

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\  
 Data File : BG025538.D  
 Acq On : 20 Jan 2017 14:39  
 Operator : UM/SJ  
 Sample : PB96135BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB96135BSD

Manual Integrations  
 APPROVED

mohammad  
 1/23/2017 4:59:31 PM

Quant Time: Jan 21 00:27:11 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 10 11:26:22 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 63112    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 11.00 | 136  | 261692   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 14.81 | 164  | 214181   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.55 | 188  | 498370   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 21.84 | 240  | 736481   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 25.22 | 264  | 774931   | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.72  | 112 | 482385  | 138.93 | ng | -0.02 |
| 7) Phenol-d6             | 7.34  | 99  | 696596  | 142.45 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.36  | 82  | 509550  | 86.02  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.30 | 330 | 425844  | 123.50 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 13.43 | 172 | 1088480 | 82.28  | ng | -0.02 |
| 78) Terphenyl-d14        | 20.13 | 244 | 2173742 | 78.26  | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88  | 47771  | 32.25  | ng | 94     |
| 3) Pyridine                    | 3.96  | 79  | 145100 | 33.79  | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.88  | 42  | 106065 | 41.61  | ng | # 90   |
| 6) Aniline                     | 7.50  | 93  | 150361 | 22.69  | ng | 91     |
| 8) 2-Chlorophenol              | 7.74  | 128 | 168452 | 43.01  | ng | 91     |
| 9) Benzaldehyde                | 7.32  | 77  | 155726 | 43.52  | ng | 95     |
| 10) Phenol                     | 7.37  | 94  | 249089 | 45.95  | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.59  | 93  | 165474 | 39.61  | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146 | 183331 | 38.68  | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.21  | 146 | 189713 | 38.62  | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.54  | 146 | 180103 | 38.42  | ng | 94     |
| 15) Benzyl Alcohol             | 8.42  | 79  | 203326 | 43.55  | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.71  | 45  | 322465 | 41.69  | ng | 96     |
| 17) 2-Methylphenol             | 8.63  | 107 | 163410 | 45.90  | ng | 98     |
| 18) Hexachloroethane           | 9.26  | 117 | 73691  | 39.06  | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.98  | 70  | 171967 | 41.63  | ng | 98     |
| 20) 3+4-Methylphenols          | 8.97  | 107 | 222405 | 45.14  | ng | 98     |
| 22) Acetophenone               | 9.01  | 105 | 299966 | 41.26  | ng | # 92   |
| 24) Nitrobenzene               | 9.41  | 77  | 261839 | 40.30  | ng | 98     |
| 25) Isophorone                 | 9.92  | 82  | 457792 | 42.68  | ng | # 95   |
| 26) 2-Nitrophenol              | 10.12 | 139 | 100046 | 40.26  | ng | # 84   |
| 27) 2,4-Dimethylphenol         | 10.17 | 122 | 188655 | 46.18  | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.39 | 93  | 249965 | 44.88  | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.66 | 162 | 203760 | 46.61  | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.86 | 180 | 207410 | 39.27  | ng | 91     |
| 31) Naphthalene                | 11.06 | 128 | 523474 | 40.06  | ng | 97     |
| 32) Benzoic acid               | 10.32 | 122 | 109654 | 33.38  | ng | 97     |
| 33) 4-Chloroaniline            | 11.19 | 127 | 65770  | 11.97  | ng | # 96   |
| 34) Hexachlorobutadiene        | 11.32 | 225 | 168100 | 38.99  | ng | 93     |
| 35) Caprolactam                | 11.96 | 113 | 69415m | 42.26  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.29 | 107 | 232983 | 43.18  | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.65 | 142 | 409223 | 42.25  | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.01 | 216 | 298622 | 42.23  | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 12.97 | 237 | 267565 | 101.08 | ng | 98     |

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Manual Integrations  
 APPROVED

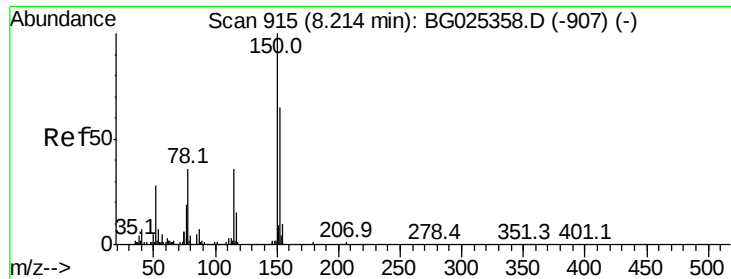
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 1/23/2017 4:59:31 PM

Quant Time: Jan 21 00:27:11 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.26 | 196  | 184129   | 41.35 | nq    | 92       |
| 43) 2,4,5-Trichlorophenol      | 13.34 | 196  | 194346   | 41.70 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 13.64 | 154  | 605950   | 42.06 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.69 | 162  | 461769   | 41.03 | nq    | 97       |
| 47) 2-Nitroaniline             | 13.91 | 65   | 196684   | 41.40 | nq    | 93       |
| 48) Acenaphthylene             | 14.54 | 152  | 711462   | 40.79 | nq    | 96       |
| 49) Dimethylphthalate          | 14.25 | 163  | 633475   | 40.57 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.39 | 165  | 138656   | 40.65 | nq    | 99       |
| 51) Acenaphthene               | 14.88 | 154  | 455358   | 39.91 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.74 | 138  | 53511    | 16.32 | nq    | # 97     |
| 53) 2,4-Dinitrophenol          | 14.95 | 184  | 162250   | 73.01 | nq    | # 88     |
| 54) Dibenzofuran               | 15.20 | 168  | 752613   | 41.73 | nq    | 100      |
| 55) 4-Nitrophenol              | 15.05 | 139  | 202422   | 82.65 | nq    | 94       |
| 56) 2,4-Dinitrotoluene         | 15.19 | 165  | 212376   | 42.76 | nq    | # 92     |
| 57) Fluorene                   | 15.85 | 166  | 610655   | 40.44 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.44 | 232  | 207661   | 41.59 | nq    | # 93     |
| 59) Diethylphthalate           | 15.60 | 149  | 667499   | 40.77 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.83 | 204  | 340614   | 39.80 | nq    | 98       |
| 61) 4-Nitroaniline             | 15.90 | 138  | 118211   | 35.82 | nq    | # 82     |
| 62) Azobenzene                 | 16.13 | 77   | 729281   | 46.18 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 15.96 | 198  | 145995   | 42.30 | nq    | 91       |
| 65) n-Nitrosodiphenylamine     | 16.06 | 169  | 576286   | 42.78 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.73 | 248  | 251454   | 40.90 | nq    | 96       |
| 67) Hexachlorobenzene          | 16.86 | 284  | 291603   | 41.33 | nq    | 92       |
| 68) Atrazine                   | 16.99 | 200  | 262939   | 44.55 | nq    | 99       |
| 69) Pentachlorophenol          | 17.21 | 266  | 285562   | 78.07 | nq    | 97       |
| 70) Phenanthrene               | 17.60 | 178  | 1066642  | 41.53 | nq    | 95       |
| 71) Anthracene                 | 17.69 | 178  | 1090895  | 41.81 | nq    | 99       |
| 72) Carbazole                  | 17.97 | 167  | 982436   | 42.09 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.48 | 149  | 1209882  | 42.13 | nq    | 98       |
| 74) Fluoranthene               | 19.60 | 202  | 1455425  | 42.90 | nq    | 95       |
| 76) Benzidine                  | 19.78 | 184  | 532619   | 28.99 | nq    | 96       |
| 77) Pyrene                     | 19.96 | 202  | 1501537  | 39.01 | nq    | 98       |
| 79) Butylbenzylphthalate       | 20.81 | 149  | 643050   | 41.61 | nq    | 98       |
| 80) Benzo(a)anthracene         | 21.82 | 228  | 1678119  | 40.85 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.73 | 252  | 310569   | 19.47 | nq    | 97       |
| 82) Chrysene                   | 21.89 | 228  | 1543319  | 39.18 | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 21.67 | 149  | 920785   | 42.81 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.91 | 149  | 1568147  | 43.92 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.14 | 276  | 2157184  | 43.08 | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 24.14 | 252  | 1764605  | 41.73 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 24.21 | 252  | 1710602  | 41.89 | nq    | 95       |
| 89) Benzo(a)pyrene             | 25.07 | 252  | 1733531  | 42.45 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 29.18 | 278  | 1808792  | 41.79 | nq    | # 98     |
| 91) Benzo(g,h,i)perylene       | 30.36 | 276  | 1789322  | 41.60 | nq    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

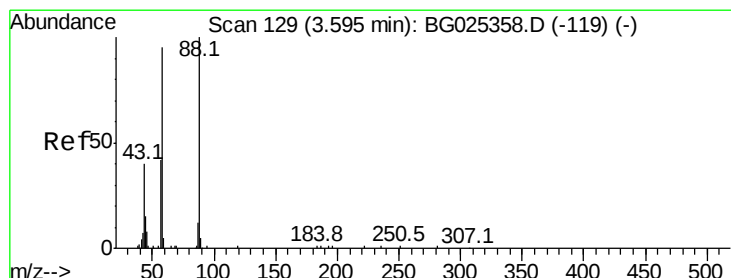
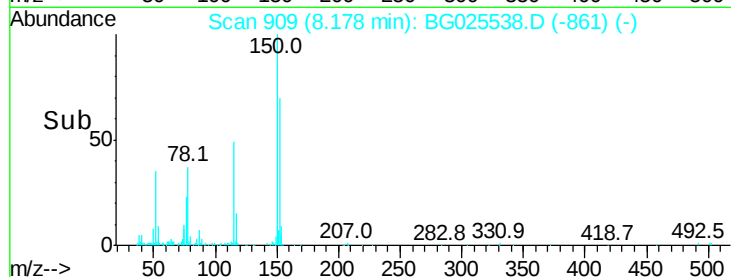
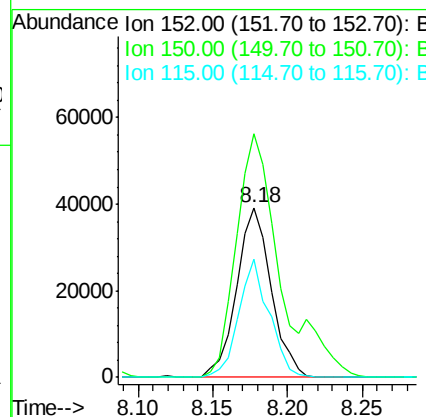
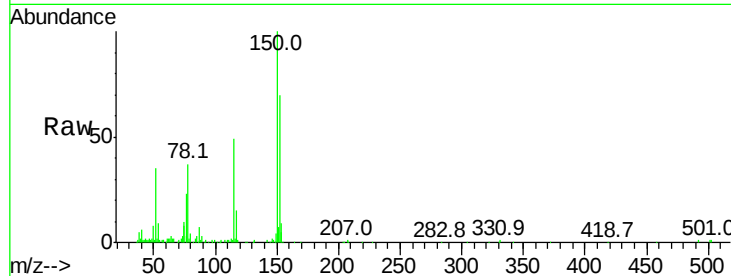
ClientSampleId :

PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 143.7 | 114.0 | 171.0 |
| 115     | 70.1  | 48.1  | 72.1  |

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#2

1,4-Dioxane

Concen: 32.25 ng

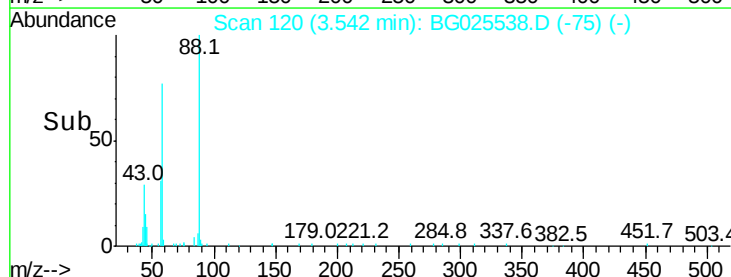
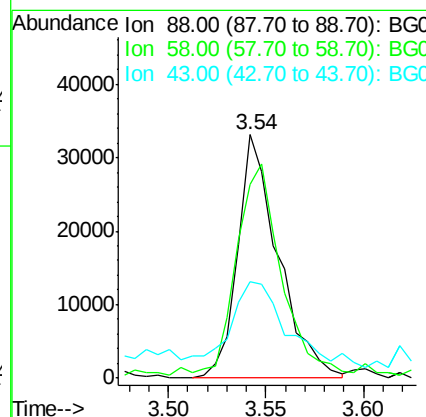
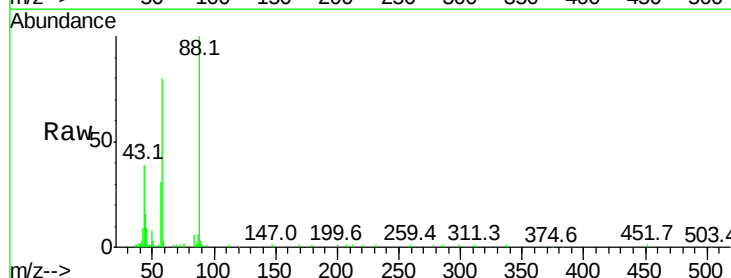
RT: 3.54 min Scan# 120

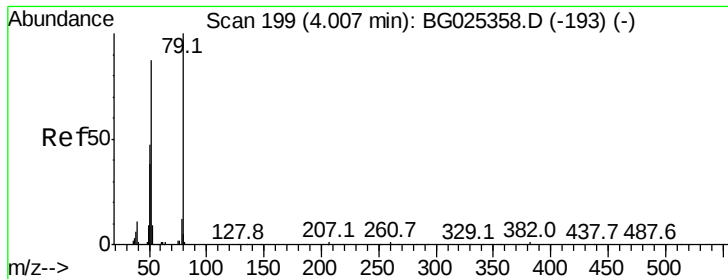
Delta R.T. -0.04 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 94.8  | 79.4  | 119.2 |
| 43      | 48.6  | 33.8  | 50.6  |





#3

Pvridine

Concen: 33.79 ng

RT: 3.96 min Scan# 191

Delta R.T. -0.03 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

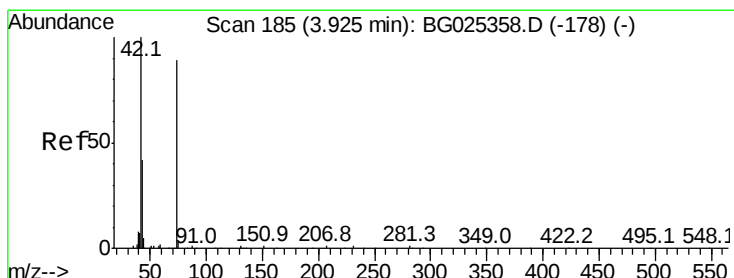
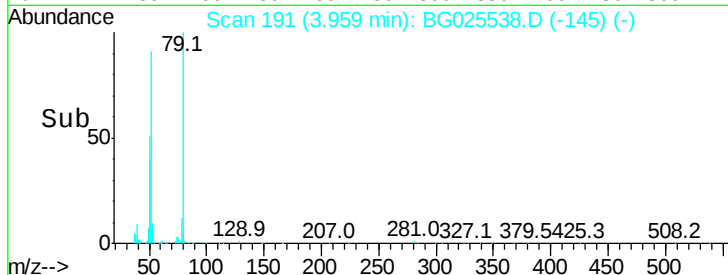
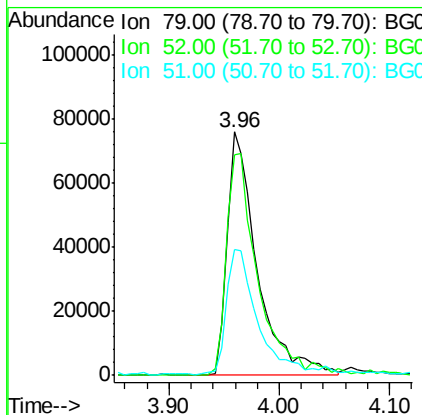
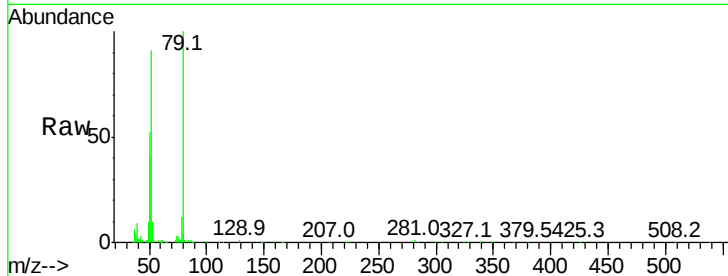
ClientSampleId :

PB96135BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 145100 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 90.5  | 77.8  | 116.6  |
| 51        | 51.9  | 43.2  | 64.8   |

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#4

n-Nitrosodimethylamine

Concen: 41.61 ng

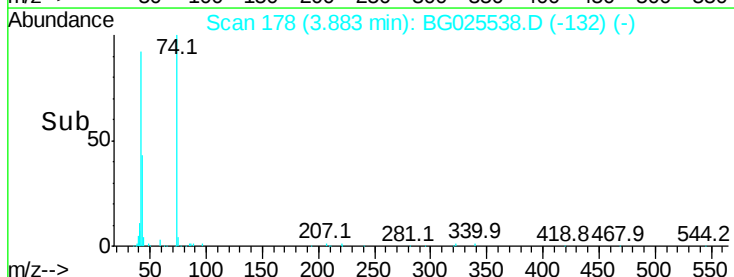
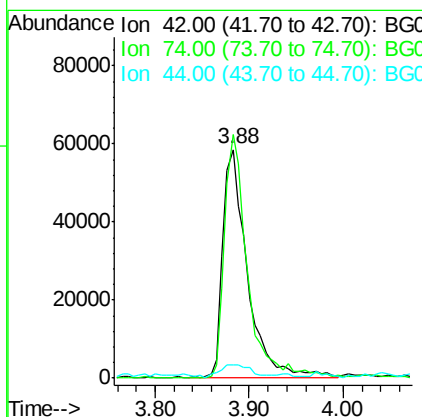
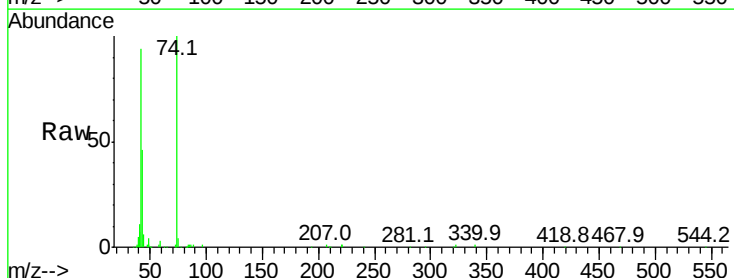
RT: 3.88 min Scan# 178

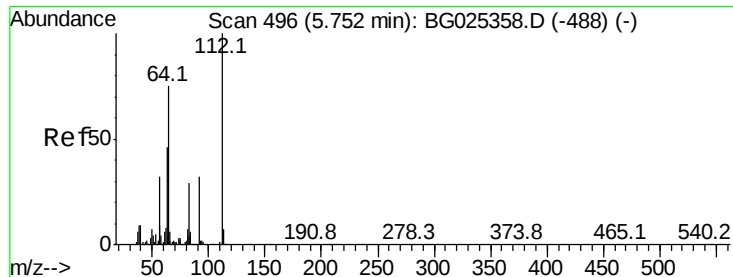
Delta R.T. -0.03 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 106065 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 106.6 | 76.7  | 115.1  |
| 44        | 6.0   | 6.1   | 9.1#   |





#5

2-Fluorophenol

Concen: 138.93 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

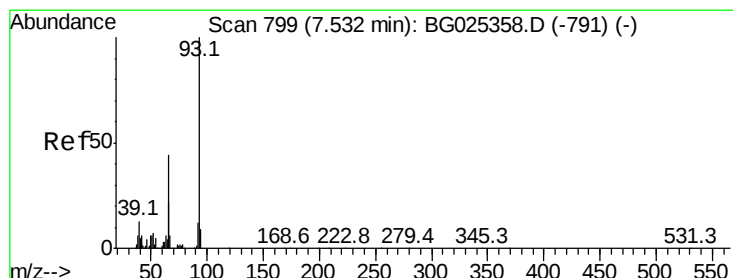
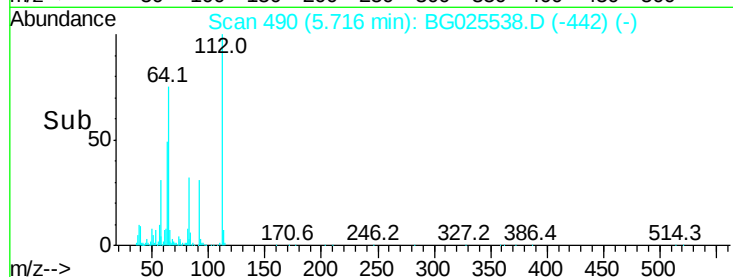
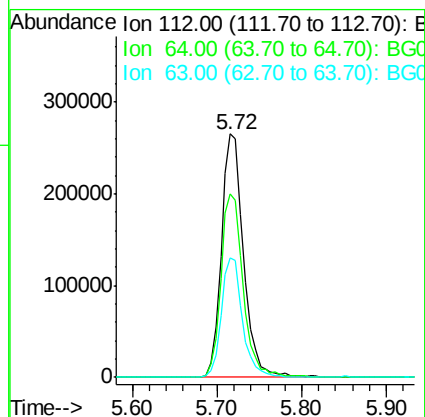
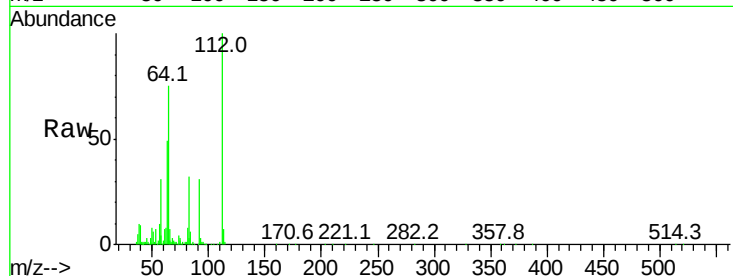
ClientSampleId :

PB96135BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 482385 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 75.3  | 61.8  | 92.6   |
| 63        | 48.9  | 37.2  | 55.8   |

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#6

Aniline

Concen: 22.69 ng

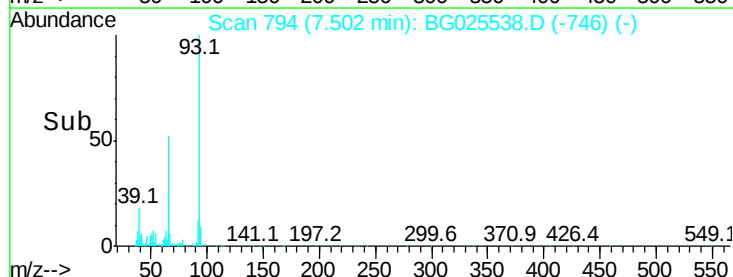
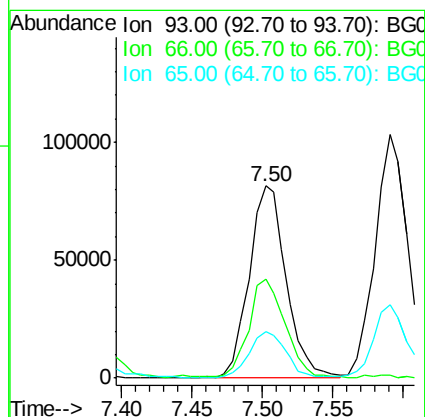
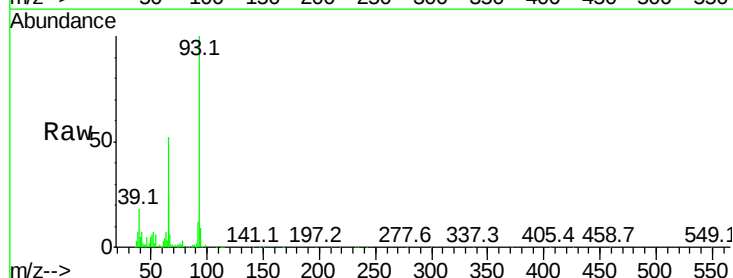
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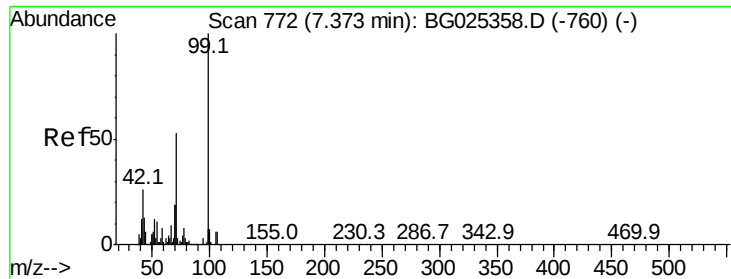
Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 150361 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 51.9  | 35.4  | 53.2   |
| 65        | 23.9  | 21.2  | 31.8   |





#7

Phenol-d6

Concen: 142.45 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

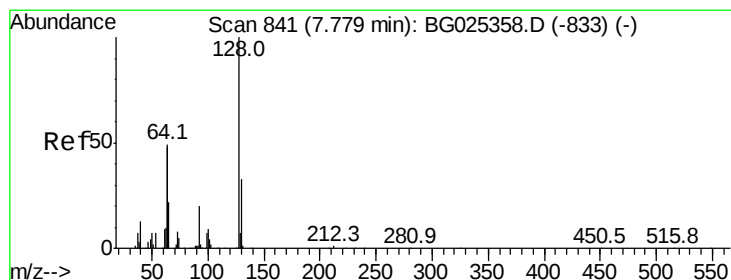
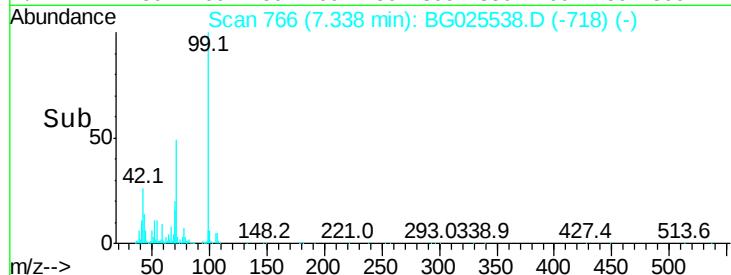
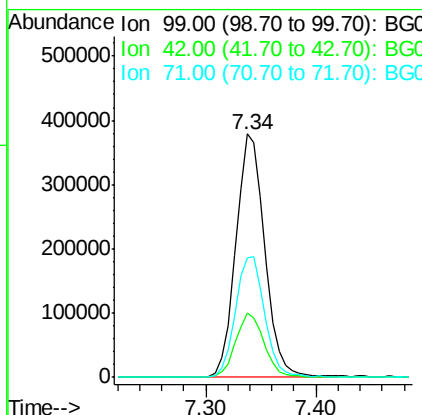
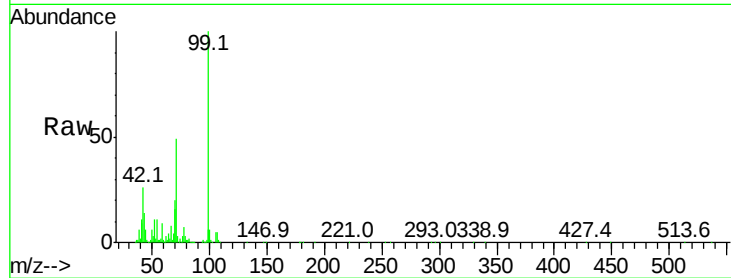
ClientSampleId :

PB96135BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 696596 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 26.2  | 20.5  | 30.7   |
| 71        | 48.9  | 37.6  | 56.4   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 43.01 ng

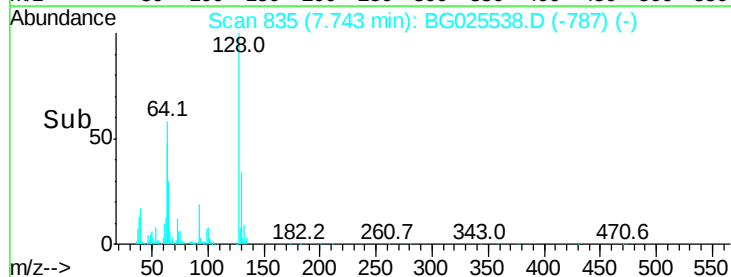
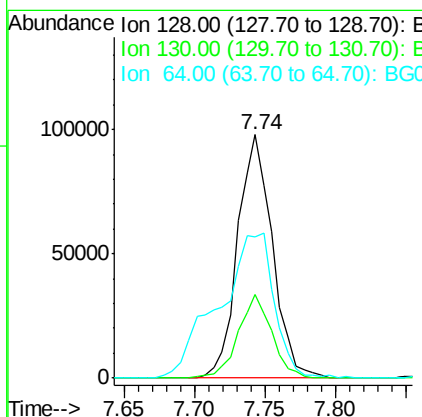
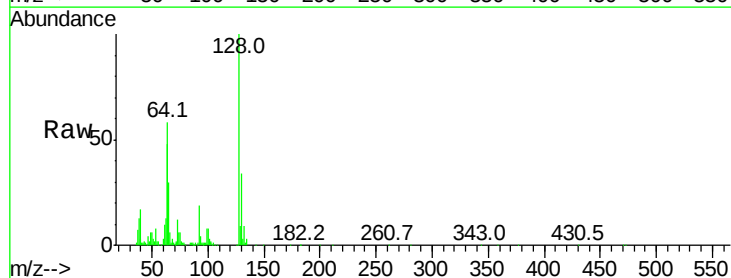
RT: 7.74 min Scan# 835

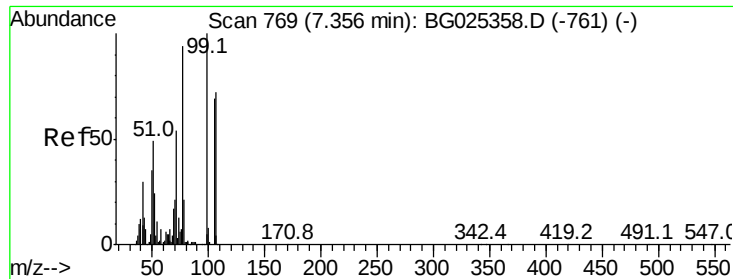
Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 168452 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 34.5  | 11.4  | 51.4   |
| 64        | 58.1  | 46.6  | 86.6   |





#9

Benzaldehyde

Concen: 43.52 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

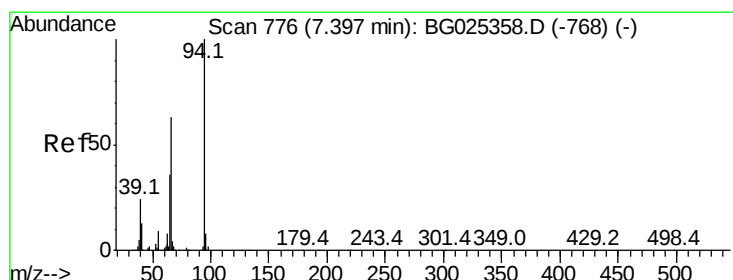
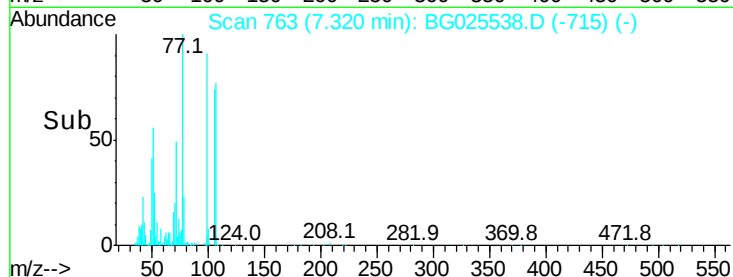
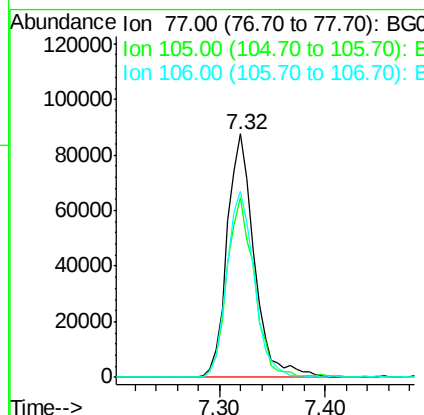
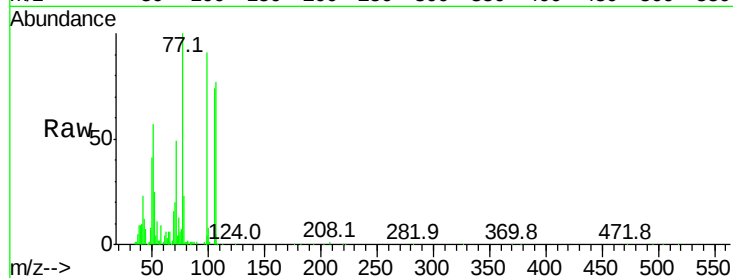
ClientSampleId :

