

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG022817\  
 Data File : BG026009.D  
 Acq On : 28 Feb 2017 22:57  
 Operator : SJ/MA  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDC0040EC

Manual Integrations  
 APPROVED

mohammad  
 3/1/2017 3:07:18 PM

Quant Time: Mar 01 02:10:42 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG021717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 28 15:36:56 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 99178    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.88 | 136  | 501100   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.68 | 164  | 379095   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.41 | 188  | 805599   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.66 | 240  | 789273   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 24.85 | 264  | 794396   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 474663  | 83.32 | ng | -0.01 |
| 7) Phenol-d6             | 7.23  | 99  | 713777  | 84.67 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.23  | 82  | 679773  | 85.61 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.16 | 330 | 311479  | 88.93 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 13.31 | 172 | 1654967 | 76.28 | ng | -0.01 |
| 78) Terphenyl-d14        | 20.00 | 244 | 2510078 | 77.35 | ng | -0.02 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88  | 103471  | 39.74 | ng | # 85   |
| 3) Pyridine                    | 3.94  | 79  | 314186  | 40.50 | ng | # 76   |
| 4) n-Nitrosodimethylamine      | 3.84  | 42  | 110798  | 39.71 | ng | # 34   |
| 6) Aniline                     | 7.40  | 93  | 478176  | 40.80 | ng | # 90   |
| 8) 2-Chlorophenol              | 7.64  | 128 | 277878  | 41.04 | ng | # 88   |
| 9) Benzaldehyde                | 7.21  | 77  | 189960  | 38.03 | ng | # 76   |
| 10) Phenol                     | 7.26  | 94  | 383324  | 41.85 | ng | # 75   |
| 11) bis(2-Chloroethyl)ether    | 7.49  | 93  | 295635  | 39.26 | ng | # 90   |
| 12) 1,3-Dichlorobenzene        | 7.97  | 146 | 314456  | 40.18 | ng | # 89   |
| 13) 1,4-Dichlorobenzene        | 8.12  | 146 | 322279m | 40.65 | ng | # 91   |
| 14) 1,2-Dichlorobenzene        | 8.43  | 146 | 312383  | 40.13 | ng | # 79   |
| 15) Benzyl Alcohol             | 8.30  | 79  | 264604  | 42.86 | ng | # 92   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60  | 45  | 393381  | 36.00 | ng | # 84   |
| 17) 2-Methylphenol             | 8.51  | 107 | 274997  | 41.67 | ng | # 85   |
| 18) Hexachloroethane           | 9.16  | 117 | 109399  | 41.64 | ng | # 80   |
| 19) n-Nitroso-di-n-propylamine | 8.88  | 70  | 250809  | 40.74 | ng | # 88   |
| 20) 3+4-Methylphenols          | 8.84  | 107 | 396532  | 42.17 | ng | # 80   |
| 22) Acetophenone               | 8.89  | 105 | 485841  | 40.40 | ng | # 82   |
| 24) Nitrobenzene               | 9.27  | 77  | 360798  | 42.02 | ng | # 91   |
| 25) Isophorone                 | 9.80  | 82  | 720389  | 41.23 | ng | # 72   |
| 26) 2-Nitrophenol              | 9.98  | 139 | 181863  | 45.29 | ng | # 88   |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 310443  | 41.42 | ng | # 98   |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93  | 437838  | 39.54 | ng | # 97   |
| 29) 2,4-Dichlorophenol         | 10.52 | 162 | 312315  | 43.66 | ng | # 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.74 | 180 | 310339  | 39.90 | ng | # 100  |
| 31) Naphthalene                | 10.93 | 128 | 1035055 | 39.95 | ng | # 74   |
| 32) Benzoic acid               | 10.17 | 122 | 269286  | 47.06 | ng | # 86   |
| 33) 4-Chloroaniline            | 11.02 | 127 | 471038  | 41.86 | ng | # 96   |
| 34) Hexachlorobutadiene        | 11.22 | 225 | 175755  | 39.71 | ng | # 75   |
| 35) Caprolactam                | 11.79 | 113 | 140823  | 48.75 | ng | # 80   |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 383572  | 44.82 | ng | # 93   |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 815607  | 41.33 | ng | # 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 371888  | 39.14 | ng | # 99   |
| 40) Hexachlorocyclopentadiene  | 12.87 | 237 | 186615  | 35.89 | ng | # 99   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG022817\  
 Data File : BG026009.D  
 Acq On : 28 Feb 2017 22:57  
 Operator : SJ/MA  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

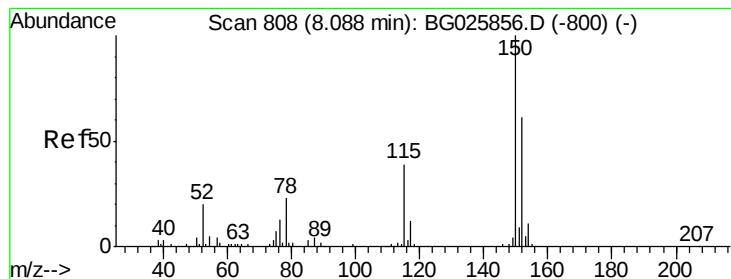
mohammad  
 3/1/2017 3:07:18 PM

Quant Time: Mar 01 02:10:42 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG021717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 28 15:36:56 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.12 | 196  | 264682   | 43.13 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.19 | 196  | 308047   | 44.22 | ng    | 93       |
| 45) 1,1'-Biphenyl              | 13.52 | 154  | 1081675  | 39.37 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.56 | 162  | 781718   | 39.36 | ng    | 99       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 291416   | 46.26 | ng    | # 73     |
| 48) Acenaphthylene             | 14.40 | 152  | 1440085  | 40.72 | ng    | 99       |
| 49) Dimethylphthalate          | 14.13 | 163  | 1042297  | 40.08 | ng    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.25 | 165  | 254665   | 43.59 | ng    | # 70     |
| 51) Acenaphthene               | 14.74 | 154  | 953657   | 40.84 | ng    | 100      |
| 52) 3-Nitroaniline             | 14.57 | 138  | 291827   | 44.66 | ng    | # 74     |
| 53) 2,4-Dinitrophenol          | 14.78 | 184  | 142471   | 46.60 | ng    | 92       |
| 54) Dibenzofuran               | 15.08 | 168  | 1256790  | 40.37 | ng    | 91       |
| 55) 4-Nitrophenol              | 14.87 | 139  | 237696   | 44.69 | ng    | # 48     |
| 56) 2,4-Dinitrotoluene         | 15.03 | 165  | 365009   | 46.44 | ng    | # 80     |
| 57) Fluorene                   | 15.72 | 166  | 1134543  | 40.78 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 270607   | 44.03 | ng    | 97       |
| 59) Diethylphthalate           | 15.48 | 149  | 1103091  | 41.01 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.71 | 204  | 518145   | 40.19 | ng    | 96       |
| 61) 4-Nitroaniline             | 15.73 | 138  | 300447   | 44.35 | ng    | # 57     |
| 62) Azobenzene                 | 16.00 | 77   | 967718   | 41.85 | ng    | 88       |
| 64) 4,6-Dinitro-2-methylphenol | 15.79 | 198  | 212735   | 45.12 | ng    | 91       |
| 65) n-Nitrosodiphenylamine     | 15.92 | 169  | 997715   | 40.84 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.60 | 248  | 348012   | 41.22 | ng    | 98       |
| 67) Hexachlorobenzene          | 16.72 | 284  | 356433   | 40.96 | ng    | 96       |
| 68) Atrazine                   | 16.86 | 200  | 358263   | 41.43 | ng    | 97       |
| 69) Pentachlorophenol          | 17.06 | 266  | 233703   | 43.54 | ng    | 98       |
| 70) Phenanthrene               | 17.45 | 178  | 1766462  | 40.39 | ng    | 97       |
| 71) Anthracene                 | 17.55 | 178  | 1822393  | 40.88 | ng    | 98       |
| 72) Carbazole                  | 17.80 | 167  | 1799447  | 40.18 | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.36 | 149  | 1880719  | 42.78 | ng    | # 94     |
| 74) Fluoranthene               | 19.45 | 202  | 1923325  | 39.94 | ng    | 95       |
| 76) Benzidine                  | 19.62 | 184  | 828384   | 33.25 | ng    | 98       |
| 77) Pyrene                     | 19.81 | 202  | 1963603  | 39.34 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.69 | 149  | 842963   | 44.50 | ng    | 87       |
| 80) Benzo(a)anthracene         | 21.64 | 228  | 1867479  | 40.52 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.55 | 252  | 692038   | 42.13 | ng    | # 97     |
| 82) Chrysene                   | 21.71 | 228  | 1795796  | 40.53 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 1191807  | 43.57 | ng    | # 98     |
| 84) Di-n-octyl phthalate       | 22.75 | 149  | 2053678  | 45.46 | ng    | # 86     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.51 | 276  | 2208033  | 42.30 | ng    | # 87     |
| 87) Benzo(b)fluoranthene       | 23.84 | 252  | 1953372  | 41.06 | ng    | # 97     |
| 88) Benzo(k)fluoranthene       | 23.91 | 252  | 1869512  | 40.27 | ng    | # 94     |
| 89) Benzo(a)pyrene             | 24.71 | 252  | 1846758  | 40.99 | ng    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 28.57 | 278  | 1844326  | 40.75 | ng    | # 93     |
| 91) Benzo(g,h,i)perylene       | 29.65 | 276  | 1866302  | 41.13 | ng    | # 88     |

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





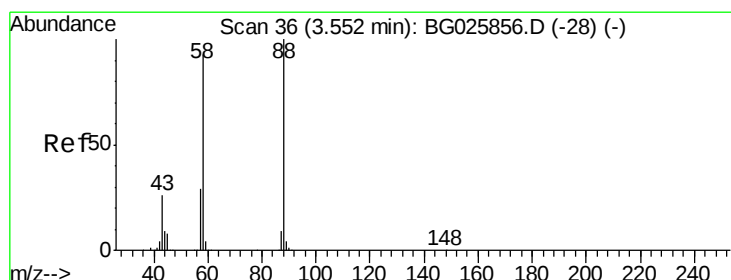
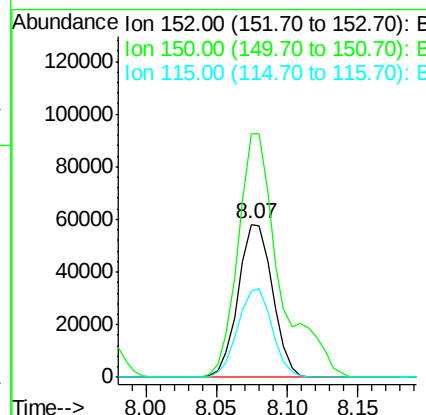
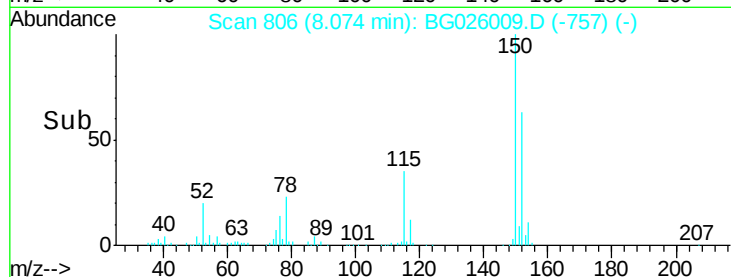
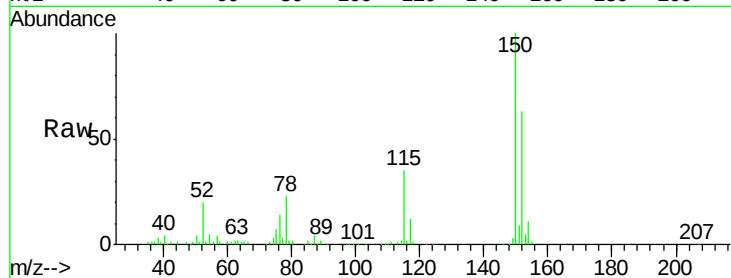
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 Concen: 20.00 ng  
 RT: 8.07 min Scan# 806  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.4 | 114.0 | 171.0 |
| 115     | 56.3  | 48.1  | 72.1  |

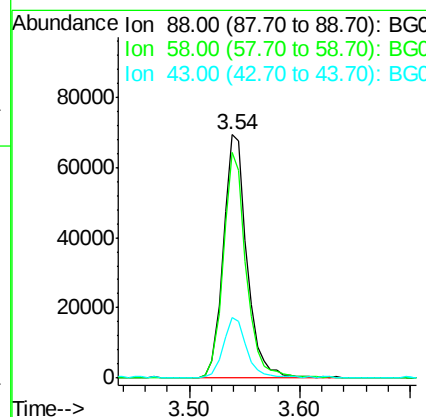
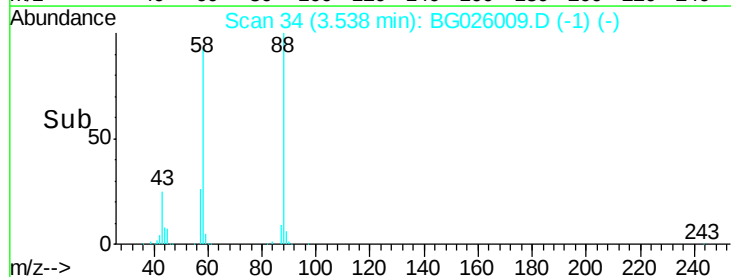
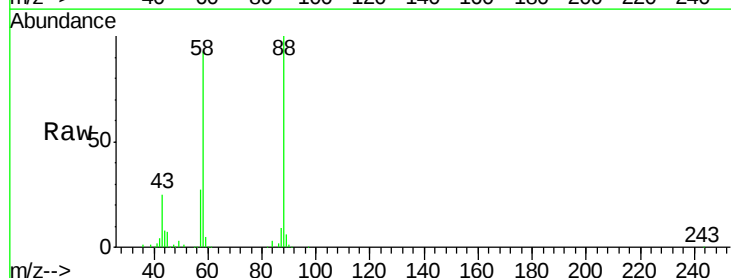
Manual Integrations  
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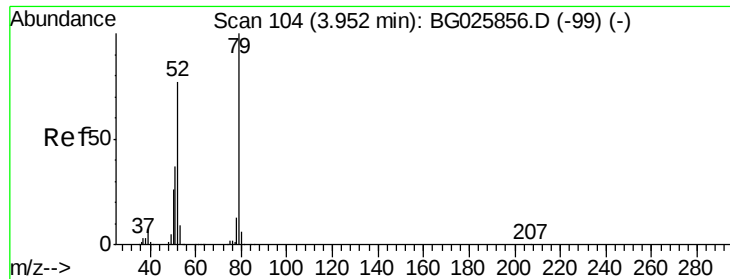
mohammad  
 3/1/2017 3:07:18 PM



#2  
 1,4-Dioxane  
 Concen: 39.74 ng  
 RT: 3.54 min Scan# 34  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 89.1  | 79.4  | 119.2 |
| 43      | 25.0  | 33.8  | 50.6# |





#3

Pyridine

Concen: 40.50 ng

RT: 3.94 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

Instrument :

BNA\_G

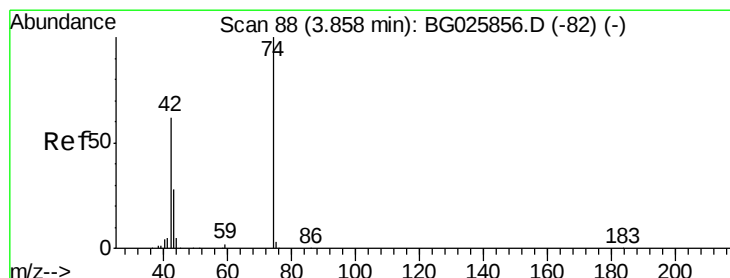
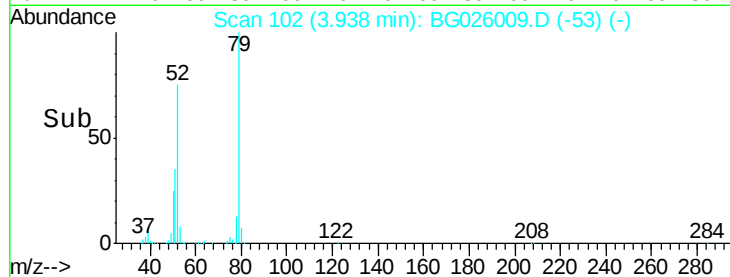
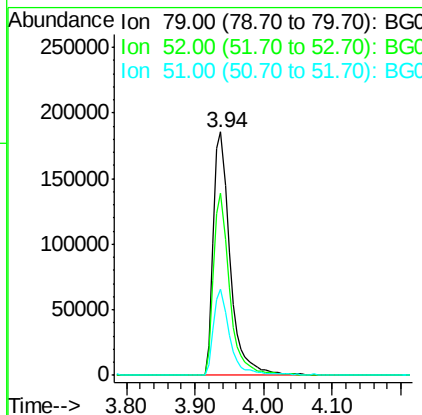
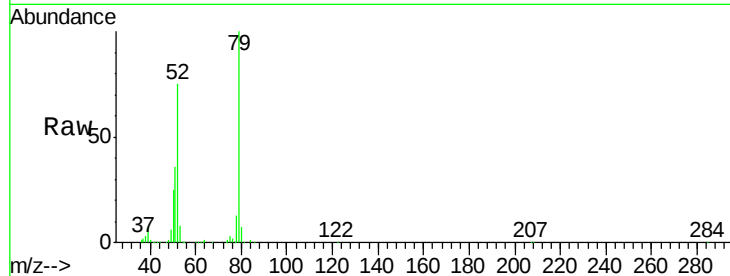
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 314186 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 74.9  | 77.8  | 116.6# |
| 51        | 35.5  | 43.2  | 64.8#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 39.71 ng

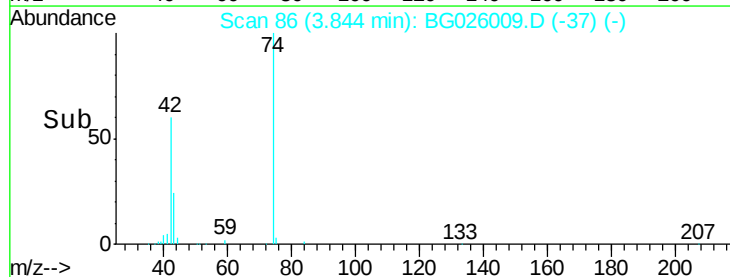
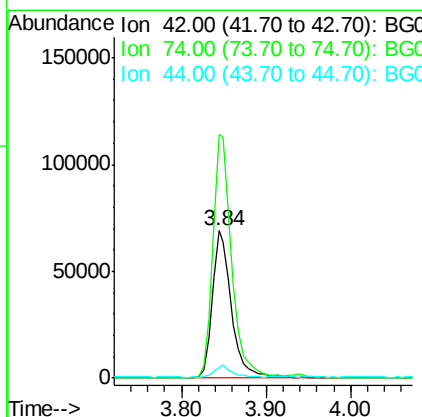
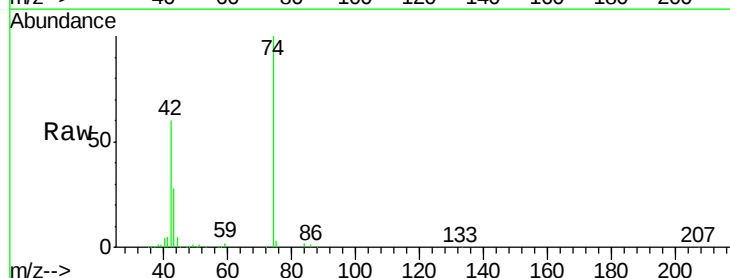
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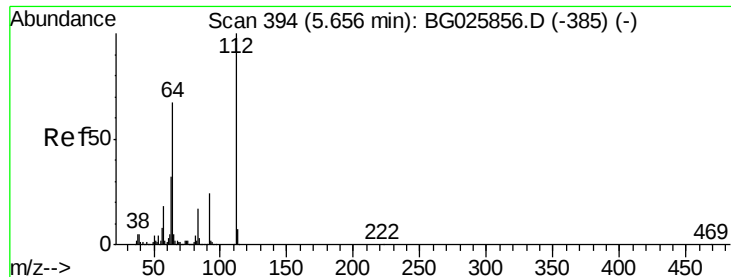
Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 110798 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 165.5 | 76.7  | 115.1# |
| 44        | 7.6   | 6.1   | 9.1    |





#5

2-Fluorophenol

Concen: 83.32 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

Instrument :

BNA\_G

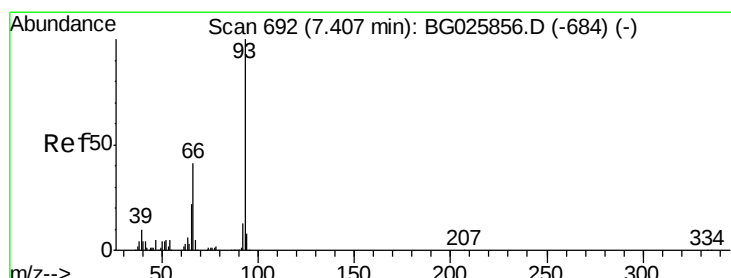
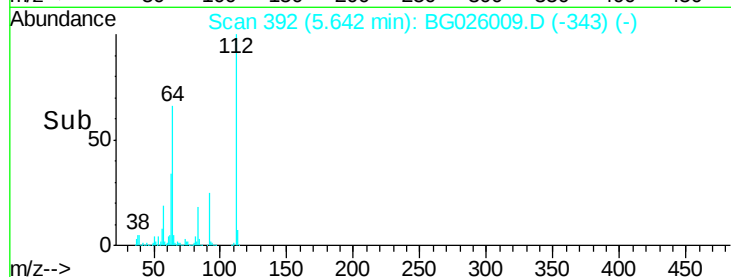
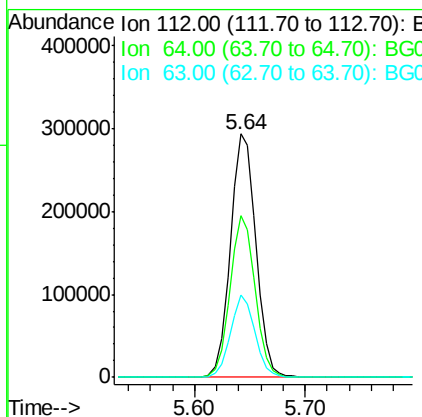
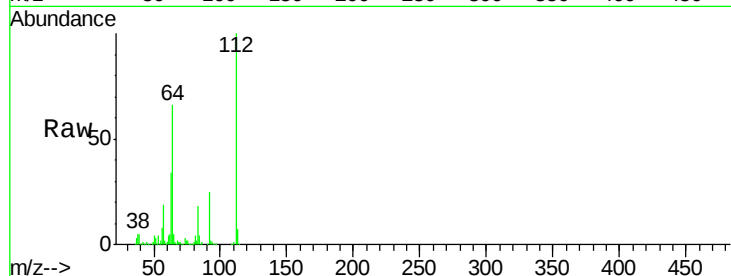
ClientSampleId :

SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 474663 |       |       |
| 64      | 66.3  | 61.8   | 92.6  |       |
| 63      | 33.7  | 37.2   | 55.8  |       |

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#6

Aniline

Concen: 40.80 ng

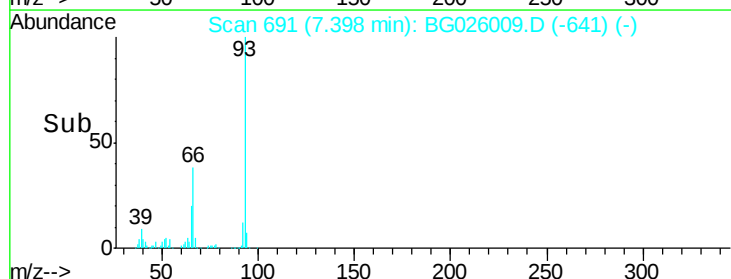
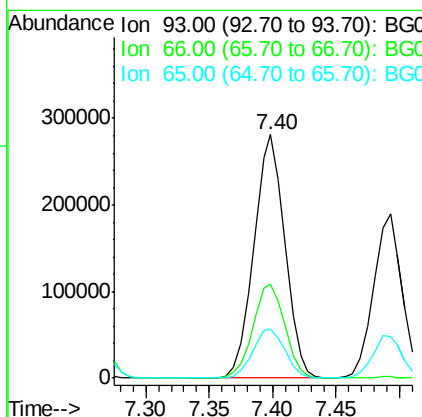
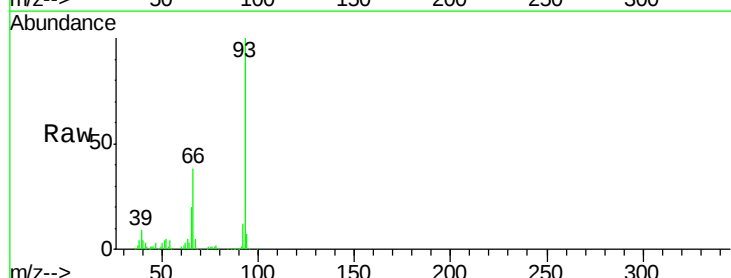
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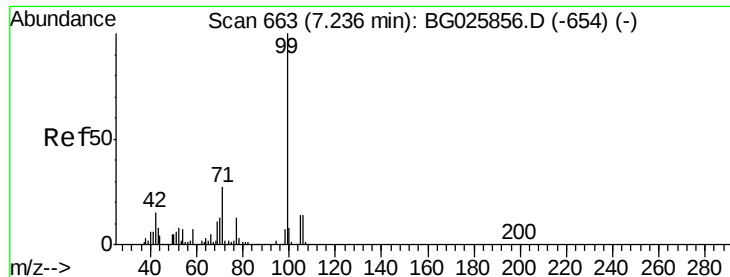
Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 478176 |       |       |
| 66      | 38.5  | 35.4   | 53.2  |       |
| 65      | 20.2  | 21.2   | 31.8  |       |





#7

Phenol-d6

Concen: 84.67 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 713777

Ion Ratio Lower Upper

99 100

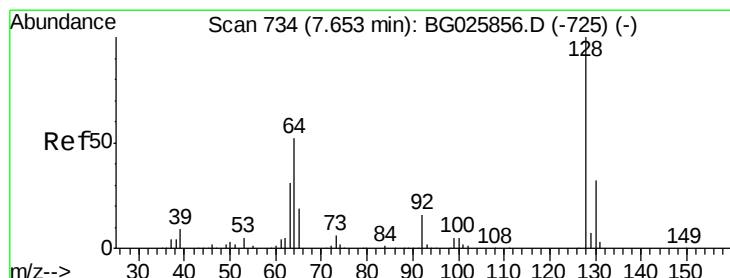
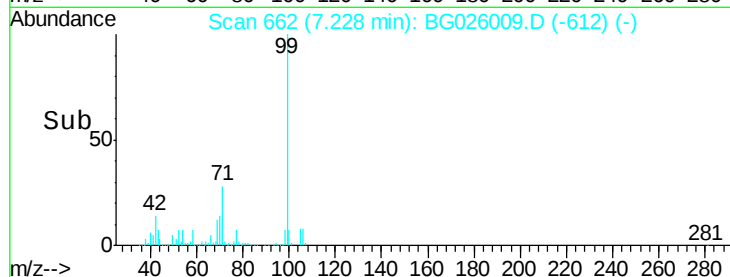
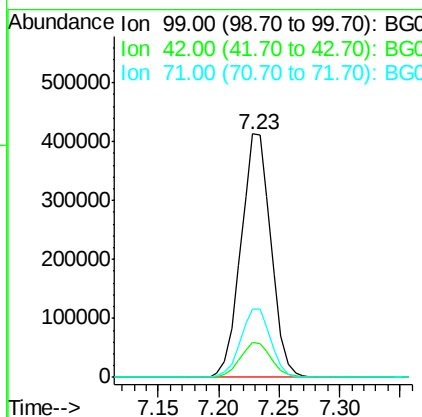
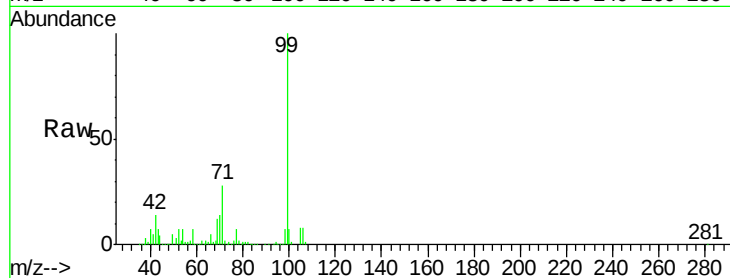
42 14.3 20.5 30.7#

71 27.9 37.6 56.4#

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.04 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

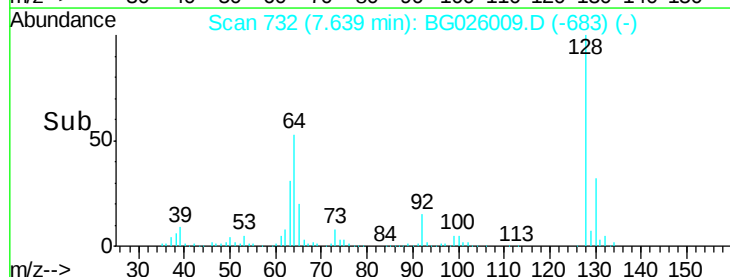
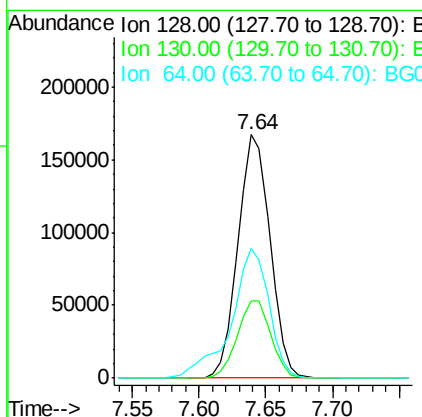
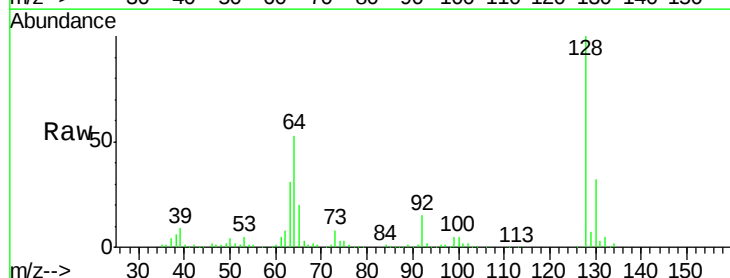
Tgt Ion: 128 Resp: 277878

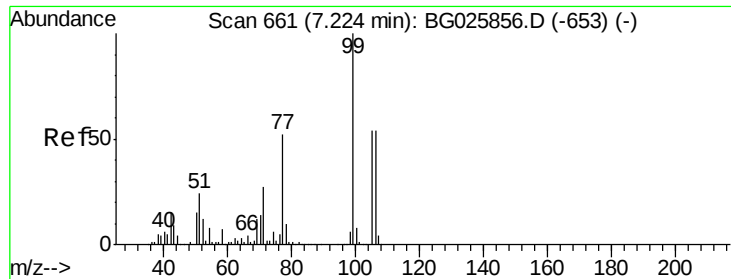
Ion Ratio Lower Upper

128 100

130 31.9 11.4 51.4

64 53.2 46.6 86.6





#9

Benzaldehyde

Concen: 38.03 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

Instrument :

