107 | 226205  | 44.94 | ng | 91     |
| 22) Acetophenone               | 9.04  | 105 | 319646  | 42.28 | ng | # 99   |
| 24) Nitrobenzene               | 9.43  | 77  | 294289  | 43.57 | ng | 98     |
| 25) Isophorone                 | 9.94  | 82  | 491810  | 44.10 | ng | 100    |
| 26) 2-Nitrophenol              | 10.14 | 139 | 111569  | 43.18 | ng | # 91   |
| 27) 2,4-Dimethylphenol         | 10.19 | 122 | 180892  | 42.59 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.42 | 93  | 247966  | 42.82 | ng | 93     |
| 29) 2,4-Dichlorophenol         | 10.68 | 162 | 195586  | 43.03 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.88 | 180 | 233409  | 42.51 | ng | 98     |
| 31) Naphthalene                | 11.08 | 128 | 585963  | 43.13 | ng | 99     |
| 32) Benzoic acid               | 10.35 | 122 | 151674  | 44.40 | ng | 89     |
| 33) 4-Chloroaniline            | 11.20 | 127 | 254327  | 44.50 | ng | 95     |
| 34) Hexachlorobutadiene        | 11.33 | 225 | 181209  | 40.43 | ng | 94     |
| 35) Caprolactam                | 11.97 | 113 | 74474   | 43.61 | ng | # 92   |
| 36) 4-Chloro-3-methylphenol    | 12.31 | 107 | 240441  | 42.86 | ng | 95     |
| 37) 2-Methylnaphthalene        | 12.67 | 142 | 434875  | 43.19 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216 | 310290  | 42.54 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 12.99 | 237 | 92531   | 39.54 | ng | 82     |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\  
 Data File : BG025469.D  
 Acq On : 11 Jan 2017 2:16  
 Operator : UM/SJ  
 Sample : SSTDC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDC040EC

Manual Integrations  
 APPROVED

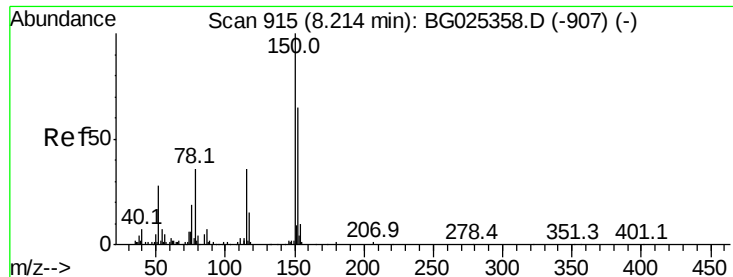
mohammad  
 1/11/2017 9:11:07 AM

Quant Time: Jan 11 06:36:35 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 10 11:26:22 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.28 | 196  | 190690   | 41.52 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.36 | 196  | 200027   | 41.60 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 13.66 | 154  | 630573   | 42.43 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.71 | 162  | 478324   | 41.20 | nq    | 99       |
| 47) 2-Nitroaniline             | 13.93 | 65   | 218960   | 44.68 | nq    | 96       |
| 48) Acenaphthylene             | 14.55 | 152  | 742347   | 41.25 | nq    | 99       |
| 49) Dimethylphthalate          | 14.27 | 163  | 682952   | 42.40 | nq    | # 97     |
| 50) 2,6-Dinitrotoluene         | 14.41 | 165  | 148697   | 42.26 | nq    | 96       |
| 51) Acenaphthene               | 14.89 | 154  | 505524   | 42.95 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.75 | 138  | 149170   | 44.09 | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 14.98 | 184  | 81733    | 38.25 | nq    | # 84     |
| 54) Dibenzofuran               | 15.22 | 168  | 787871   | 42.34 | nq    | 97       |
| 55) 4-Nitrophenol              | 15.08 | 139  | 110173   | 43.60 | nq    | 92       |
| 56) 2,4-Dinitrotoluene         | 15.21 | 165  | 220592   | 43.05 | nq    | # 89     |
| 57) Fluorene                   | 15.87 | 166  | 650140   | 41.73 | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.46 | 232  | 206527   | 40.10 | nq    | 93       |
| 59) Diethylphthalate           | 15.62 | 149  | 702081   | 41.56 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.85 | 204  | 363216   | 41.14 | nq    | 97       |
| 61) 4-Nitroaniline             | 15.92 | 138  | 152736   | 44.87 | nq    | 89       |
| 62) Azobenzene                 | 16.15 | 77   | 705813   | 43.33 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.98 | 198  | 157734   | 44.38 | nq    | 90       |
| 65) n-Nitrosodiphenylamine     | 16.07 | 169  | 583435   | 42.06 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.75 | 248  | 264058   | 41.70 | nq    | 92       |
| 67) Hexachlorobenzene          | 16.87 | 284  | 302945   | 41.70 | nq    | # 86     |
| 68) Atrazine                   | 17.01 | 200  | 213046   | 35.05 | nq    | 100      |
| 69) Pentachlorophenol          | 17.23 | 266  | 142822   | 37.92 | nq    | 95       |
| 70) Phenanthrene               | 17.62 | 178  | 1102319  | 41.68 | nq    | 95       |
| 71) Anthracene                 | 17.71 | 178  | 1128455  | 41.99 | nq    | 98       |
| 72) Carbazole                  | 17.99 | 167  | 1001919  | 41.68 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.50 | 149  | 1210904  | 40.95 | nq    | 97       |
| 74) Fluoranthene               | 19.61 | 202  | 1460423  | 41.81 | nq    | 94       |
| 76) Benzidine                  | 19.79 | 184  | 646985   | 35.95 | nq    | 96       |
| 77) Pyrene                     | 19.98 | 202  | 1511668  | 40.09 | nq    | 98       |
| 79) Butylbenzylphthalate       | 20.83 | 149  | 620948   | 41.01 | nq    | 98       |
| 80) Benzo(a)anthracene         | 21.85 | 228  | 1639276  | 40.73 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.75 | 252  | 667735   | 42.72 | nq    | # 96     |
| 82) Chrysene                   | 21.92 | 228  | 1588845  | 41.17 | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 21.69 | 149  | 883021   | 41.91 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 22.94 | 149  | 1515707  | 43.33 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.20 | 276  | 2135871  | 43.54 | nq    | # 97     |
| 87) Benzo(b)fluoranthene       | 24.18 | 252  | 1740121m | 40.14 | nq    |          |
| 88) Benzo(k)fluoranthene       | 24.25 | 252  | 1747381  | 41.74 | nq    | 99       |
| 89) Benzo(a)pyrene             | 25.11 | 252  | 1718840  | 41.06 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 29.24 | 278  | 1853333  | 41.77 | nq    | # 97     |
| 91) Benzo(g,h,i)perylene       | 30.43 | 276  | 1801815  | 40.86 | nq    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

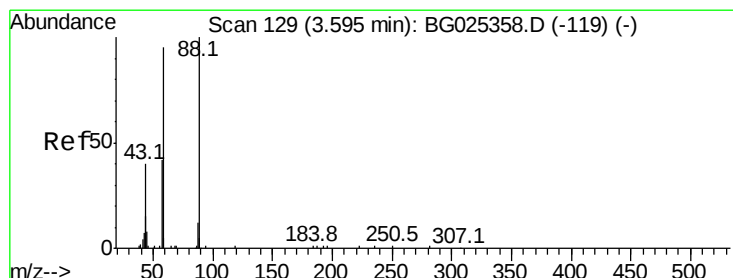
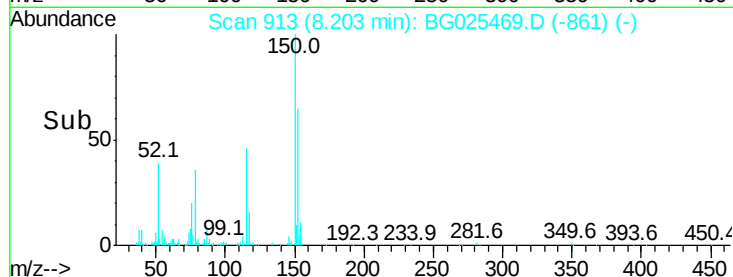
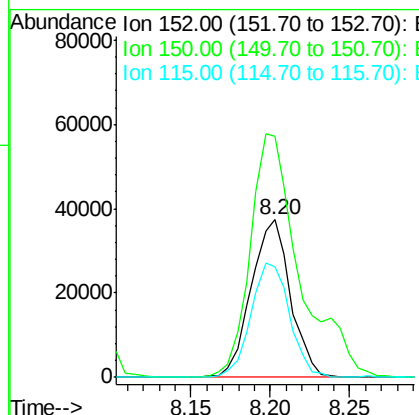
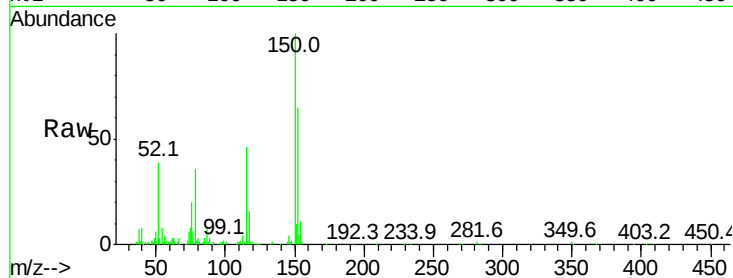
ClientSampleId :

SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.2 | 114.0 | 171.0 |
| 115     | 70.4  | 48.1  | 72.1  |

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#2

1,4-Dioxane

Concen: 41.99 ng

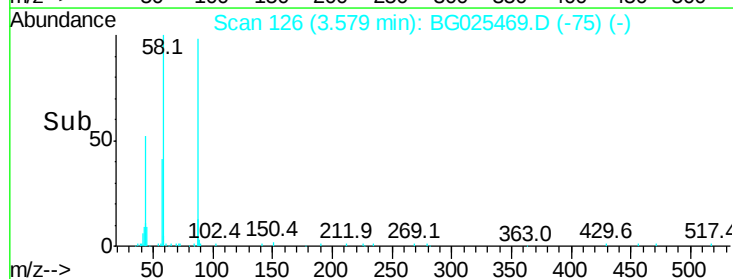
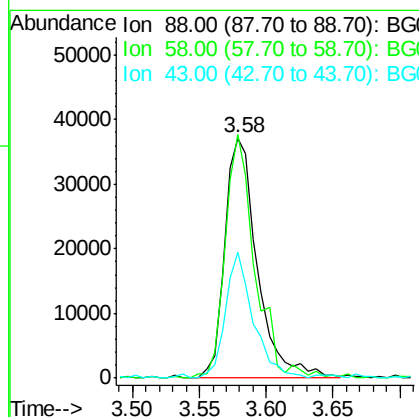
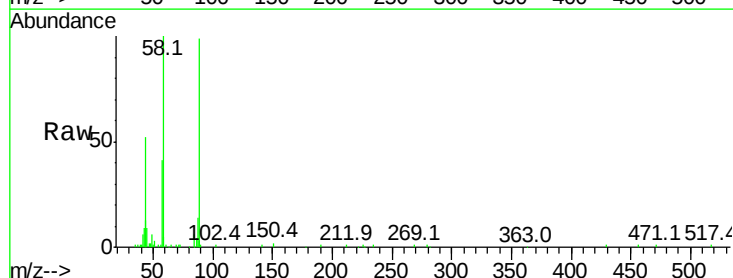
RT: 3.58 min Scan# 126

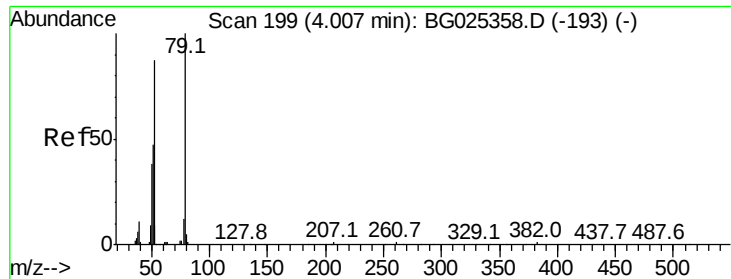
Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 89.9  | 79.4  | 119.2 |
| 43      | 44.9  | 33.8  | 50.6  |





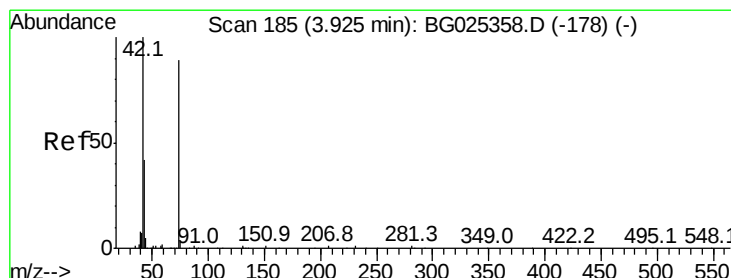
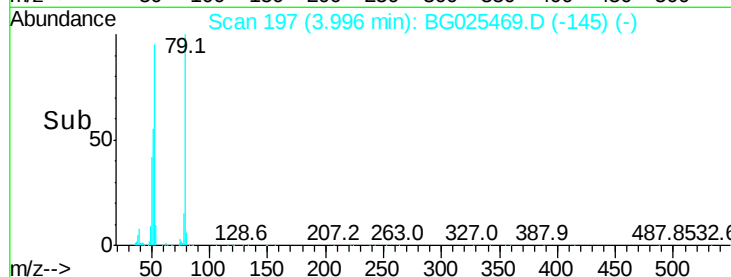
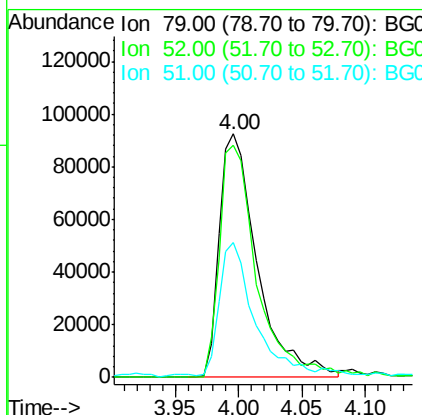
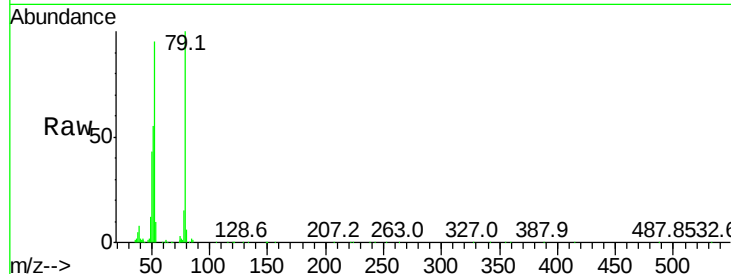
#3  
 Pvridine  
 Concen: 43.96 ng  
 RT: 4.00 min Scan# 197  
 Delta R.T. 0.01 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 95.3  | 77.8  | 116.6 |
| 51      | 55.4  | 43.2  | 64.8  |

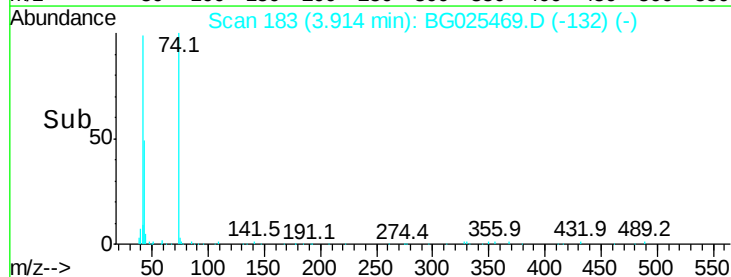
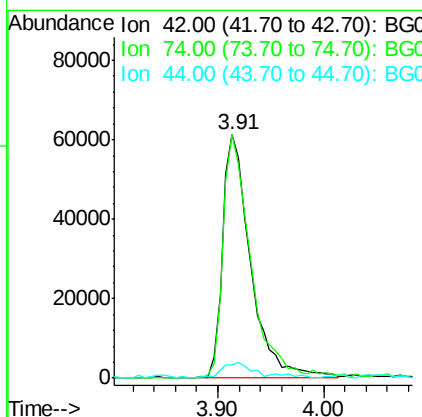
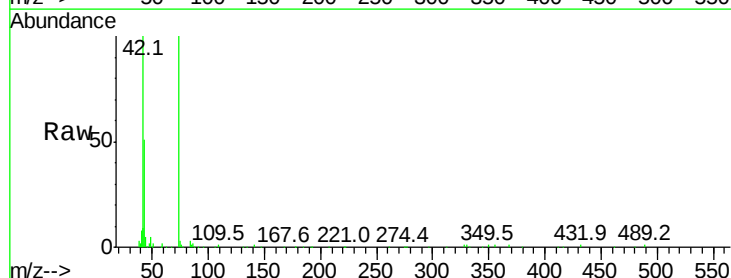
Manual Integrations  
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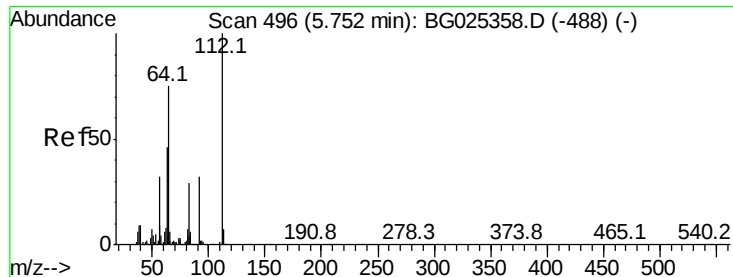
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 1/11/2017 9:11:07 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 43.41 ng  
 RT: 3.91 min Scan# 183  
 Delta R.T. -0.00 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 99.8  | 76.7  | 115.1 |
| 44      | 5.5   | 6.1   | 9.1   |





#5

2-Fluorophenol

Concen: 85.42 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

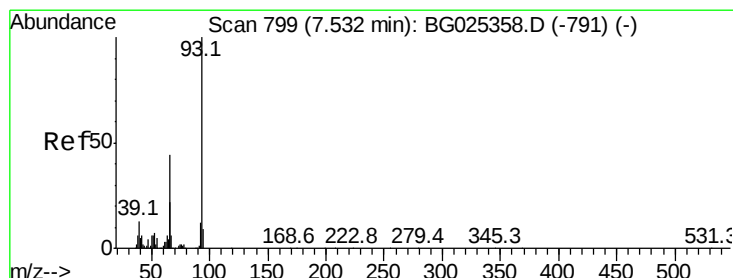
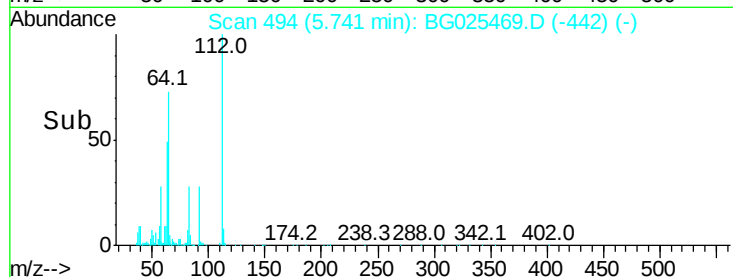
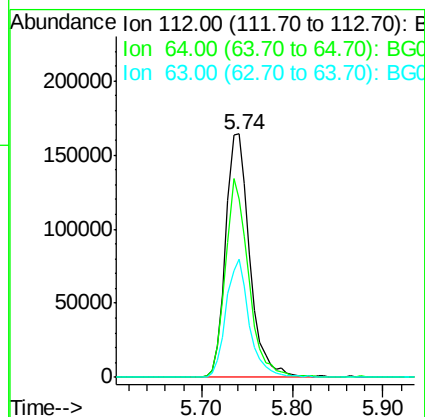
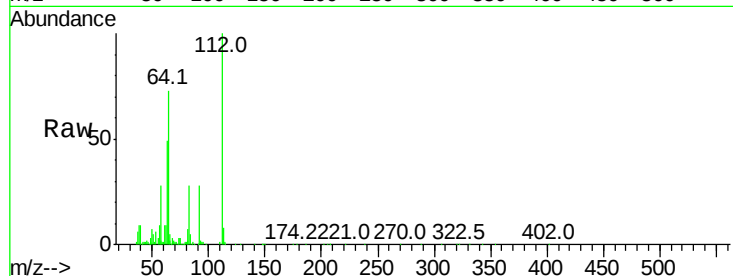
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 303033 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 73.4  | 61.8  | 92.6   |
| 63        | 48.7  | 37.2  | 55.8   |

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#6

Aniline

Concen: 44.23 ng

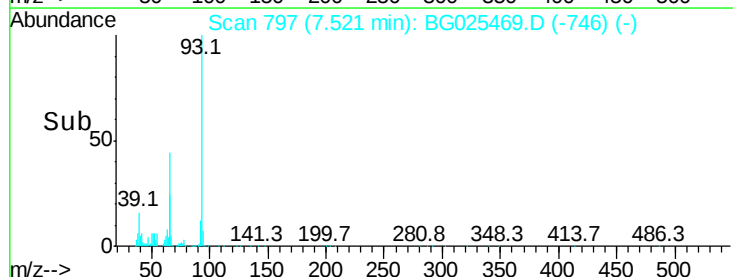
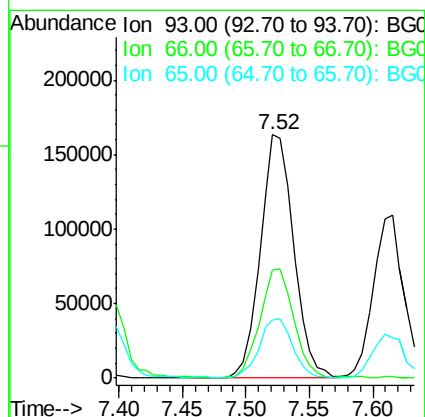
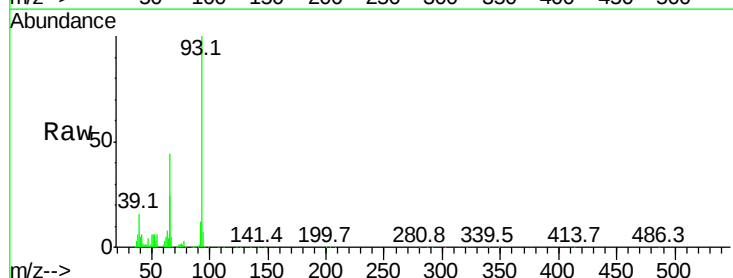
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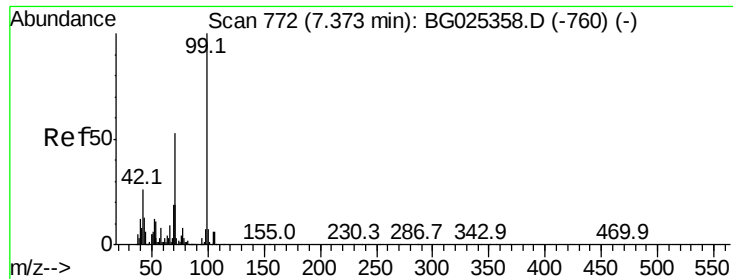
Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 299444 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 44.2  | 35.4  | 53.2   |
| 65        | 24.0  | 21.2  | 31.8   |





#7

Phenol-d6

Concen: 88.24 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

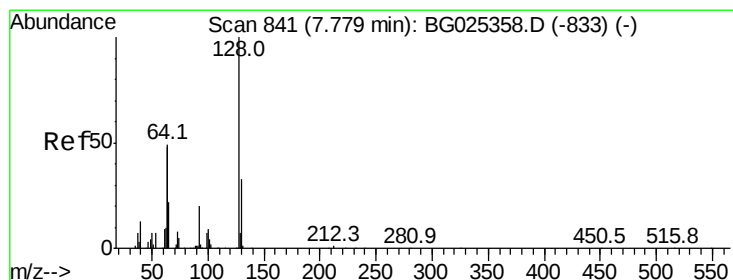
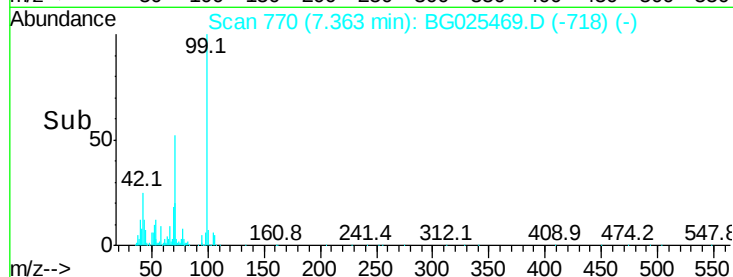
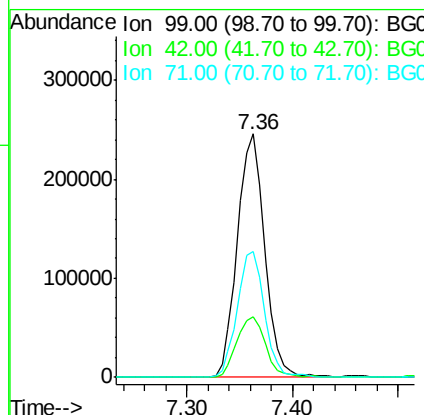
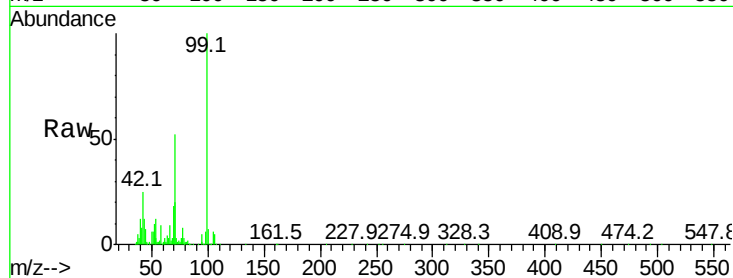
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 440875 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 25.0  | 20.5  | 30.7   |
| 71        | 51.5  | 37.6  | 56.4   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.68 ng

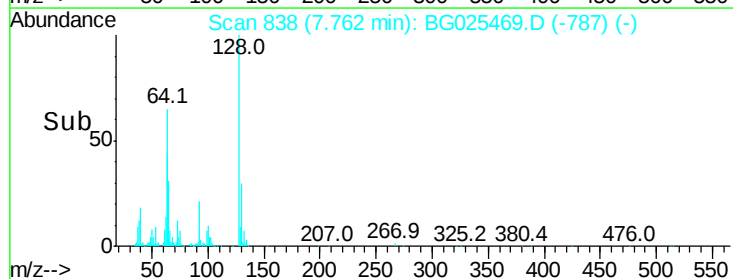
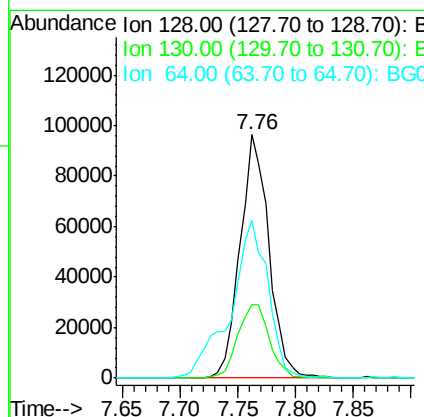
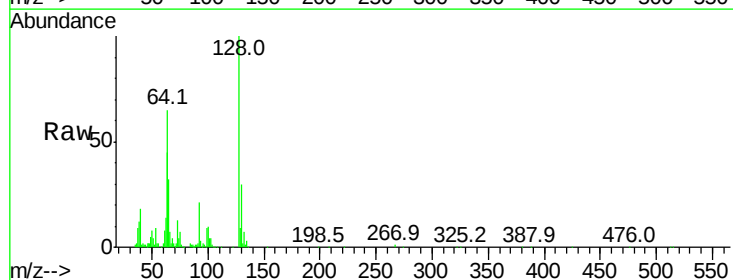
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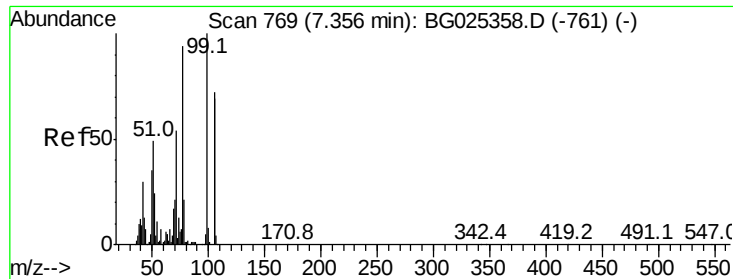
Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 166792 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 30.4  | 11.4  | 51.4   |
| 64        | 64.8  | 46.6  | 86.6   |





#9

Benzaldehyde

Concen: 39.21 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

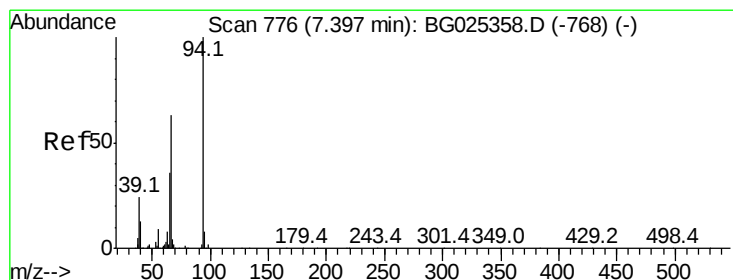
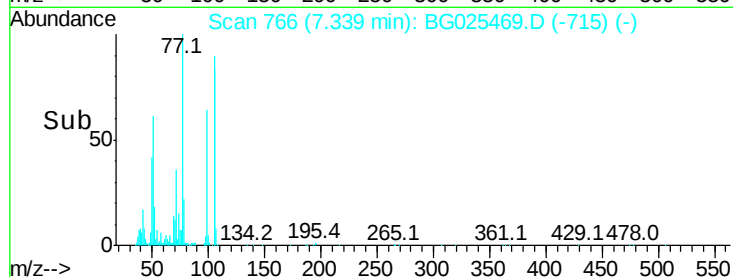
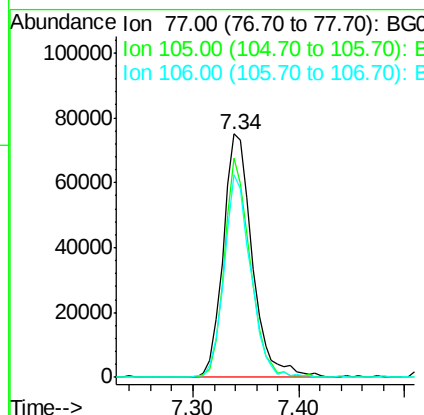
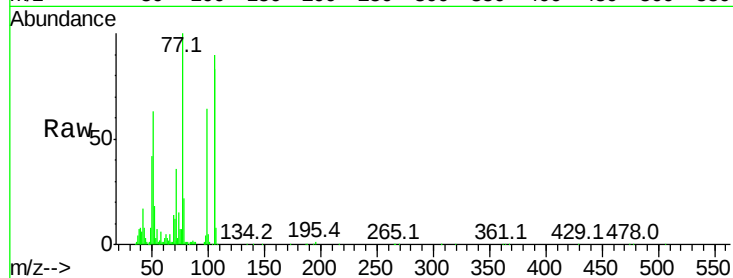
ClientSampleId :

SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 143339 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 89.8  | 60.9  | 100.9  |
| 106      | 83.5  | 55.1  | 95.1   |