PB96135BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 155726 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 73.7  | 60.9  | 100.9  |
| 106      | 76.6  | 55.1  | 95.1   |

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#10

Phenol

Concen: 45.95 ng

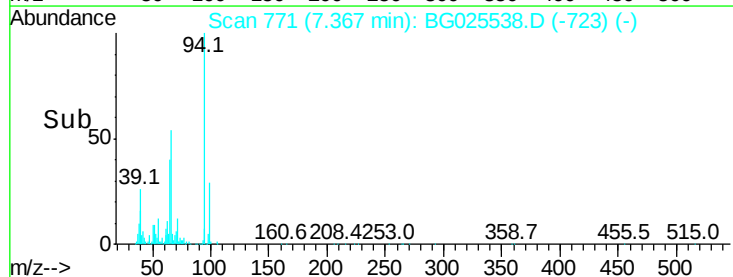
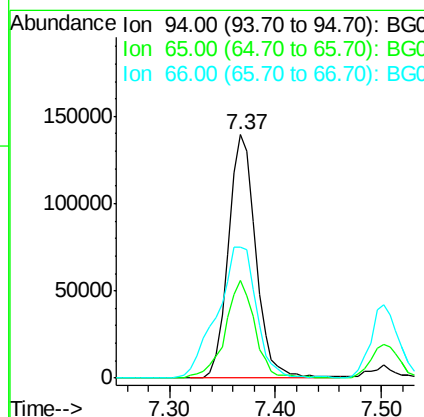
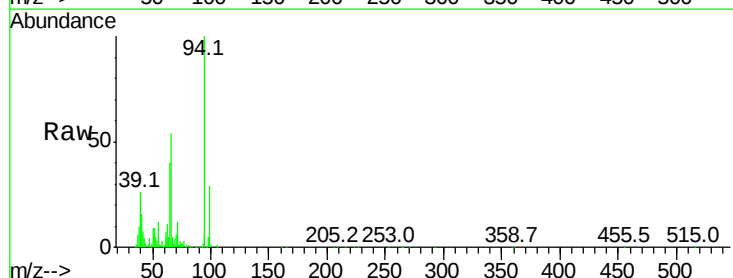
RT: 7.37 min Scan# 771

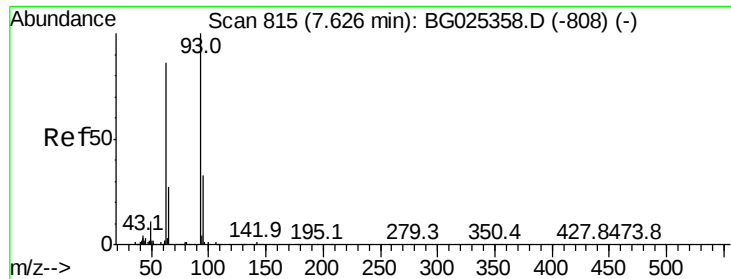
Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 249089 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 40.0  | 20.6  | 60.6   |
| 66       | 53.6  | 35.5  | 75.5   |





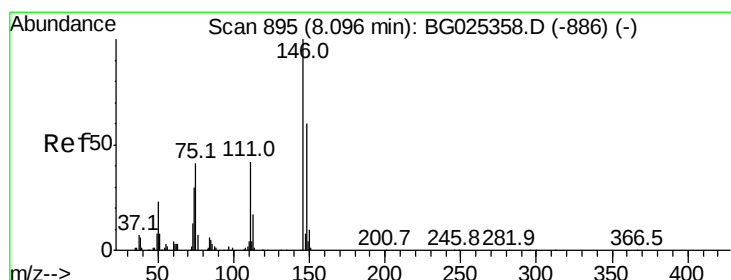
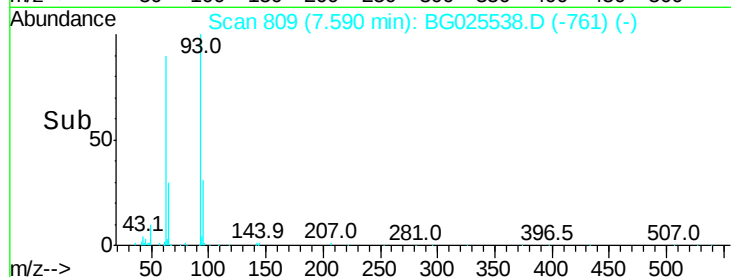
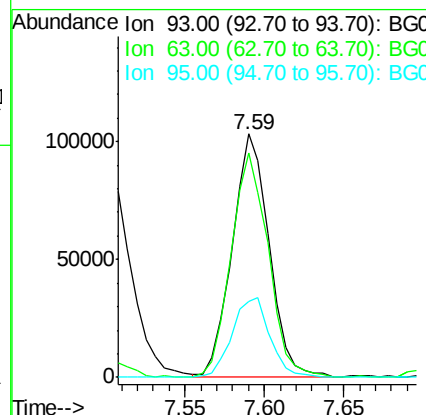
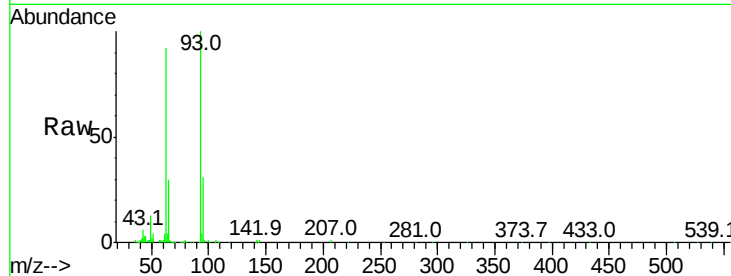
#11  
bis(2-Chloroethyl)ether  
Concen: 39.61 ng  
RT: 7.59 min Scan# 809  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 92.0  | 78.5  | 118.5 |
| 95      | 31.2  | 9.8   | 49.8  |

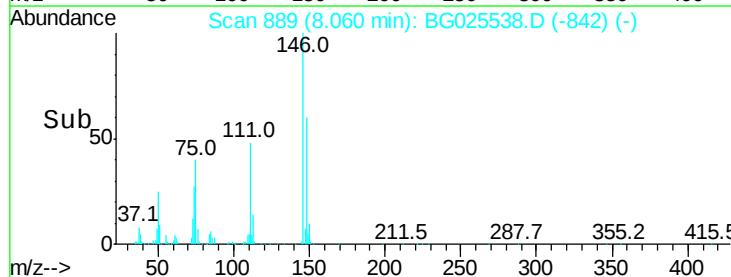
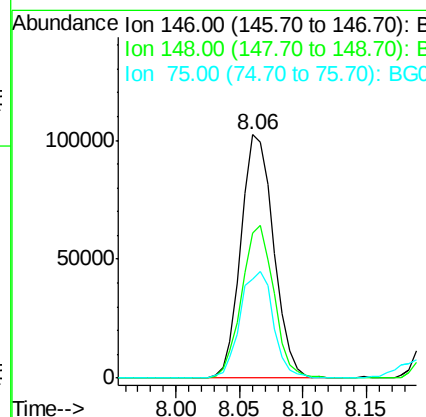
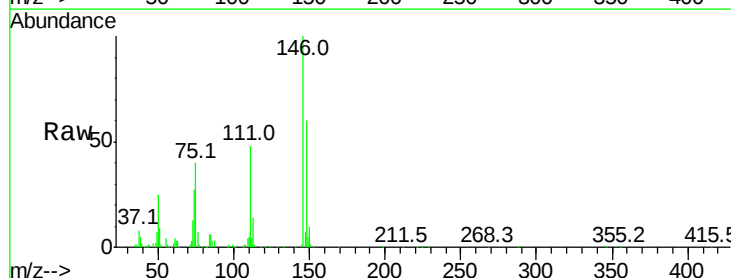
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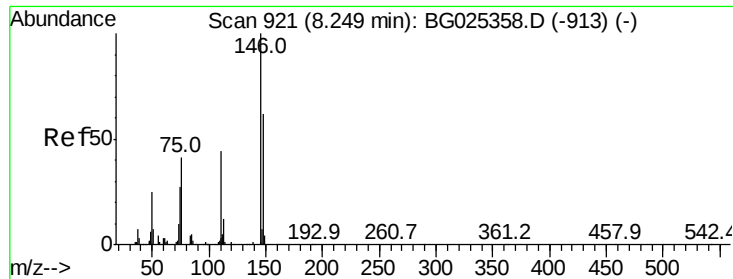
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 38.68 ng  
RT: 8.06 min Scan# 889  
Delta R.T. -0.03 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 59.6  | 49.2  | 73.8  |
| 75      | 40.4  | 33.4  | 50.2  |





#13

1,4-Dichlorobenzene

Concen: 38.62 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.03 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

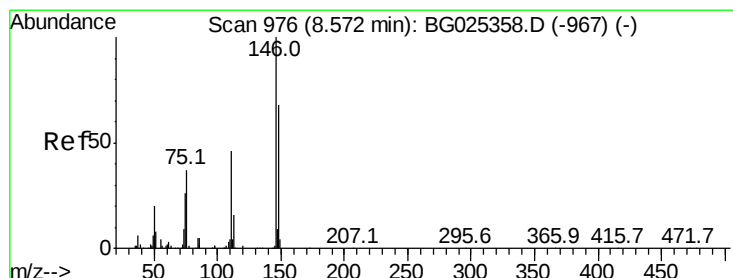
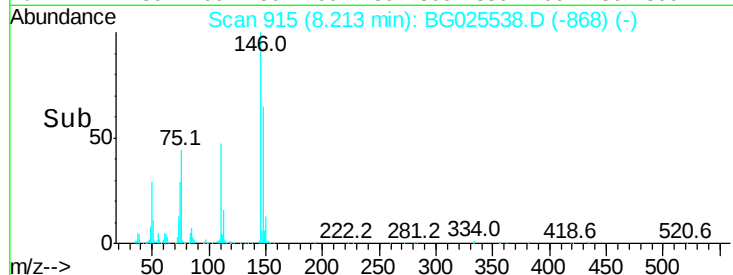
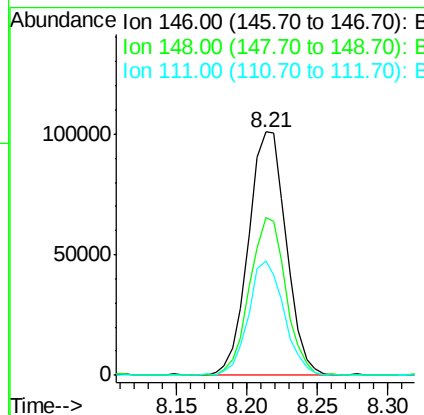
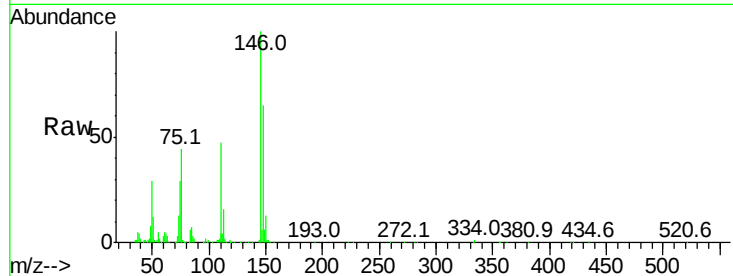
ClientSampleId :

PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 52.2  | 78.2  |
| 111     | 47.1  | 37.0  | 55.6  |

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#14

1,2-Dichlorobenzene

Concen: 38.42 ng

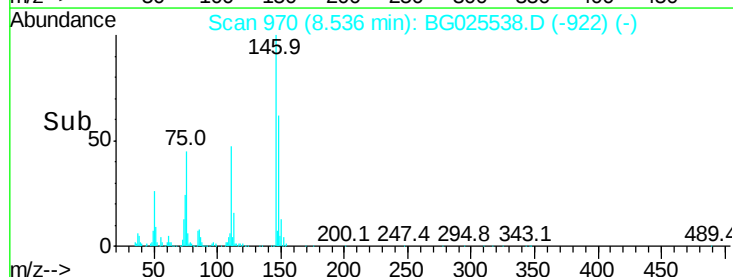
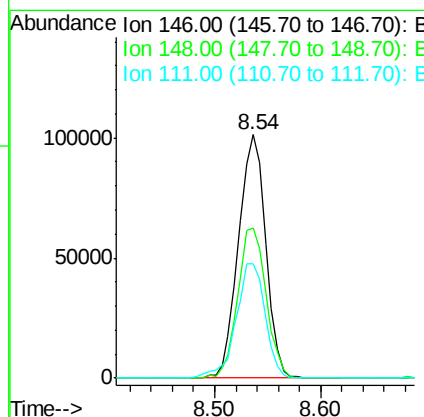
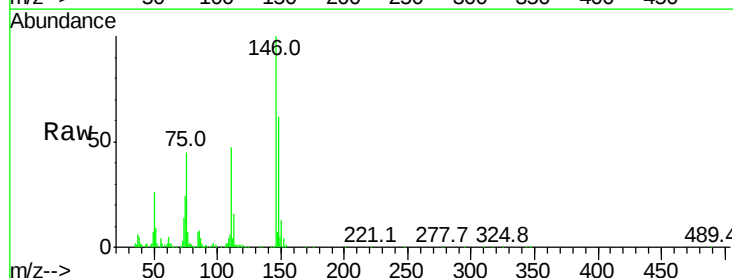
RT: 8.54 min Scan# 970

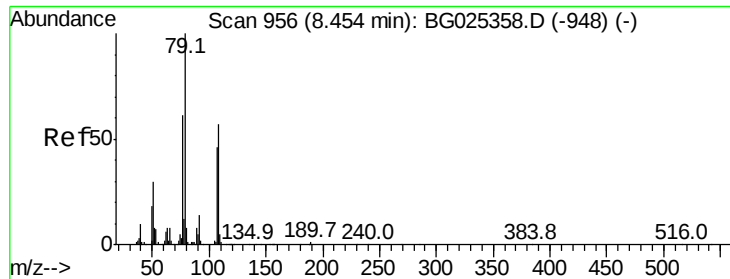
Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.8  | 54.6  | 81.8  |
| 111     | 47.2  | 39.7  | 59.5  |





#15

Benzyl Alcohol

Concen: 43.55 ng

RT: 8.42 min Scan# 951

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

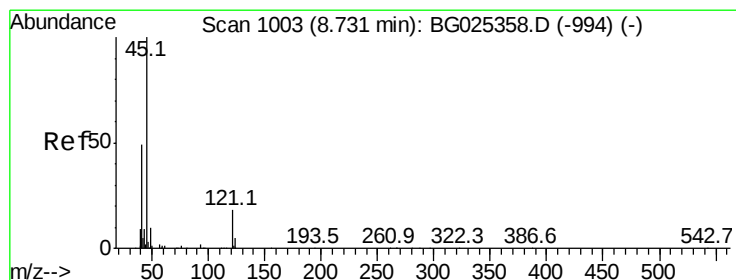
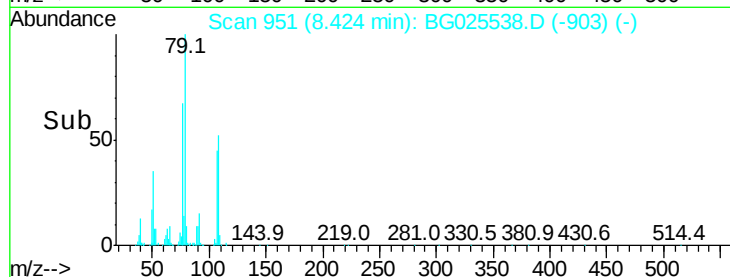
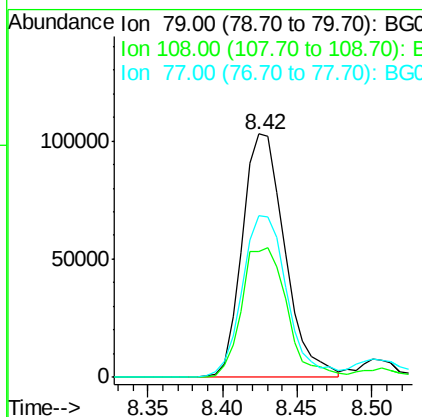
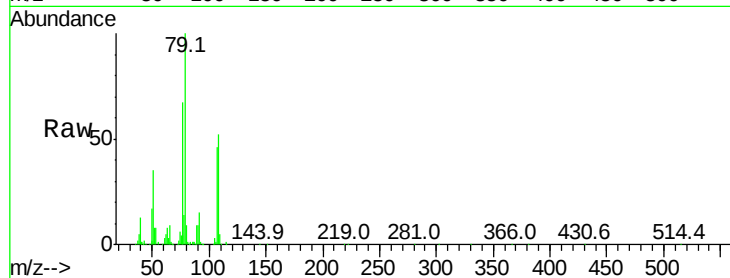
ClientSampleId :

PB96135BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 203326 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 51.5  | 45.5  | 68.3   |
| 77        | 66.5  | 54.3  | 81.5   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.69 ng

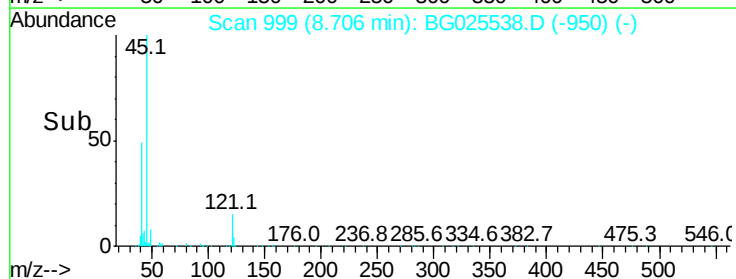
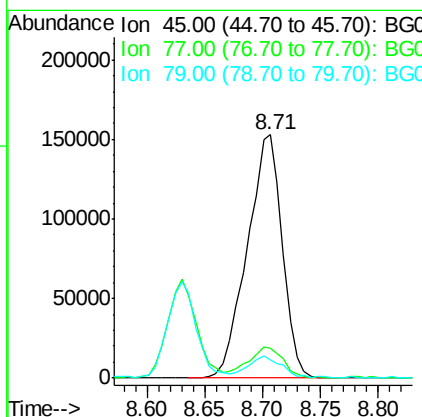
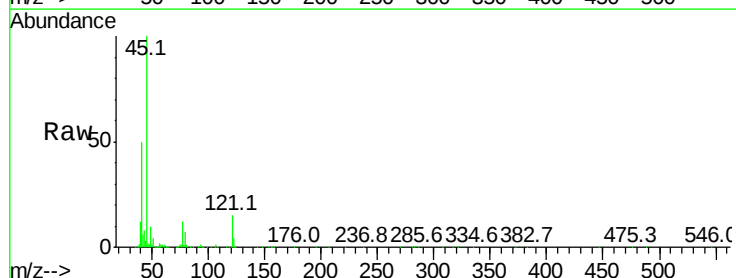
RT: 8.71 min Scan# 999

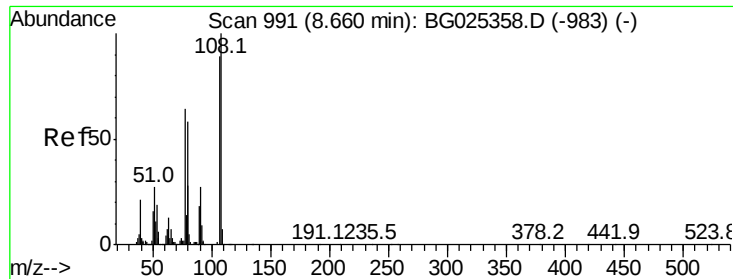
Delta R.T. -0.01 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 322465 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 12.3  | 0.0   | 30.6   |
| 79        | 7.5   | 0.0   | 28.5   |





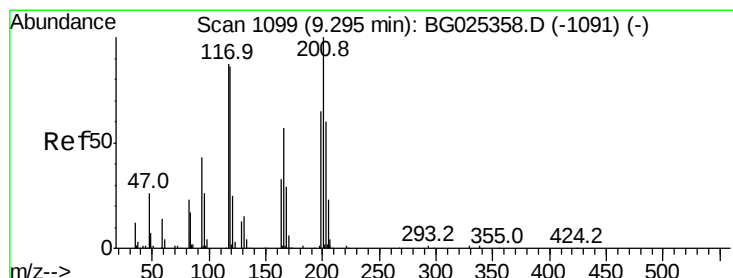
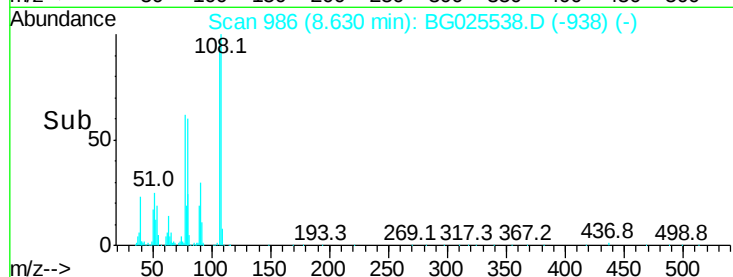
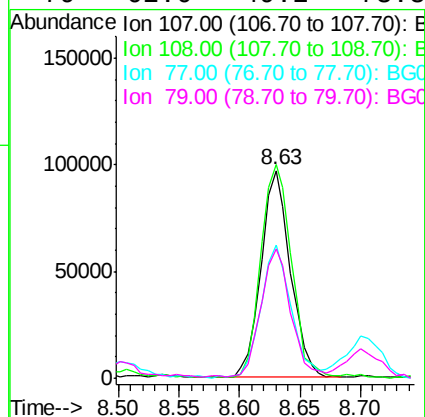
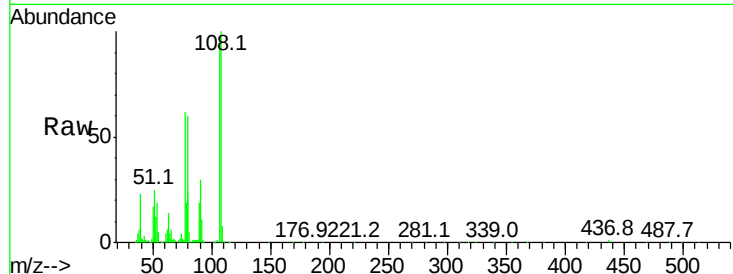
#17  
2-Methylphenol  
Concen: 45.90 ng  
RT: 8.63 min Scan# 986  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 102.9 | 85.6 | 128.4 |       |
| 77      | 64.2  | 51.4 | 77.2  |       |
| 79      | 62.0  | 49.2 | 73.8  |       |

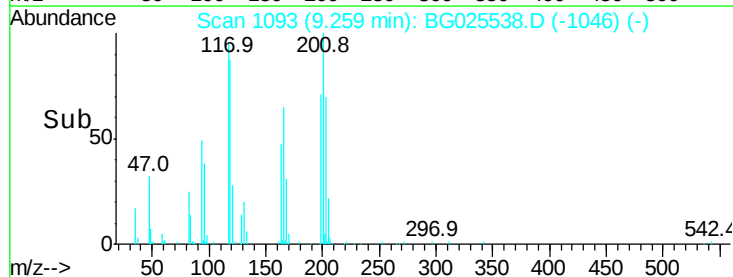
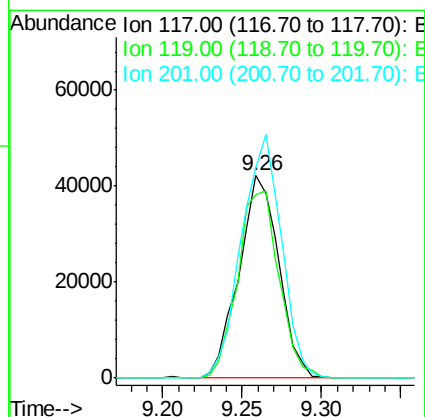
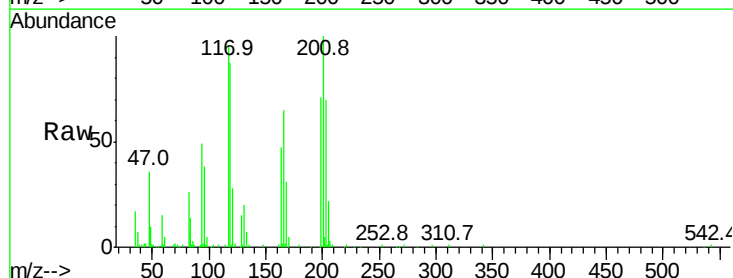
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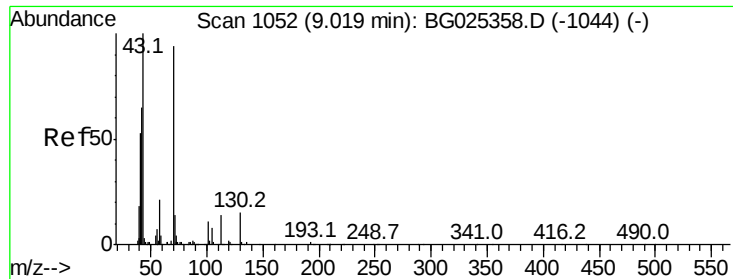
mohammad  
1/23/2017 4:59:31 PM



#18  
Hexachloroethane  
Concen: 39.06 ng  
RT: 9.26 min Scan# 1093  
Delta R.T. -0.03 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 90.6  | 69.8 | 104.6 |       |
| 201     | 104.1 | 95.4 | 143.0 |       |





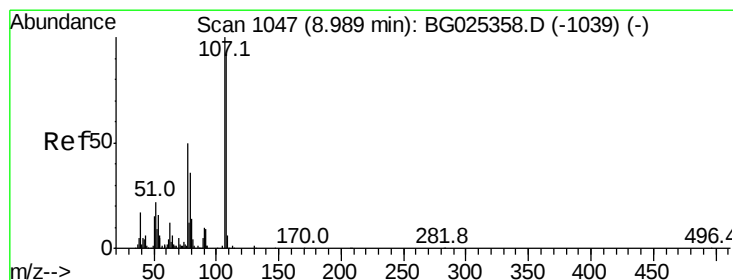
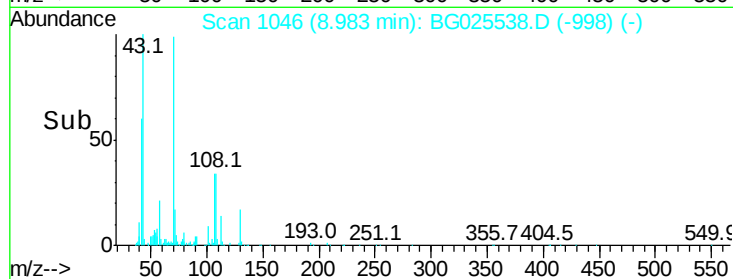
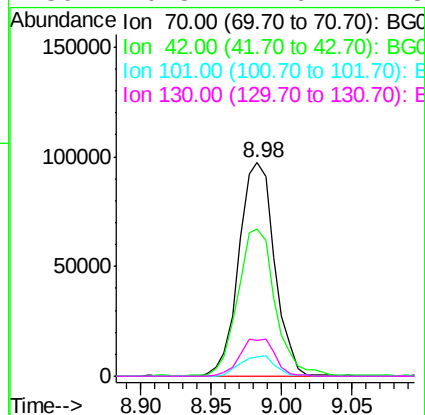
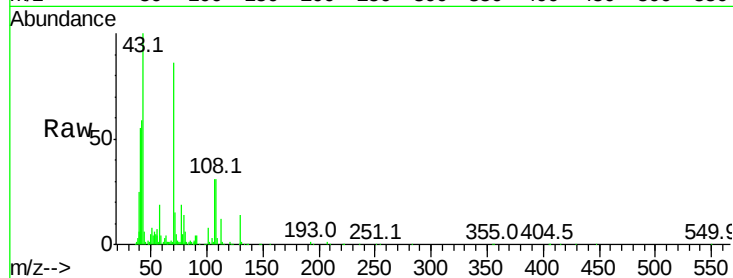
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.63 ng  
RT: 8.98 min Scan# 1046  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 69.1  | 56.1  | 84.1  |
| 101     | 8.9   | 7.5   | 11.3  |
| 130     | 16.8  | 14.6  | 21.8  |

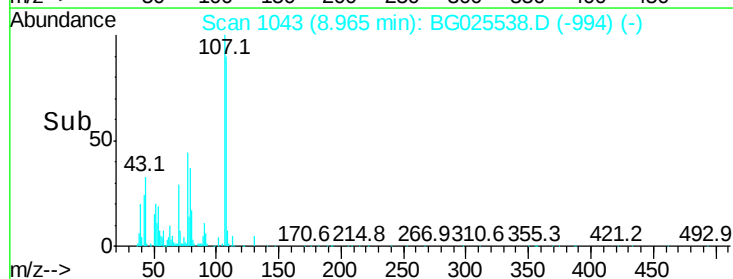
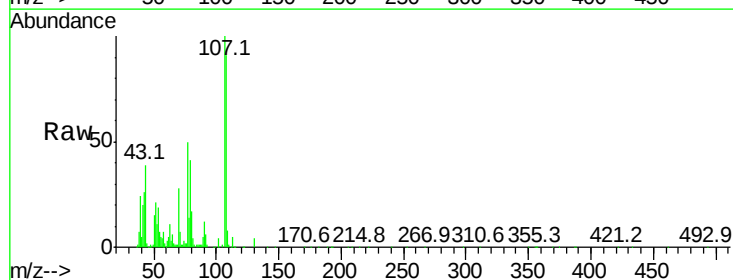
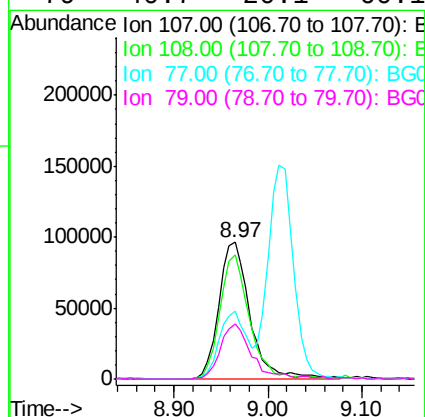
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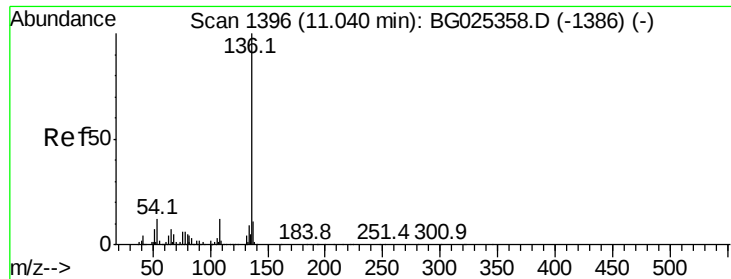
mohammad  
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#20  
3+4-Methylphenols  
Concen: 45.14 ng  
RT: 8.97 min Scan# 1043  
Delta R.T. -0.01 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.5  | 70.8  | 110.8 |
| 77      | 50.0  | 25.8  | 65.8  |
| 79      | 40.7  | 20.1  | 60.1  |





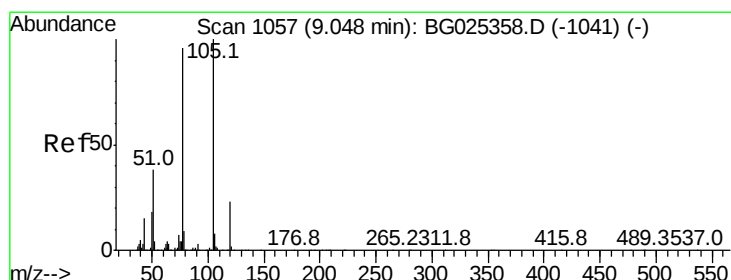
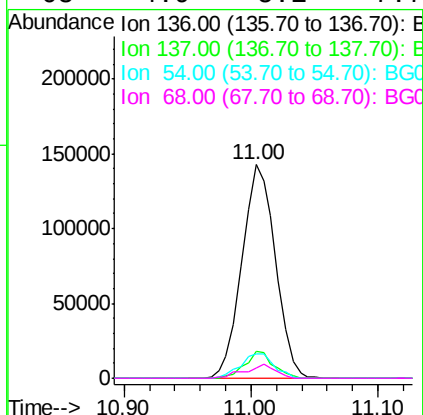
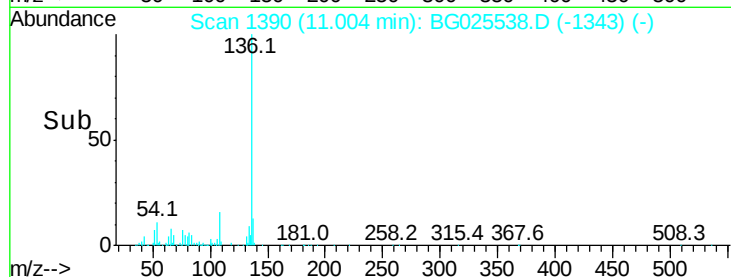
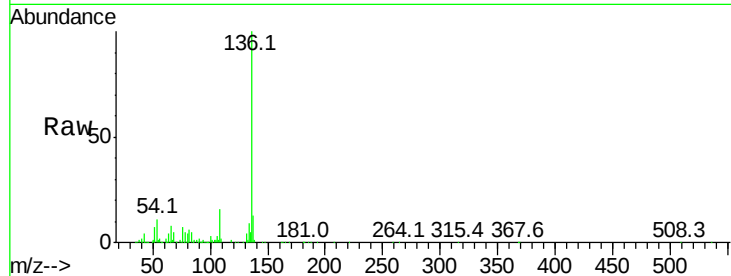
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.00 min Scan# 1390  
Delta R.T. -0.03 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 261692 |       |       |
| 137     | 12.7  | 8.9    | 13.3  |       |
| 54      | 11.4  | 9.3    | 13.9  |       |
| 68      | 4.9   | 5.1    | 7.7#  |       |