BNA\_G

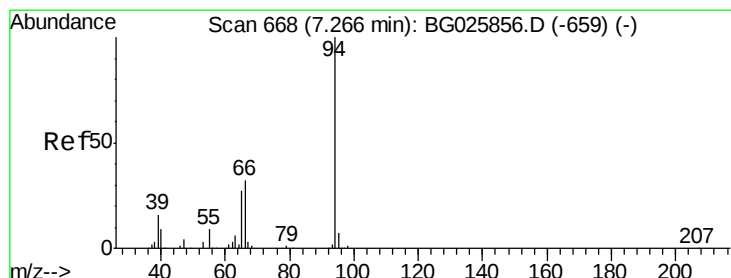
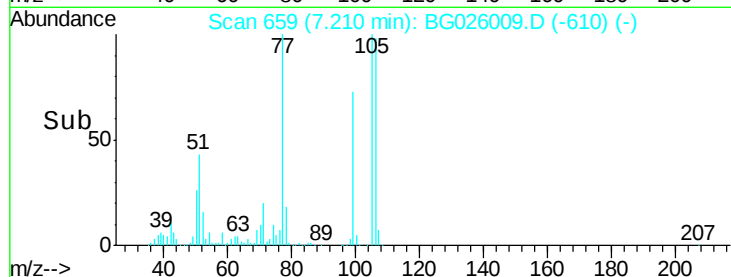
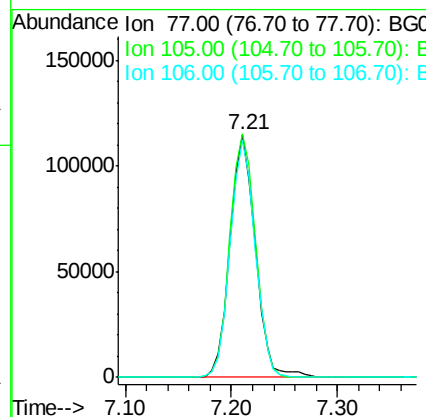
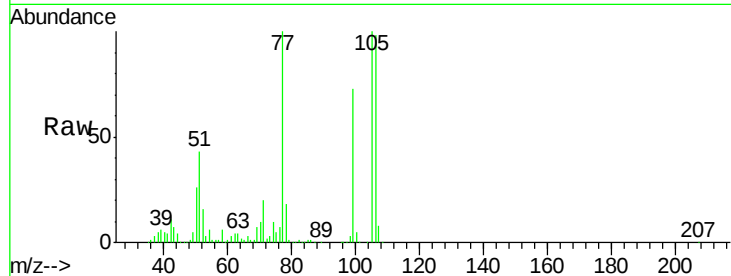
ClientSampleId :

SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 100.2 | 60.9  | 100.9 |
| 106     | 97.8  | 55.1  | 95.1  |

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#10

Phenol

Concen: 41.85 ng

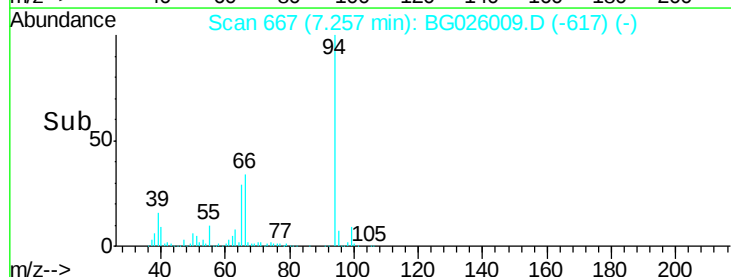
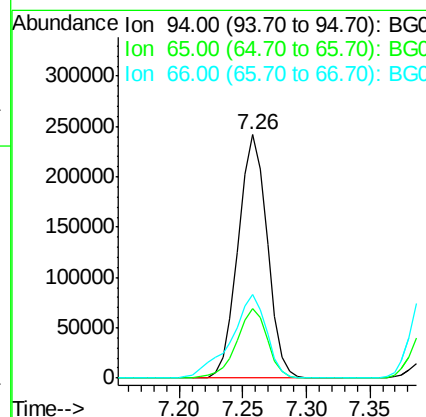
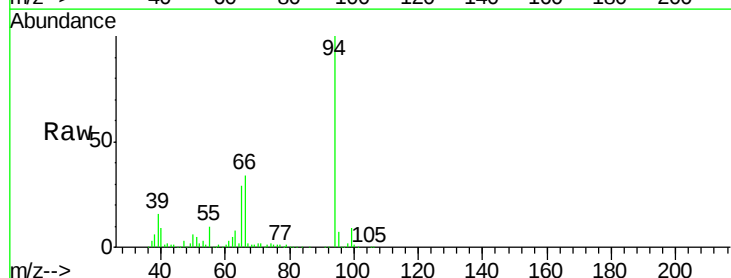
RT: 7.26 min Scan# 667

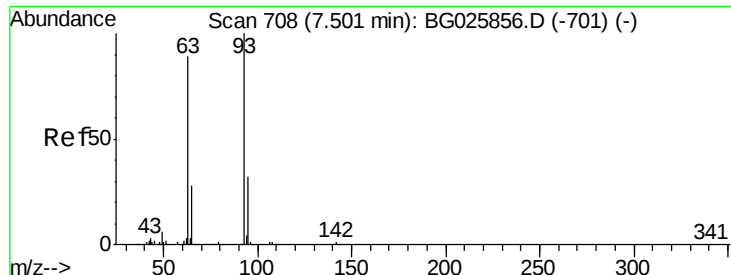
Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 28.7  | 20.6  | 60.6  |
| 66      | 34.2  | 35.5  | 75.5  |





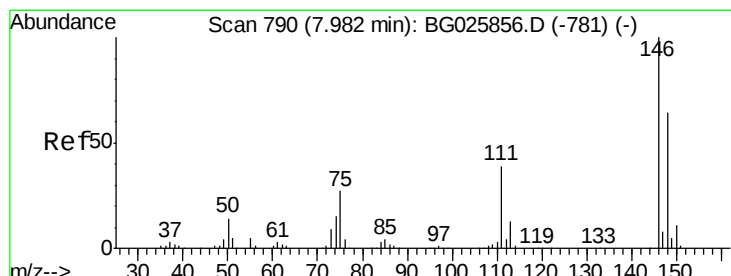
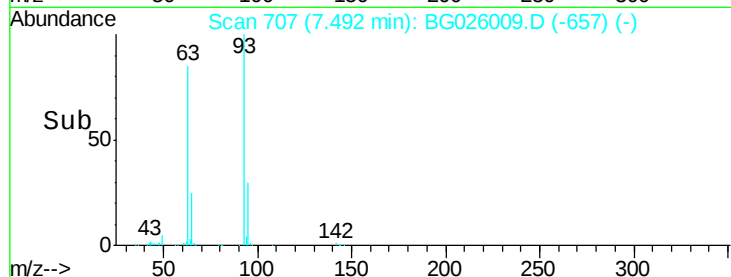
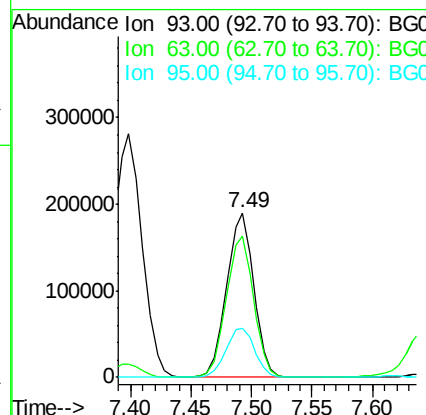
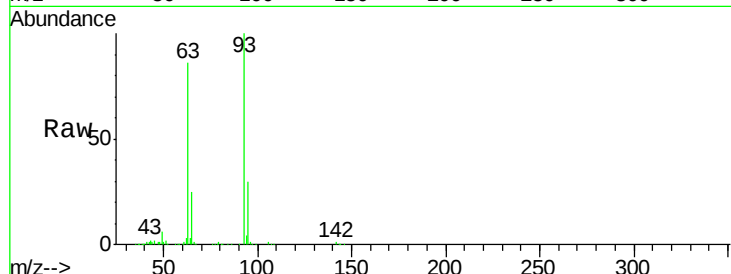
#11  
bis(2-Chloroethyl)ether  
Concen: 39.26 ng  
RT: 7.49 min Scan# 707  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 295635 |       |       |
| 63      | 85.7  |        | 78.5  | 118.5 |
| 95      | 30.1  |        | 9.8   | 49.8  |

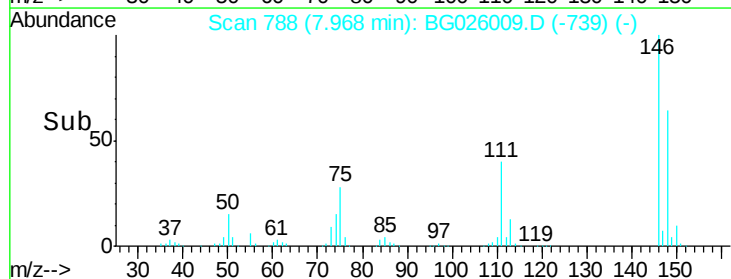
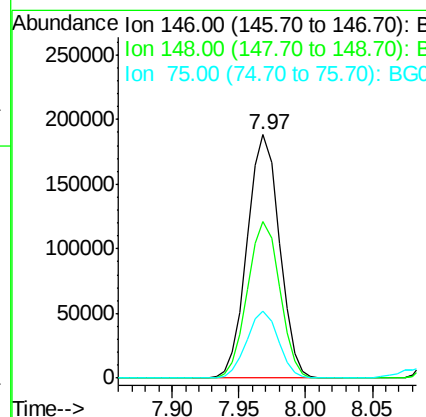
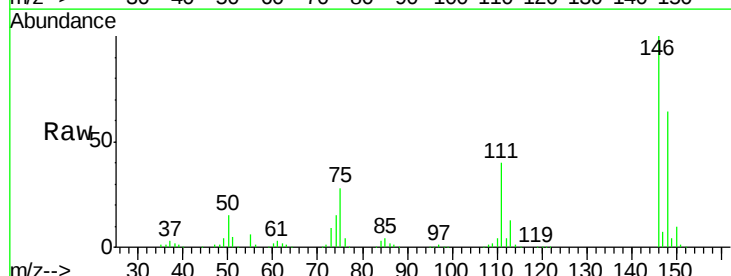
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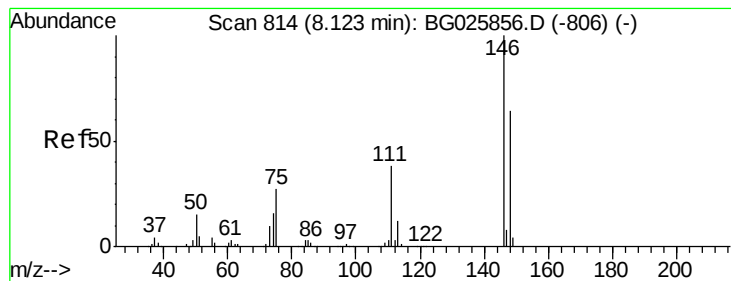
mohammad  
3/1/2017 3:07:18 PM



#12  
1,3-Dichlorobenzene  
Concen: 40.18 ng  
RT: 7.97 min Scan# 788  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 314456 |       |       |
| 148     | 64.2  |        | 49.2  | 73.8  |
| 75      | 27.8  |        | 33.4  | 50.2# |





#13

1,4-Dichlorobenzene

Concen: 40.65 ng m

RT: 8.12 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

Instrument :

BNA\_G

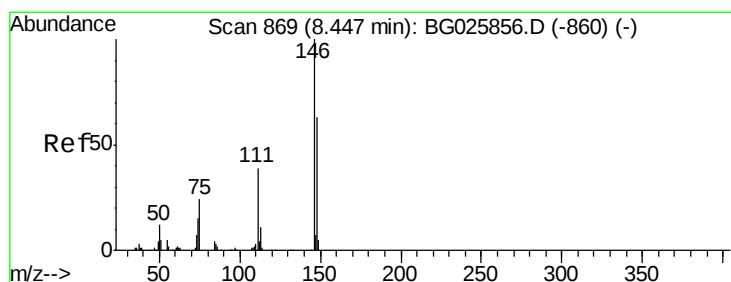
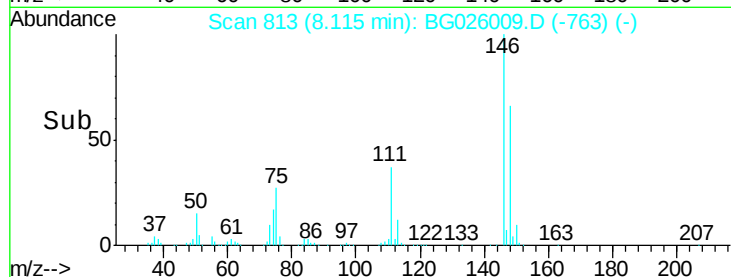
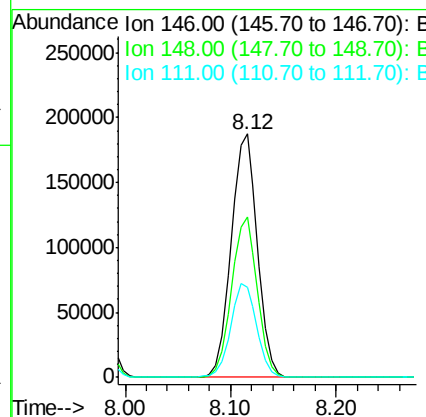
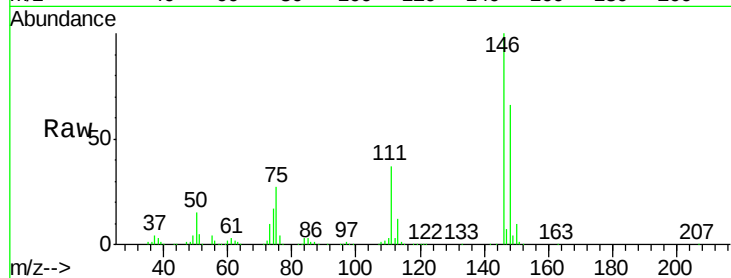
ClientSampleId :

SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.8  | 52.2  | 78.2  |
| 111     | 36.7  | 37.0  | 55.6  |

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#14

1,2-Dichlorobenzene

Concen: 40.13 ng

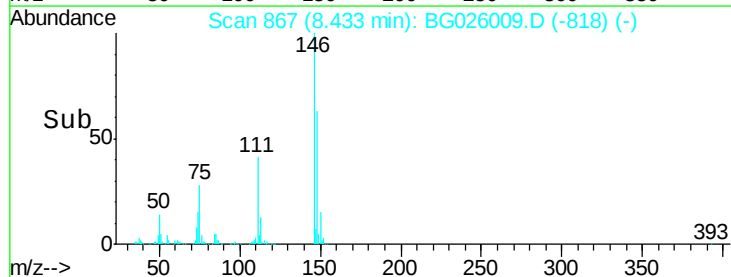
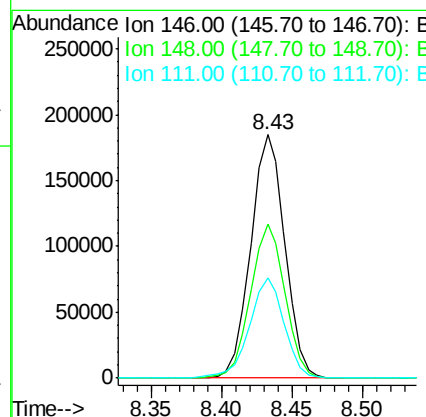
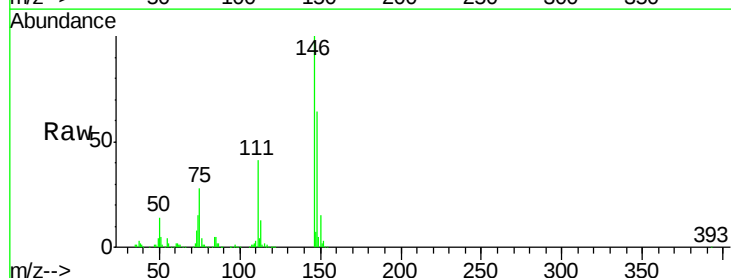
RT: 8.43 min Scan# 867

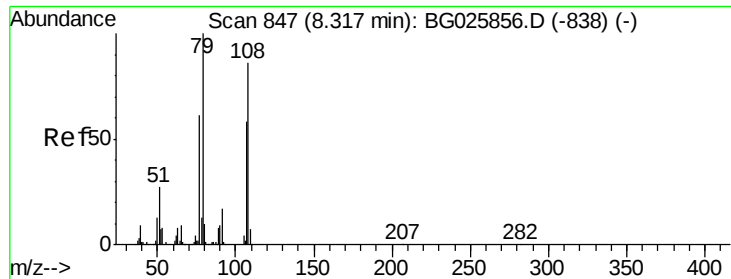
Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 54.6  | 81.8  |
| 111     | 41.1  | 39.7  | 59.5  |





#15

Benzyl Alcohol

Concen: 42.86 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

Instrument :

BNA\_G

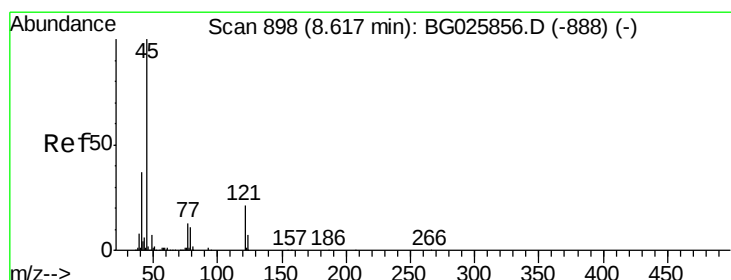
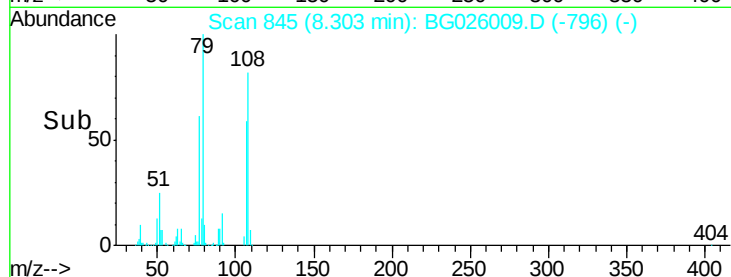
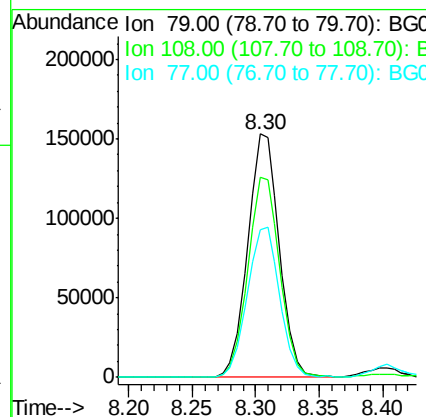
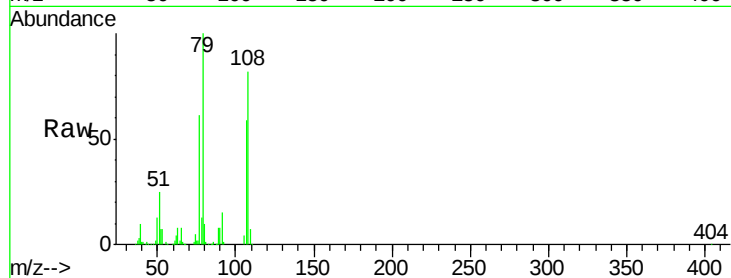
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 264604 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 82.3  | 45.5  | 68.3#  |
| 77        | 60.7  | 54.3  | 81.5   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.00 ng

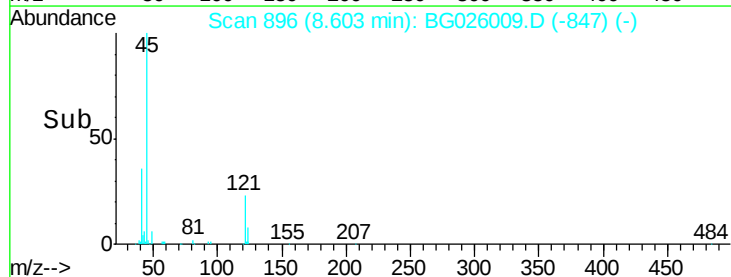
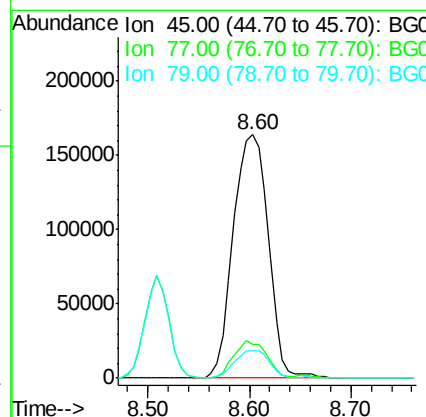
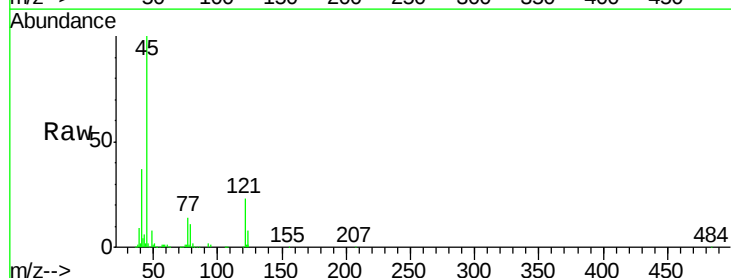
RT: 8.60 min Scan# 896

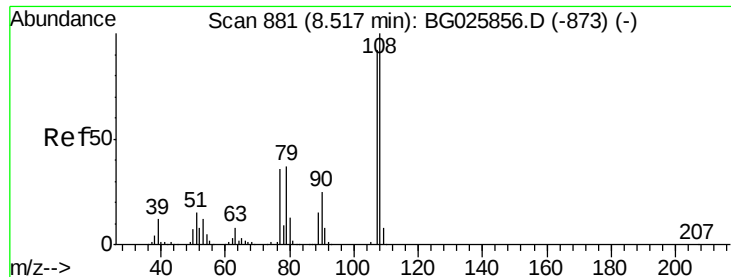
Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 393381 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.0  | 0.0   | 30.6   |
| 79        | 11.3  | 0.0   | 28.5   |





#17

2-Methylphenol

Concen: 41.67 ng

RT: 8.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 274997  
Ion Ratio Lower Upper

107 100

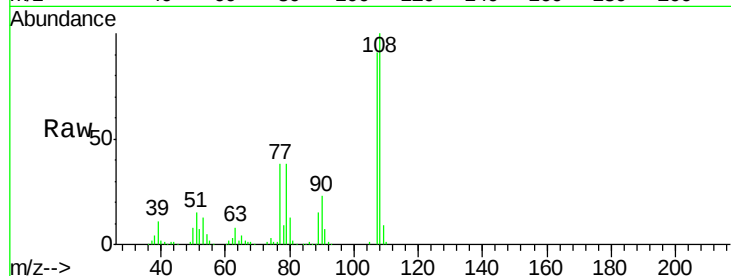
108 110.2 85.6 128.4

77 42.3 51.4 77.2#

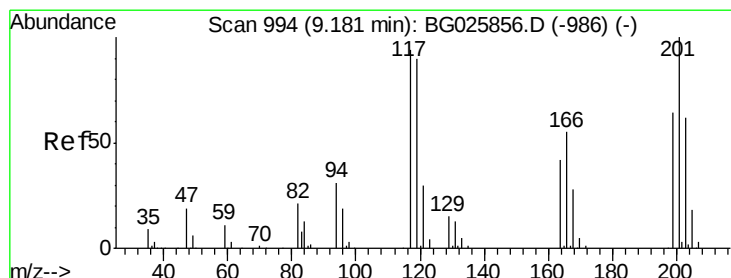
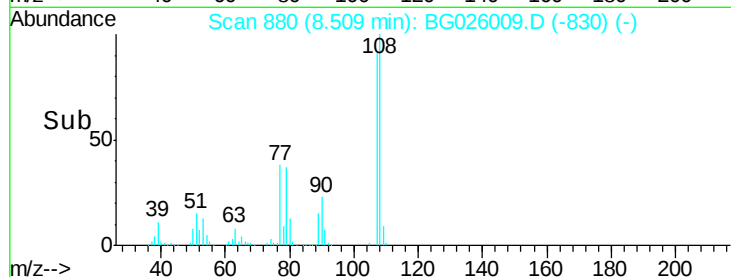
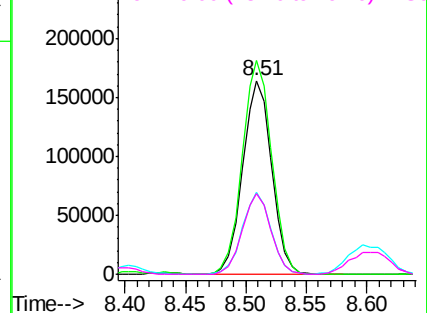
79 41.3 49.2 73.8#

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



#18

Hexachloroethane

Concen: 41.64 ng

RT: 9.16 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG026009.D

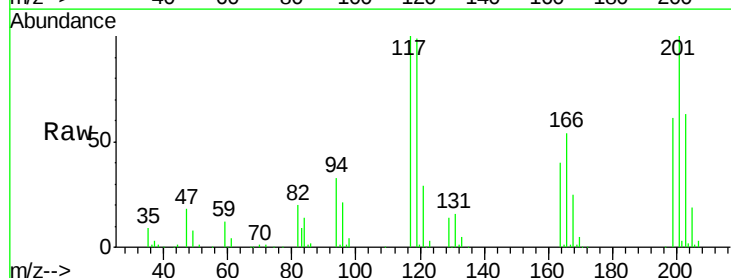
Acq: 28 Feb 2017 22:57

Tgt Ion:117 Resp: 109399  
Ion Ratio Lower Upper

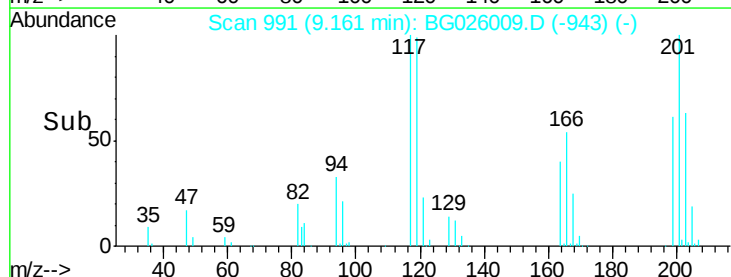
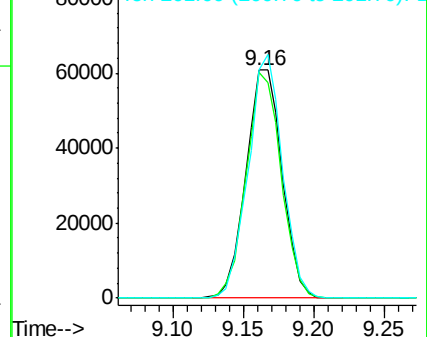
117 100

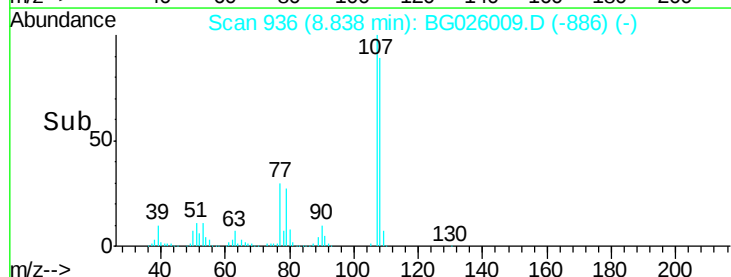
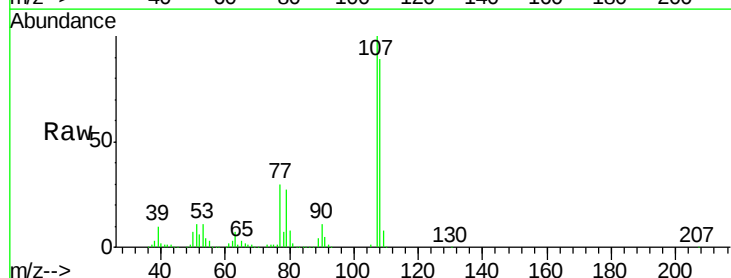
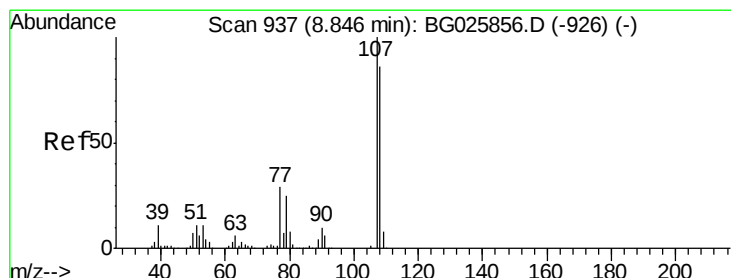
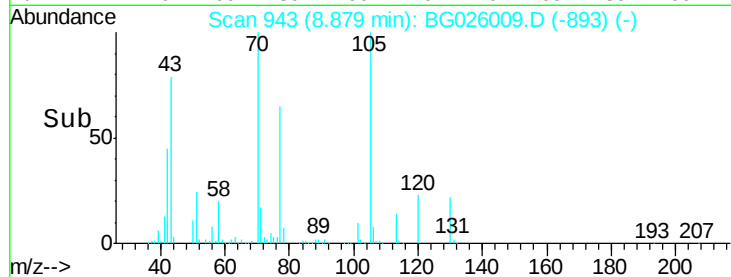
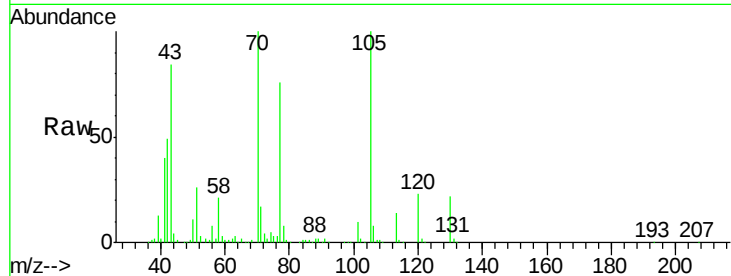
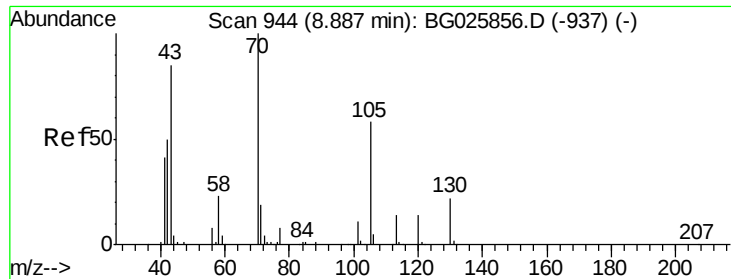
119 99.0 69.8 104.6

201 100.3 95.4 143.0



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





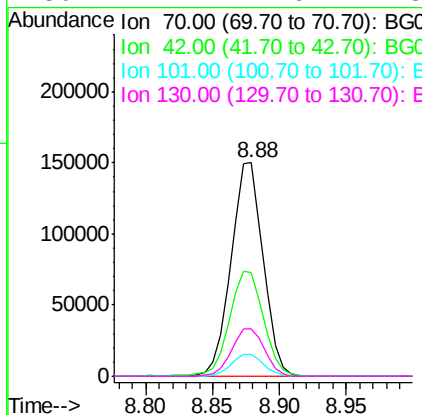
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.74 ng  
RT: 8.88 min Scan# 943  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 48.9  | 56.1  | 84.1# |
| 101     | 10.4  | 7.5   | 11.3  |
| 130     | 22.1  | 14.6  | 21.8# |

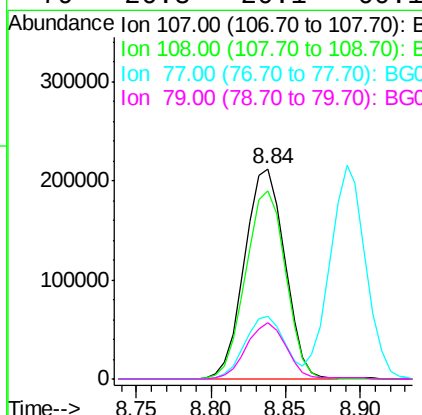
Manual Integrations  
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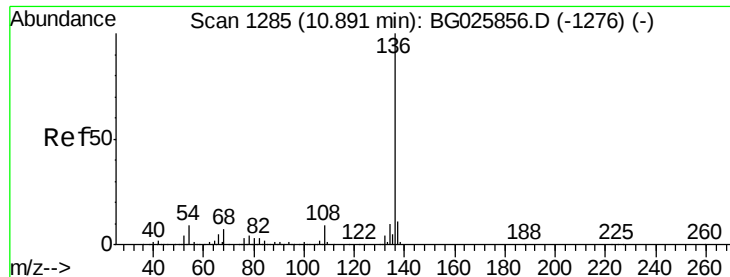
mohammad  
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#20  
3+4-Methylphenols  
Concen: 42.17 ng  
RT: 8.84 min Scan# 936  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.2  | 70.8  | 110.8 |
| 77      | 29.8  | 25.8  | 65.8  |
| 79      | 26.8  | 20.1  | 60.1  |