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#10

Phenol

Concen: 45.59 ng

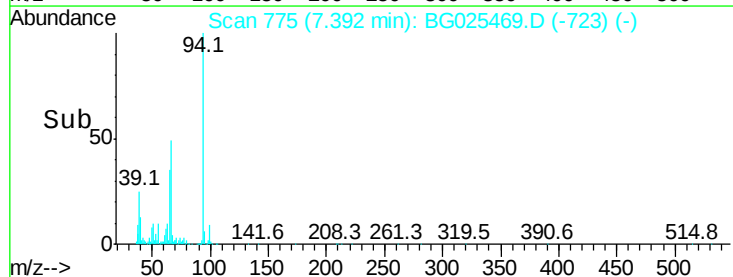
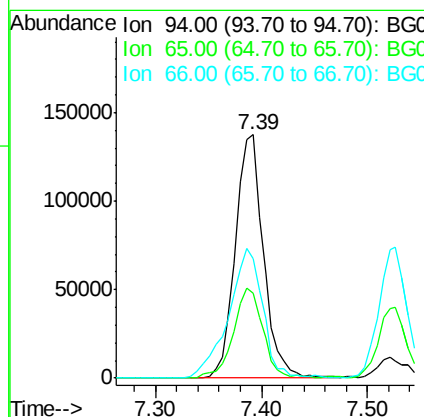
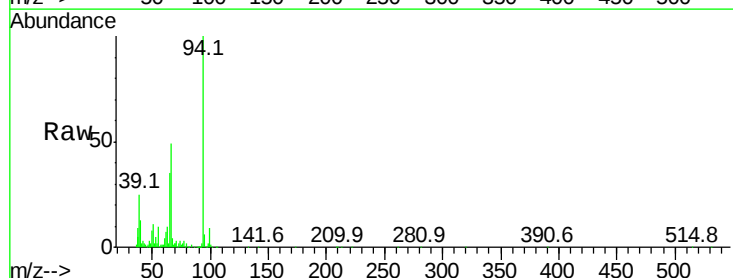
RT: 7.39 min Scan# 775

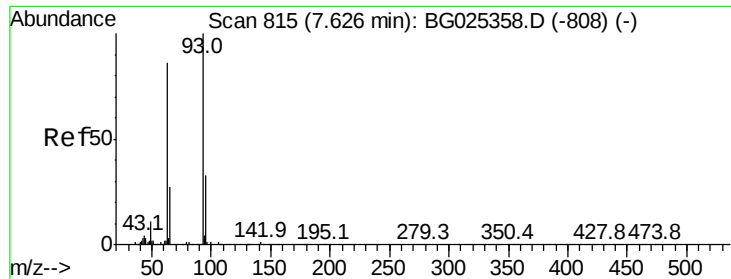
Delta R.T. 0.01 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 252511 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 34.8  | 20.6  | 60.6   |
| 66       | 49.3  | 35.5  | 75.5   |





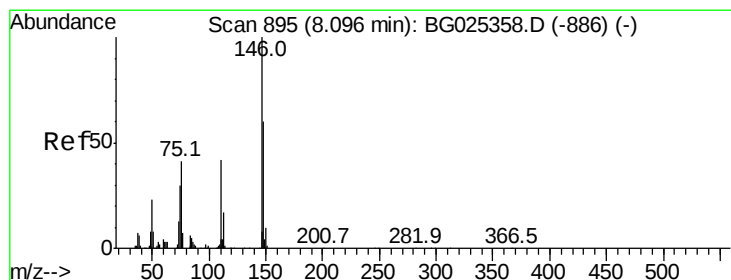
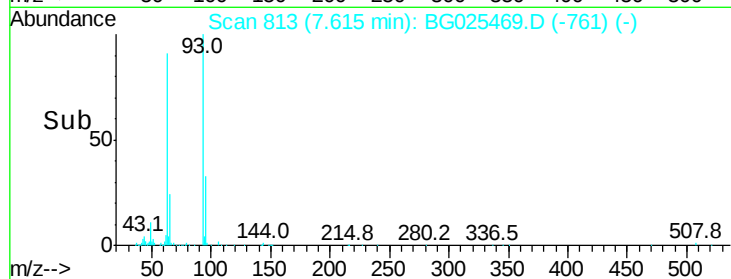
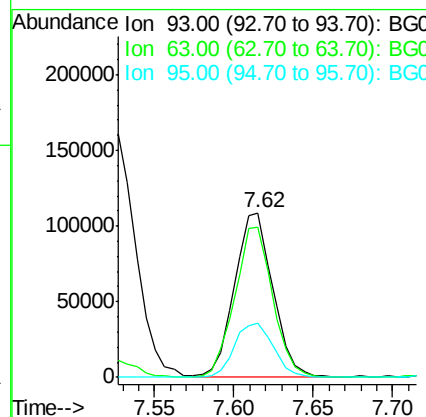
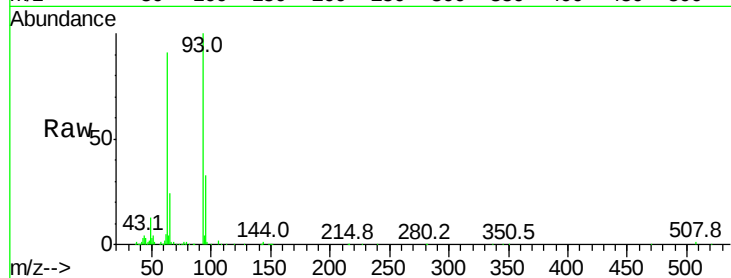
#11  
bis(2-Chloroethyl)ether  
Concen: 42.57 ng  
RT: 7.62 min Scan# 813  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 181671 |       |       |
| 63      | 91.1 | 78.5  | 118.5  |       |       |
| 95      | 33.1 | 9.8   | 49.8   |       |       |

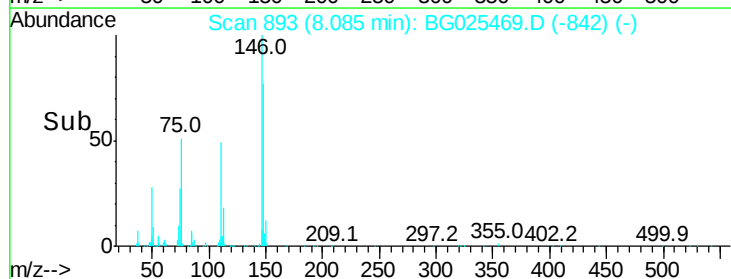
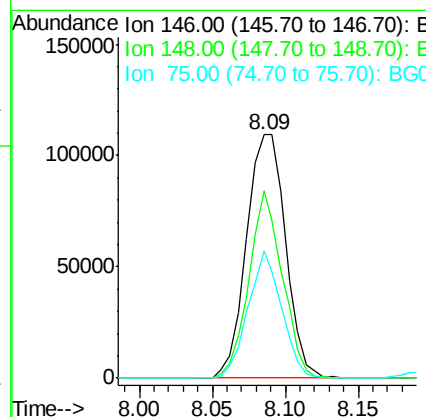
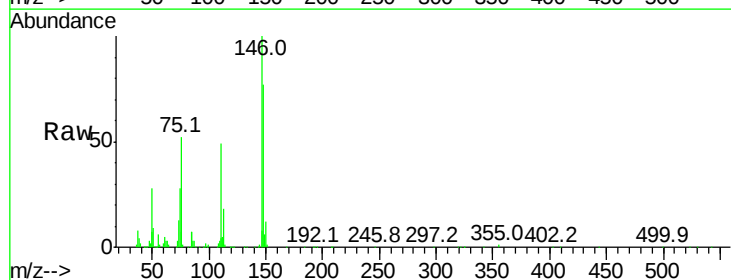
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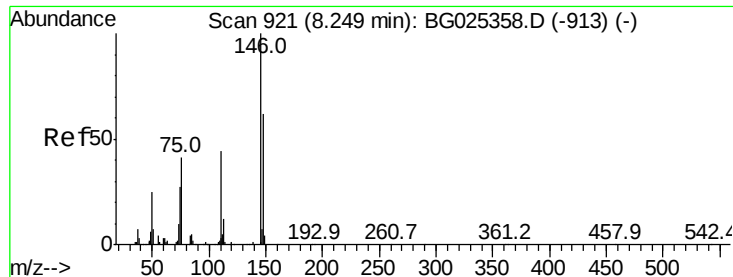
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 42.16 ng m  
RT: 8.09 min Scan# 893  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 204181 |       |       |
| 148     | 76.7 | 49.2  | 73.8#  |       |       |
| 75      | 52.3 | 33.4  | 50.2#  |       |       |





#13

1,4-Dichlorobenzene

Concen: 42.81 ng

RT: 8.23 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

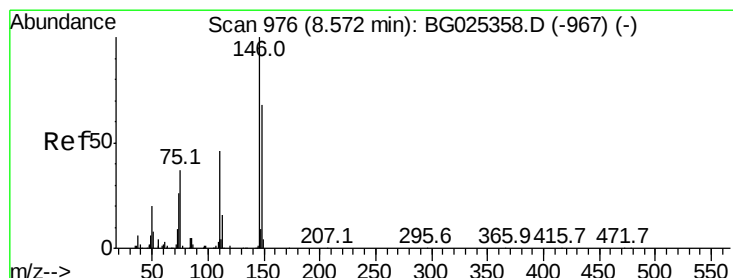
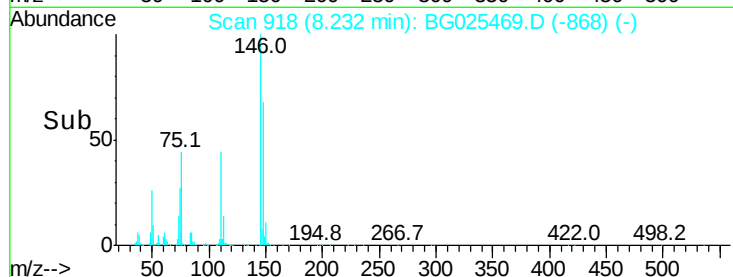
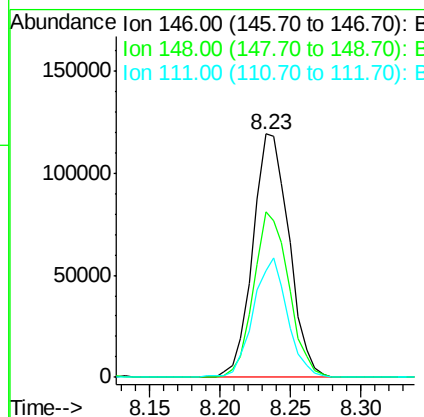
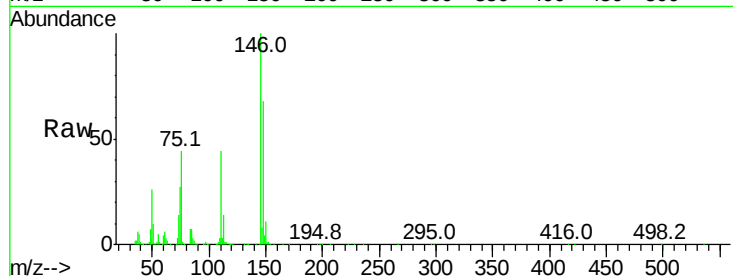
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 214859 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 68.1  | 52.2  | 78.2   |
| 111       | 43.6  | 37.0  | 55.6   |

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#14

1,2-Dichlorobenzene

Concen: 41.08 ng

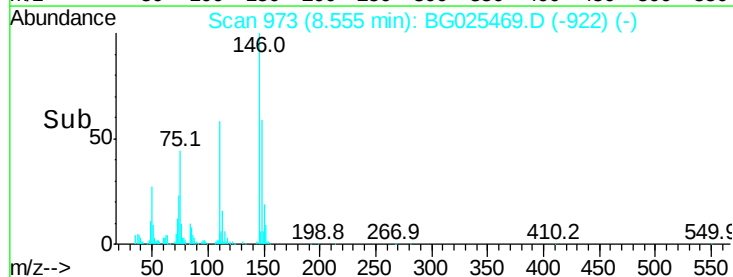
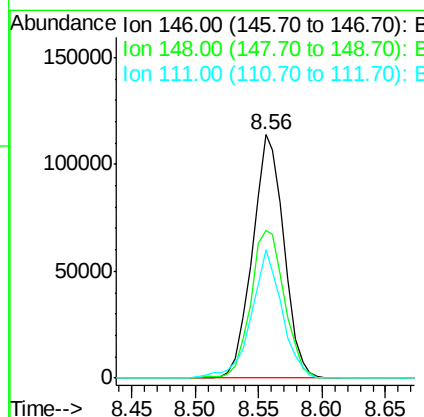
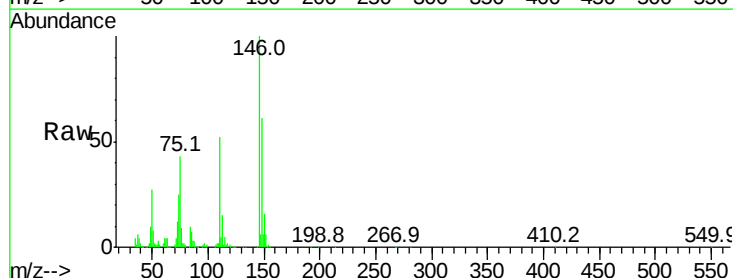
RT: 8.56 min Scan# 973

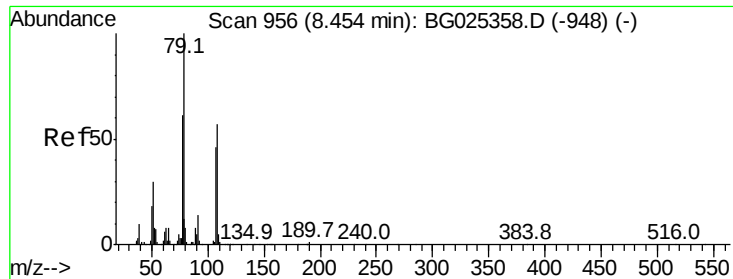
Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 196760 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 60.5  | 54.6  | 81.8   |
| 111       | 52.5  | 39.7  | 59.5   |





#15

Benzyl Alcohol

Concen: 44.29 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.01 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

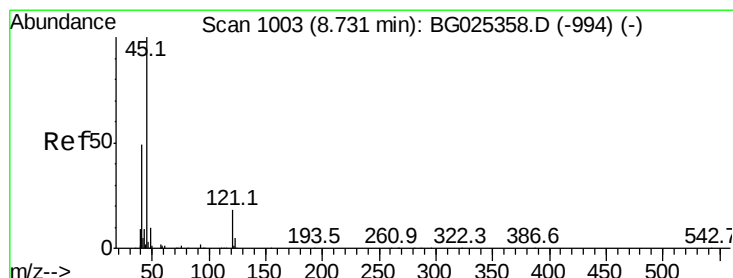
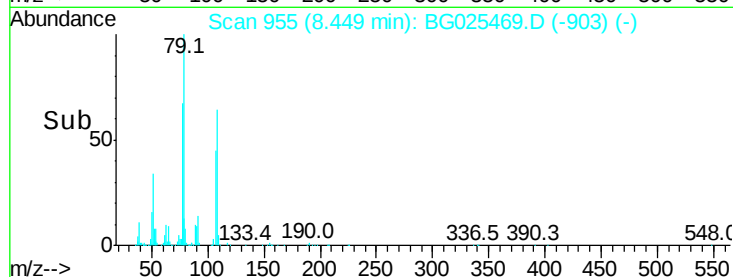
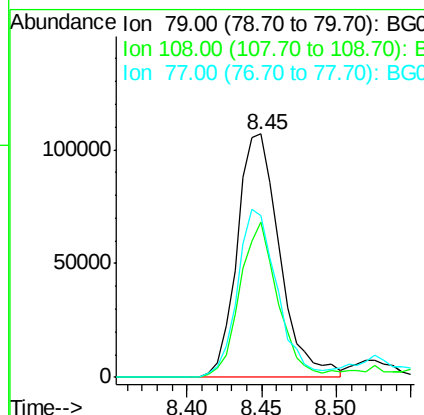
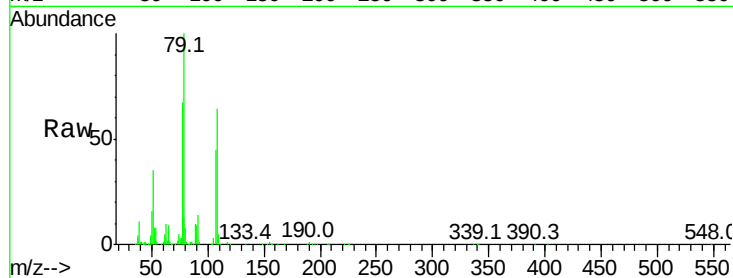
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 211256 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 64.0  | 45.5  | 68.3   |
| 77        | 66.5  | 54.3  | 81.5   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.70 ng

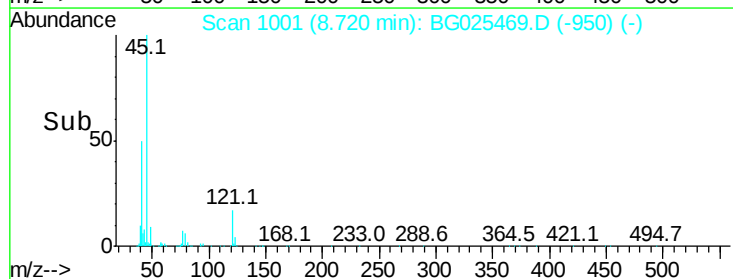
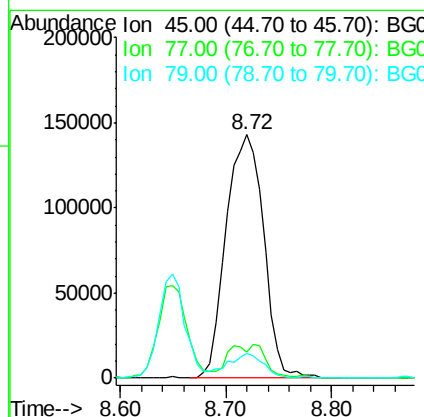
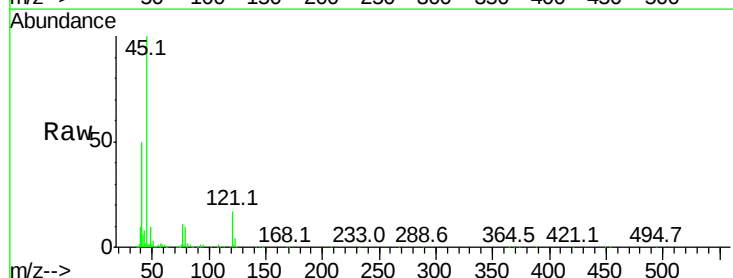
RT: 8.72 min Scan# 1001

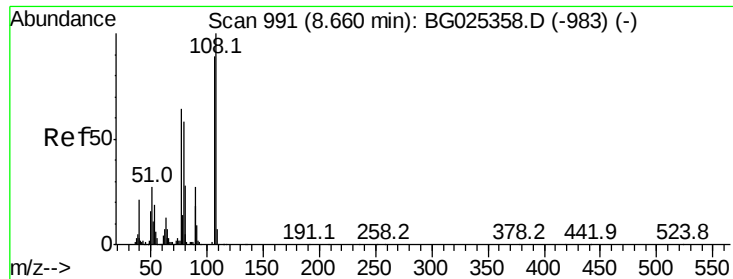
Delta R.T. 0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 353300 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 10.6  | 0.0   | 30.6   |
| 79        | 9.9   | 0.0   | 28.5   |





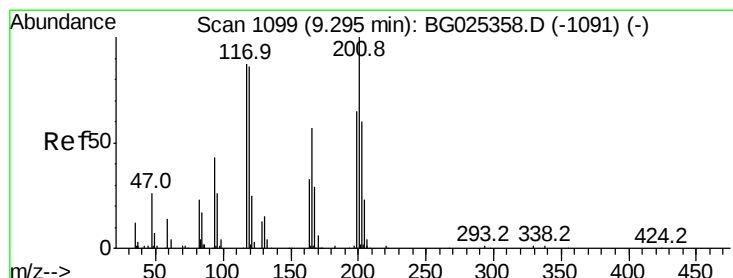
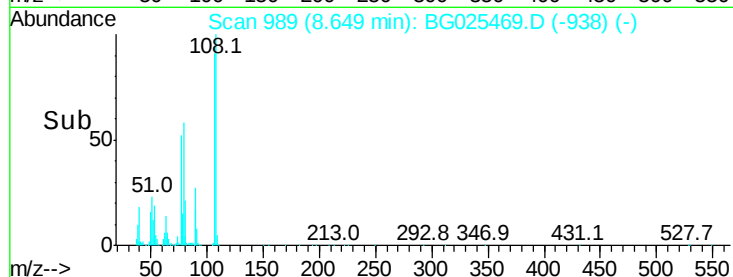
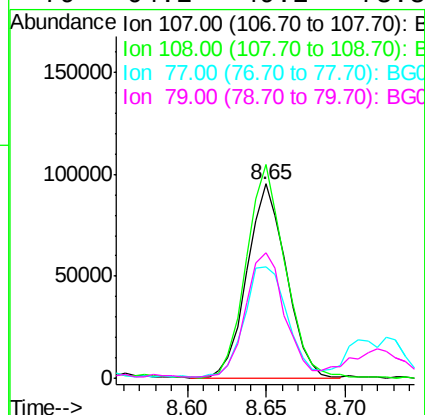
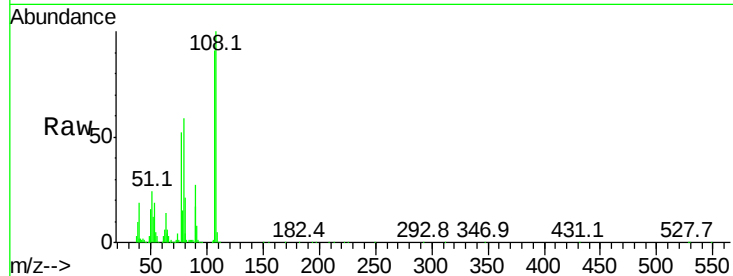
#17  
2-Methylphenol  
Concen: 44.71 ng  
RT: 8.65 min Scan# 989  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 109.8 | 85.6 | 128.4 |       |
| 77      | 57.1  | 51.4 | 77.2  |       |
| 79      | 64.2  | 49.2 | 73.8  |       |

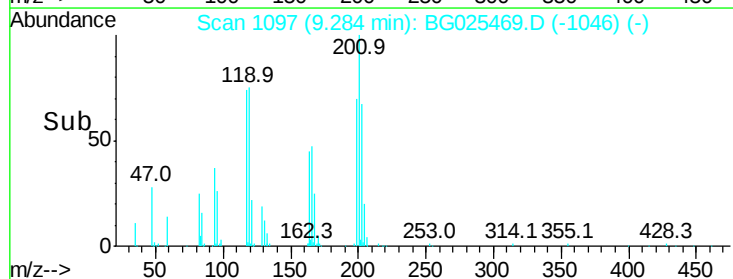
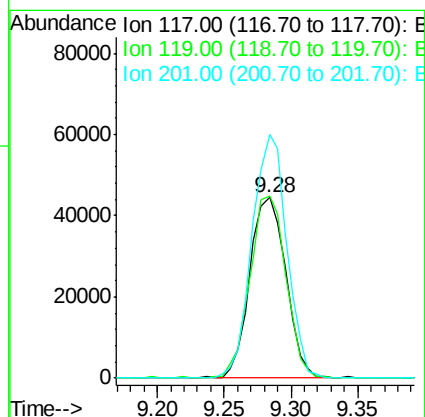
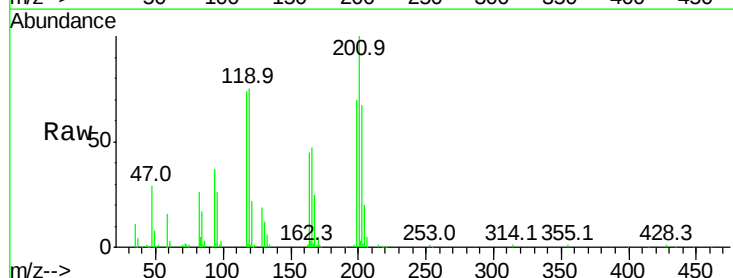
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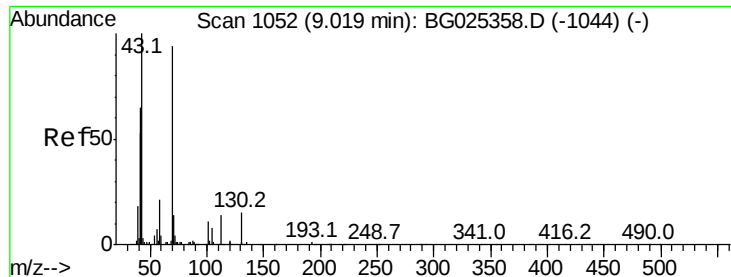
mohammad  
1/11/2017 9:11:07 AM



#18  
Hexachloroethane  
Concen: 43.07 ng  
RT: 9.28 min Scan# 1097  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 100.9 | 69.8 | 104.6 |       |
| 201     | 134.9 | 95.4 | 143.0 |       |





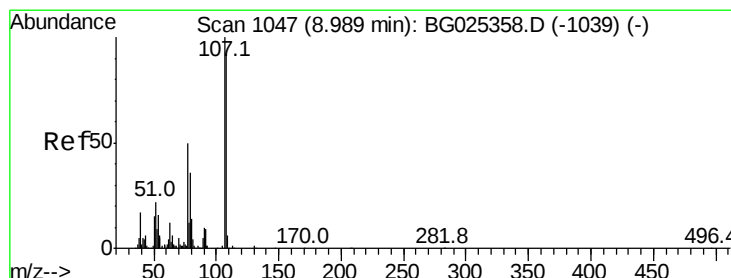
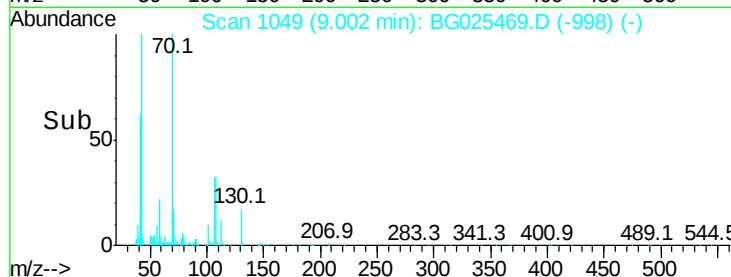
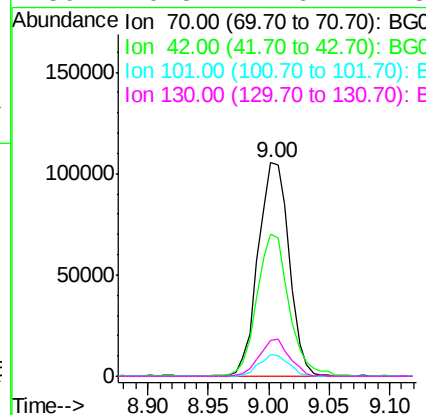
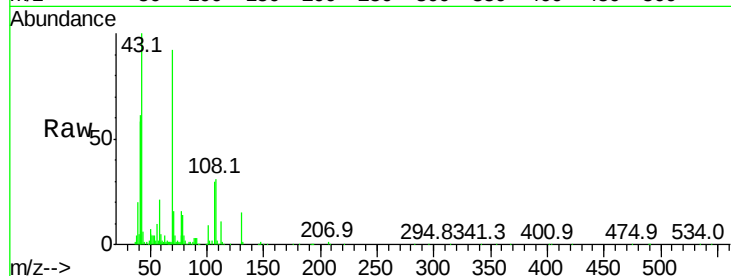
#19  
n-Nitroso-di-n-propylamine  
Concen: 44.75 ng  
RT: 9.00 min Scan# 1049  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 66.8  | 56.1  | 84.1  |
| 101     | 9.9   | 7.5   | 11.3  |
| 130     | 16.8  | 14.6  | 21.8  |

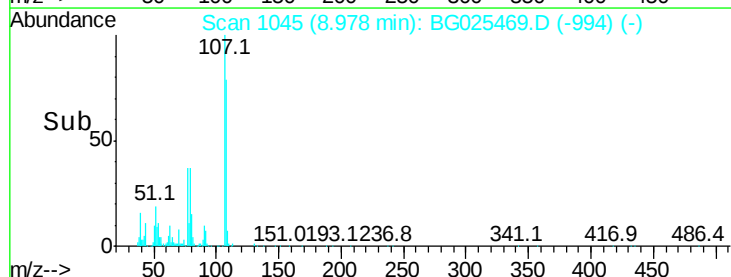
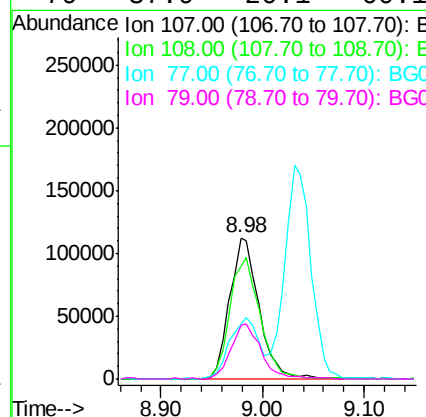
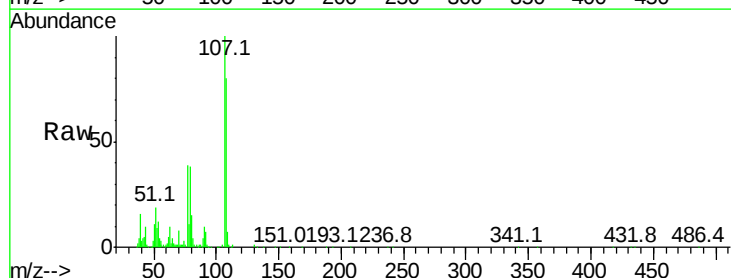
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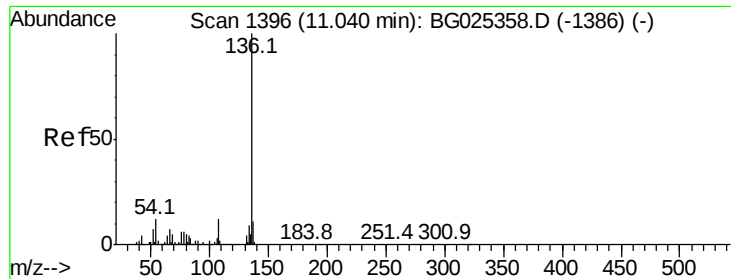
mohammad  
1/11/2017 9:11:07 AM



#20  
3+4-Methylphenols  
Concen: 44.94 ng  
RT: 8.98 min Scan# 1045  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 80.1  | 70.8  | 110.8 |
| 77      | 38.8  | 25.8  | 65.8  |
| 79      | 37.9  | 20.1  | 60.1  |





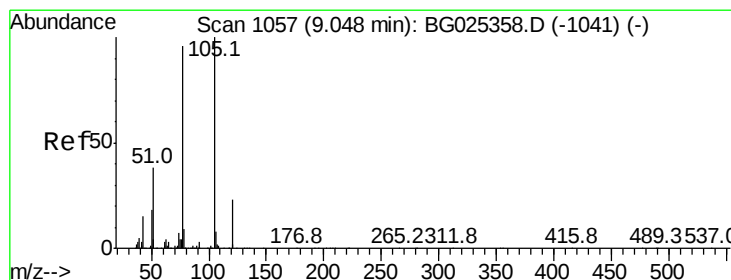
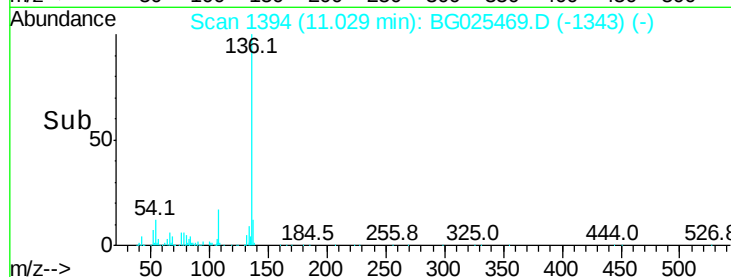
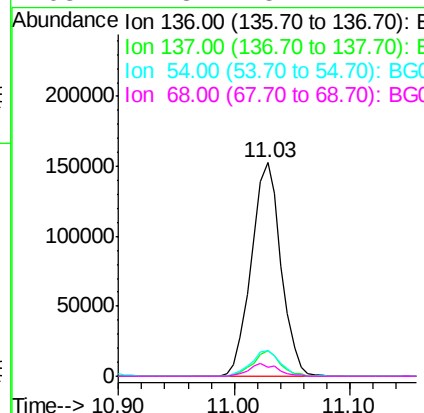
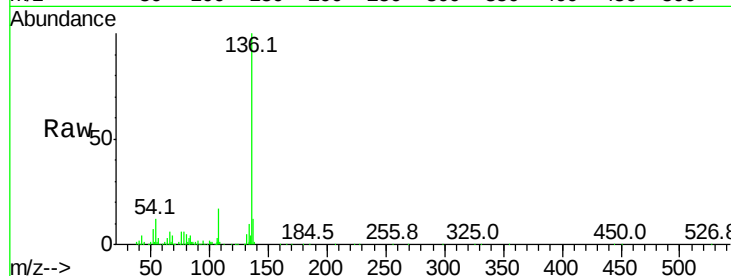
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.03 min Scan# 1394  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 272080 |       |       |
| 137     | 12.1  | 8.9    | 13.3  |       |
| 54      | 11.9  | 9.3    | 13.9  |       |
| 68      | 4.3   | 5.1    | 7.7#  |       |