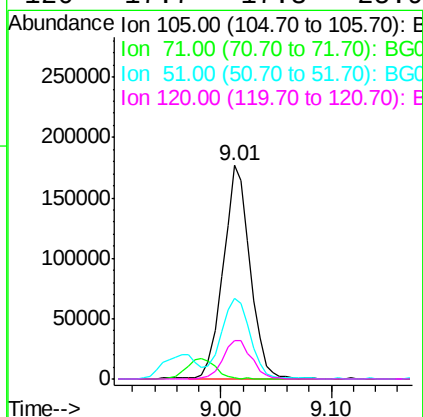
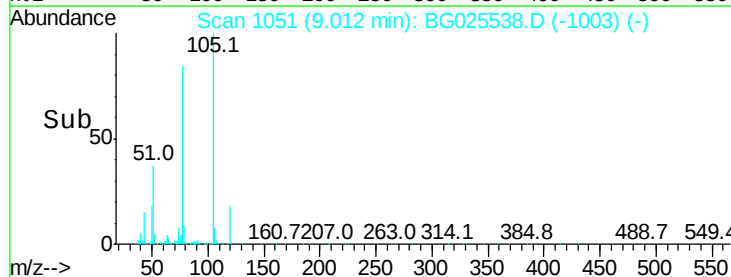
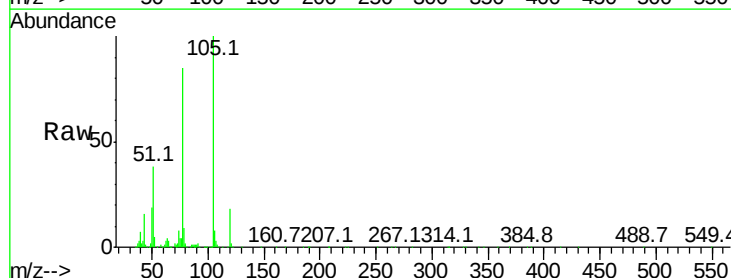
Manual Integrations  
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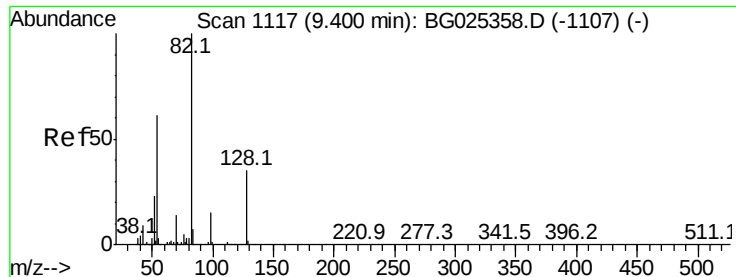
mohammad  
1/23/2017 4:59:31 PM



#22  
Acetophenone  
Concen: 41.26 ng  
RT: 9.01 min Scan# 1051  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 299966 |       |       |
| 71      | 0.6   | 0.9    | 1.3#  |       |
| 51      | 37.9  | 34.0   | 51.0  |       |
| 120     | 17.7  | 17.3   | 25.9  |       |





#23

Nitrobenzene-d5

Concen: 86.02 ng

RT: 9.36 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

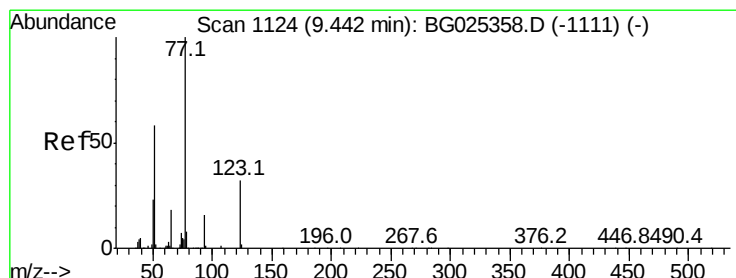
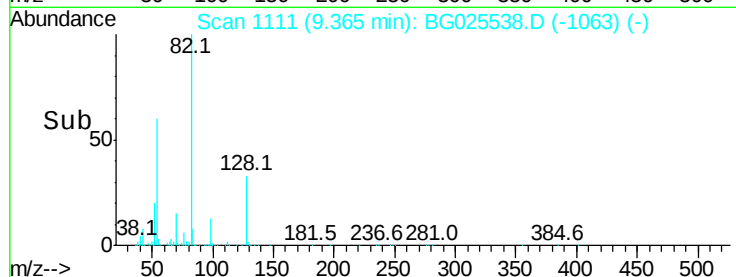
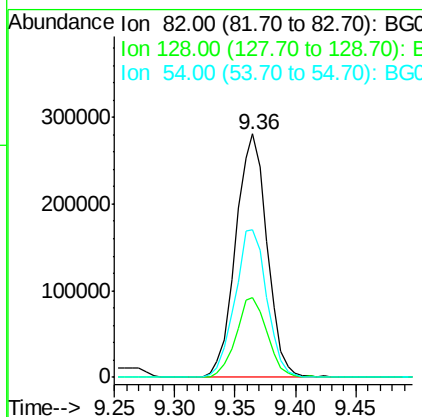
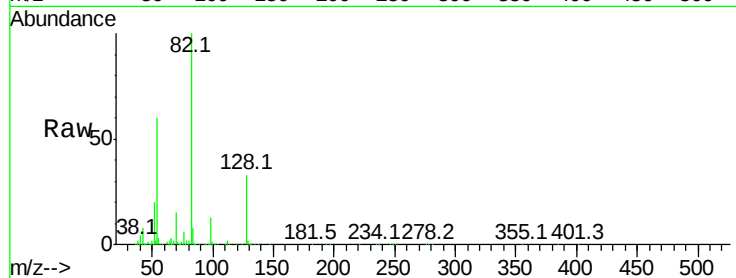
ClientSampleId :

PB96135BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 509550 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 32.7  | 26.4  | 39.6   |
| 54        | 60.4  | 49.4  | 74.2   |

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#24

Nitrobenzene

Concen: 40.30 ng

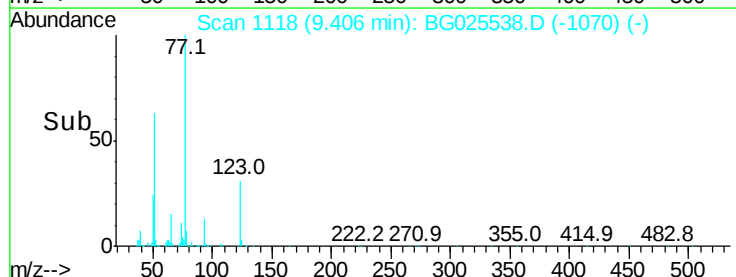
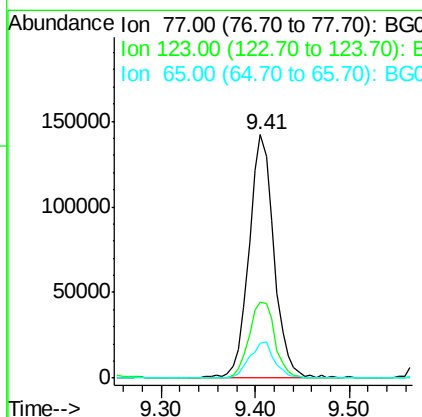
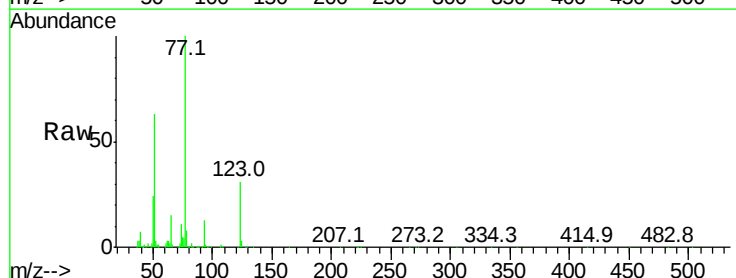
RT: 9.41 min Scan# 1118

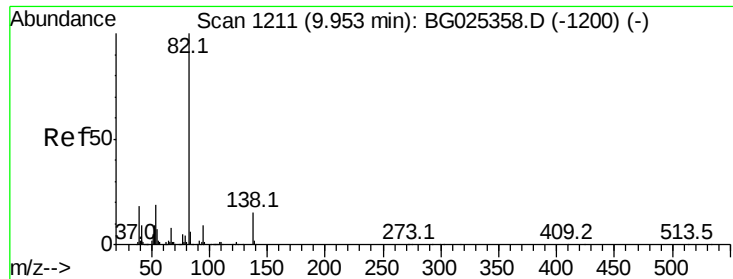
Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 261839 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 31.4  | 26.1  | 39.1   |
| 65        | 14.6  | 12.4  | 18.6   |





#25

Isophorone

Concen: 42.68 ng

RT: 9.92 min Scan# 1205

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

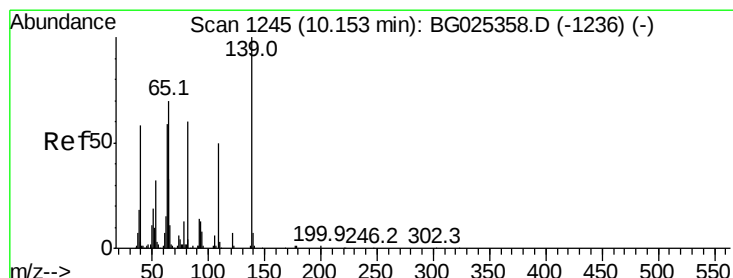
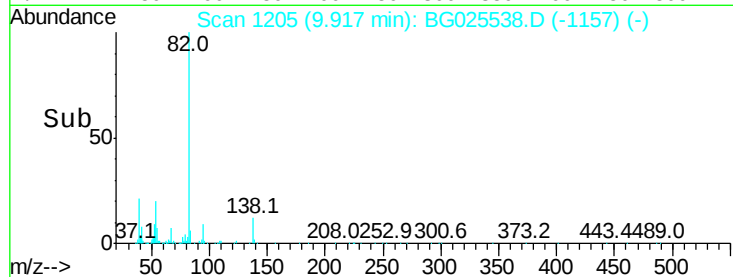
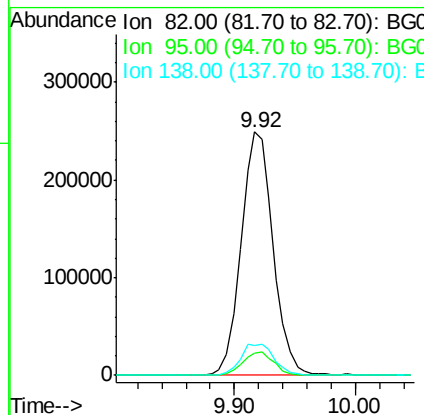
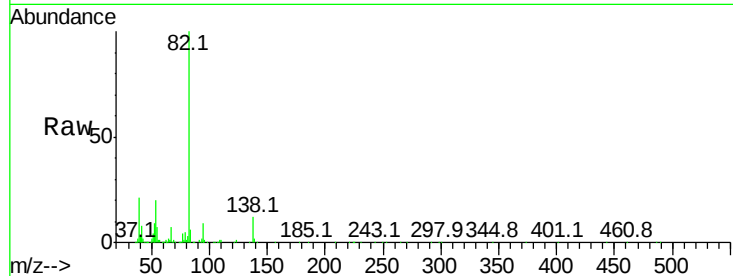
ClientSampleId :

PB96135BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 457792 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 9.2   | 7.5   | 11.3   |
| 138       | 12.2  | 12.3  | 18.5#  |

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#26

2-Nitrophenol

Concen: 40.26 ng

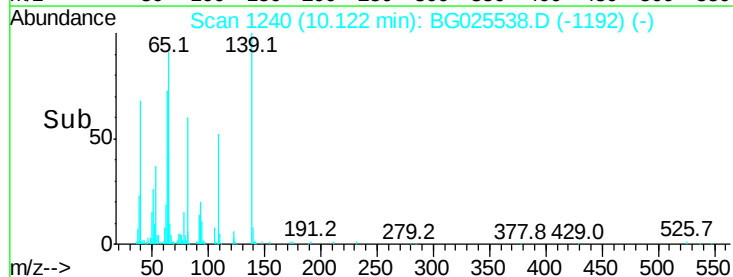
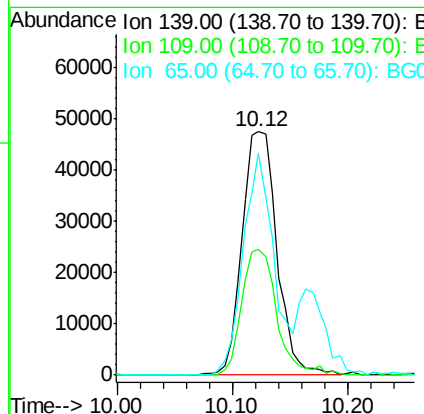
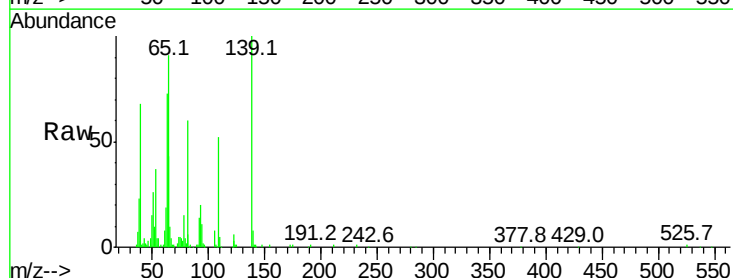
RT: 10.12 min Scan# 1240

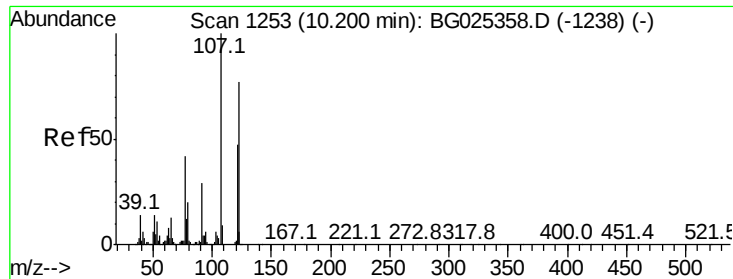
Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 100046 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 51.9  | 38.6  | 58.0   |
| 65        | 91.1  | 57.1  | 85.7#  |





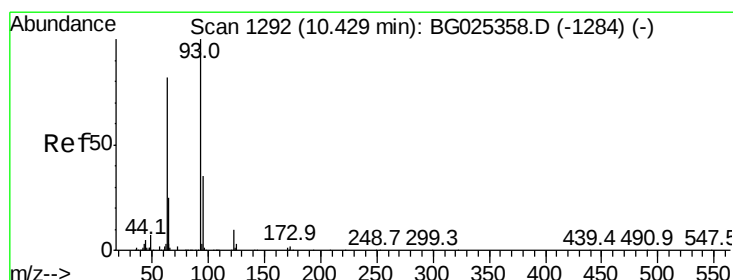
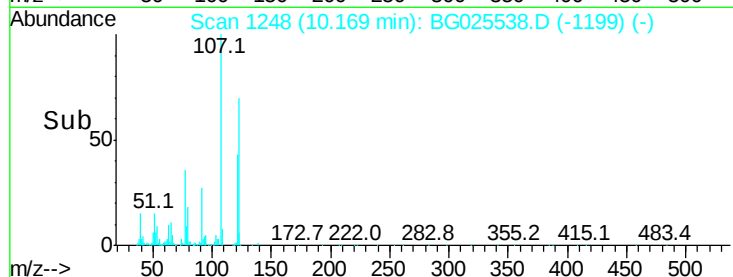
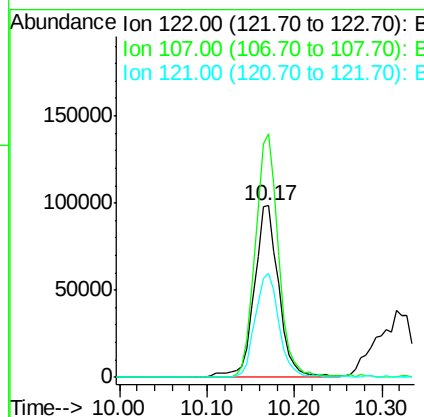
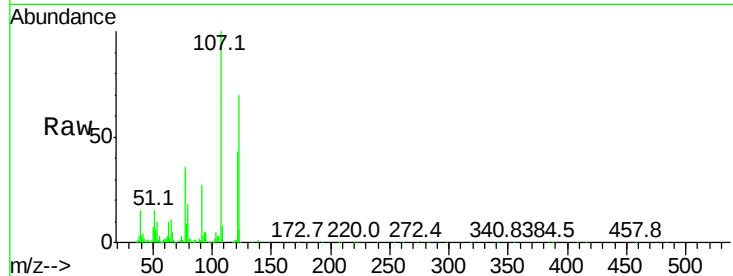
#27  
2,4-Dimethylphenol  
Concen: 46.18 ng  
RT: 10.17 min Scan# 1248  
Delta R.T. -0.01 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 188655 |       |       |
| 107     | 142.0 | 104.2  | 156.4 |       |
| 121     | 60.7  | 46.0   | 69.0  |       |

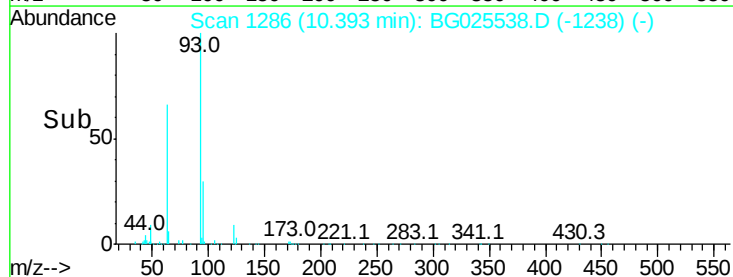
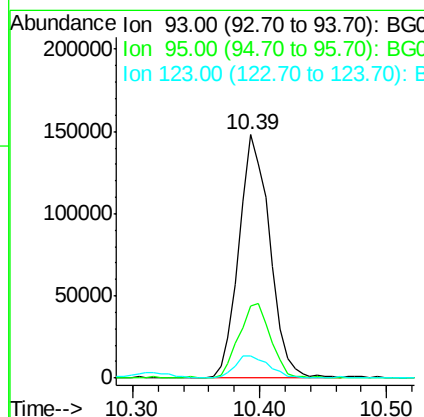
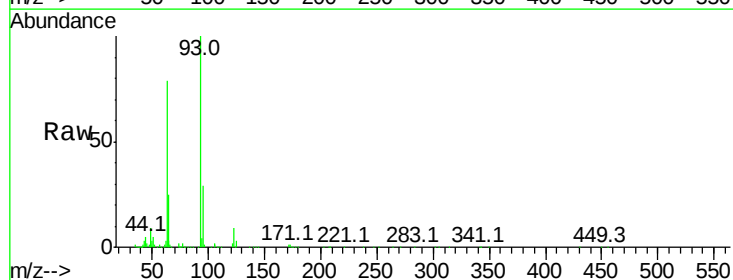
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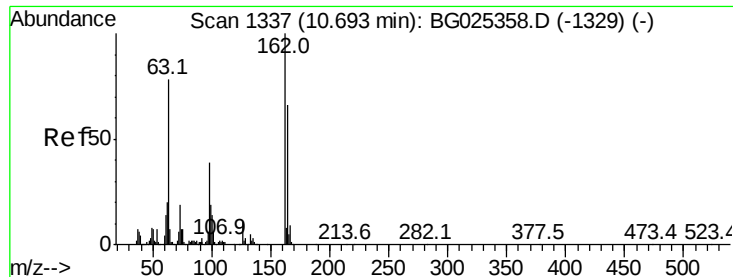
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 44.88 ng  
RT: 10.39 min Scan# 1286  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 249965 |       |       |
| 95      | 29.4  | 25.7   | 38.5  |       |
| 123     | 9.3   | 8.3    | 12.5  |       |





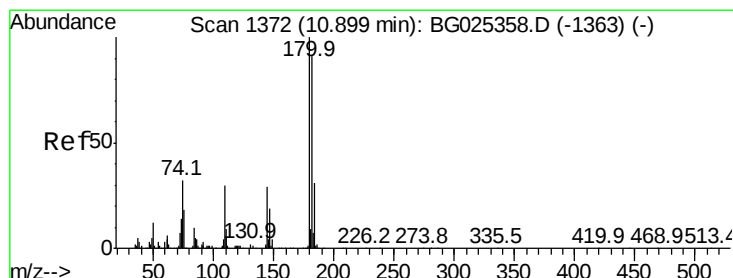
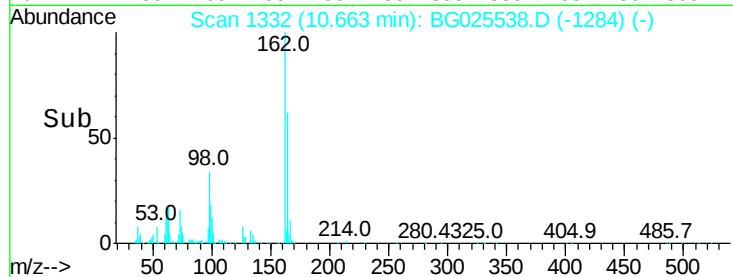
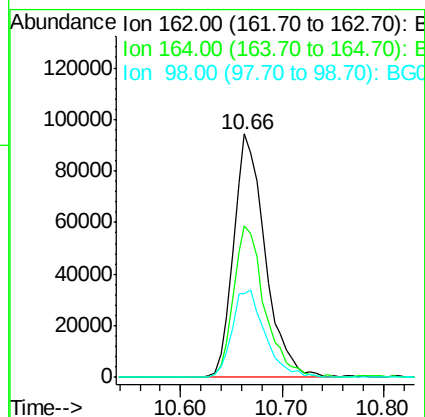
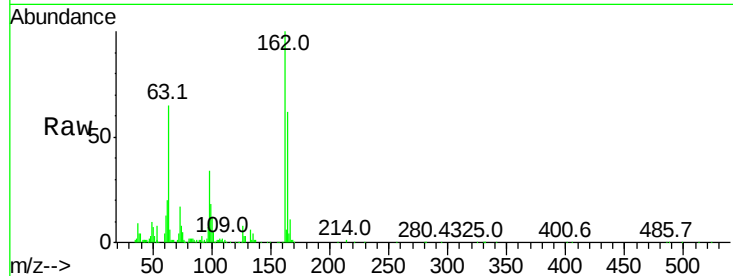
#29  
2,4-Dichlorophenol  
Concen: 46.61 ng  
RT: 10.66 min Scan# 1332  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 203760 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.1  | 42.4  | 82.4   |
| 98        | 34.3  | 20.3  | 60.3   |

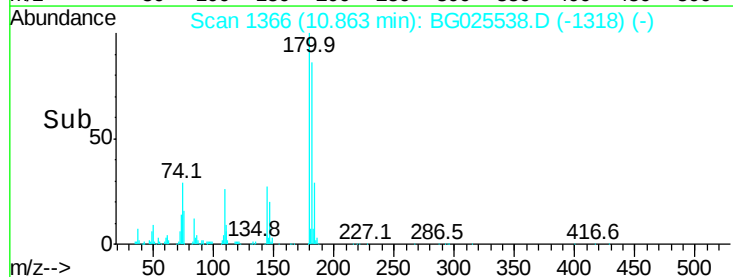
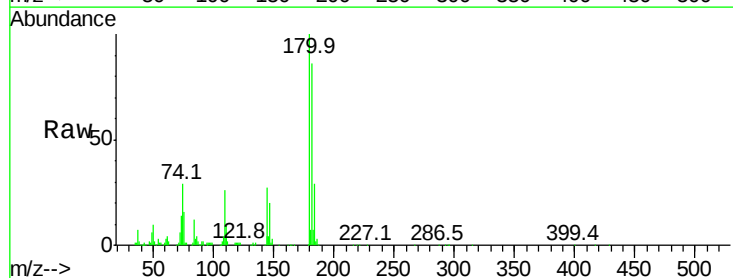
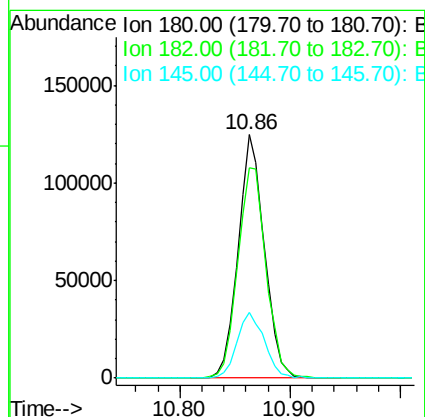
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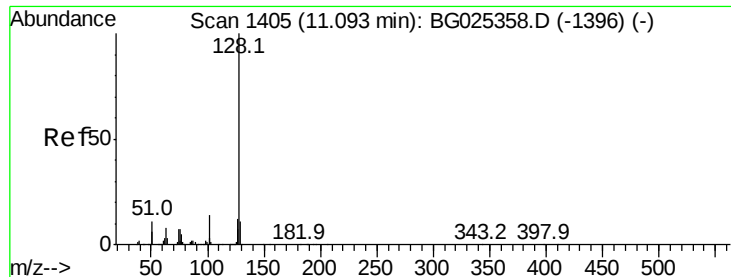
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 39.27 ng  
RT: 10.86 min Scan# 1366  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 207410 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 86.4  | 77.0  | 115.4  |
| 145       | 26.8  | 23.4  | 35.0   |





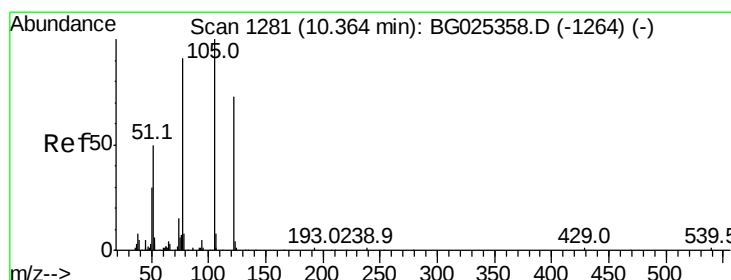
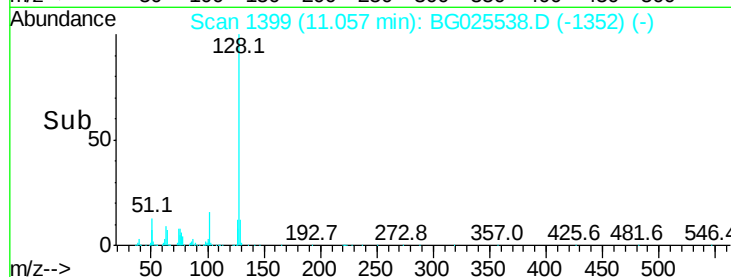
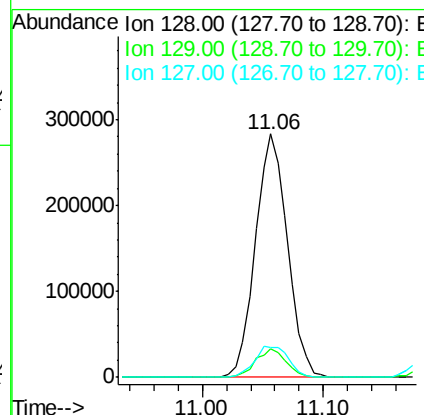
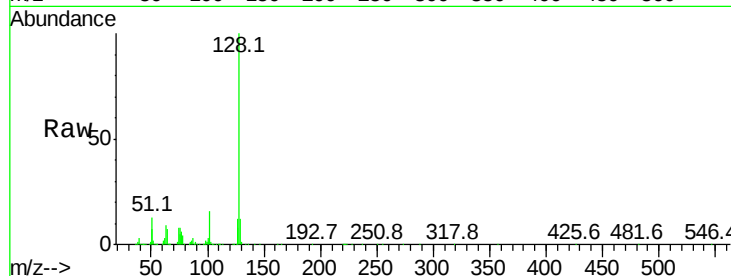
#31  
Naphthalene  
Concen: 40.06 ng  
RT: 11.06 min Scan# 1399  
Delta R.T. -0.03 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 523474 |       |       |
| 129     | 11.5  |        | 9.3   | 13.9  |
| 127     | 12.2  |        | 11.4  | 17.0  |

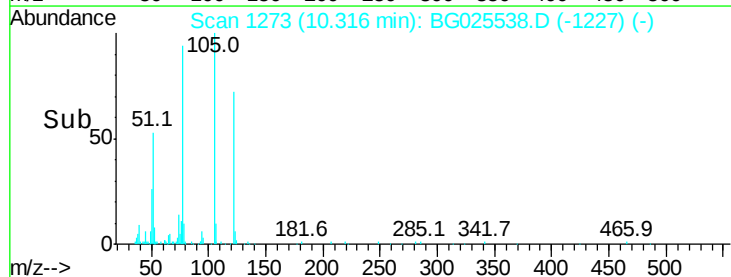
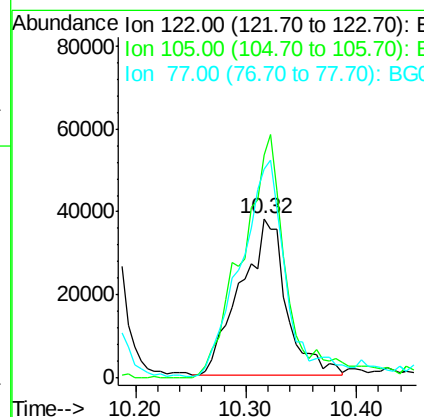
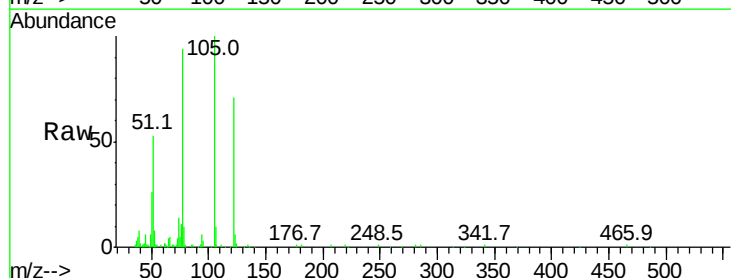
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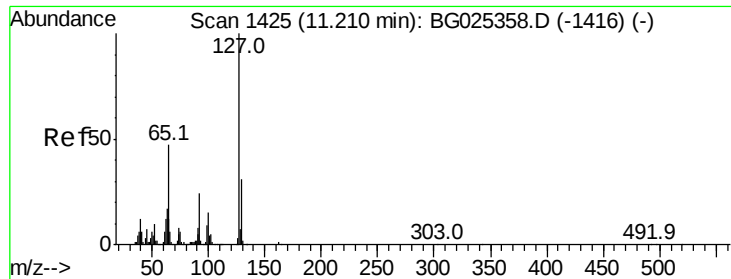
mohammad  
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#32  
Benzoic acid  
Concen: 33.38 ng  
RT: 10.32 min Scan# 1273  
Delta R.T. -0.03 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 109654 |       |       |
| 105     | 140.0 |        | 120.1 | 160.1 |
| 77      | 131.1 |        | 104.6 | 144.6 |