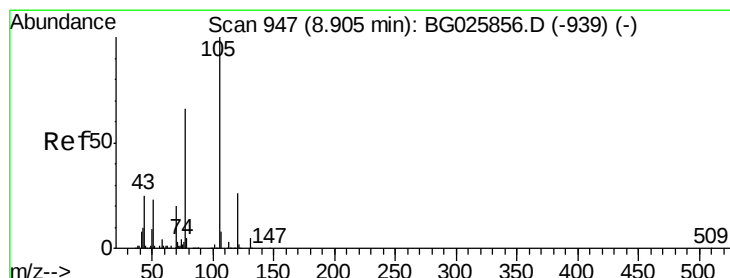
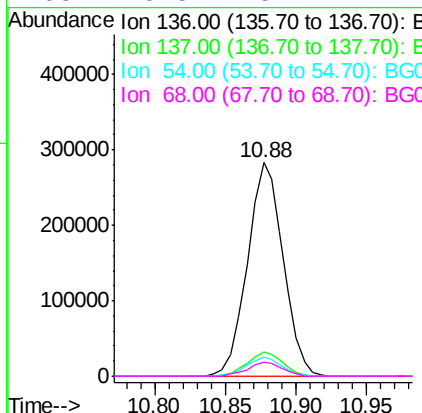
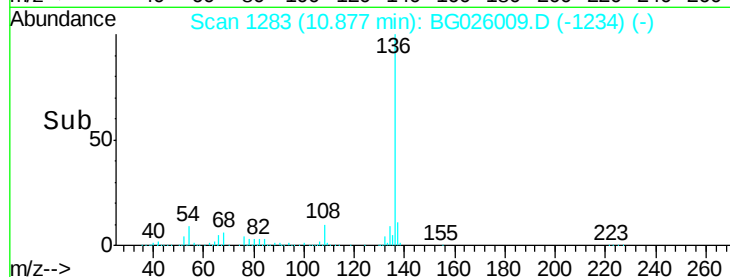
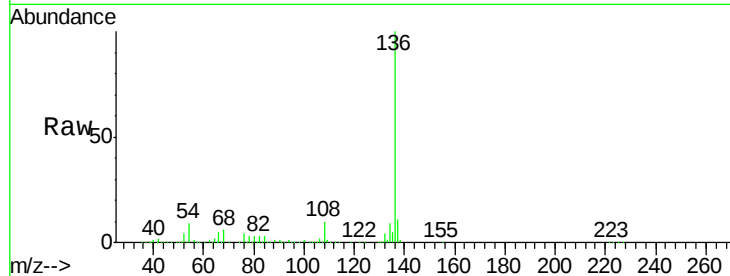
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.88 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 501100 |       |       |
| 137     | 11.3  | 8.9    | 13.3  |       |
| 54      | 8.9   | 9.3    | 13.9  |       |
| 68      | 6.5   | 5.1    | 7.7   |       |

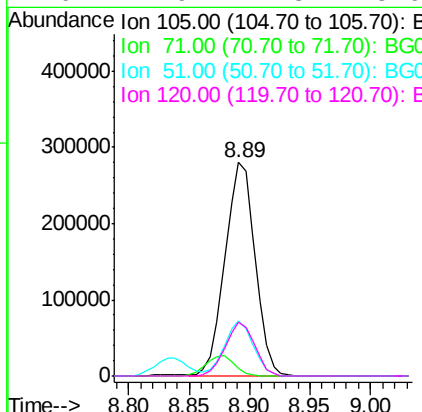
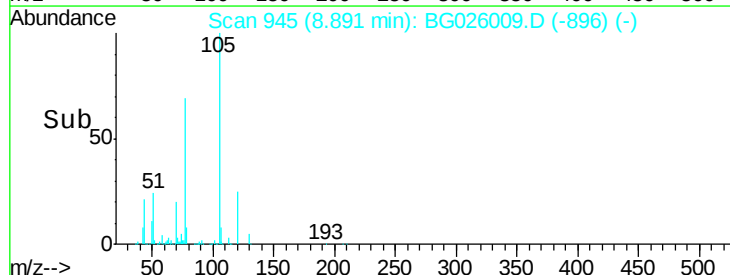
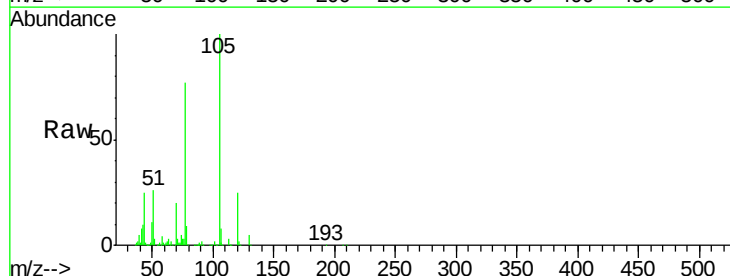
Manual Integrations  
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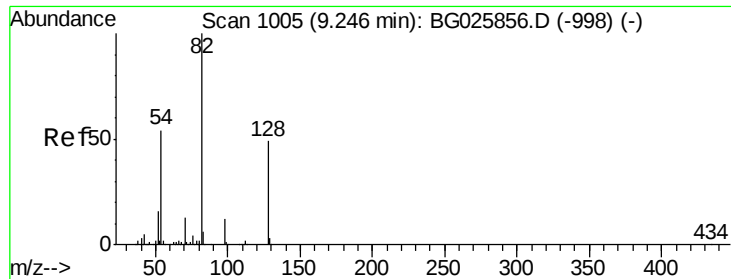
mohammad  
3/1/2017 3:07:18 PM



#22  
Acetophenone  
Concen: 40.40 ng  
RT: 8.89 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 485841 |       |       |
| 71      | 3.3   | 0.9    | 1.3   |       |
| 51      | 25.7  | 34.0   | 51.0  |       |
| 120     | 24.9  | 17.3   | 25.9  |       |





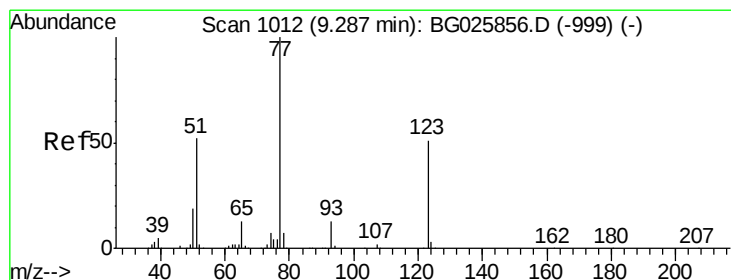
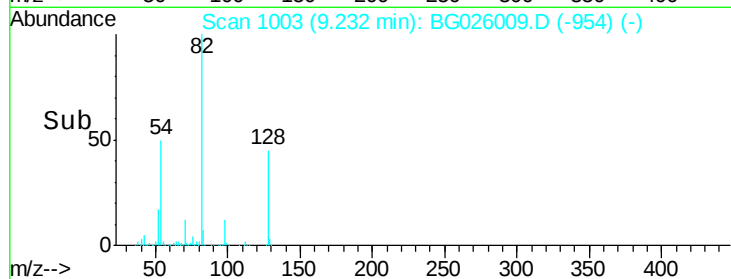
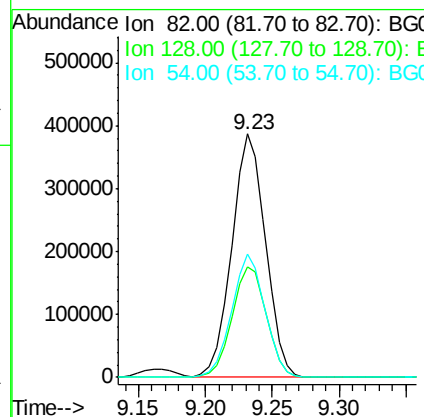
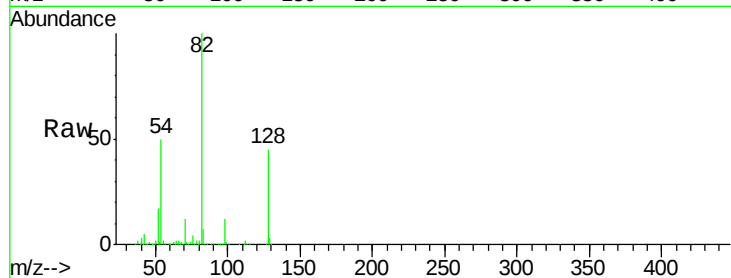
#23  
 Nitrobenzene-d5  
 Concen: 85.61 ng  
 RT: 9.23 min Scan# 1003  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.3  | 26.4  | 39.6# |
| 54      | 50.4  | 49.4  | 74.2  |

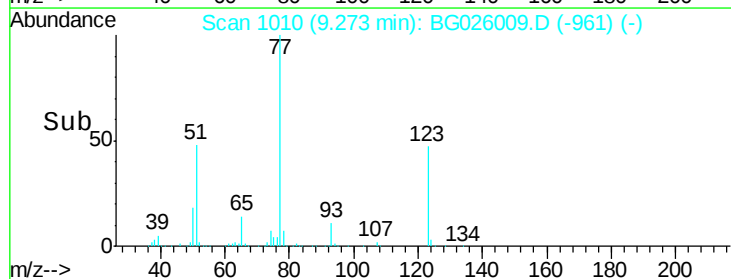
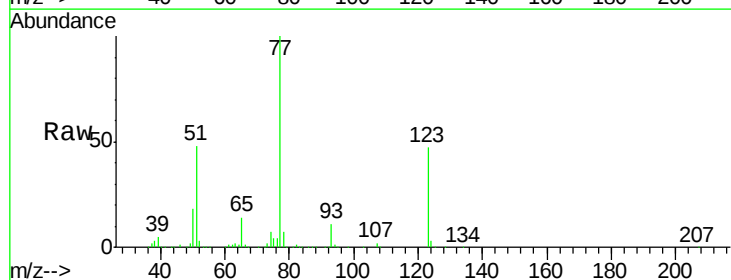
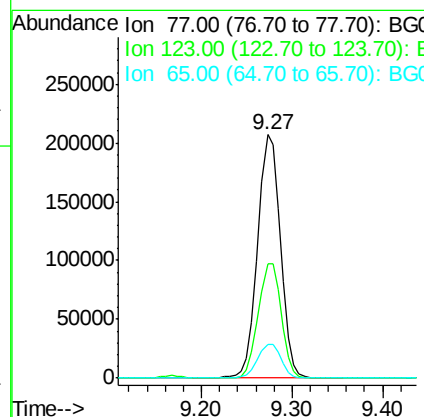
Manual Integrations  
 APPROVED

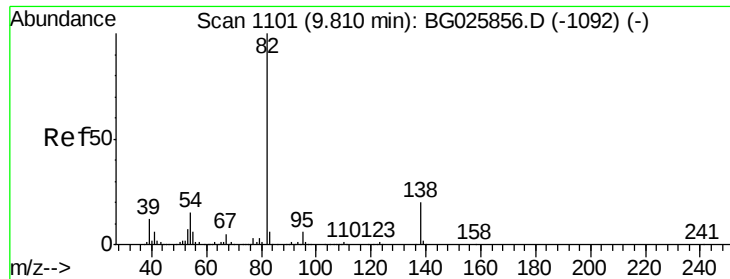
mohammad  
 3/1/2017 3:07:18 PM



#24  
 Nitrobenzene  
 Concen: 42.02 ng  
 RT: 9.27 min Scan# 1010  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.8  | 26.1  | 39.1# |
| 65      | 14.0  | 12.4  | 18.6  |





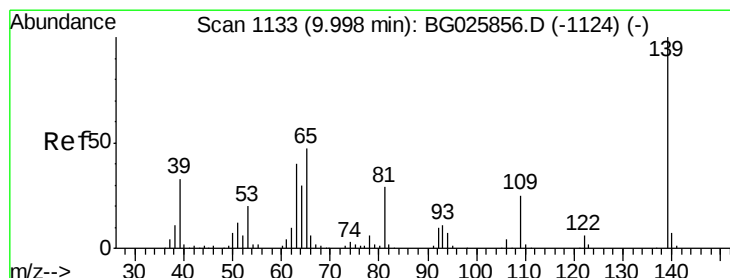
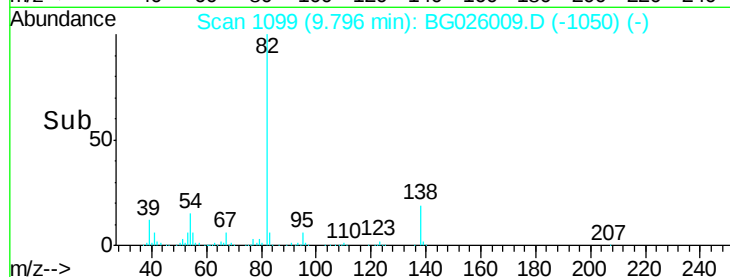
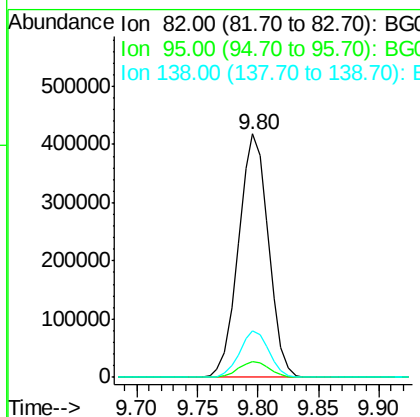
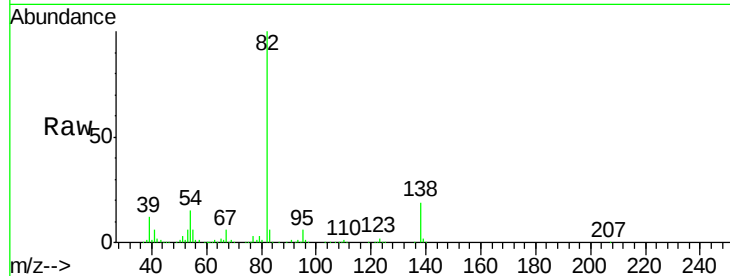
#25  
Isophorone  
Concen: 41.23 ng  
RT: 9.80 min Scan# 1099  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 6.3   | 7.5   | 11.3# |
| 138     | 19.3  | 12.3  | 18.5# |

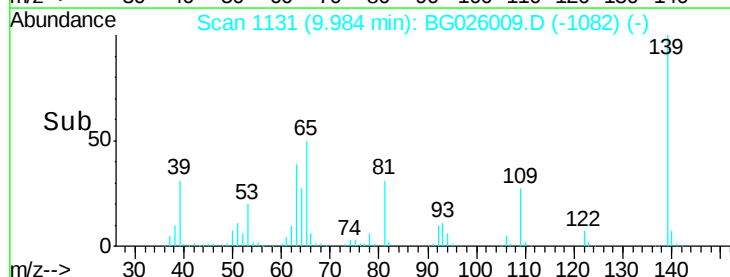
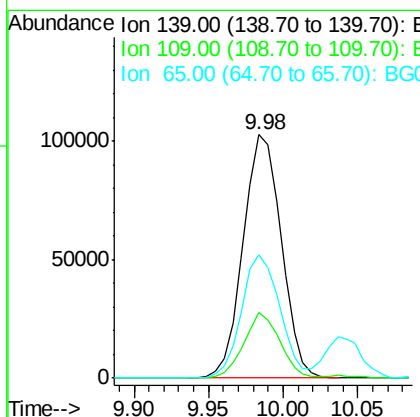
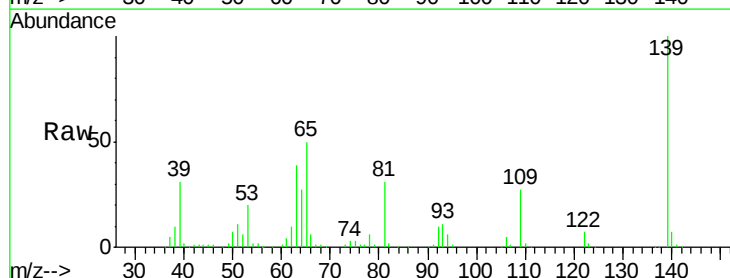
Manual Integrations  
APPROVED

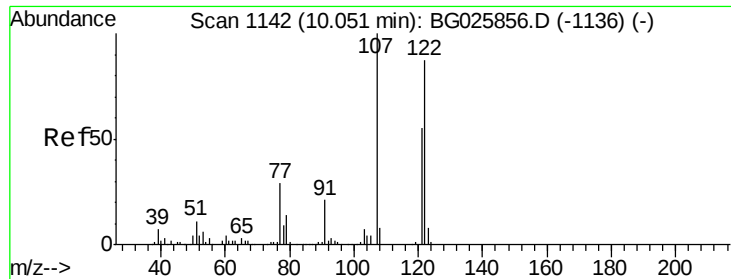
mohammad  
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#26  
2-Nitrophenol  
Concen: 45.29 ng  
RT: 9.98 min Scan# 1131  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 27.0  | 38.6  | 58.0# |
| 65      | 50.5  | 57.1  | 85.7# |





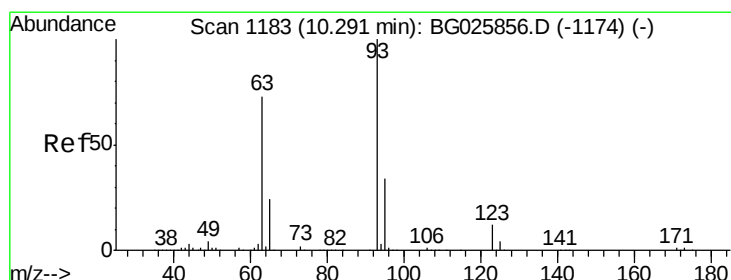
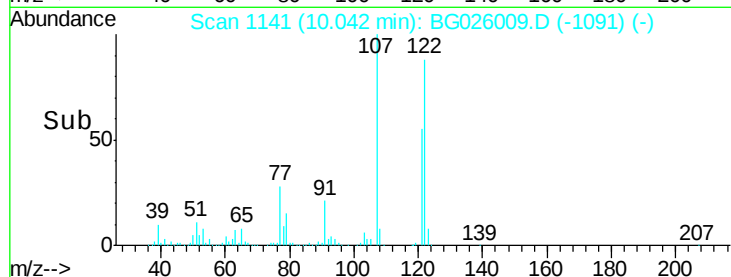
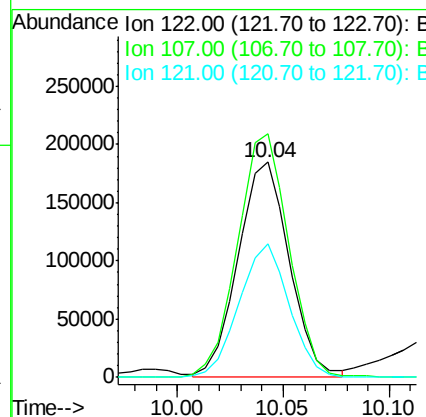
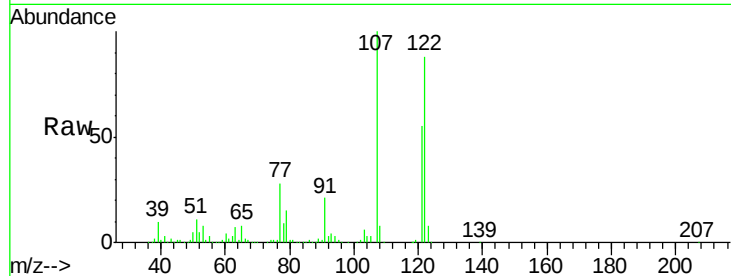
#27  
 2,4-Dimethylphenol  
 Concen: 41.42 ng  
 RT: 10.04 min Scan# 1141  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.3 | 104.2 | 156.4 |
| 121     | 61.9  | 46.0  | 69.0  |

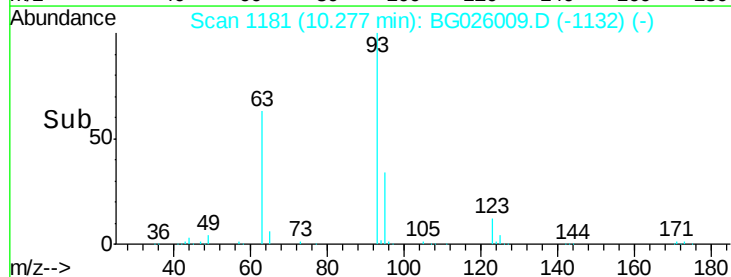
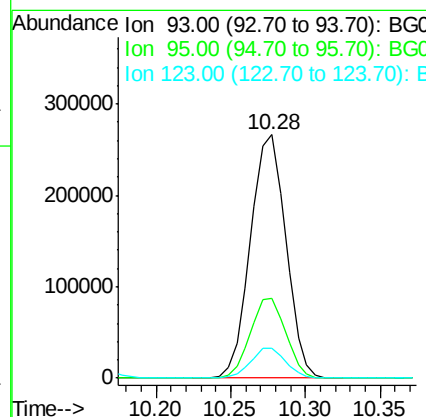
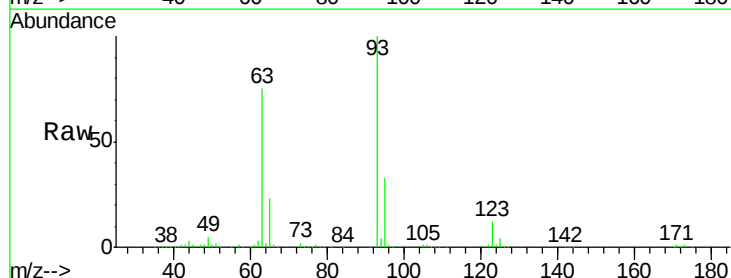
Manual Integrations  
 APPROVED

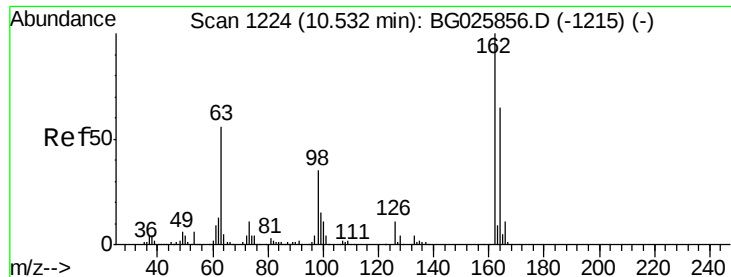
mohammad  
 3/1/2017 3:07:18 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.54 ng  
 RT: 10.28 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.5  | 25.7  | 38.5  |
| 123     | 12.3  | 8.3   | 12.5  |





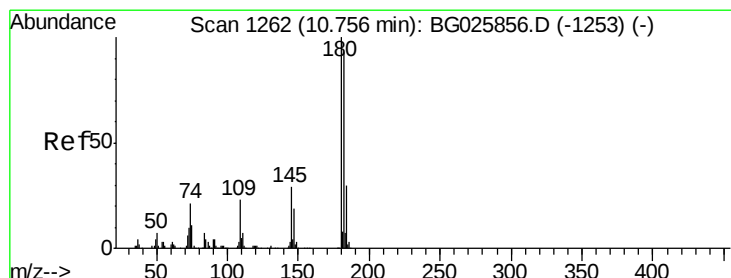
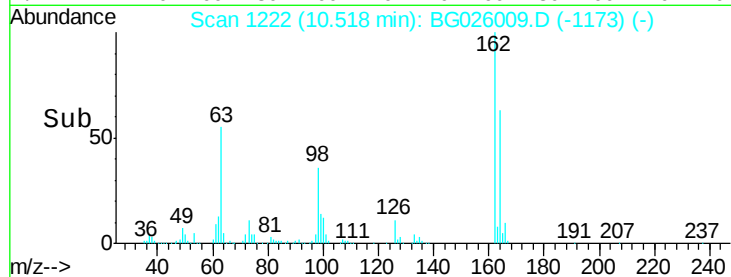
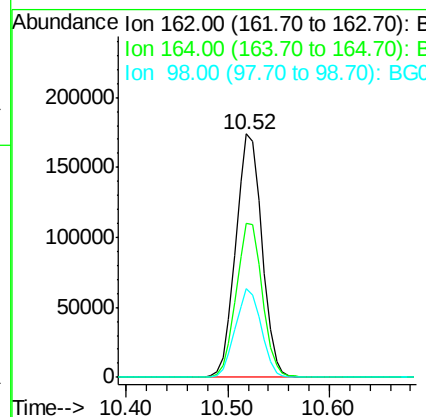
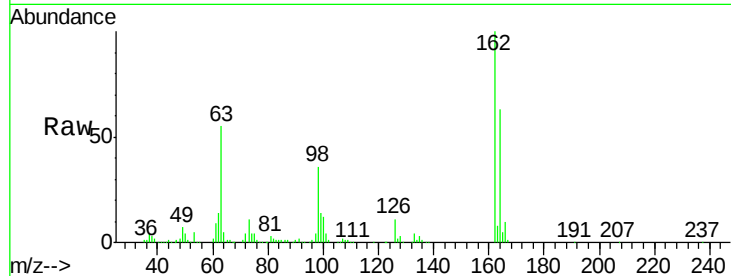
#29  
2,4-Dichlorophenol  
Concen: 43.66 ng  
RT: 10.52 min Scan# 1222  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 63.4  | 42.4       | 82.4       |
| 98      | 36.4  | 20.3       | 60.3       |

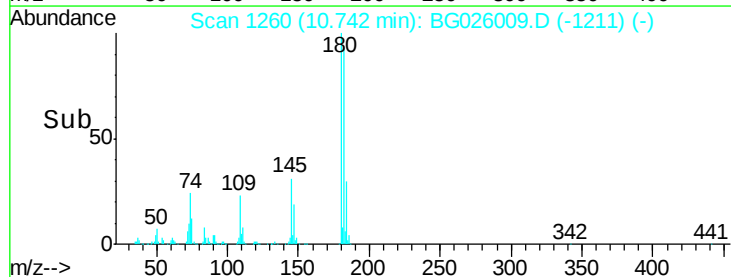
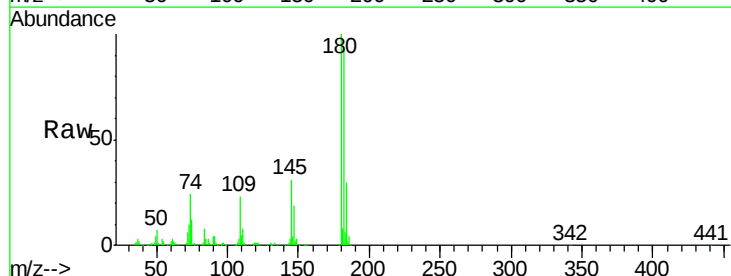
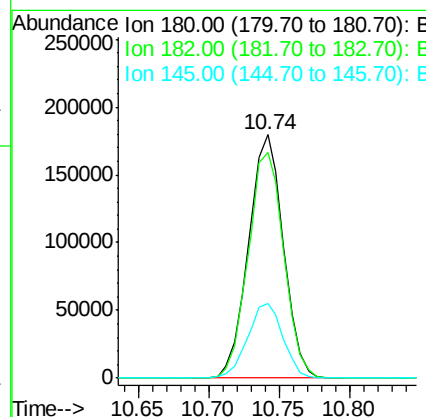
Manual Integrations  
APPROVED

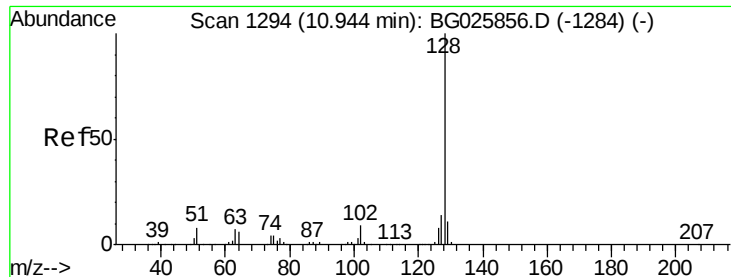
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 39.90 ng  
RT: 10.74 min Scan# 1260  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 92.9  | 77.0       | 115.4      |
| 145     | 30.7  | 23.4       | 35.0       |





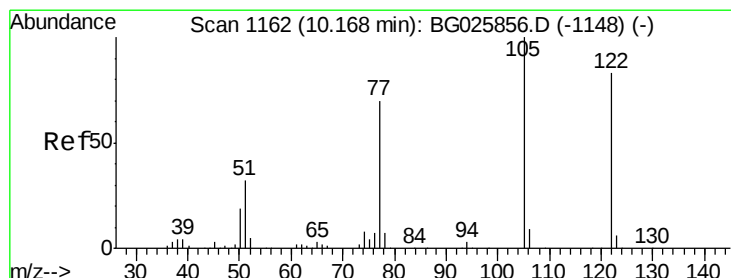
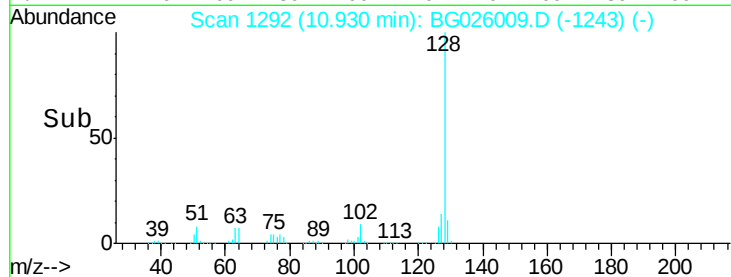
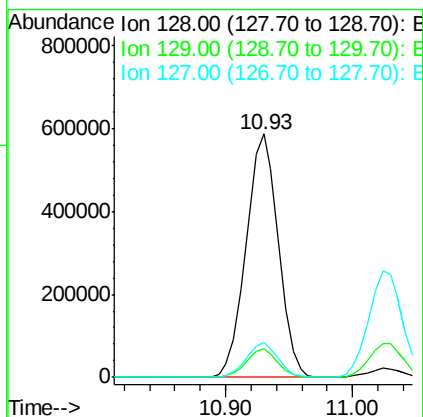
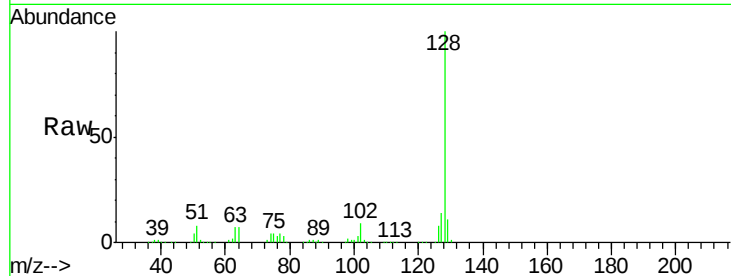
#31  
Naphthalene  
Concen: 39.95 ng  
RT: 10.93 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.5  | 9.3   | 13.9  |
| 127     | 14.4  | 11.4  | 17.0  |

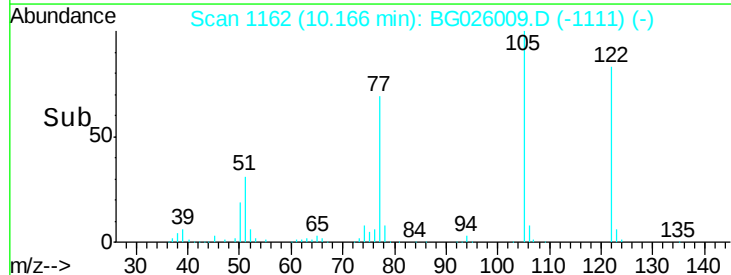
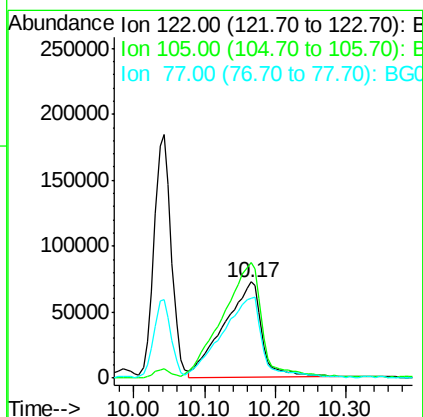
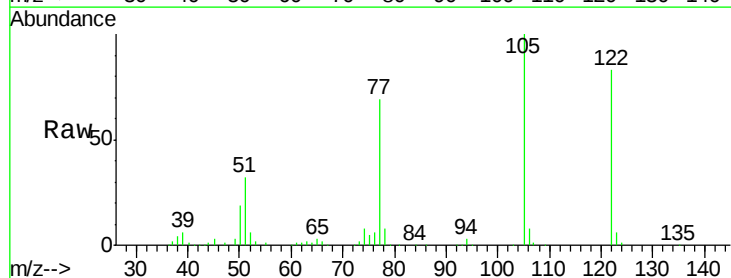
Manual Integrations  
APPROVED

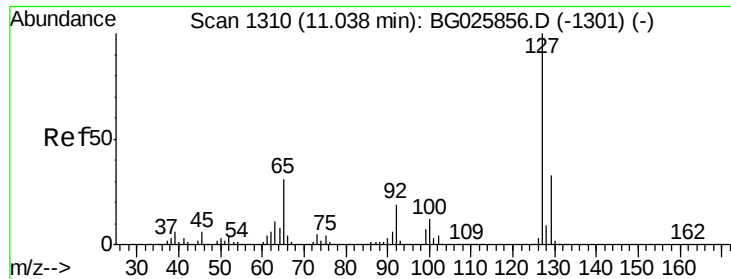
mohammad  
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#32  
Benzoic acid  
Concen: 47.06 ng  
RT: 10.17 min Scan# 1162  
Delta R.T. -0.00 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 120.1 | 120.1 | 160.1  |
| 77      | 83.5  | 104.6 | 144.6# |





