

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\  
 Data File : BG038328.D  
 Acq On : 4 Dec 2018 14:02  
 Operator : JU/SJ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

mohammad  
 12/6/2018 10:32:50 AM

Quant Time: Dec 04 14:54:53 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 04 13:58:38 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 37462    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.89 | 136  | 167385   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.71 | 164  | 98388    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.46 | 188  | 252672   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.74 | 240  | 216920   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.05 | 264  | 234096   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 234151 | 107.92 | ng | 0.00 |
| 7) Phenol-d6             | 7.22  | 99  | 307331 | 99.23  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.25  | 82  | 327452 | 104.72 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.20 | 330 | 130329 | 116.15 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.33 | 172 | 701497 | 103.87 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.06 | 244 | 966444 | 104.83 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.51  | 88  | 48114  | 46.947 | ng | 96     |
| 3) Pyridine                    | 3.91  | 79  | 163180 | 55.817 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.84  | 42  | 66958  | 63.131 | ng | 96     |
| 6) Aniline                     | 7.40  | 93  | 203233 | 50.842 | ng | 99     |
| 8) 2-Chlorophenol              | 7.63  | 128 | 127985 | 50.836 | ng | 98     |
| 9) Benzaldehyde                | 7.21  | 77  | 89606  | 40.006 | ng | 97     |
| 10) Phenol                     | 7.25  | 94  | 164351 | 50.098 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.49  | 93  | 134688 | 50.290 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 7.96  | 146 | 144119 | 49.690 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.11  | 146 | 146302 | 49.935 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 133618 | 47.769 | ng | 96     |
| 15) Benzyl Alcohol             | 8.31  | 79  | 125296 | 55.908 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 278528 | 56.006 | ng | 97     |
| 17) 2-Methylphenol             | 8.51  | 107 | 111734 | 50.377 | ng | 98     |
| 18) Hexachloroethane           | 9.15  | 117 | 56434  | 52.926 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.88  | 70  | 113605 | 50.693 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.84  | 107 | 159687 | 50.788 | ng | 97     |
| 22) Acetophenone               | 8.91  | 105 | 200290 | 48.093 | ng | # 96   |
| 24) Nitrobenzene               | 9.29  | 77  | 164933 | 51.562 | ng | 97     |
| 25) Isophorone                 | 9.81  | 82  | 288612 | 51.280 | ng | 97     |
| 26) 2-Nitrophenol              | 10.01 | 139 | 84868  | 53.146 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.05 | 122 | 121287 | 50.410 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.29 | 93  | 178643 | 49.638 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 136098 | 50.290 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.75 | 180 | 151165 | 49.846 | ng | 97     |
| 31) Naphthalene                | 10.95 | 128 | 401672 | 48.789 | ng | 100    |
| 32) Benzoic acid               | 10.21 | 122 | 82572m | 66.865 | ng |        |
| 33) 4-Chloroaniline            | 11.06 | 127 | 189627 | 49.516 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 95858  | 51.359 | ng | 97     |
| 35) Caprolactam                | 11.86 | 113 | 58357  | 53.873 | ng | # 84   |
| 36) 4-Chloro-3-methylphenol    | 12.17 | 107 | 159297 | 53.878 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.54 | 142 | 288062 | 48.711 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.76 | 142 | 278273 | 48.886 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 175736 | 53.453 | ng | 99     |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.87 | 237  | 101278   | 57.529 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.14 | 196  | 120471   | 53.774 | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.21 | 196  | 128213   | 54.391 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.54 | 154  | 433535   | 52.450 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.59 | 162  | 323371   | 51.268 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.81 | 65   | 112491   | 56.667 | nq    | 97       |
| 49) Acenaphthylene             | 14.44 | 152  | 480956   | 50.707 | nq    | 99       |
| 50) Dimethylphthalate          | 14.16 | 163  | 405136   | 51.941 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.29 | 165  | 93053    | 52.711 | nq    | 94       |
| 52) Acenaphthene               | 14.78 | 154  | 288592   | 50.540 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.63 | 138  | 102752   | 52.748 | nq    | # 98     |
| 54) 2,4-Dinitrophenol          | 14.83 | 184  | 53259    | 71.602 | nq    | # 86     |
| 55) Dibenzofuran               | 15.11 | 168  | 472223   | 50.013 | nq    | 97       |
| 56) 4-Nitrophenol              | 14.92 | 139  | 79912    | 53.190 | nq    | 87       |
| 57) 2,4-Dinitrotoluene         | 15.08 | 165  | 132400   | 55.123 | nq    | 95       |
| 58) Fluorene                   | 15.76 | 166  | 357405   | 50.733 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 105798   | 53.637 | nq    | 98       |
| 60) Diethylphthalate           | 15.52 | 149  | 432870   | 52.249 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 215966   | 52.391 | nq    | 98       |
| 62) 4-Nitroaniline             | 15.80 | 138  | 102510   | 52.973 | nq    | 90       |
| 63) Azobenzene                 | 16.04 | 77   | 390219   | 52.679 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.84 | 198  | 85705    | 53.627 | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.96 | 169  | 354751   | 46.409 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 138062   | 49.783 | nq    | 95       |
| 68) Hexachlorobenzene          | 16.76 | 284  | 139961   | 48.893 | nq    | 98       |
| 69) Atrazine                   | 16.90 | 200  | 132599   | 47.057 | nq    | 99       |
| 70) Pentachlorophenol          | 17.10 | 266  | 102390   | 52.665 | nq    | 96       |
| 71) Phenanthrene               | 17.50 | 178  | 637826   | 49.305 | nq    | 99       |
| 72) Anthracene                 | 17.59 | 178  | 613972   | 48.147 | nq    | 99       |
| 73) Carbazole                  | 17.87 | 167  | 619569   | 48.427 | nq    | 100      |
| 74) Di-n-butylphthalate        | 18.40 | 149  | 724166   | 50.423 | nq    | 98       |
| 75) Fluoranthene               | 19.51 | 202  | 711628   | 48.215 | nq    | 98       |
| 77) Benzidine                  | 19.69 | 184  | 328684   | 43.182 | nq    | 98       |
| 78) Pyrene                     | 19.87 | 202  | 718735   | 50.678 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 318600   | 51.369 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.72 | 228  | 670909   | 51.181 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.64 | 252  | 263643   | 51.631 | nq    | 99       |
| 83) Chrysene                   | 21.79 | 228  | 633178   | 50.484 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.59 | 149  | 440305   | 49.780 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.82 | 149  | 773888   | 54.083 | nq    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.85 | 276  | 742937   | 53.334 | nq    | # 94     |
| 88) Benzo(b)fluoranthene       | 23.99 | 252  | 689563   | 53.527 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 24.06 | 252  | 651307   | 51.237 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.90 | 252  | 629466   | 51.128 | nq    | 96       |
| 91) Dibenzo(a,h)anthracene     | 28.92 | 278  | 613695   | 51.807 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.06 | 276  | 610886   | 51.865 | nq    | # 95     |

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

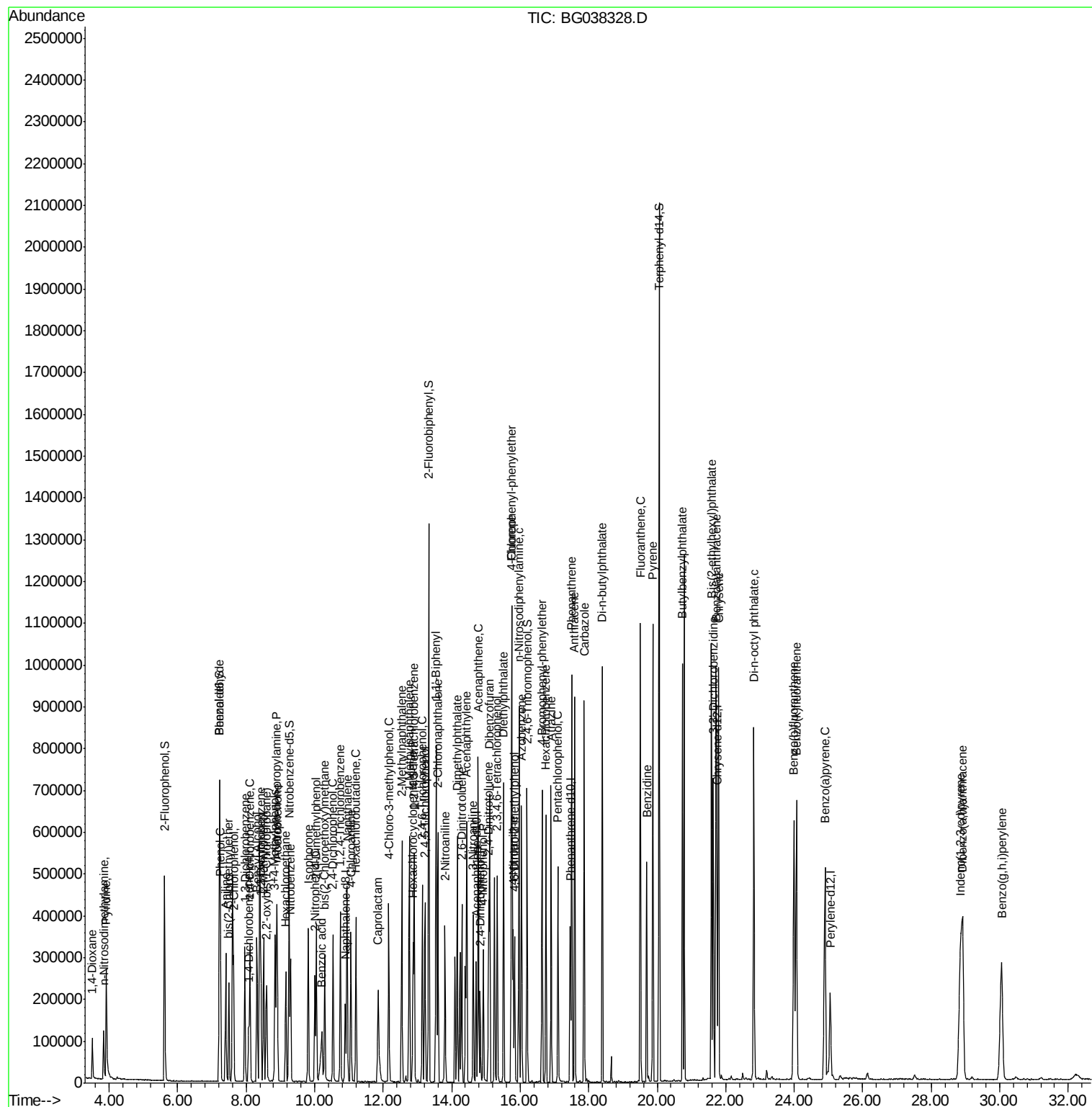
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\  
Data File : BG038328.D  
Acq On : 4 Dec 2018 14:02  
Operator : JU/SJ  
Sample : SSTDICC050  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