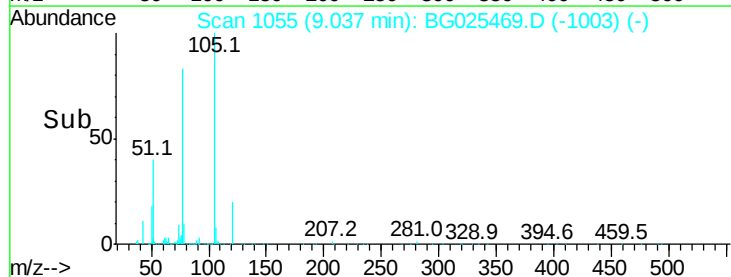
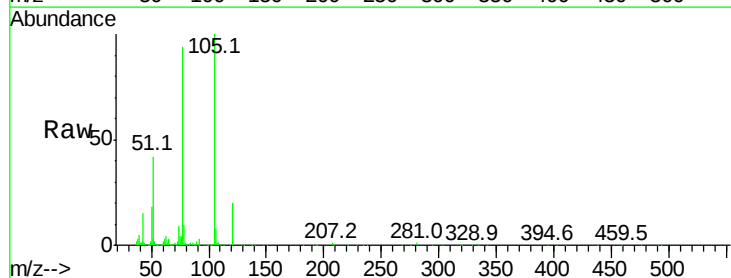
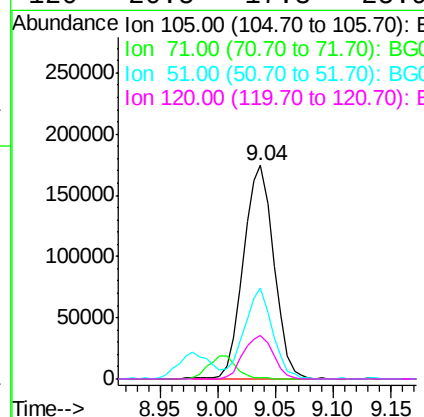
Manual Integrations  
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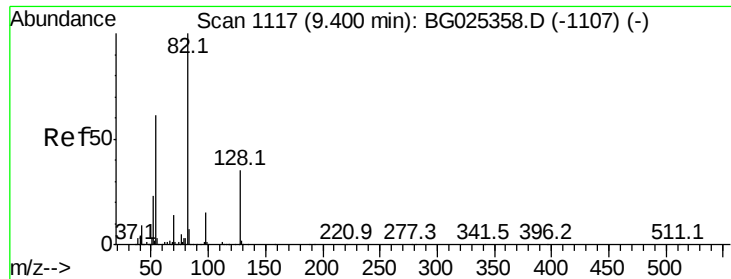
mohammad  
1/11/2017 9:11:07 AM



#22  
Acetophenone  
Concen: 42.28 ng  
RT: 9.04 min Scan# 1055  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 319646 |       |       |
| 71      | 0.5   | 0.9    | 1.3#  |       |
| 51      | 42.5  | 34.0   | 51.0  |       |
| 120     | 20.5  | 17.3   | 25.9  |       |





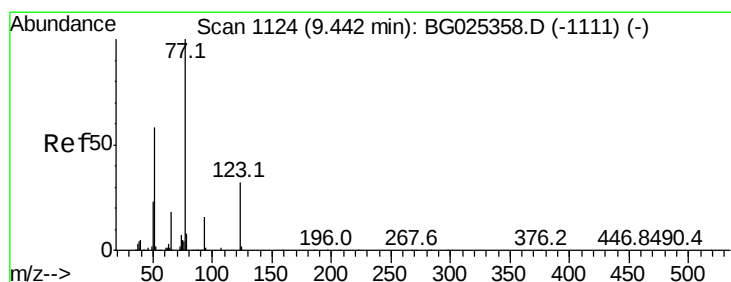
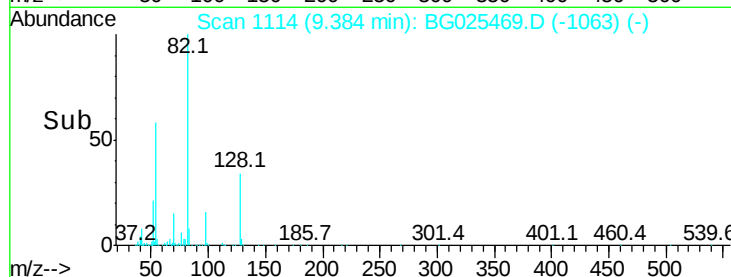
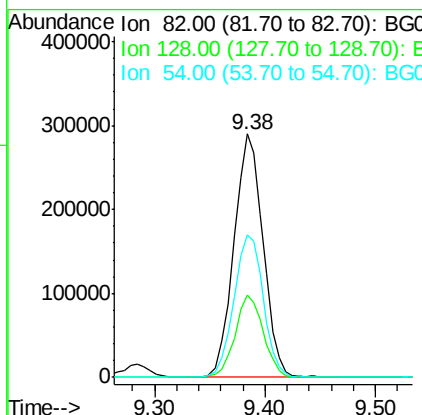
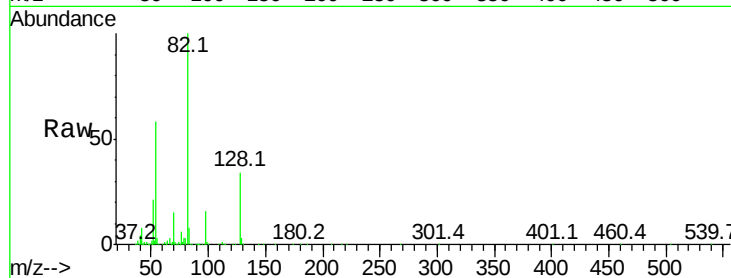
#23  
 Nitrobenzene-d5  
 Concen: 87.05 ng  
 RT: 9.38 min Scan# 1114  
 Delta R.T. -0.00 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 128     | 33.7  | 26.4       | 39.6  |
| 54      | 58.3  | 49.4       | 74.2  |

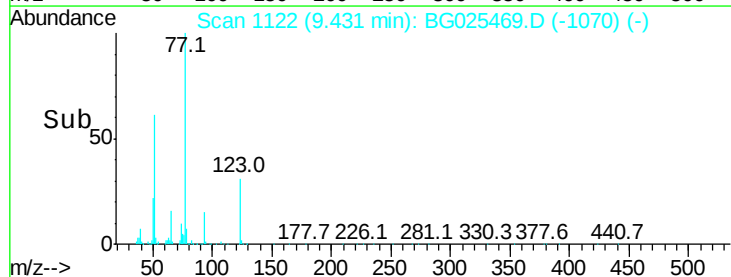
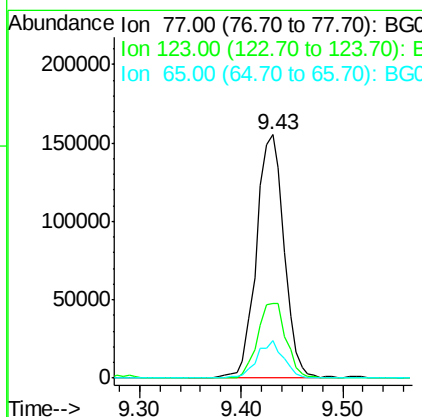
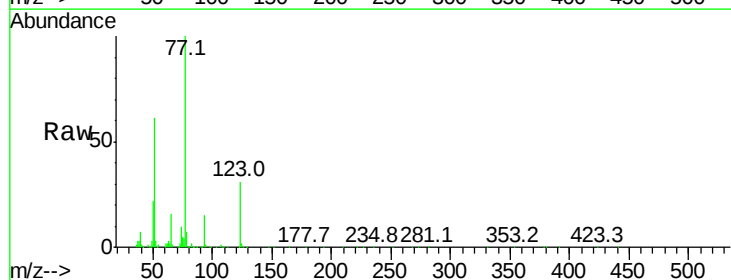
Manual Integrations  
 APPROVED

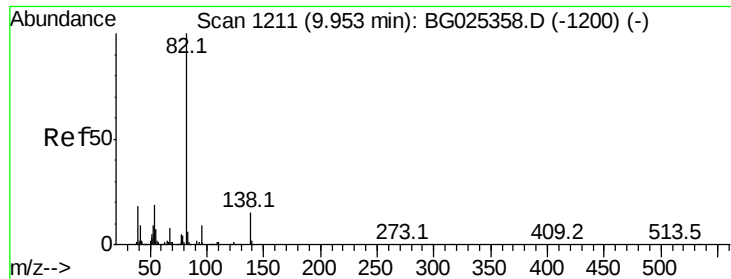
mohammad  
 1/11/2017 9:11:07 AM



#24  
 Nitrobenzene  
 Concen: 43.57 ng  
 RT: 9.43 min Scan# 1122  
 Delta R.T. 0.01 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 77      | 100   |            |       |
| 123     | 30.7  | 26.1       | 39.1  |
| 65      | 15.7  | 12.4       | 18.6  |





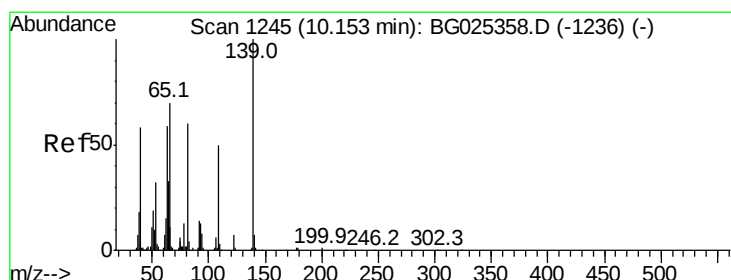
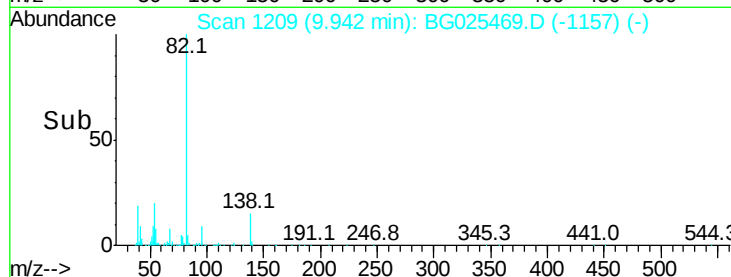
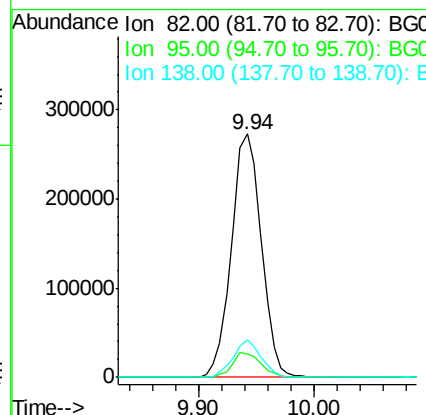
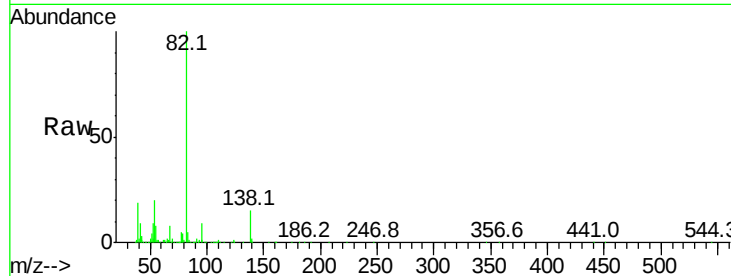
#25  
Isophorone  
Concen: 44.10 ng  
RT: 9.94 min Scan# 1209  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 9.5   | 7.5   | 11.3  |
| 138     | 15.3  | 12.3  | 18.5  |

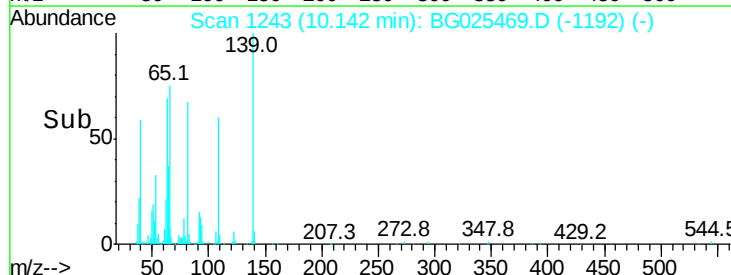
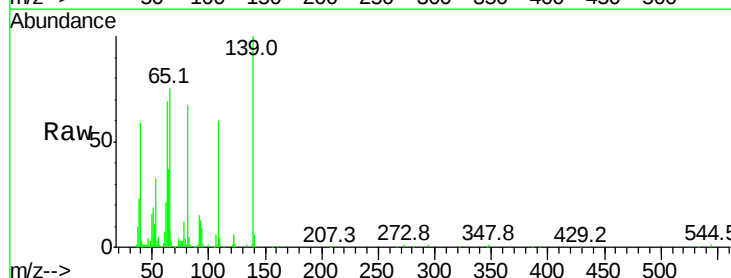
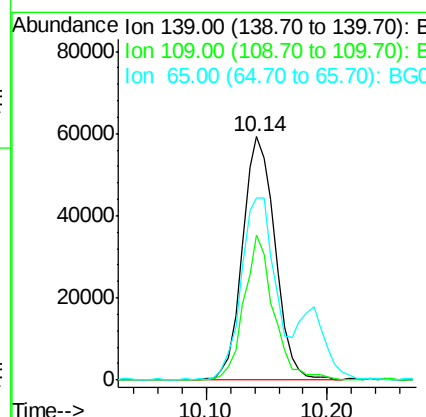
Manual Integrations  
APPROVED

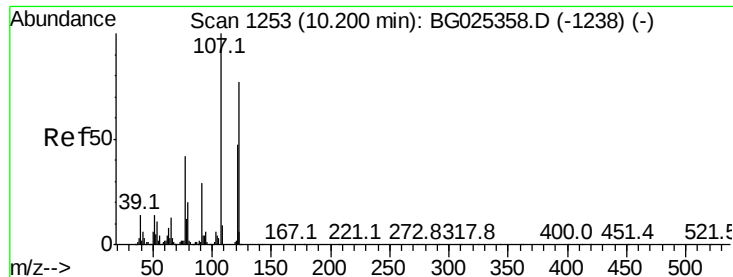
mohammad  
1/11/2017 9:11:07 AM



#26  
2-Nitrophenol  
Concen: 43.18 ng  
RT: 10.14 min Scan# 1243  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 59.7  | 38.6  | 58.0# |
| 65      | 74.6  | 57.1  | 85.7  |





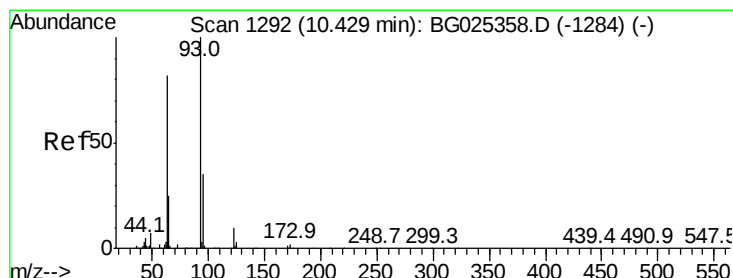
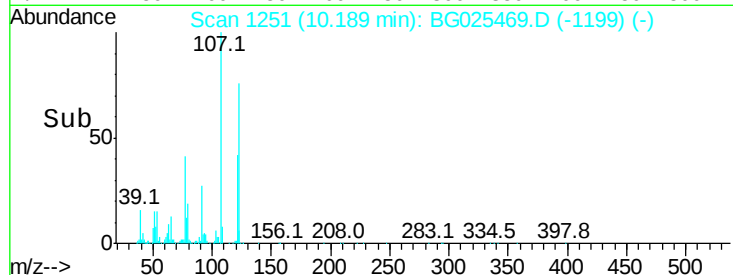
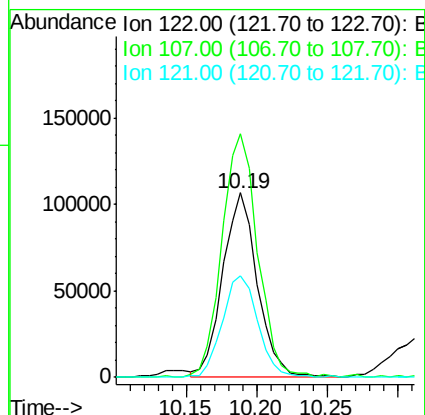
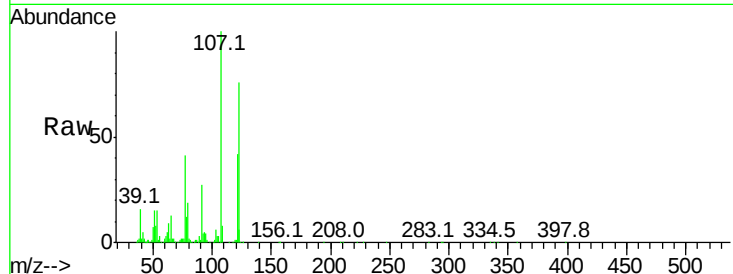
#27  
2,4-Dimethylphenol  
Concen: 42.59 ng  
RT: 10.19 min Scan# 1251  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 180892 |       |       |
| 107     | 132.1 | 104.2  | 156.4 |       |
| 121     | 55.2  | 46.0   | 69.0  |       |

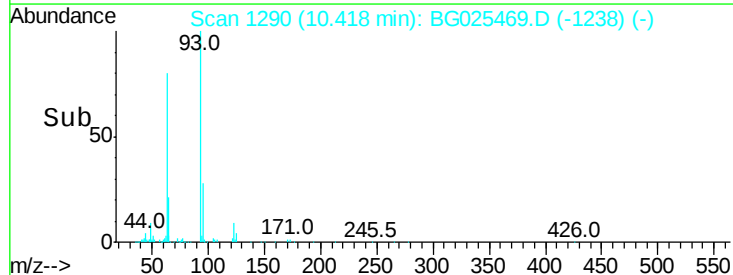
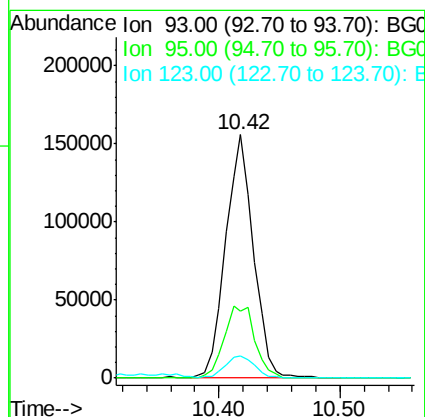
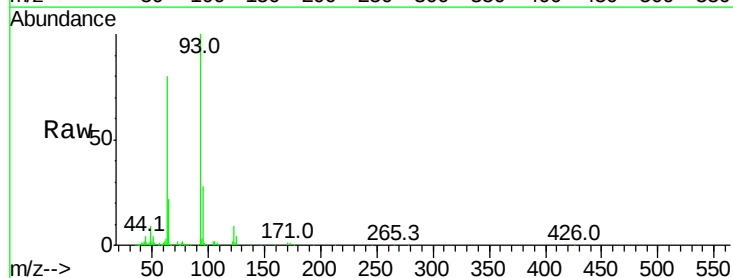
Manual Integrations  
APPROVED

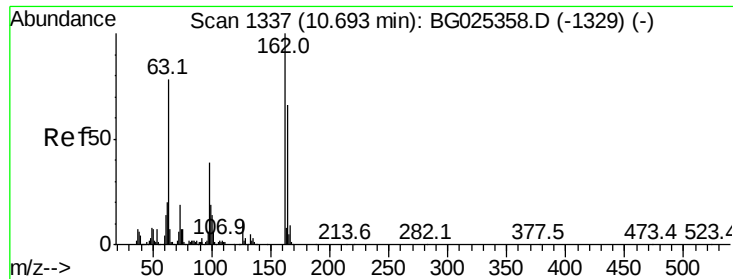
mohammad  
1/11/2017 9:11:07 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.82 ng  
RT: 10.42 min Scan# 1290  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 247966 |       |       |
| 95      | 27.7  | 25.7   | 38.5  |       |
| 123     | 8.9   | 8.3    | 12.5  |       |





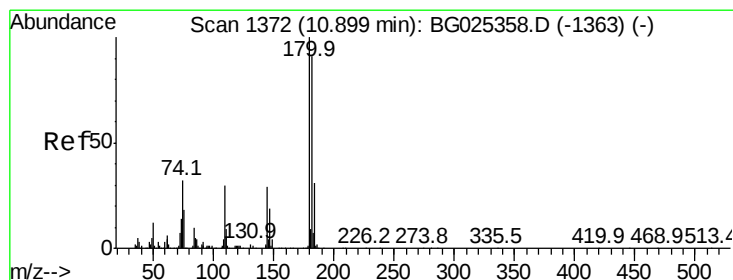
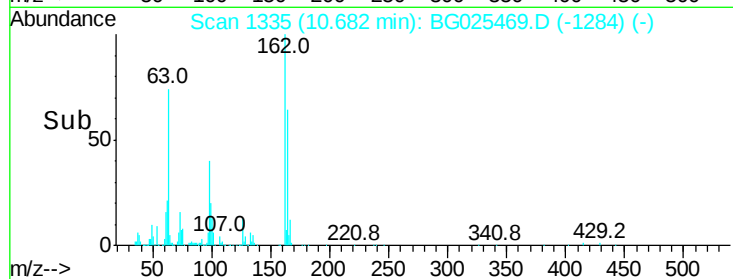
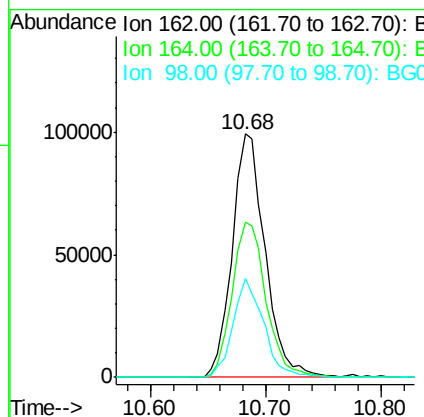
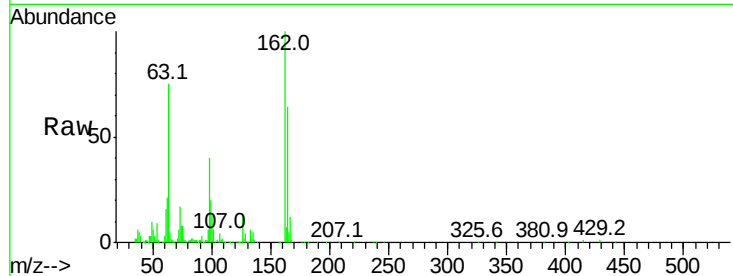
#29  
2,4-Dichlorophenol  
Concen: 43.03 ng  
RT: 10.68 min Scan# 1335  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleID :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 63.7  | 42.4       | 82.4       |
| 98      | 40.5  | 20.3       | 60.3       |

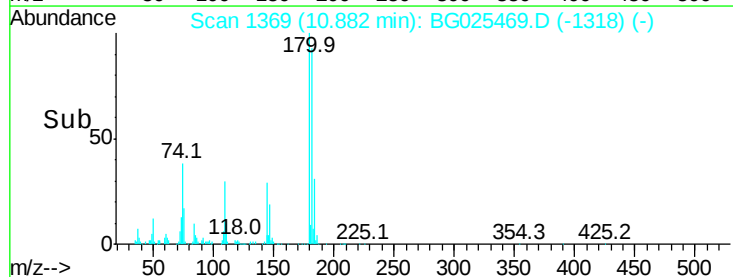
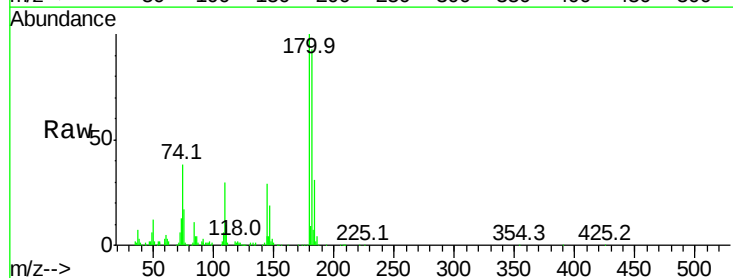
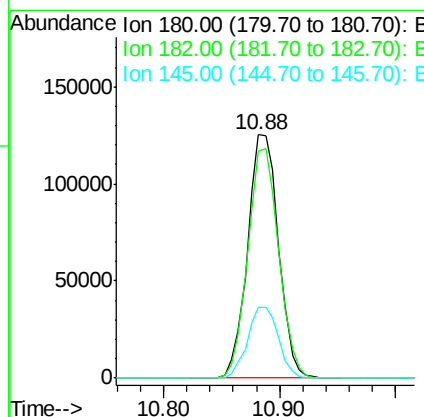
Manual Integrations  
APPROVED

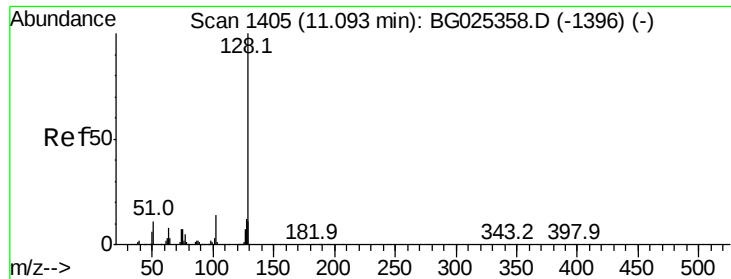
mohammad  
1/11/2017 9:11:07 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 42.51 ng  
RT: 10.88 min Scan# 1369  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 93.3  | 77.0       | 115.4      |
| 145     | 29.2  | 23.4       | 35.0       |





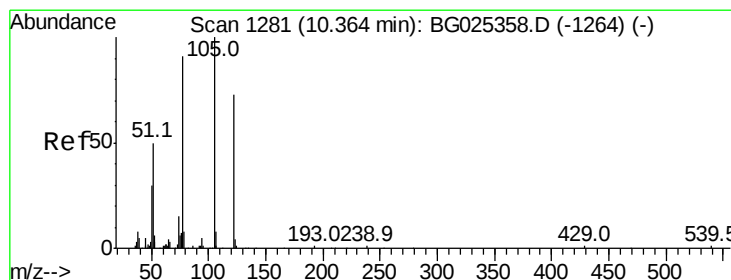
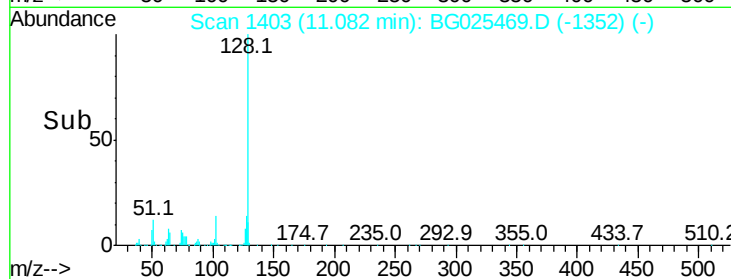
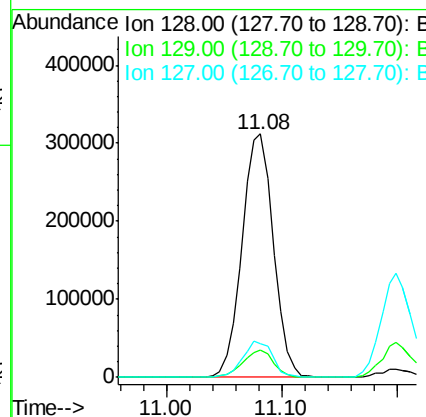
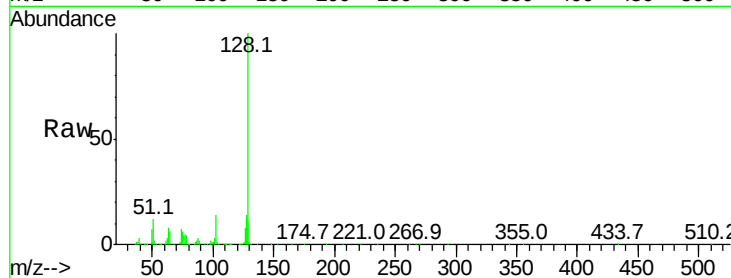
#31  
Naphthalene  
Concen: 43.13 ng  
RT: 11.08 min Scan# 1403  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.5  | 9.3   | 13.9  |
| 127     | 13.7  | 11.4  | 17.0  |

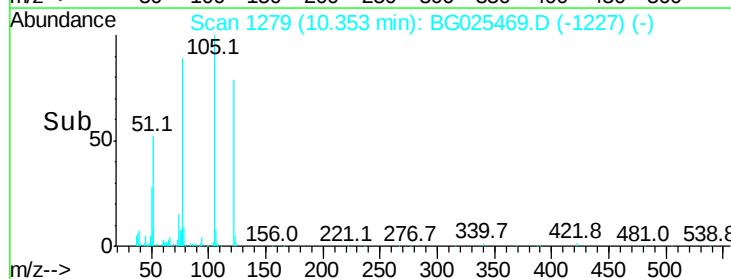
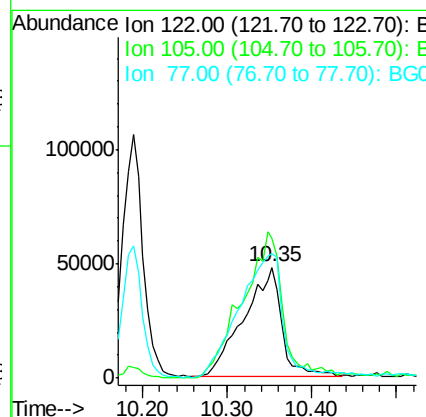
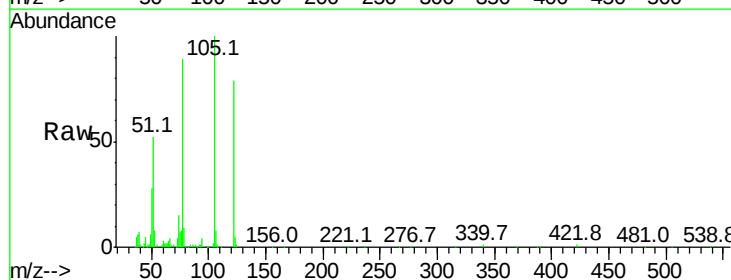
Manual Integrations  
APPROVED

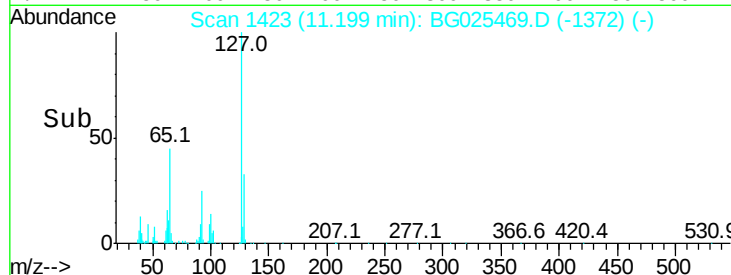
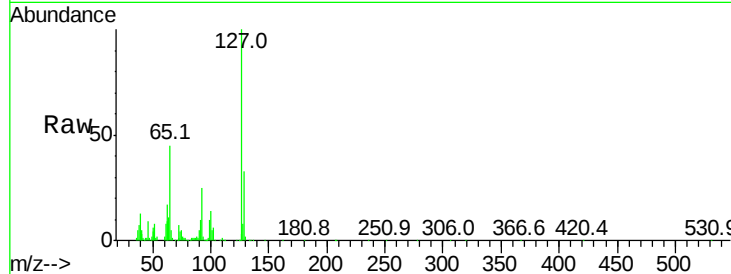
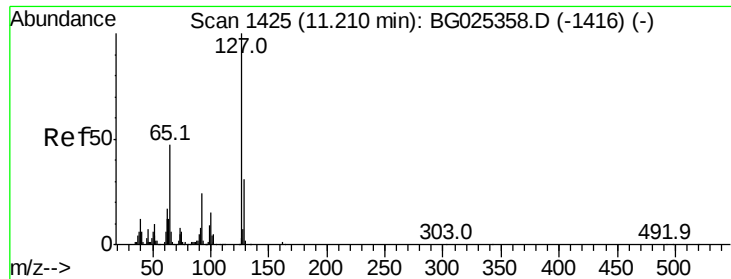
mohammad  
1/11/2017 9:11:07 AM