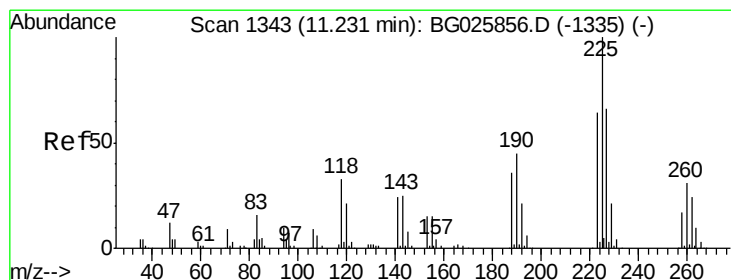
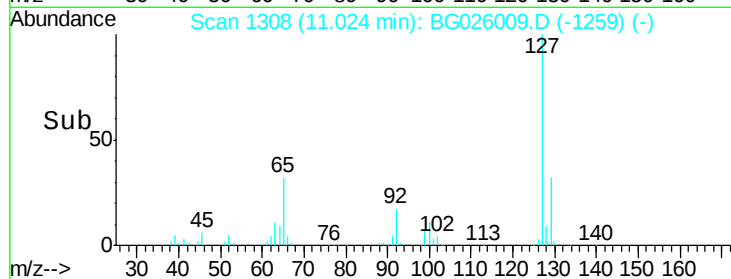
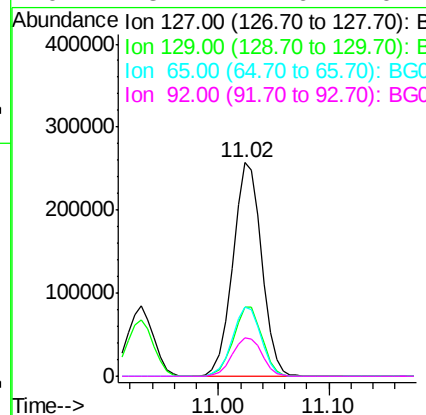
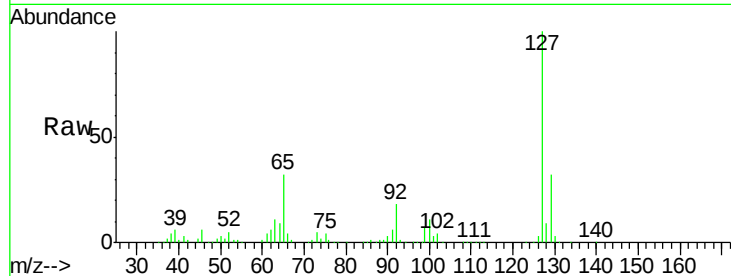
#33  
4-Chloroaniline  
Concen: 41.86 ng  
RT: 11.02 min Scan# 1308  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 471038 |       |       |
| 129     | 32.1  | 23.6   | 35.4  |       |
| 65      | 32.2  | 37.7   | 56.5  |       |
| 92      | 18.2  | 17.6   | 26.4  |       |

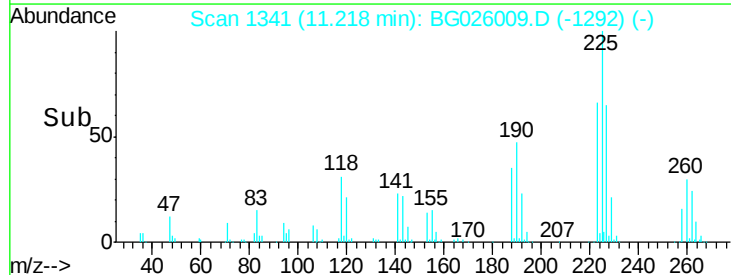
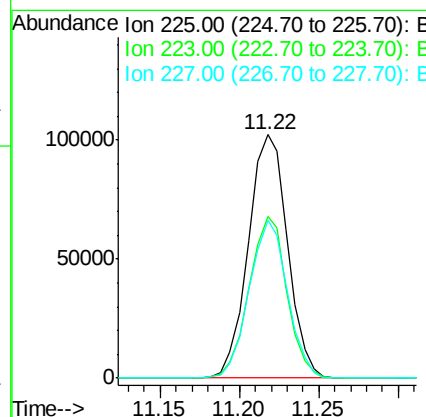
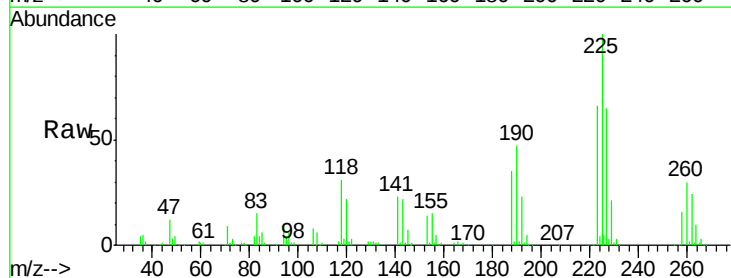
Manual Integrations  
APPROVED

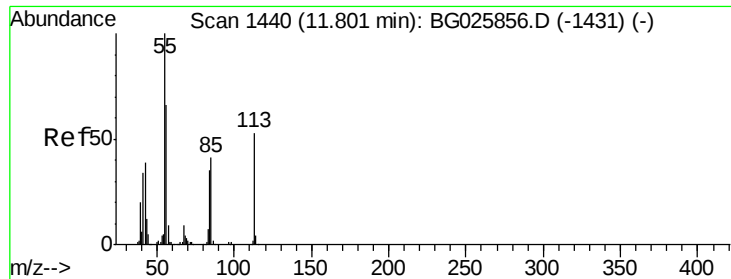
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 39.71 ng  
RT: 11.22 min Scan# 1341  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 175755 |       |       |
| 223     | 66.5  | 50.7   | 76.1  |       |
| 227     | 64.8  | 49.0   | 73.6  |       |





#35

Caprolactam

Concen: 48.75 ng

RT: 11.79 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

Instrument :

BNA\_G

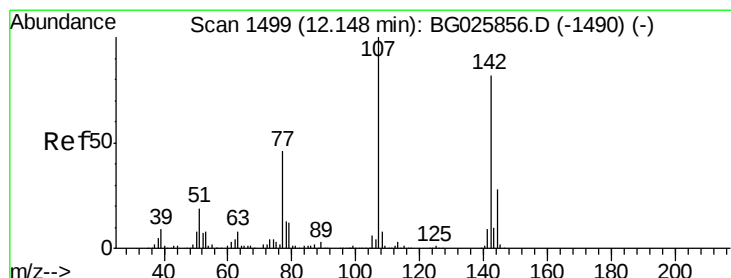
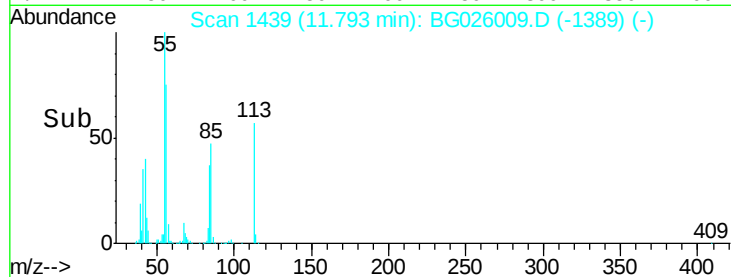
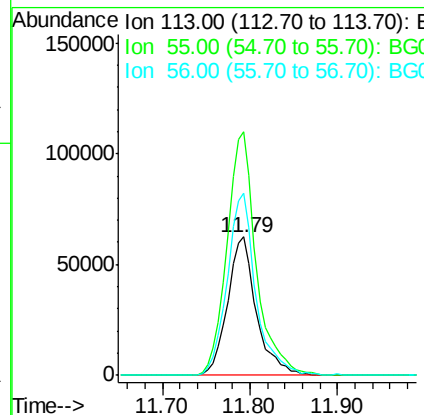
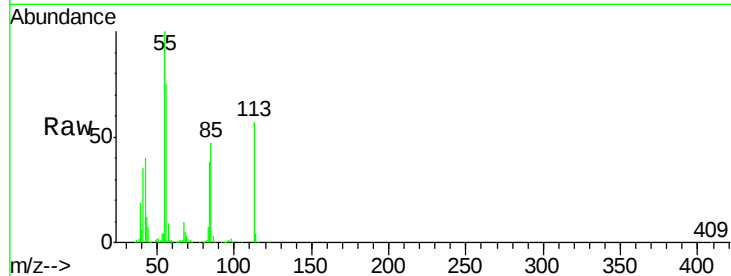
ClientSampleId :

SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 175.7 | 198.6 | 238.6# |
| 56      | 131.9 | 140.4 | 180.4# |

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 44.82 ng

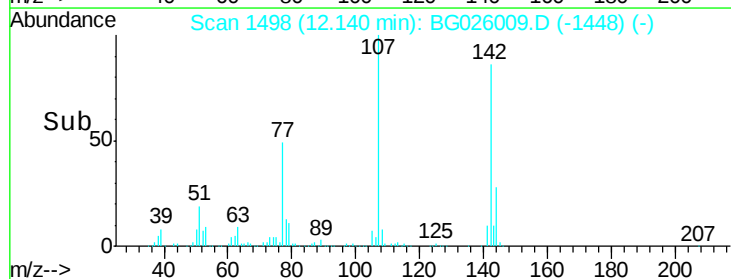
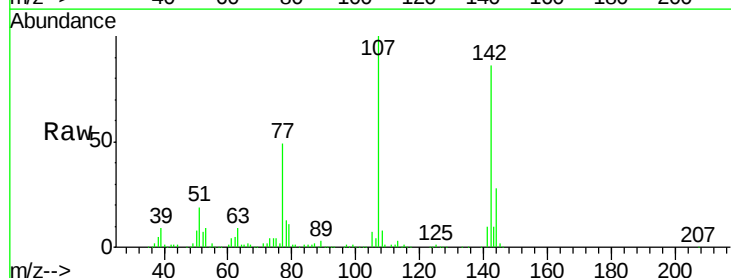
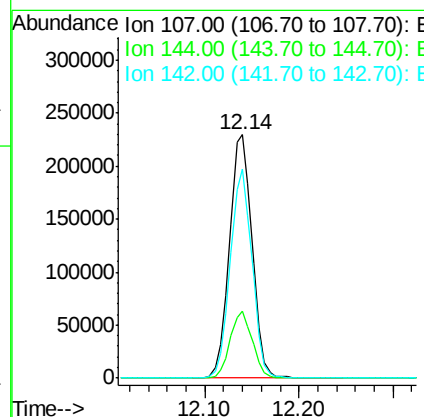
RT: 12.14 min Scan# 1498

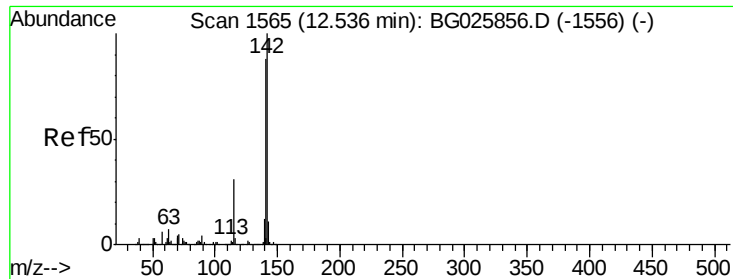
Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.6  | 17.4  | 26.0# |
| 142     | 85.7  | 54.1  | 81.1# |





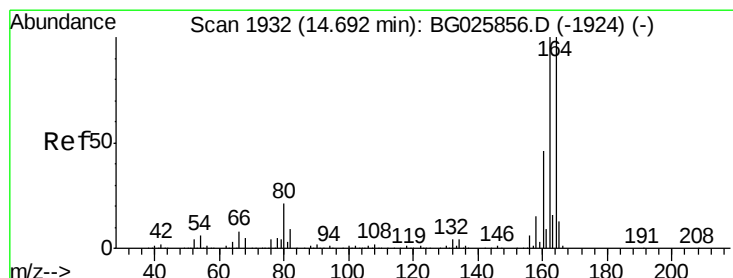
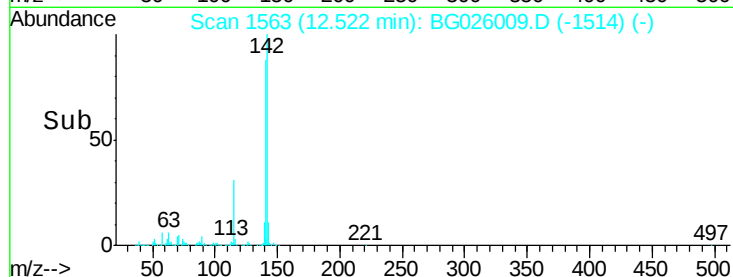
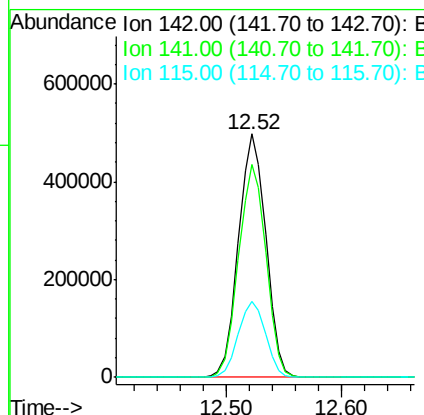
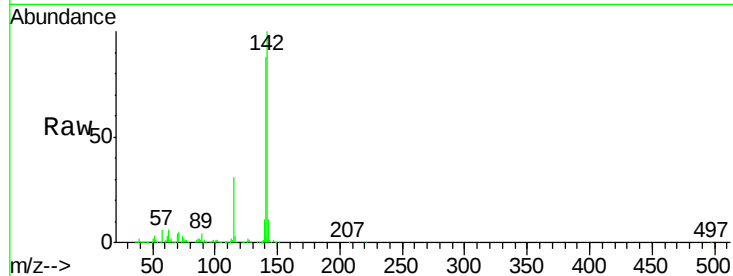
#37  
2-Methylnaphthalene  
Concen: 41.33 ng  
RT: 12.52 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.5  | 70.4  | 105.6 |
| 115     | 31.4  | 35.5  | 53.3  |

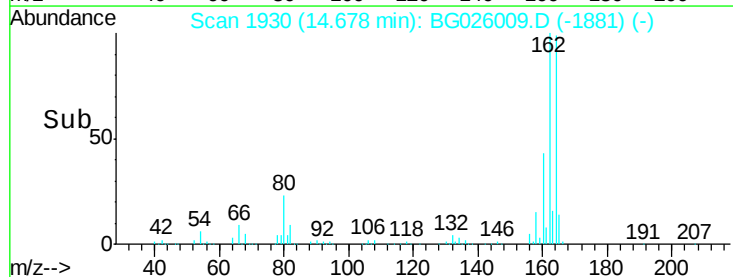
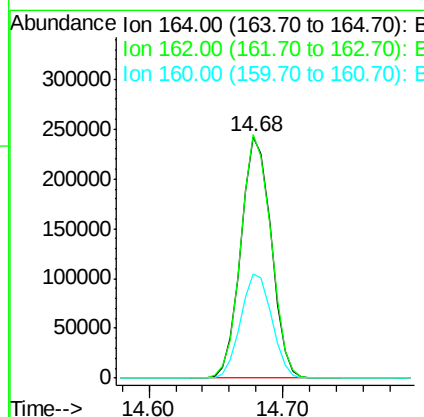
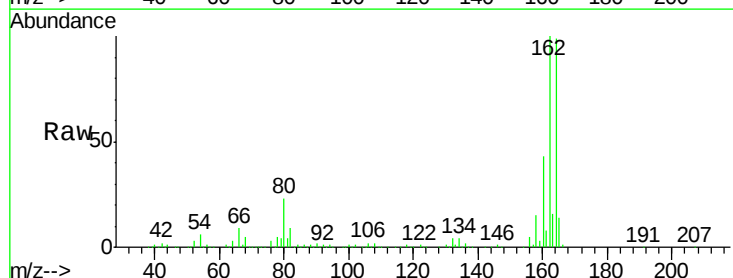
Manual Integrations  
APPROVED

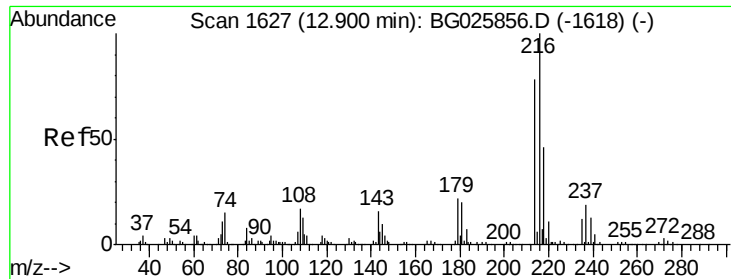
mohammad  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.68 min Scan# 1930  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.8 | 85.1  | 127.7 |
| 160     | 43.2  | 34.7  | 52.1  |





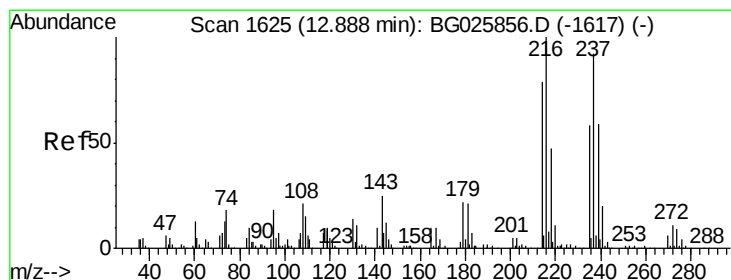
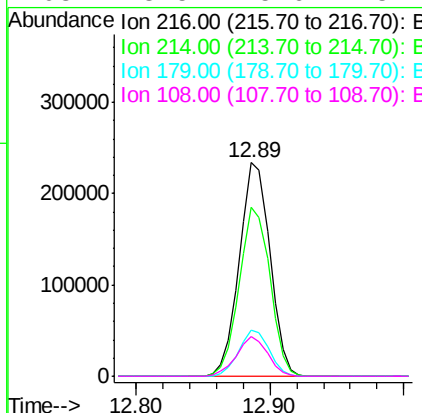
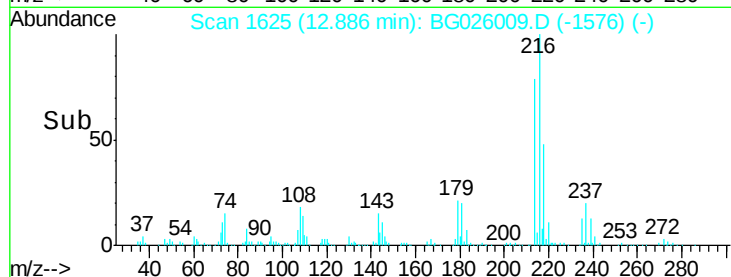
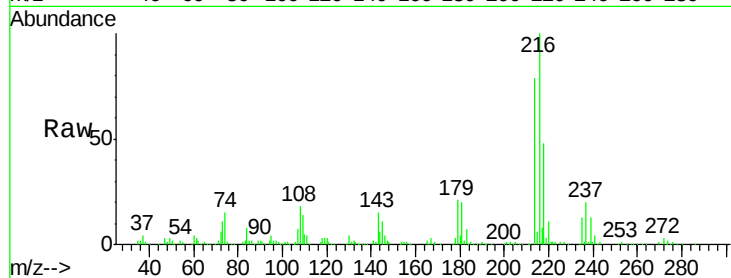
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.14 ng  
 RT: 12.89 min Scan# 1625  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 371888 |       |       |
| 214     | 79.3  | 64.4   | 96.6  |       |
| 179     | 21.3  | 17.4   | 26.0  |       |
| 108     | 18.5  | 15.6   | 23.4  |       |

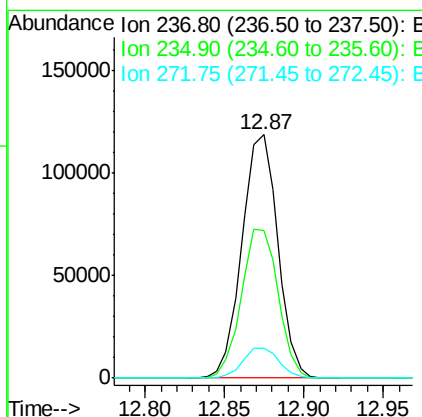
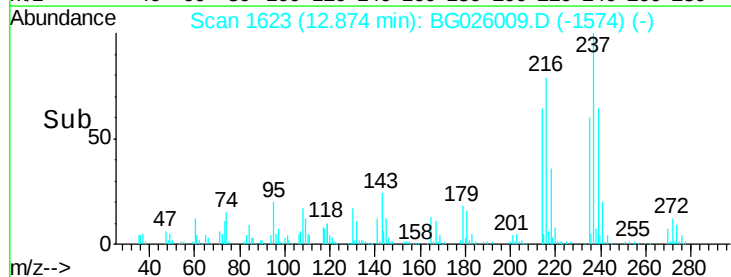
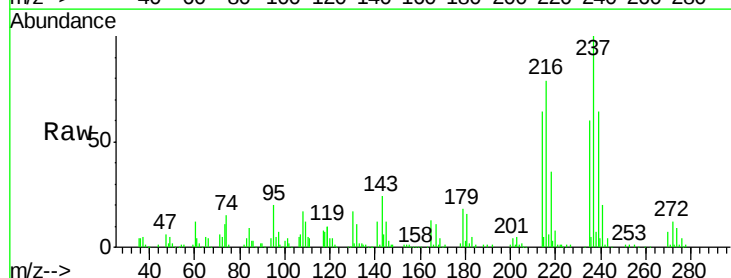
Manual Integrations  
 APPROVED

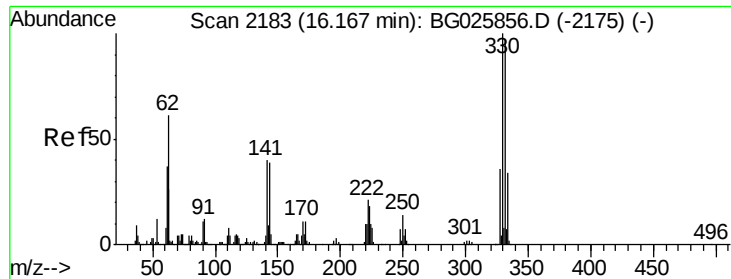
mohammad  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 35.89 ng  
 RT: 12.87 min Scan# 1623  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 186615 |       |       |
| 235     | 60.4  | 39.4   | 79.4  |       |
| 272     | 12.1  | 0.0    | 32.0  |       |





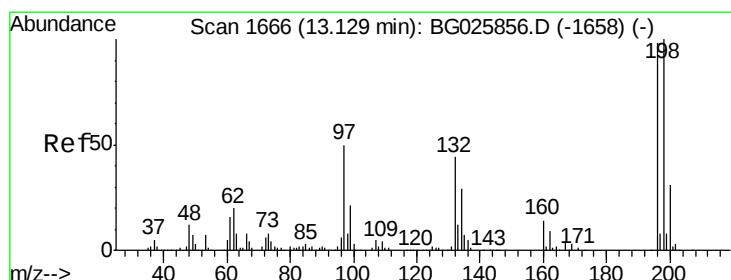
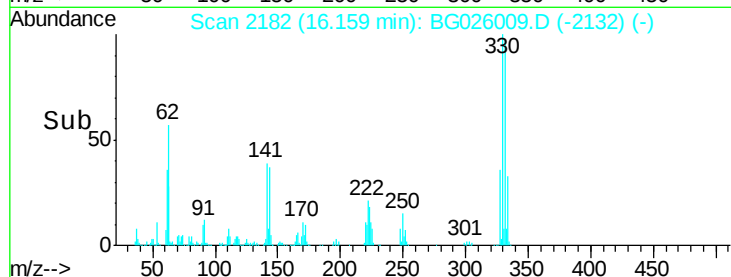
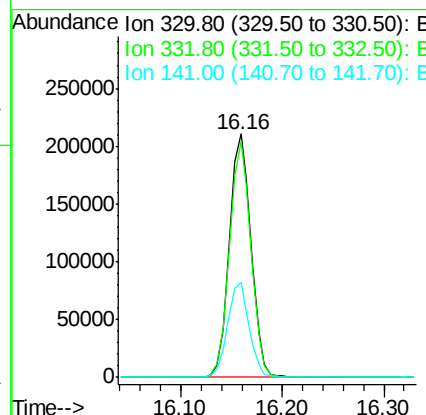
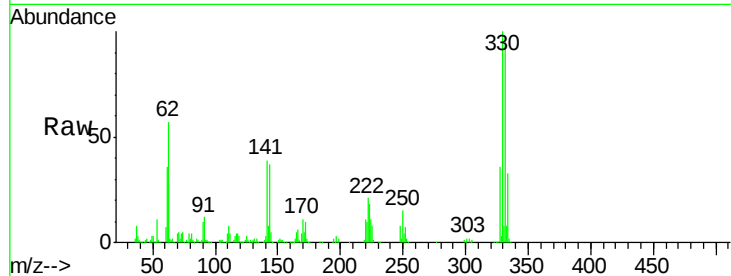
#41  
 2,4,6-Tribromophenol  
 Concen: 88.93 ng  
 RT: 16.16 min Scan# 2182  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 311479 |       |       |
| 332     | 96.1  | 77.3   | 115.9 |       |
| 141     | 38.9  | 32.1   | 48.1  |       |

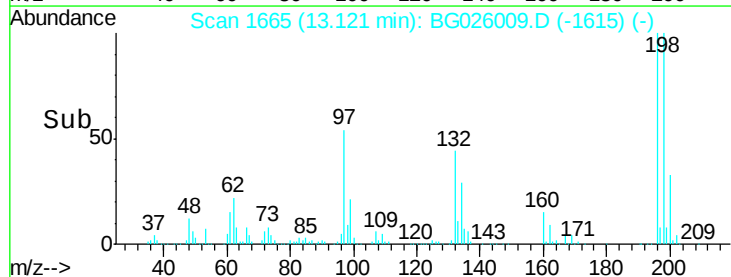
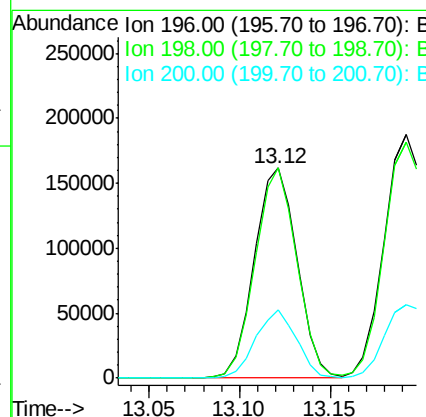
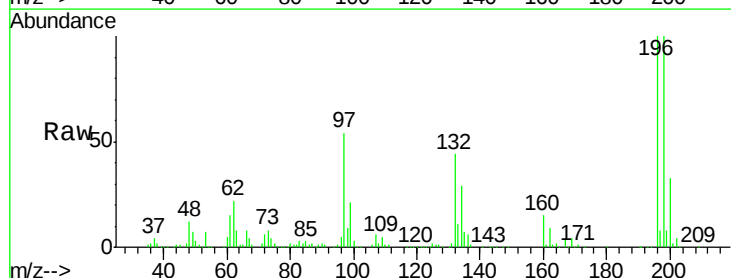
Manual Integrations  
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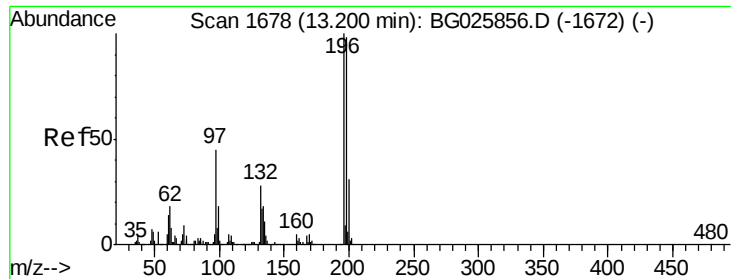
mohammad  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 43.13 ng  
 RT: 13.12 min Scan# 1665  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 264682 |       |       |
| 198     | 100.0 | 81.4   | 122.2 |       |
| 200     | 32.7  | 27.0   | 40.6  |       |





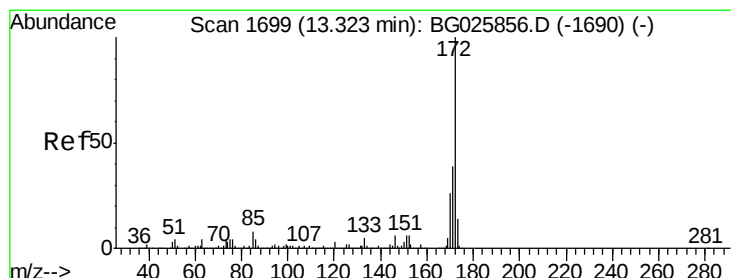
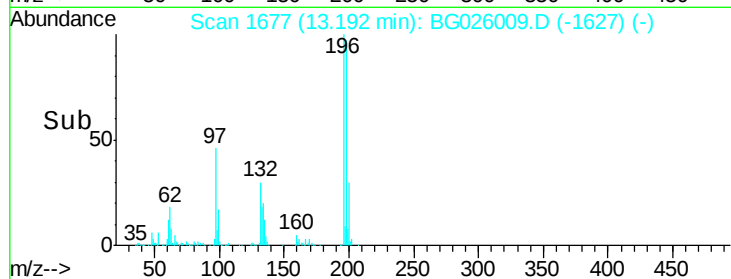
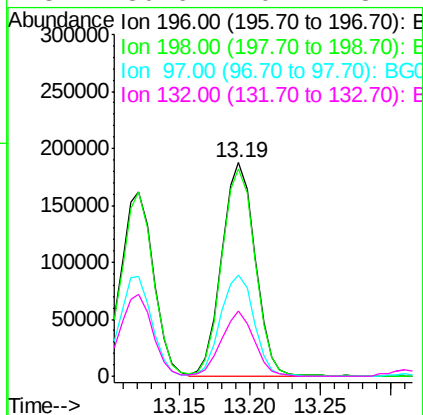
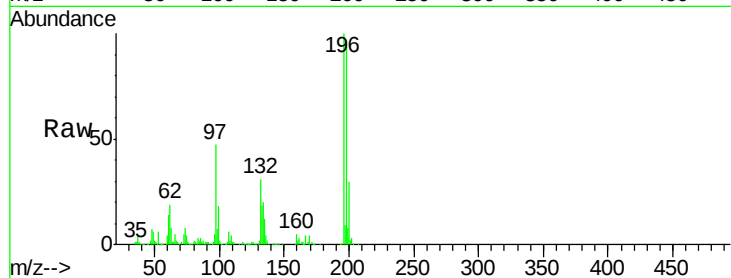
#43  
2,4,5-Trichlorophenol  
Concen: 44.22 ng  
RT: 13.19 min Scan# 1677  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 308047 |       |       |
| 198     | 96.8  | 79.9   | 119.9 |       |
| 97      | 47.4  | 45.4   | 68.0  |       |
| 132     | 30.6  | 20.7   | 31.1  |       |

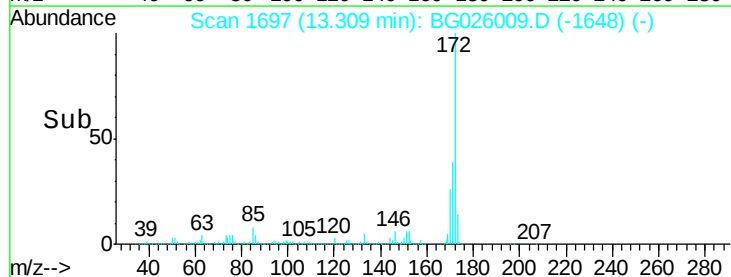
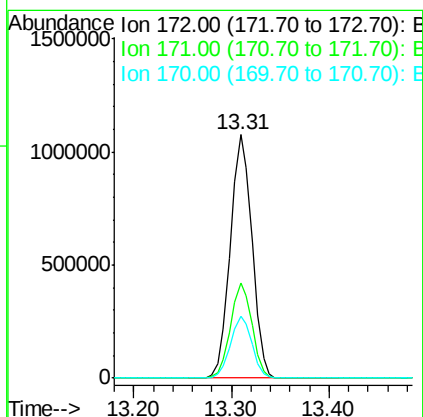
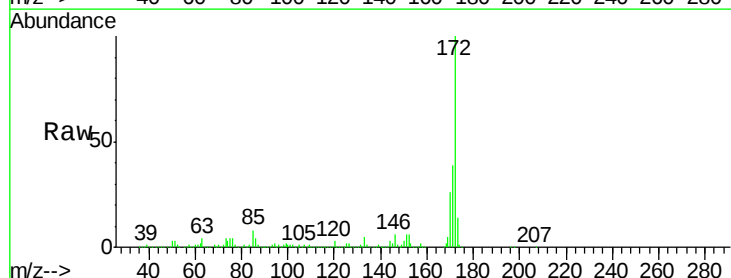
Manual Integrations  
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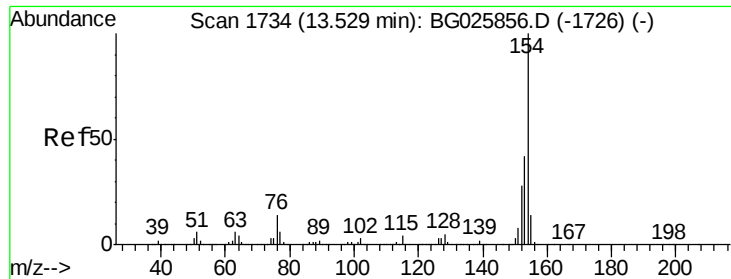
mohammad  
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#44  
2-Fluorobiphenyl  
Concen: 76.28 ng  
RT: 13.31 min Scan# 1697  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1654967 |       |       |
| 171     | 38.9  | 32.2    | 48.2  |       |
| 170     | 25.5  | 21.8    | 32.6  |       |