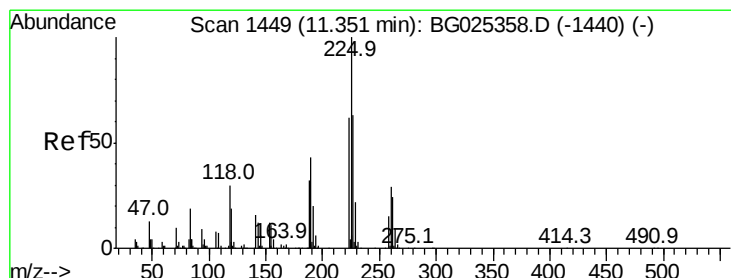
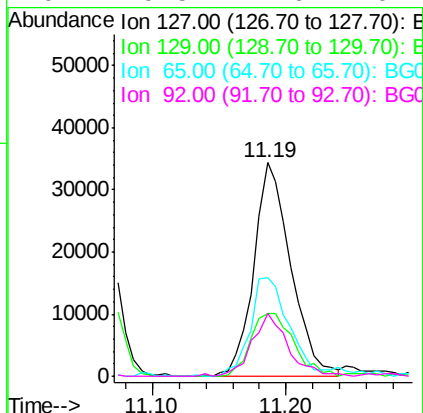
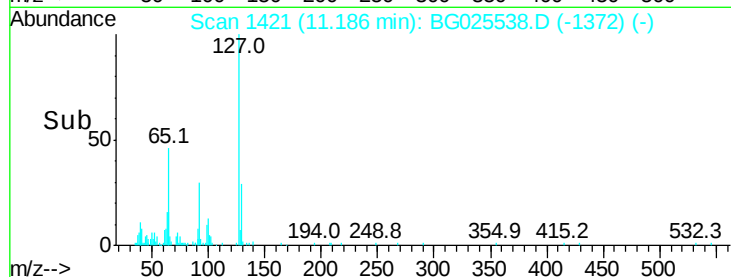
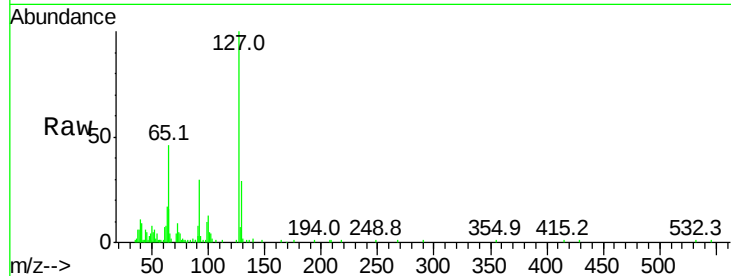
#33  
4-Chloroaniline  
Concen: 11.97 ng  
RT: 11.19 min Scan# 1421  
Delta R.T. -0.01 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampled :  
PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 29.4  | 23.6  | 35.4  |
| 65      | 46.2  | 37.7  | 56.5  |
| 92      | 29.5  | 17.6  | 26.4  |

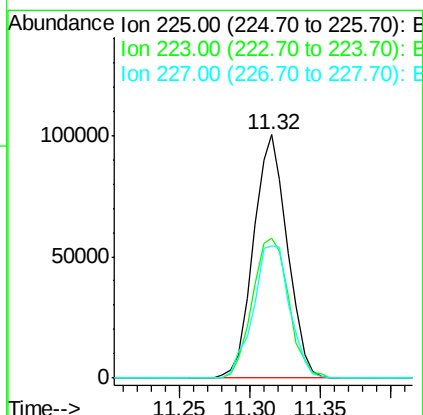
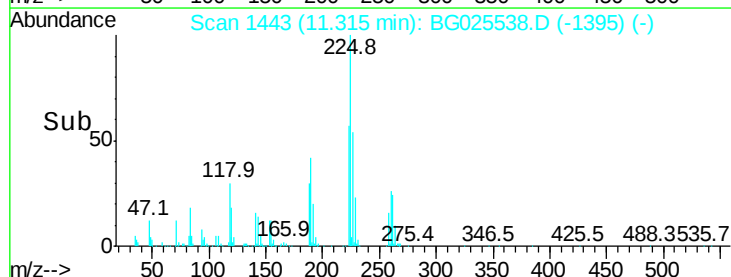
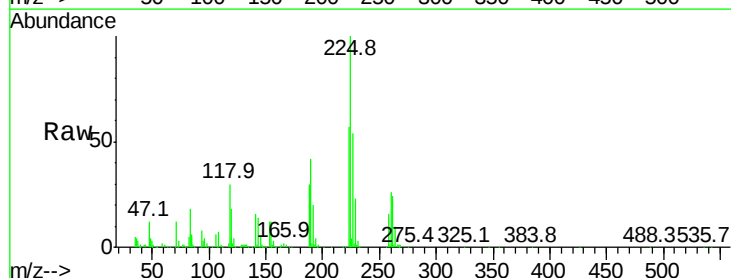
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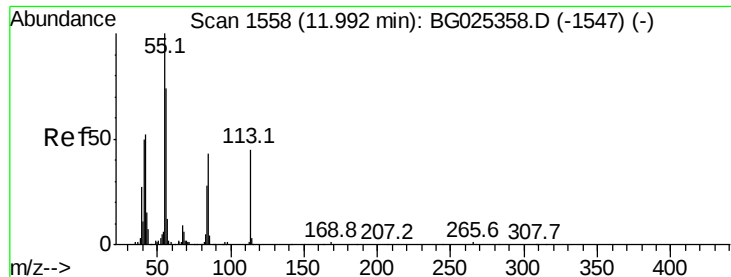
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#34  
Hexachlorobutadiene  
Concen: 38.99 ng  
RT: 11.32 min Scan# 1443  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 57.5  | 50.7  | 76.1  |
| 227     | 55.9  | 49.0  | 73.6  |





#35

Caprolactam

Concen: 42.26 ng/ml

RT: 11.96 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

ClientSampleId :

PB96135BSD

Tot Ion:113 Resp: 69415

Ion Ratio Lower Upper

113 100

55 247.8 198.6 238.6#

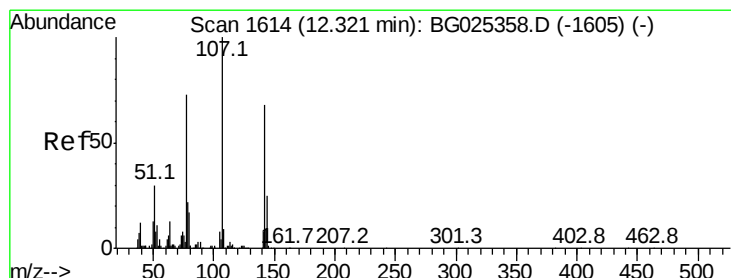
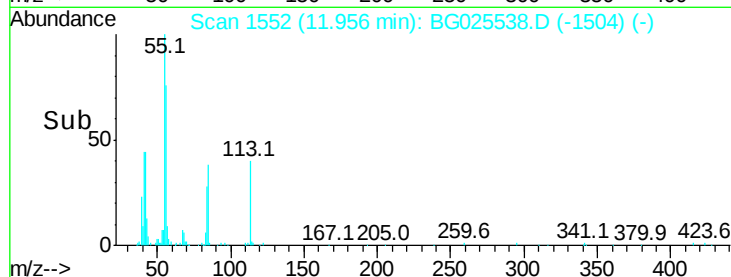
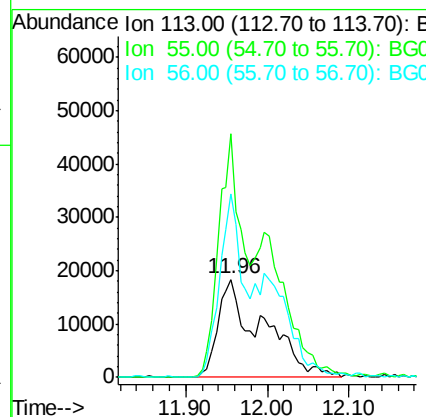
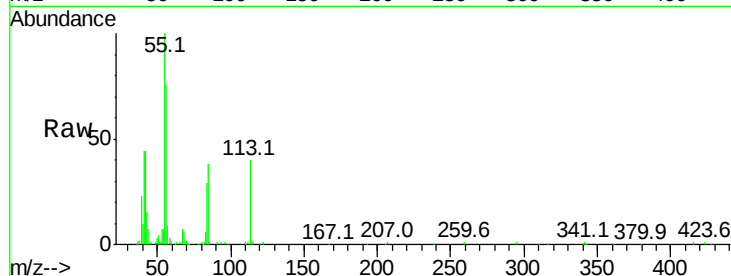
56 187.3 140.4 180.4#

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#36

4-Chloro-3-methylphenol

Concen: 43.18 ng/ml

RT: 12.29 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

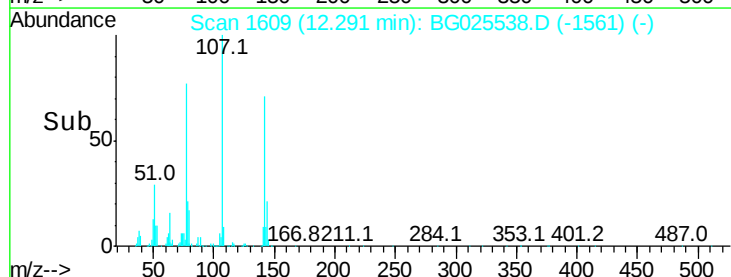
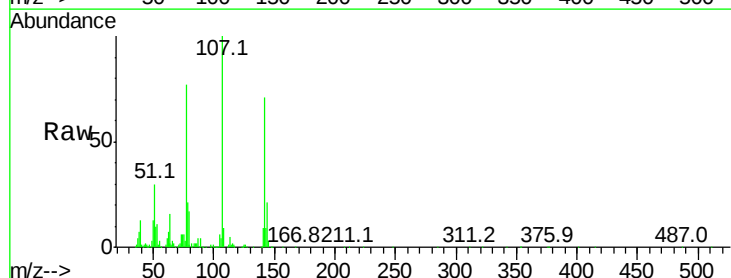
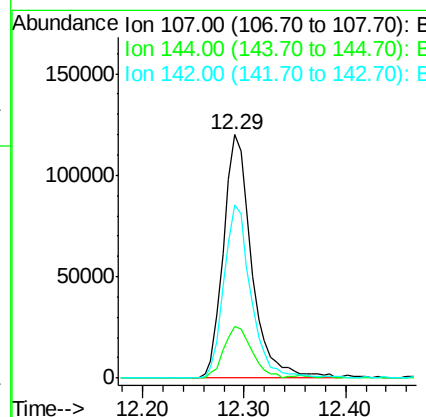
Tgt Ion:107 Resp: 232983

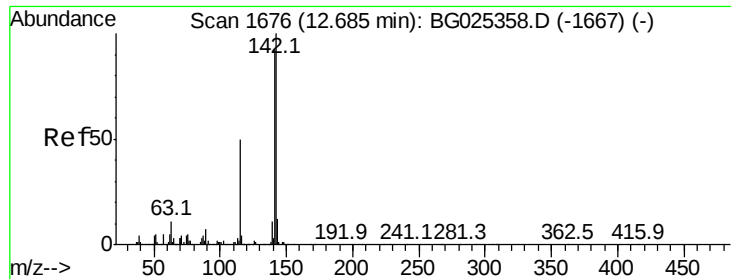
Ion Ratio Lower Upper

107 100

144 21.4 17.4 26.0

142 70.9 54.1 81.1





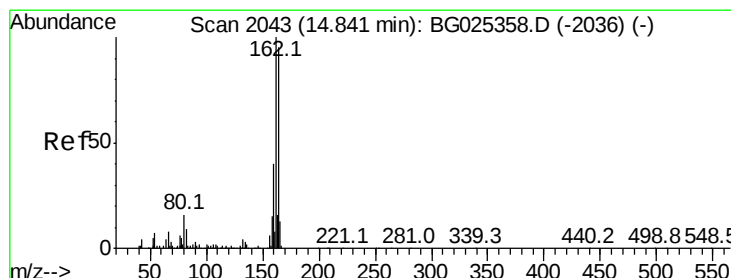
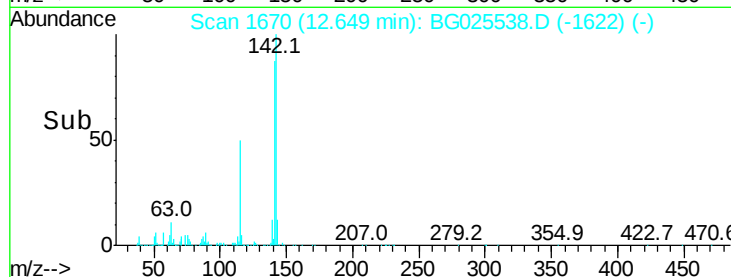
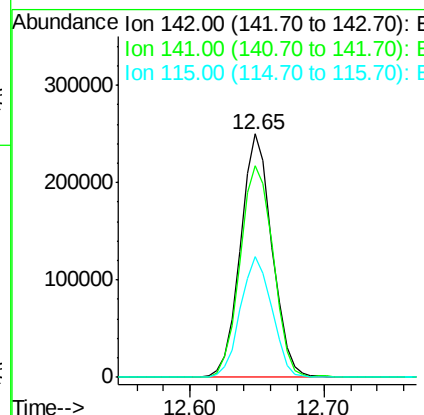
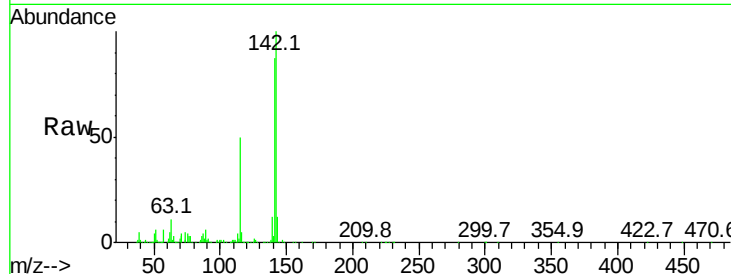
#37  
2-Methylnaphthalene  
Concen: 42.25 ng  
RT: 12.65 min Scan# 1670  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 409223 |       |       |
| 141     | 87.0  |        | 70.4  | 105.6 |
| 115     | 49.6  |        | 35.5  | 53.3  |

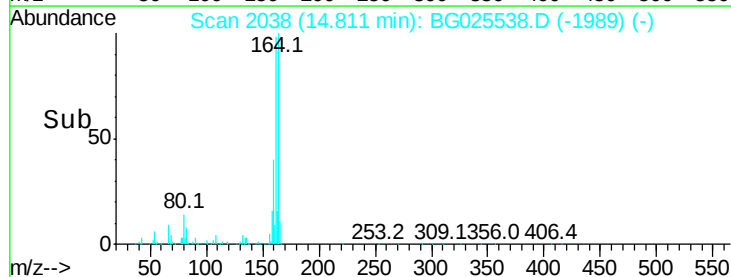
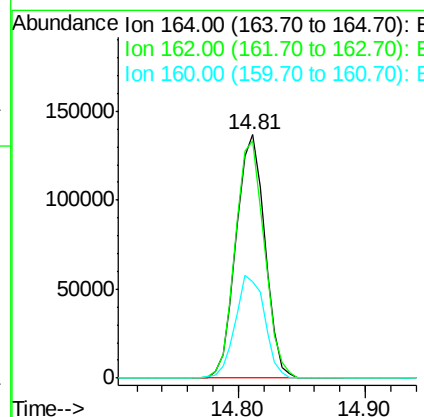
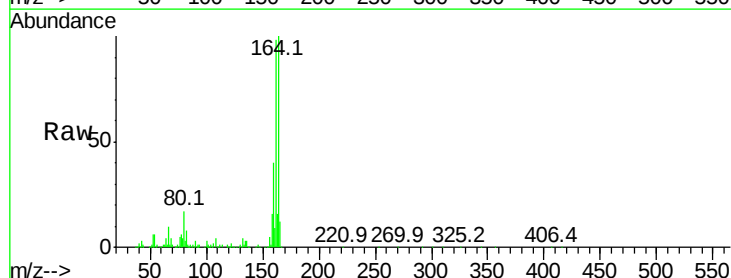
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.81 min Scan# 2038  
Delta R.T. -0.01 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 214181 |       |       |
| 162     | 97.5  |        | 85.1  | 127.7 |
| 160     | 39.8  |        | 34.7  | 52.1  |





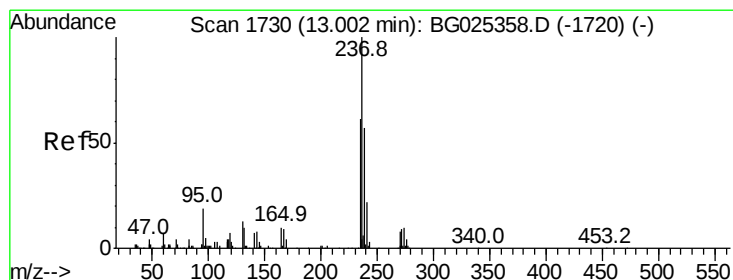
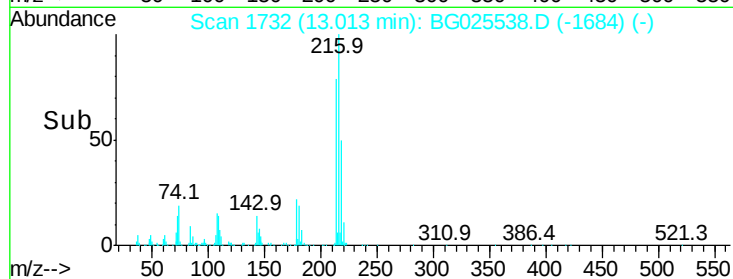
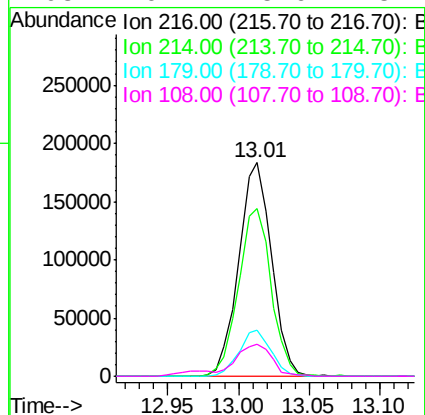
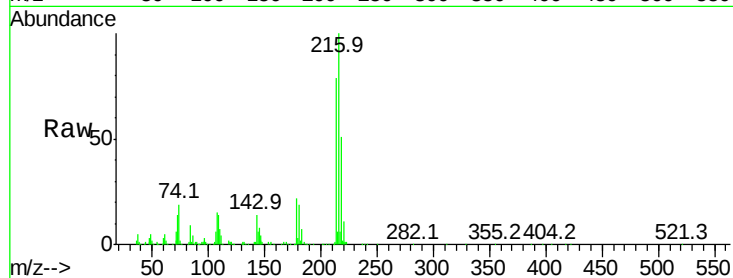
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.23 ng  
 RT: 13.01 min Scan# 1732  
 Delta R.T. -0.02 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB96135BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 78.1  | 64.4       | 96.6  |
| 179     | 20.9  | 17.4       | 26.0  |
| 108     | 16.1  | 15.6       | 23.4  |

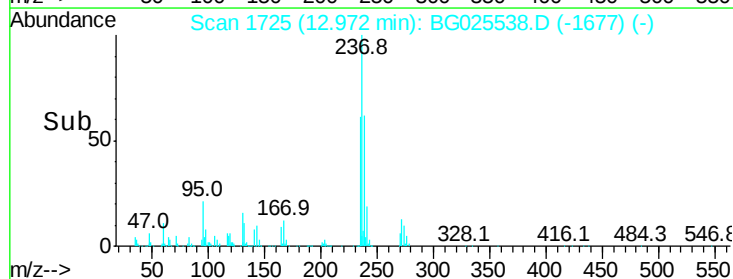
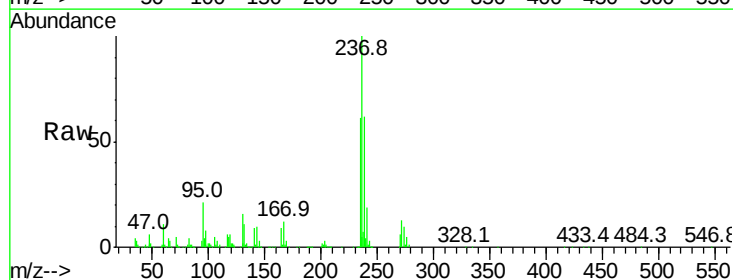
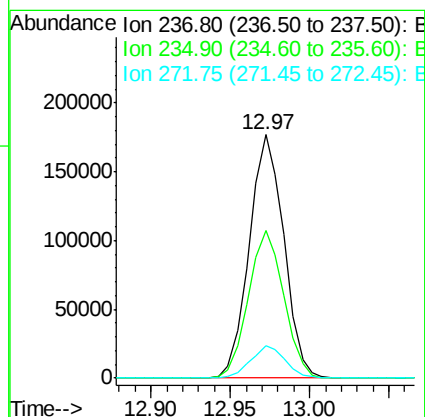
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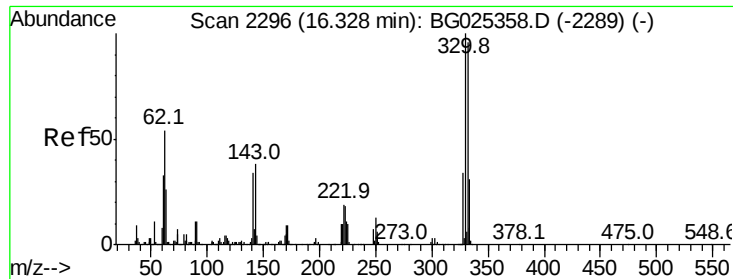
mohammad  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 101.08 ng  
 RT: 12.97 min Scan# 1725  
 Delta R.T. -0.02 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 60.8  | 39.4       | 79.4  |
| 272     | 13.4  | 0.0        | 32.0  |





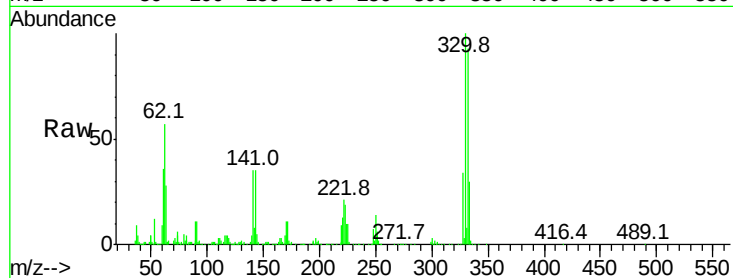
#41  
 2,4,6-Tribromophenol  
 Concen: 123.50 ng  
 RT: 16.30 min Scan# 2291  
 Delta R.T. -0.02 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB96135BSD

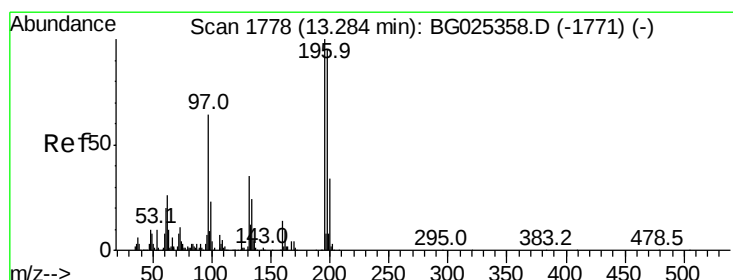
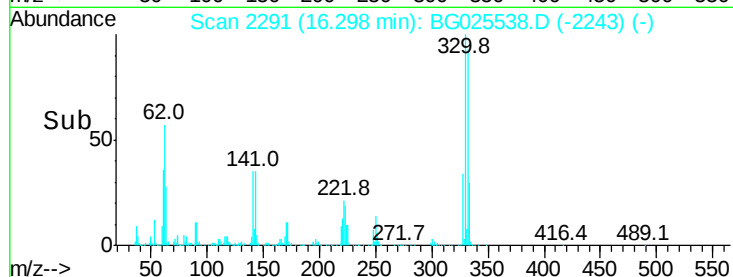
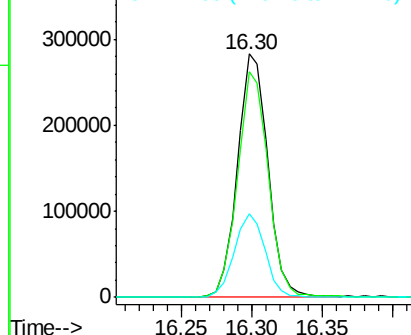
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 425844 |       |       |
| 332     | 93.4  | 77.3   | 115.9 |       |
| 141     | 34.8  | 32.1   | 48.1  |       |

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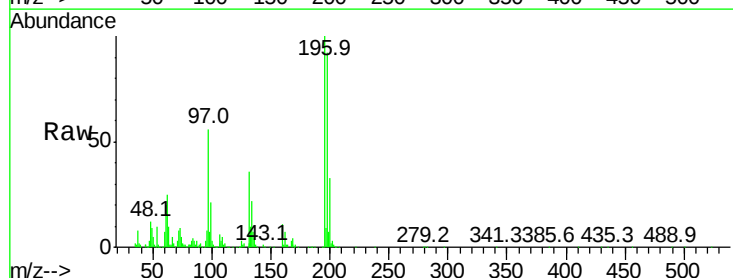


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

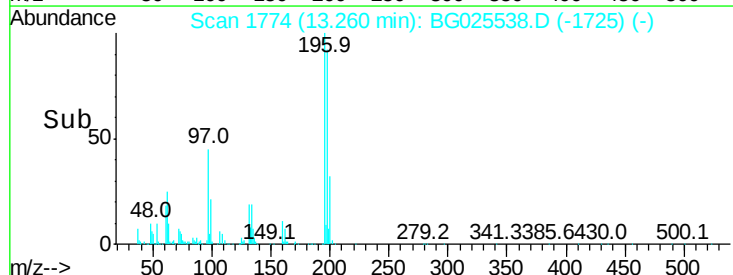
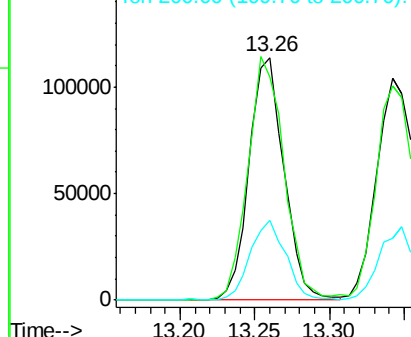


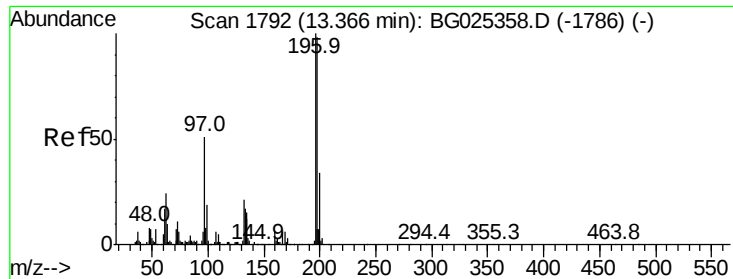
#42  
 2,4,6-Trichlorophenol  
 Concen: 41.35 ng  
 RT: 13.26 min Scan# 1774  
 Delta R.T. -0.01 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 184129 |       |       |
| 198     | 92.1  | 81.4   | 122.2 |       |
| 200     | 33.0  | 27.0   | 40.6  |       |



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





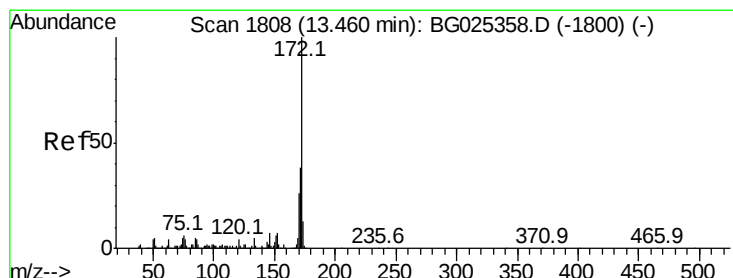
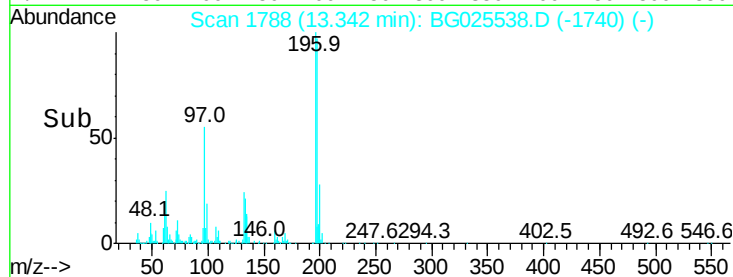
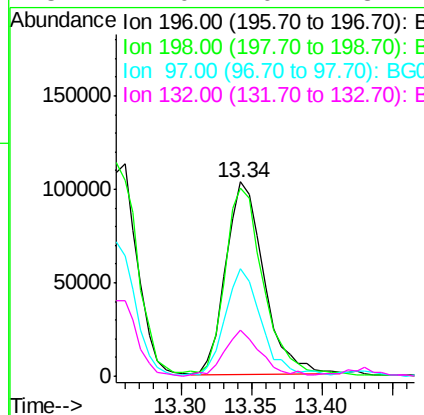
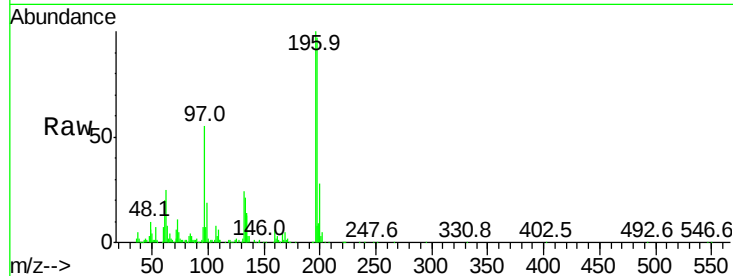
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.70 ng  
 RT: 13.34 min Scan# 1788  
 Delta R.T. -0.02 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB96135BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 194346 |       |       |
| 198     | 97.0  | 79.9   | 119.9 |       |
| 97      | 55.3  | 45.4   | 68.0  |       |
| 132     | 24.0  | 20.7   | 31.1  |       |

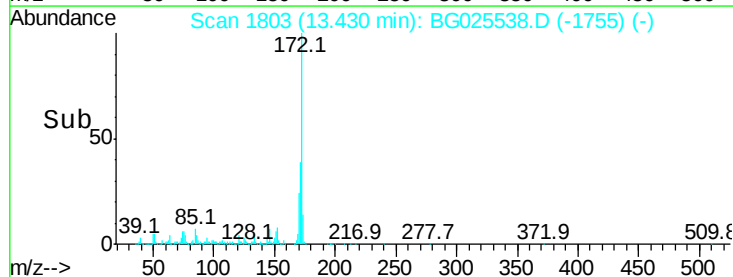
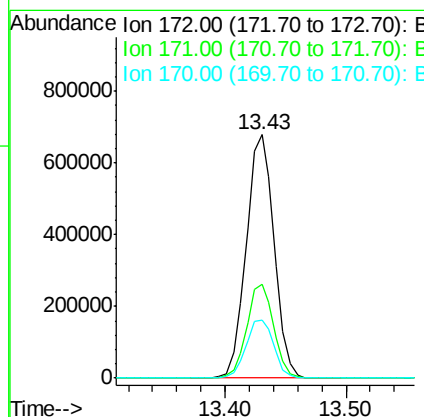
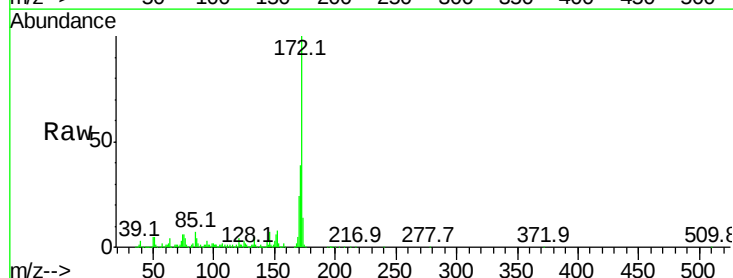
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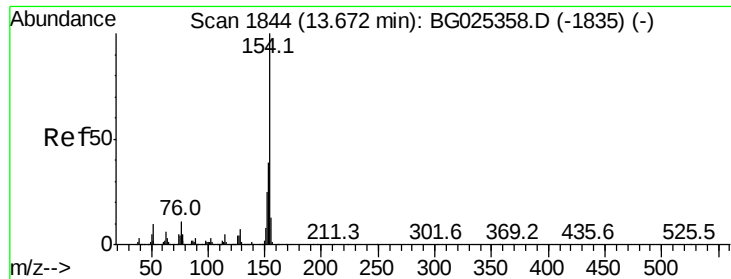
mohammad  
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#44  
 2-Fluorobiphenyl  
 Concen: 82.28 ng  
 RT: 13.43 min Scan# 1803  
 Delta R.T. -0.02 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1088480 |       |       |
| 171     | 38.7  | 32.2    | 48.2  |       |
| 170     | 23.8  | 21.8    | 32.6  |       |