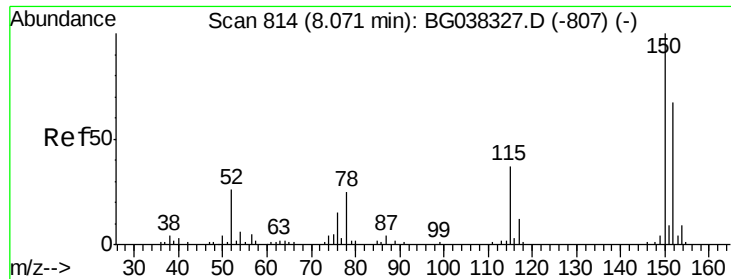
Instrument :  
BNA\_G  
ClientSampled :  
SSTDICC050

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#1

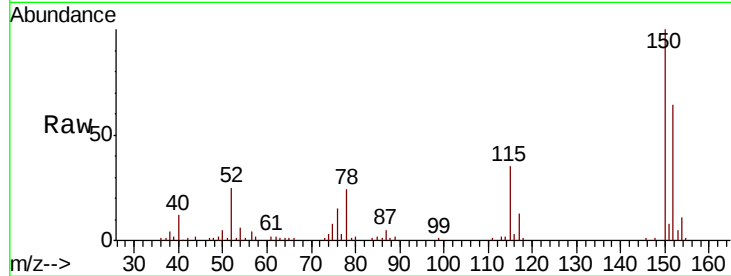
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.07 min Scan# 814  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.9 | 126.0 | 189.0 |
| 115     | 55.2  | 45.5  | 68.3  |

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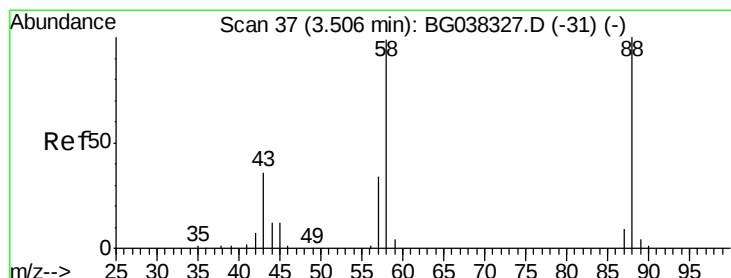
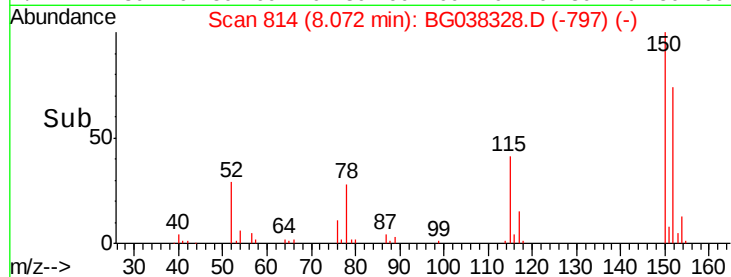
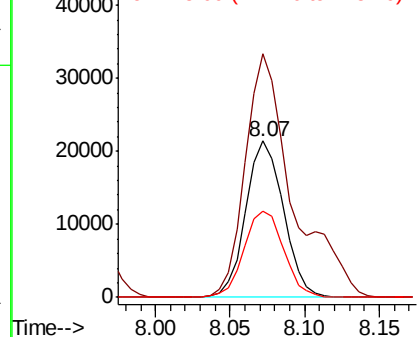


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

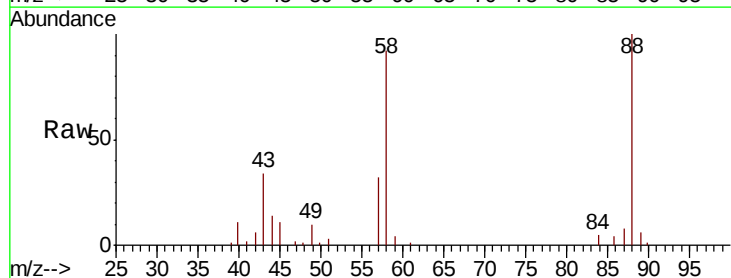
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 46.947 ng  
RT: 3.51 min Scan# 37  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 95.4  | 74.4  | 111.6 |
| 43      | 35.9  | 25.8  | 38.8  |

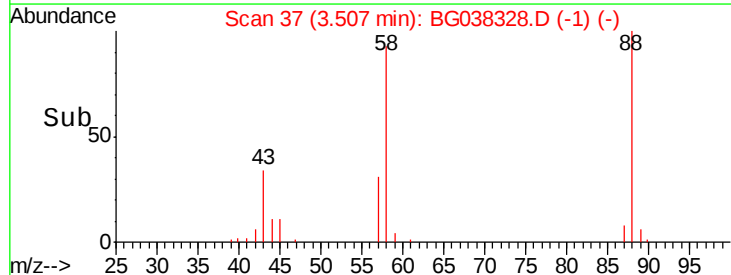
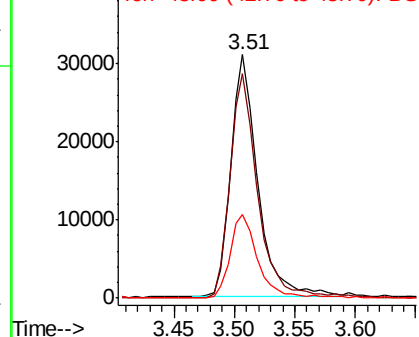


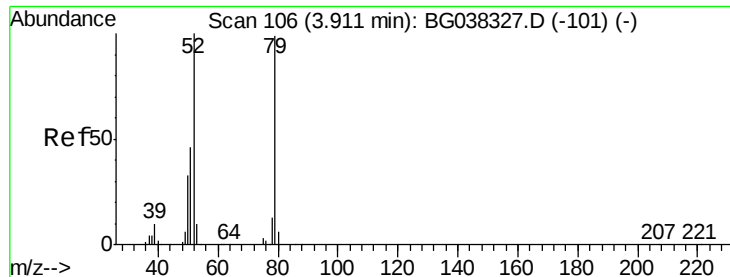
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 55.817 ng

RT: 3.91 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA\_G

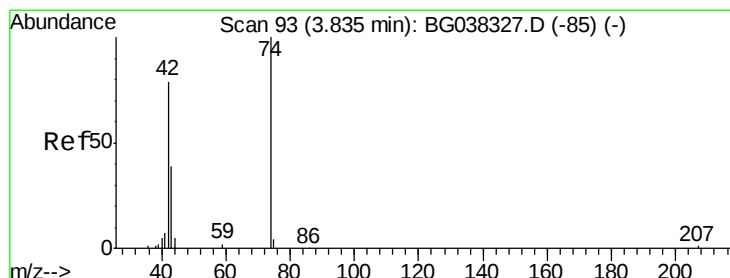
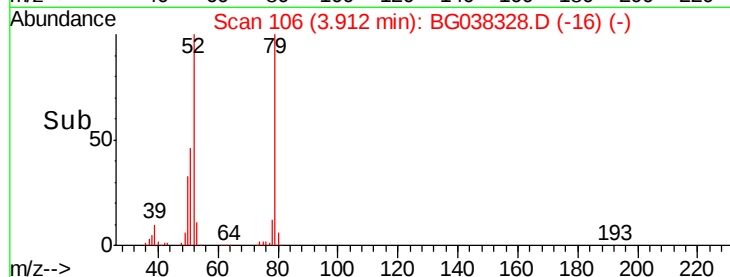
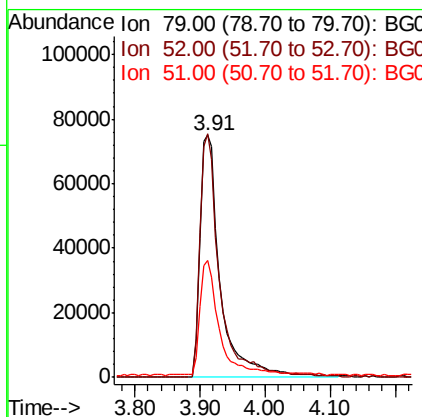
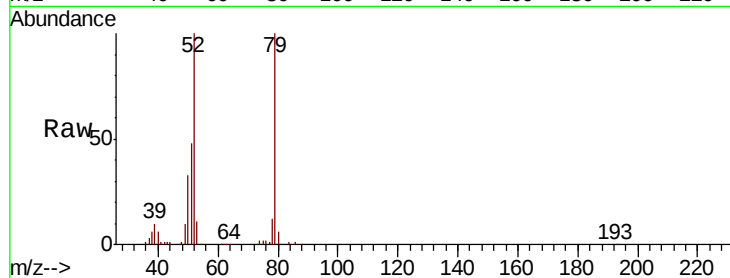
ClientSampleId :

SSTDIC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 163180 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 100.5 | 74.2  | 111.2  |
| 51       | 48.0  | 34.6  | 51.8   |

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#4

n-Nitrosodimethylamine

Concen: 63.131 ng

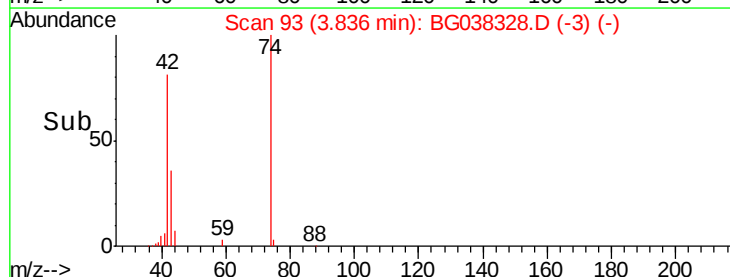
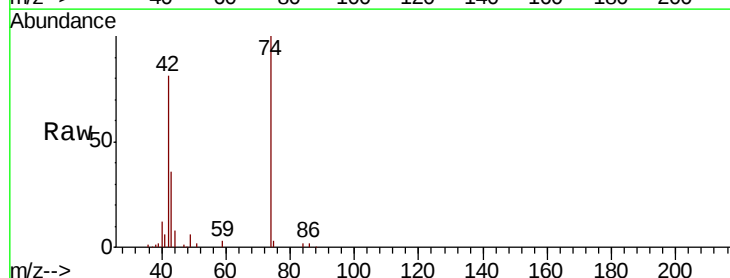
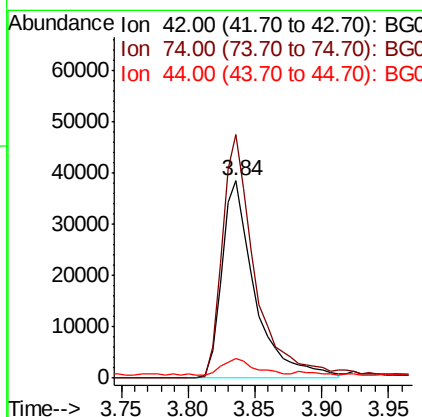
RT: 3.84 min Scan# 93

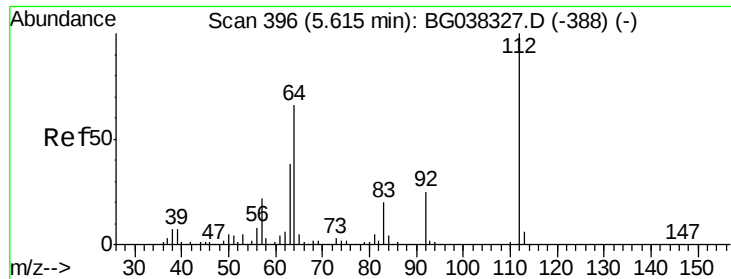
Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 66958 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 123.4 | 102.0 | 153.0 |
| 44       | 10.2  | 9.6   | 14.4  |