#32  
Benzoic acid  
Concen: 44.40 ng  
RT: 10.35 min Scan# 1279  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 126.0 | 120.1 | 160.1 |
| 77      | 112.2 | 104.6 | 144.6 |





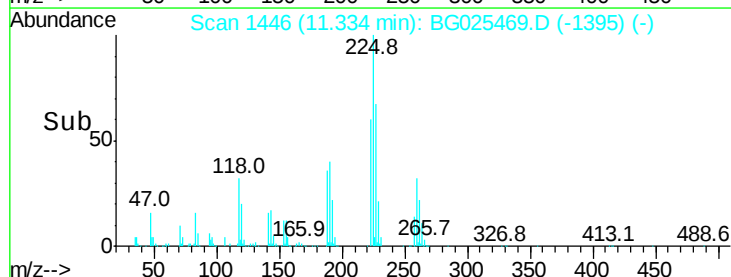
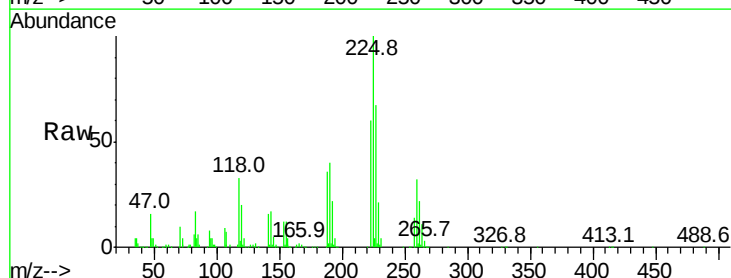
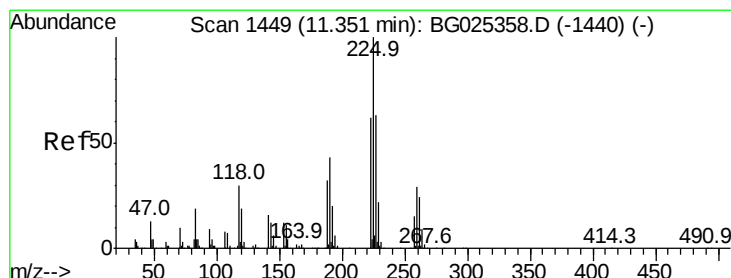
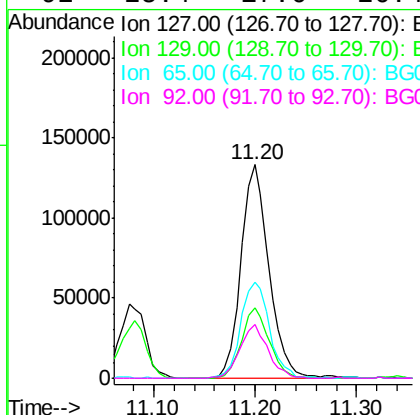
#33  
4-Chloroaniline  
Concen: 44.50 ng  
RT: 11.20 min Scan# 1423  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.2 | 23.6  | 35.4 |       |       |
| 65      | 45.0 | 37.7  | 56.5 |       |       |
| 92      | 25.4 | 17.6  | 26.4 |       |       |

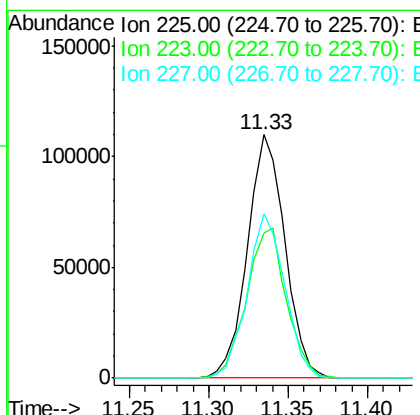
Manual Integrations  
APPROVED

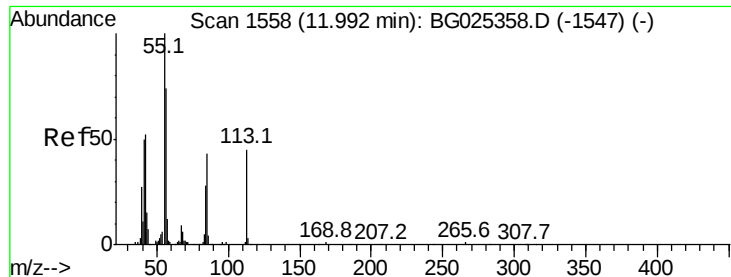
mohammad  
1/11/2017 9:11:07 AM



#34  
Hexachlorobutadiene  
Concen: 40.43 ng  
RT: 11.33 min Scan# 1446  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 59.6 | 50.7  | 76.1 |       |       |
| 227     | 67.3 | 49.0  | 73.6 |       |       |





#35

Caprolactam

Concen: 43.61 ng

RT: 11.97 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 74474

Ion Ratio Lower Upper

113 100

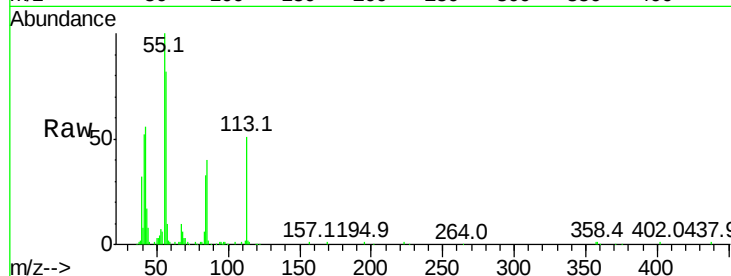
55 195.5 198.6 238.6#

56 160.7 140.4 180.4

Manual Integrations  
APPROVED

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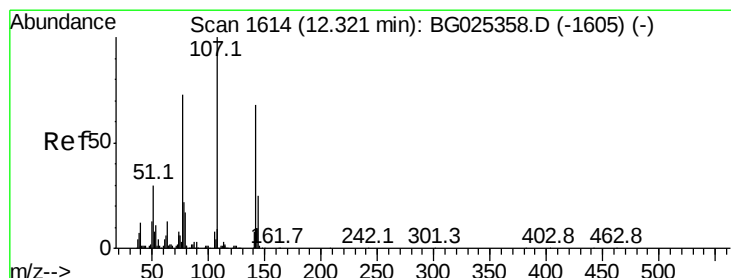
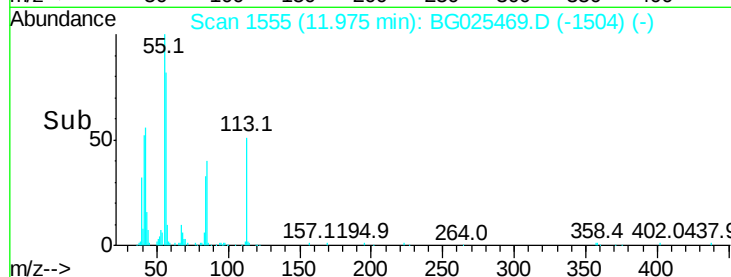
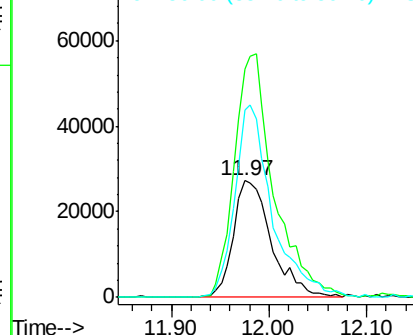
1/11/2017 9:11:07 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.86 ng

RT: 12.31 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

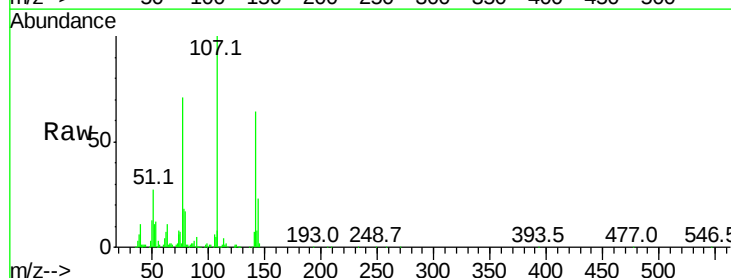
Tgt Ion:107 Resp: 240441

Ion Ratio Lower Upper

107 100

144 23.3 17.4 26.0

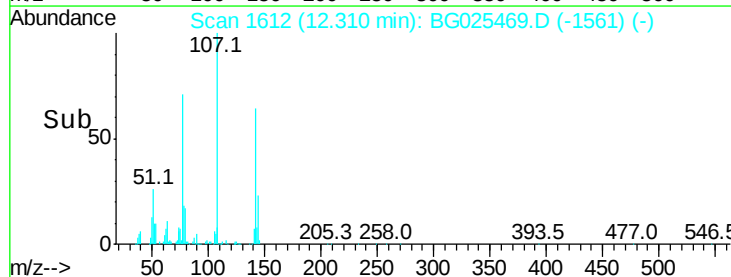
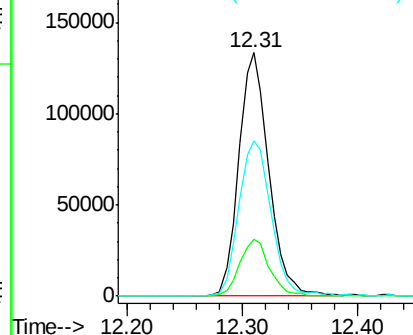
142 63.6 54.1 81.1

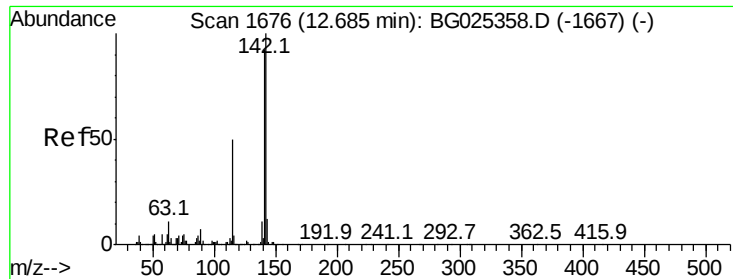


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





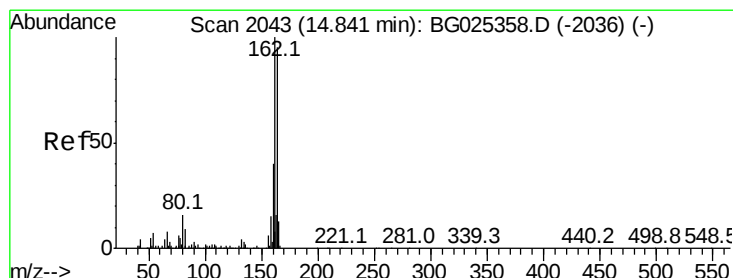
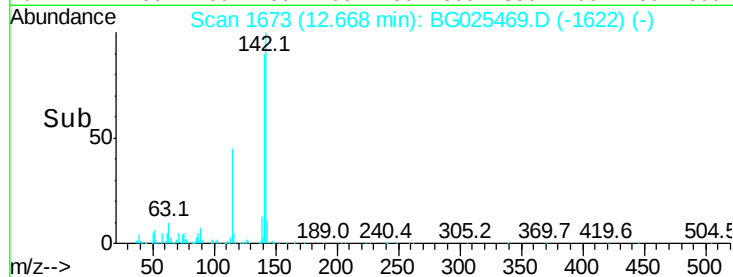
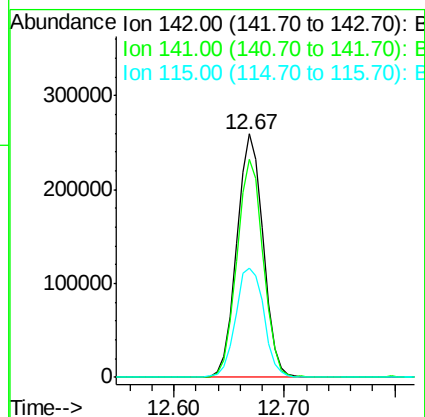
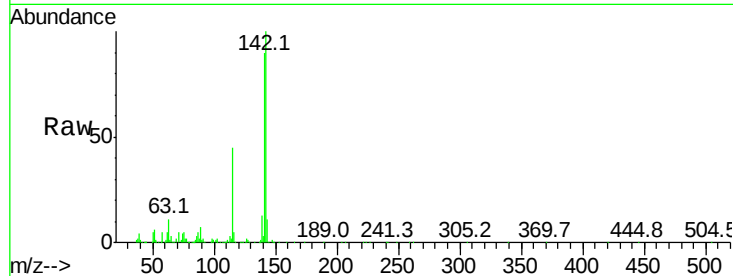
#37  
2-Methylnaphthalene  
Concen: 43.19 ng  
RT: 12.67 min Scan# 1673  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.5  | 70.4  | 105.6 |
| 115     | 44.9  | 35.5  | 53.3  |

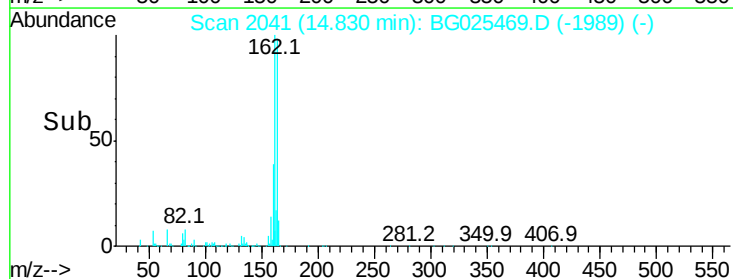
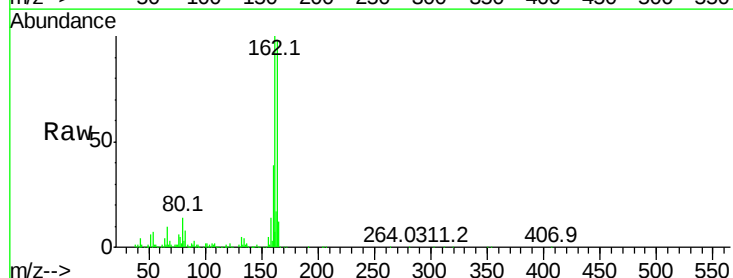
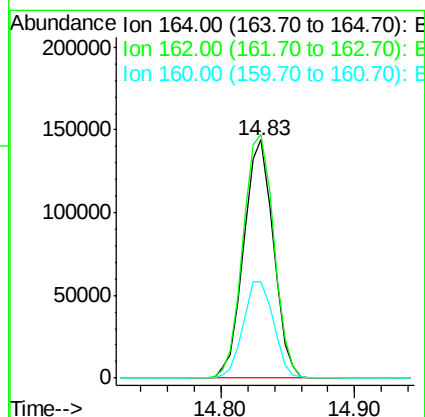
Manual Integrations  
APPROVED

mohammad  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.83 min Scan# 2041  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.2 | 85.1  | 127.7 |
| 160     | 40.3  | 34.7  | 52.1  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.54 ng

RT: 13.03 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

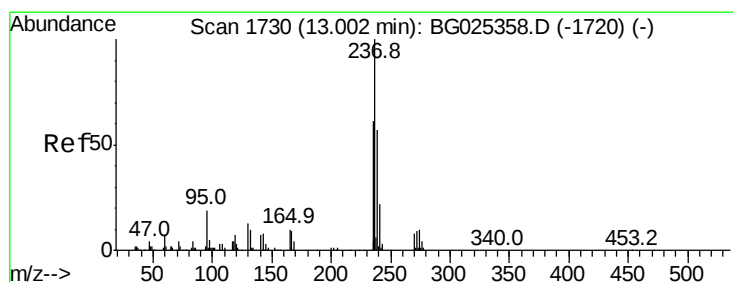
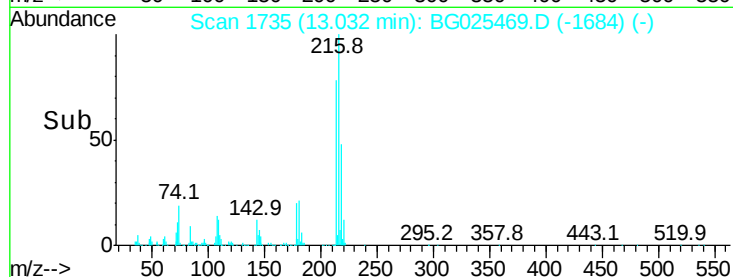
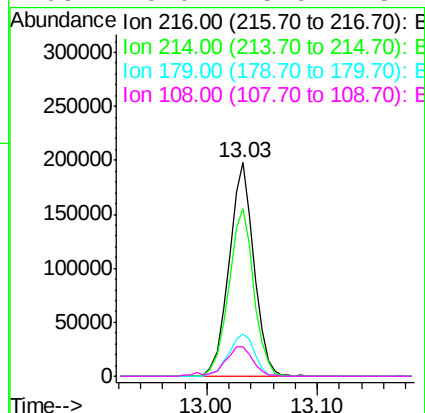
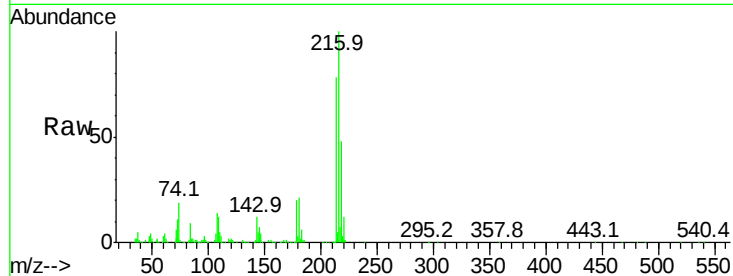
ClientSampleId :

SSTDCCC040EC

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 78.7  | 64.4       | 96.6  |
| 179     | 20.4  | 17.4       | 26.0  |
| 108     | 16.0  | 15.6       | 23.4  |

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#40

Hexachlorocyclopentadiene

Concen: 39.54 ng

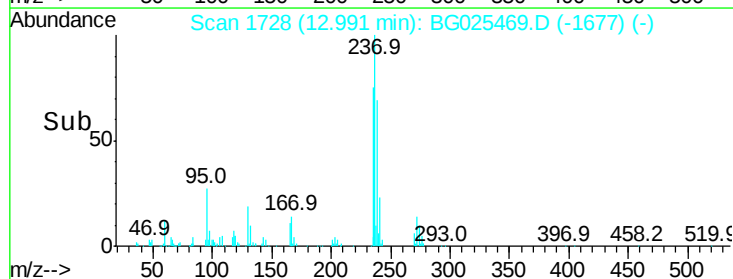
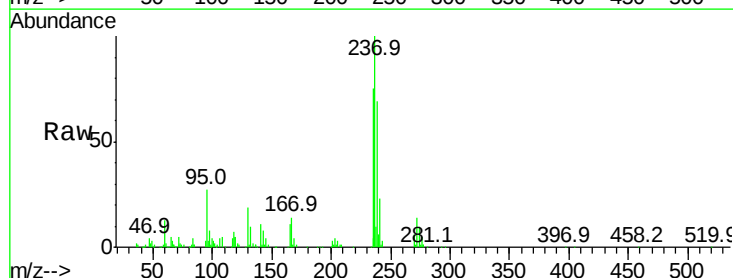
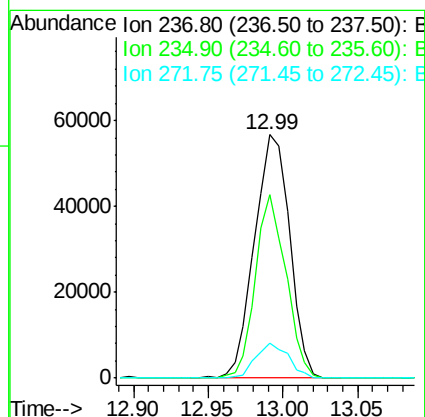
RT: 12.99 min Scan# 1728

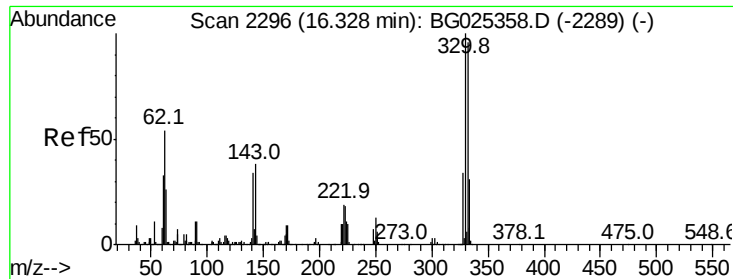
Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 75.1  | 39.4       | 79.4  |
| 272     | 14.2  | 0.0        | 32.0  |





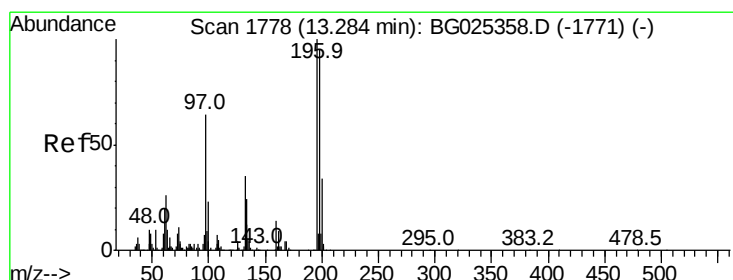
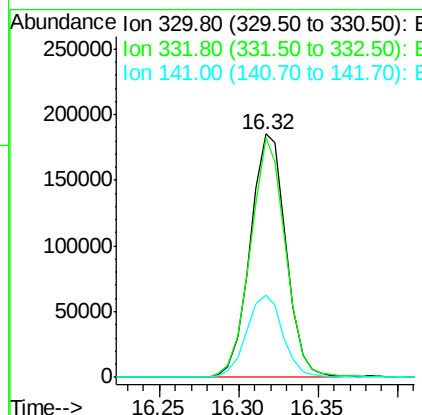
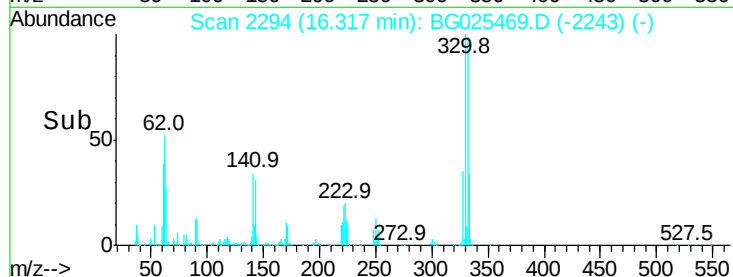
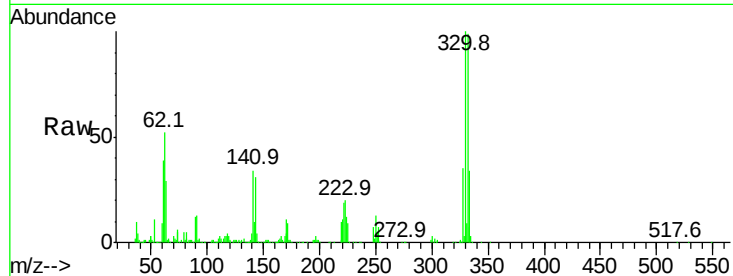
#41  
 2,4,6-Tribromophenol  
 Concen: 81.56 ng  
 RT: 16.32 min Scan# 2294  
 Delta R.T. -0.00 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 290125 |       |       |
| 332     | 96.9  | 77.3   | 115.9 |       |
| 141     | 34.3  | 32.1   | 48.1  |       |

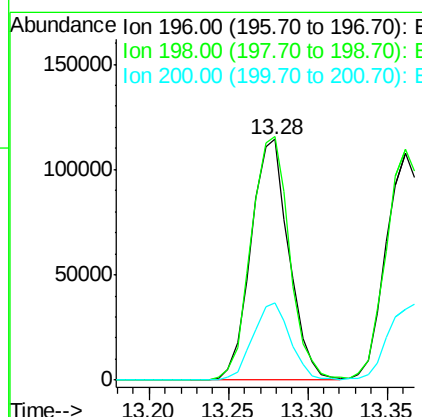
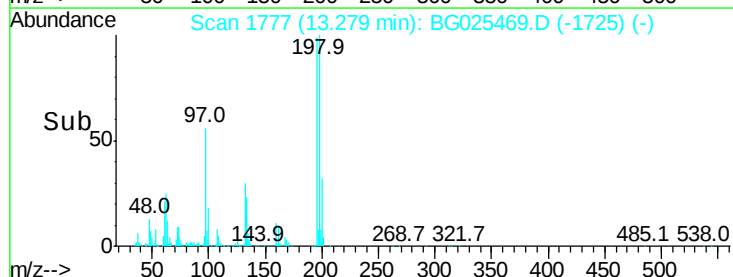
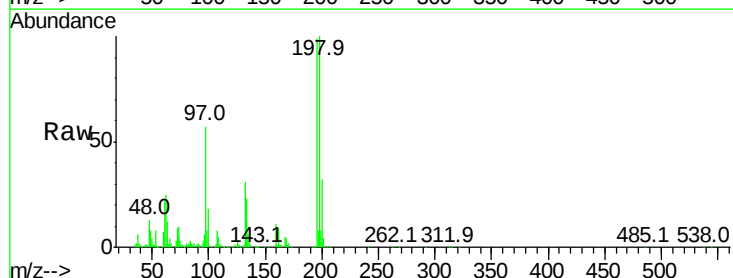
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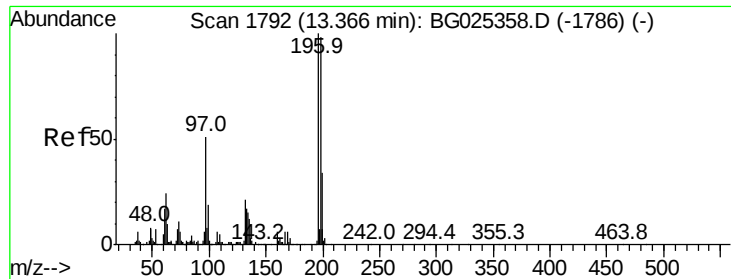
mohammad  
 1/11/2017 9:11:07 AM



#42  
 2,4,6-Trichlorophenol  
 Concen: 41.52 ng  
 RT: 13.28 min Scan# 1777  
 Delta R.T. 0.01 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 190690 |       |       |
| 198     | 101.1 | 81.4   | 122.2 |       |
| 200     | 32.1  | 27.0   | 40.6  |       |





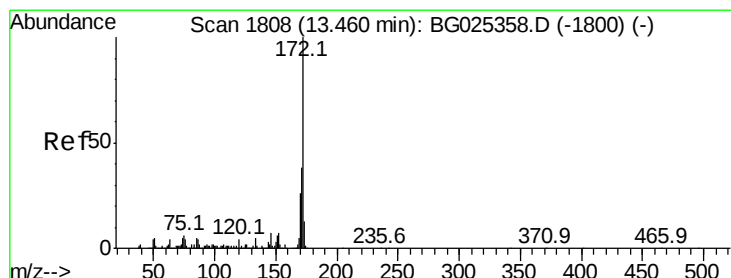
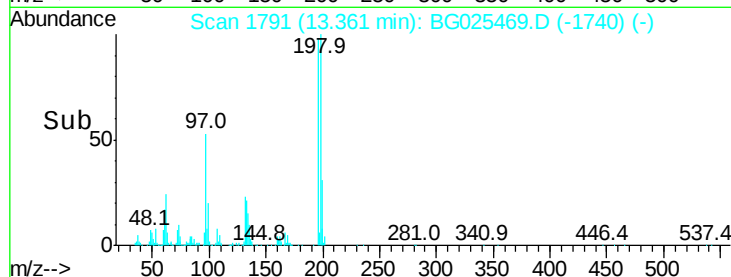
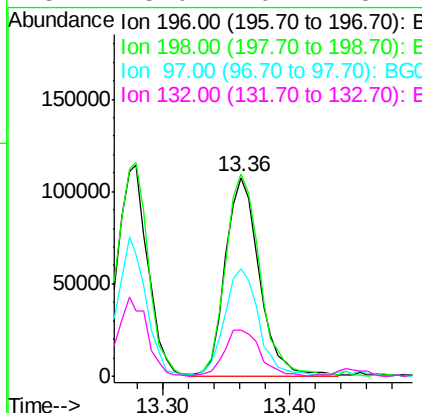
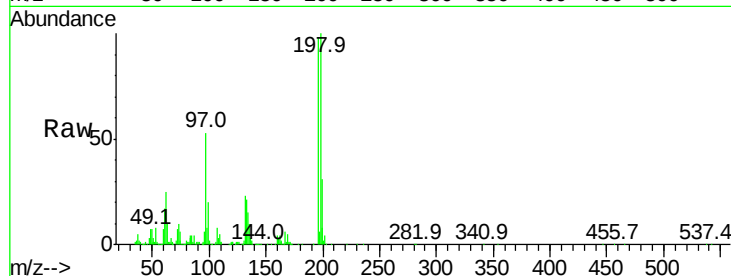
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.60 ng  
 RT: 13.36 min Scan# 1791  
 Delta R.T. -0.00 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 200027 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 101.7 | 79.9  | 119.9  |
| 97        | 54.2  | 45.4  | 68.0   |
| 132       | 23.0  | 20.7  | 31.1   |

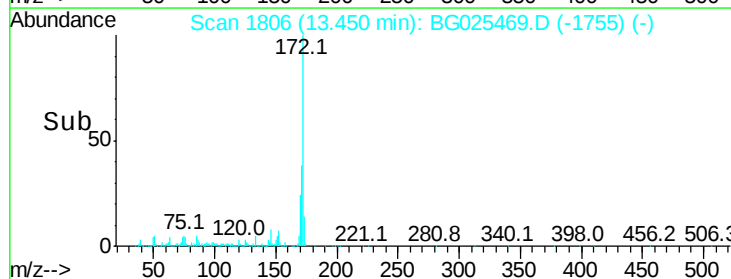
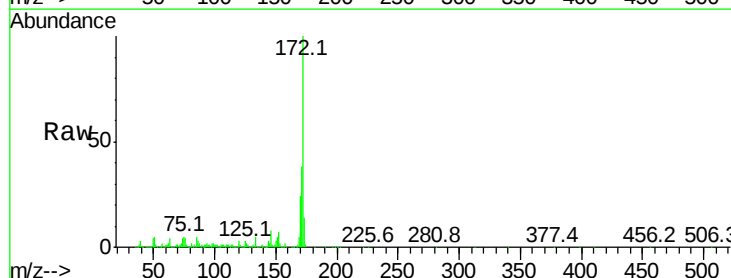
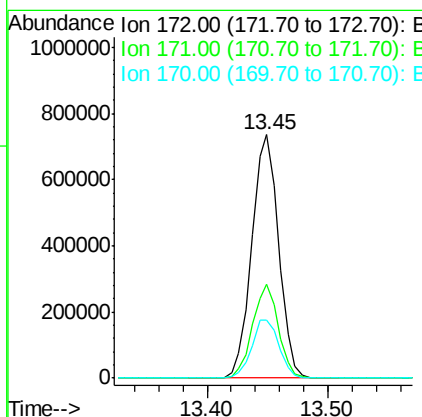
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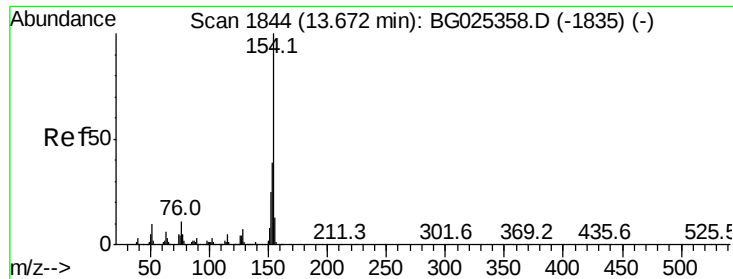
mohammad  
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#44  
 2-Fluorobiphenyl  
 Concen: 83.58 ng  
 RT: 13.45 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 1140726 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 38.3  | 32.2  | 48.2    |
| 170       | 24.0  | 21.8  | 32.6    |