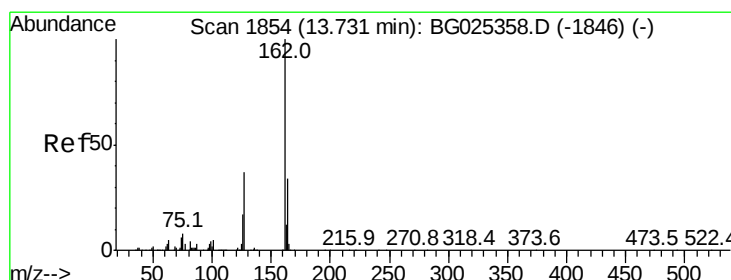
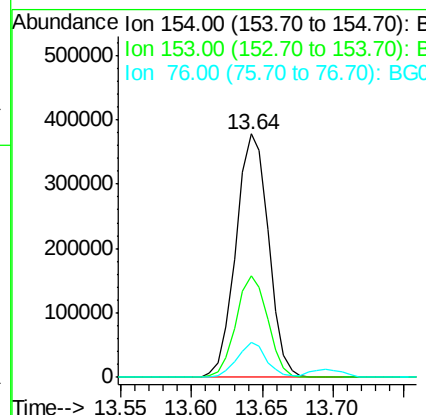
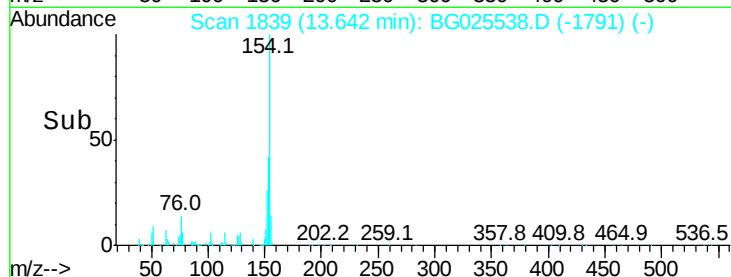
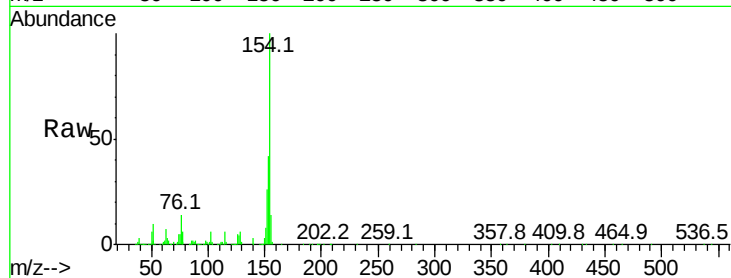
#45  
 1,1'-Biphenyl  
 Concen: 42.06 ng  
 RT: 13.64 min Scan# 1839  
 Delta R.T. -0.02 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.7  | 23.0  | 63.0  |
| 76      | 14.4  | 0.0   | 33.5  |

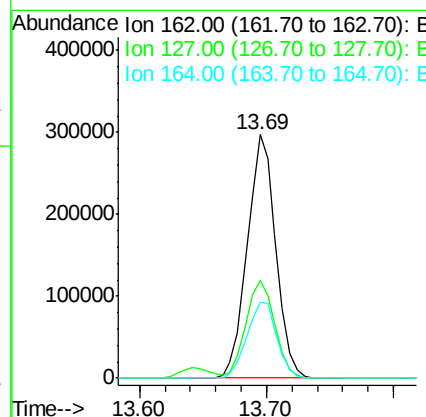
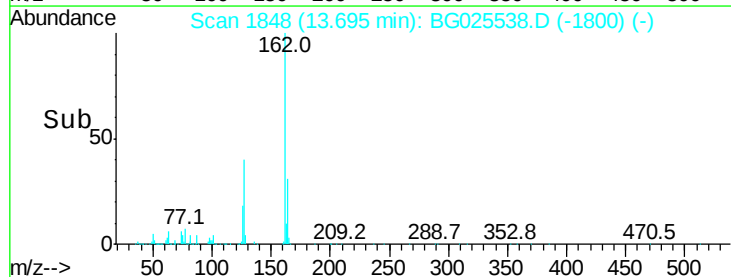
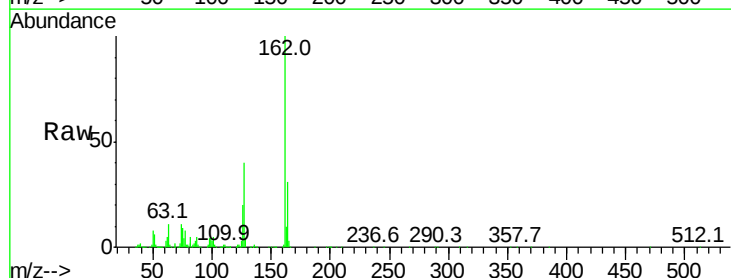
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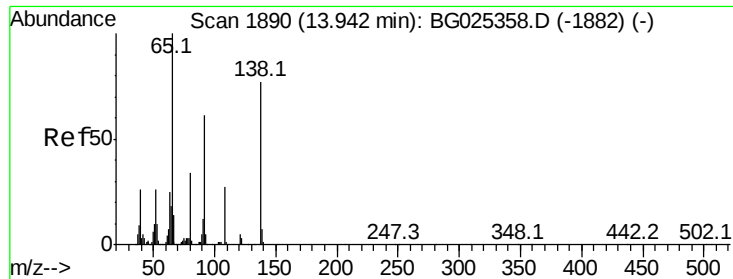
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#46  
 2-Chloronaphthalene  
 Concen: 41.03 ng  
 RT: 13.69 min Scan# 1848  
 Delta R.T. -0.02 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.1  | 32.2  | 48.4  |
| 164     | 31.0  | 27.3  | 40.9  |





#47

2-Nitroaniline

Concen: 41.40 ng

RT: 13.91 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

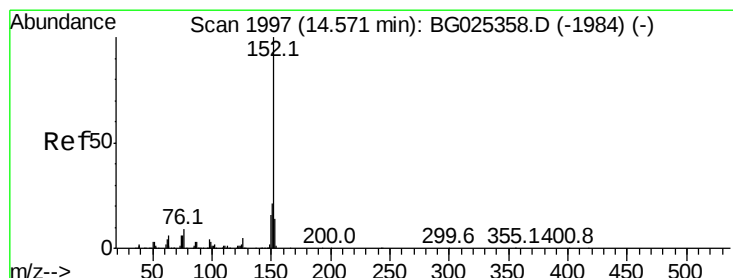
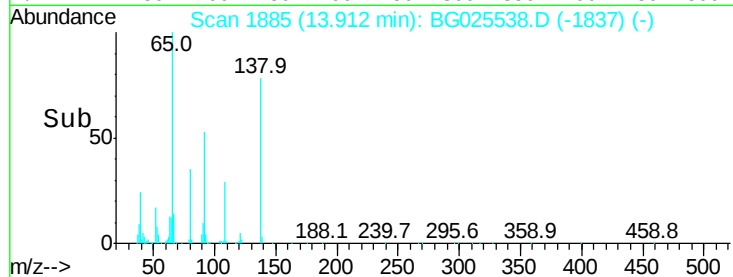
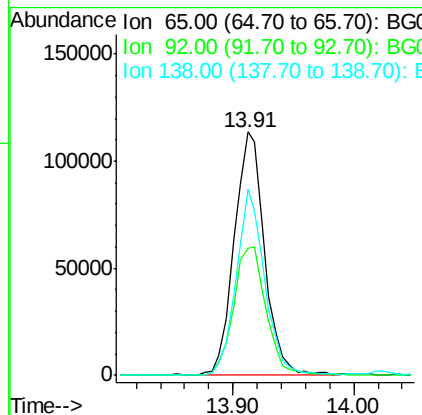
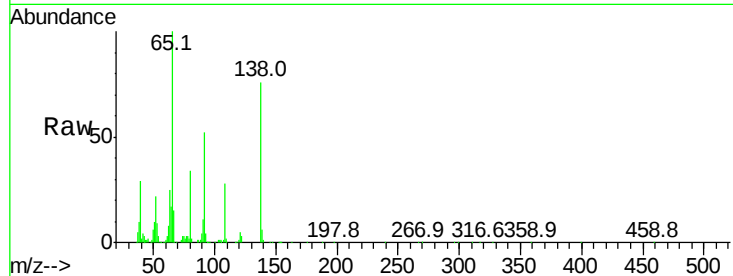
ClientSampleId :

PB96135BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 196684 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 52.4  | 49.0  | 73.4   |
| 138       | 76.2  | 58.6  | 87.8   |

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#48

Acenaphthylene

Concen: 40.79 ng

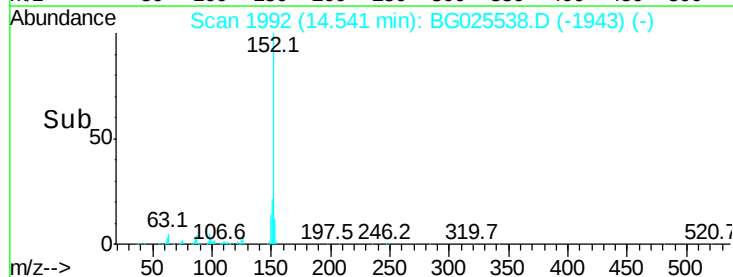
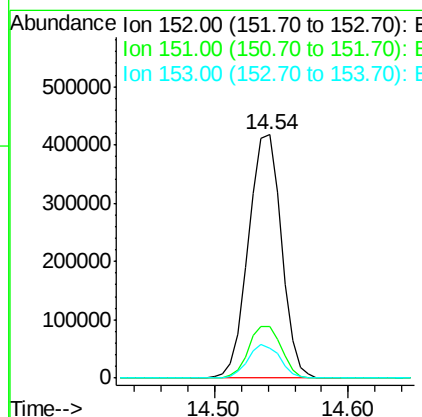
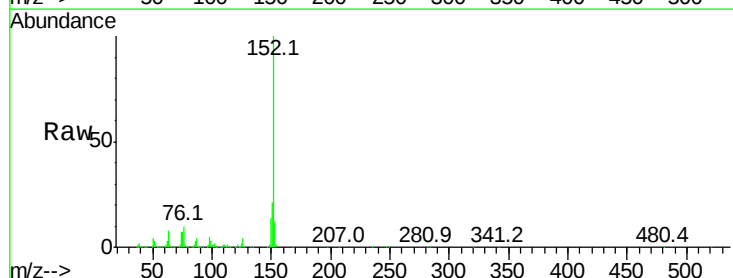
RT: 14.54 min Scan# 1992

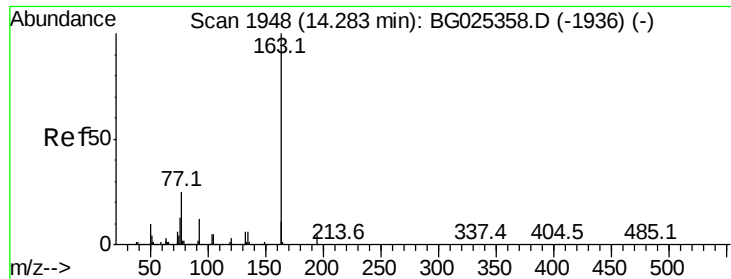
Delta R.T. -0.01 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 711462 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.1  | 18.2  | 27.2   |
| 153       | 12.3  | 11.3  | 16.9   |





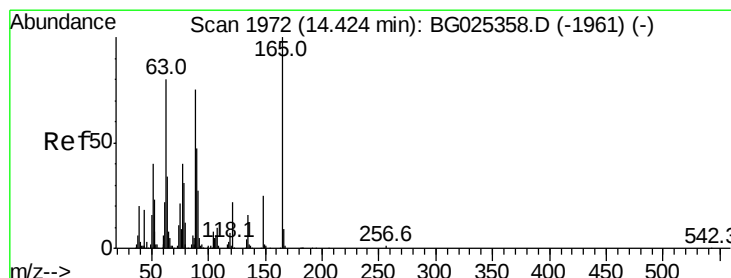
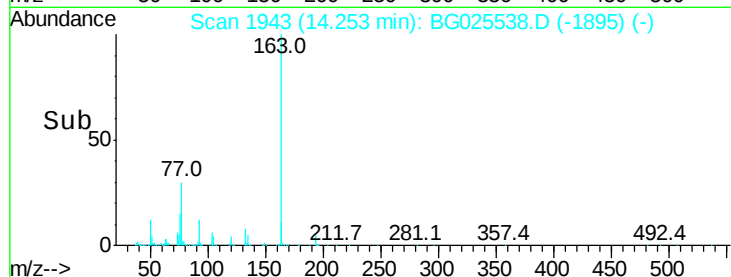
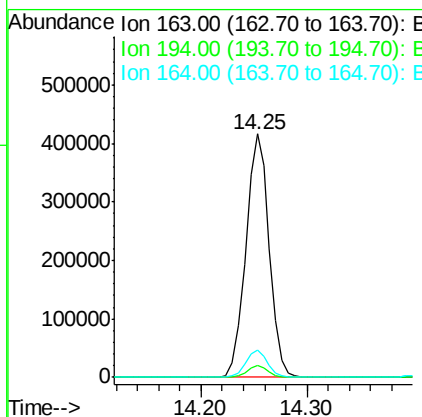
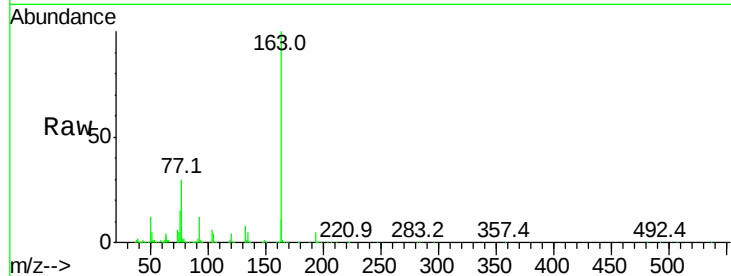
#49  
Dimethylphthalate  
Concen: 40.57 ng  
RT: 14.25 min Scan# 1943  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 633475 |       |       |
| 194     | 4.7   |        | 3.8   | 5.6   |
| 164     | 11.4  |        | 9.3   | 13.9  |

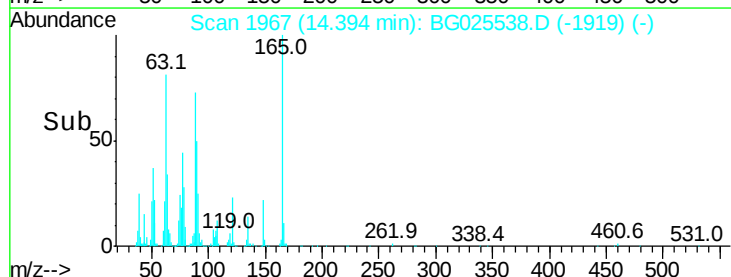
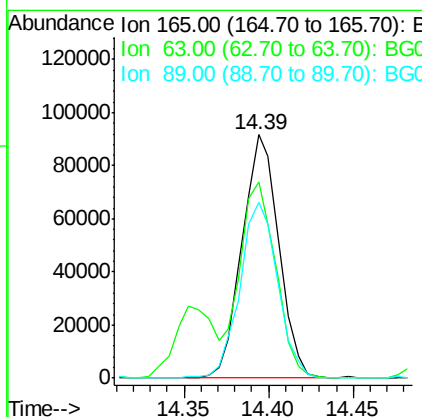
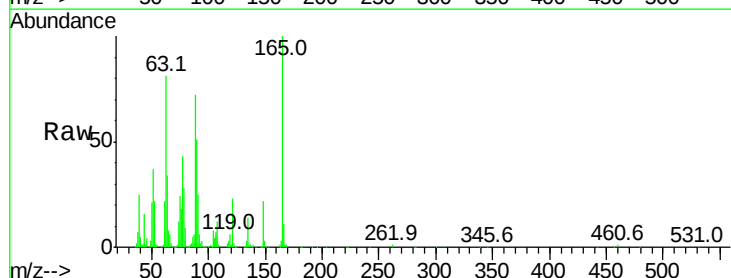
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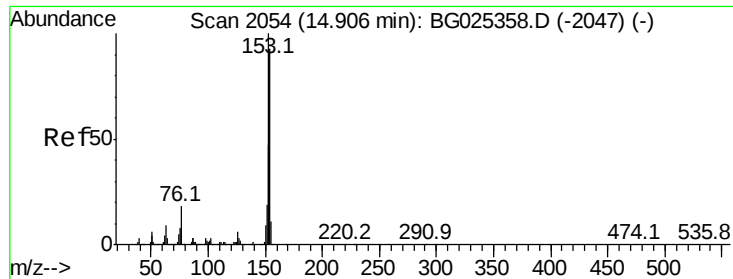
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#50  
2,6-Dinitrotoluene  
Concen: 40.65 ng  
RT: 14.39 min Scan# 1967  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 138656 |       |       |
| 63      | 80.6  |        | 63.9  | 95.9  |
| 89      | 72.4  |        | 58.6  | 88.0  |





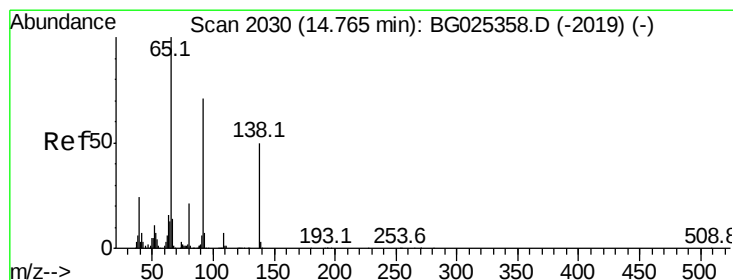
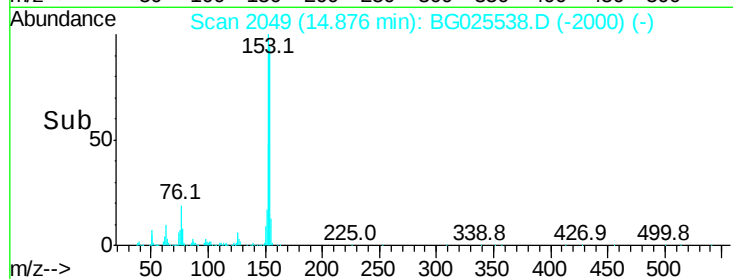
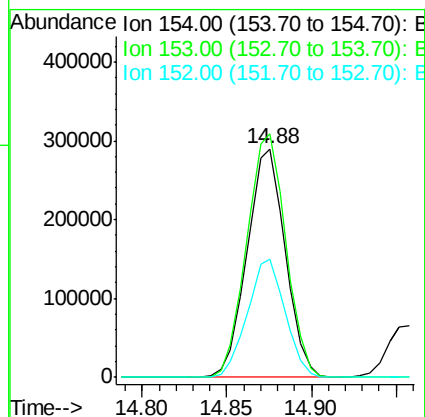
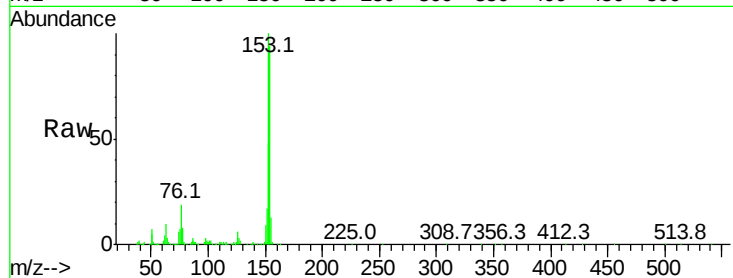
#51  
Acenaphthene  
Concen: 39.91 ng  
RT: 14.88 min Scan# 2049  
Delta R.T. -0.01 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 106.5 | 87.8  | 131.6 |
| 152     | 51.6  | 42.2  | 63.4  |

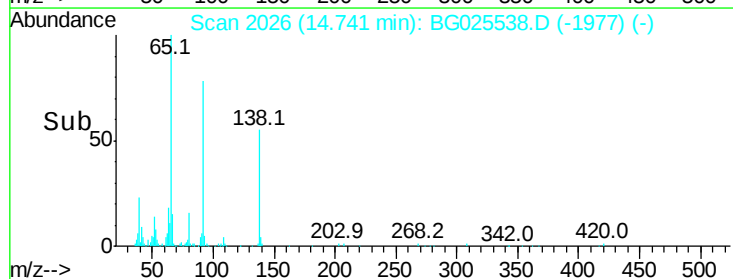
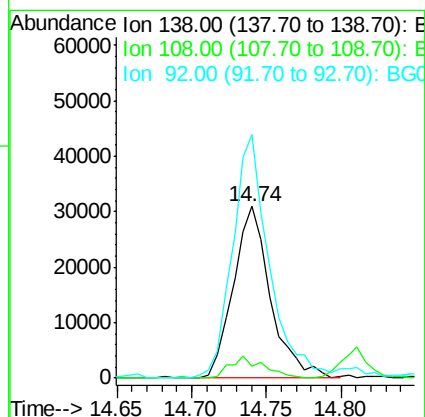
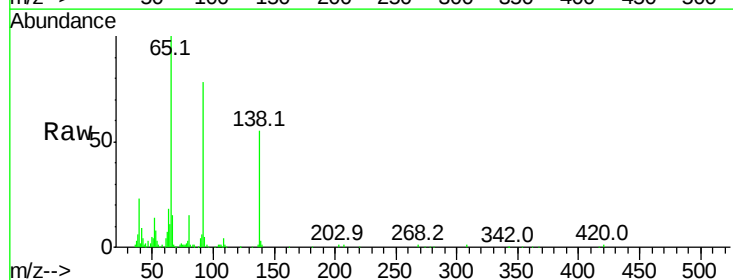
Manual Integrations  
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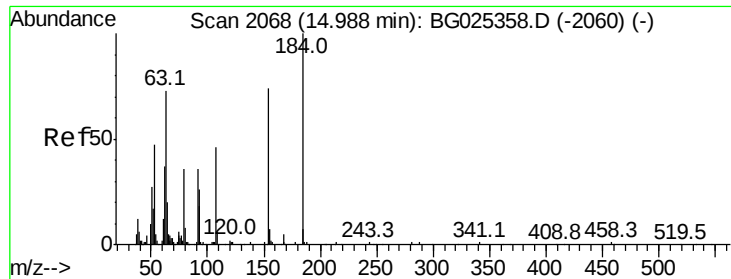
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#52  
3-Nitroaniline  
Concen: 16.32 ng  
RT: 14.74 min Scan# 2026  
Delta R.T. -0.01 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 7.0   | 10.9  | 16.3# |
| 92      | 141.6 | 115.3 | 172.9 |





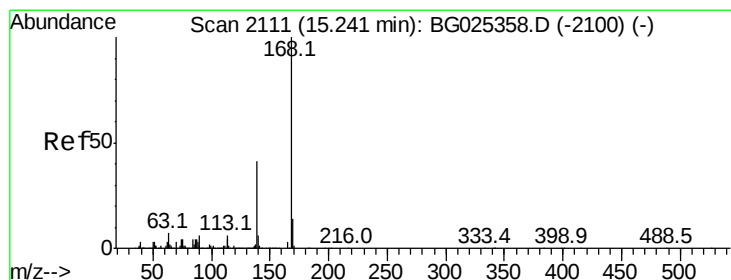
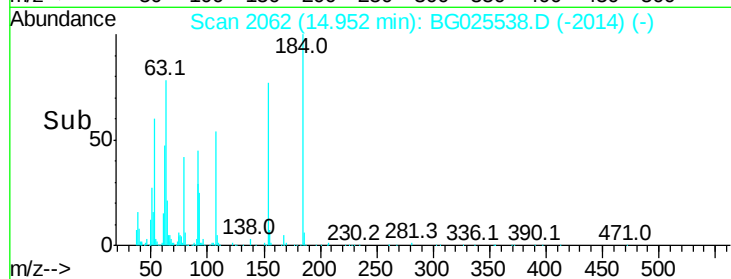
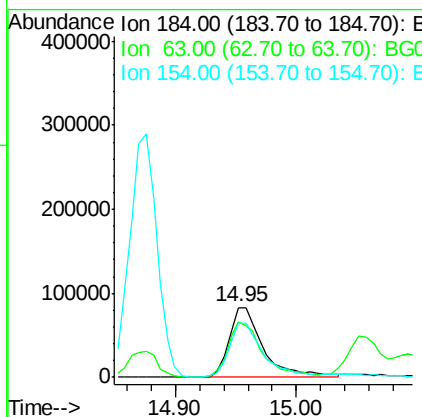
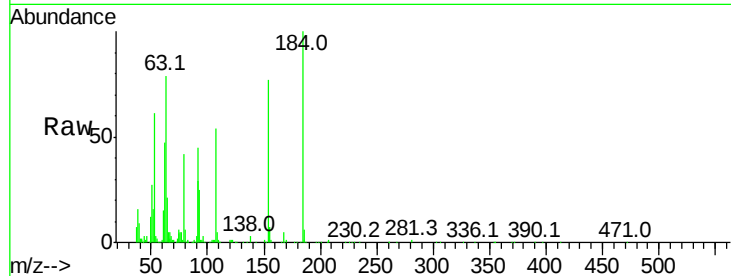
#53  
2,4-Dinitrophenol  
Concen: 73.01 ng  
RT: 14.95 min Scan# 2062  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 79.2  | 52.7  | 79.1# |
| 154     | 77.4  | 57.3  | 85.9  |

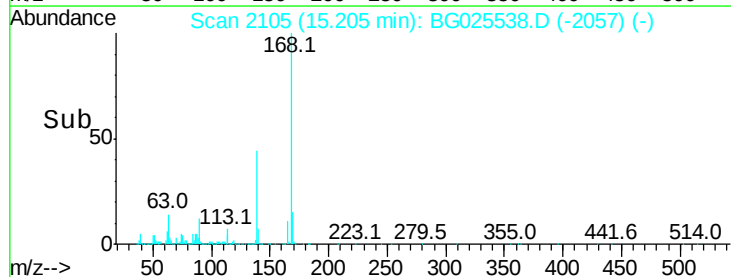
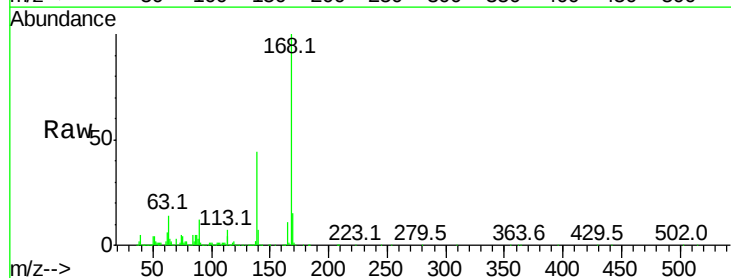
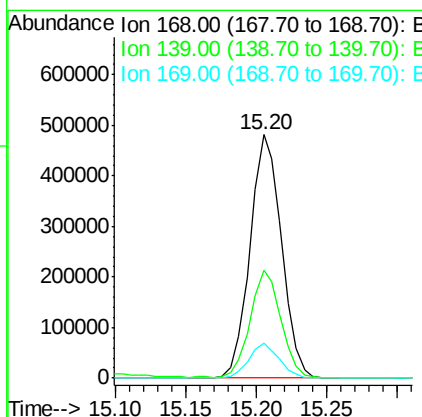
Manual Integrations  
APPROVED

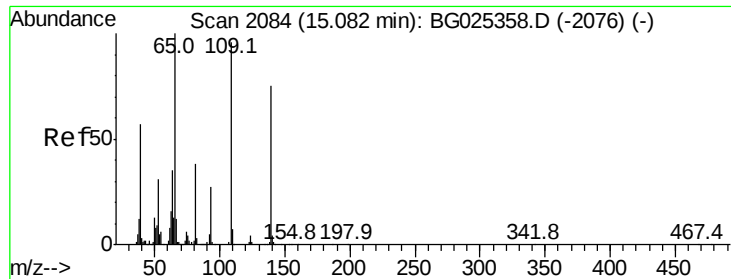
mohammad  
1/23/2017 4:59:31 PM



#54  
Dibenzofuran  
Concen: 41.73 ng  
RT: 15.20 min Scan# 2105  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 44.4  | 35.3  | 52.9  |
| 169     | 14.5  | 11.5  | 17.3  |





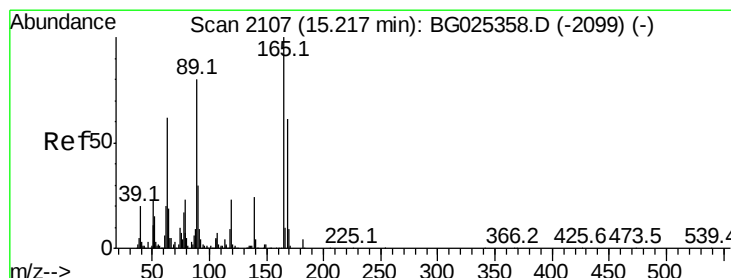
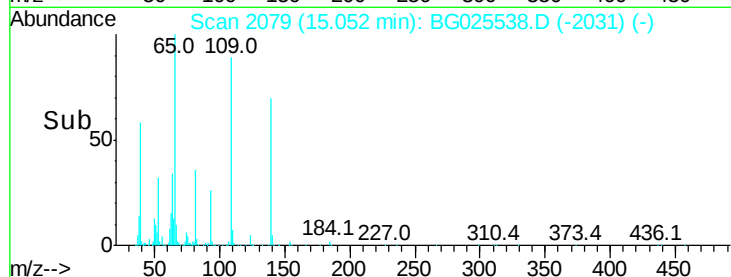
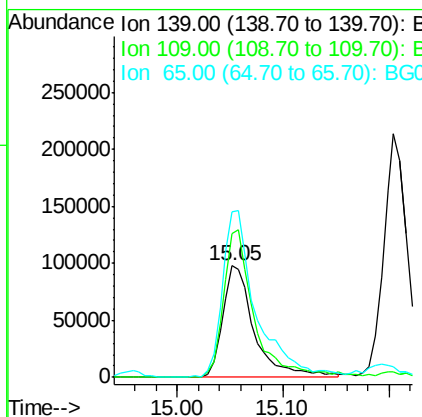
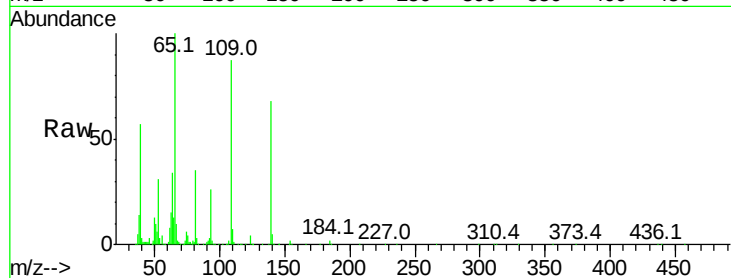
#55  
4-Nitrophenol  
Concen: 82.65 ng  
RT: 15.05 min Scan# 2079  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 128.3 | 101.2 | 141.2 |
| 65      | 147.7 | 135.3 | 175.3 |

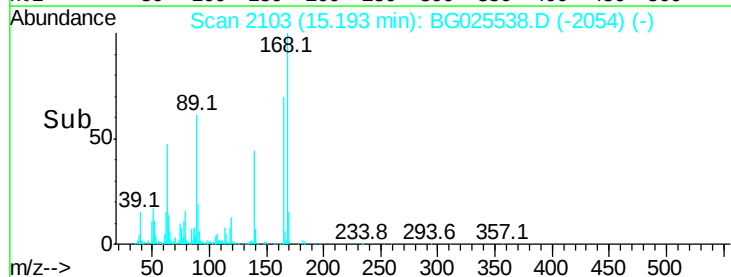
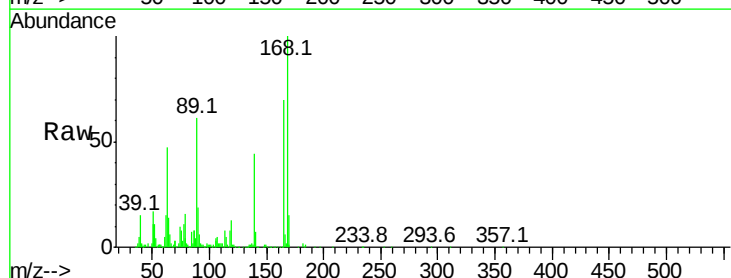
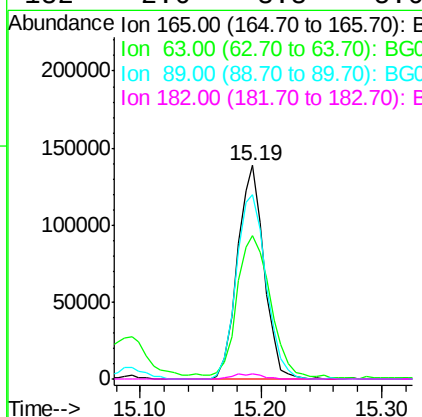
Manual Integrations  
APPROVED