#5

2-Fluorophenol

Concen: 107.917 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA\_G

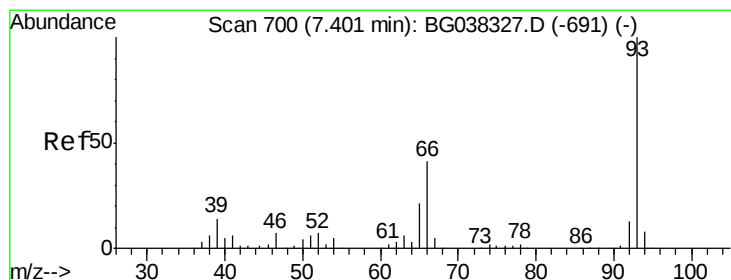
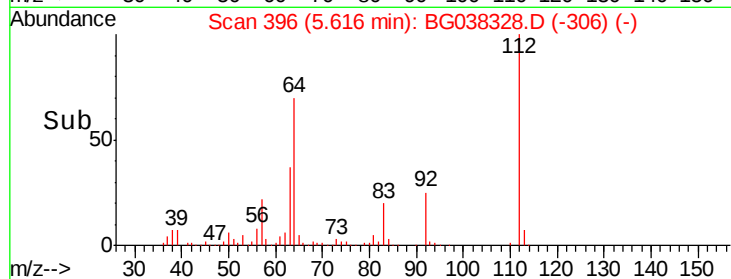
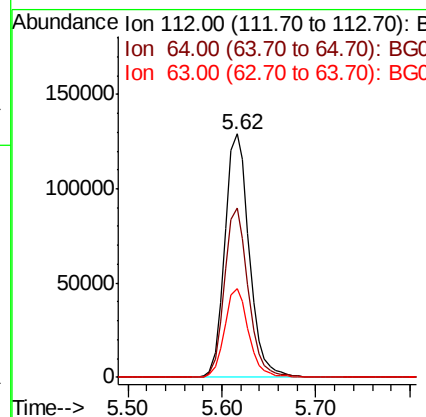
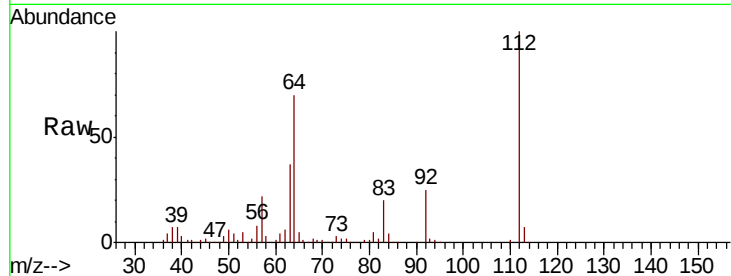
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 234151 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 69.8  | 53.1  | 79.7   |
| 63        | 36.5  | 27.3  | 40.9   |

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#6

Aniline

Concen: 50.842 ng

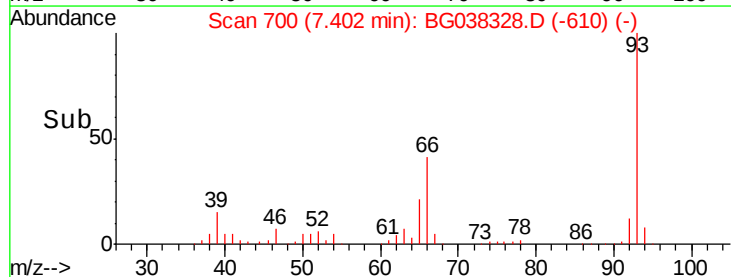
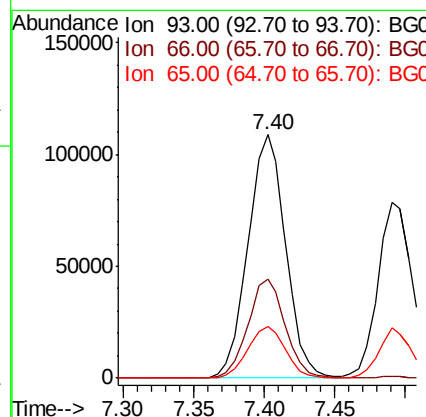
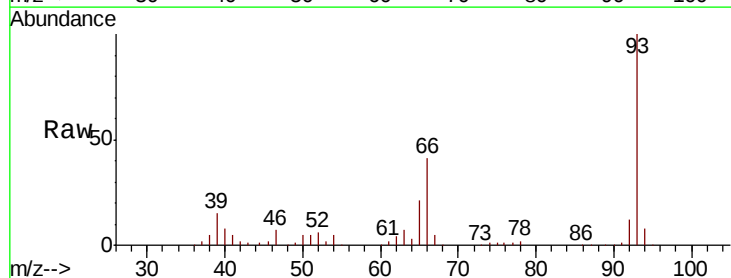
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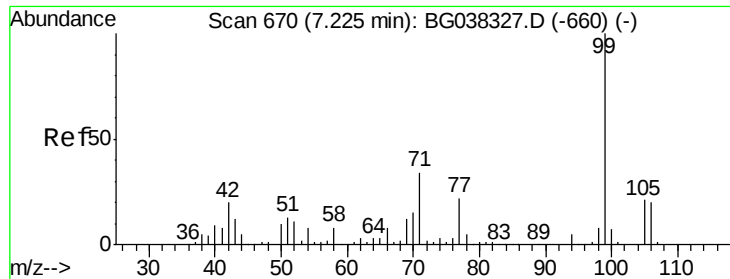
Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 203233 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 40.5  | 32.8  | 49.2   |
| 65        | 21.4  | 16.4  | 24.6   |





#7

Phenol-d6

Concen: 99.229 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA\_G

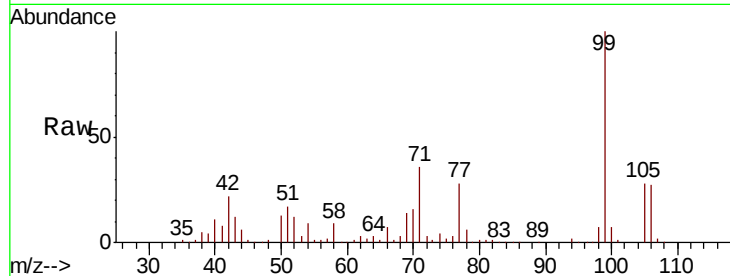
ClientSampleId :

SSTDIC050

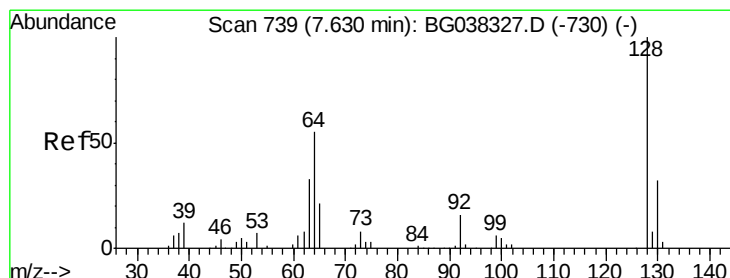
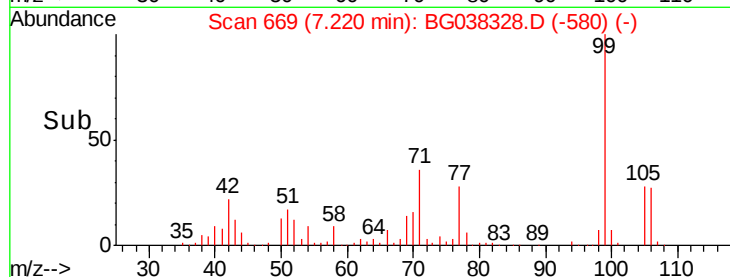
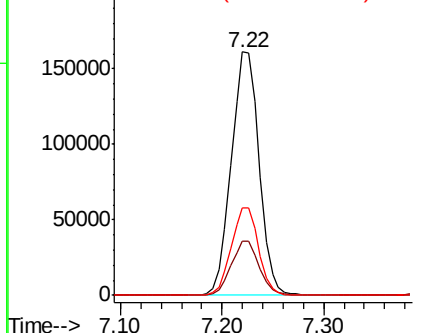
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 307331 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 22.3  | 15.0  | 22.4   |
| 71        | 36.0  | 25.5  | 38.3   |

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Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.836 ng

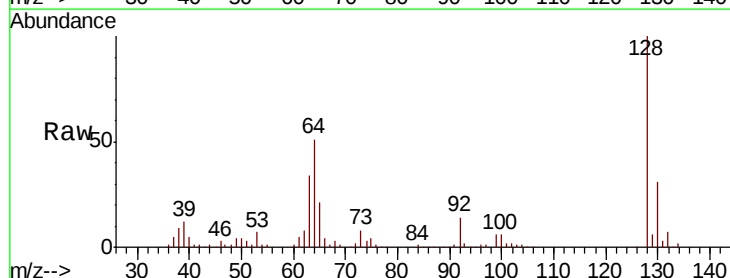
RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

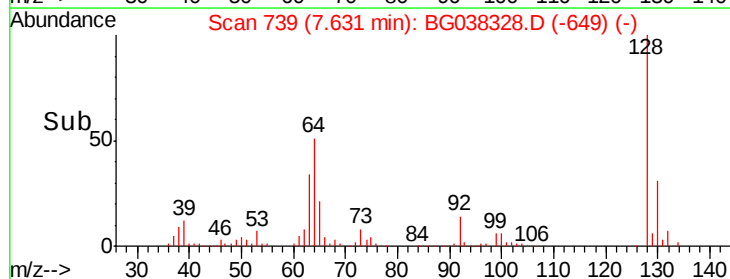
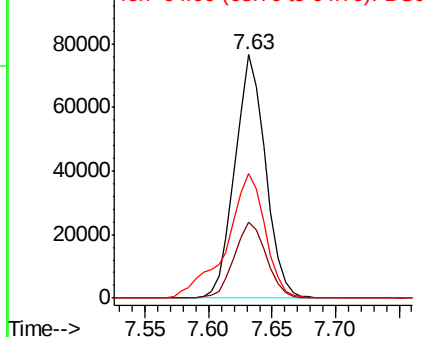
Lab File: BG038328.D

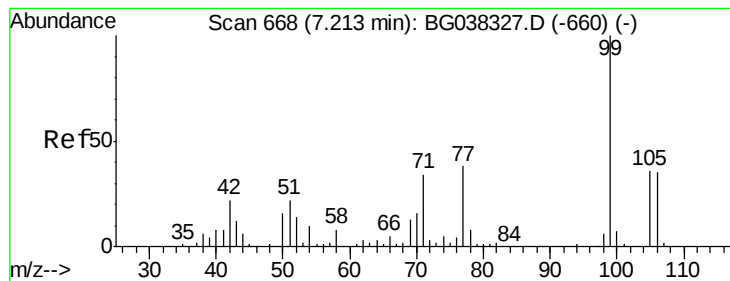
Acq: 4 Dec 2018 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 127985 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.3  | 12.0  | 52.0   |
| 64        | 51.0  | 32.9  | 72.9   |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.006 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 89606