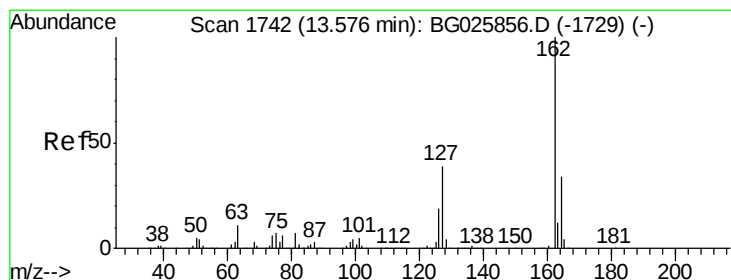
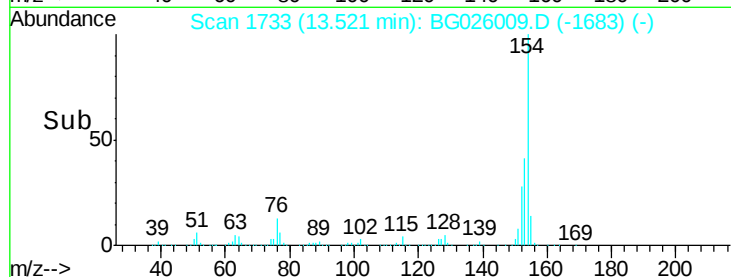
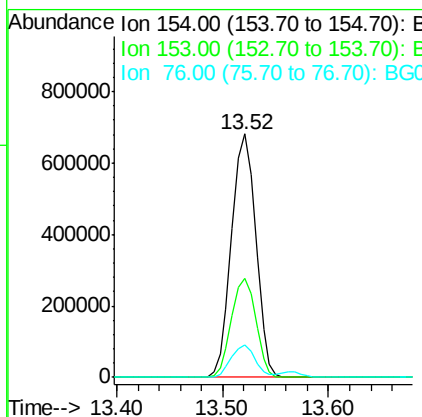
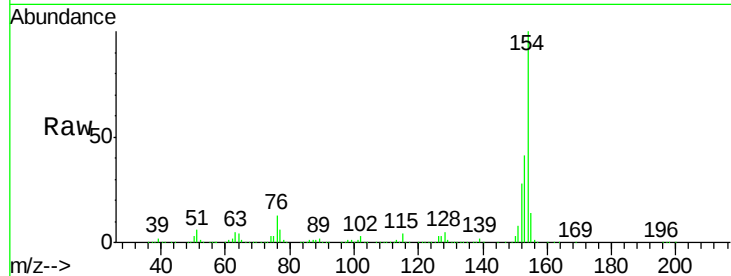
#45  
 1,1'-Biphenyl  
 Concen: 39.37 ng  
 RT: 13.52 min Scan# 1733  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:154 Resp: 1081675  
 Ion Ratio Lower Upper  
 154 100  
 153 40.9 23.0 63.0  
 76 13.5 0.0 33.5

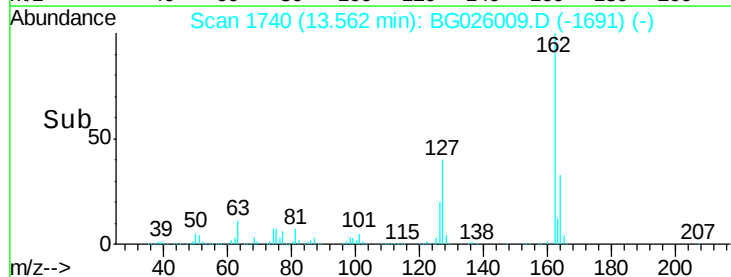
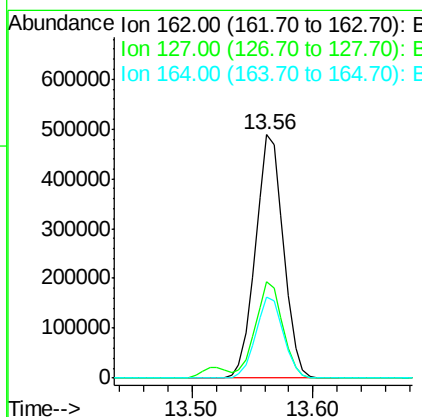
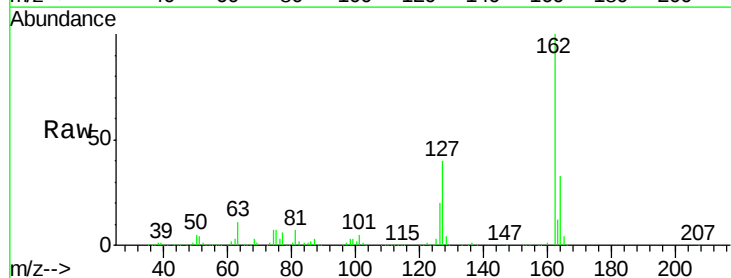
Manual Integrations  
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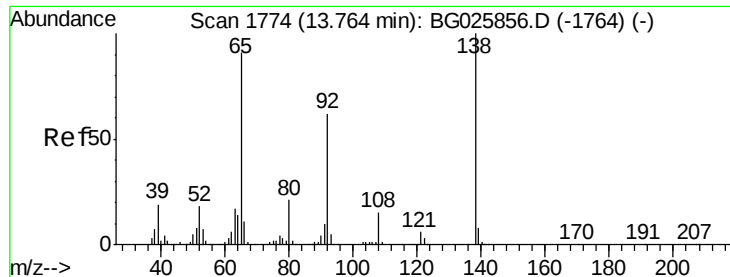
mohammad  
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#46  
 2-Chloronaphthalene  
 Concen: 39.36 ng  
 RT: 13.56 min Scan# 1740  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Tgt Ion:162 Resp: 781718  
 Ion Ratio Lower Upper  
 162 100  
 127 39.6 32.2 48.4  
 164 33.2 27.3 40.9





#47

2-Nitroaniline

Concen: 46.26 ng

RT: 13.76 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 65 Resp: 291416  
Ion Ratio Lower Upper

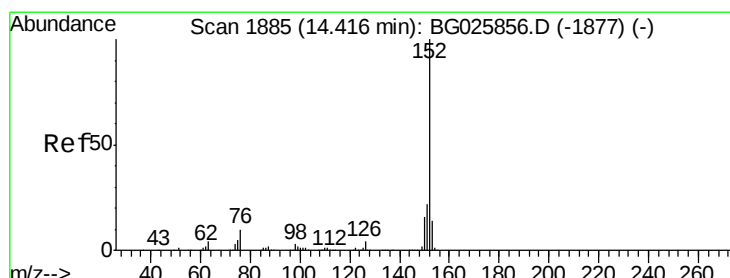
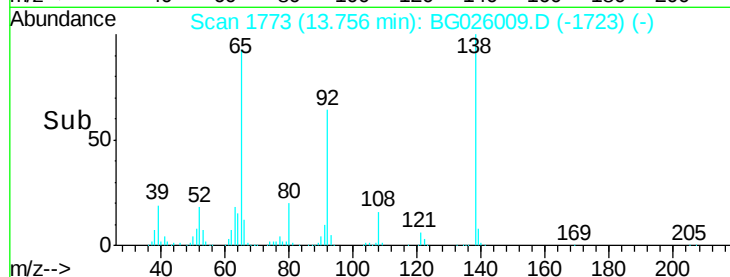
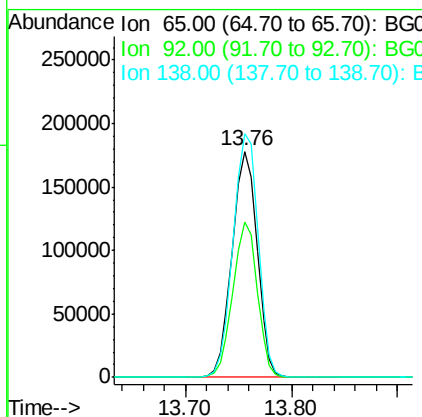
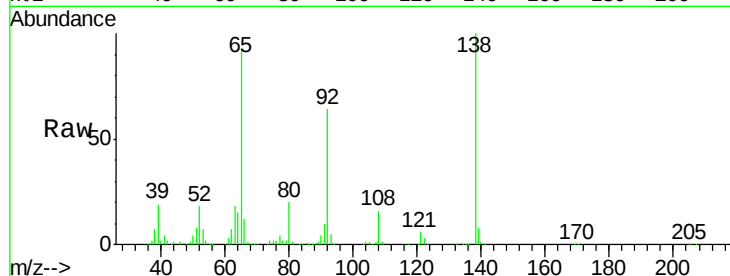
65 100

92 68.7 49.0 73.4

138 107.7 58.6 87.8#

Manual Integrations  
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#48

Acenaphthylene

Concen: 40.72 ng

RT: 14.40 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG026009.D

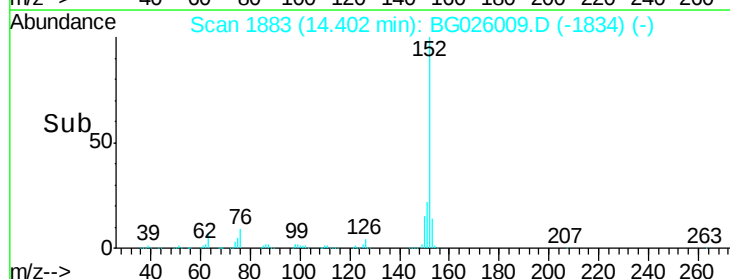
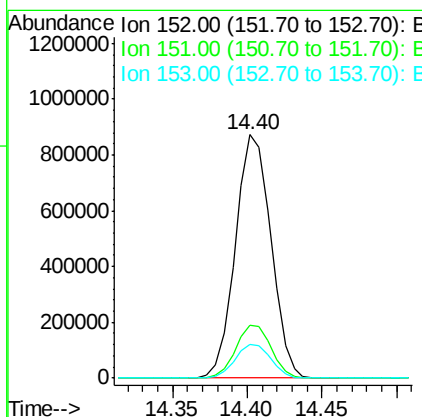
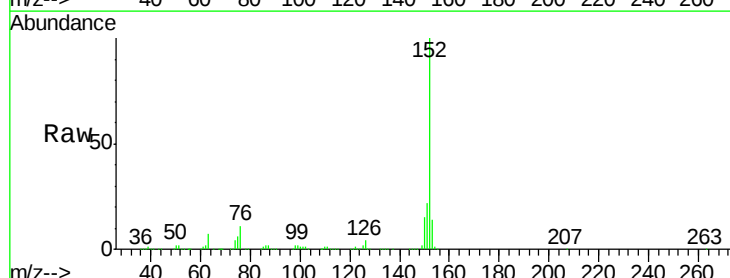
Acq: 28 Feb 2017 22:57

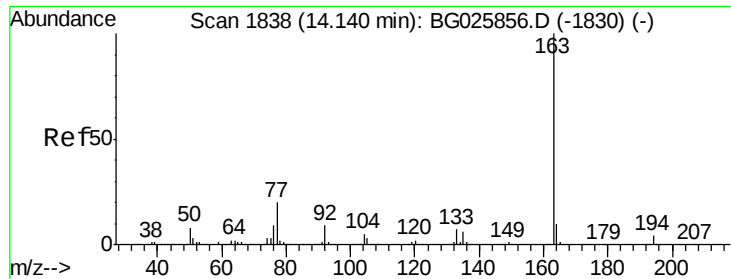
Tgt Ion: 152 Resp: 1440085  
Ion Ratio Lower Upper

152 100

151 21.8 18.2 27.2

153 14.1 11.3 16.9





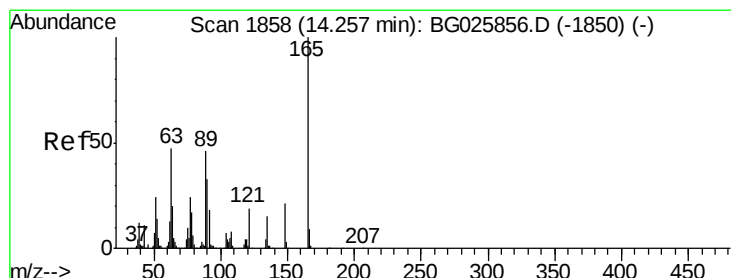
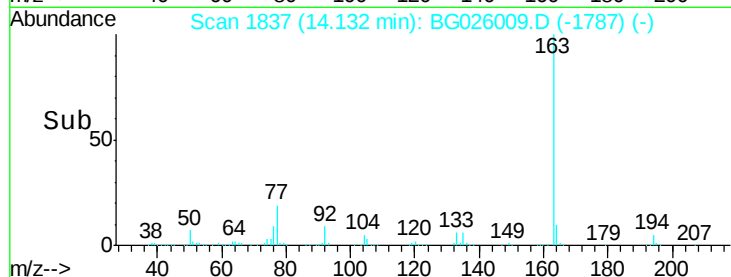
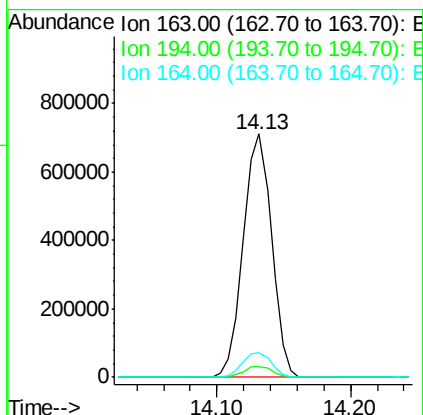
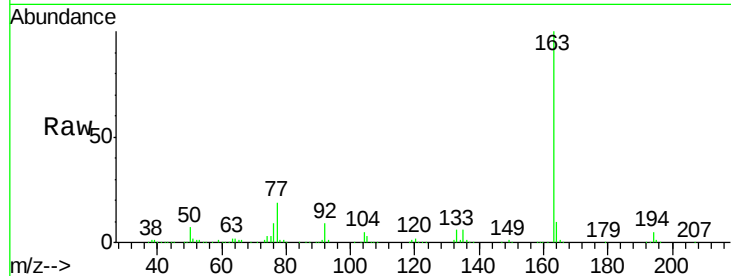
#49  
Dimethylphthalate  
Concen: 40.08 ng  
RT: 14.13 min Scan# 1837  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.6   | 3.8   | 5.6   |
| 164     | 10.1  | 9.3   | 13.9  |

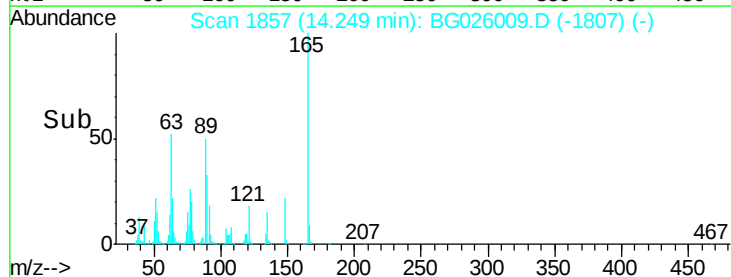
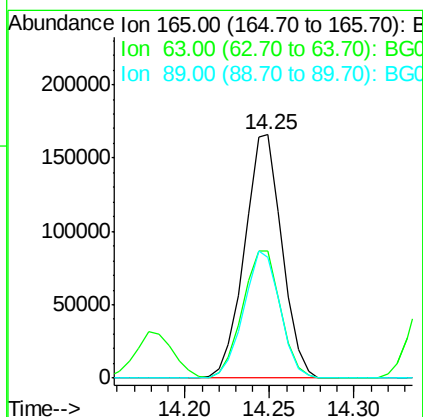
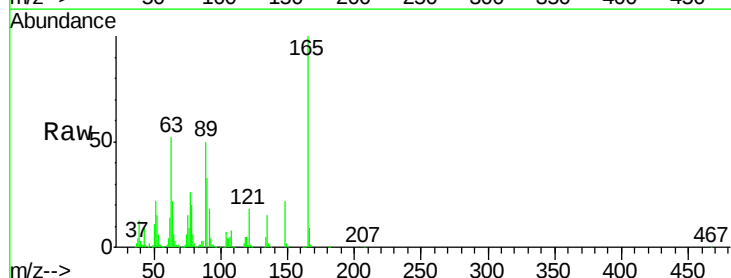
Manual Integrations  
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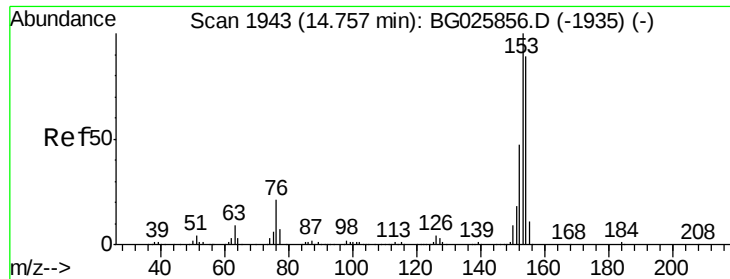
mohammad  
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#50  
2,6-Dinitrotoluene  
Concen: 43.59 ng  
RT: 14.25 min Scan# 1857  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 52.3  | 63.9  | 95.9# |
| 89      | 49.6  | 58.6  | 88.0# |





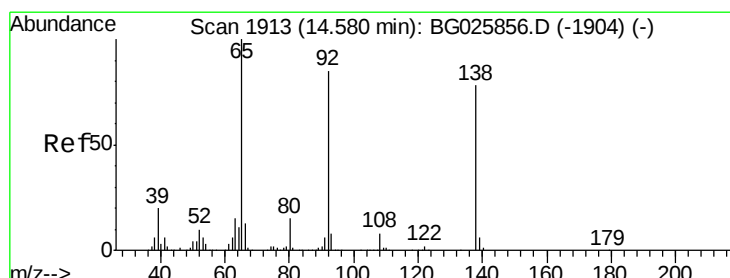
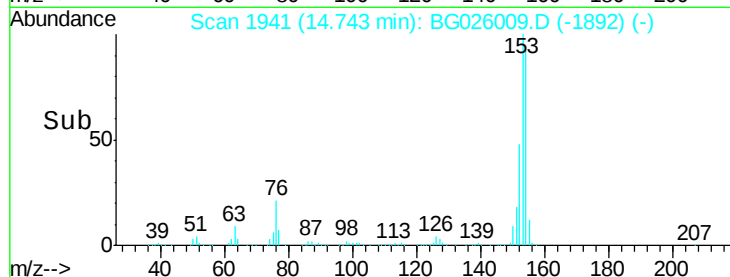
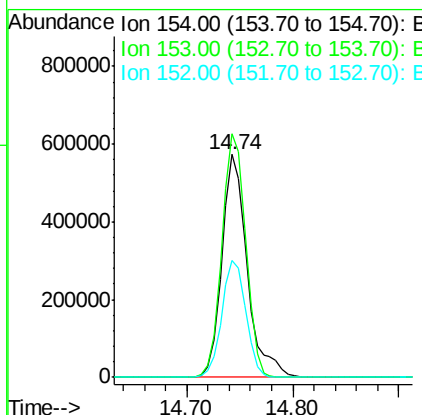
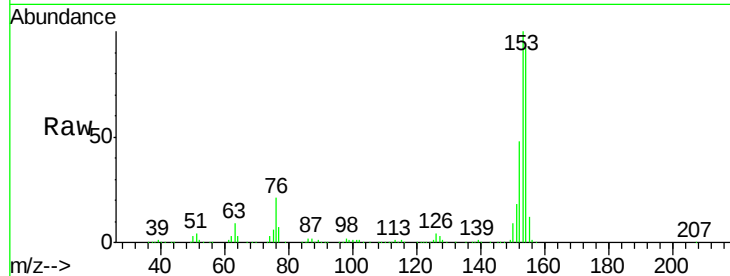
#51  
Acenaphthene  
Concen: 40.84 ng  
RT: 14.74 min Scan# 1941  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 109.3 | 87.8  | 131.6 |
| 152     | 52.3  | 42.2  | 63.4  |

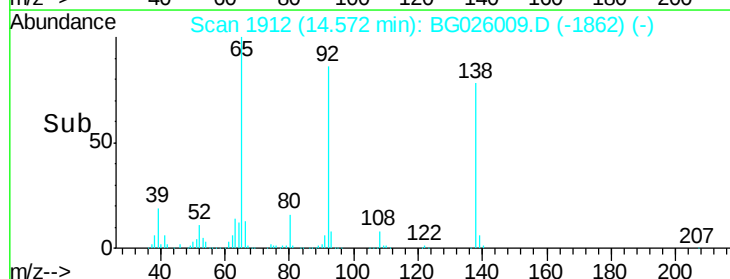
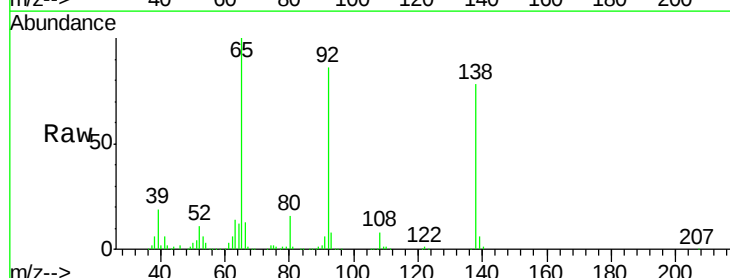
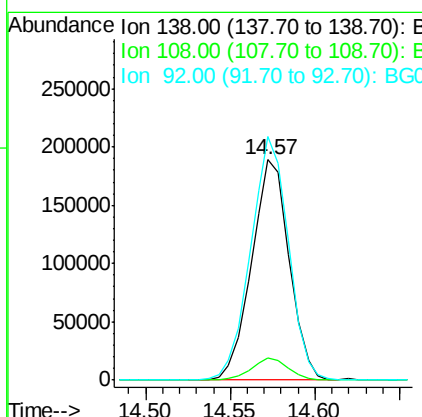
Manual Integrations  
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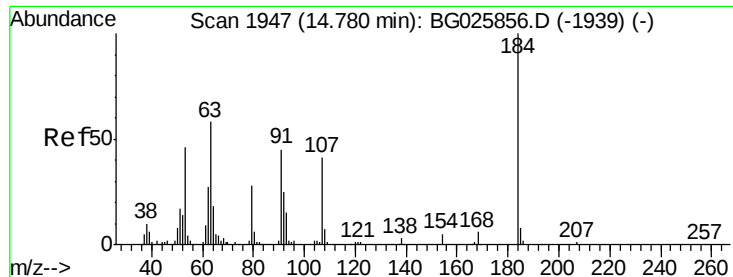
mohammad  
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#52  
3-Nitroaniline  
Concen: 44.66 ng  
RT: 14.57 min Scan# 1912  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 108     | 9.9   | 10.9  | 16.3#  |
| 92      | 110.4 | 115.3 | 172.9# |





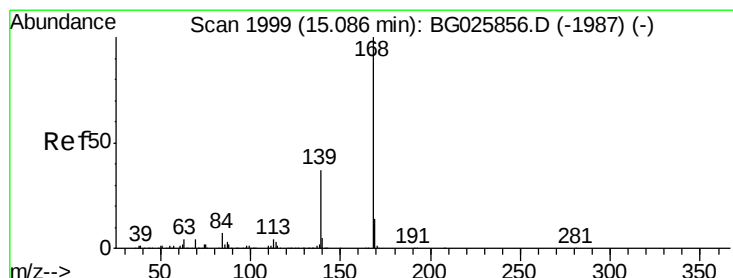
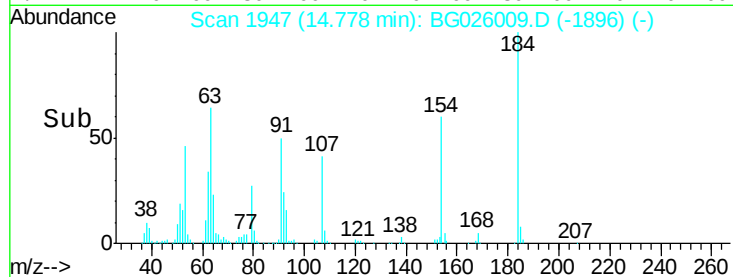
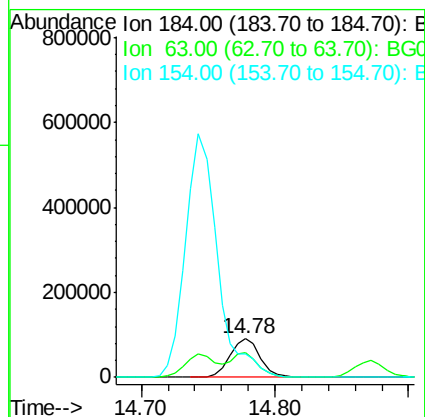
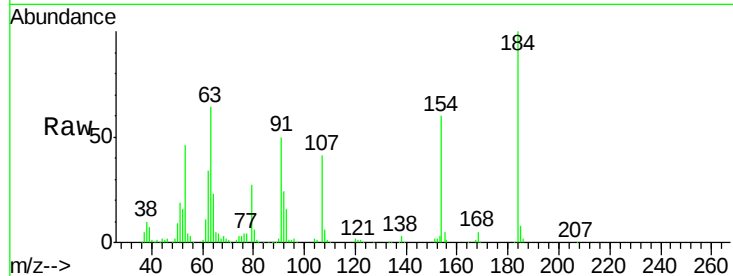
#53  
2,4-Dinitrophenol  
Concen: 46.60 ng  
RT: 14.78 min Scan# 1947  
Delta R.T. -0.00 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 142471 |       |       |
| 63      | 64.1  | 52.7   | 79.1  |       |
| 154     | 60.1  | 57.3   | 85.9  |       |

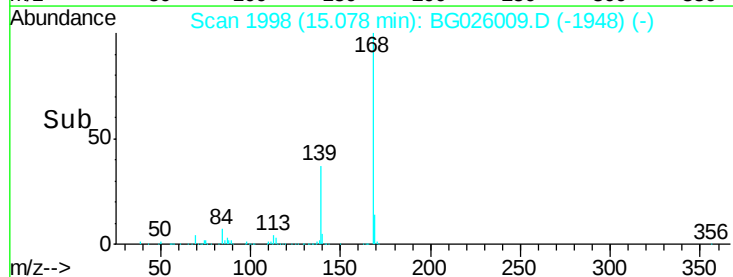
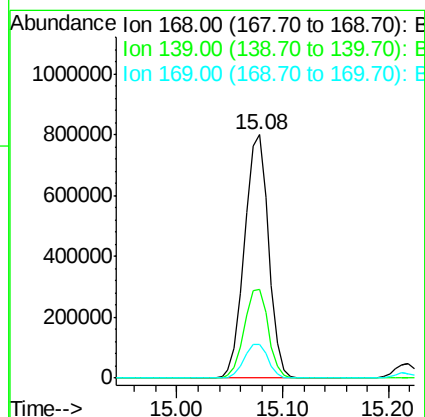
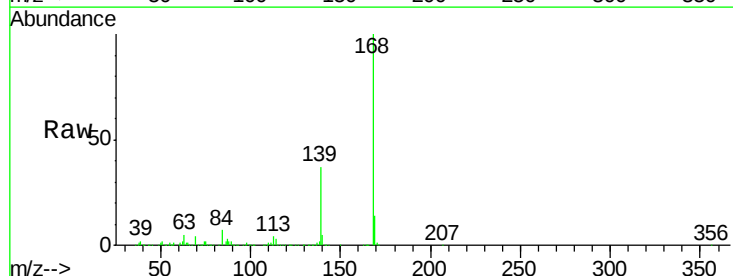
Manual Integrations  
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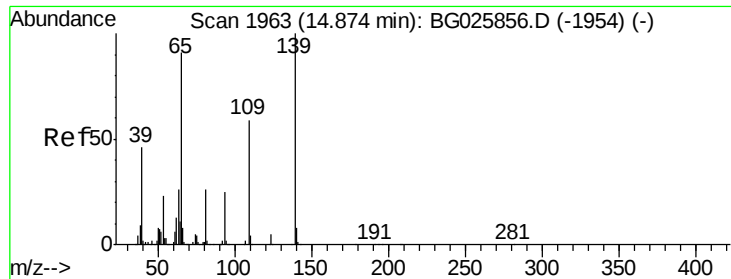
mohammad  
3/1/2017 3:07:18 PM



#54  
Dibenzofuran  
Concen: 40.37 ng  
RT: 15.08 min Scan# 1998  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1256790 |       |       |
| 139     | 36.5  | 35.3    | 52.9  |       |
| 169     | 14.0  | 11.5    | 17.3  |       |





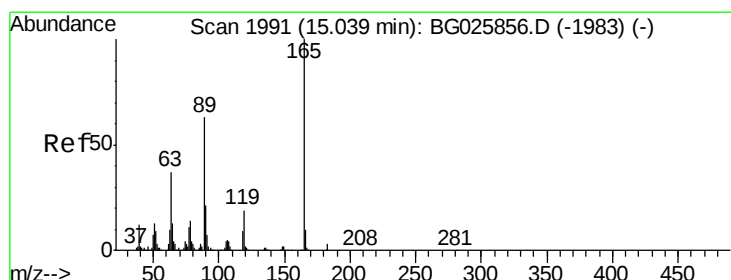
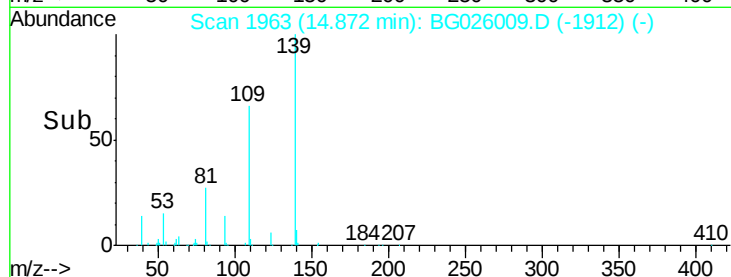
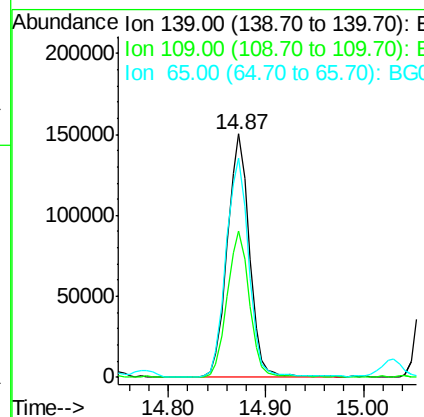
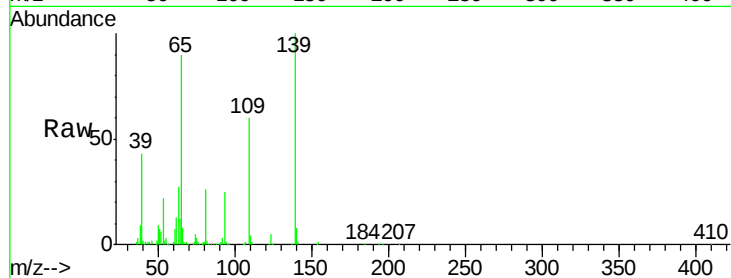
#55  
4-Nitrophenol  
Concen: 44.69 ng  
RT: 14.87 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 139     | 100   | 237696 |        |       |
| 109     | 60.3  | 101.2  | 141.2# |       |
| 65      | 90.1  | 135.3  | 175.3# |       |