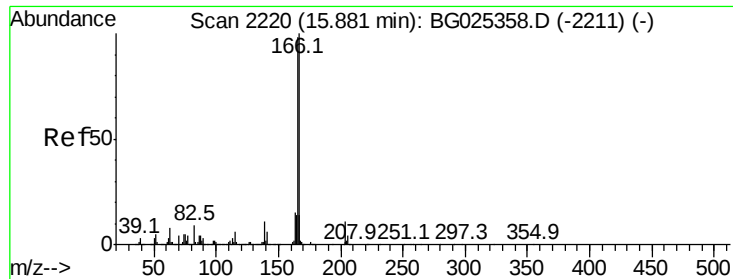
mohammad  
1/23/2017 4:59:31 PM



#56  
2,4-Dinitrotoluene  
Concen: 42.76 ng  
RT: 15.19 min Scan# 2103  
Delta R.T. -0.01 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 67.0  | 44.0  | 66.0# |
| 89      | 86.6  | 67.3  | 100.9 |
| 182     | 2.6   | 3.8   | 5.6#  |





#57

Fluorene

Concen: 40.44 ng

RT: 15.85 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

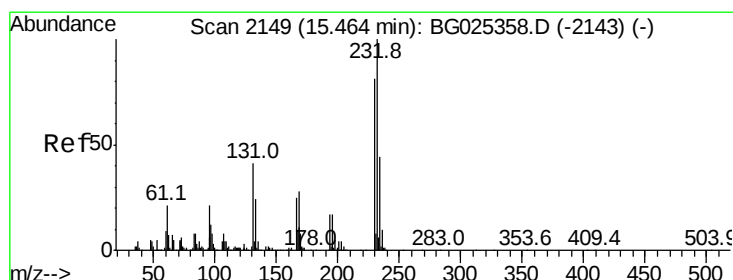
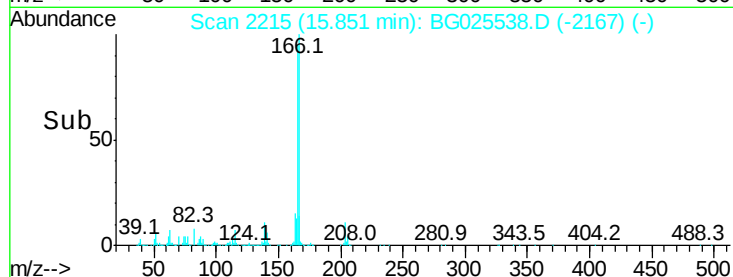
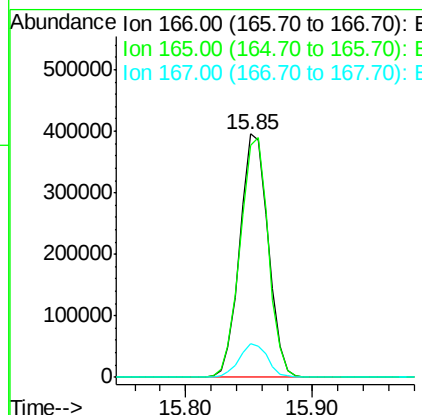
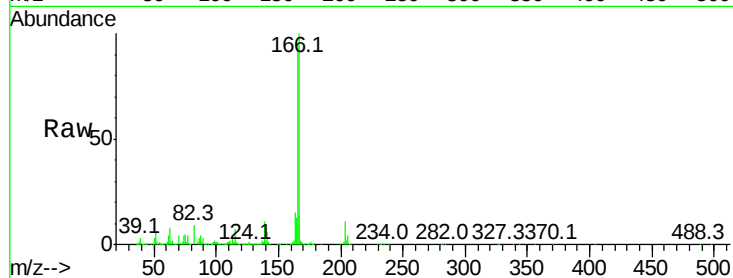
ClientSampleId :

PB96135BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 610655 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 95.2  | 78.6  | 117.8  |
| 167       | 13.9  | 11.6  | 17.4   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.59 ng

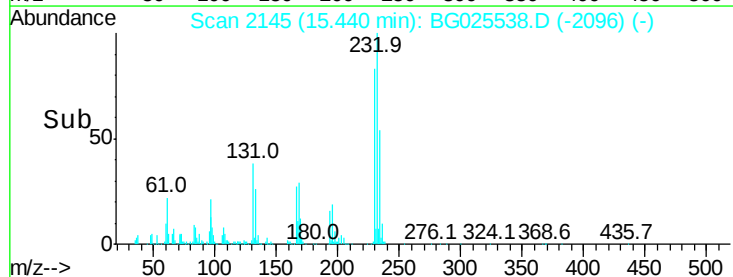
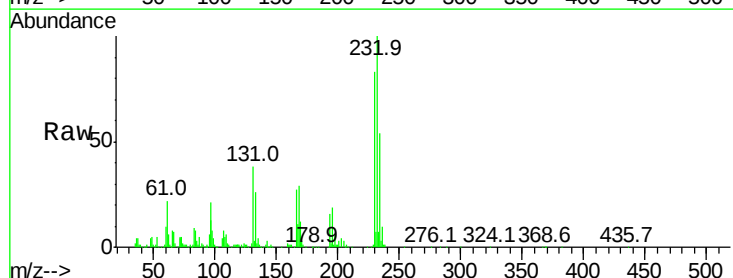
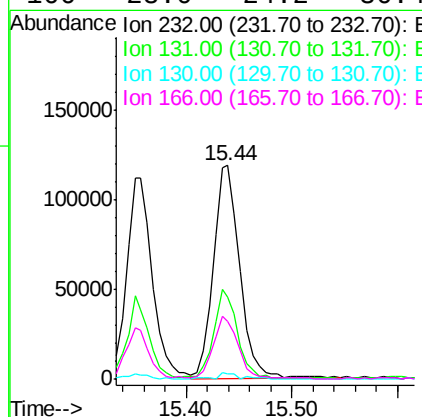
RT: 15.44 min Scan# 2145

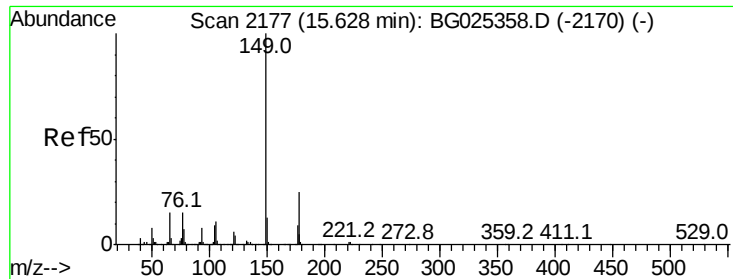
Delta R.T. -0.01 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 207661 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 37.9  | 34.9  | 52.3   |
| 130       | 2.2   | 2.3   | 3.5#   |
| 166       | 28.0  | 24.2  | 36.4   |





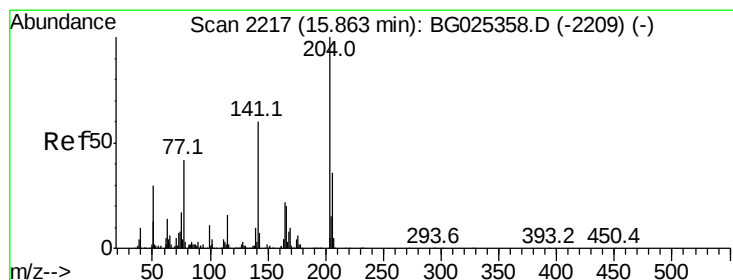
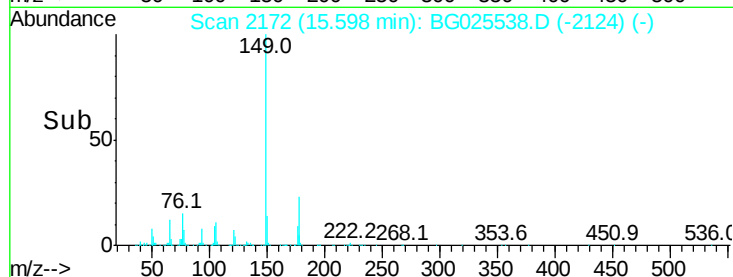
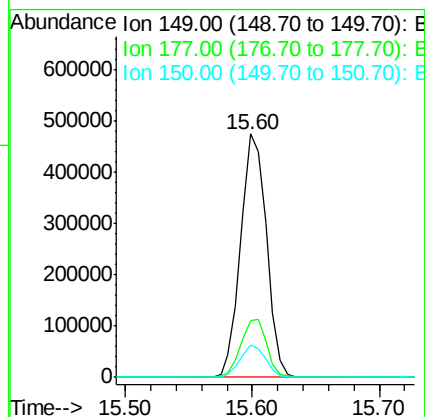
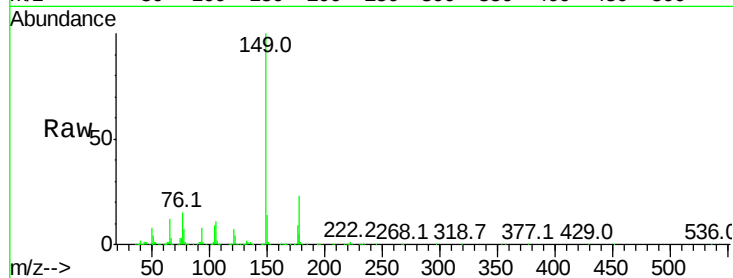
#59  
Diethylphthalate  
Concen: 40.77 ng  
RT: 15.60 min Scan# 2172  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 667499 |       |       |
| 177     | 23.1  |        | 20.1  | 30.1  |
| 150     | 13.6  |        | 10.2  | 15.2  |

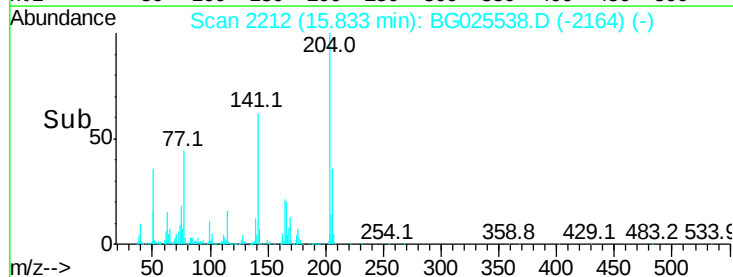
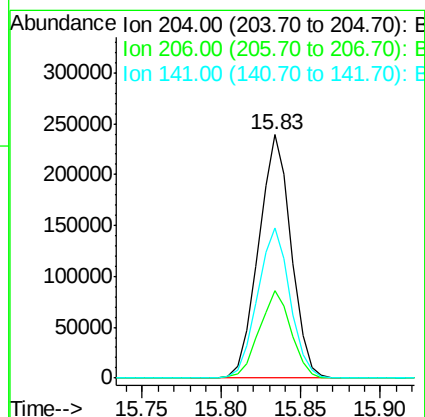
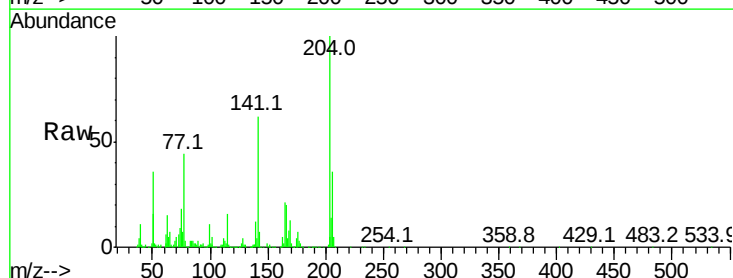
Manual Integrations  
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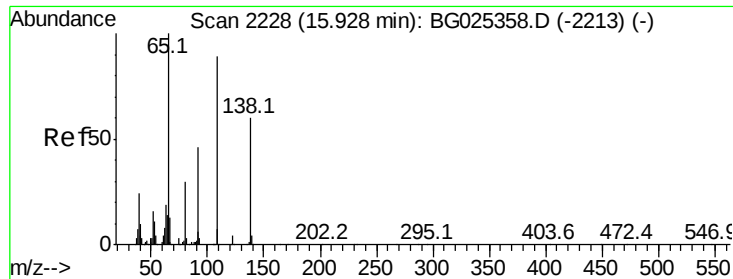
mohammad  
1/23/2017 4:59:31 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 39.80 ng  
RT: 15.83 min Scan# 2212  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 340614 |       |       |
| 206     | 35.9  |        | 30.1  | 45.1  |
| 141     | 61.5  |        | 50.6  | 76.0  |





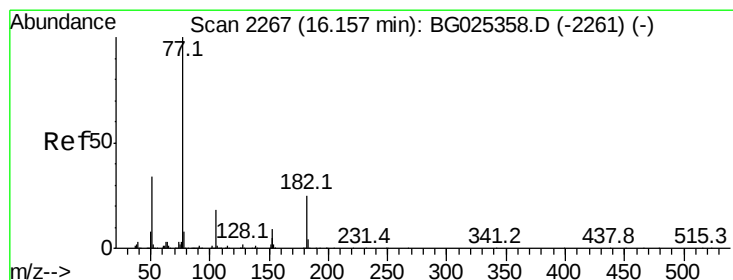
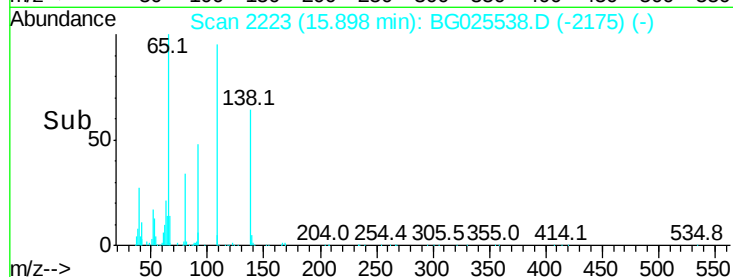
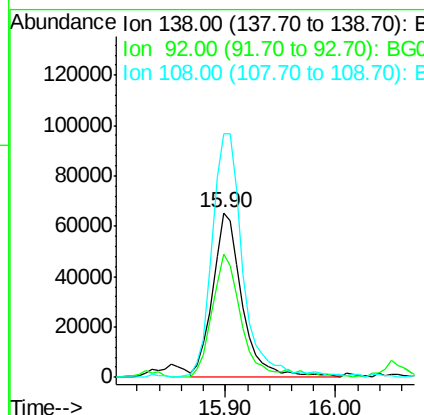
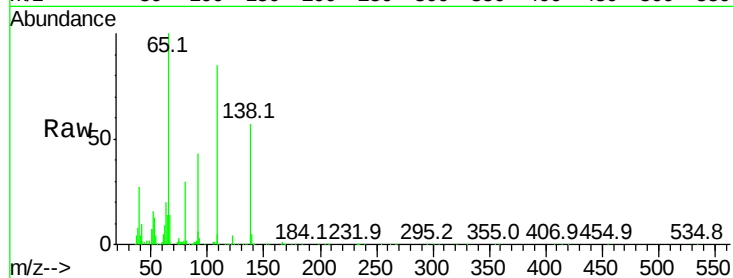
#61  
4-Nitroaniline  
Concen: 35.82 ng  
RT: 15.90 min Scan# 2223  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 75.0  | 44.2  | 84.2  |
| 108     | 148.1 | 104.8 | 144.8 |

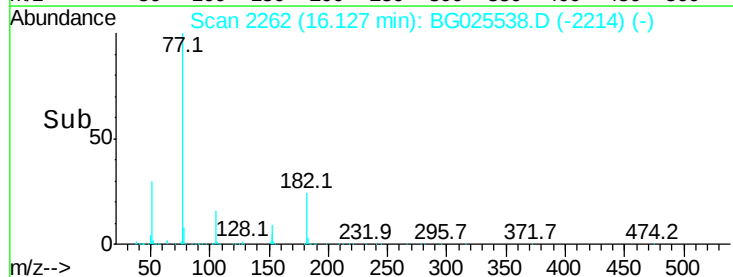
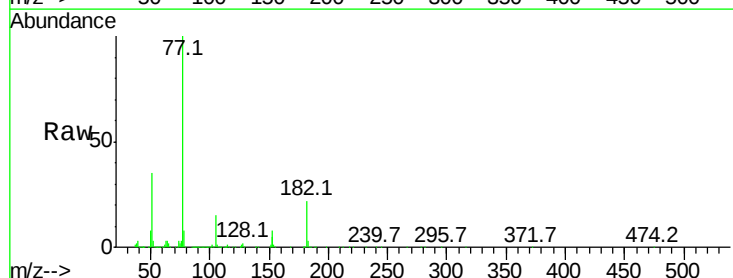
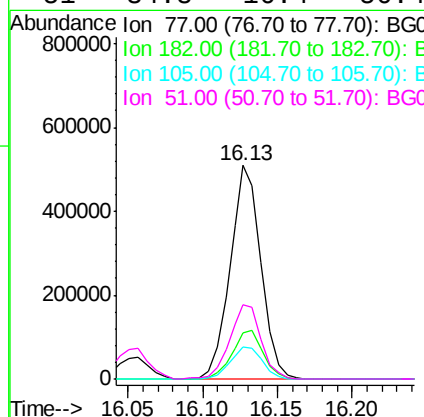
Manual Integrations  
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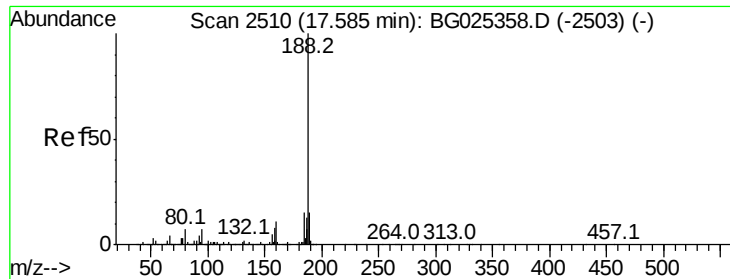
mohammad  
1/23/2017 4:59:31 PM



#62  
Azobenzene  
Concen: 46.18 ng  
RT: 16.13 min Scan# 2262  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 21.5  | 4.7   | 44.7  |
| 105     | 15.0  | 0.0   | 36.3  |
| 51      | 34.8  | 16.4  | 56.4  |





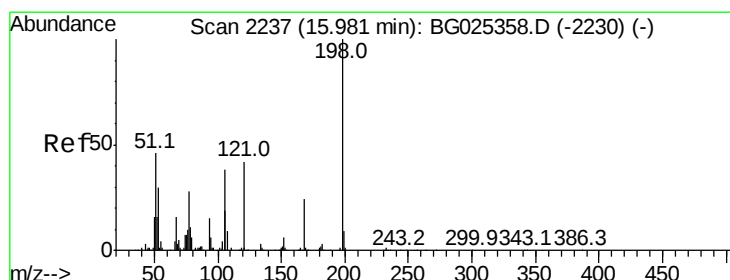
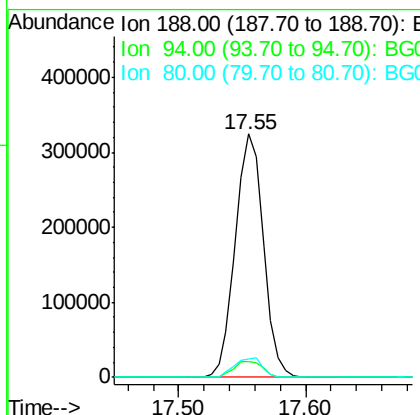
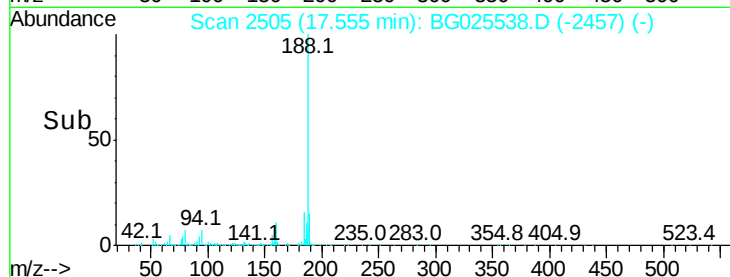
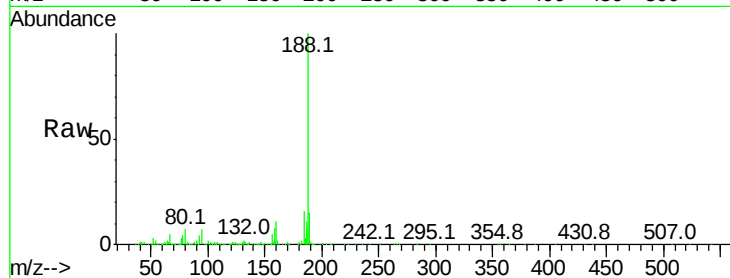
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.55 min Scan# 2505  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 6.5   | 5.8        | 8.8   |
| 80      | 7.3   | 7.5        | 11.3# |

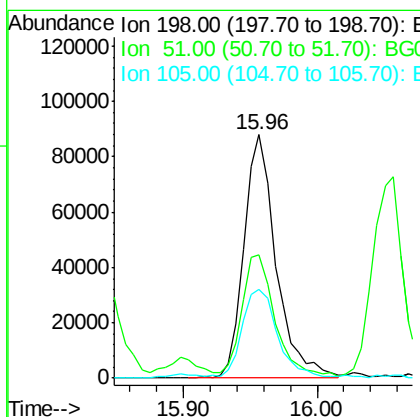
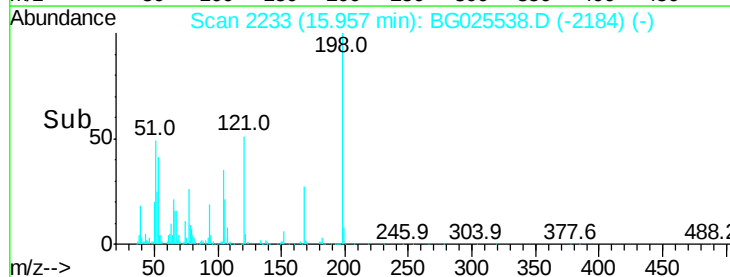
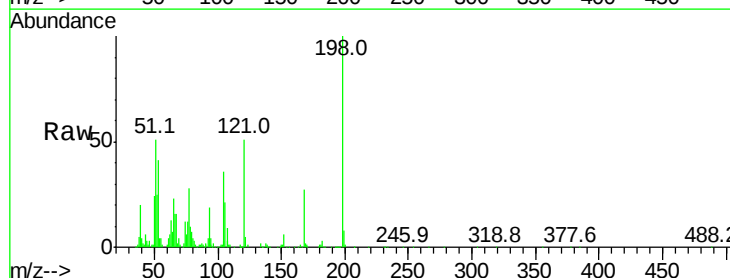
Manual Integrations  
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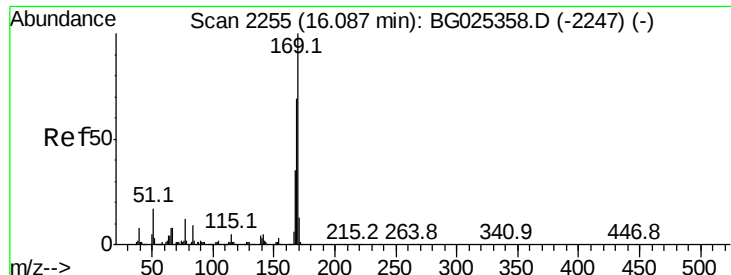
mohammad  
1/23/2017 4:59:31 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 42.30 ng  
RT: 15.96 min Scan# 2233  
Delta R.T. -0.01 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 50.8  | 22.6       | 62.6  |
| 105     | 36.4  | 14.4       | 54.4  |





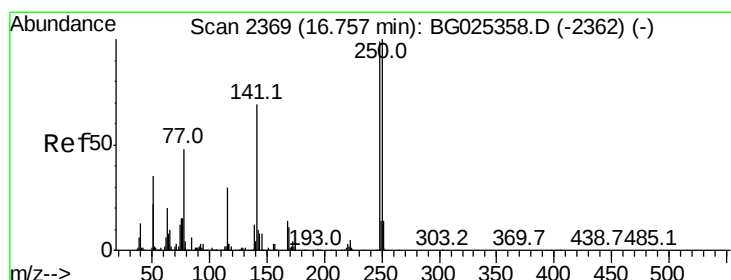
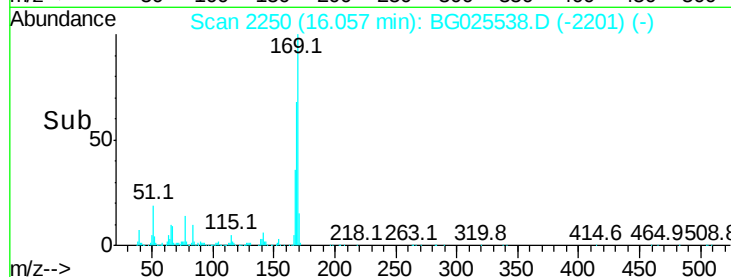
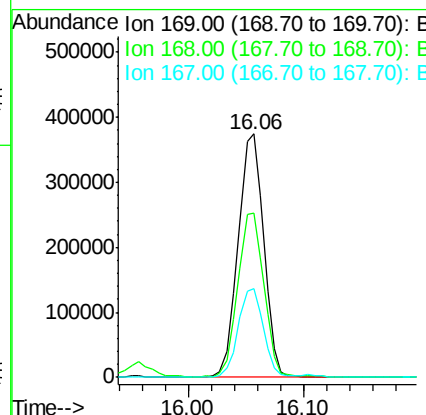
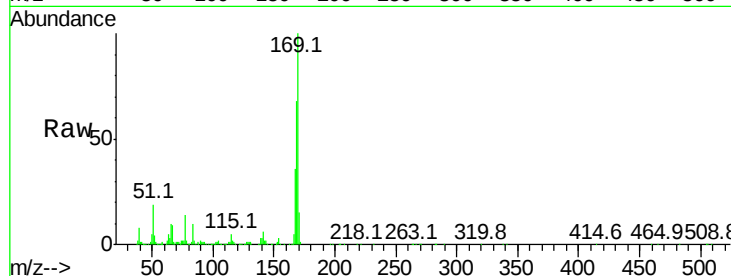
#65  
n-Nitrosodiphenylamine  
Concen: 42.78 ng  
RT: 16.06 min Scan# 2250  
Delta R.T. -0.01 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.5  | 55.7  | 83.5  |
| 167     | 36.3  | 29.8  | 44.6  |

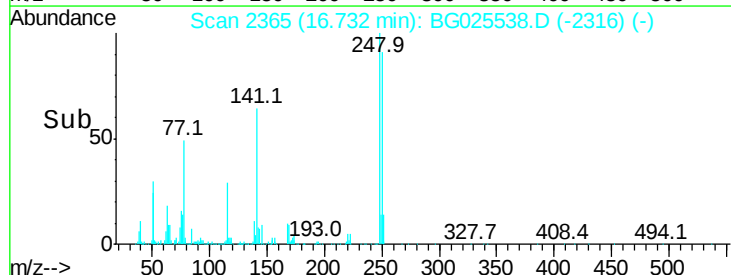
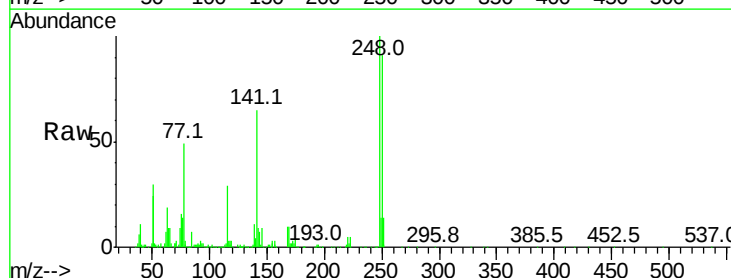
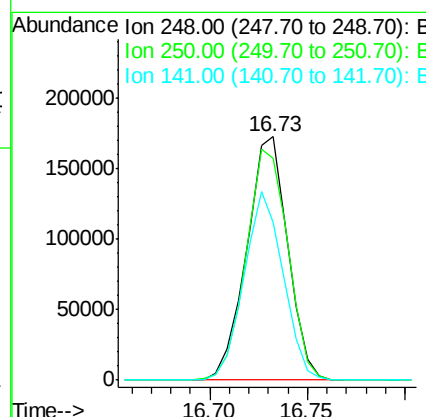
Manual Integrations  
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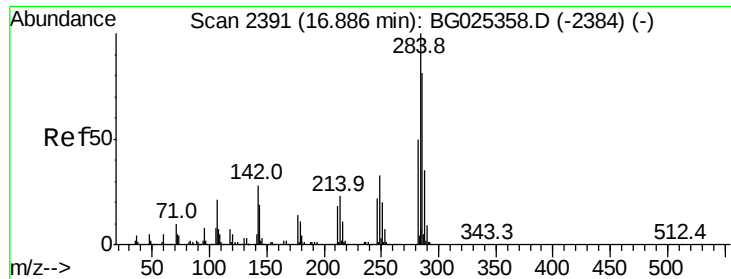
mohammad  
1/23/2017 4:59:31 PM



#66  
4-Bromophenyl-phenylether  
Concen: 40.90 ng  
RT: 16.73 min Scan# 2365  
Delta R.T. -0.01 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 91.1  | 75.0  | 112.6 |
| 141     | 64.7  | 55.2  | 82.8  |





#67

Hexachlorobenzene

Concen: 41.33 ng

RT: 16.86 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

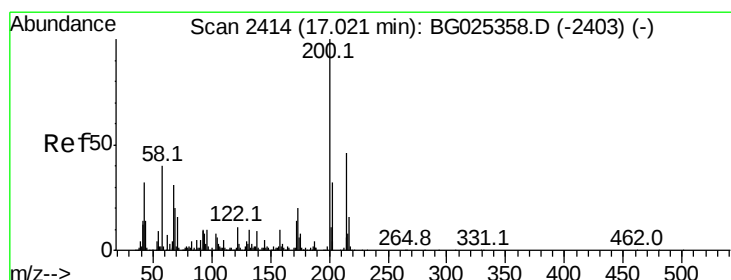
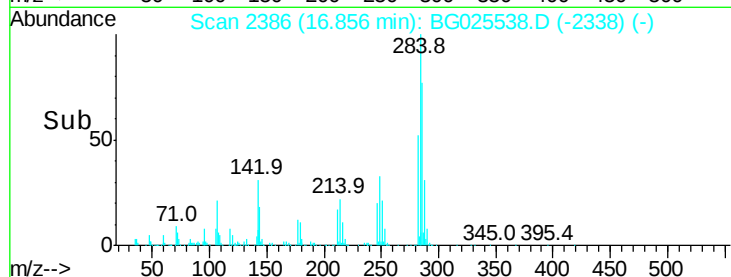
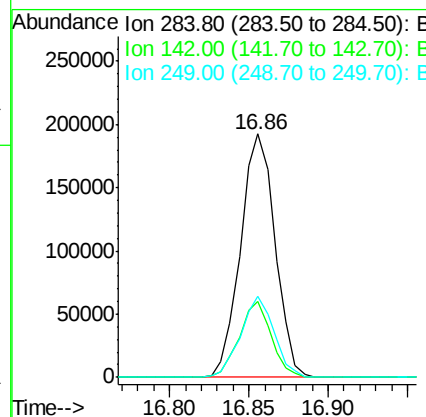
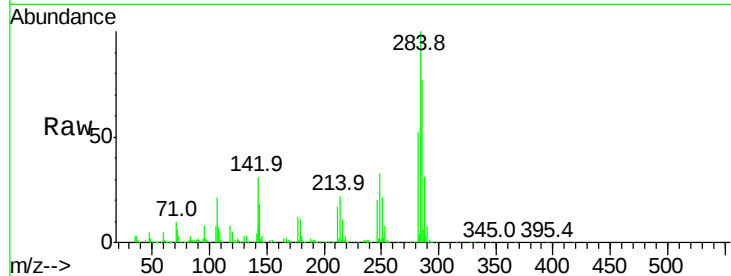
ClientSampleId :

PB96135BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 291603 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 31.4  | 29.9  | 44.9   |
| 249       | 33.3  | 29.2  | 43.8   |