Ion Ratio Lower Upper

77 100

105 88.5 72.6 112.6

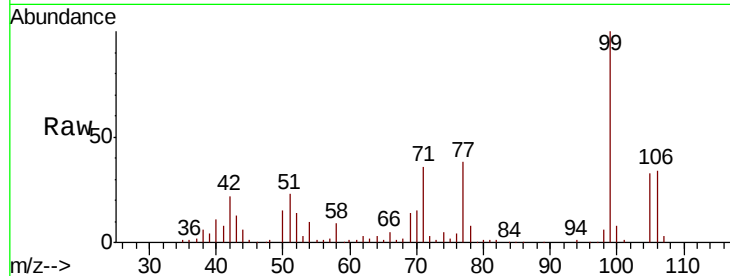
106 90.0 71.3 111.3

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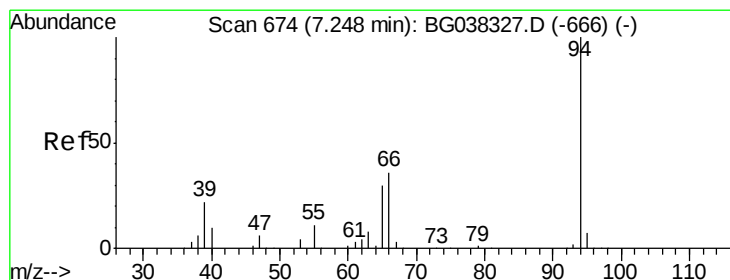
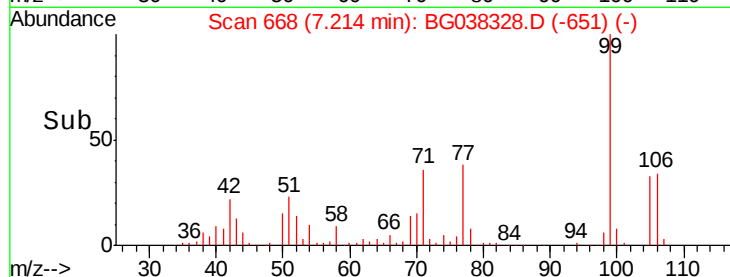
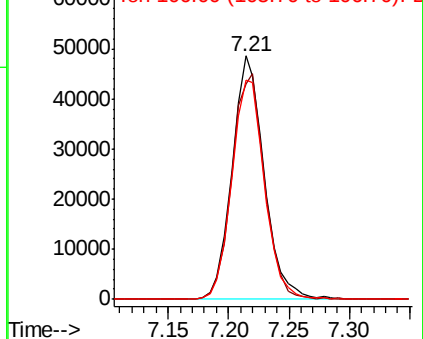
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Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.098 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

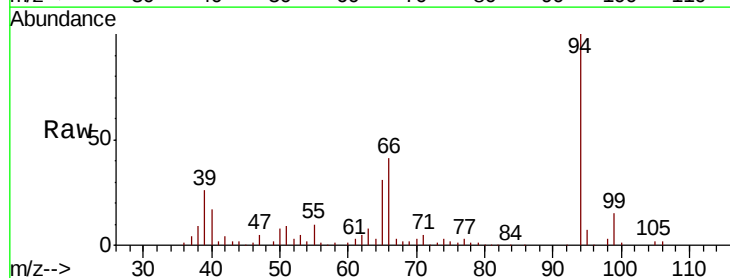
Tgt Ion: 94 Resp: 164351

Ion Ratio Lower Upper

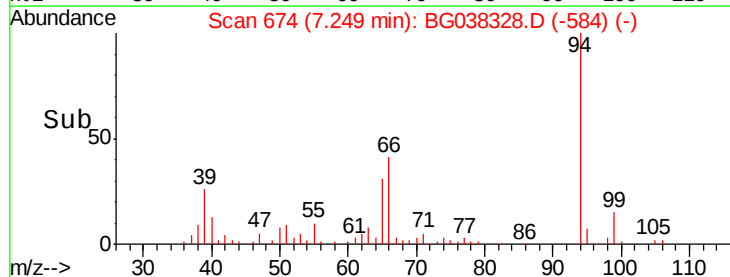
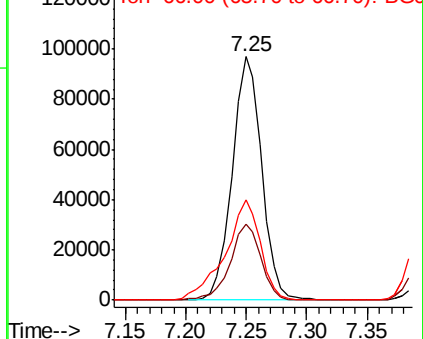
94 100

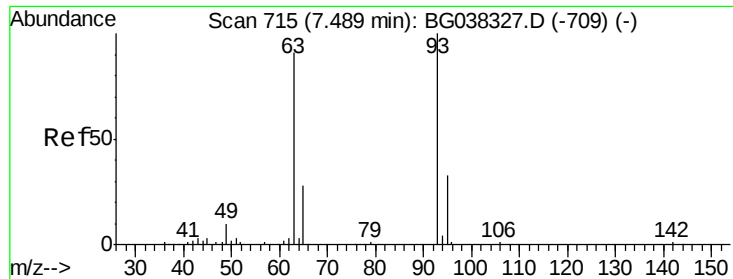
65 31.4 9.7 49.7

66 41.1 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC





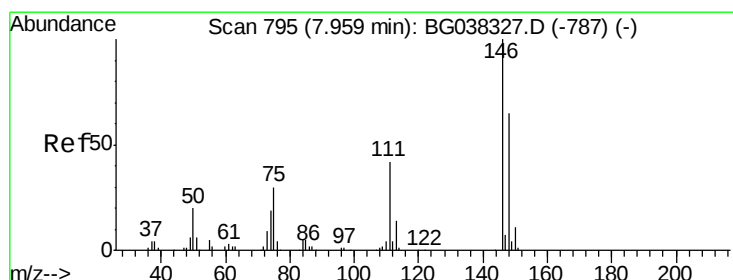
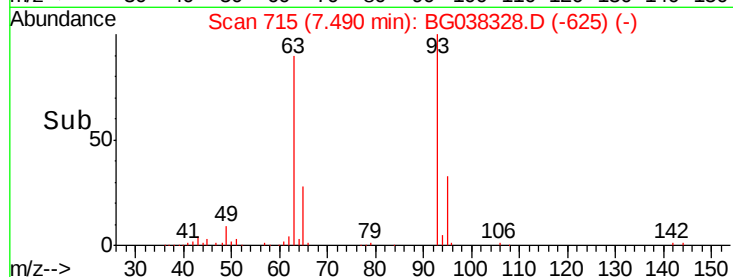
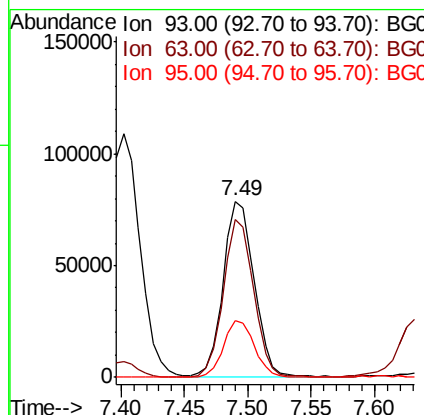
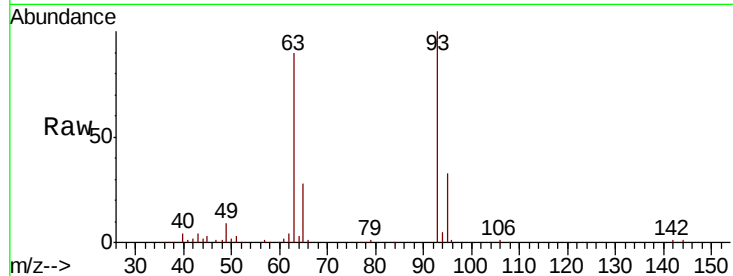
#11  
bis(2-Chloroethyl)ether  
Concen: 50.290 ng  
RT: 7.49 min Scan# 715  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 89.9  | 69.5  | 109.5 |
| 95      | 32.6  | 12.6  | 52.6  |

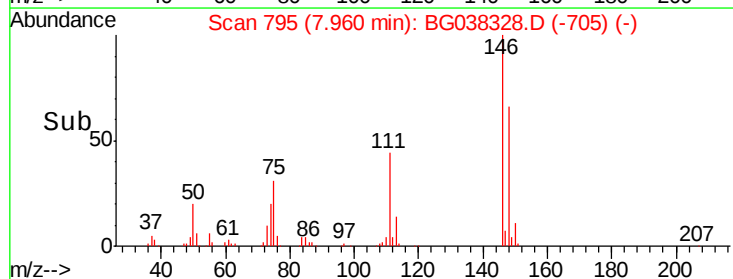
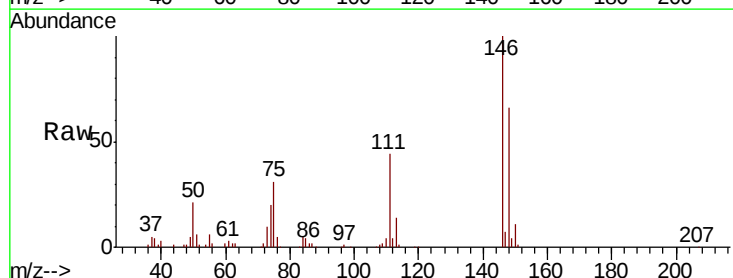
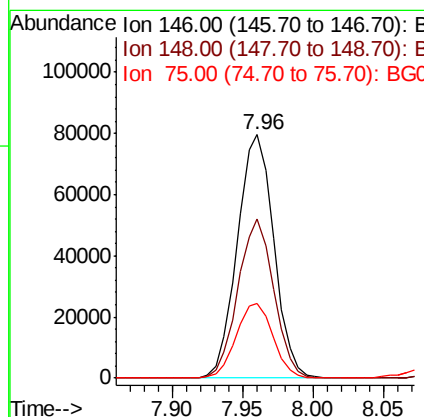
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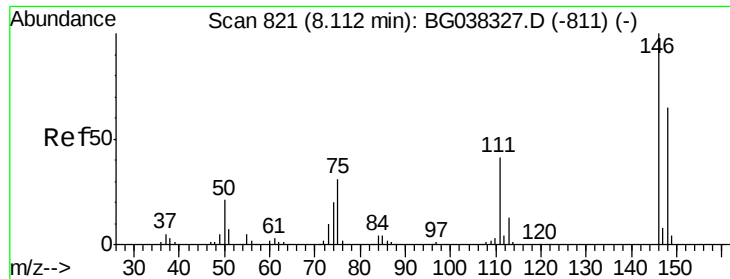
mohammad  
12/6/2018 10:32:50 AM



#12  
1,3-Dichlorobenzene  
Concen: 49.690 ng  
RT: 7.96 min Scan# 795  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 49.8  | 74.8  |
| 75      | 30.9  | 23.2  | 34.8  |