#45

1,1'-Biphenyl

Concen: 42.43 ng

RT: 13.66 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

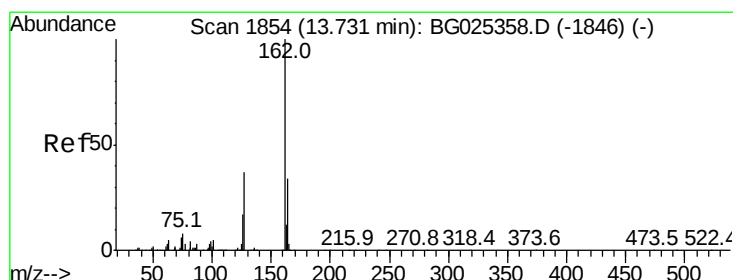
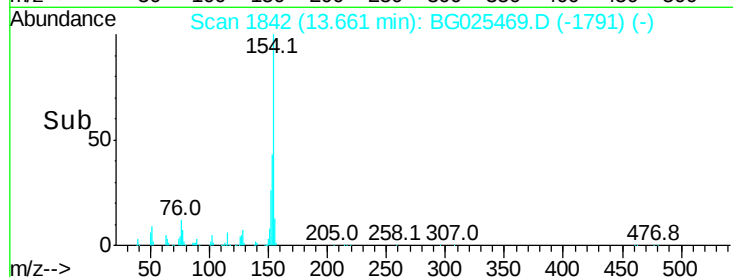
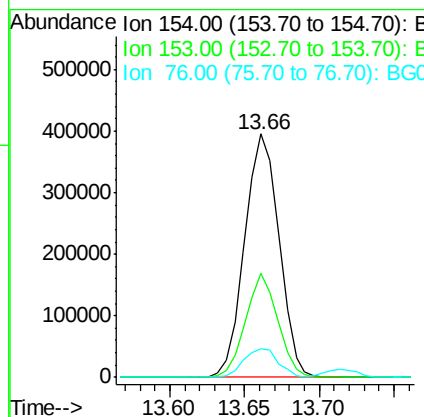
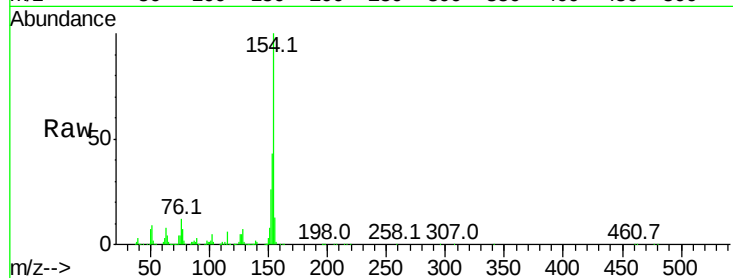
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 630573 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 42.5  | 23.0  | 63.0   |
| 76        | 12.0  | 0.0   | 33.5   |

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#46

2-Chloronaphthalene

Concen: 41.20 ng

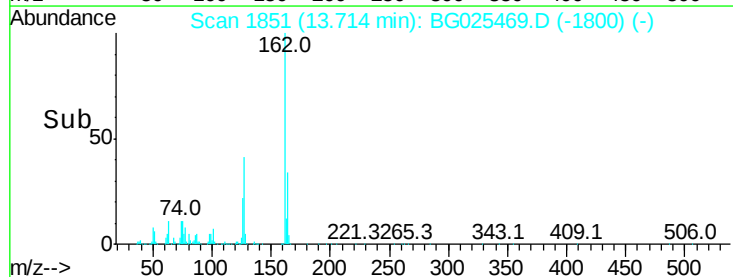
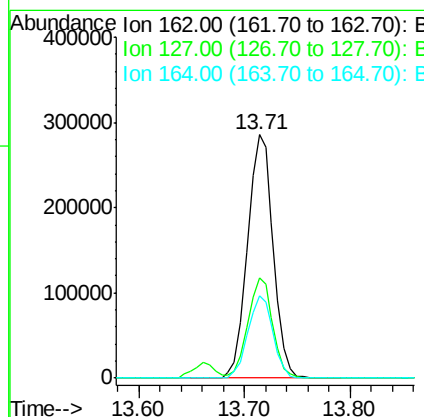
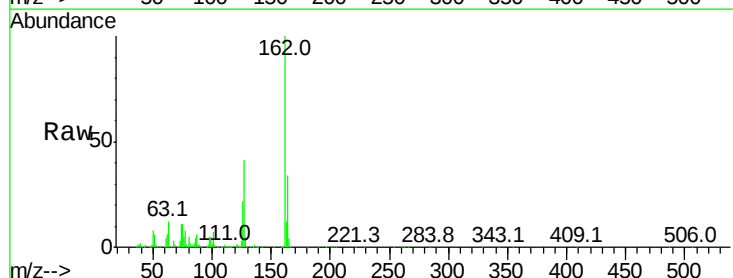
RT: 13.71 min Scan# 1851

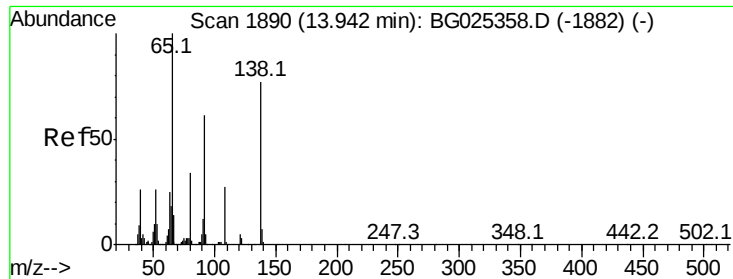
Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 478324 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.4  | 32.2  | 48.4   |
| 164       | 34.0  | 27.3  | 40.9   |





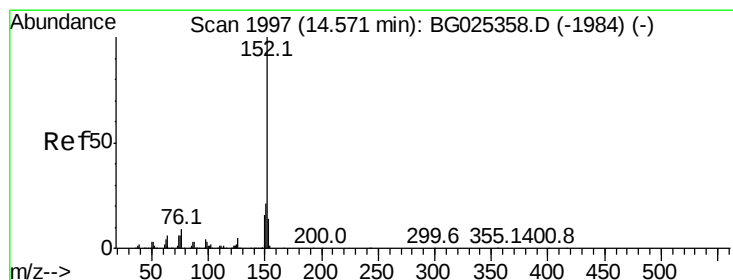
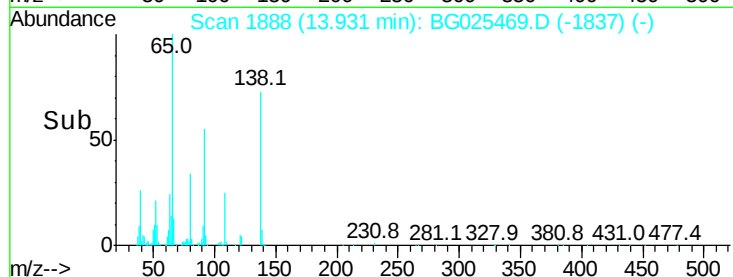
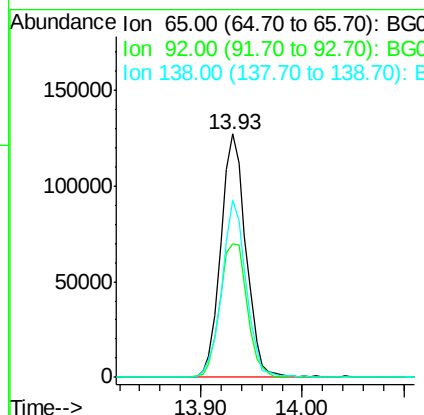
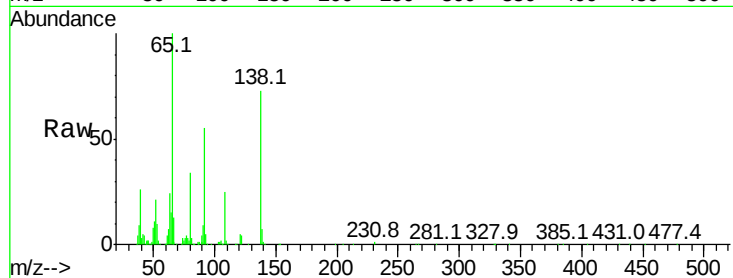
#47  
2-Nitroaniline  
Concen: 44.68 ng  
RT: 13.93 min Scan# 1888  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 55.1  | 49.0  | 73.4  |
| 138     | 72.8  | 58.6  | 87.8  |

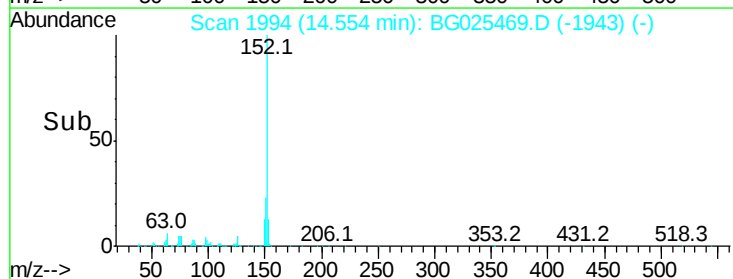
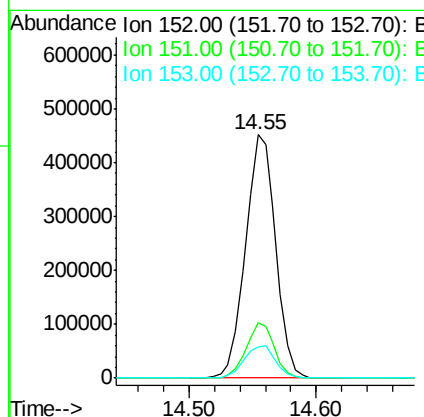
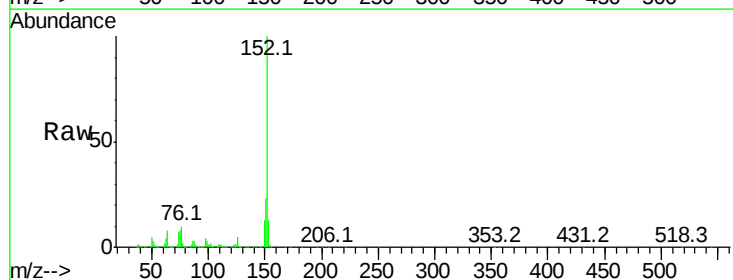
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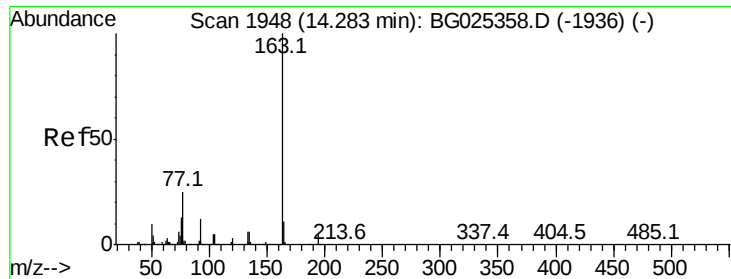
mohammad  
1/11/2017 9:11:07 AM



#48  
Acenaphthylene  
Concen: 41.25 ng  
RT: 14.55 min Scan# 1994  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 22.6  | 18.2  | 27.2  |
| 153     | 13.1  | 11.3  | 16.9  |





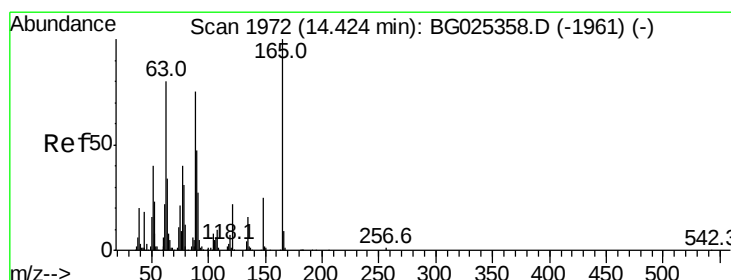
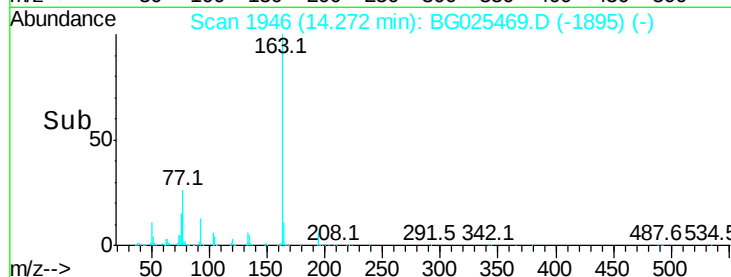
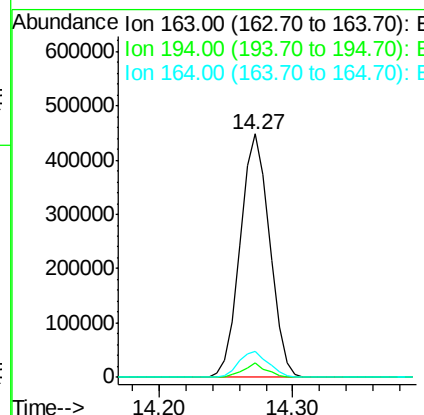
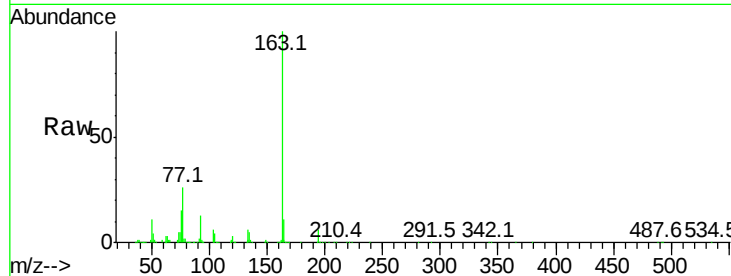
#49  
Dimethylphthalate  
Concen: 42.40 ng  
RT: 14.27 min Scan# 1946  
Delta R.T. 0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 5.7   | 3.8   | 5.6#  |
| 164     | 10.7  | 9.3   | 13.9  |

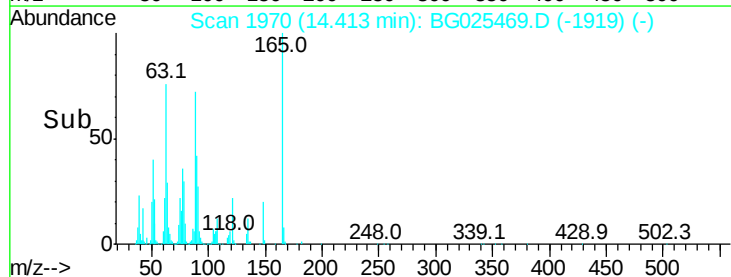
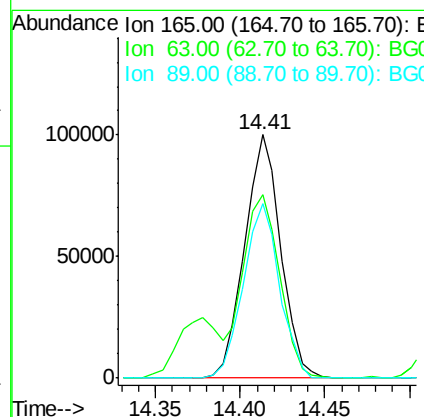
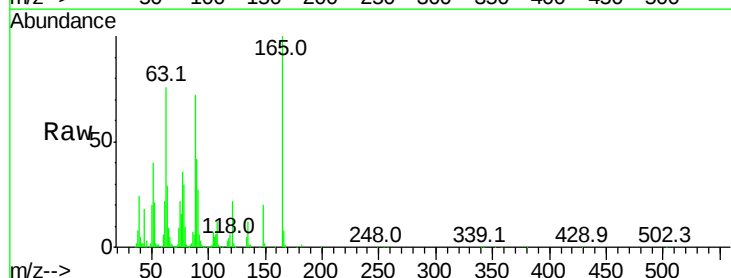
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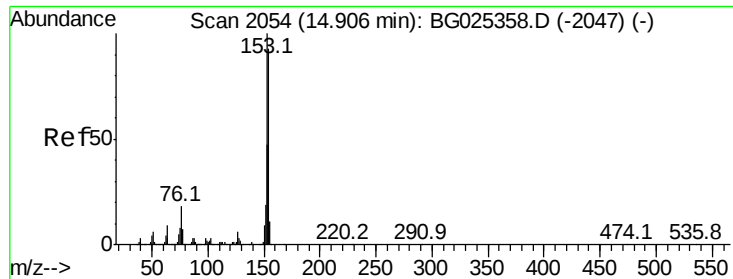
mohammad  
1/11/2017 9:11:07 AM



#50  
2,6-Dinitrotoluene  
Concen: 42.26 ng  
RT: 14.41 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 75.6  | 63.9  | 95.9  |
| 89      | 71.6  | 58.6  | 88.0  |





#51

Acenaphthene

Concen: 42.95 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

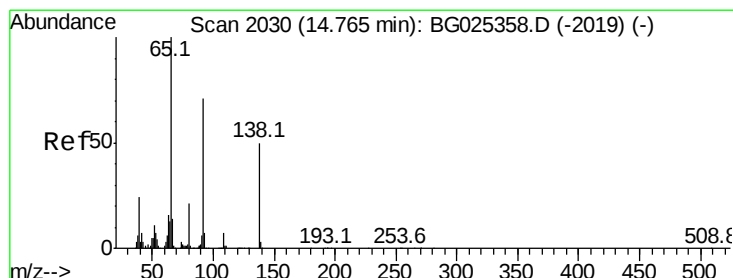
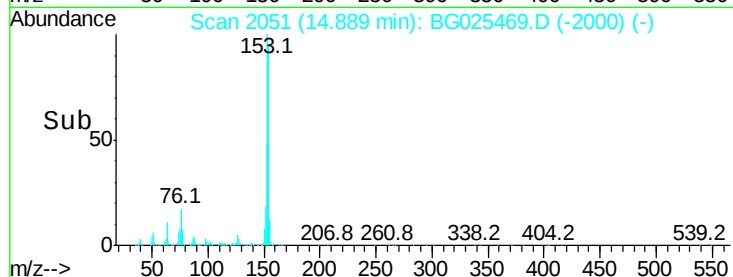
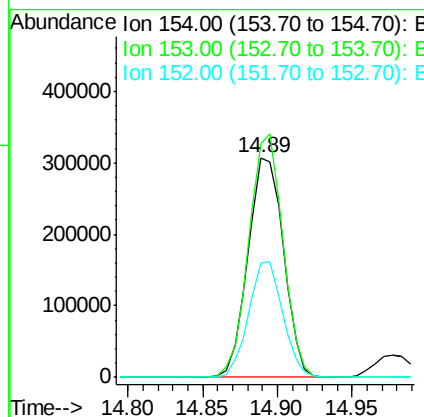
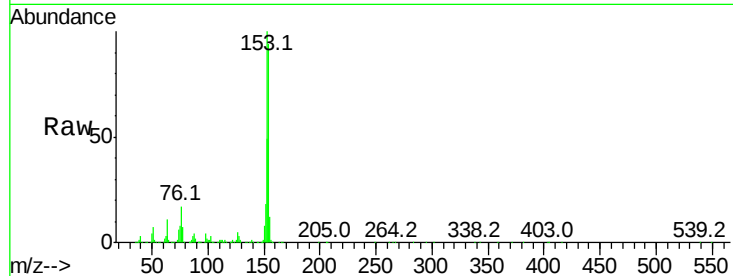
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 505524 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 106.0 | 87.8  | 131.6  |
| 152       | 52.1  | 42.2  | 63.4   |

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#52

3-Nitroaniline

Concen: 44.09 ng

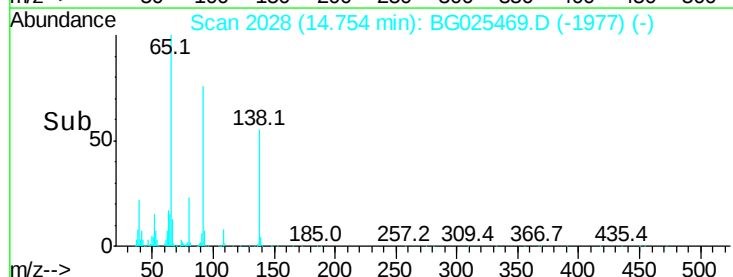
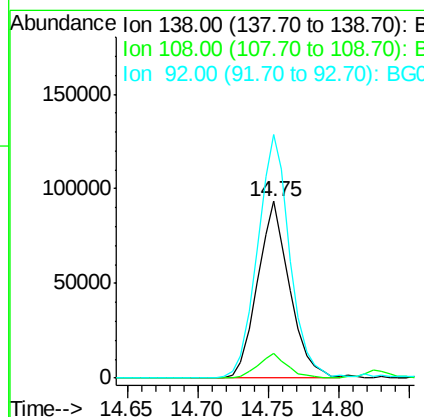
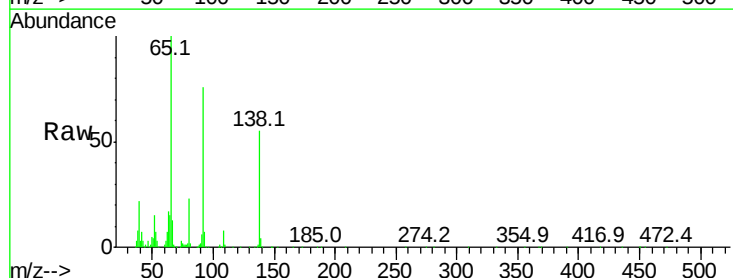
RT: 14.75 min Scan# 2028

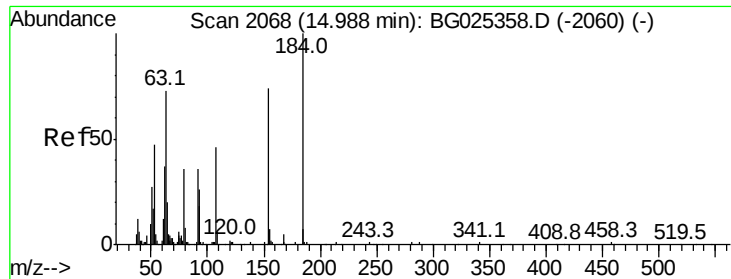
Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 149170 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 13.7  | 10.9  | 16.3   |
| 92        | 137.7 | 115.3 | 172.9  |





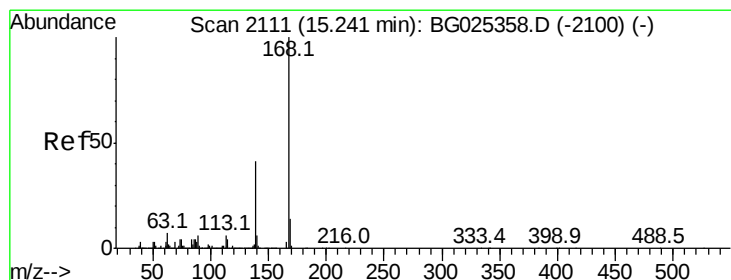
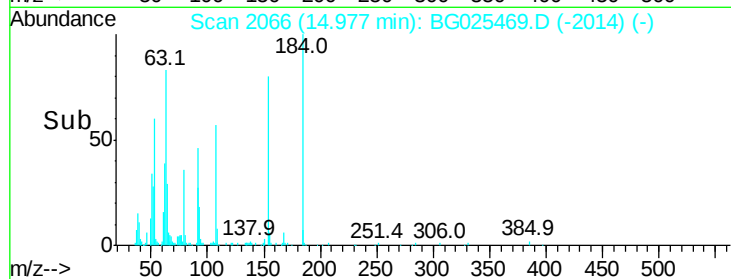
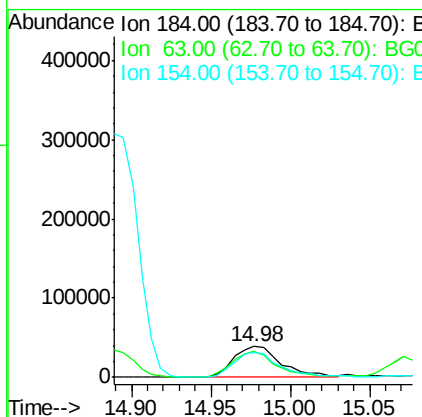
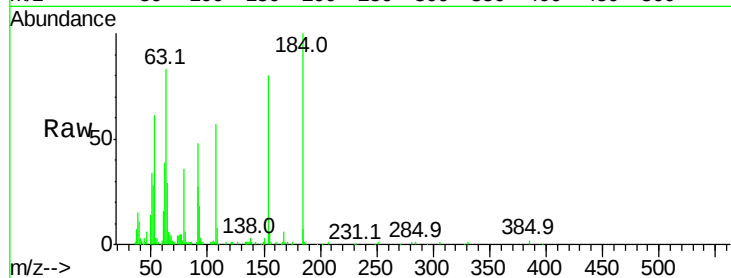
#53  
2,4-Dinitrophenol  
Concen: 38.25 ng  
RT: 14.98 min Scan# 2066  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 83.4  | 52.7  | 79.1# |
| 154     | 79.7  | 57.3  | 85.9  |

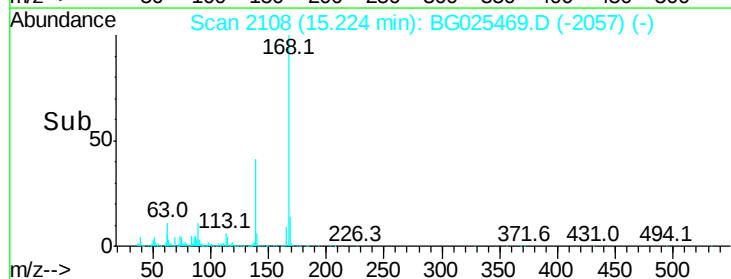
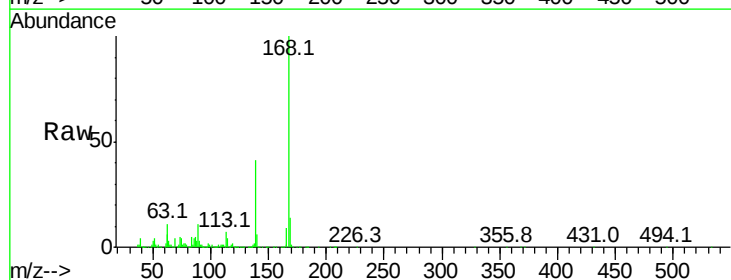
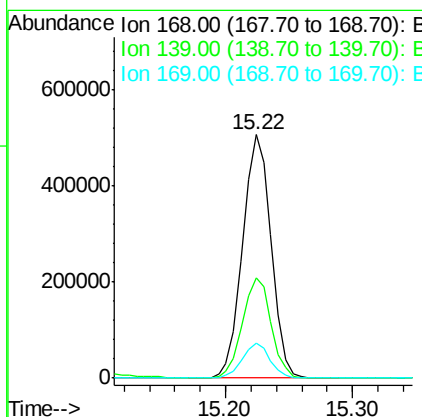
Manual Integrations  
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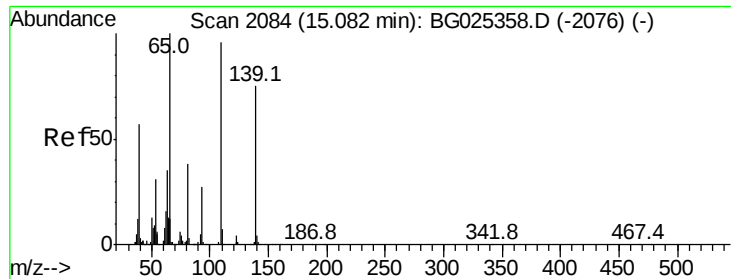
mohammad  
1/11/2017 9:11:07 AM



#54  
Dibenzofuran  
Concen: 42.34 ng  
RT: 15.22 min Scan# 2108  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.4  | 35.3  | 52.9  |
| 169     | 14.4  | 11.5  | 17.3  |





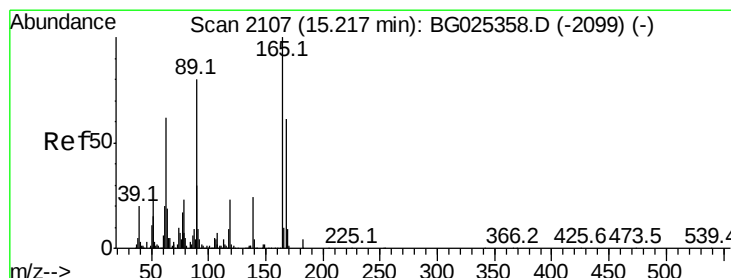
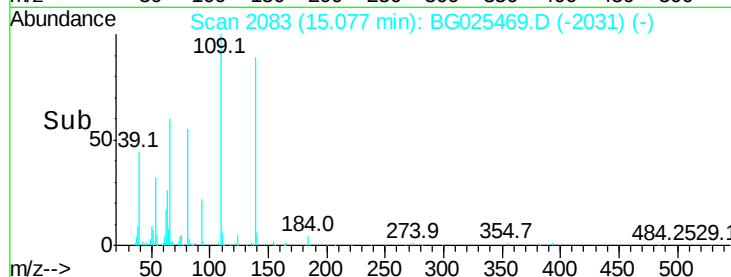
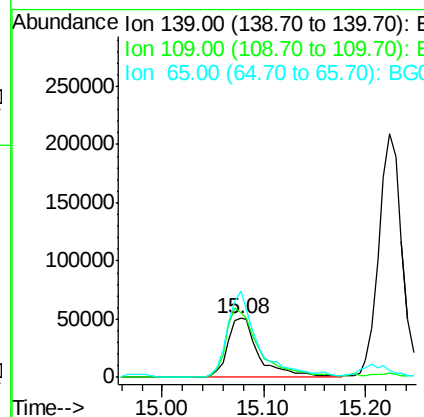
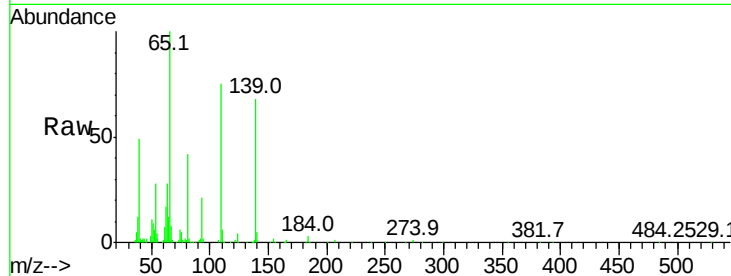
#55  
4-Nitrophenol  
Concen: 43.60 ng  
RT: 15.08 min Scan# 2083  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 109.9 | 101.2 | 141.2 |
| 65      | 146.3 | 135.3 | 175.3 |