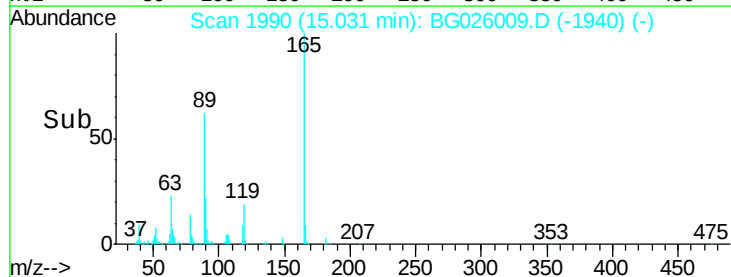
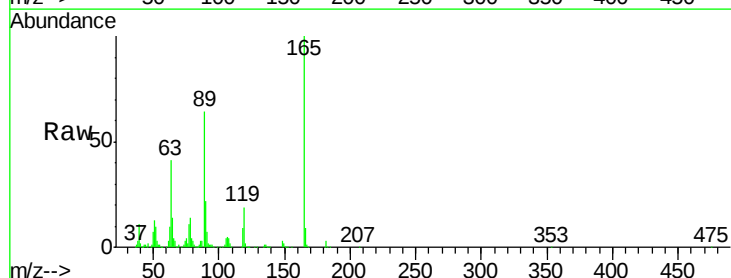
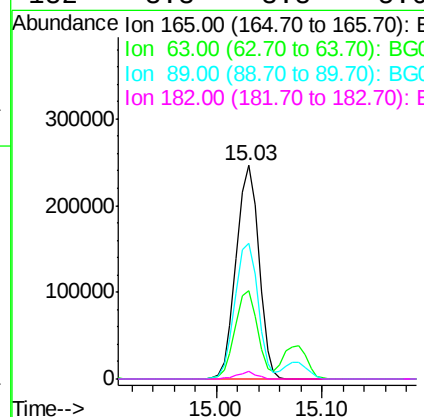
Manual Integrations  
APPROVED

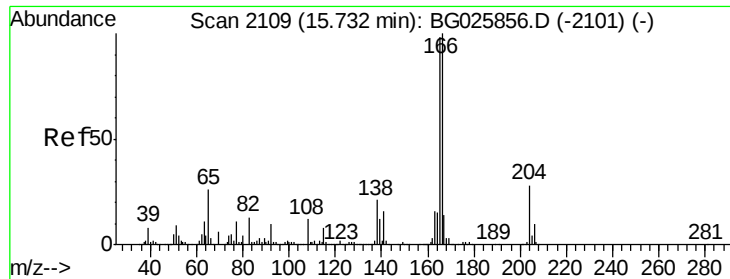
mohammad  
3/1/2017 3:07:18 PM



#56  
2,4-Dinitrotoluene  
Concen: 46.44 ng  
RT: 15.03 min Scan# 1990  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 165     | 100   | 365009 |        |       |
| 63      | 41.2  | 44.0   | 66.0#  |       |
| 89      | 63.8  | 67.3   | 100.9# |       |
| 182     | 3.3   | 3.8    | 5.6#   |       |





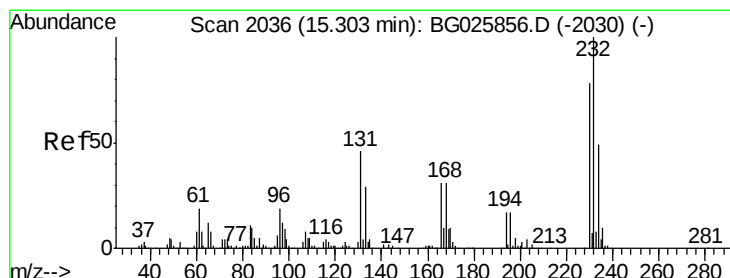
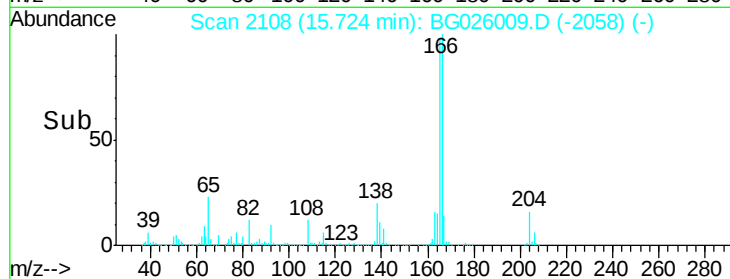
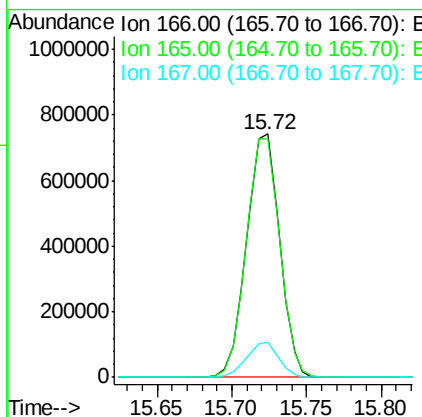
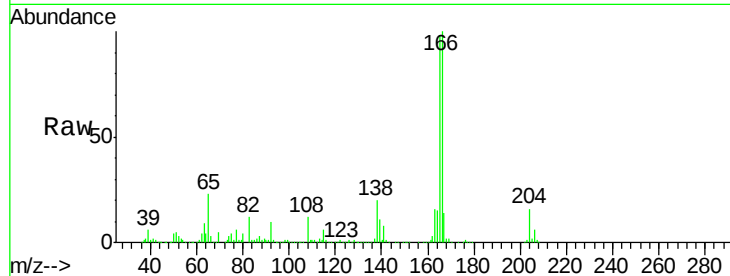
#57  
**Fluorene**  
 Concen: 40.78 ng  
 RT: 15.72 min Scan# 2108  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.9  | 78.6  | 117.8 |
| 167     | 14.3  | 11.6  | 17.4  |

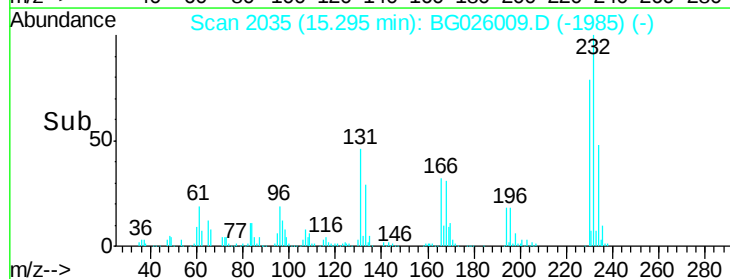
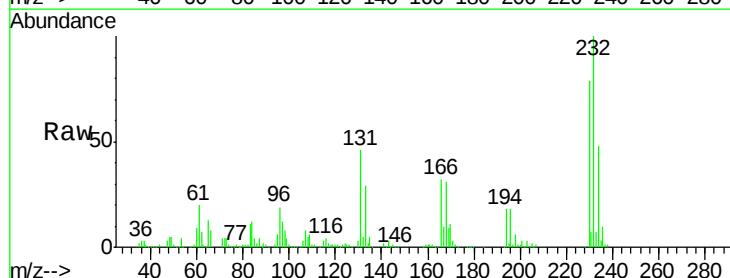
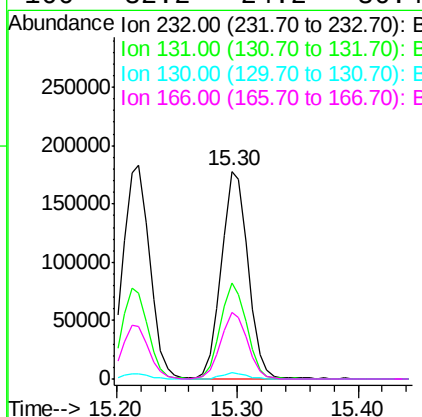
Manual Integrations  
 APPROVED

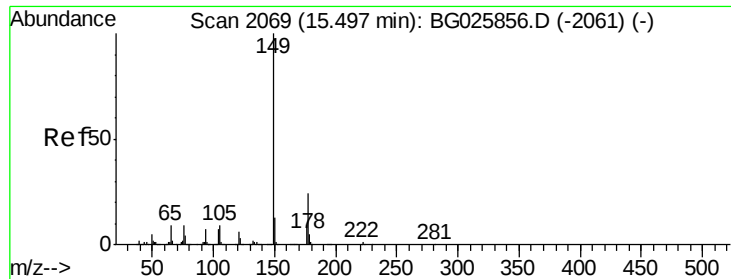
mohammad  
 3/1/2017 3:07:18 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 44.03 ng  
 RT: 15.30 min Scan# 2035  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.0  | 34.9  | 52.3  |
| 130     | 2.6   | 2.3   | 3.5   |
| 166     | 32.2  | 24.2  | 36.4  |





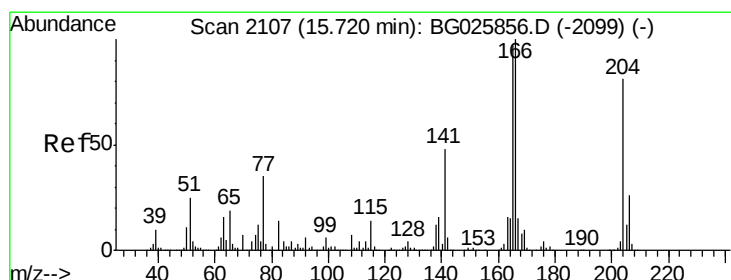
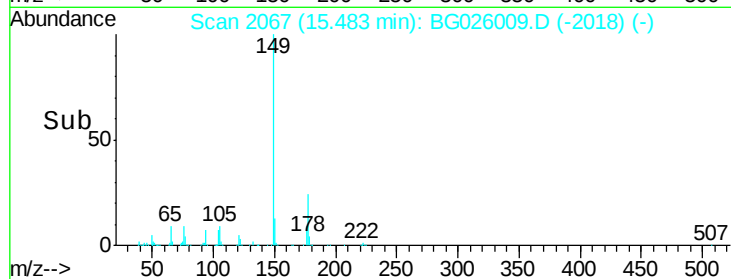
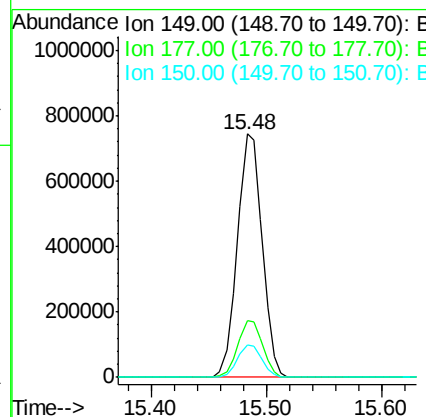
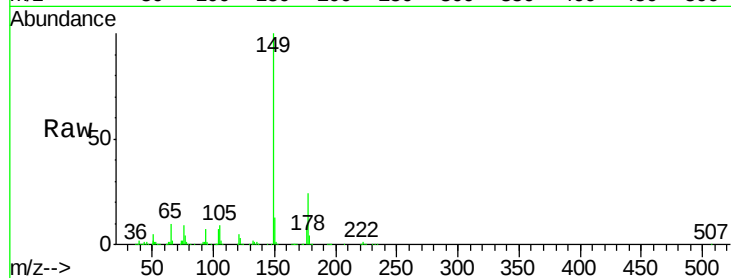
#59  
Diethylphthalate  
Concen: 41.01 ng  
RT: 15.48 min Scan# 2067  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.5  | 20.1  | 30.1  |
| 150     | 13.4  | 10.2  | 15.2  |

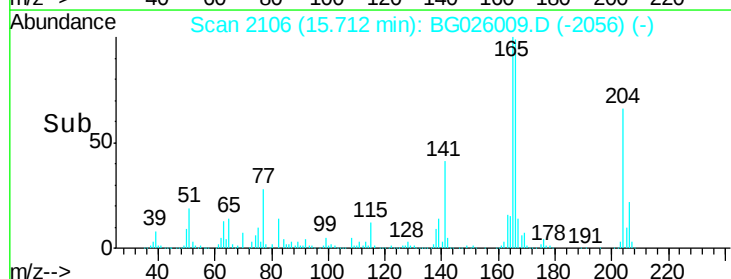
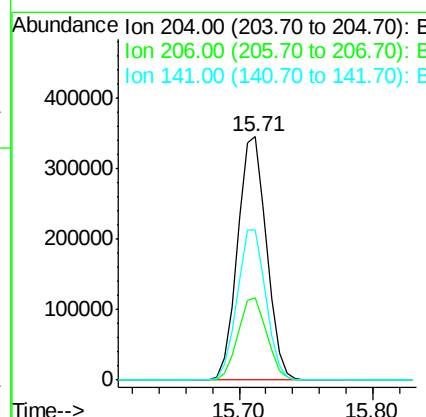
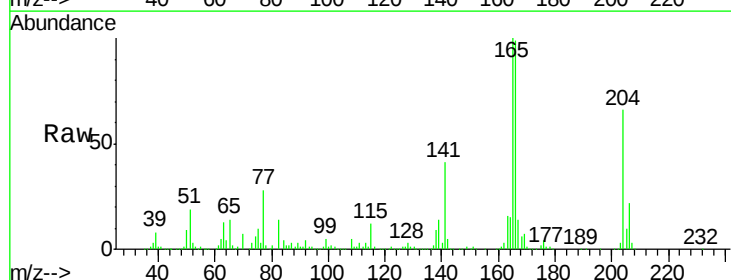
Manual Integrations  
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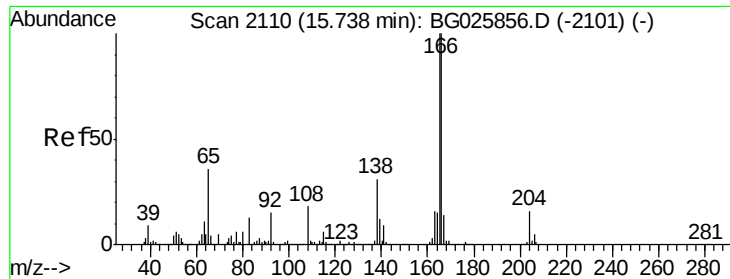
mohammad  
3/1/2017 3:07:18 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 40.19 ng  
RT: 15.71 min Scan# 2106  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.6  | 30.1  | 45.1  |
| 141     | 61.7  | 50.6  | 76.0  |





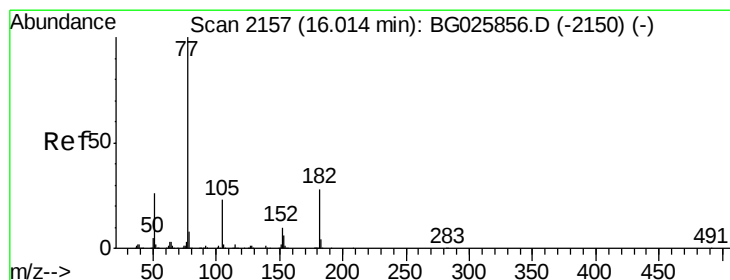
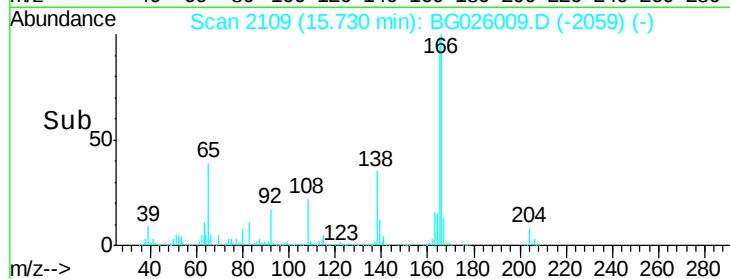
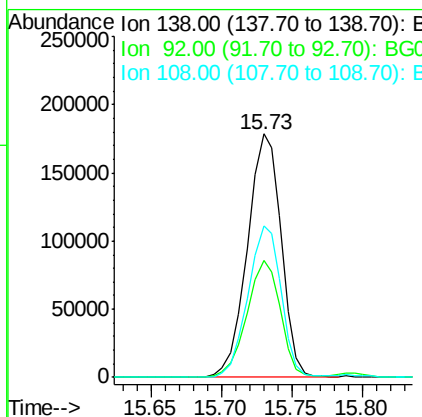
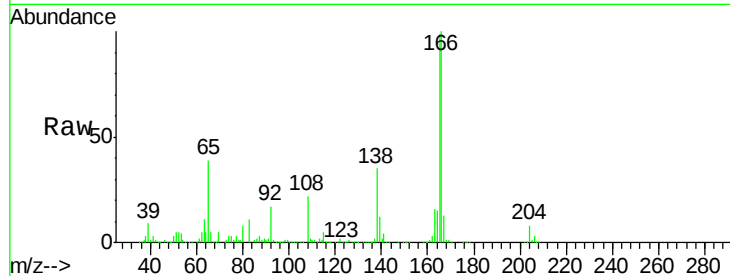
#61  
4-Nitroaniline  
Concen: 44.35 ng  
RT: 15.73 min Scan# 2109  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 48.0  | 44.2  | 84.2   |
| 108     | 62.2  | 104.8 | 144.8# |

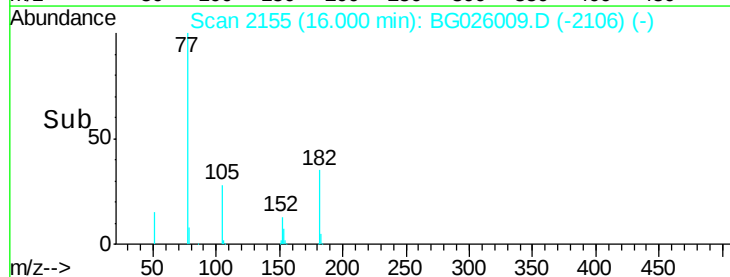
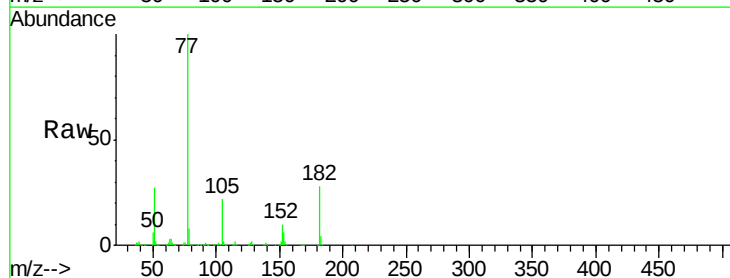
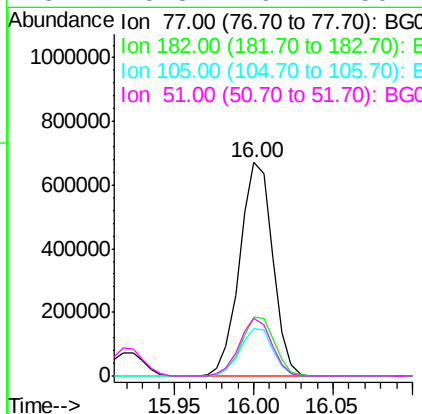
Manual Integrations  
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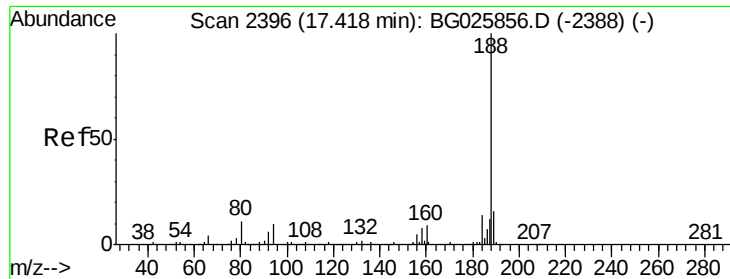
mohammad  
3/1/2017 3:07:18 PM



#62  
Azobenzene  
Concen: 41.85 ng  
RT: 16.00 min Scan# 2155  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.7  | 4.7   | 44.7  |
| 105     | 22.2  | 0.0   | 36.3  |
| 51      | 26.8  | 16.4  | 56.4  |





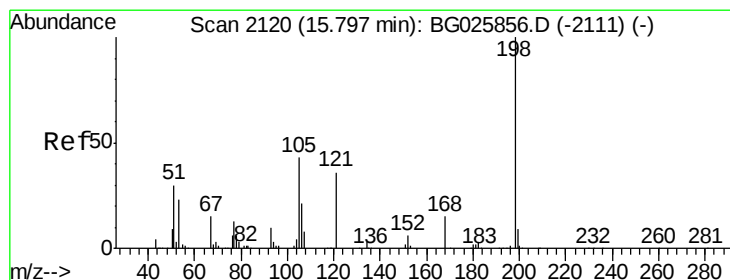
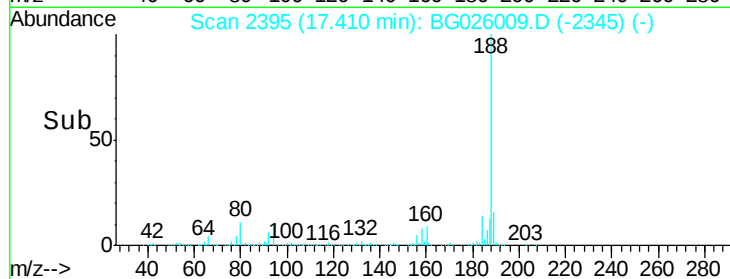
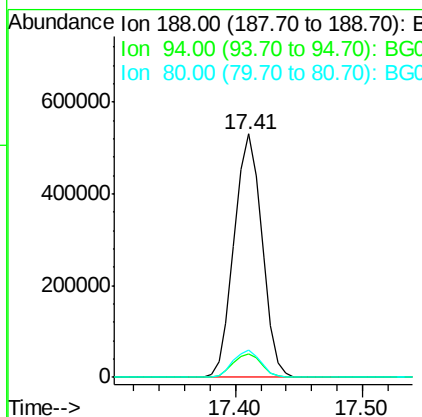
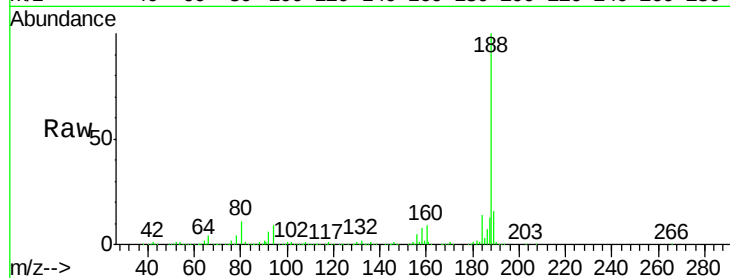
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.41 min Scan# 2395  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 805599 |       |       |
| 94      | 9.5   | 5.8    | 8.8#  |       |
| 80      | 11.1  | 7.5    | 11.3  |       |

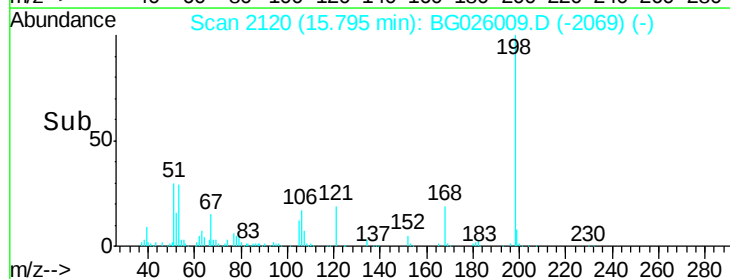
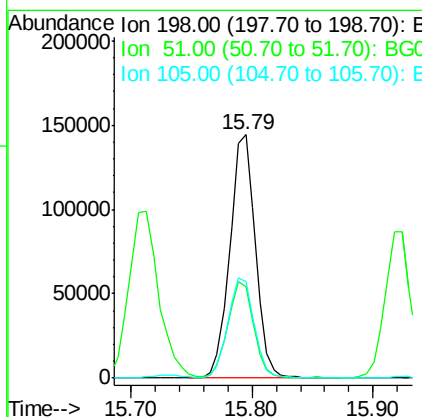
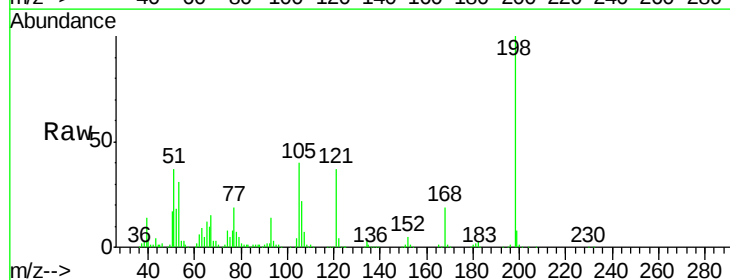
Manual Integrations  
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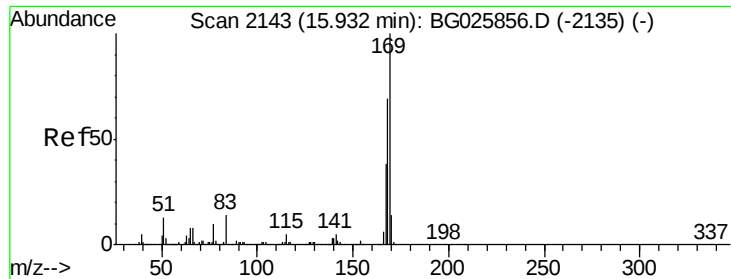
mohammad  
3/1/2017 3:07:18 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.12 ng  
RT: 15.79 min Scan# 2120  
Delta R.T. -0.00 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 212735 |       |       |
| 51      | 37.4  | 22.6   | 62.6  |       |
| 105     | 39.8  | 14.4   | 54.4  |       |





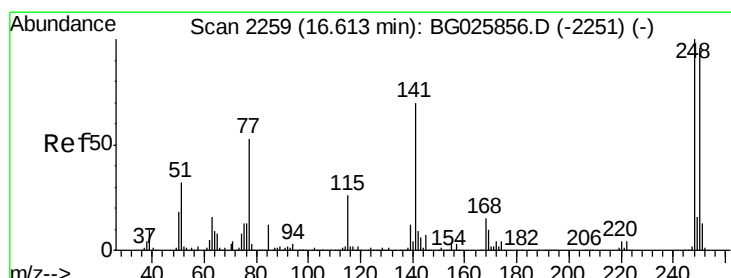
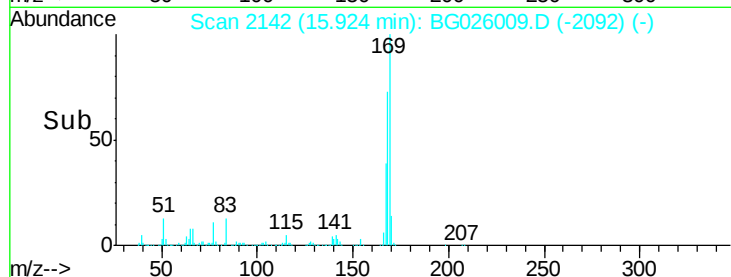
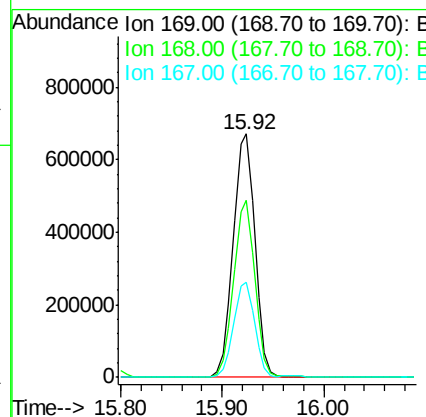
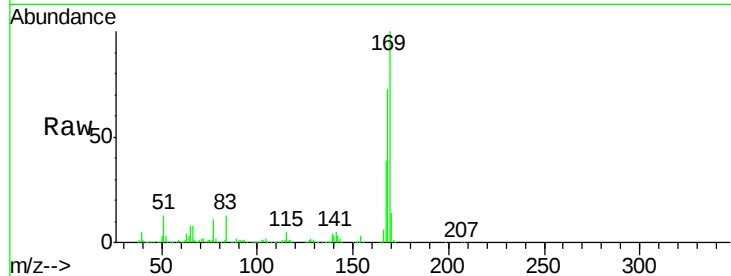
#65  
n-Nitrosodiphenylamine  
Concen: 40.84 ng  
RT: 15.92 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 997715 |       |       |
| 168     | 72.5  |        | 55.7  | 83.5  |
| 167     | 39.1  |        | 29.8  | 44.6  |

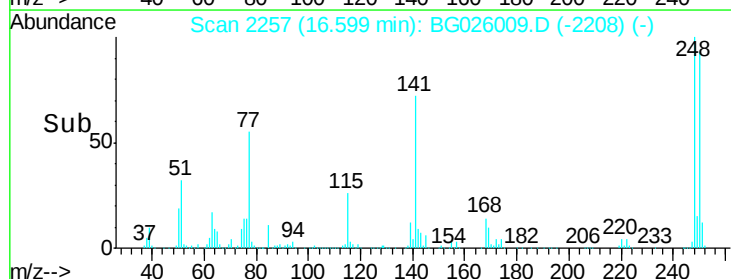
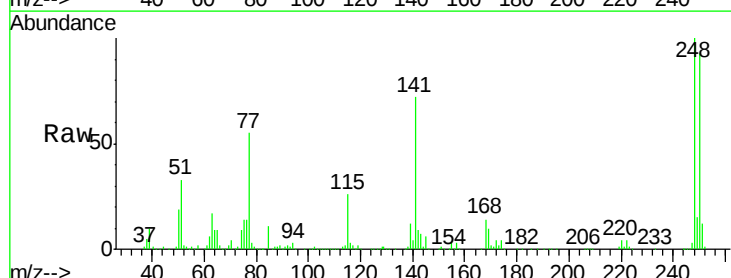
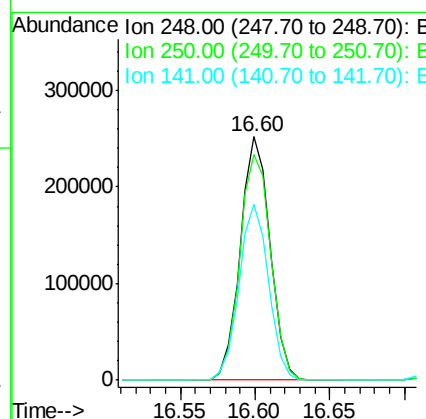
Manual Integrations  
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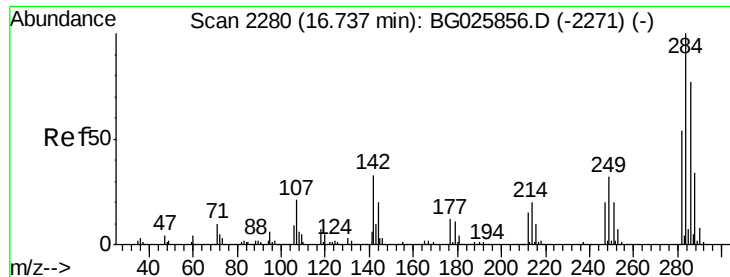
mohammad  
3/1/2017 3:07:18 PM



#66  
4-Bromophenyl-phenylether  
Concen: 41.22 ng  
RT: 16.60 min Scan# 2257  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 348012 |       |       |
| 250     | 92.6  |        | 75.0  | 112.6 |
| 141     | 72.2  |        | 55.2  | 82.8  |





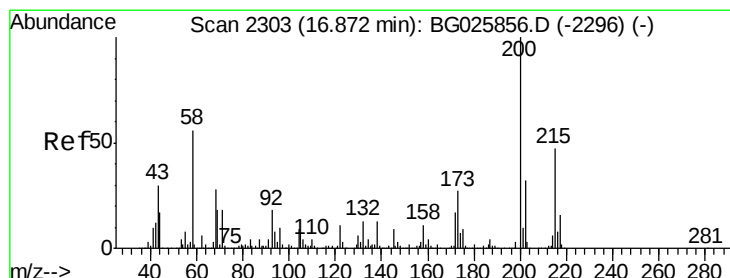
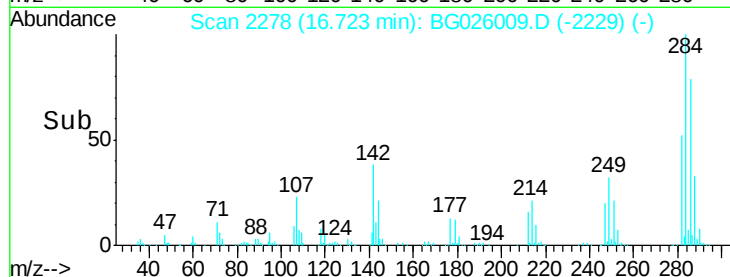
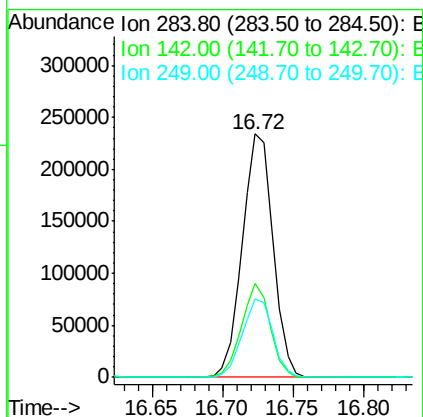
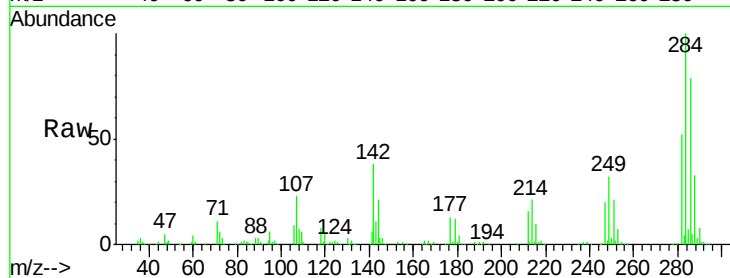
#67  
Hexachlorobenzene  
Concen: 40.96 ng  
RT: 16.72 min Scan# 2278  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 38.3  | 29.9       | 44.9       |
| 249     | 32.3  | 29.2       | 43.8       |