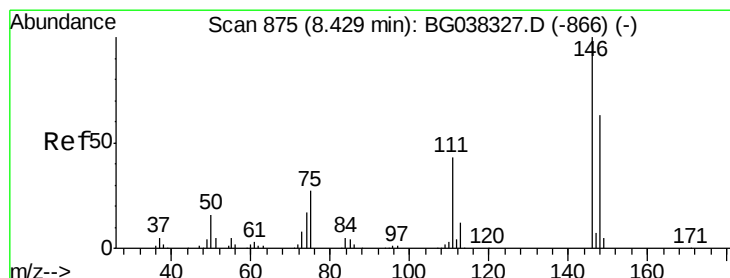
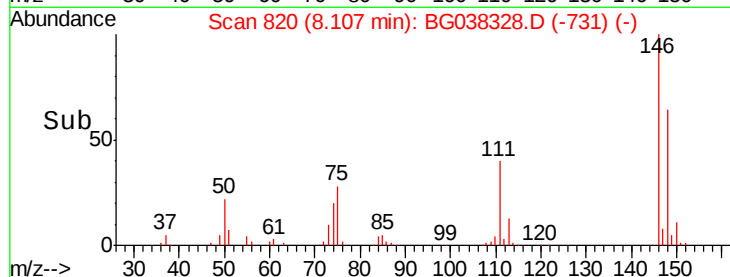
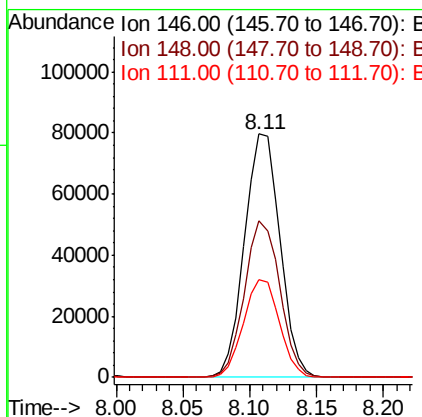
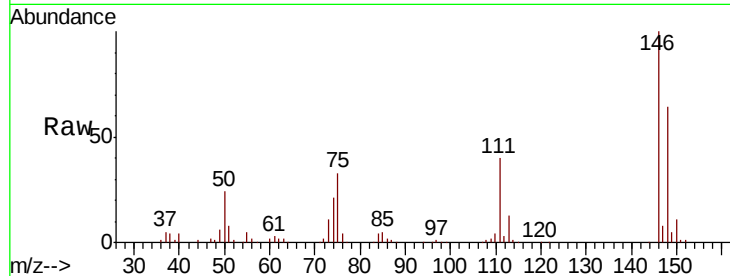
#13  
 1,4-Dichlorobenzene  
 Concen: 49.935 ng  
 RT: 8.11 min Scan# 820  
 Delta R.T. -0.00 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.0  | 76.6  |
| 111     | 39.9  | 32.4  | 48.6  |

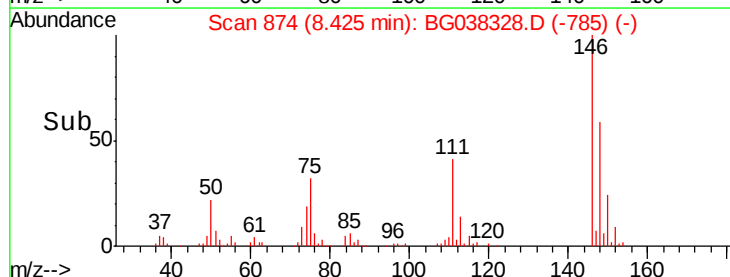
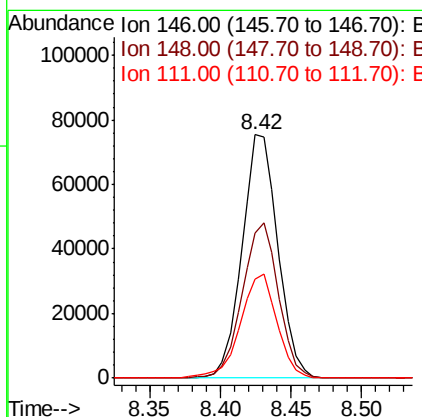
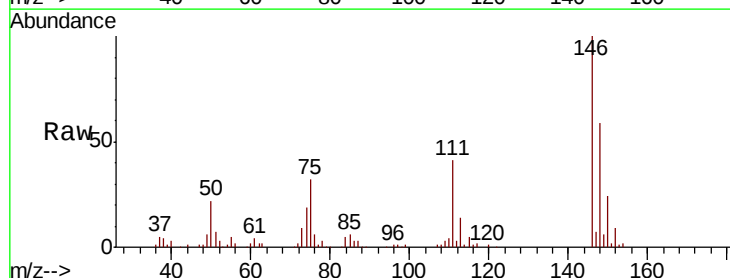
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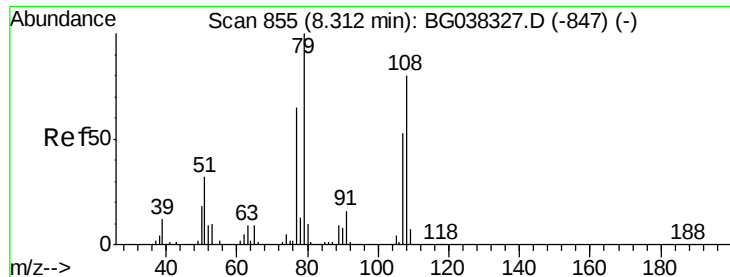
mohammad  
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#14  
 1,2-Dichlorobenzene  
 Concen: 47.769 ng  
 RT: 8.42 min Scan# 874  
 Delta R.T. -0.00 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 59.5  | 50.4  | 75.6  |
| 111     | 40.9  | 34.6  | 51.8  |





#15

Benzyl Alcohol

Concen: 55.908 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA\_G

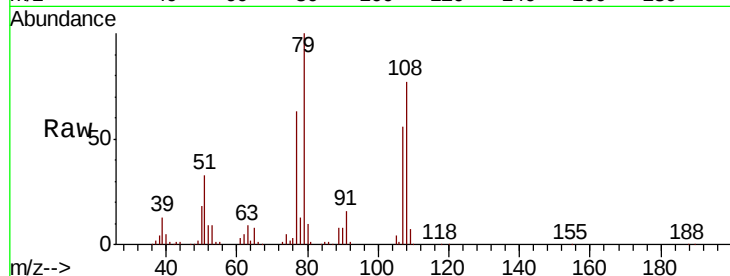
ClientSampleId :

SSTDIC050

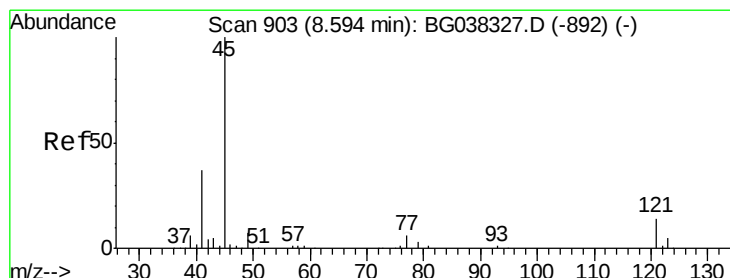
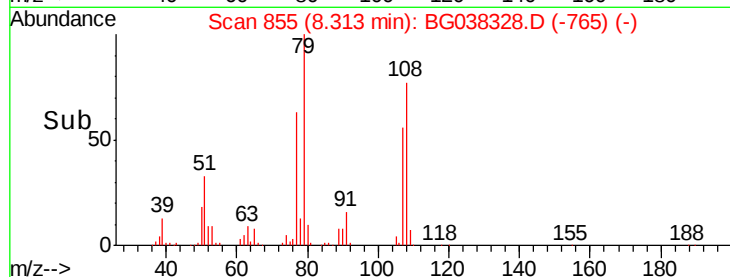
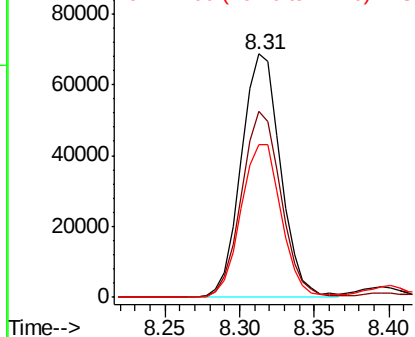
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 125296 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 76.5  | 65.8  | 98.8   |
| 77       | 62.7  | 52.9  | 79.3   |

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 56.006 ng

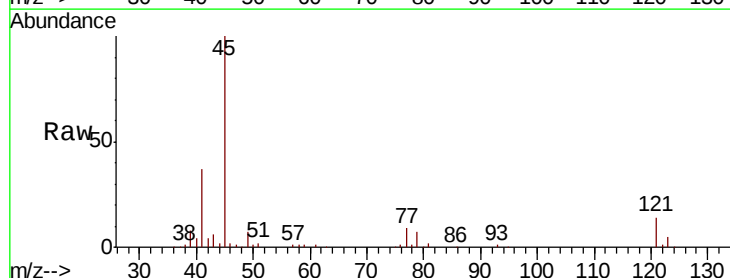
RT: 8.59 min Scan# 903

Delta R.T. 0.00 min

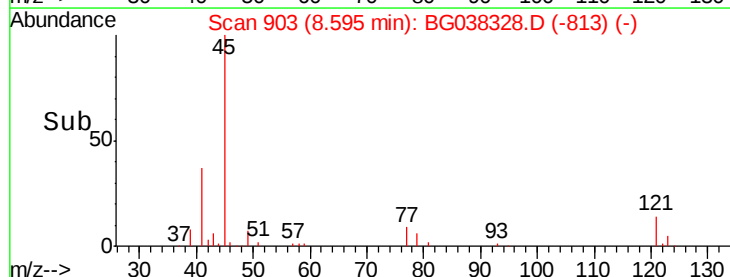
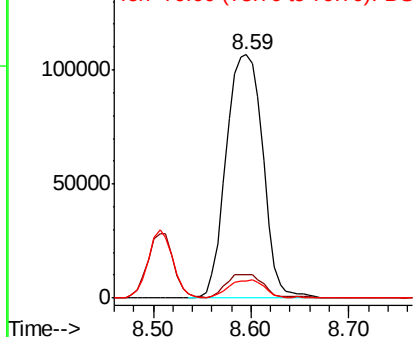
Lab File: BG038328.D

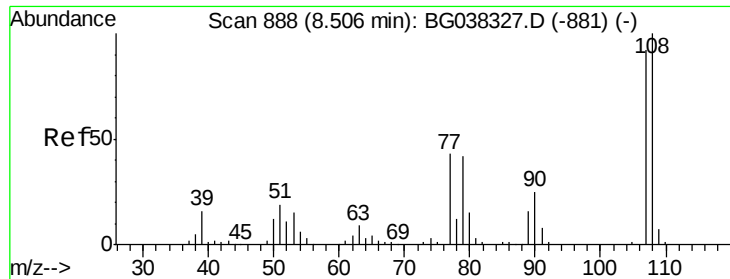
Acq: 4 Dec 2018 14:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 278528 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 9.5   | 0.0   | 30.0   |
| 79       | 7.1   | 0.0   | 29.0   |