Manual Integrations  
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#68

Atrazine

Concen: 44.55 ng

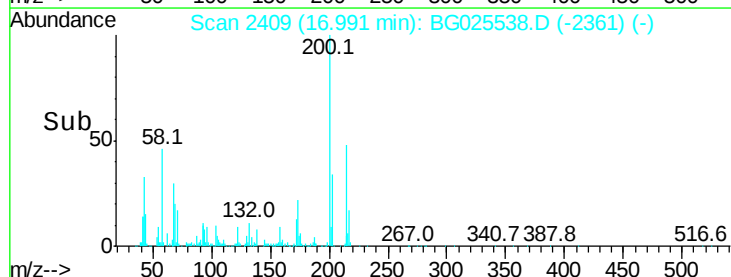
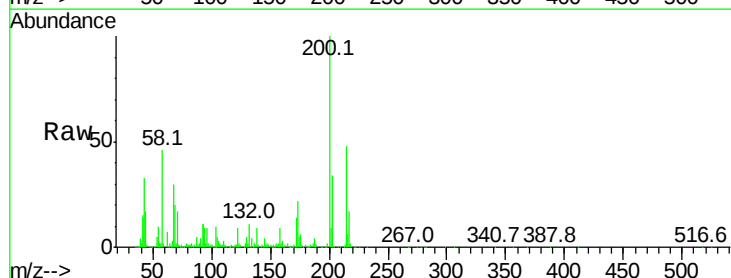
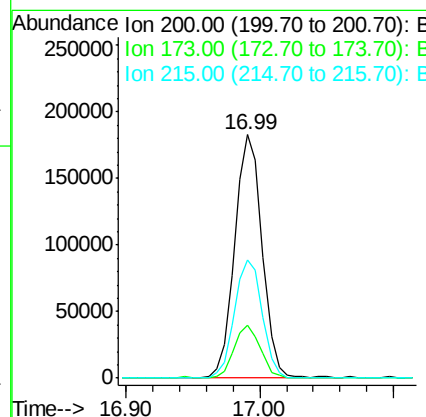
RT: 16.99 min Scan# 2409

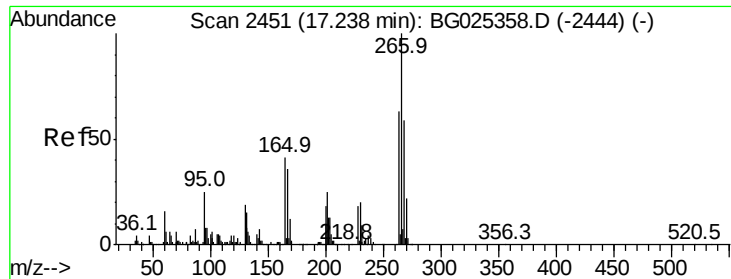
Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 262939 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 21.7  | 3.0   | 43.0   |
| 215       | 48.4  | 28.4  | 68.4   |





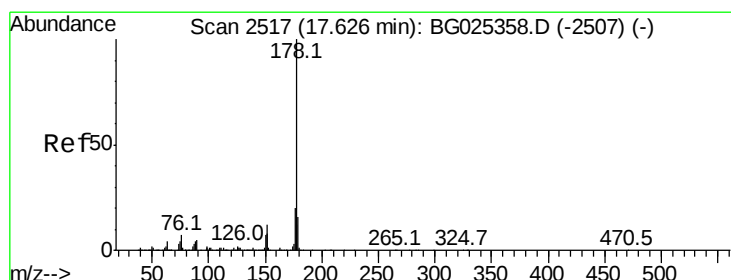
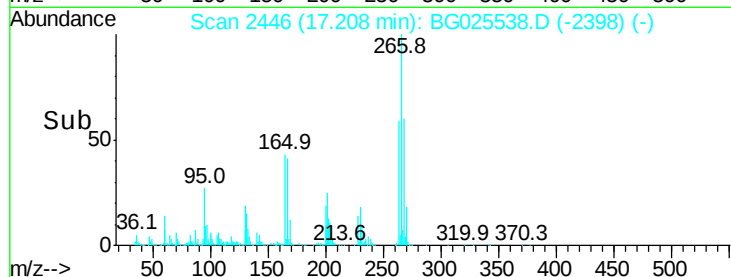
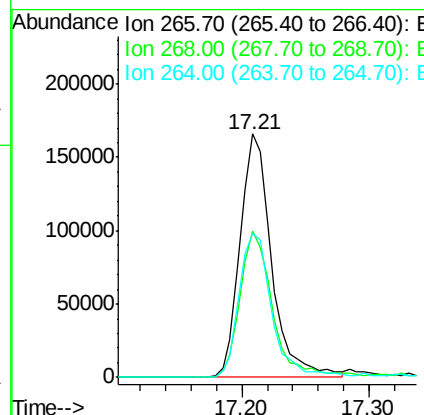
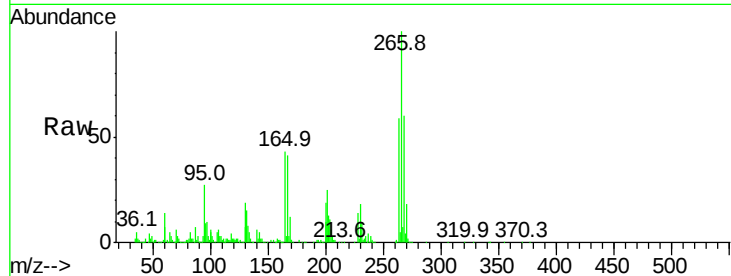
#69  
 Pentachlorophenol  
 Concen: 78.07 ng  
 RT: 17.21 min Scan# 2446  
 Delta R.T. -0.02 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB96135BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 285562 |       |       |
| 268     | 59.9  | 48.6   | 72.8  |       |
| 264     | 59.0  | 50.1   | 75.1  |       |

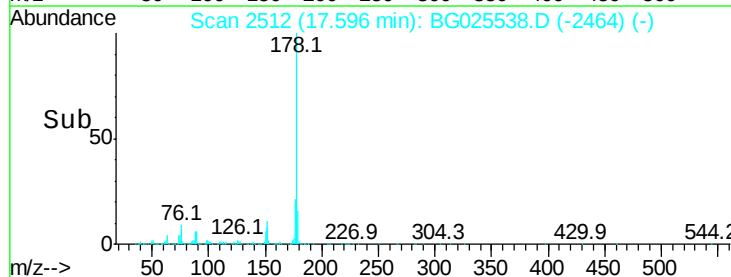
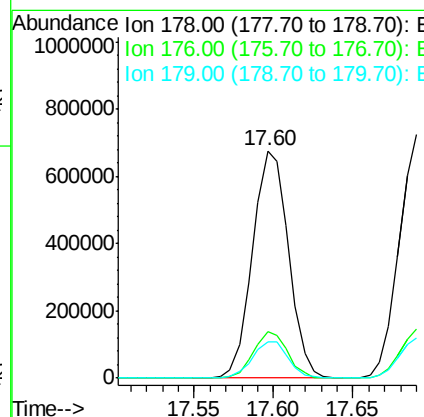
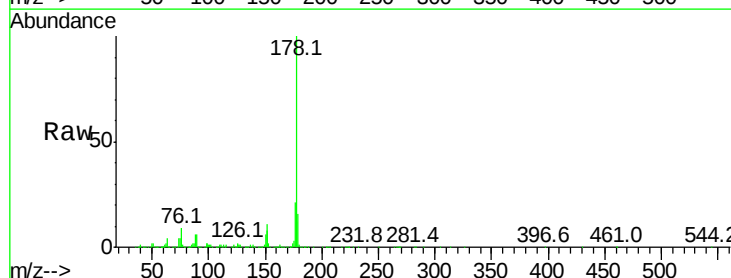
Manual Integrations  
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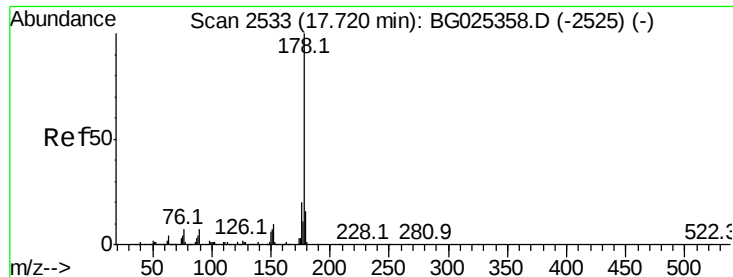
mohammad  
 1/23/2017 4:59:31 PM



#70  
 Phenanthrene  
 Concen: 41.53 ng  
 RT: 17.60 min Scan# 2512  
 Delta R.T. -0.02 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1066642 |       |       |
| 176     | 20.5  | 17.7    | 26.5  |       |
| 179     | 15.9  | 15.0    | 22.6  |       |





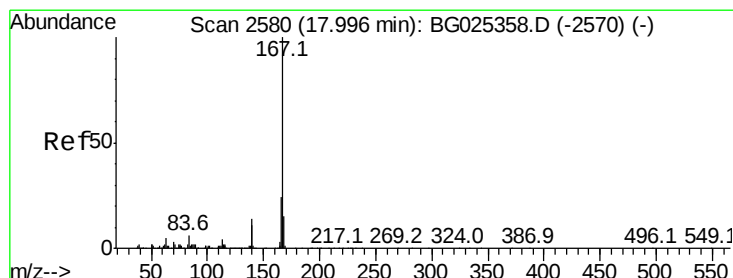
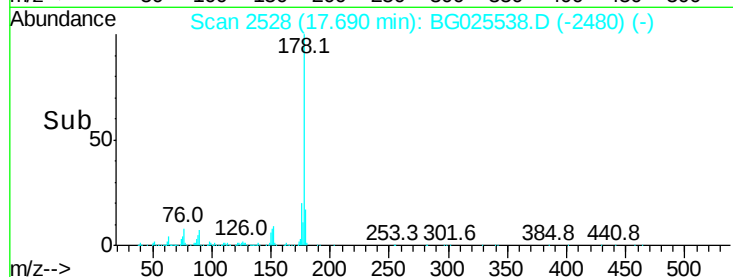
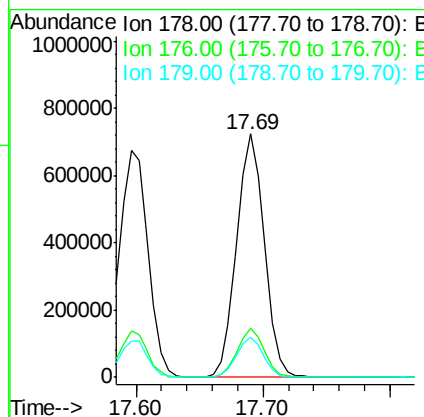
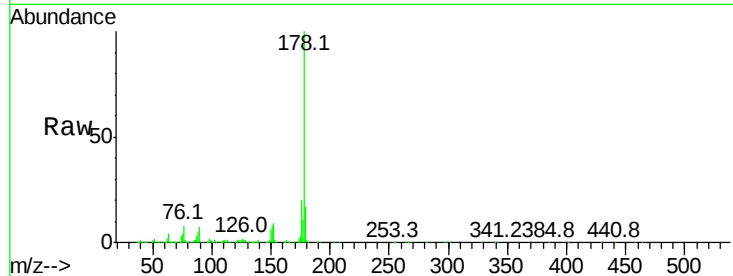
#71  
 Anthracene  
 Concen: 41.81 ng  
 RT: 17.69 min Scan# 2528  
 Delta R.T. -0.02 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB96135BSD

|             |               |
|-------------|---------------|
| Tot Ion:178 | Resp: 1090895 |
| Ion Ratio   | Lower Upper   |
| 178 100     |               |
| 176 20.3    | 16.4 24.6     |
| 179 16.6    | 13.8 20.8     |

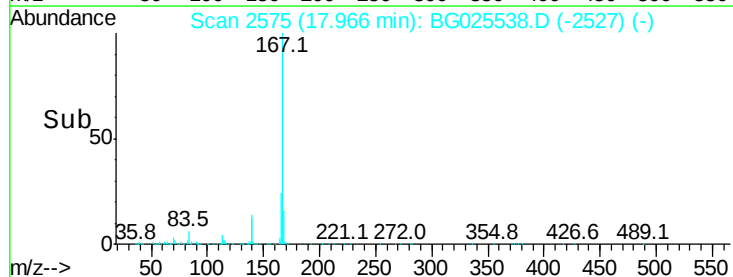
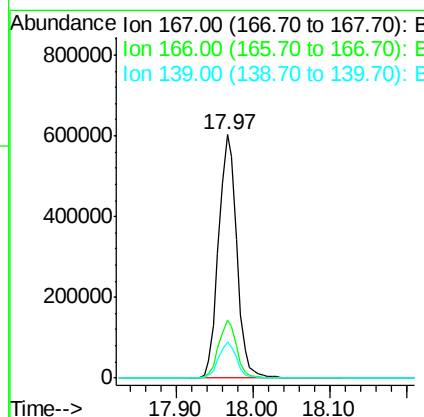
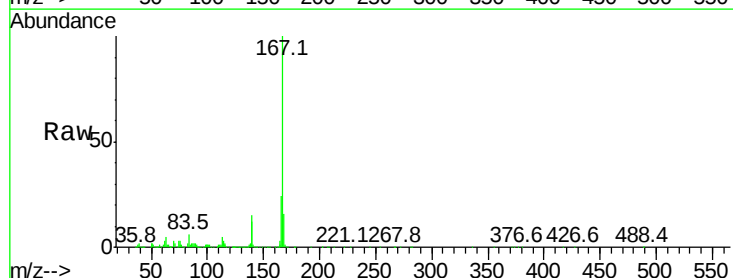
Manual Integrations  
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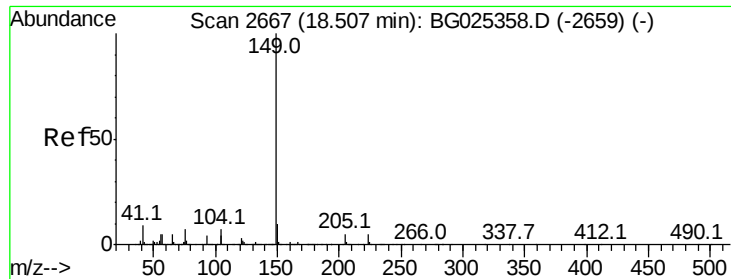
mohammad  
 1/23/2017 4:59:31 PM



#72  
 Carbazole  
 Concen: 42.09 ng  
 RT: 17.97 min Scan# 2575  
 Delta R.T. -0.02 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

|         |       |              |       |
|---------|-------|--------------|-------|
| Tgt Ion | 167   | Resp: 982436 |       |
| Ion     | Ratio | Lower        | Upper |
| 167     | 100   |              |       |
| 166     | 23.6  | 20.2         | 30.2  |
| 139     | 15.1  | 12.8         | 19.2  |





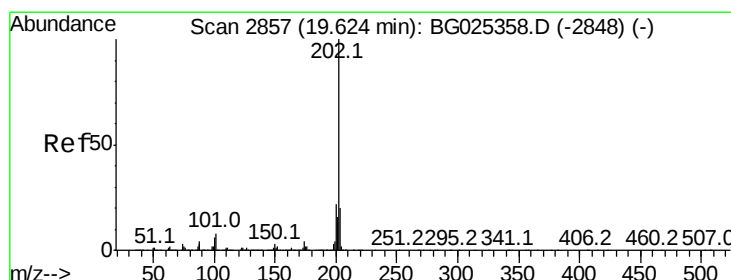
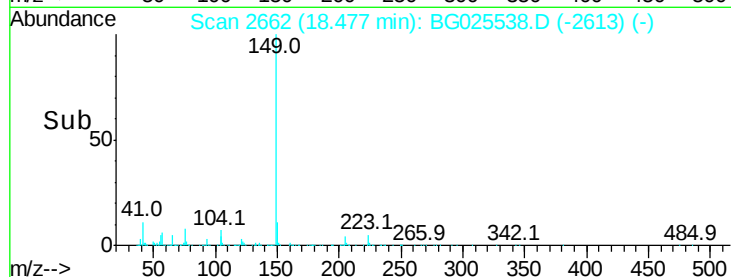
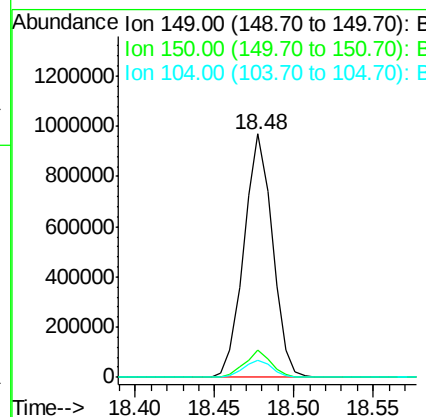
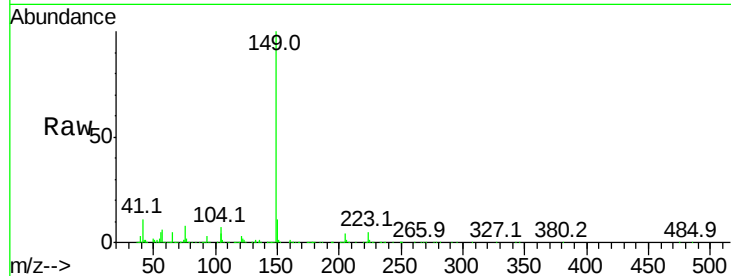
#73  
Di-n-butylphthalate  
Concen: 42.13 ng  
RT: 18.48 min Scan# 2662  
Delta R.T. -0.01 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

Tot Ion:149 Resp: 1209882  
Ion Ratio Lower Upper  
149 100  
150 11.3 9.1 13.7  
104 6.9 6.7 10.1

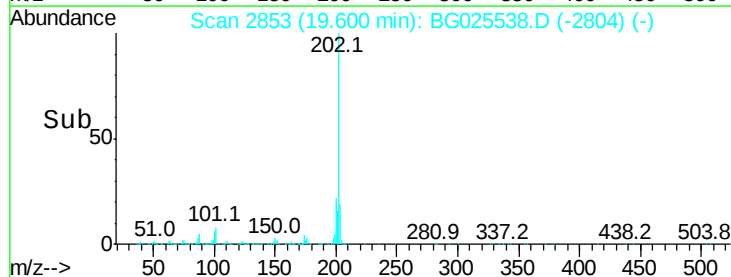
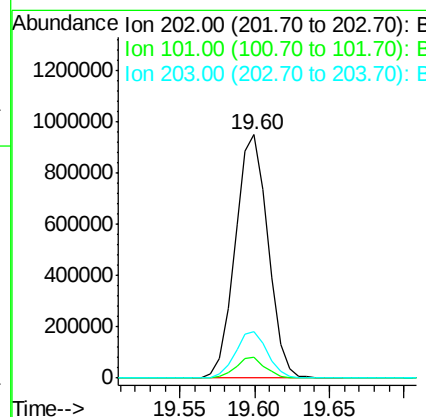
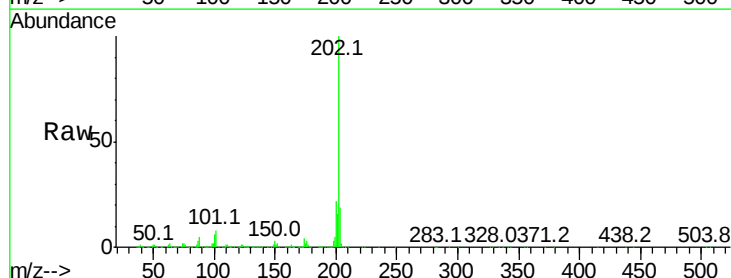
Manual Integrations  
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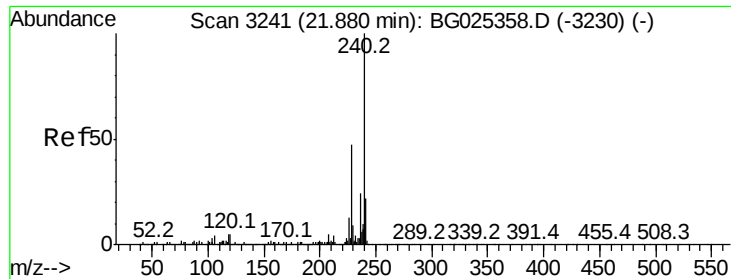
mohammad  
1/23/2017 4:59:31 PM



#74  
Fluoranthene  
Concen: 42.90 ng  
RT: 19.60 min Scan# 2853  
Delta R.T. -0.01 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Tgt Ion:202 Resp: 1455425  
Ion Ratio Lower Upper  
202 100  
101 8.3 0.0 30.1  
203 19.1 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

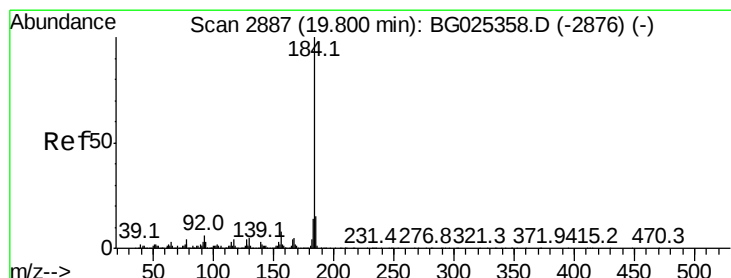
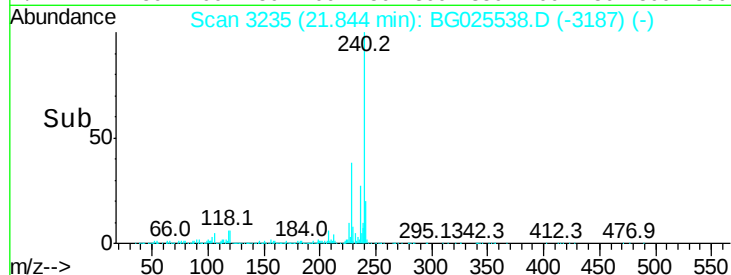
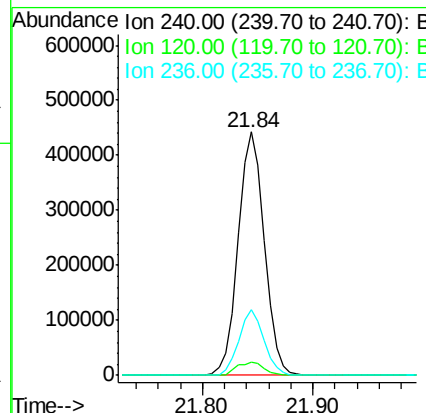
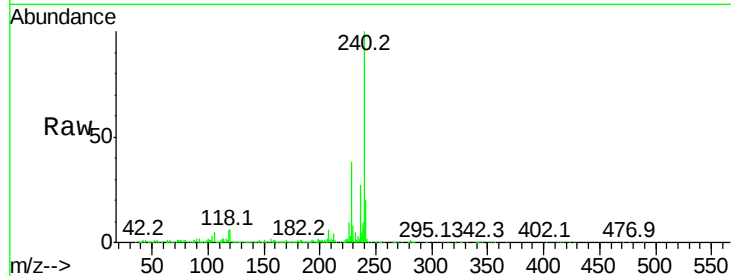
ClientSampleId :

PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.6   | 5.7   | 8.5#  |
| 236     | 26.9  | 22.2  | 33.4  |

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#76

Benzidine

Concen: 28.99 ng

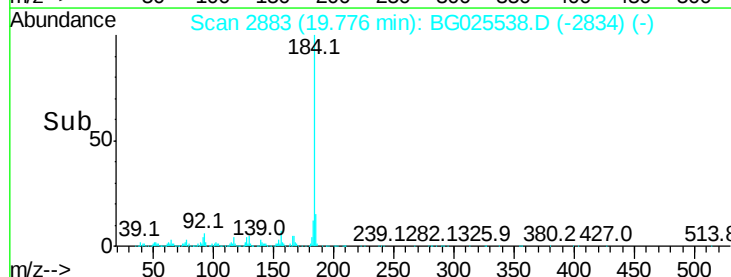
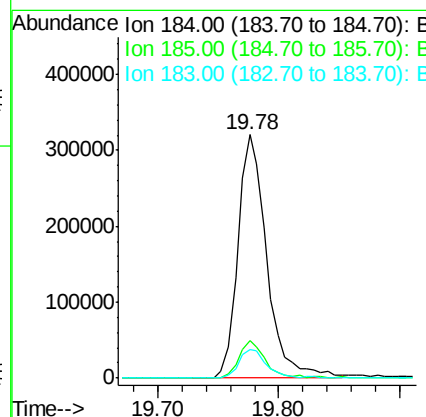
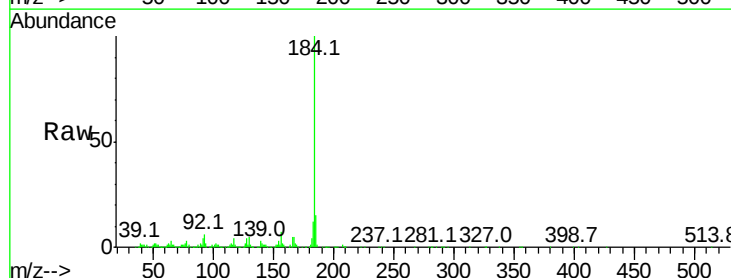
RT: 19.78 min Scan# 2883

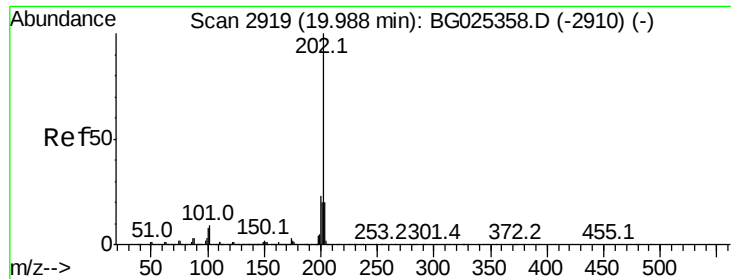
Delta R.T. -0.01 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.3  | 13.0  | 19.6  |
| 183     | 11.7  | 11.0  | 16.6  |





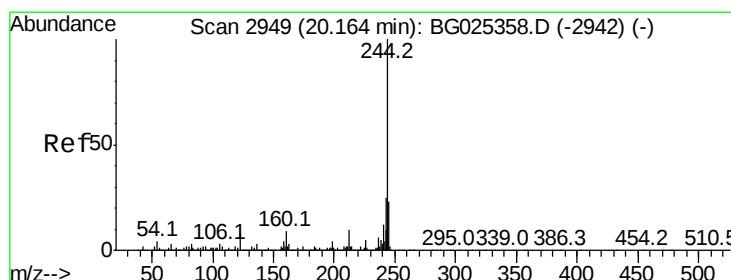
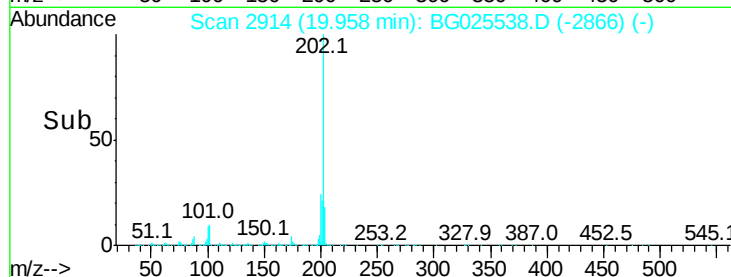
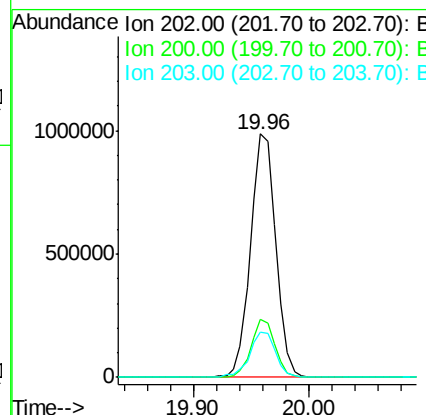
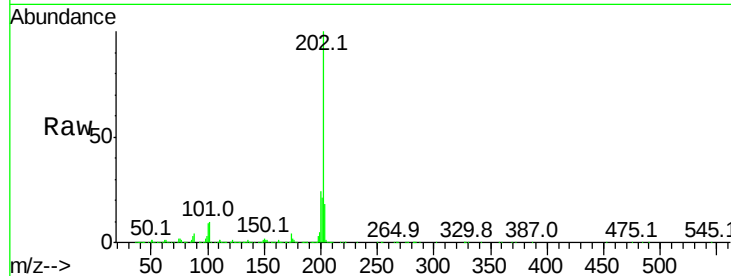
#77  
Pvrene  
Concen: 39.01 ng  
RT: 19.96 min Scan# 2914  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 23.9  | 19.6  | 29.4  |
| 203     | 18.3  | 15.8  | 23.8  |

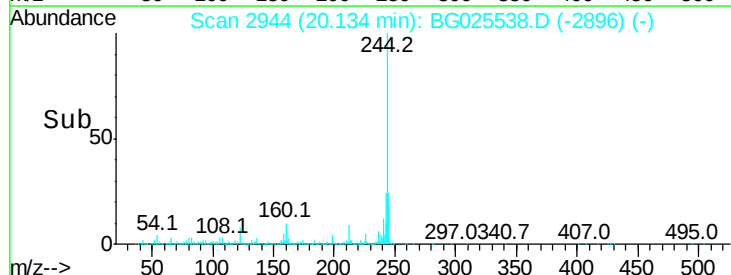
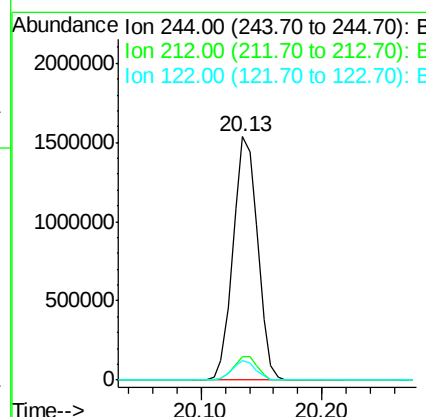
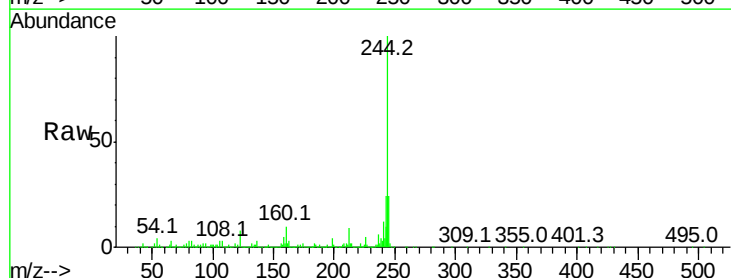
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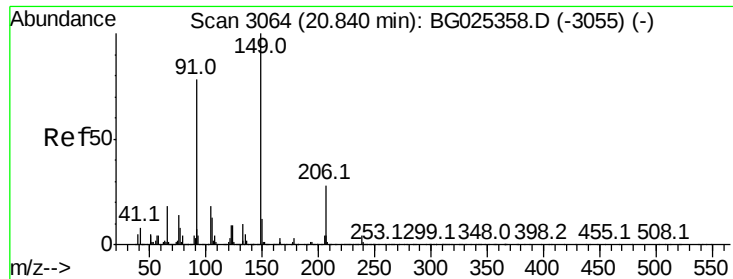
mohammad  
1/23/2017 4:59:31 PM



#78  
Terphenyl-d14  
Concen: 78.26 ng  
RT: 20.13 min Scan# 2944  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.5   | 10.0  | 15.0# |
| 122     | 8.0   | 8.6   | 12.8# |





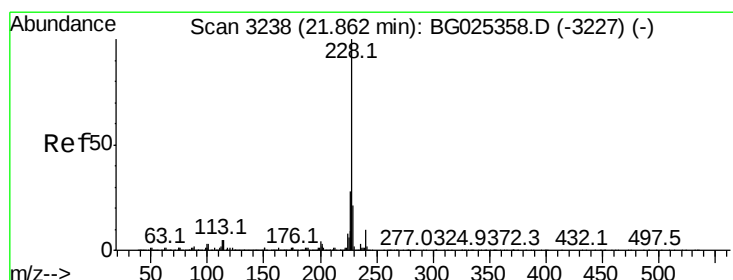
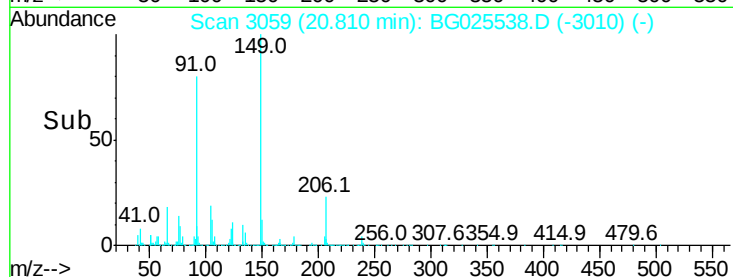
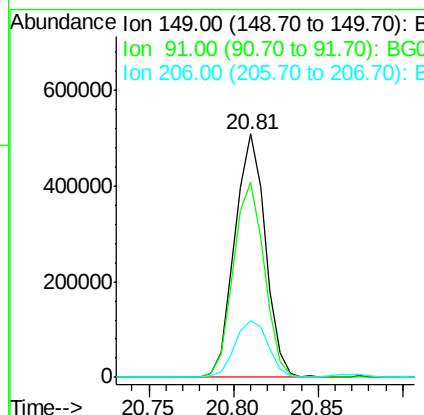
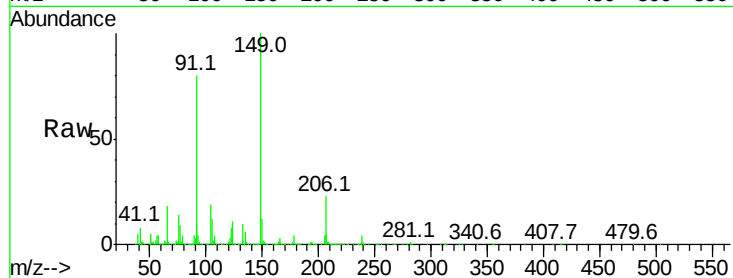
#79  
Butylbenzylphthalate  
Concen: 41.61 ng  
RT: 20.81 min Scan# 3059  
Delta R.T. -0.01 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 80.2  | 63.5  | 95.3  |
| 206     | 23.2  | 21.0  | 31.6  |