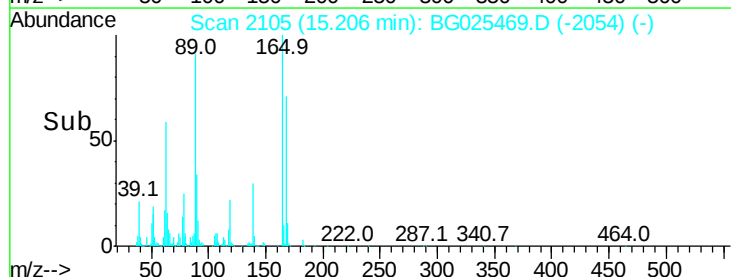
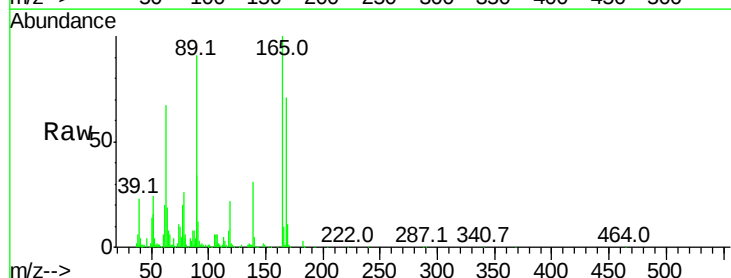
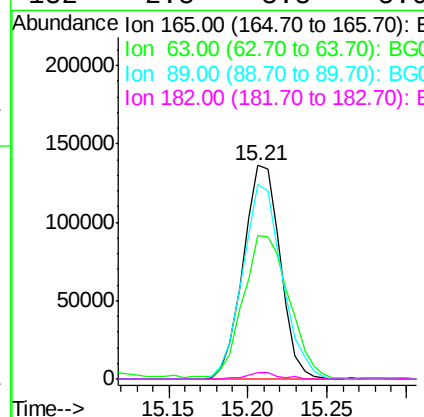
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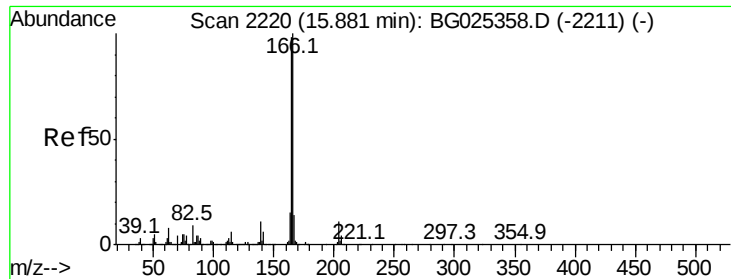
mohammad  
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#56  
2,4-Dinitrotoluene  
Concen: 43.05 ng  
RT: 15.21 min Scan# 2105  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 66.9  | 44.0  | 66.0# |
| 89      | 91.3  | 67.3  | 100.9 |
| 182     | 2.8   | 3.8   | 5.6#  |





#57

Fluorene

Concen: 41.73 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

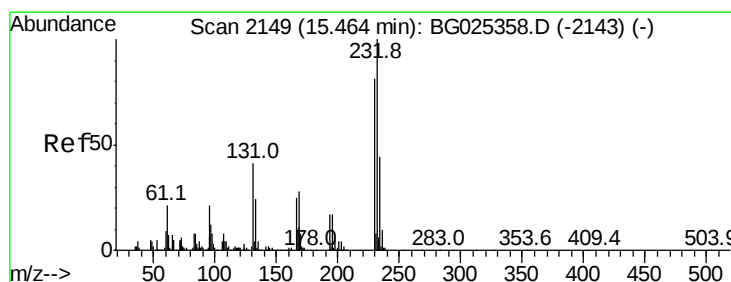
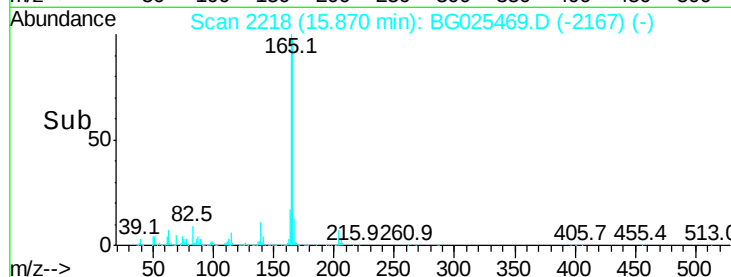
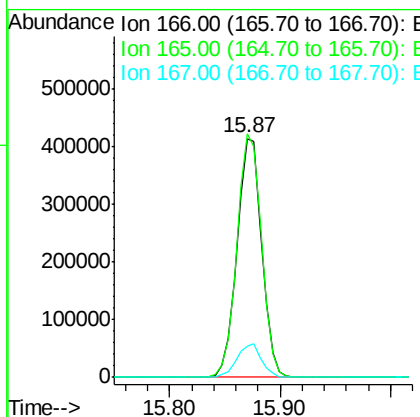
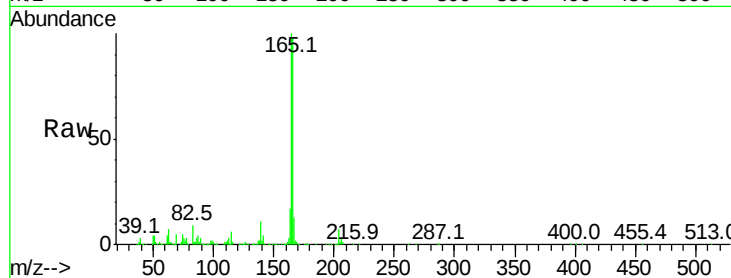
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 650140 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 102.1 | 78.6  | 117.8  |
| 167       | 13.2  | 11.6  | 17.4   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.10 ng

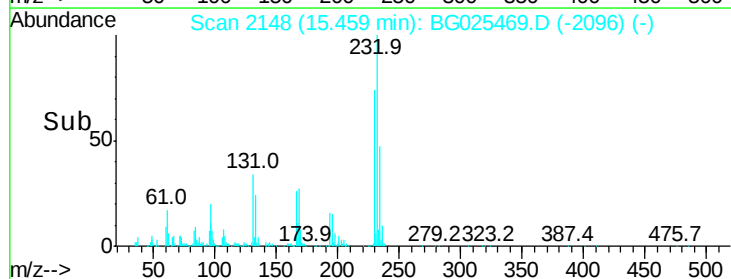
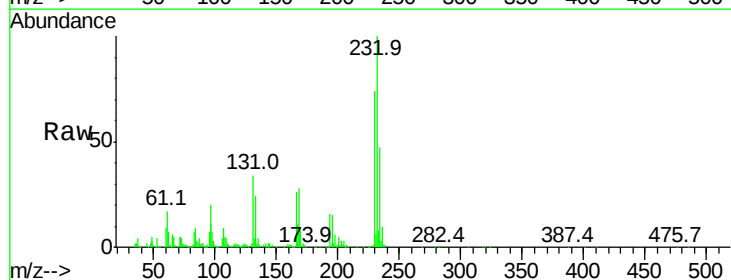
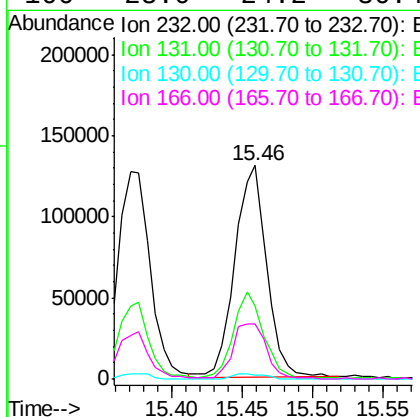
RT: 15.46 min Scan# 2148

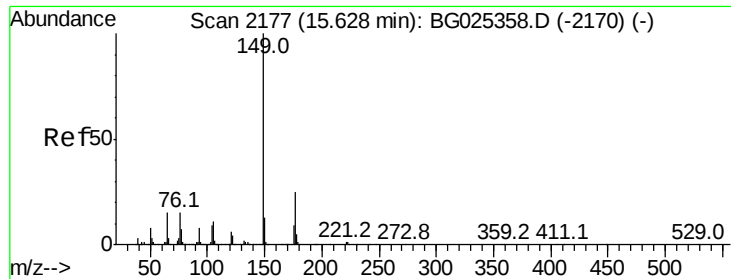
Delta R.T. 0.01 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 206527 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 37.8  | 34.9  | 52.3   |
| 130       | 2.6   | 2.3   | 3.5    |
| 166       | 28.0  | 24.2  | 36.4   |





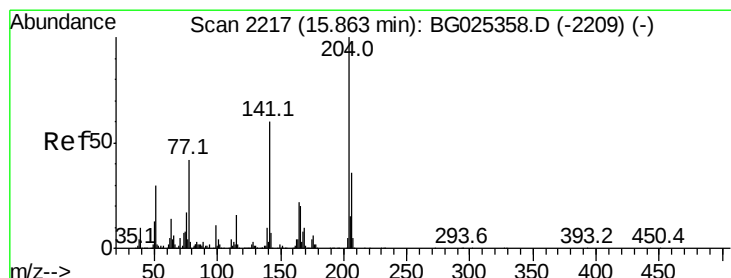
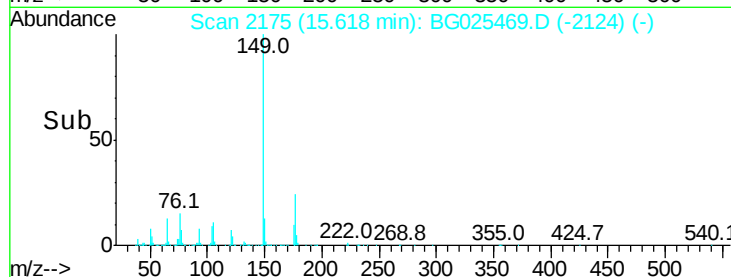
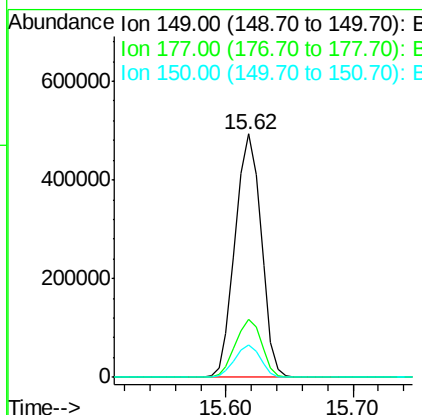
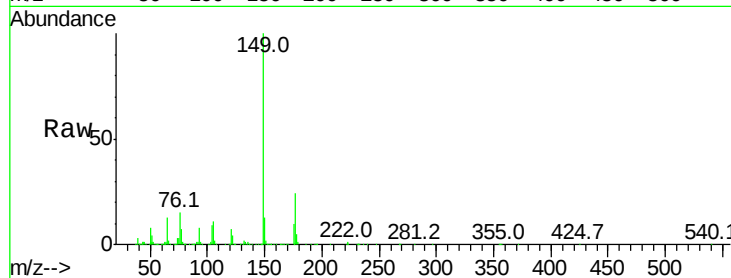
#59  
Diethylphthalate  
Concen: 41.56 ng  
RT: 15.62 min Scan# 2175  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.1  | 20.1  | 30.1  |
| 150     | 13.5  | 10.2  | 15.2  |

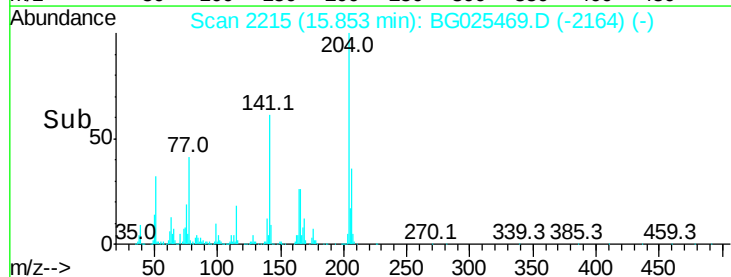
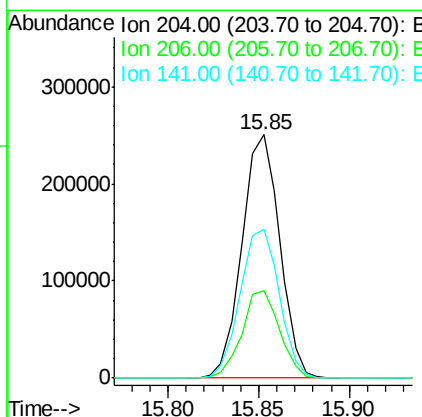
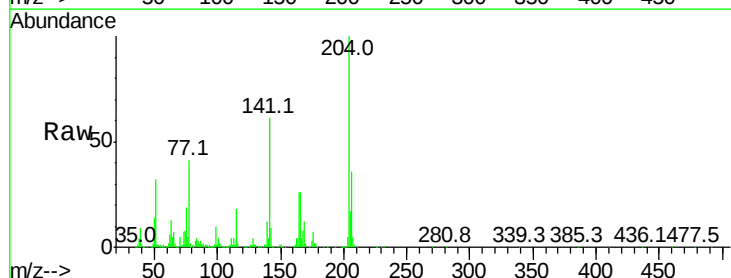
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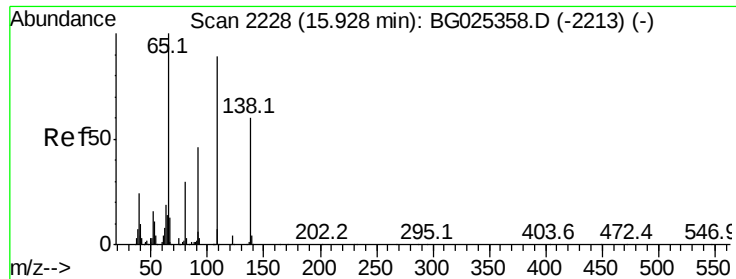
mohammad  
1/11/2017 9:11:07 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 41.14 ng  
RT: 15.85 min Scan# 2215  
Delta R.T. 0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 36.2  | 30.1  | 45.1  |
| 141     | 61.2  | 50.6  | 76.0  |





#61

4-Nitroaniline

Concen: 44.87 ng

RT: 15.92 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

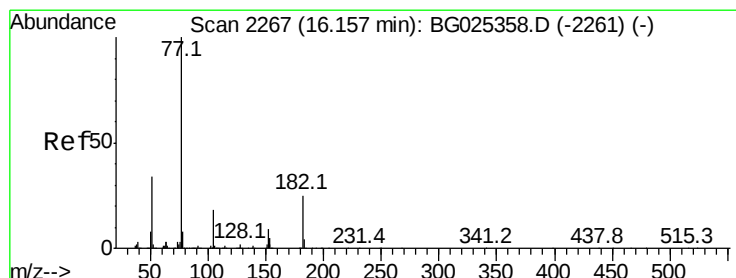
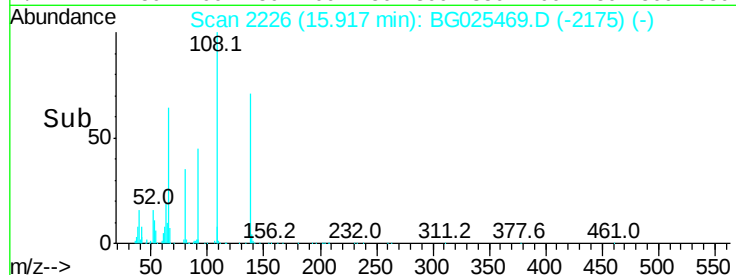
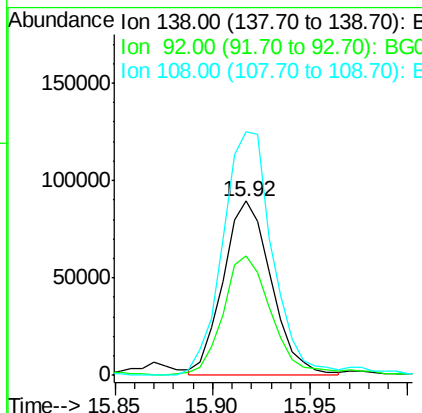
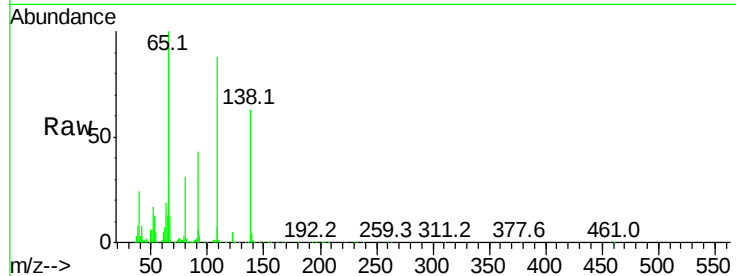
ClientSampleId :

SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 68.5  | 44.2  | 84.2  |
| 108     | 140.0 | 104.8 | 144.8 |

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#62

Azobenzene

Concen: 43.33 ng

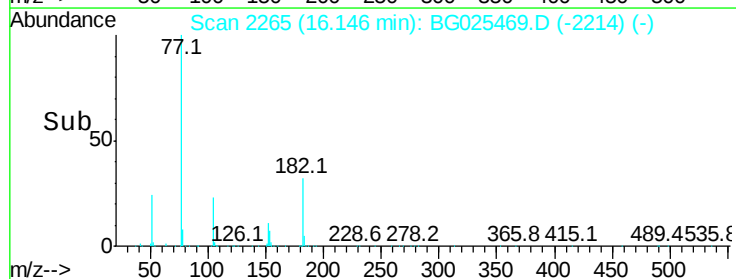
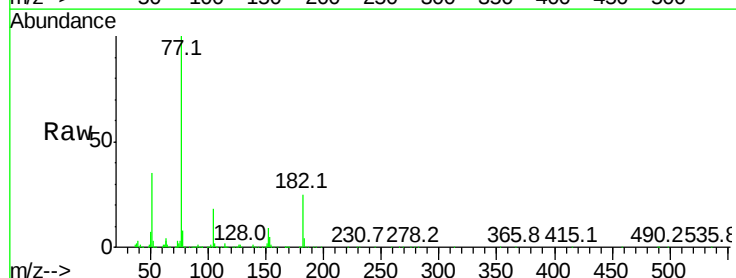
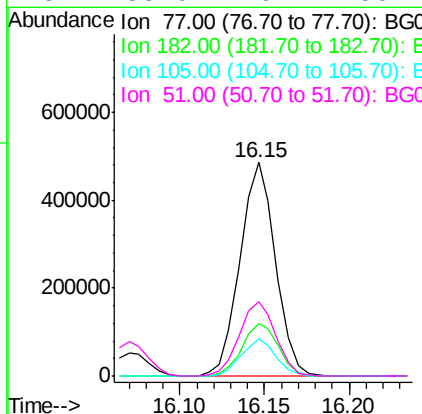
RT: 16.15 min Scan# 2265

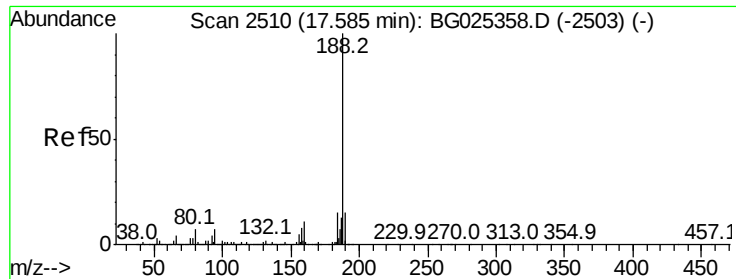
Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.7  | 4.7   | 44.7  |
| 105     | 17.6  | 0.0   | 36.3  |
| 51      | 35.0  | 16.4  | 56.4  |





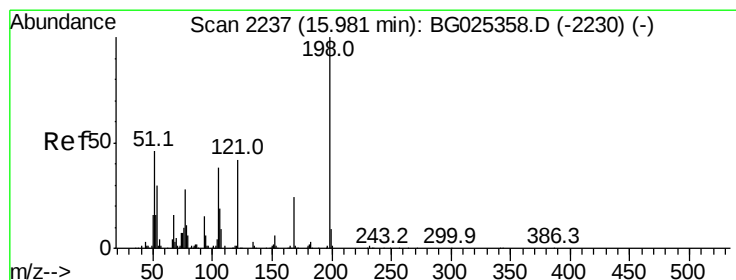
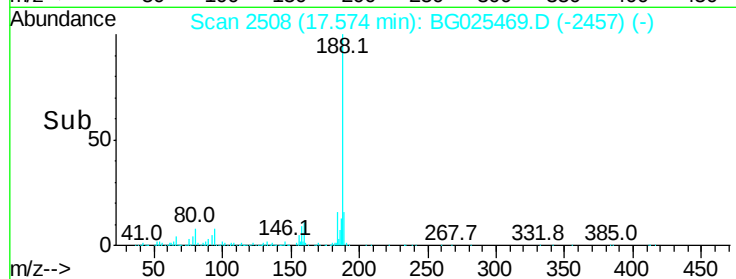
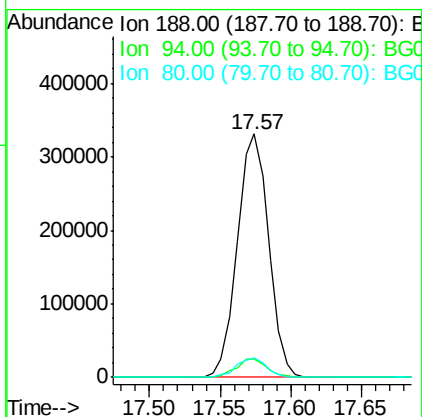
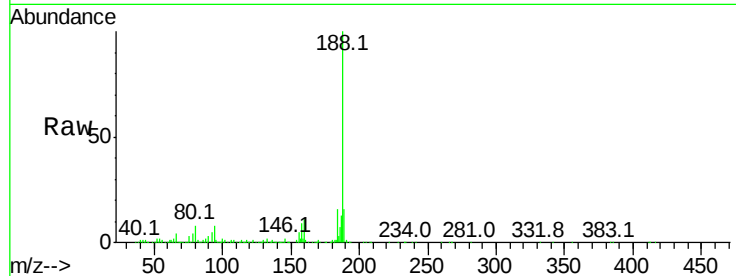
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.57 min Scan# 2508  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 7.5   | 5.8        | 8.8        |
| 80      | 8.2   | 7.5        | 11.3       |

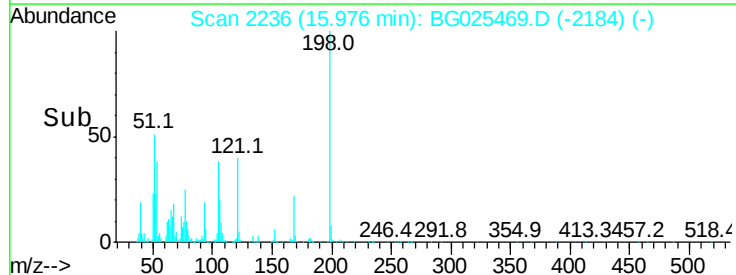
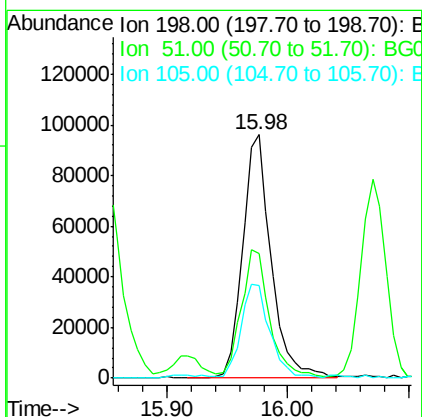
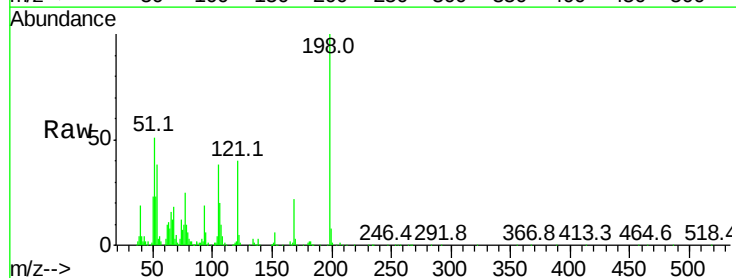
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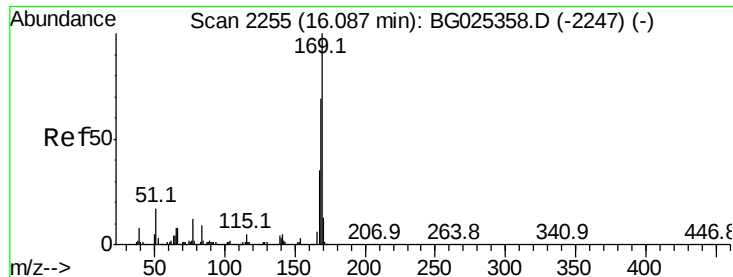
mohammad  
1/11/2017 9:11:07 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 44.38 ng  
RT: 15.98 min Scan# 2236  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 50.9  | 22.6       | 62.6       |
| 105     | 37.8  | 14.4       | 54.4       |





#65

n-Nitrosodiphenylamine

Concen: 42.06 ng

RT: 16.07 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

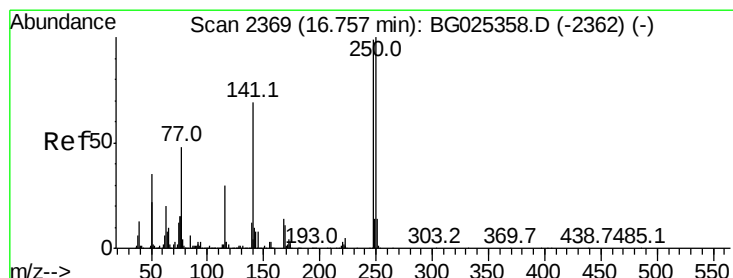
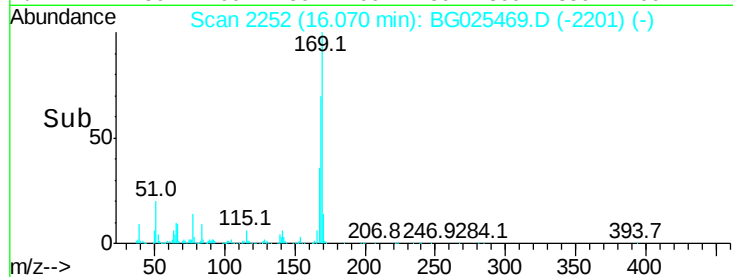
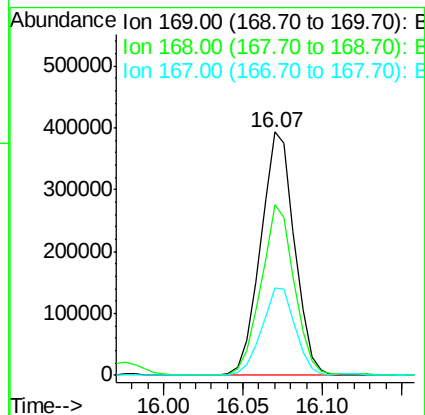
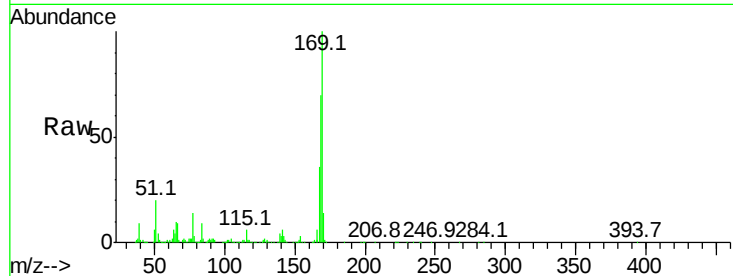
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 583435 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 69.9  | 55.7  | 83.5   |
| 167       | 35.7  | 29.8  | 44.6   |

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#66

4-Bromophenyl-phenylether

Concen: 41.70 ng

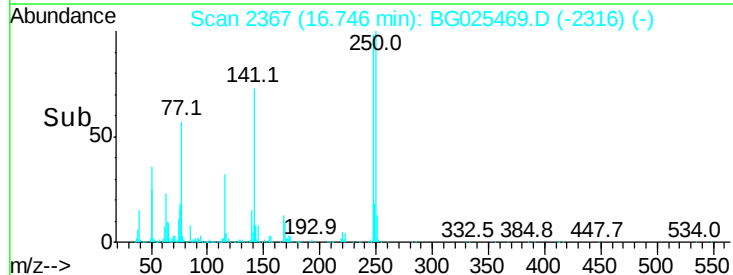
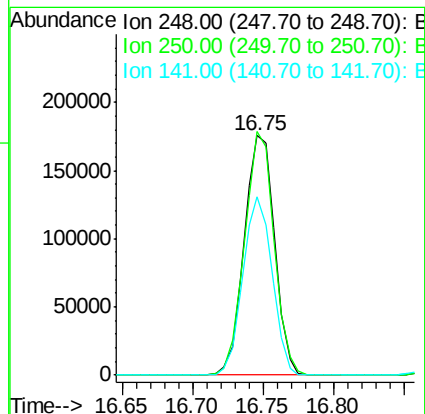
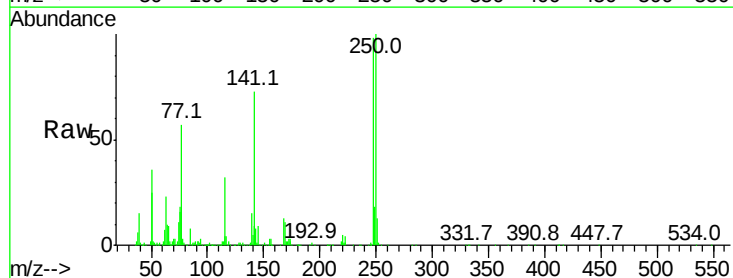
RT: 16.75 min Scan# 2367

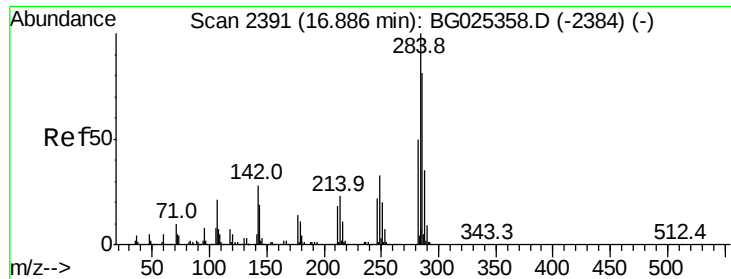
Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 264058 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 101.6 | 75.0  | 112.6  |
| 141       | 74.6  | 55.2  | 82.8   |





#67

Hexachlorobenzene

Concen: 41.70 ng

RT: 16.87 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

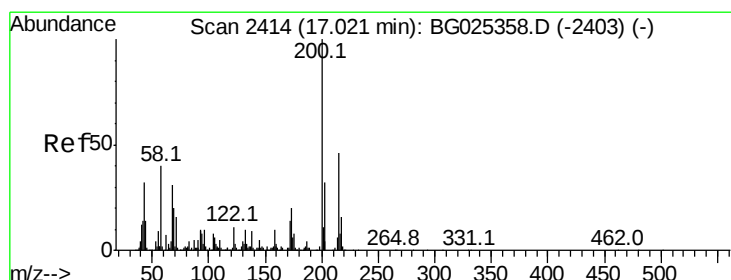
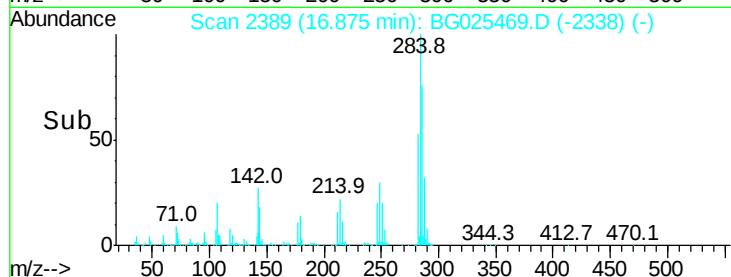
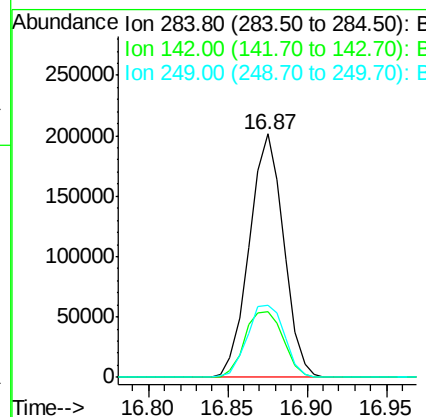
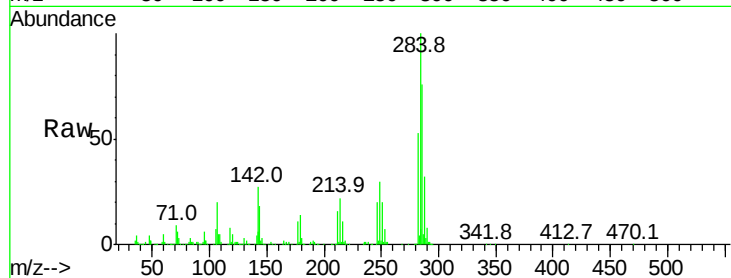
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 302945 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 27.1  | 29.9  | 44.9#  |
| 249       | 29.7  | 29.2  | 43.8   |