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC





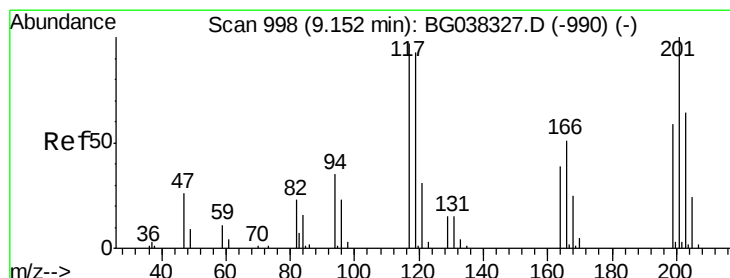
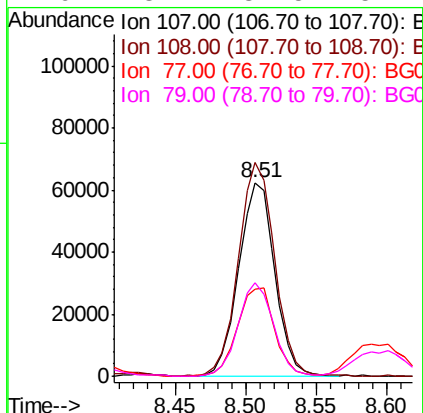
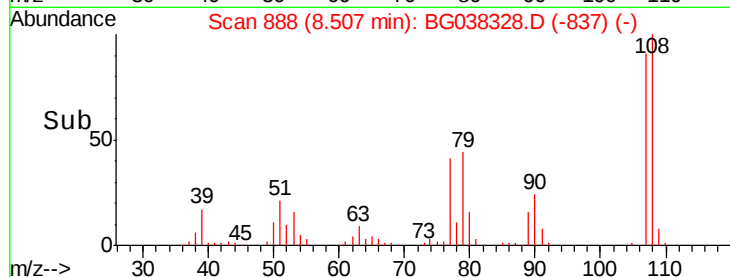
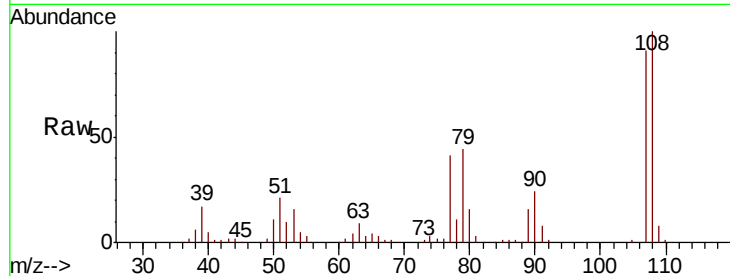
#17  
2-Methylphenol  
Concen: 50.377 ng  
RT: 8.51 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 111734 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.3 | 87.9  | 131.9  |
| 77       | 44.8  | 35.1  | 52.7   |
| 79       | 48.1  | 34.5  | 51.7   |

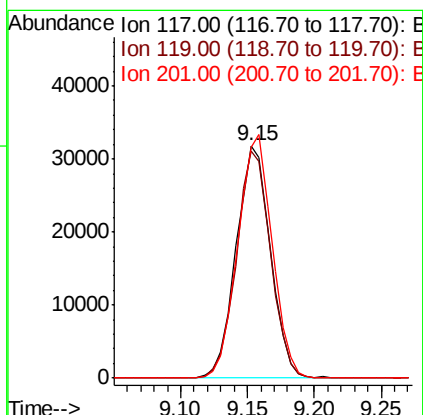
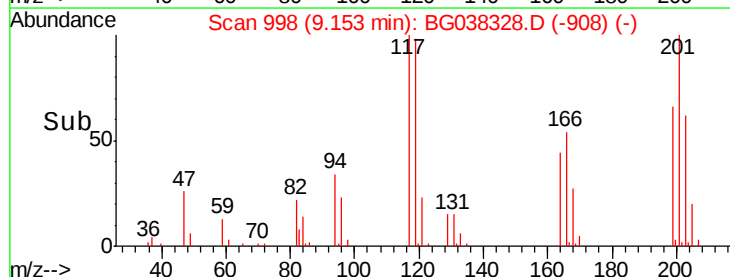
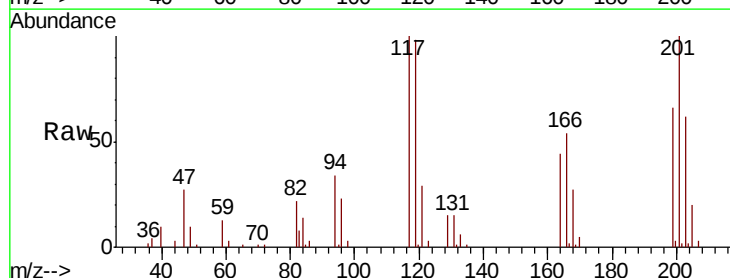
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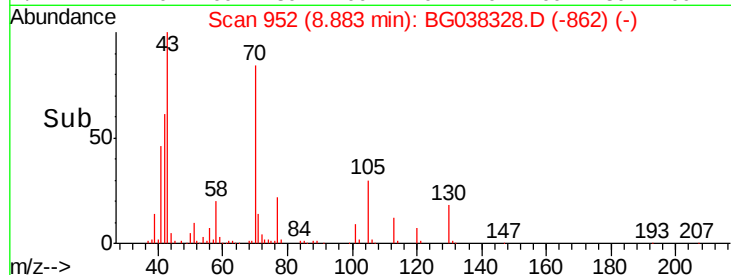
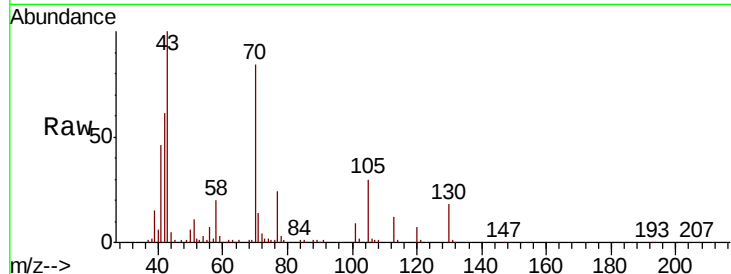
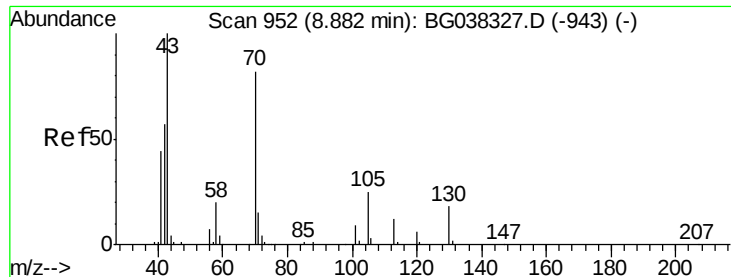
mohammad  
12/6/2018 10:32:50 AM



#18  
Hexachloroethane  
Concen: 52.926 ng  
RT: 9.15 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 56434 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.7  | 74.6  | 111.8 |
| 201      | 101.7 | 80.8  | 121.2 |





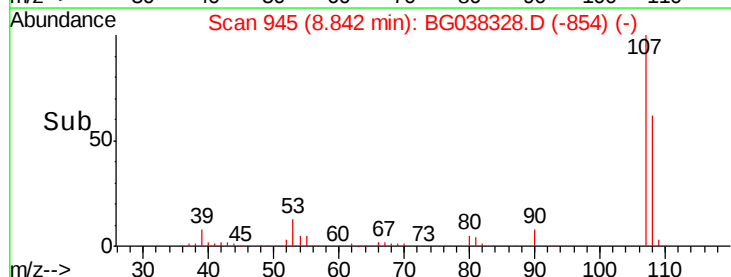
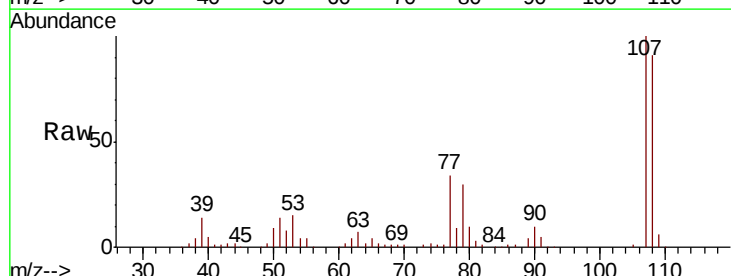
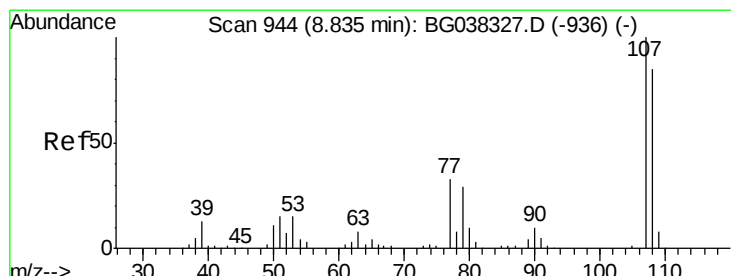
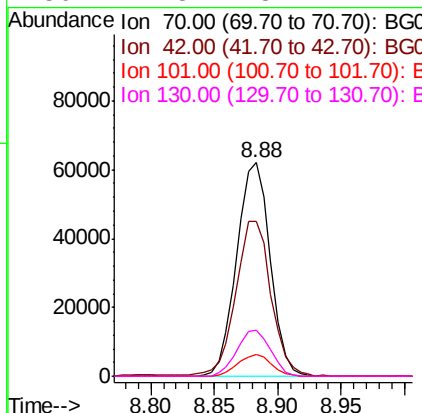
#19  
n-Nitroso-di-n-propylamine  
Concen: 50.693 ng  
RT: 8.88 min Scan# 952  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 72.6 | 53.9  | 80.9  |       |
| 101     | 10.2 | 8.2   | 12.2  |       |
| 130     | 21.8 | 18.2  | 27.4  |       |

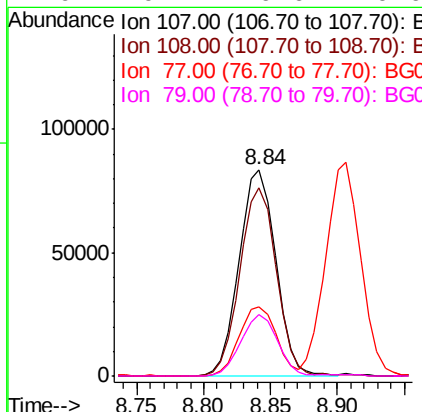
Manual Integrations  
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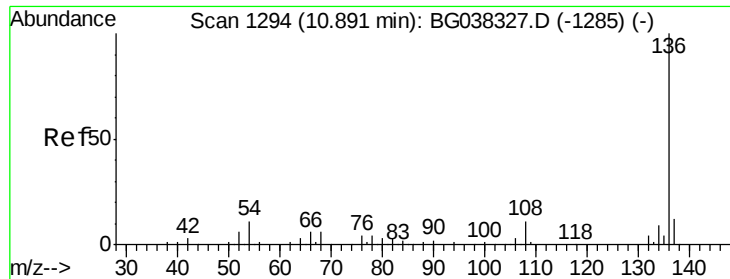
mohammad  
12/6/2018 10:32:50 AM