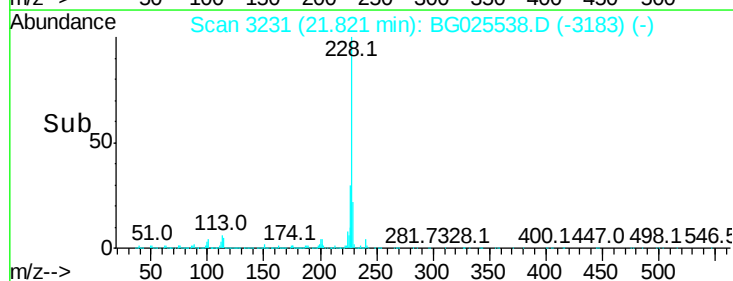
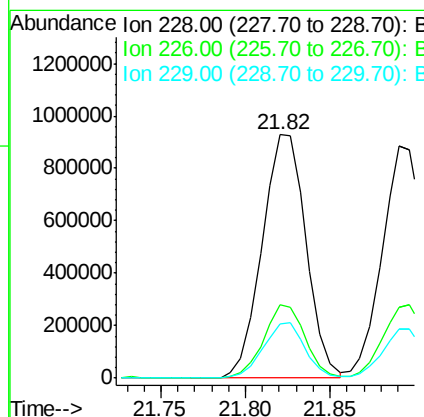
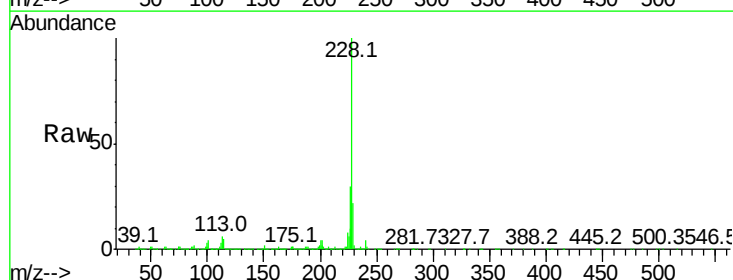
Manual Integrations  
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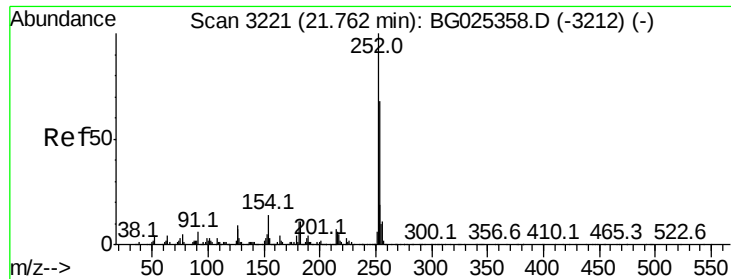
mohammad  
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#80  
Benzo(a)anthracene  
Concen: 40.85 ng  
RT: 21.82 min Scan# 3231  
Delta R.T. -0.02 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 24.9  | 37.3  |
| 229     | 22.1  | 18.2  | 27.2  |





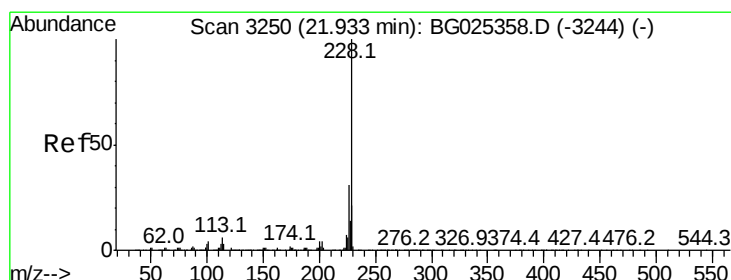
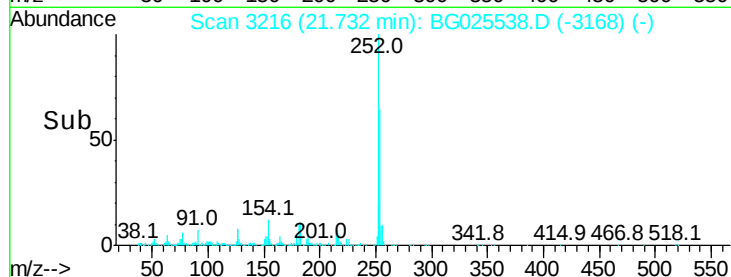
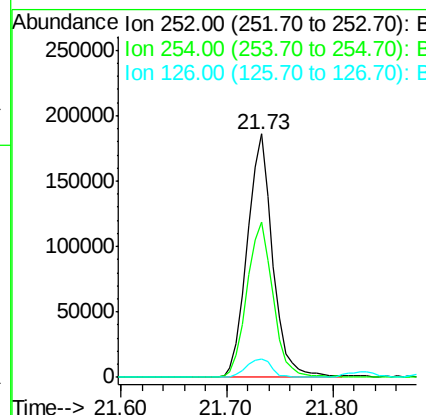
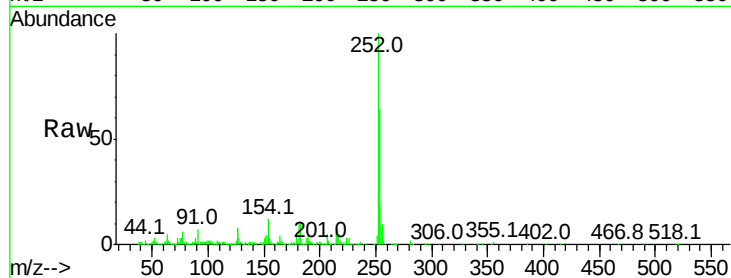
#81  
 3,3'-Dichlorobenzidine  
 Concen: 19.47 ng  
 RT: 21.73 min Scan# 3216  
 Delta R.T. -0.02 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB96135BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 310569 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 63.7  | 53.1  | 79.7   |
| 126       | 7.7   | 7.0   | 10.4   |

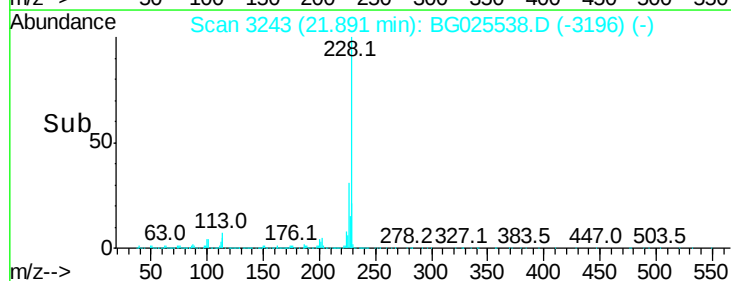
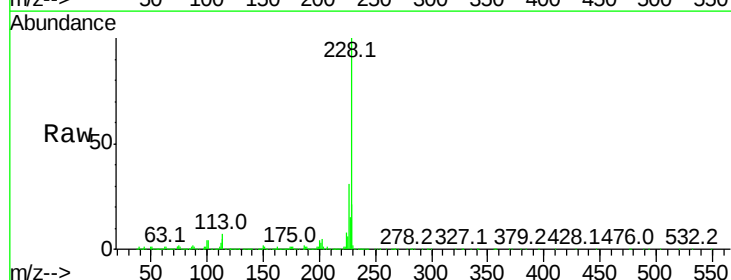
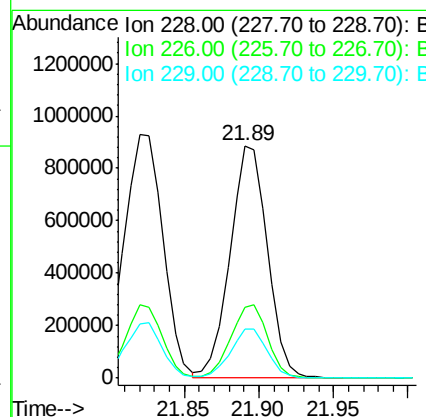
Manual Integrations  
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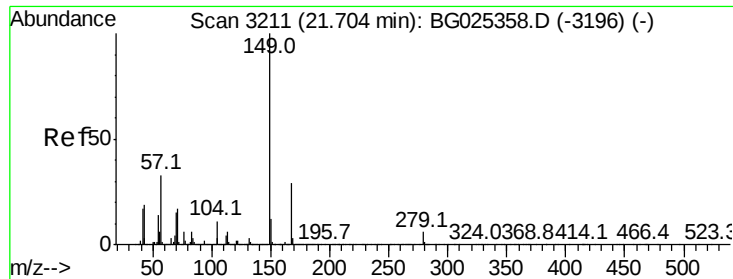
mohammad  
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#82  
 Chrysene  
 Concen: 39.18 ng  
 RT: 21.89 min Scan# 3243  
 Delta R.T. -0.03 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 1543319 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 30.6  | 27.0  | 40.4    |
| 229       | 21.3  | 17.8  | 26.6    |





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.81 ng

RT: 21.67 min Scan# 3205

Delta R.T. -0.02 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

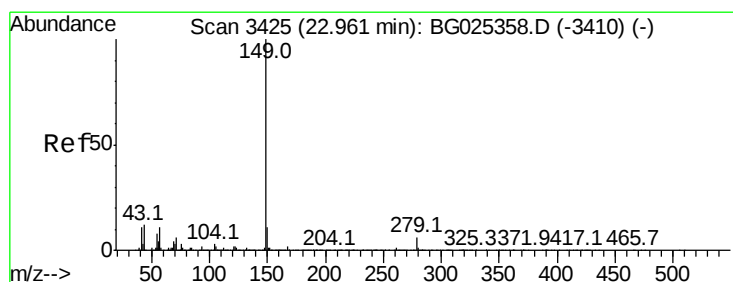
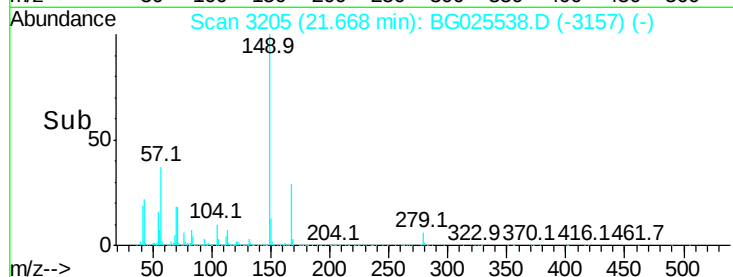
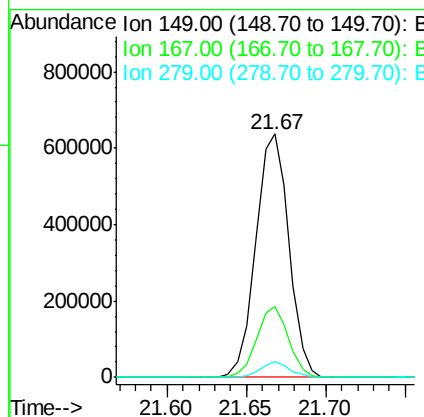
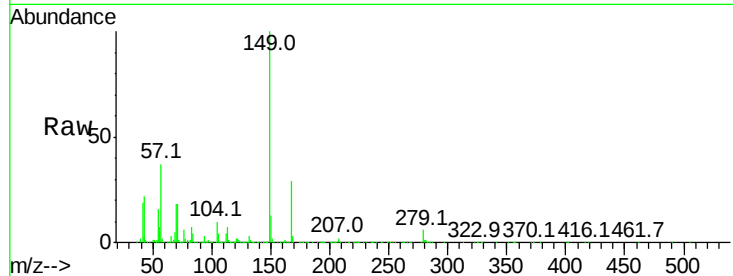
ClientSampleId :

PB96135BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 920785 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 29.0  | 23.7  | 35.5   |
| 279       | 6.4   | 4.6   | 6.8    |

Manual Integrations  
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#84

Di-n-octyl phthalate

Concen: 43.92 ng

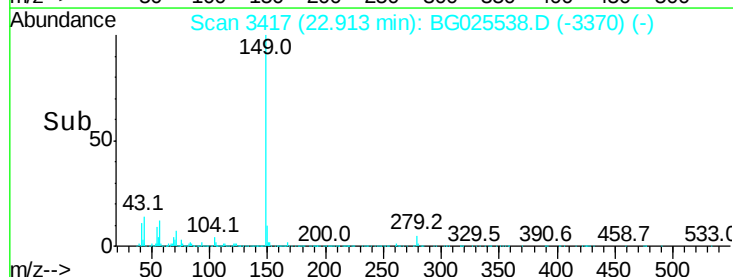
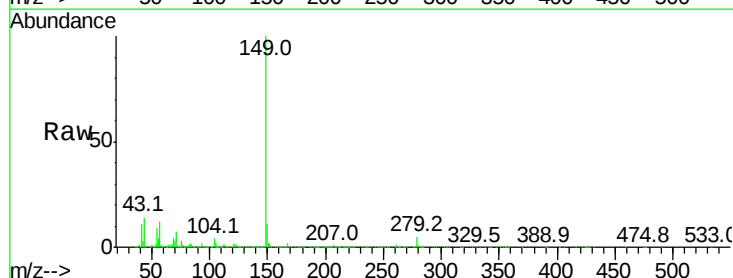
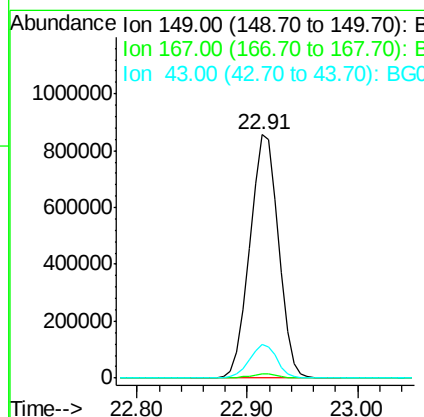
RT: 22.91 min Scan# 3417

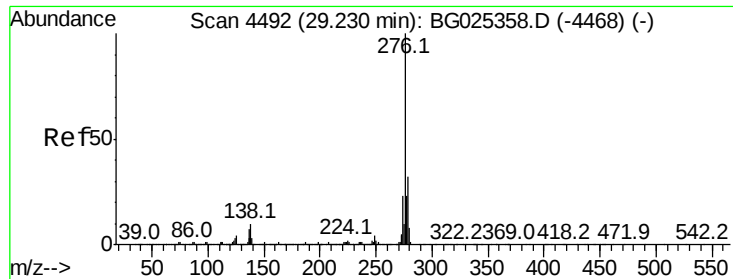
Delta R.T. -0.03 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1568147 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.8   | 1.4   | 2.2     |
| 43        | 13.2  | 11.8  | 17.6    |





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.08 ng

RT: 29.14 min Scan# 4476

Delta R.T. -0.06 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

ClientSampleId :

PB96135BSD

Tot Ion:276 Resp: 2157184

Ion Ratio Lower Upper

276 100

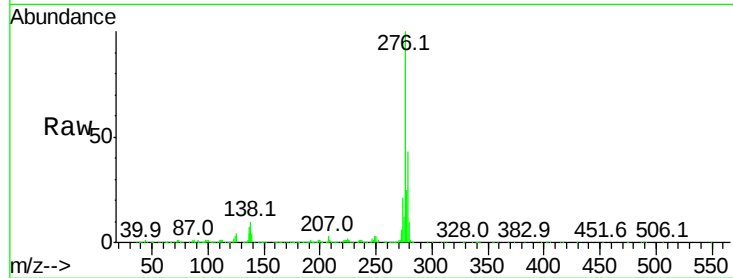
138 6.6 4.7 7.1

277 25.8 20.6 31.0

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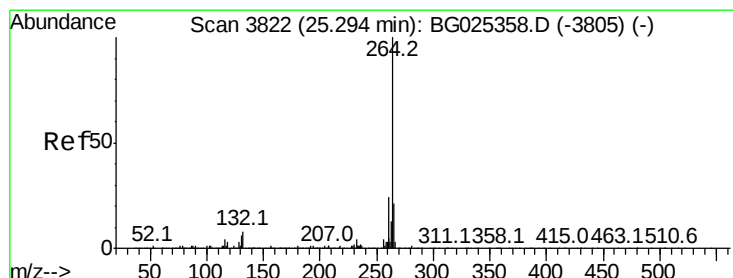
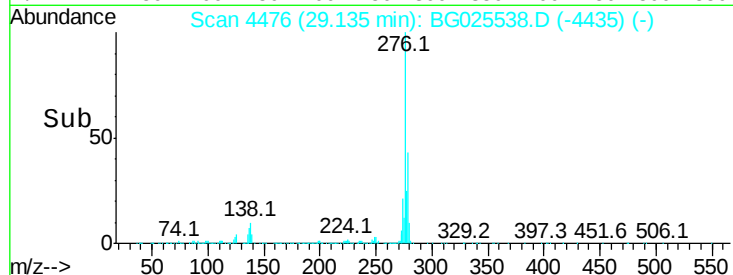
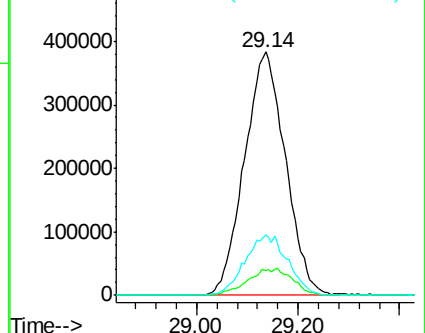
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Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.22 min Scan# 3810

Delta R.T. -0.04 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

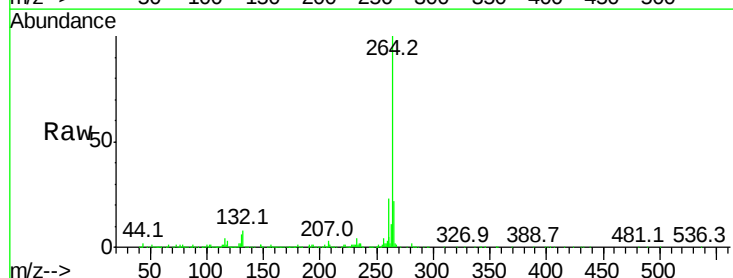
Tgt Ion:264 Resp: 774931

Ion Ratio Lower Upper

264 100

260 22.7 21.8 32.8

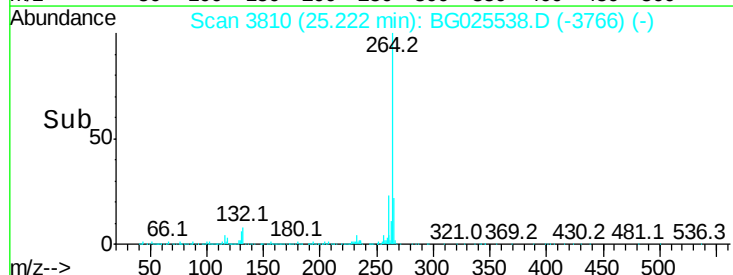
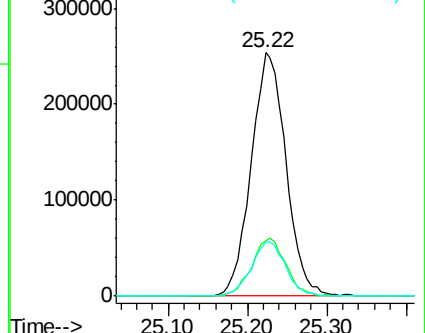
265 22.3 18.2 27.4

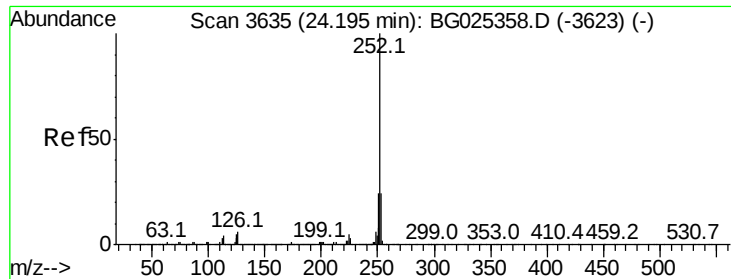


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.73 ng

RT: 24.14 min Scan# 3626

Delta R.T. -0.03 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

Instrument :

BNA\_G

ClientSampleId :

PB96135BSD

Tot Ion:252 Resp: 1764605

Ion Ratio Lower Upper

252 100

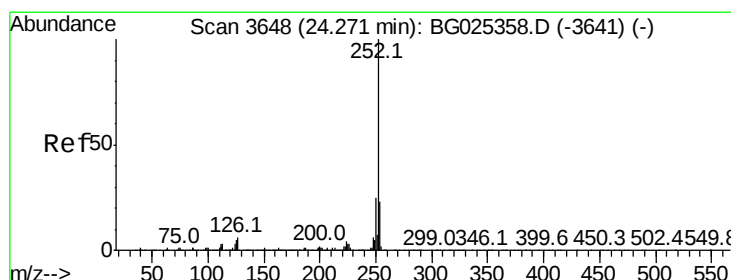
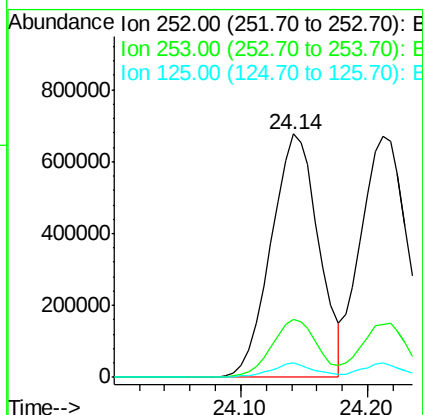
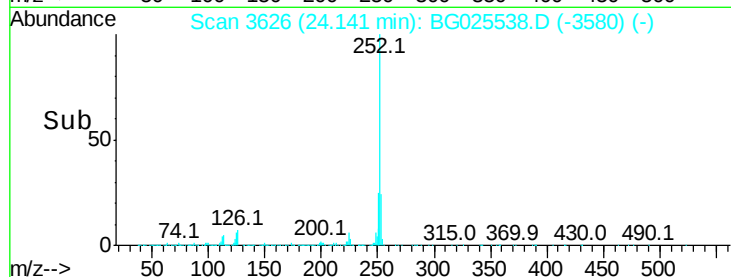
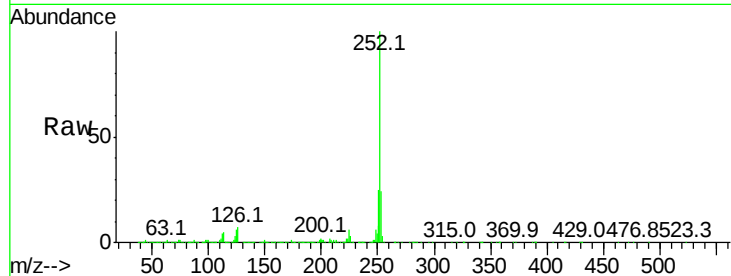
253 23.9 18.7 28.1

125 5.8 5.3 7.9

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#88

Benzo(k)fluoranthene

Concen: 41.89 ng

RT: 24.21 min Scan# 3638

Delta R.T. -0.03 min

Lab File: BG025538.D

Acq: 20 Jan 2017 14:39

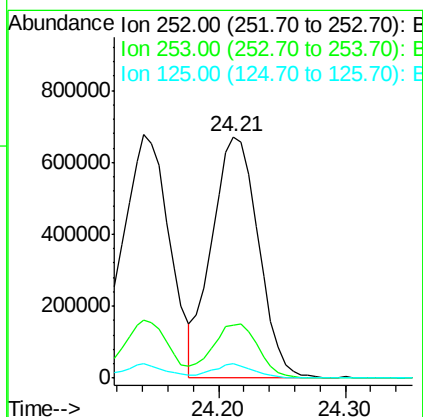
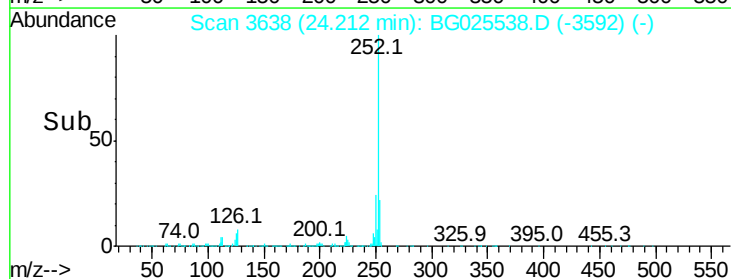
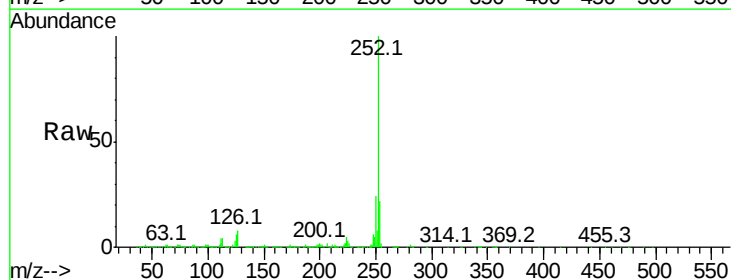
Tgt Ion:252 Resp: 1710602

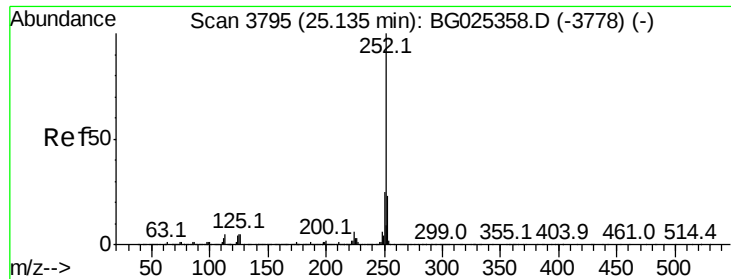
Ion Ratio Lower Upper

252 100

253 22.2 20.2 30.2

125 6.2 5.1 7.7





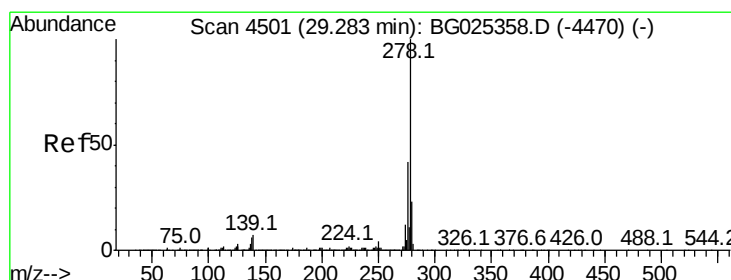
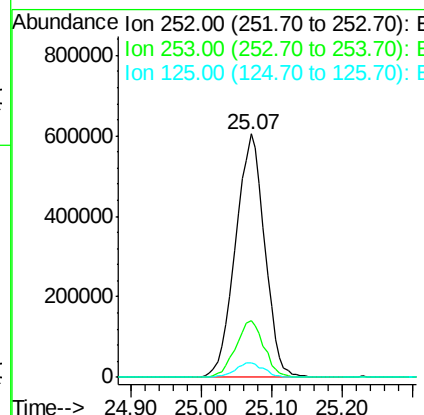
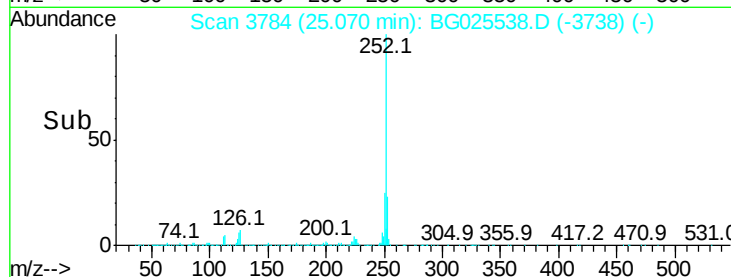
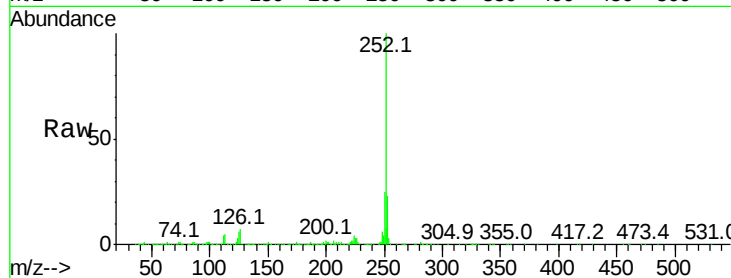
#89  
Benzo(a)pyrene  
Concen: 42.45 ng  
RT: 25.07 min Scan# 3784  
Delta R.T. -0.03 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 19.2  | 28.8  |
| 125     | 5.9   | 5.4   | 8.0   |

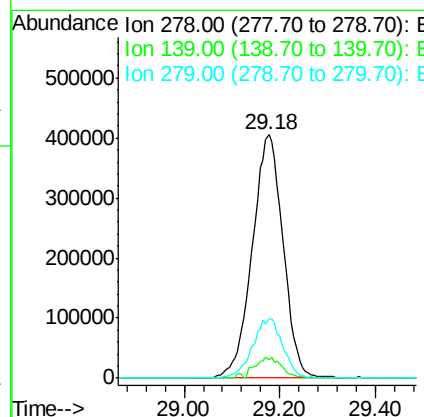
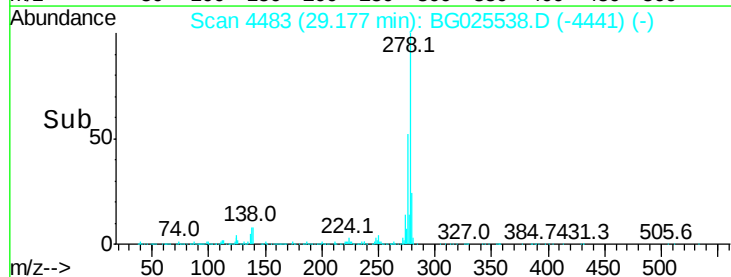
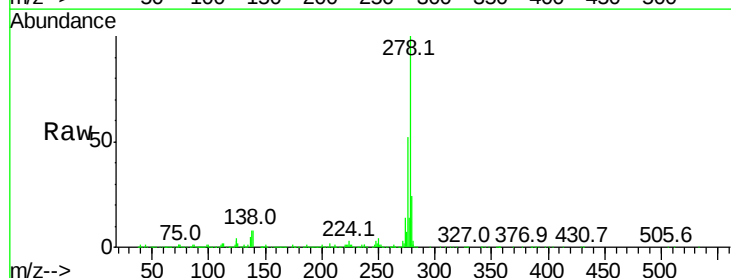
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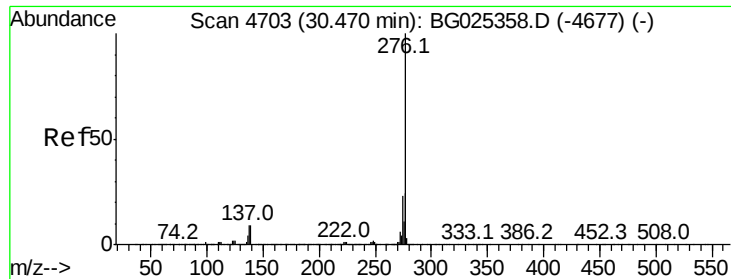
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.79 ng  
RT: 29.18 min Scan# 4483  
Delta R.T. -0.05 min  
Lab File: BG025538.D  
Acq: 20 Jan 2017 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 7.5   | 7.7   | 11.5# |
| 279     | 24.3  | 19.1  | 28.7  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 41.60 ng  
 RT: 30.36 min Scan# 4685  
 Delta R.T. -0.06 min  
 Lab File: BG025538.D  
 Acq: 20 Jan 2017 14:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB96135BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 18.6  | 27.8  |
| 138     | 10.3  | 8.1   | 12.1  |

Manual Integrations  
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