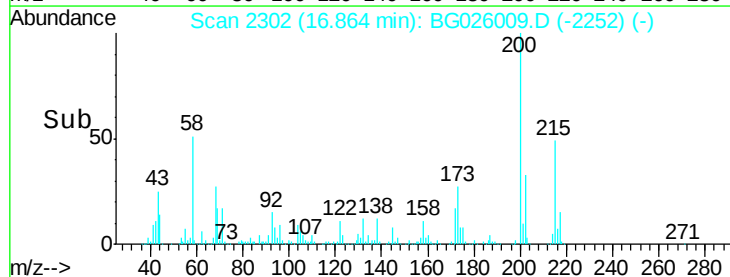
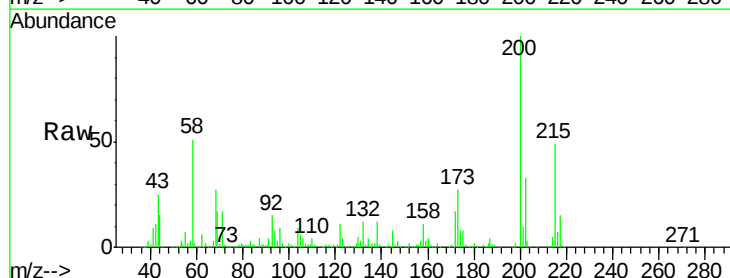
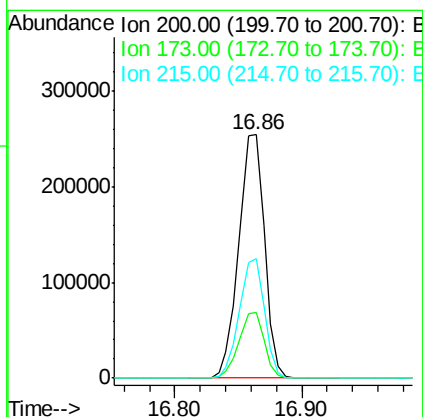
Manual Integrations  
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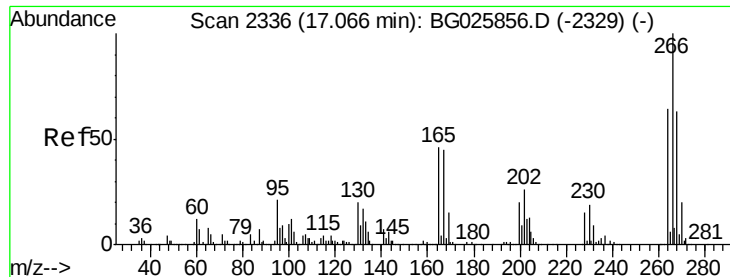
mohammad  
3/1/2017 3:07:18 PM



#68  
Atrazine  
Concen: 41.43 ng  
RT: 16.86 min Scan# 2302  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 26.8  | 3.0        | 43.0       |
| 215     | 49.0  | 28.4       | 68.4       |





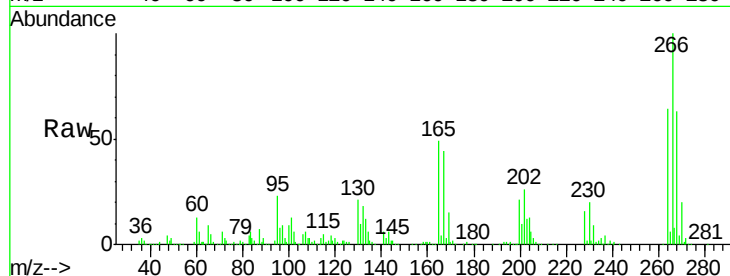
#69  
 Pentachlorophenol  
 Concen: 43.54 ng  
 RT: 17.06 min Scan# 2335  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

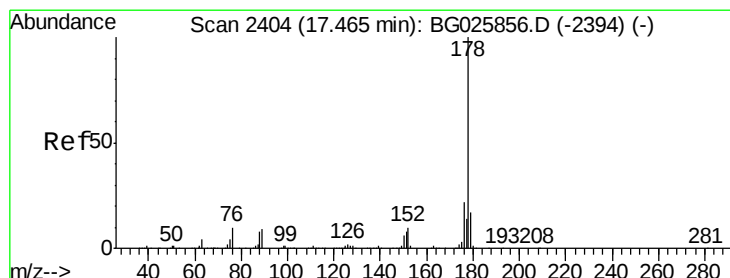
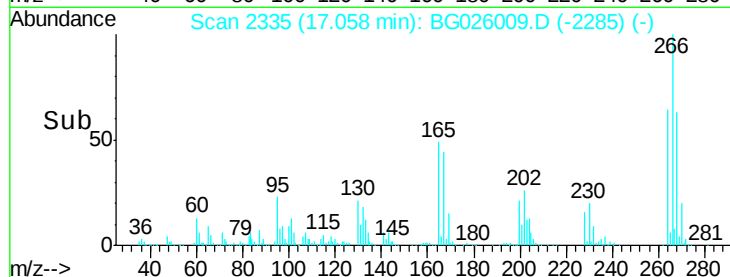
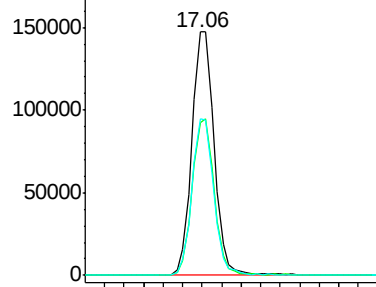
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 233703 |       |       |
| 268     | 62.6  | 48.6   | 72.8  |       |
| 264     | 64.1  | 50.1   | 75.1  |       |

Manual Integrations  
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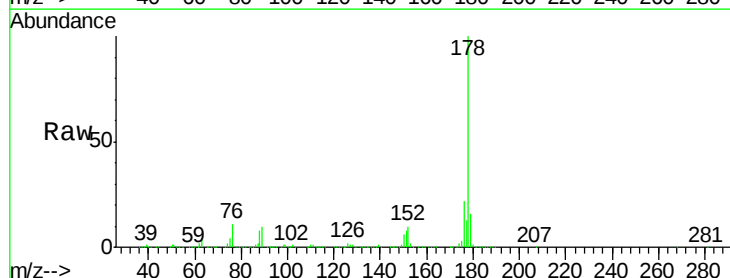


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

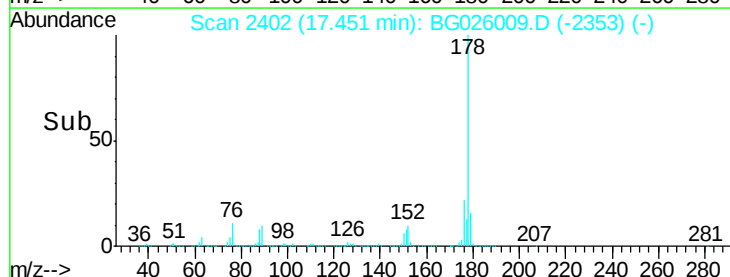
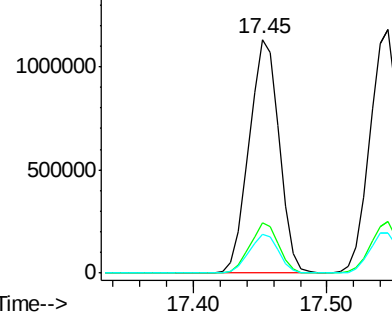


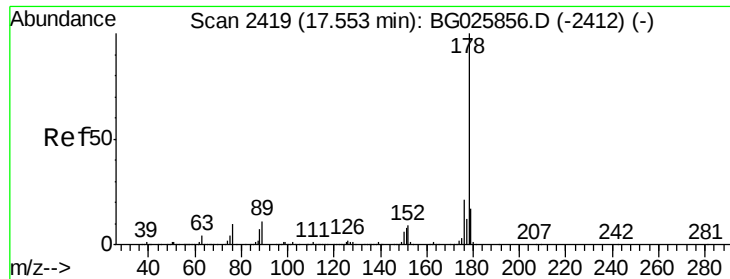
#70  
 Phenanthrene  
 Concen: 40.39 ng  
 RT: 17.45 min Scan# 2402  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1766462 |       |       |
| 176     | 21.7  | 17.7    | 26.5  |       |
| 179     | 16.4  | 15.0    | 22.6  |       |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





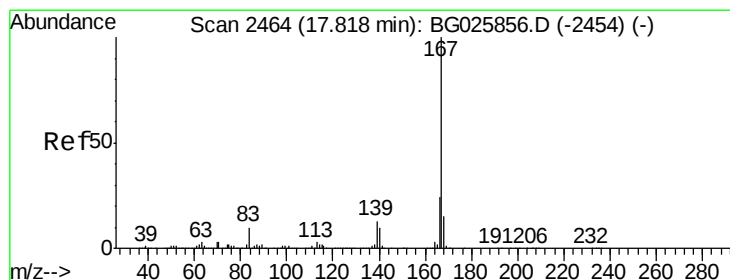
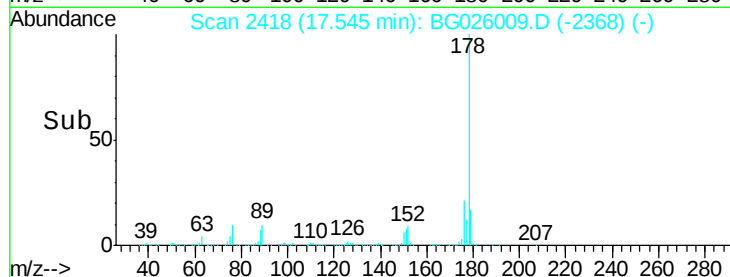
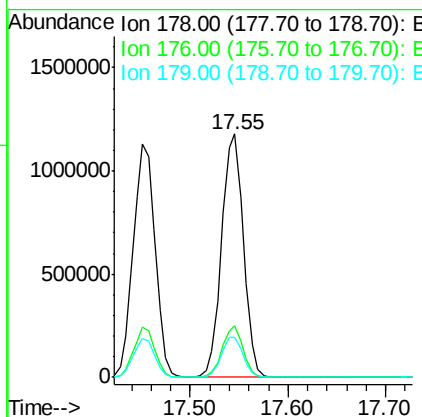
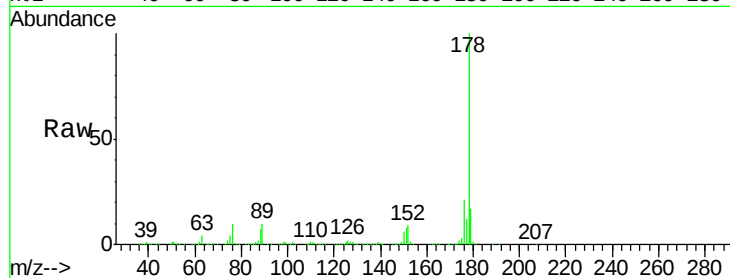
#71  
 Anthracene  
 Concen: 40.88 ng  
 RT: 17.55 min Scan# 2418  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:178 Resp: 1822393  
 Ion Ratio Lower Upper  
 178 100  
 176 21.2 16.4 24.6  
 179 16.6 13.8 20.8

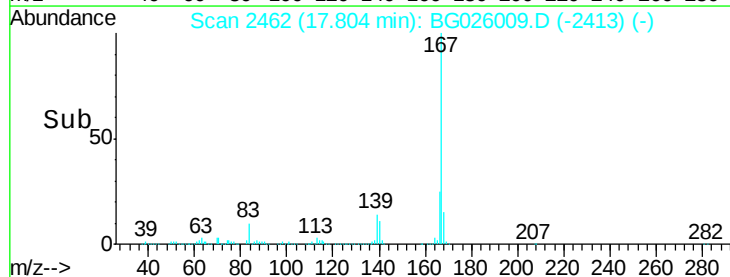
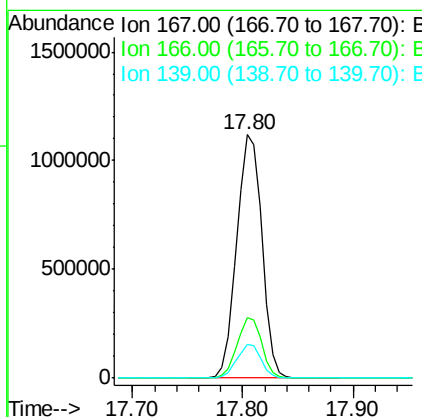
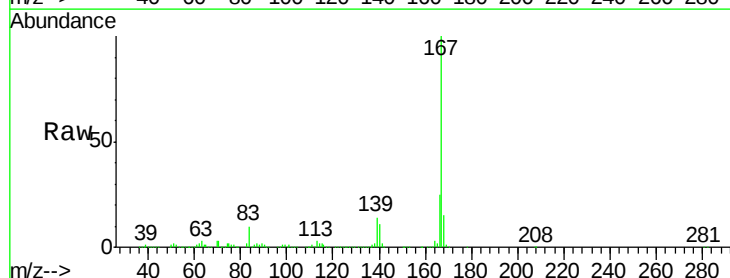
Manual Integrations  
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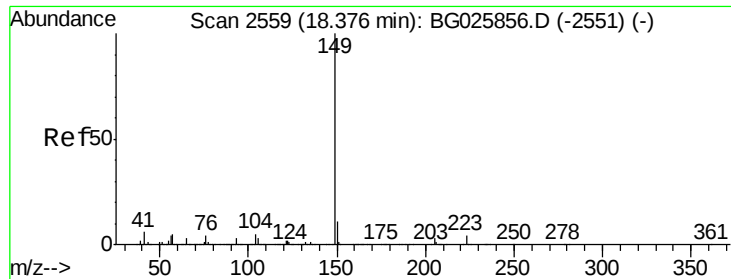
mohammad  
 3/1/2017 3:07:18 PM



#72  
 Carbazole  
 Concen: 40.18 ng  
 RT: 17.80 min Scan# 2462  
 Delta R.T. -0.01 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Tgt Ion:167 Resp: 1799447  
 Ion Ratio Lower Upper  
 167 100  
 166 25.0 20.2 30.2  
 139 13.7 12.8 19.2





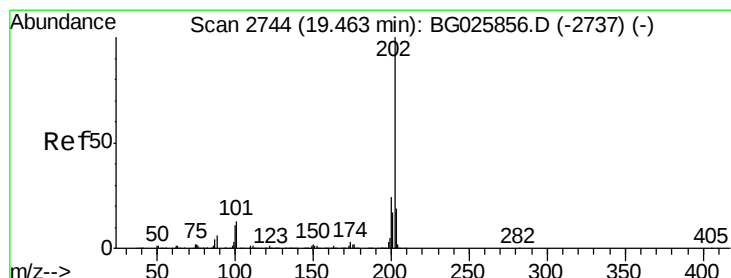
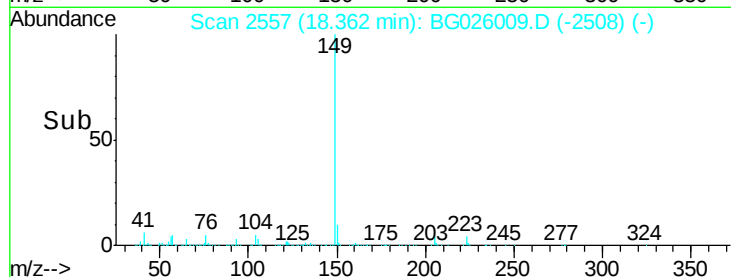
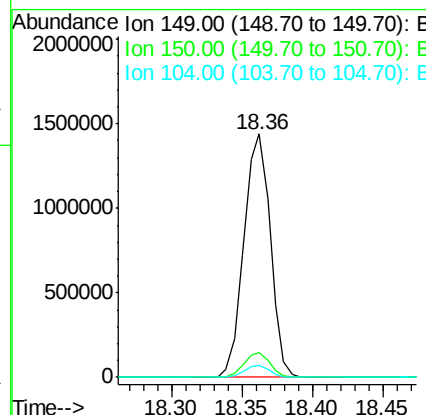
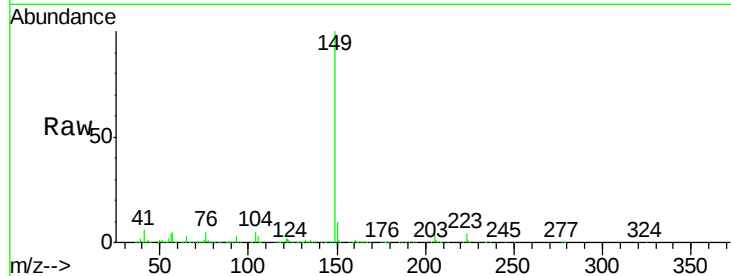
#73  
Di-n-butylphthalate  
Concen: 42.78 ng  
RT: 18.36 min Scan# 2557  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

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

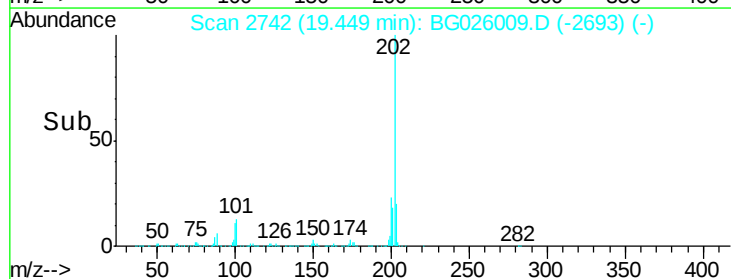
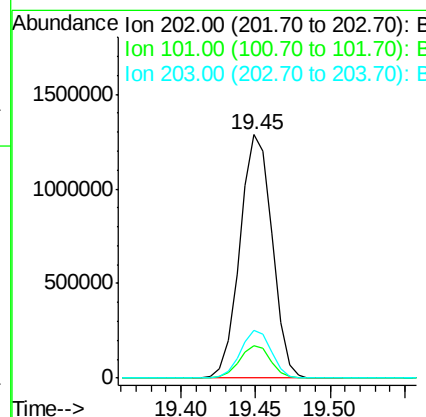
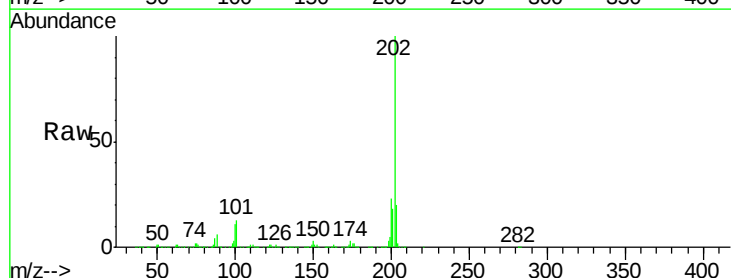
Manual Integrations  
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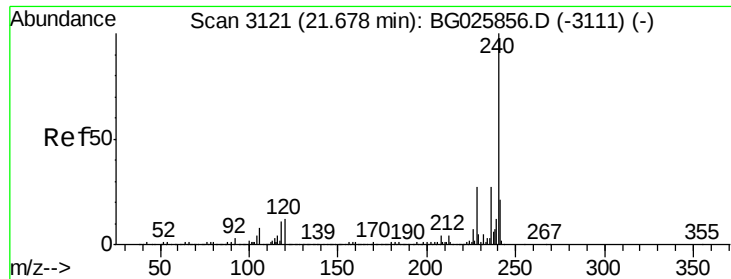
mohammad  
3/1/2017 3:07:18 PM



#74  
Fluoranthene  
Concen: 39.94 ng  
RT: 19.45 min Scan# 2742  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.3  | 0.0   | 30.1  |
| 203     | 19.6  | 1.3   | 41.3  |





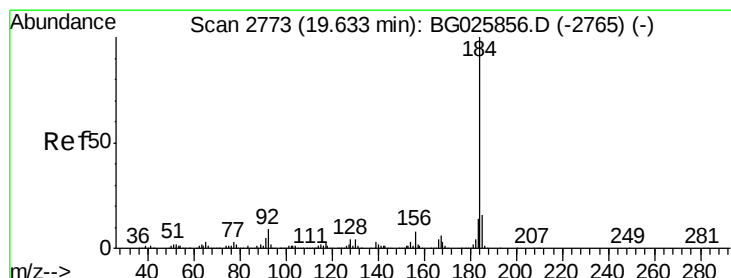
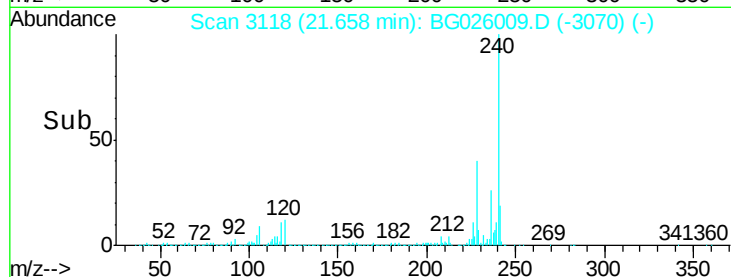
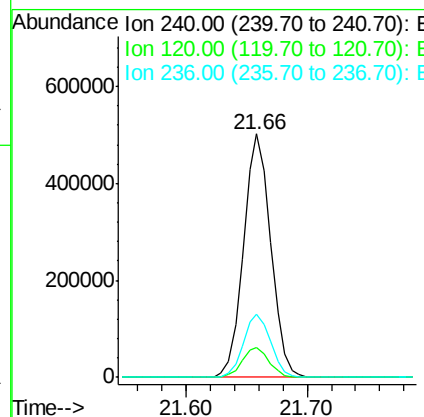
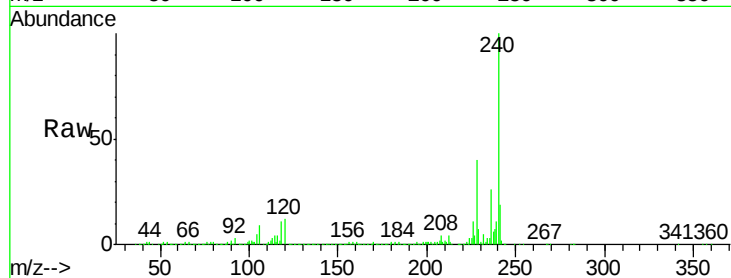
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.66 min Scan# 3118  
Delta R.T. -0.02 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.1  | 5.7   | 8.5#  |
| 236     | 26.0  | 22.2  | 33.4  |

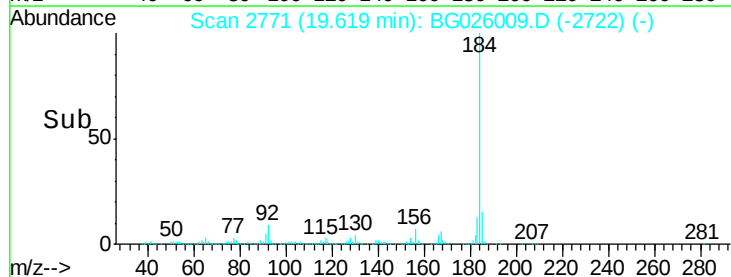
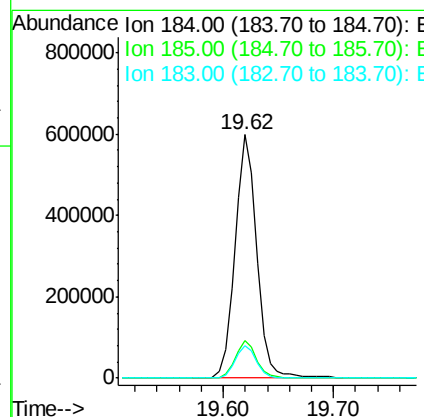
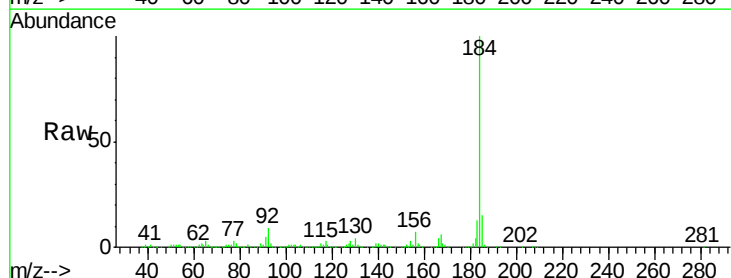
Manual Integrations  
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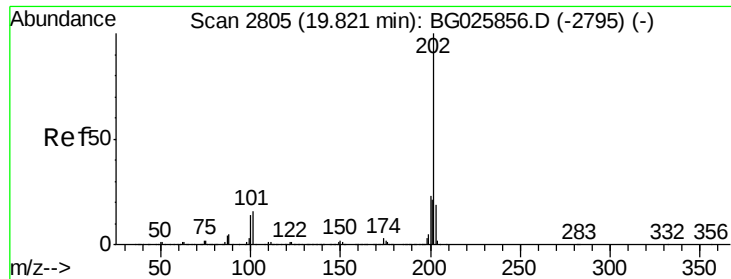
mohammad  
3/1/2017 3:07:18 PM



#76  
Benzidine  
Concen: 33.25 ng  
RT: 19.62 min Scan# 2771  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.2  | 13.0  | 19.6  |
| 183     | 13.3  | 11.0  | 16.6  |





#77

Pyrene

Concen: 39.34 ng

RT: 19.81 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

Instrument :

BNA\_G

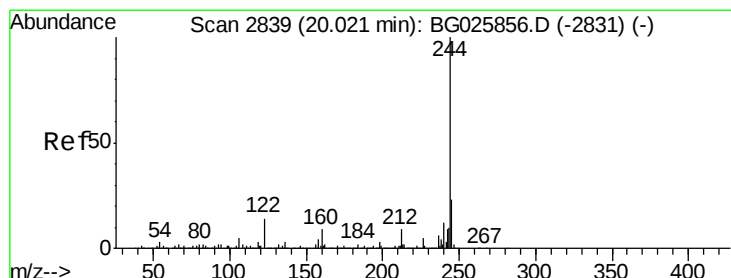
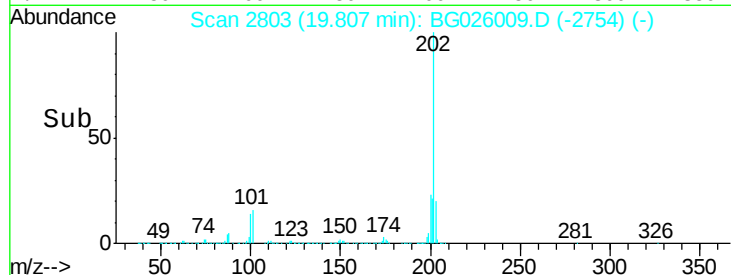
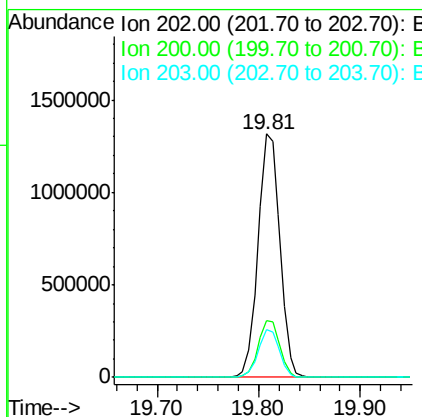
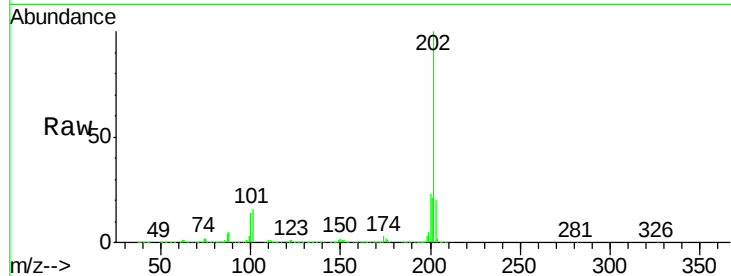
ClientSampleId :

SSTDCCC040EC

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 202   | Resp: | 1963603 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 23.4  | 19.6  | 29.4    |
| 203      | 19.6  | 15.8  | 23.8    |

Manual Integrations  
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#78

Terphenyl-d14

Concen: 77.35 ng

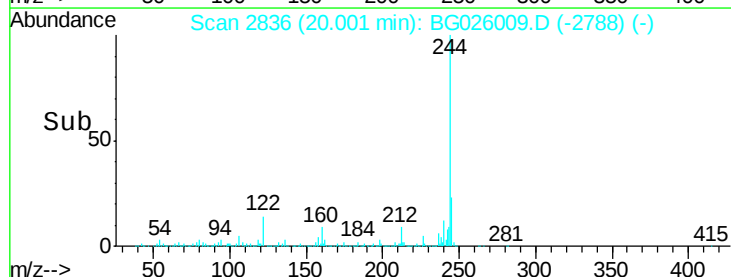
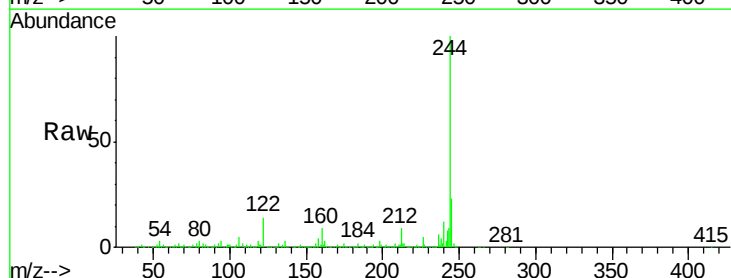
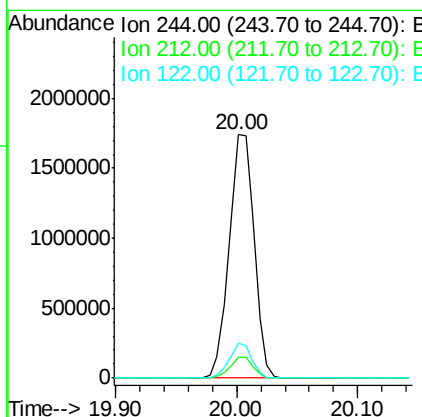
RT: 20.00 min Scan# 2836

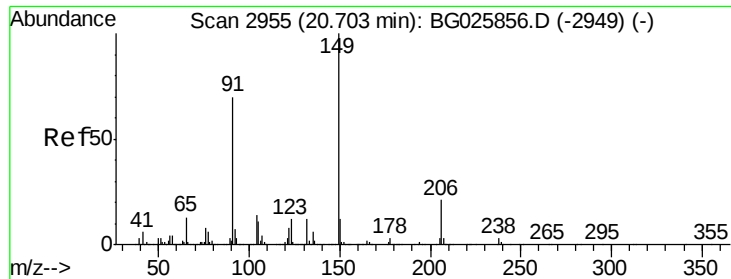
Delta R.T. -0.02 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 2510078 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 8.8   | 10.0  | 15.0#   |
| 122      | 14.4  | 8.6   | 12.8#   |