#20  
3+4-Methylphenols  
Concen: 50.788 ng  
RT: 8.84 min Scan# 945  
Delta R.T. 0.01 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 91.3 | 69.9  | 109.9 |       |
| 77      | 33.7 | 11.2  | 51.2  |       |
| 79      | 29.7 | 6.6   | 46.6  |       |





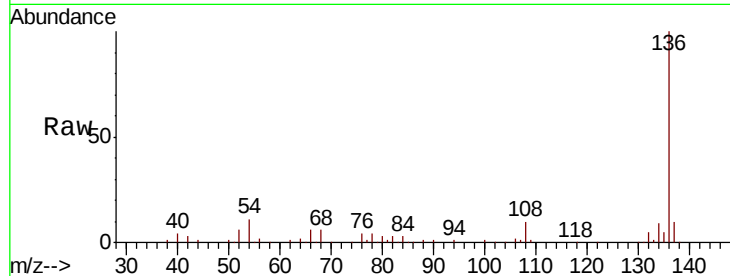
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.89 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

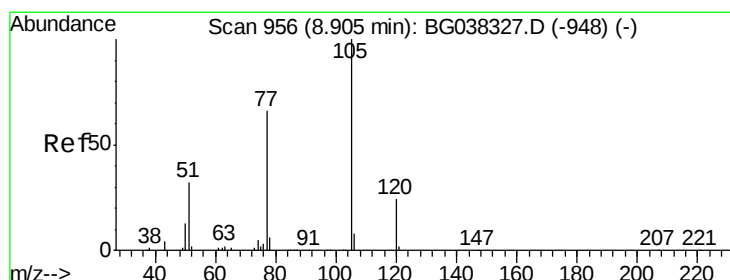
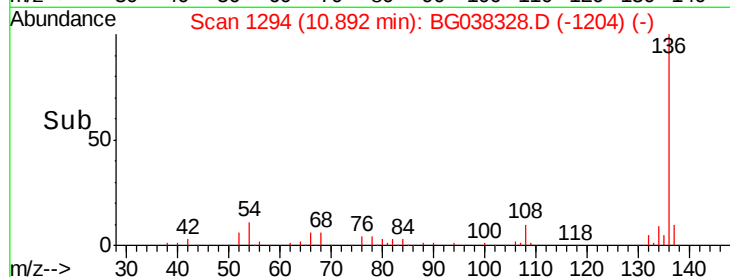
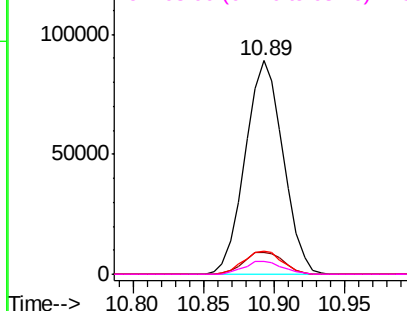
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 167385 |       |       |
| 137     | 10.2  |        | 9.6   | 14.4  |
| 54      | 10.9  |        | 7.9   | 11.9  |
| 68      | 5.9   |        | 4.8   | 7.2   |

Manual Integrations  
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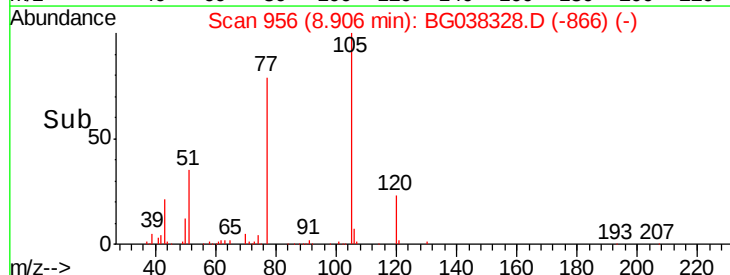
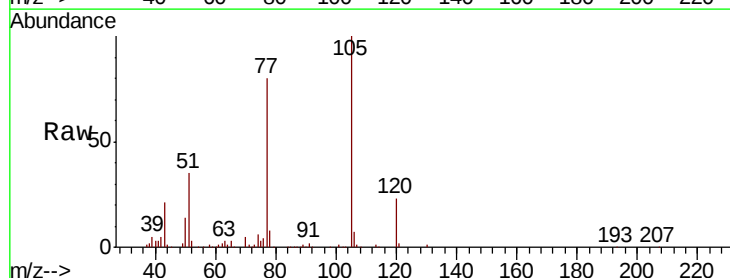
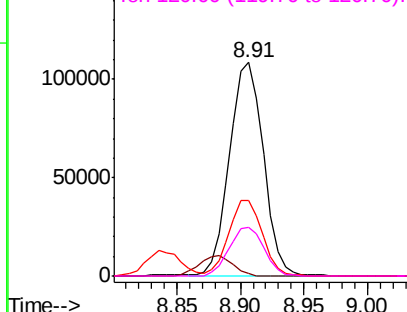
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

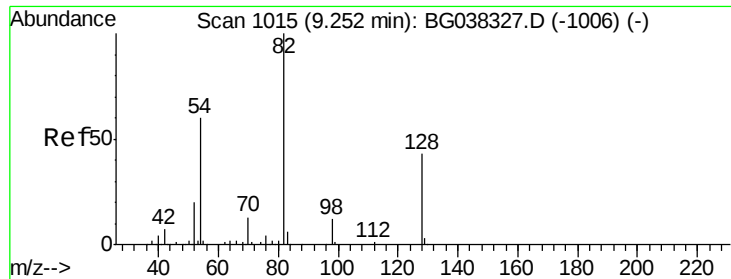


#22  
Acetophenone  
Concen: 48.093 ng  
RT: 8.91 min Scan# 956  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 200290 |       |       |
| 71      | 1.1   |        | 1.2   | 1.8#  |
| 51      | 35.3  |        | 25.0  | 37.6  |
| 120     | 23.0  |        | 18.6  | 28.0  |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E





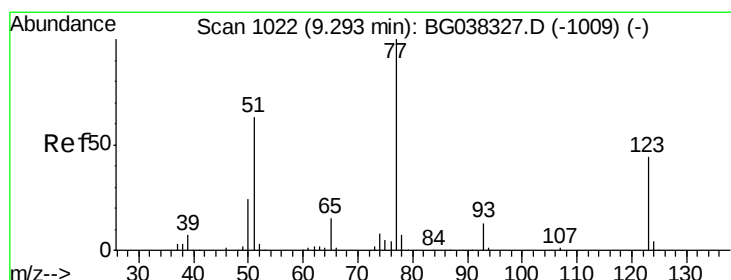
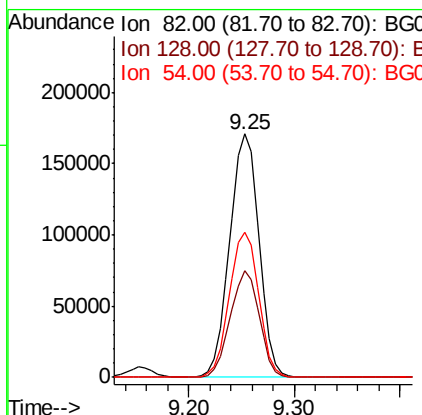
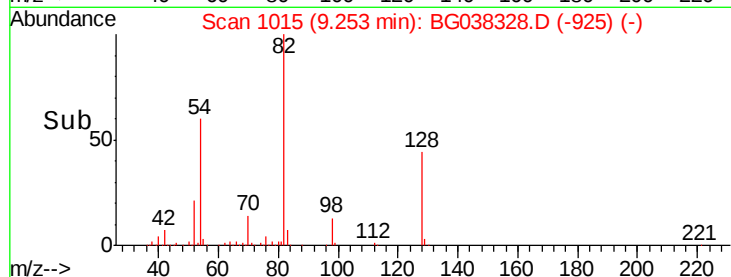
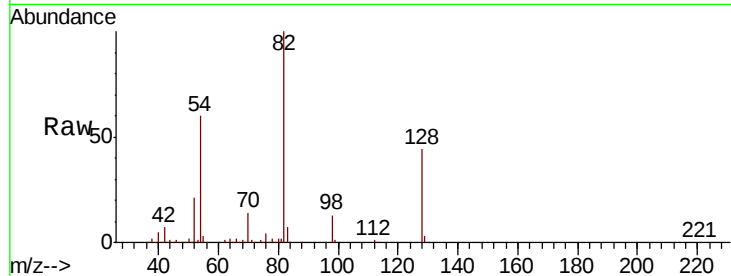
#23  
Nitrobenzene-d5  
Concen: 104.720 ng  
RT: 9.25 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion   | 82    | Resp  | 327452 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 43.6  | 34.6  | 51.8   |
| 54        | 59.6  | 45.3  | 67.9   |

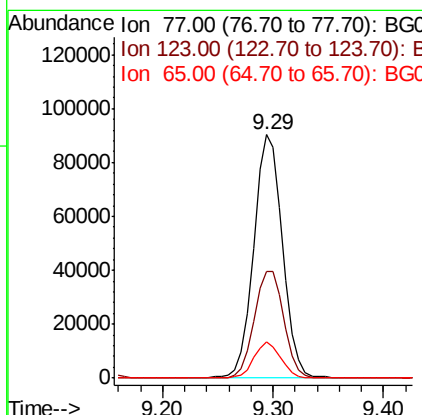
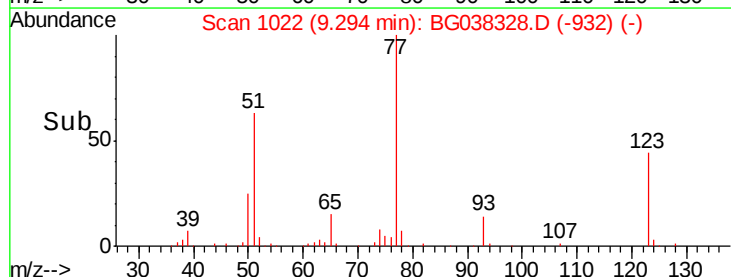
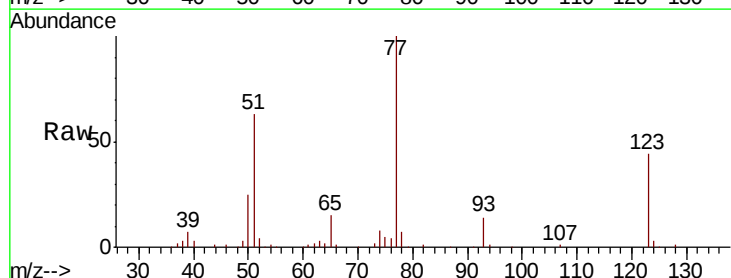
Manual Integrations  
APPROVED