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#68

Atrazine

Concen: 35.05 ng

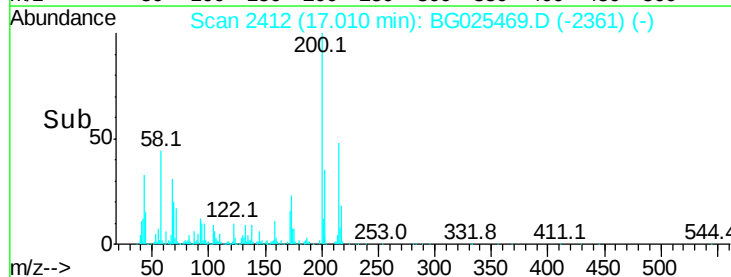
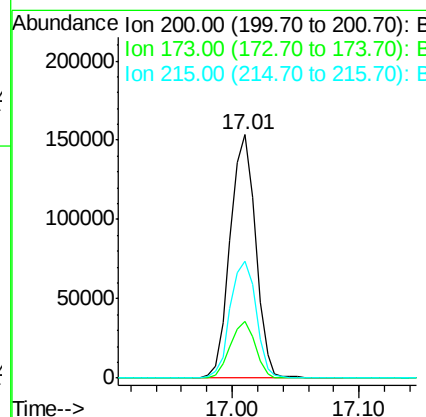
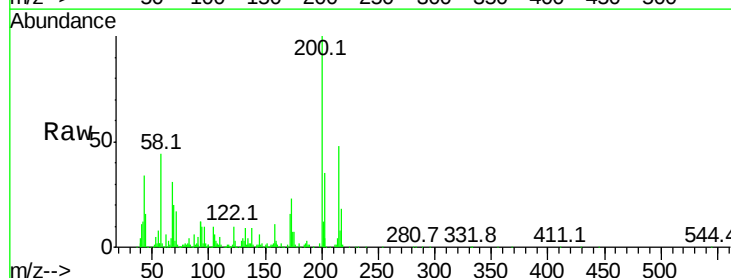
RT: 17.01 min Scan# 2412

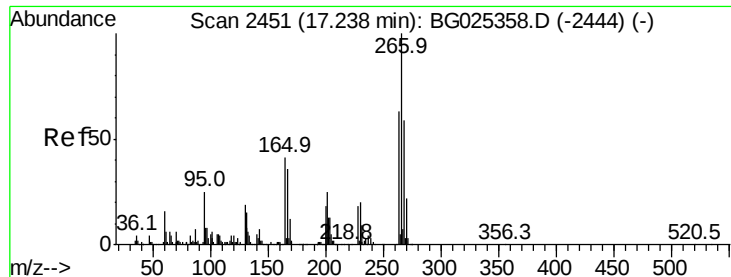
Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 213046 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 23.2  | 3.0   | 43.0   |
| 215       | 48.2  | 28.4  | 68.4   |





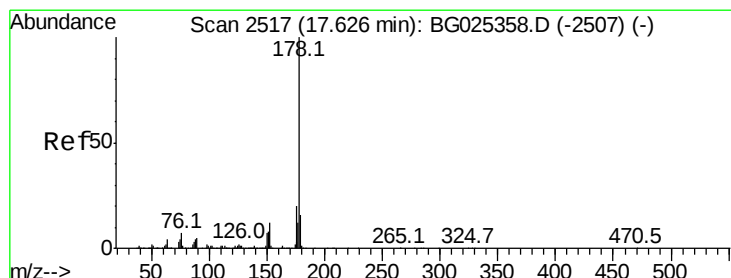
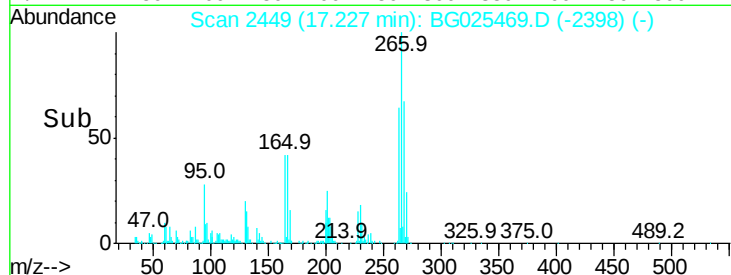
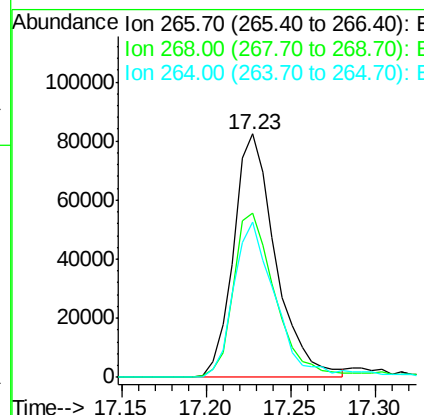
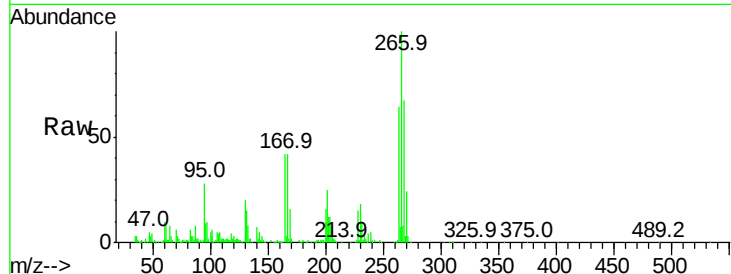
#69  
 Pentachlorophenol  
 Concen: 37.92 ng  
 RT: 17.23 min Scan# 2449  
 Delta R.T. -0.00 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 67.4  | 48.6  | 72.8  |
| 264     | 63.6  | 50.1  | 75.1  |

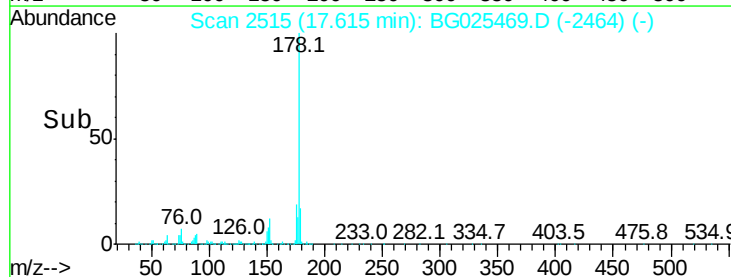
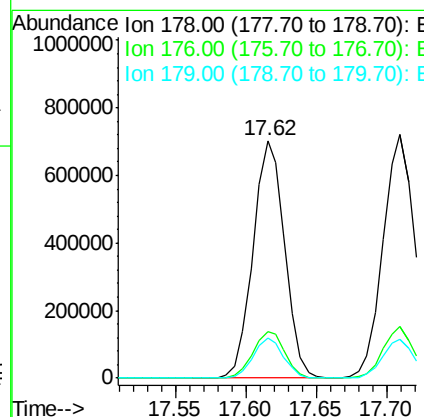
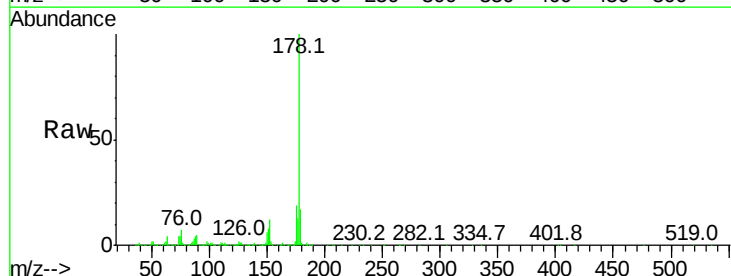
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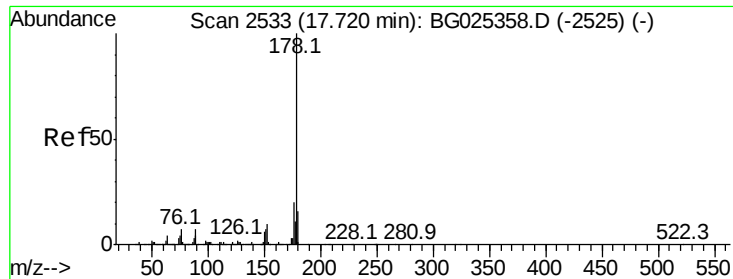
mohammad  
 1/11/2017 9:11:07 AM



#70  
 Phenanthrene  
 Concen: 41.68 ng  
 RT: 17.62 min Scan# 2515  
 Delta R.T. -0.00 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 17.7  | 26.5  |
| 179     | 16.8  | 15.0  | 22.6  |





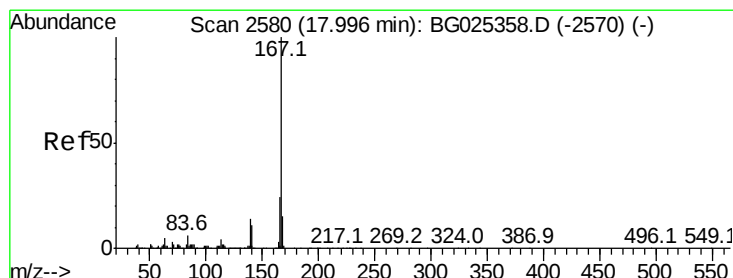
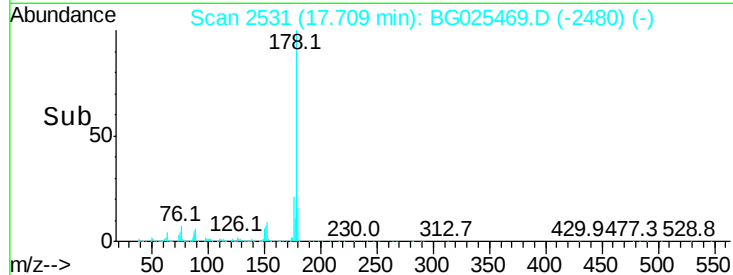
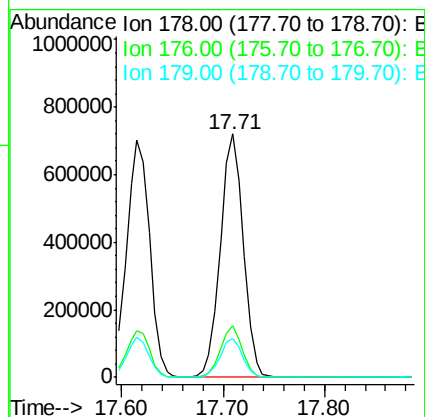
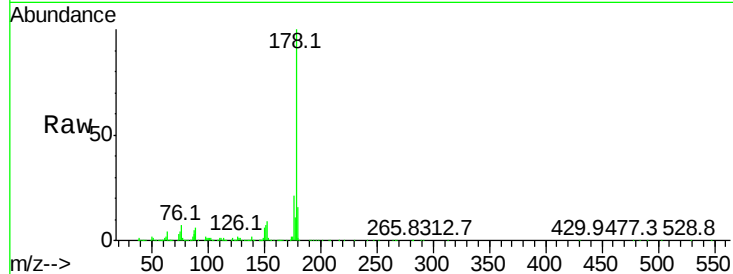
#71  
 Anthracene  
 Concen: 41.99 ng  
 RT: 17.71 min Scan# 2531  
 Delta R.T. -0.00 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.0  | 16.4  | 24.6  |
| 179     | 15.9  | 13.8  | 20.8  |

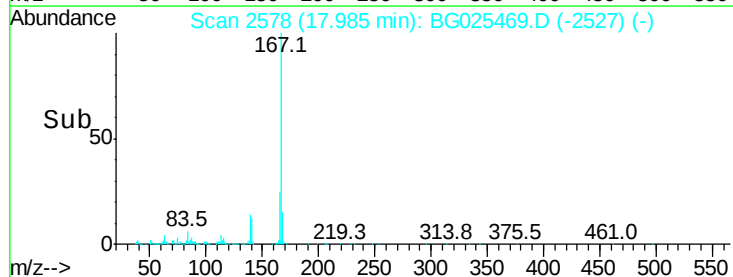
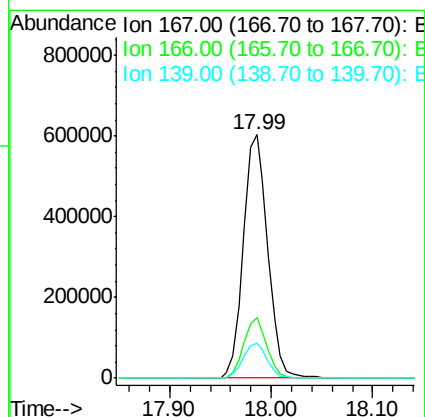
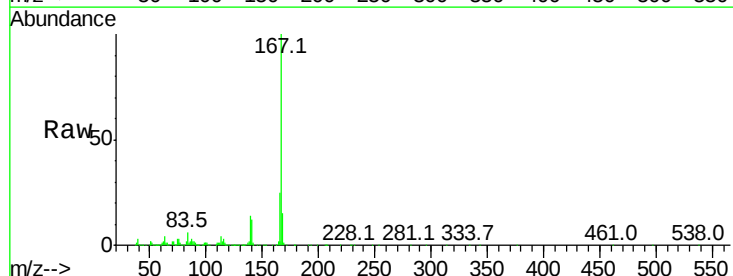
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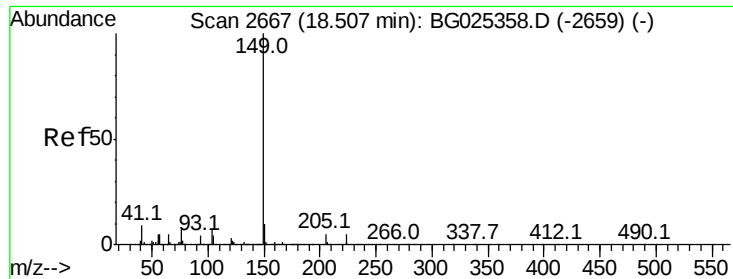
mohammad  
 1/11/2017 9:11:07 AM



#72  
 Carbazole  
 Concen: 41.68 ng  
 RT: 17.99 min Scan# 2578  
 Delta R.T. -0.00 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 25.0  | 20.2  | 30.2  |
| 139     | 14.4  | 12.8  | 19.2  |





#73

Di-n-butylphthalate

Concen: 40.95 ng

RT: 18.50 min Scan# 2665

Delta R.T. 0.01 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

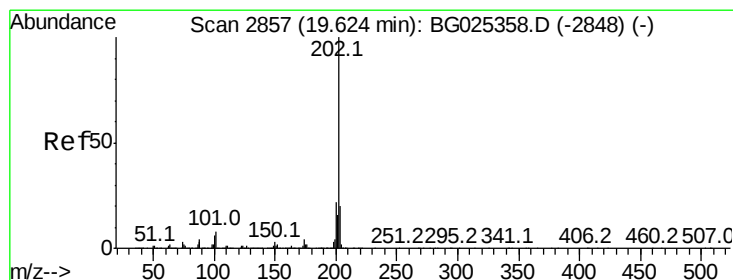
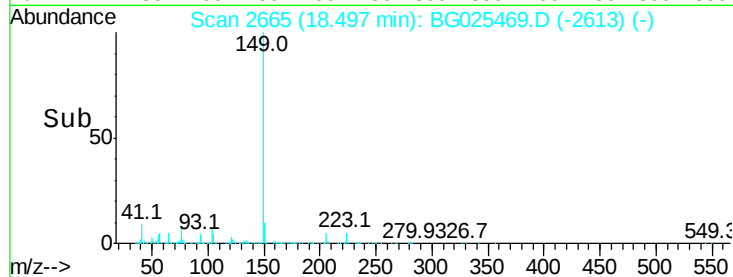
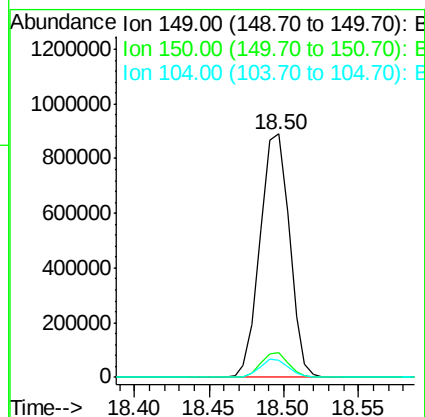
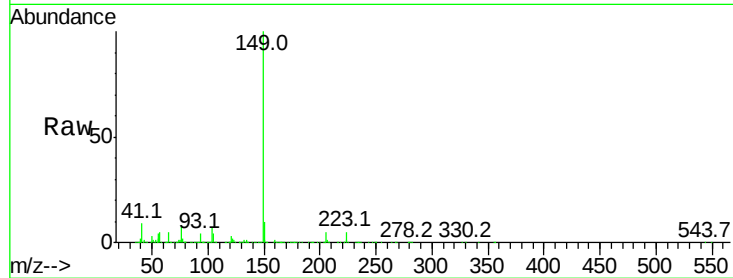
ClientSampleId :

SSTDCCC040EC

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 1210904 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 150      | 10.4  | 9.1   | 13.7    |
| 104      | 7.1   | 6.7   | 10.1    |

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#74

Fluoranthene

Concen: 41.81 ng

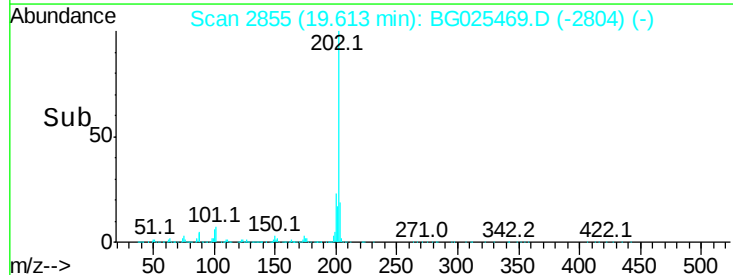
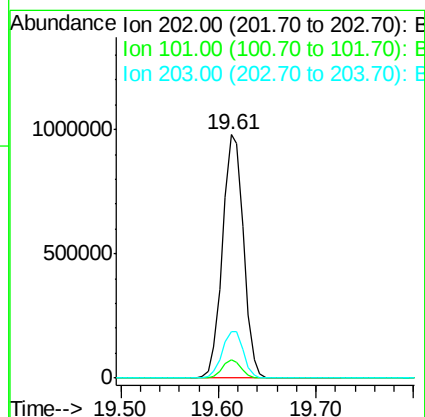
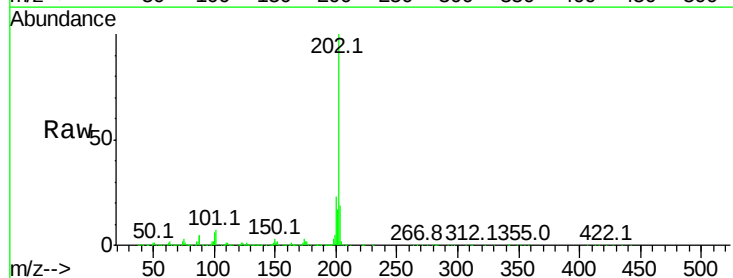
RT: 19.61 min Scan# 2855

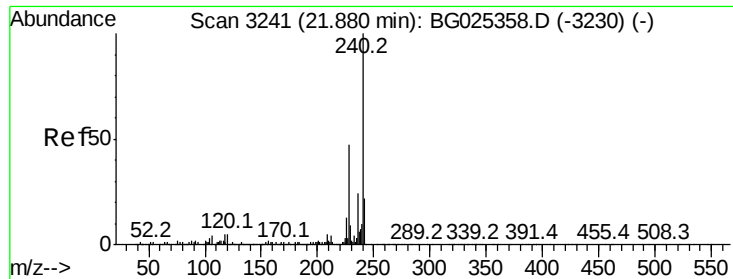
Delta R.T. 0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 202   | Resp: | 1460423 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 7.4   | 0.0   | 30.1    |
| 203      | 19.0  | 1.3   | 41.3    |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

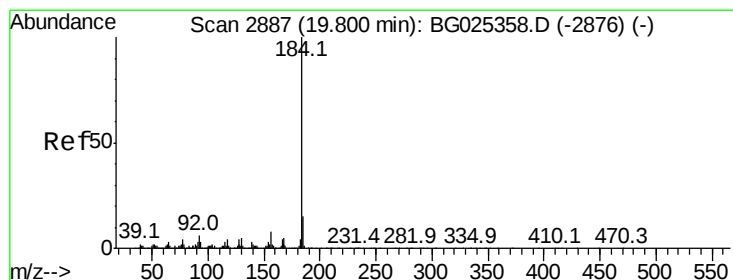
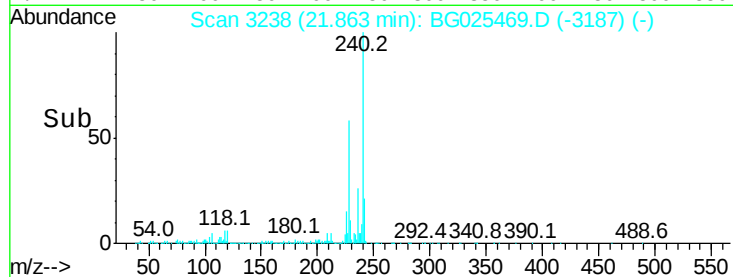
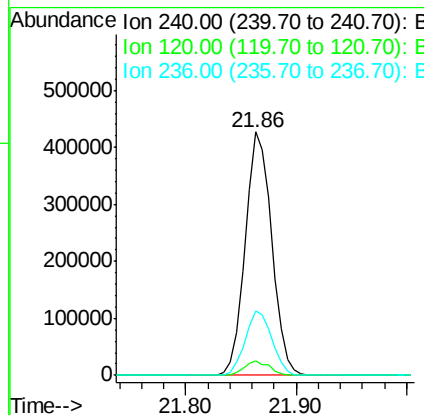
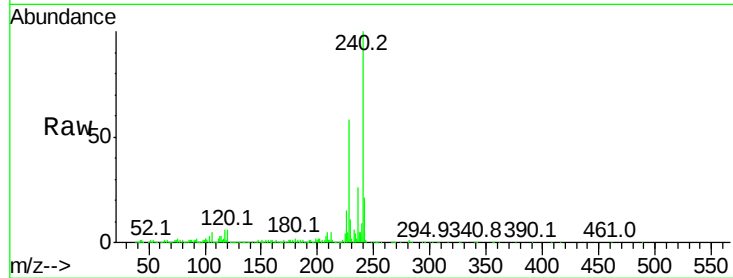
ClientSampleId :

SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.7   | 5.7   | 8.5   |
| 236     | 26.4  | 22.2  | 33.4  |

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#76

Benzidine

Concen: 35.95 ng

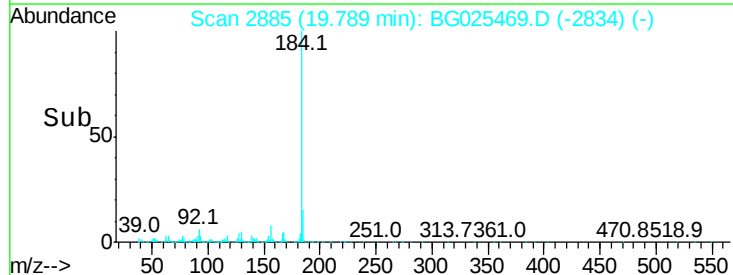
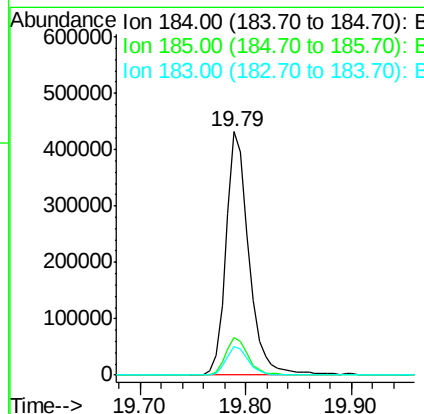
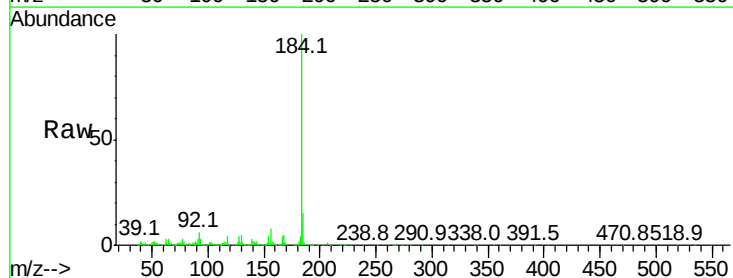
RT: 19.79 min Scan# 2885

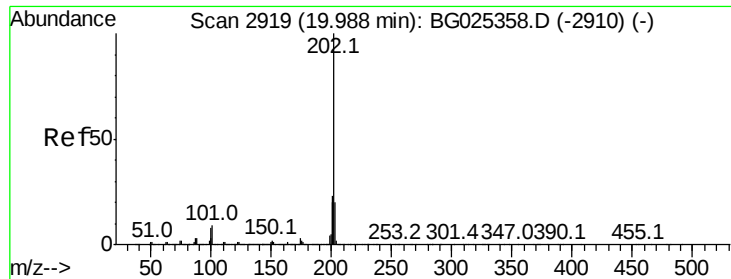
Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.2  | 13.0  | 19.6  |
| 183     | 11.5  | 11.0  | 16.6  |





#77

Pvrene

Concen: 40.09 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

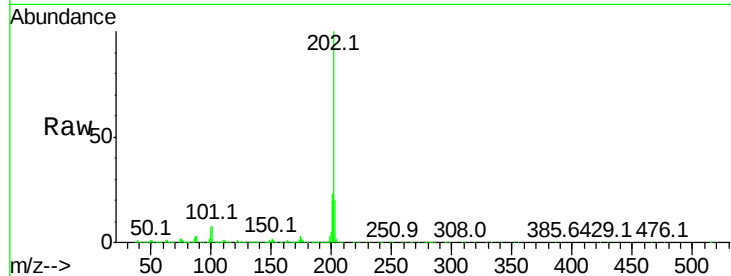
ClientSampleId :

SSTDCCC040EC

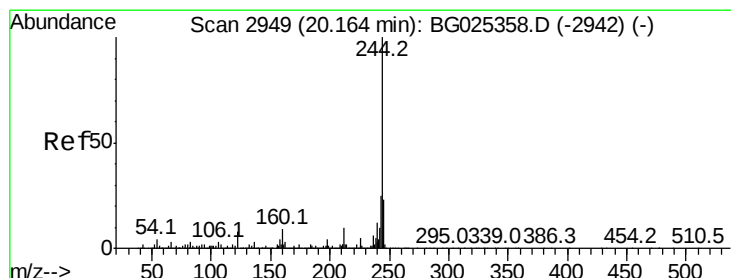
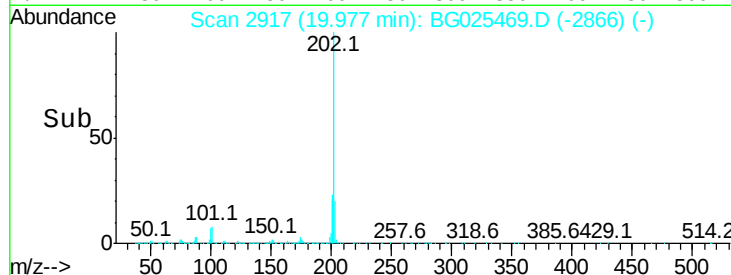
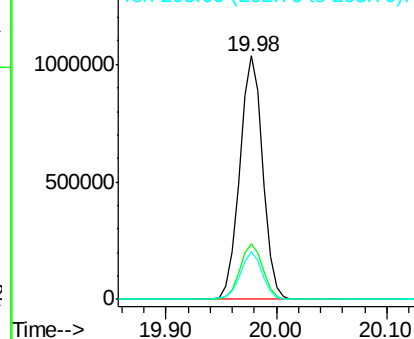
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1511668 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 22.7  | 19.6  | 29.4    |
| 203      | 19.6  | 15.8  | 23.8    |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.45 ng

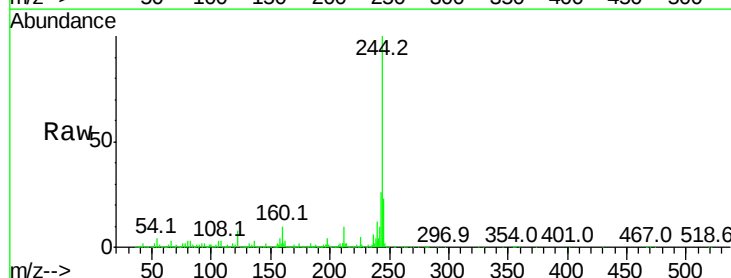
RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

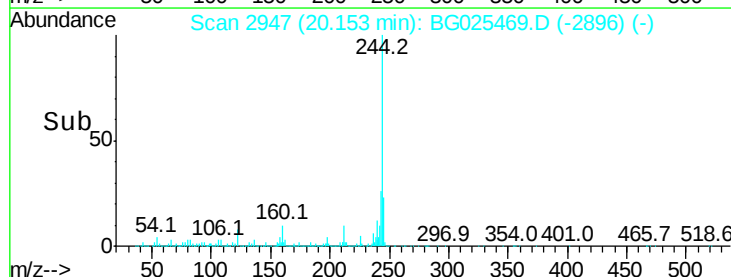
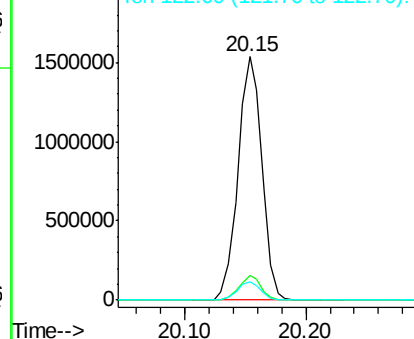
Lab File: BG025469.D

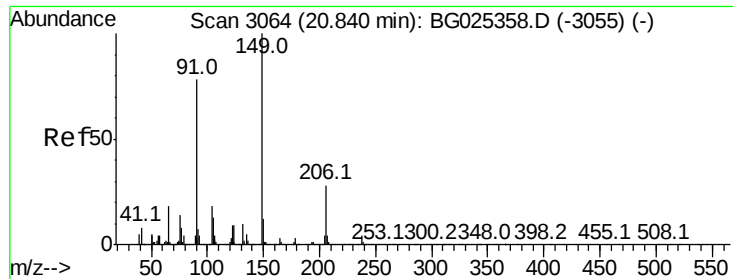
Acq: 11 Jan 2017 2:16

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 2107600 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 10.3  | 10.0  | 15.0    |
| 122      | 7.5   | 8.6   | 12.8#   |



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





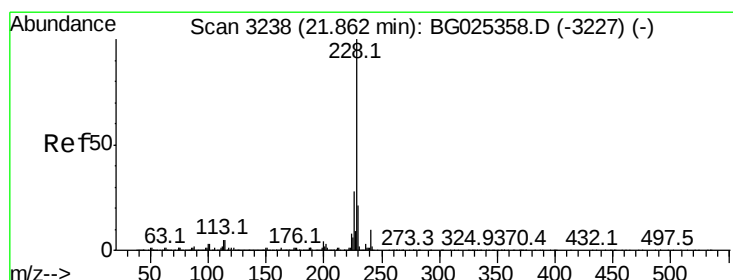
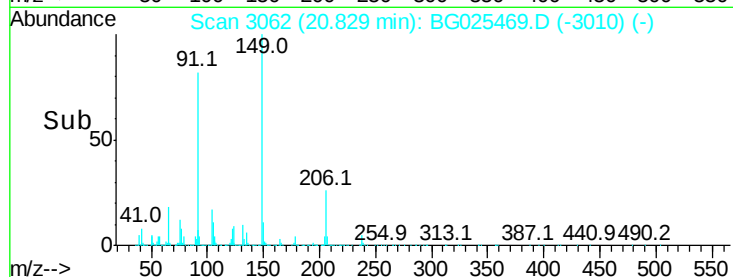
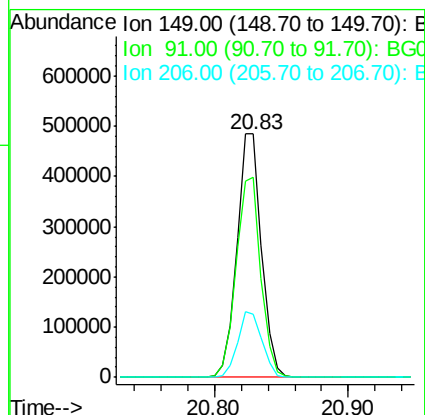
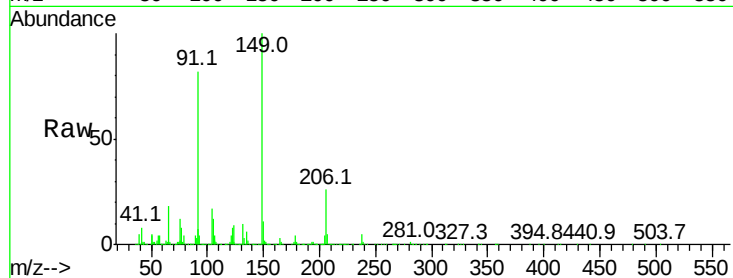
#79  
Butylbenzylphthalate  
Concen: 41.01 ng  
RT: 20.83 min Scan# 3062  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 82.1  | 63.5  | 95.3  |
| 206     | 26.2  | 21.0  | 31.6  |