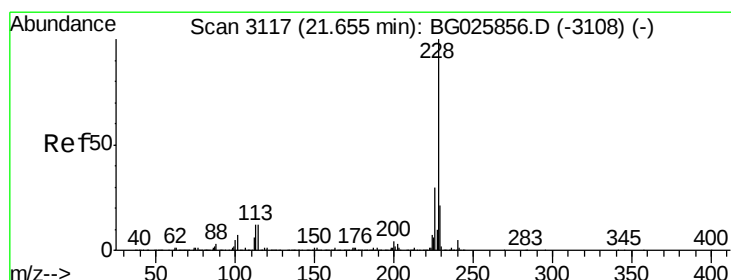
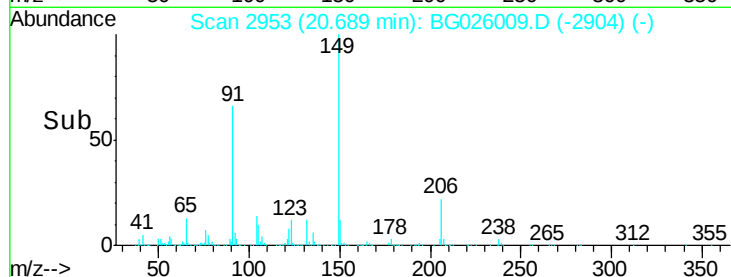
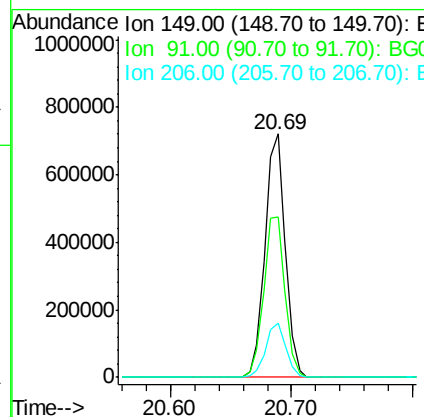
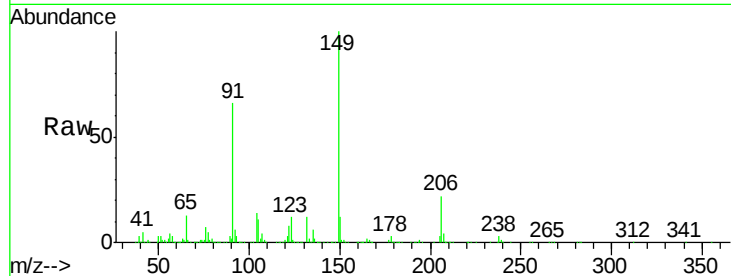
#79  
Butylbenzylphthalate  
Concen: 44.50 ng  
RT: 20.69 min Scan# 2953  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 842963 |       |       |
| 91      | 66.1  | 63.5   | 95.3  |       |
| 206     | 22.0  | 21.0   | 31.6  |       |

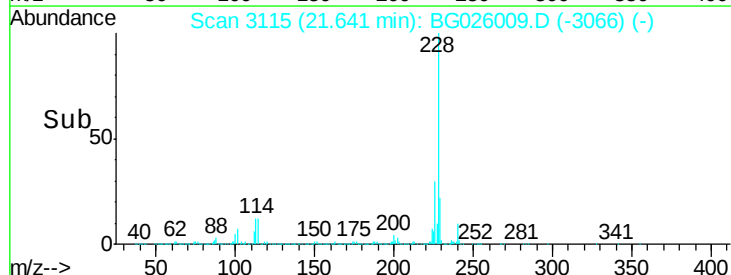
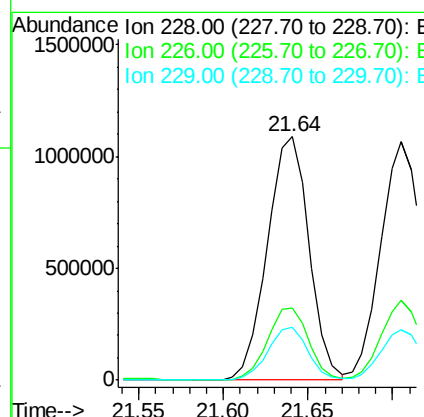
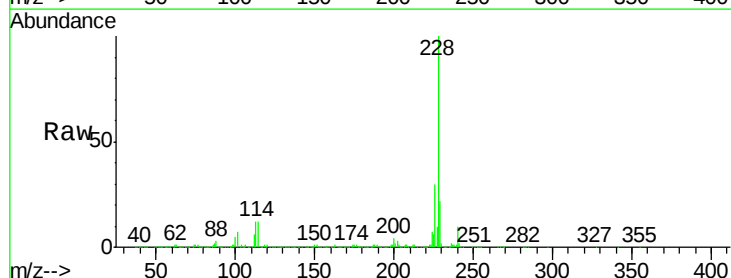
Manual Integrations  
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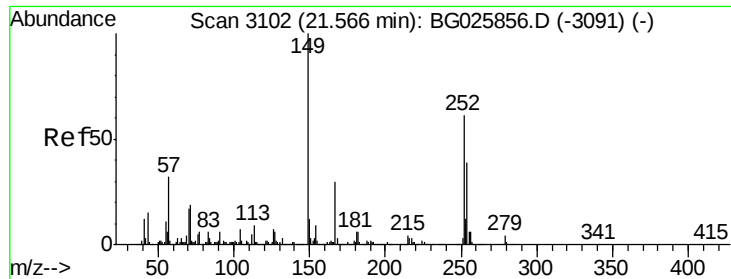
mohammad  
3/1/2017 3:07:18 PM



#80  
Benzo(a)anthracene  
Concen: 40.52 ng  
RT: 21.64 min Scan# 3115  
Delta R.T. -0.01 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1867479 |       |       |
| 226     | 29.8  | 24.9    | 37.3  |       |
| 229     | 21.7  | 18.2    | 27.2  |       |





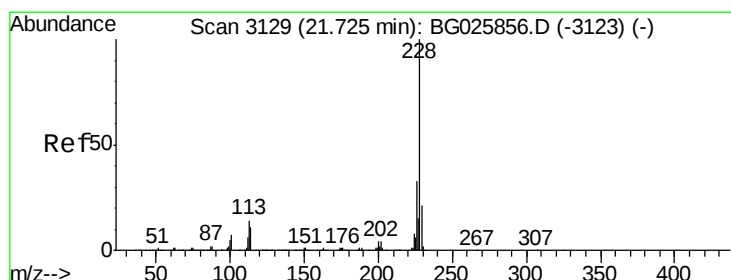
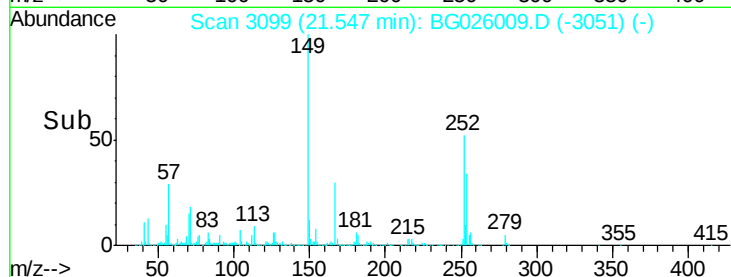
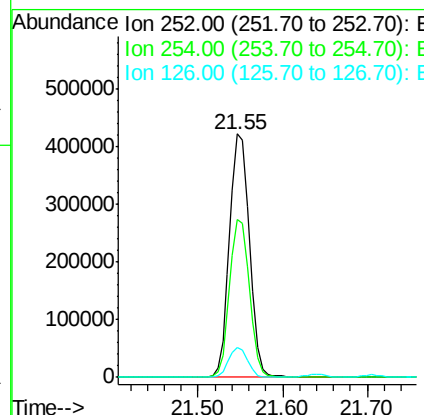
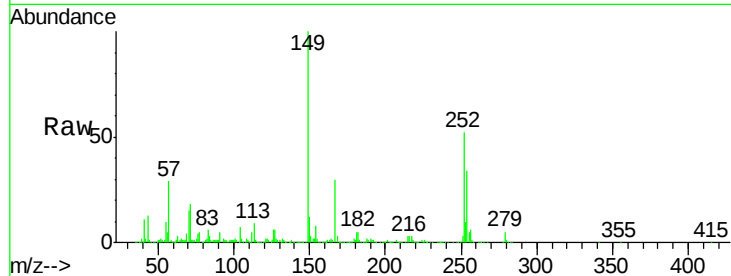
#81  
 3,3'-Dichlorobenzidine  
 Concen: 42.13 ng  
 RT: 21.55 min Scan# 3099  
 Delta R.T. -0.02 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.8  | 53.1  | 79.7  |
| 126     | 12.1  | 7.0   | 10.4  |

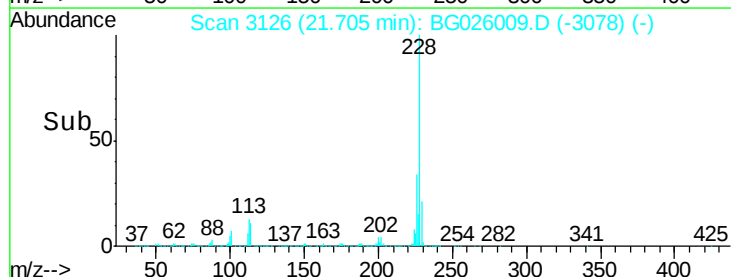
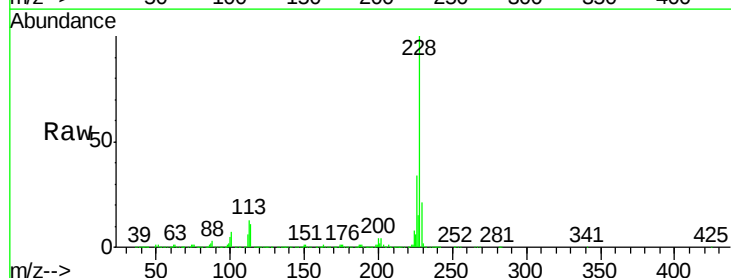
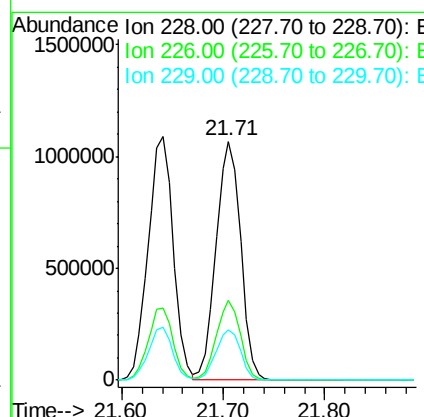
Manual Integrations  
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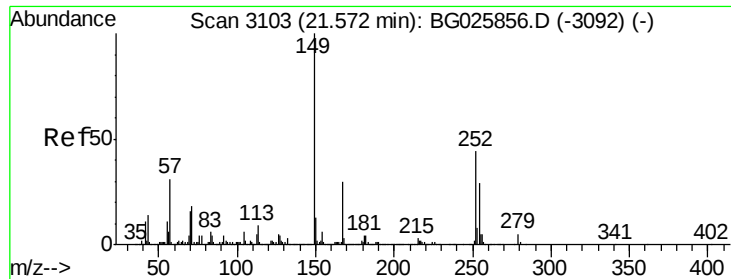
mohammad  
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#82  
 Chrysene  
 Concen: 40.53 ng  
 RT: 21.71 min Scan# 3126  
 Delta R.T. -0.02 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 33.5  | 27.0  | 40.4  |
| 229     | 21.2  | 17.8  | 26.6  |





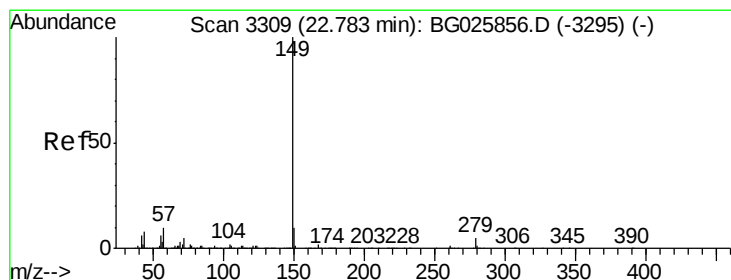
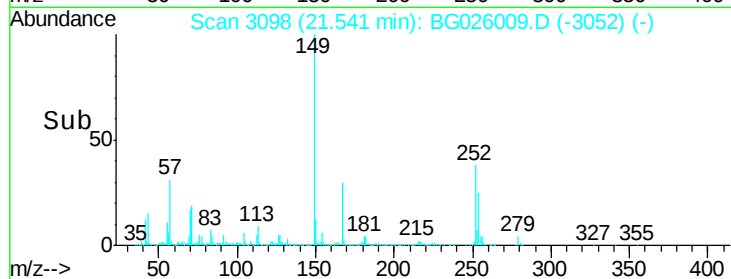
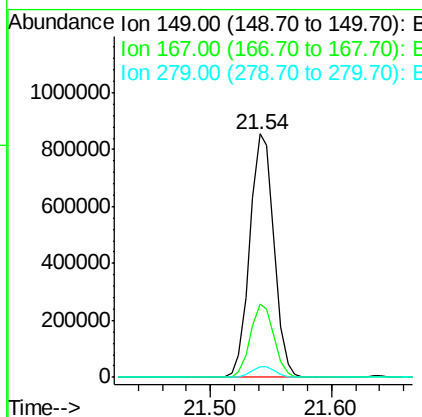
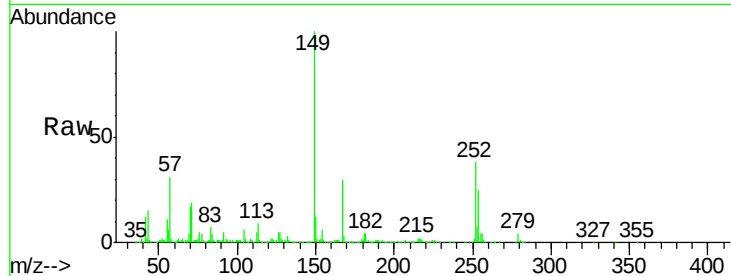
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.57 ng  
 RT: 21.54 min Scan# 3098  
 Delta R.T. -0.03 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:149 Resp: 1191807  
 Ion Ratio Lower Upper  
 149 100  
 167 30.2 23.7 35.5  
 279 4.4 4.6 6.8#

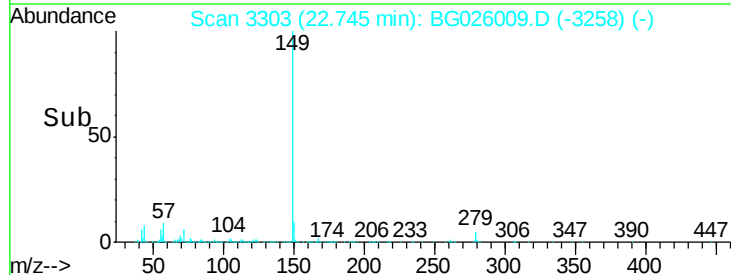
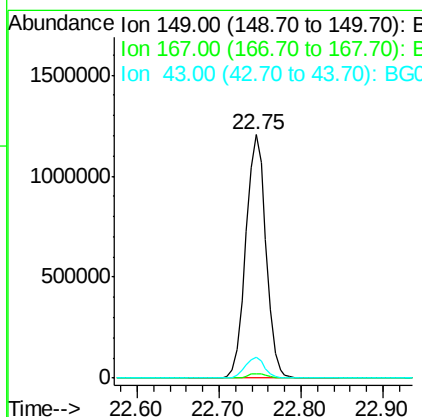
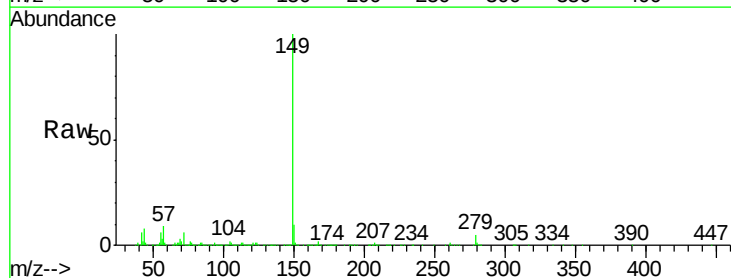
Manual Integrations  
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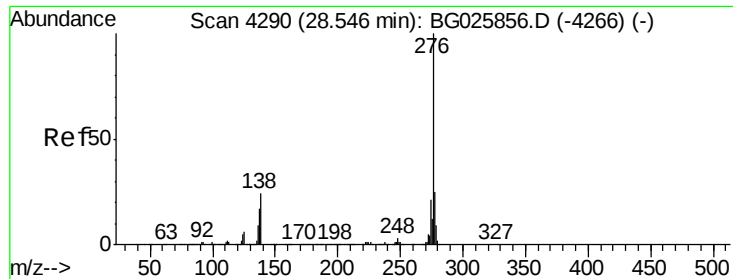
mohammad  
 3/1/2017 3:07:18 PM



#84  
 Di-n-octyl phthalate  
 Concen: 45.46 ng  
 RT: 22.75 min Scan# 3303  
 Delta R.T. -0.04 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Tgt Ion:149 Resp: 2053678  
 Ion Ratio Lower Upper  
 149 100  
 167 1.7 1.4 2.2  
 43 8.3 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.30 ng

RT: 28.51 min Scan# 4284

Delta R.T. -0.04 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 2208033

Ion Ratio Lower Upper

276 100

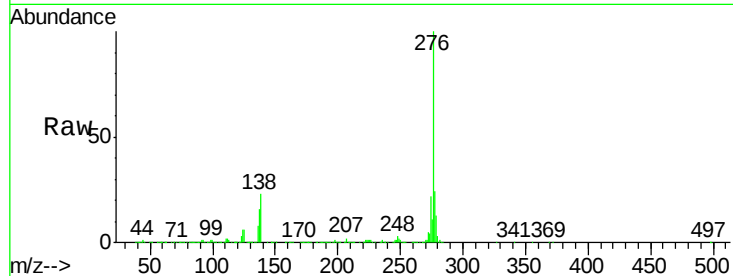
138 28.2 4.7 7.1#

277 26.1 20.6 31.0

Manual Integrations  
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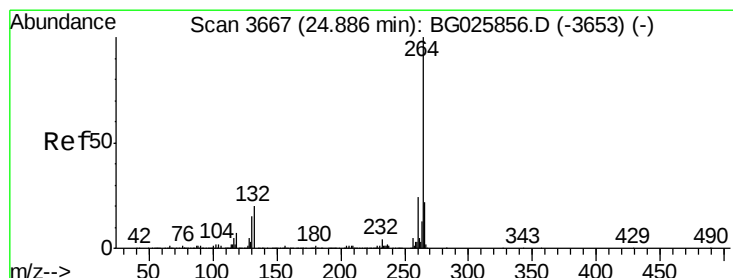
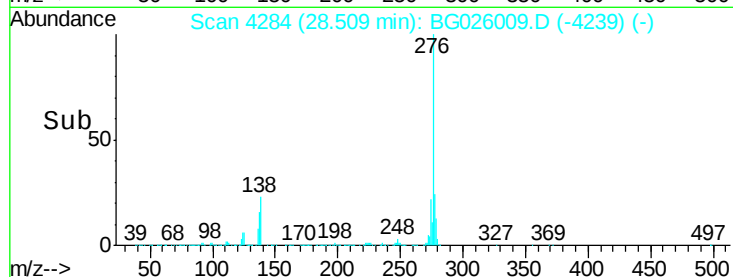
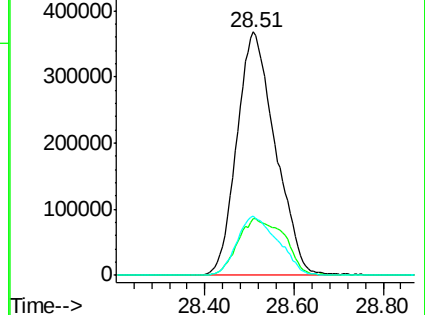
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

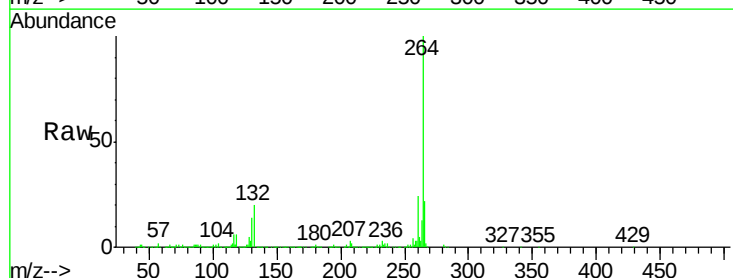
Tgt Ion:264 Resp: 794396

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

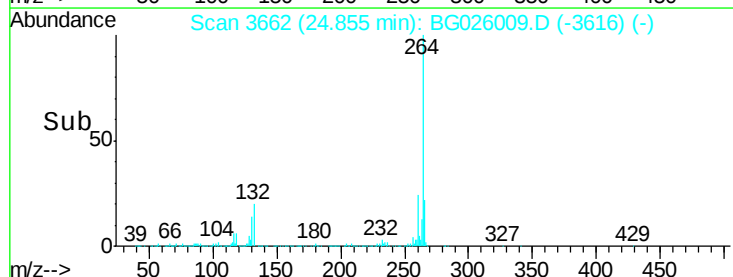
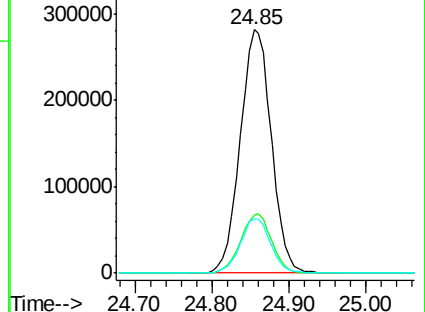
265 22.3 18.2 27.4

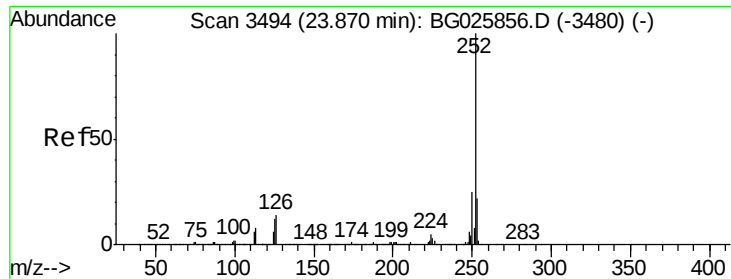


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.06 ng

RT: 23.84 min Scan# 3490

Delta R.T. -0.03 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:252 Resp: 1953372

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

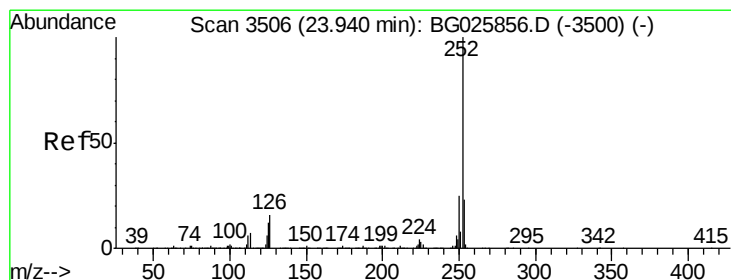
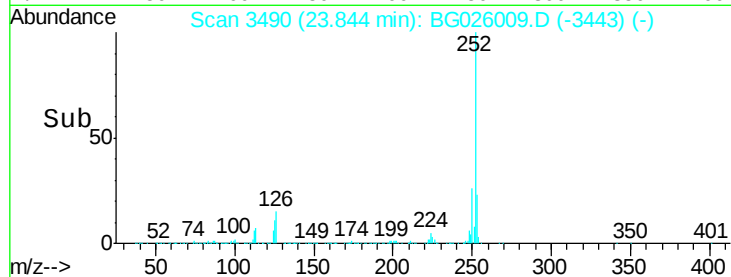
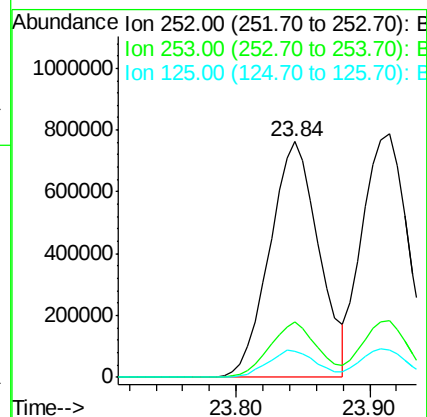
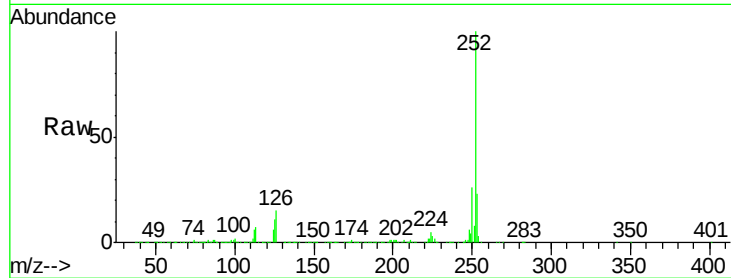
125 11.3 5.3 7.9#

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#88

Benzo(k)fluoranthene

Concen: 40.27 ng

RT: 23.91 min Scan# 3502

Delta R.T. -0.03 min

Lab File: BG026009.D

Acq: 28 Feb 2017 22:57

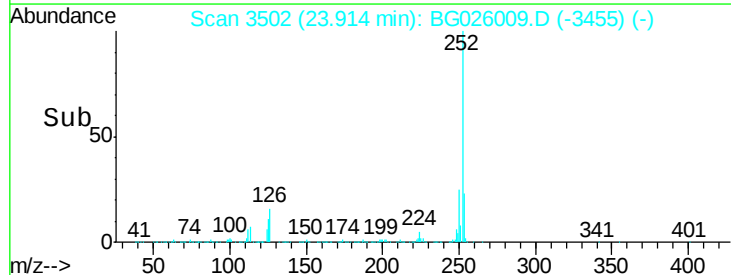
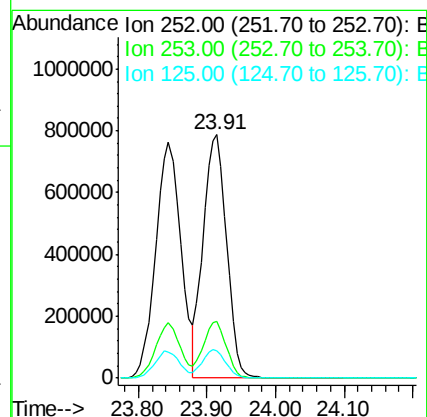
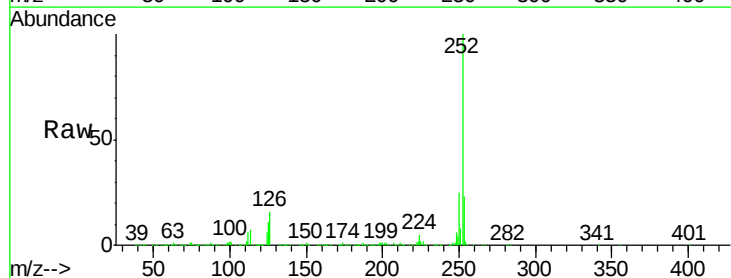
Tgt Ion:252 Resp: 1869512

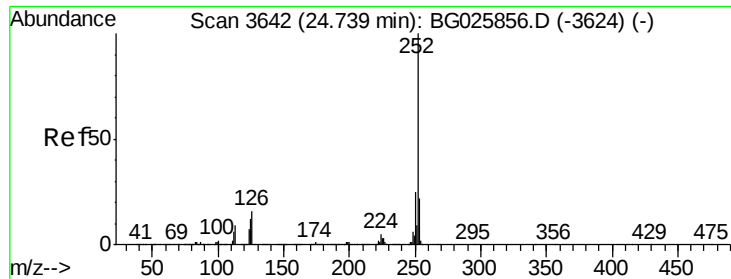
Ion Ratio Lower Upper

252 100

253 23.5 20.2 30.2

125 11.3 5.1 7.7#





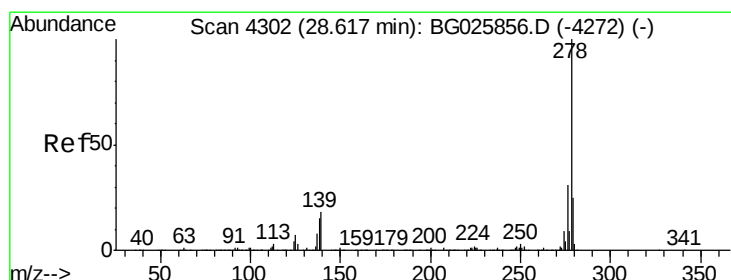
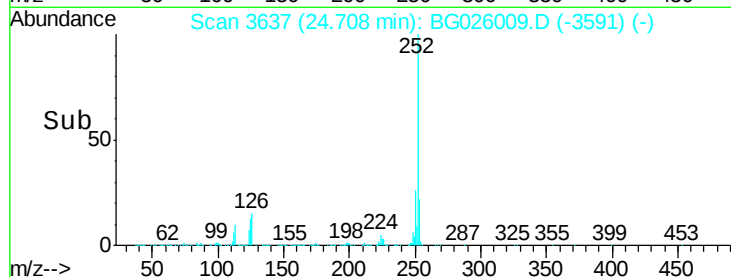
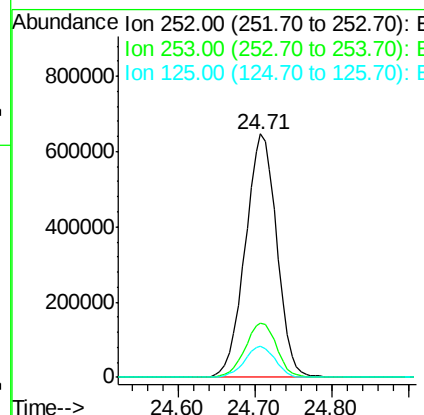
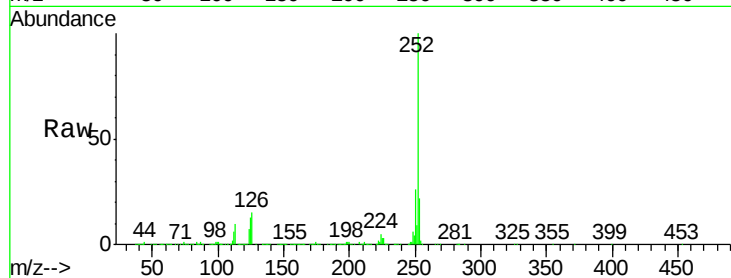
#89  
Benzo(a)pyrene  
Concen: 40.99 ng  
RT: 24.71 min Scan# 3637  
Delta R.T. -0.03 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 19.2  | 28.8  |
| 125     | 12.9  | 5.4   | 8.0   |

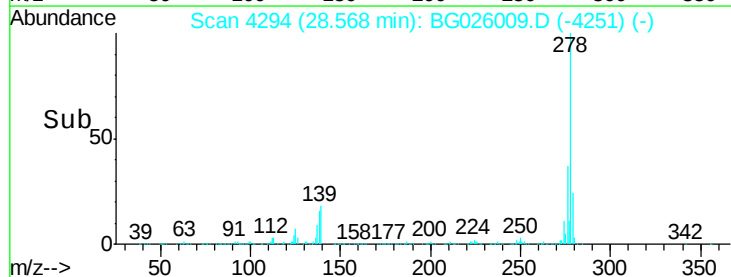
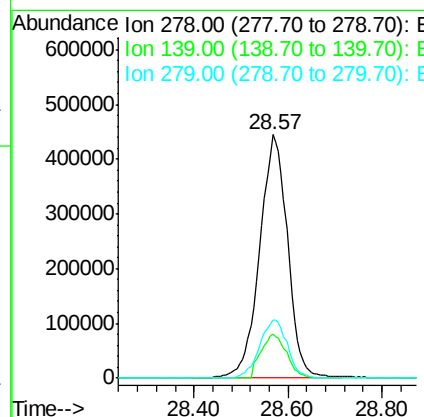
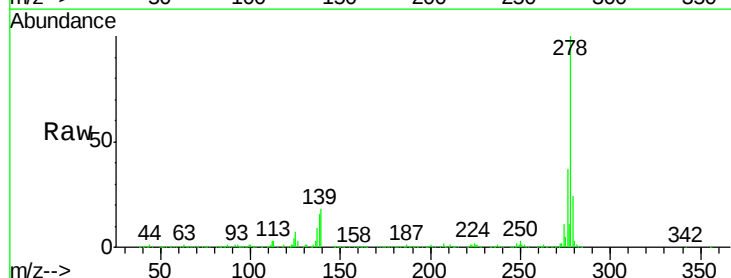
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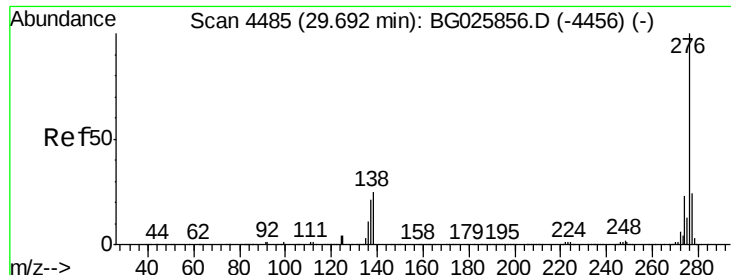
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#90  
Dibenzo(a,h)anthracene  
Concen: 40.75 ng  
RT: 28.57 min Scan# 4294  
Delta R.T. -0.05 min  
Lab File: BG026009.D  
Acq: 28 Feb 2017 22:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.0  | 7.7   | 11.5  |
| 279     | 24.1  | 19.1  | 28.7  |





#91  
 Benzo(g,h,i)perylene  
 Concen: 41.13 ng  
 RT: 29.65 min Scan# 4479  
 Delta R.T. -0.04 min  
 Lab File: BG026009.D  
 Acq: 28 Feb 2017 22:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 18.6  | 27.8  |
| 138     | 23.6  | 8.1   | 12.1  |

Manual Integrations  
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