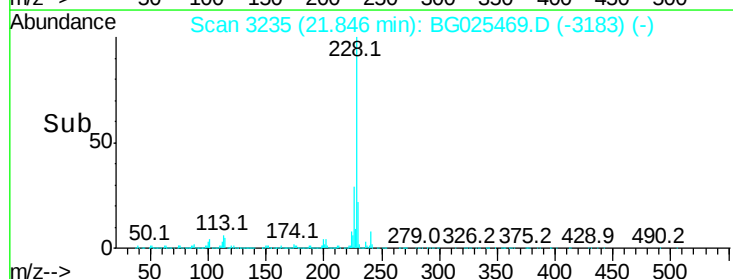
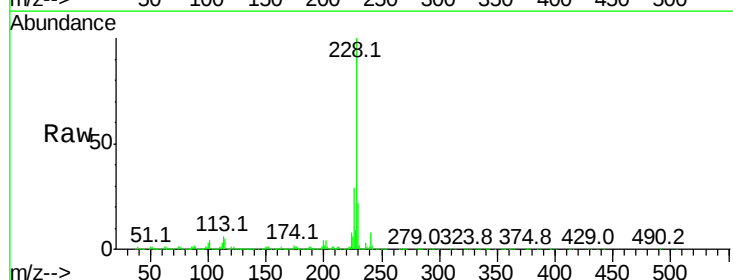
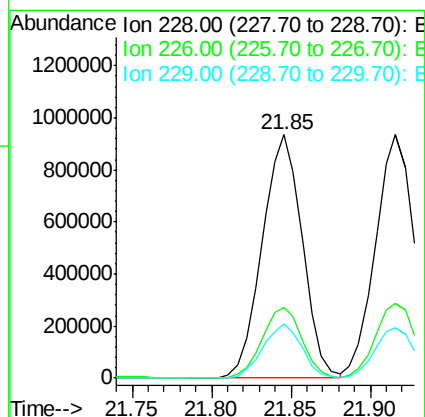
Manual Integrations  
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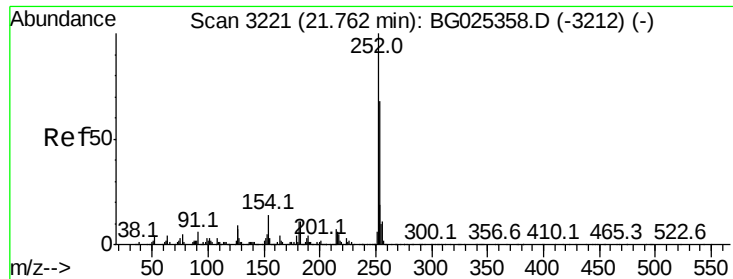
mohammad  
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#80  
Benzo(a)anthracene  
Concen: 40.73 ng  
RT: 21.85 min Scan# 3235  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.3  | 24.9  | 37.3  |
| 229     | 22.3  | 18.2  | 27.2  |





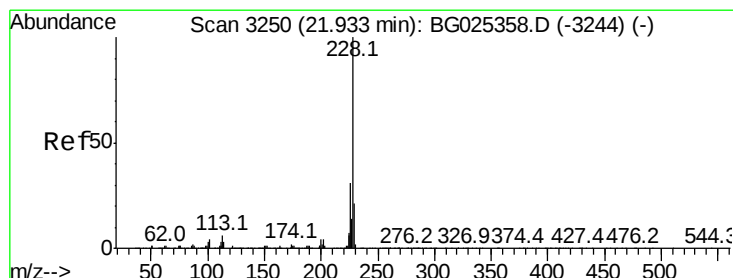
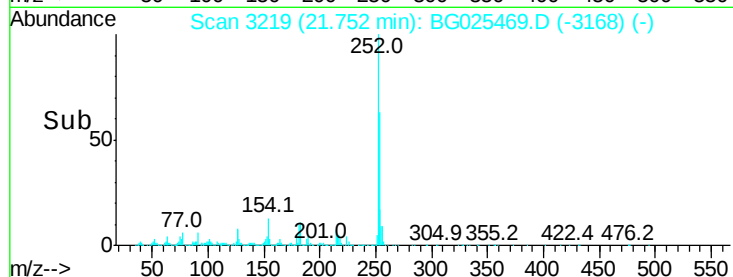
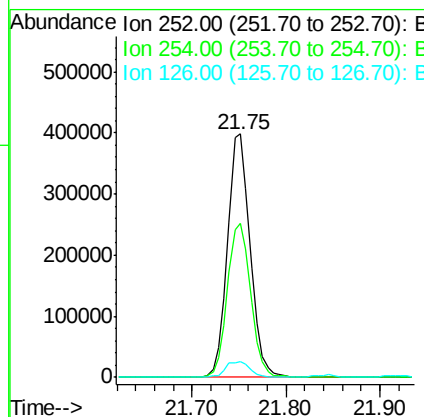
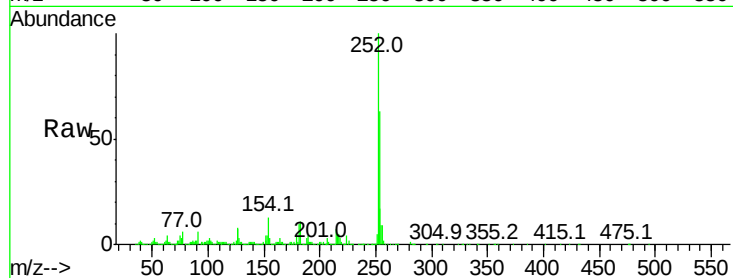
#81  
 3,3'-Dichlorobenzidine  
 Concen: 42.72 ng  
 RT: 21.75 min Scan# 3219  
 Delta R.T. -0.00 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.5  | 53.1  | 79.7  |
| 126     | 6.7   | 7.0   | 10.4  |

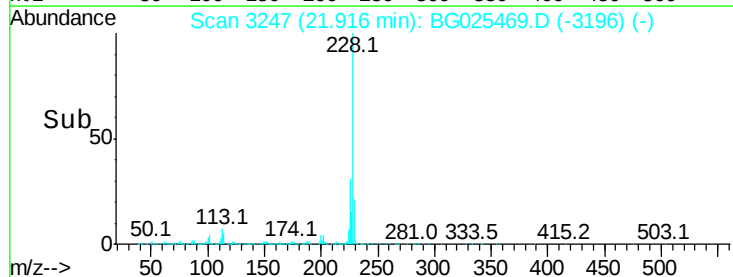
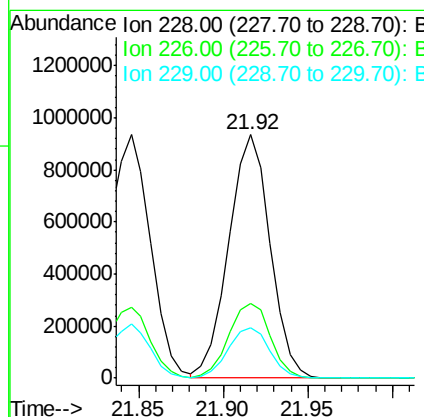
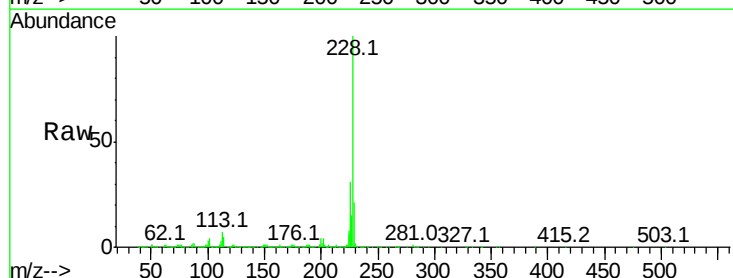
Manual Integrations  
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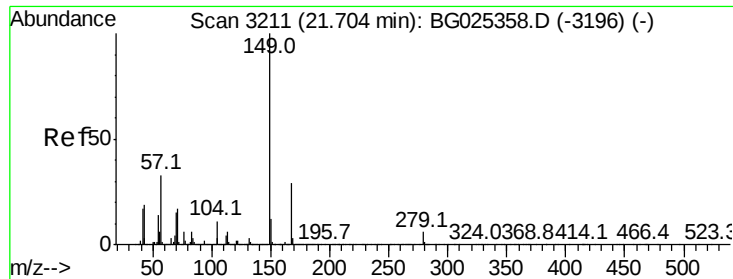
mohammad  
 1/11/2017 9:11:07 AM



#82  
 Chrysene  
 Concen: 41.17 ng  
 RT: 21.92 min Scan# 3247  
 Delta R.T. -0.00 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 27.0  | 40.4  |
| 229     | 20.8  | 17.8  | 26.6  |





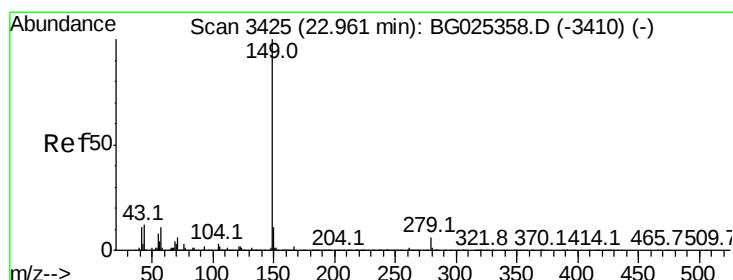
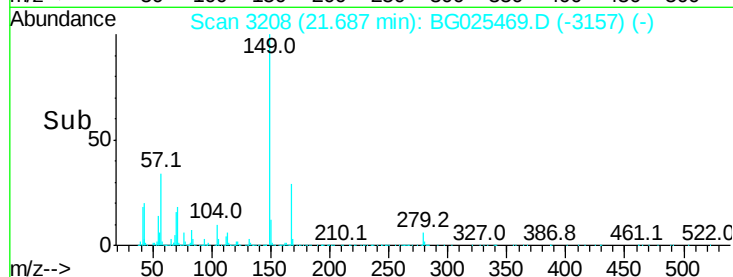
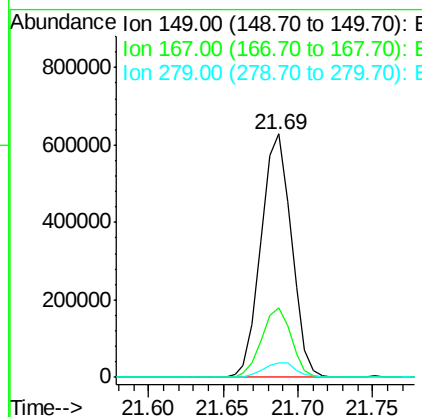
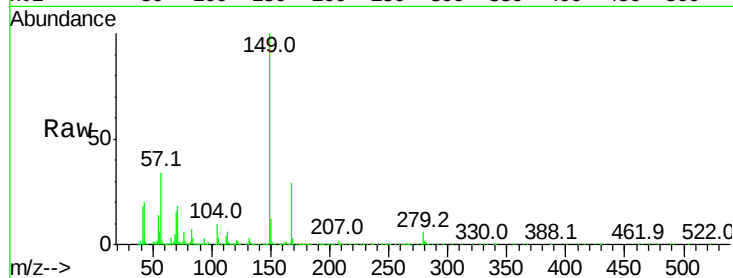
#83  
Bis(2-ethylhexyl)phthalate  
Concen: 41.91 ng  
RT: 21.69 min Scan# 3208  
Delta R.T. -0.00 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.7  | 23.7  | 35.5  |
| 279     | 6.1   | 4.6   | 6.8   |

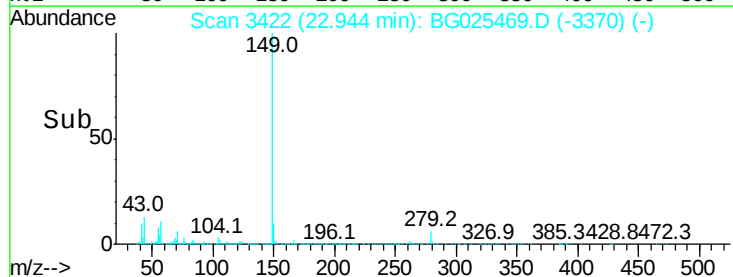
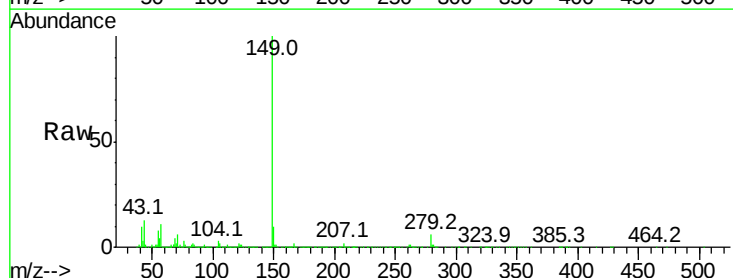
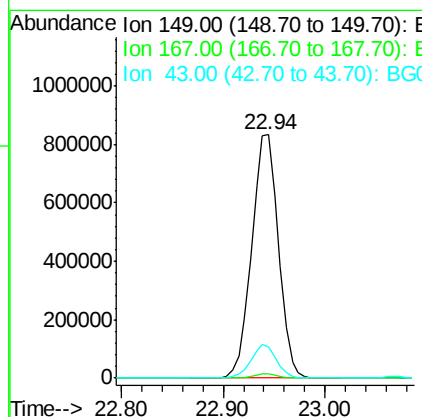
Manual Integrations  
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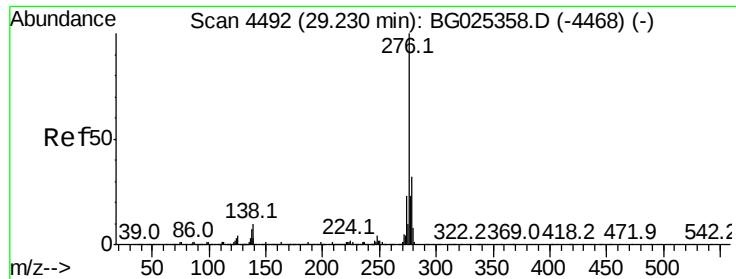
mohammad  
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#84  
Di-n-octyl phthalate  
Concen: 43.33 ng  
RT: 22.94 min Scan# 3422  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.4   | 2.2   |
| 43      | 12.9  | 11.8  | 17.6  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.54 ng

RT: 29.20 min Scan# 4487

Delta R.T. 0.01 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 2135871

Ion Ratio Lower Upper

276 100

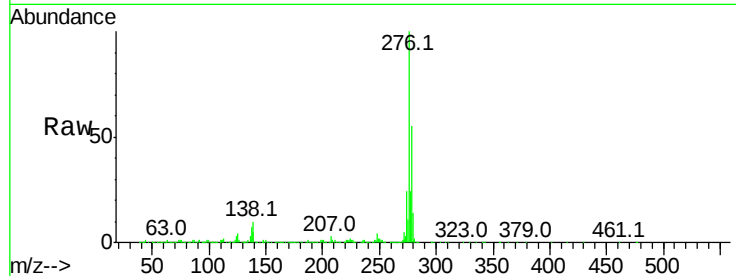
138 11.6 4.7 7.1#

277 25.9 20.6 31.0

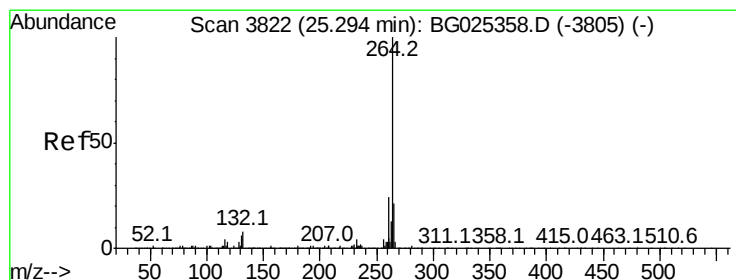
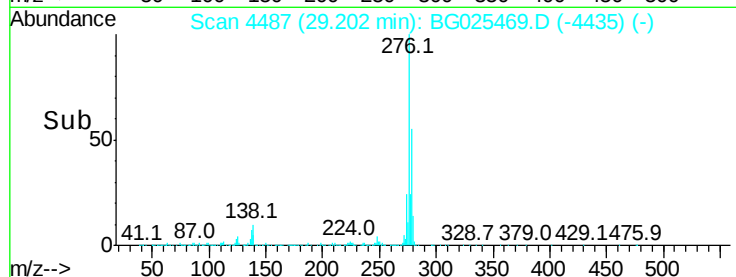
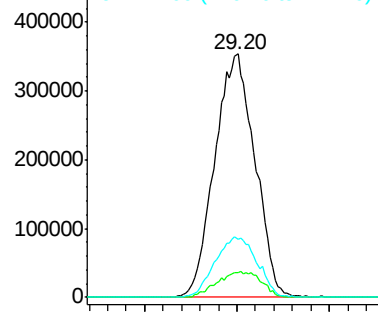
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Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.27 min Scan# 3817

Delta R.T. 0.00 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

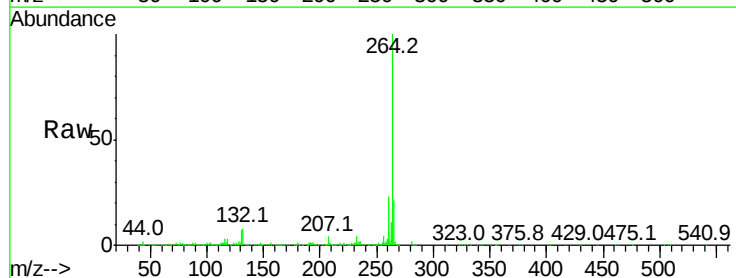
Tgt Ion:264 Resp: 794443

Ion Ratio Lower Upper

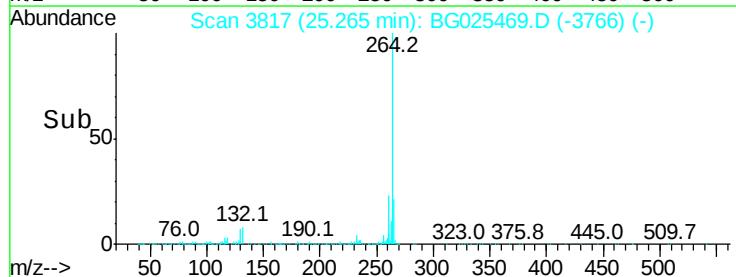
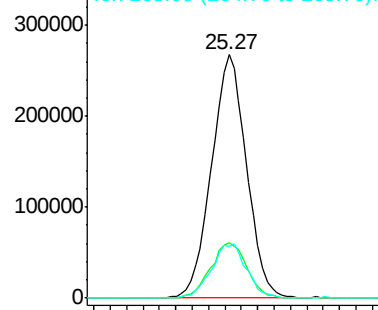
264 100

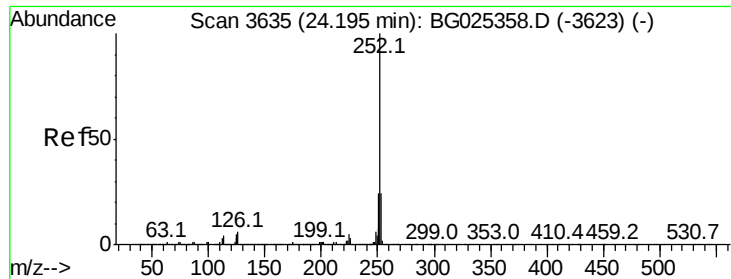
260 22.8 21.8 32.8

265 21.0 18.2 27.4



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





#87

Benzo(b)fluoranthene

Concen: 40.14 ng

RT: 24.18 min Scan# 3632

Delta R.T. 0.01 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1740121

Ion Ratio Lower Upper

252 100

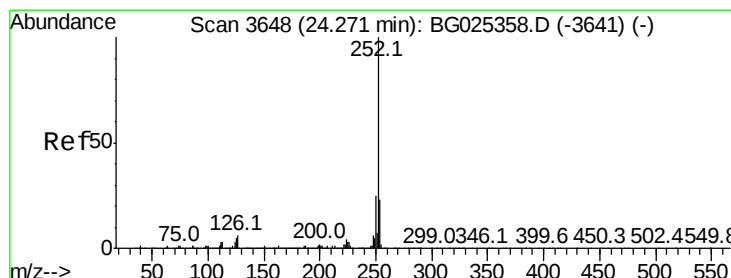
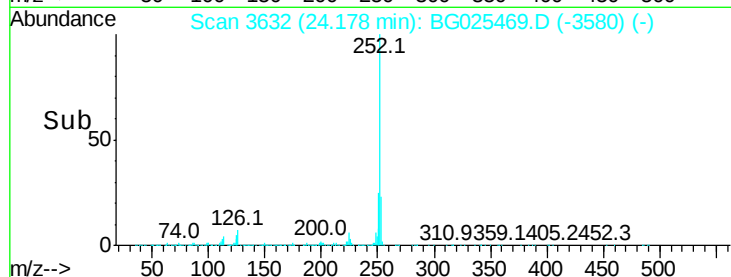
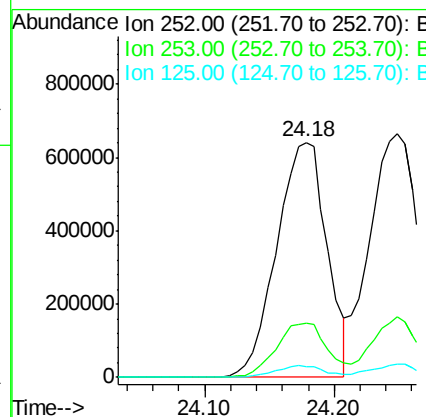
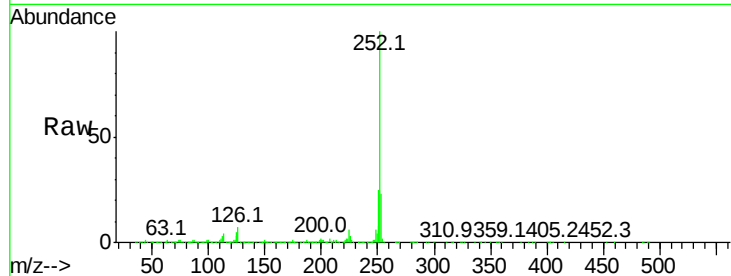
253 23.2 18.7 28.1

125 4.6 5.3 7.9#

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#88

Benzo(k)fluoranthene

Concen: 41.74 ng

RT: 24.25 min Scan# 3644

Delta R.T. 0.01 min

Lab File: BG025469.D

Acq: 11 Jan 2017 2:16

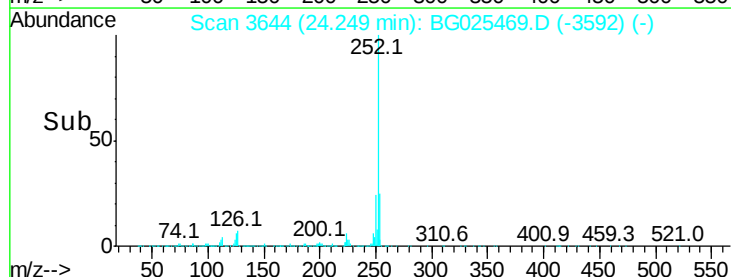
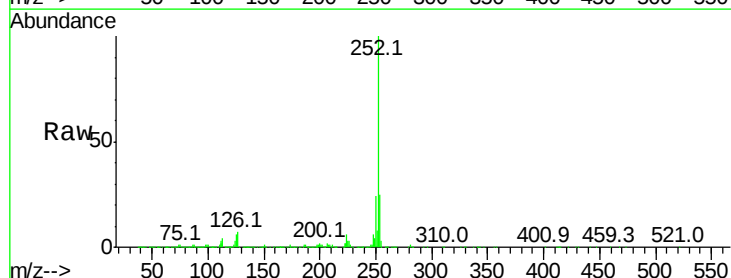
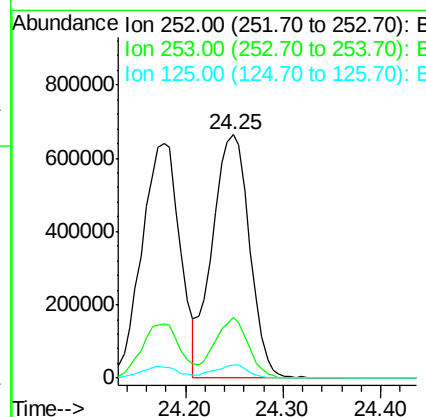
Tgt Ion:252 Resp: 1747381

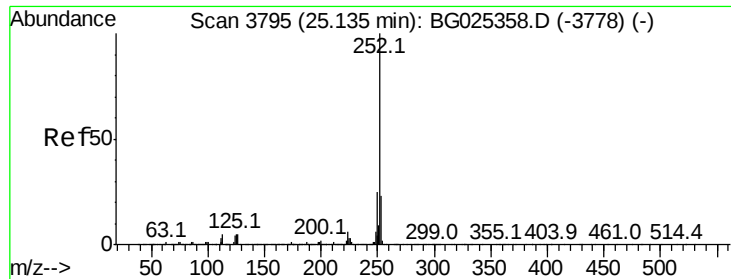
Ion Ratio Lower Upper

252 100

253 25.1 20.2 30.2

125 5.6 5.1 7.7





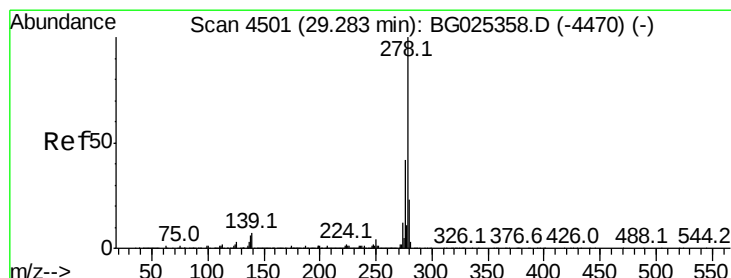
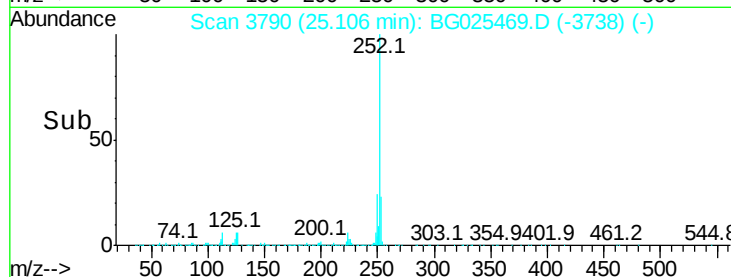
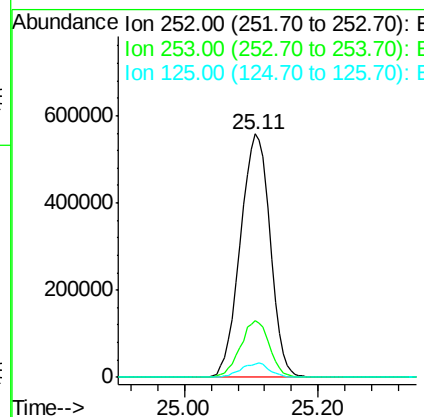
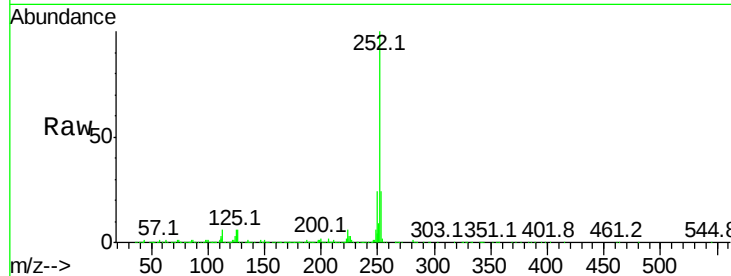
#89  
Benzo(a)pyrene  
Concen: 41.06 ng  
RT: 25.11 min Scan# 3790  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.6  | 19.2  | 28.8  |
| 125     | 5.5   | 5.4   | 8.0   |

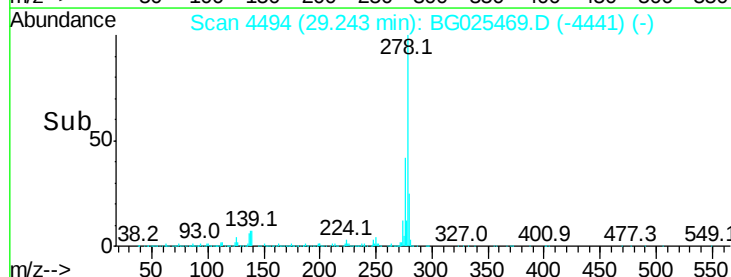
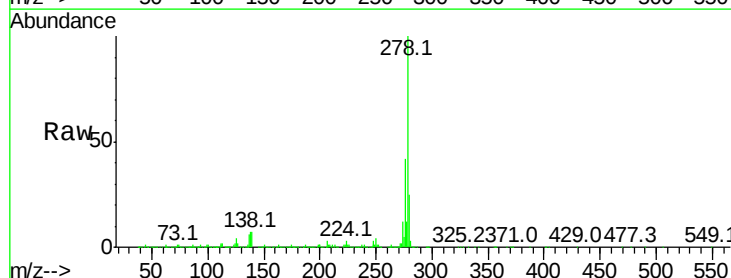
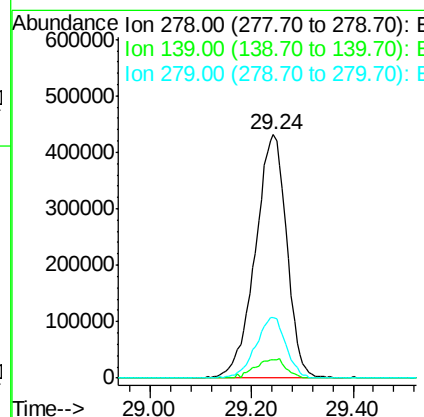
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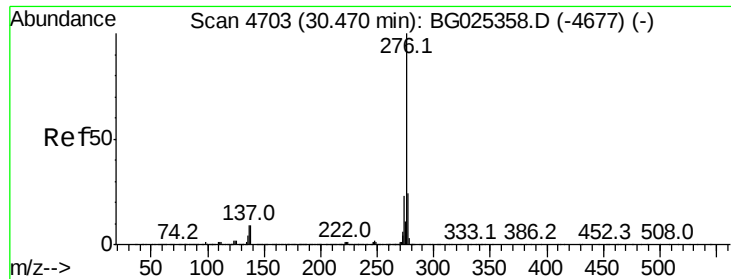
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.77 ng  
RT: 29.24 min Scan# 4494  
Delta R.T. 0.01 min  
Lab File: BG025469.D  
Acq: 11 Jan 2017 2:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 7.3   | 7.7   | 11.5# |
| 279     | 24.6  | 19.1  | 28.7  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 40.86 ng  
 RT: 30.43 min Scan# 4696  
 Delta R.T. 0.01 min  
 Lab File: BG025469.D  
 Acq: 11 Jan 2017 2:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 276   | Resp: | 1801815 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 277       | 24.2  | 18.6  | 27.8    |
| 138       | 10.9  | 8.1   | 12.1    |

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