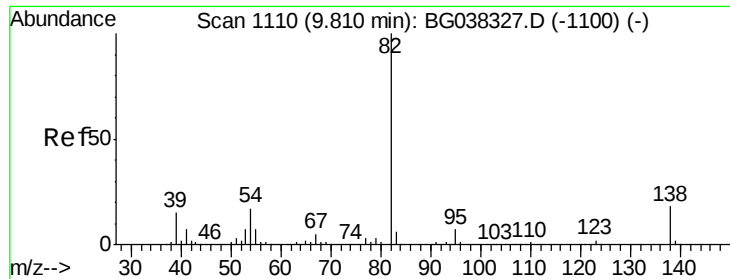
mohammad  
12/6/2018 10:32:50 AM



#24  
Nitrobenzene  
Concen: 51.562 ng  
RT: 9.29 min Scan# 1022  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion   | 77    | Resp  | 164933 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 43.8  | 33.6  | 50.4   |
| 65        | 14.8  | 11.3  | 16.9   |





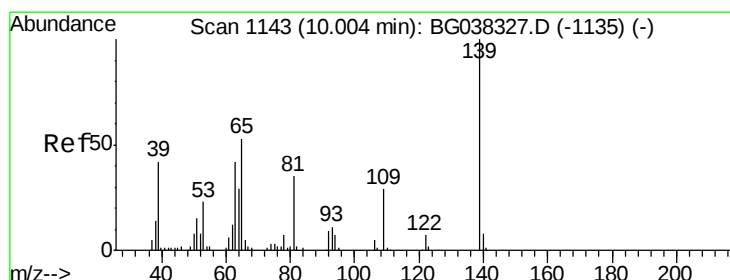
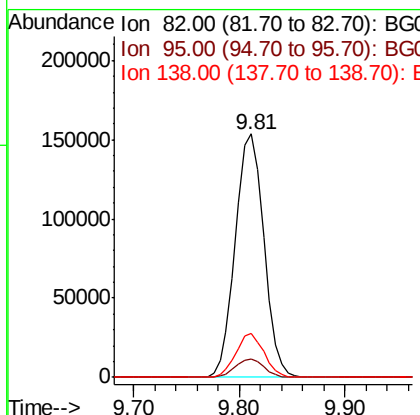
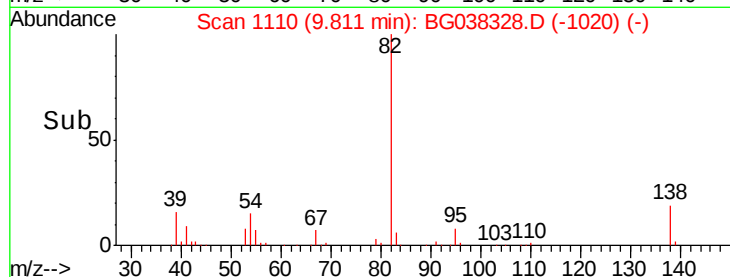
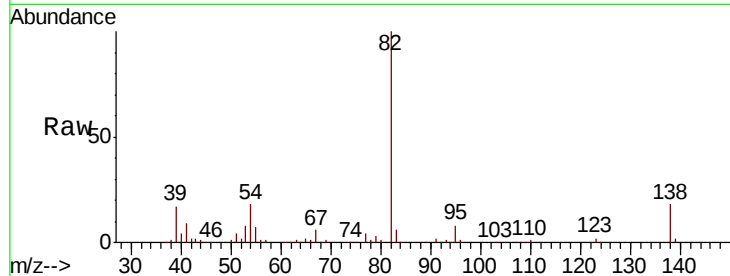
#25  
Isophorone  
Concen: 51.280 ng  
RT: 9.81 min Scan# 1110  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 288612 |       |       |
| 95      | 7.5   |        | 5.3   | 7.9   |
| 138     | 18.0  |        | 13.3  | 19.9  |

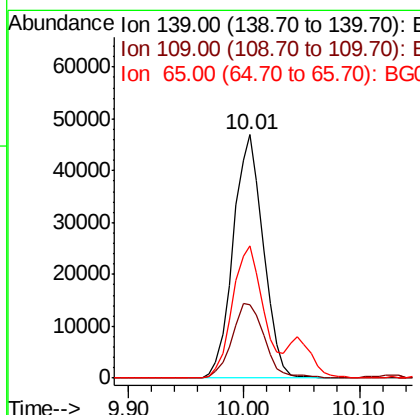
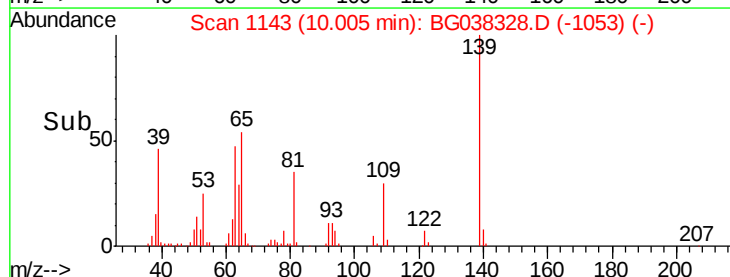
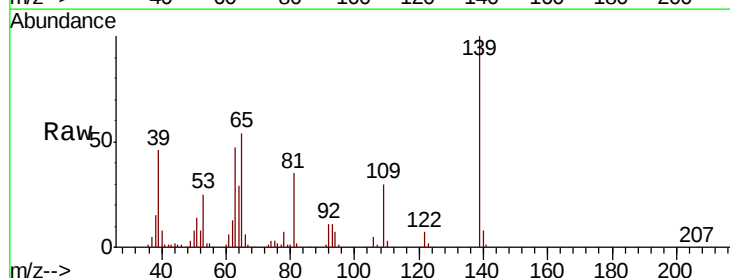
Manual Integrations  
APPROVED

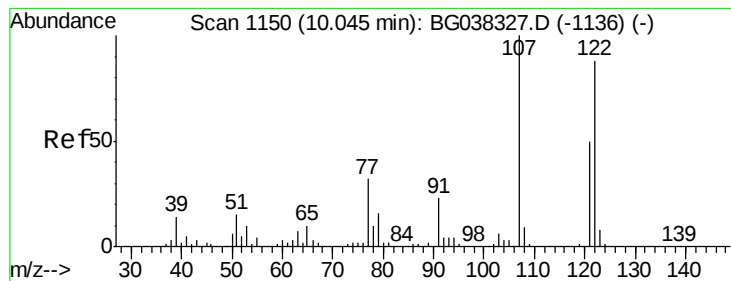
mohammad  
12/6/2018 10:32:50 AM



#26  
2-Nitrophenol  
Concen: 53.146 ng  
RT: 10.01 min Scan# 1143  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 84868 |       |       |
| 109     | 30.0  |       | 23.3  | 34.9  |
| 65      | 54.2  |       | 39.8  | 59.8  |





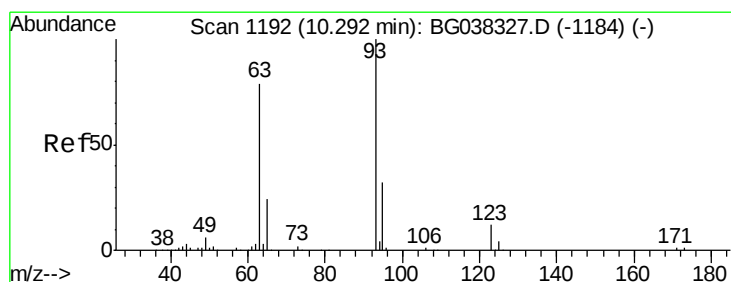
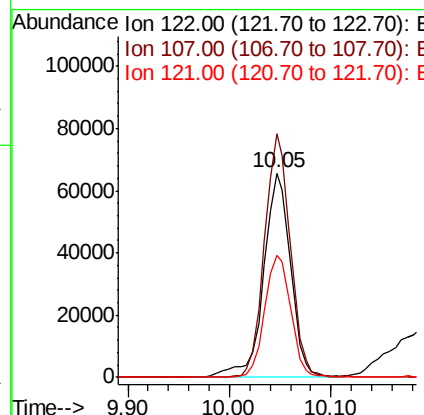
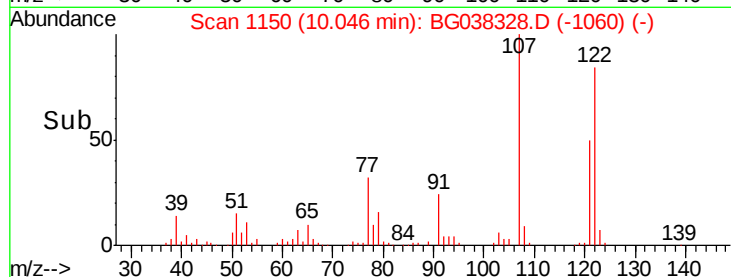
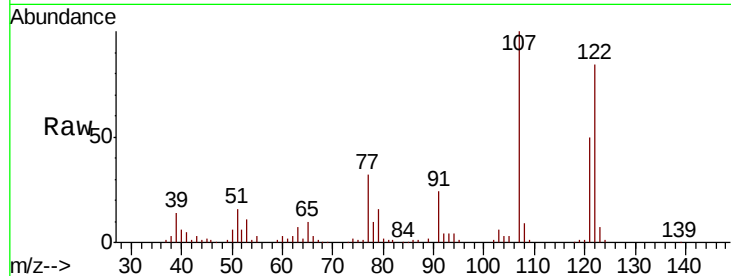
#27  
2,4-Dimethylphenol  
Concen: 50.410 ng  
RT: 10.05 min Scan# 1150  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 119.2 | 94.2  | 141.2 |
| 121     | 60.0  | 47.3  | 70.9  |

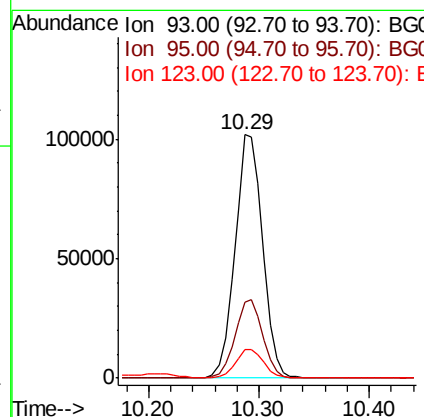
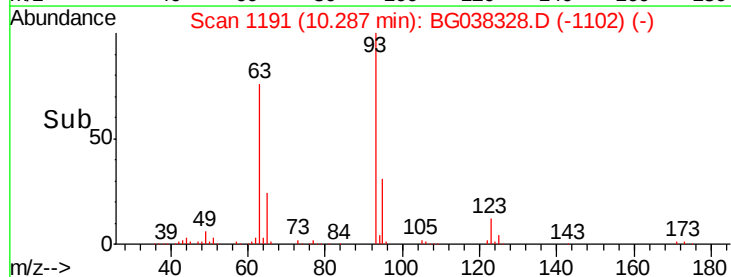
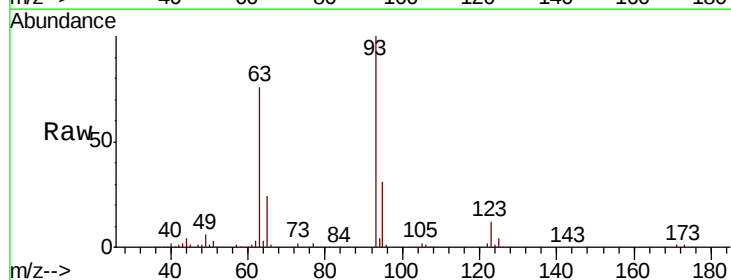
Manual Integrations  
APPROVED

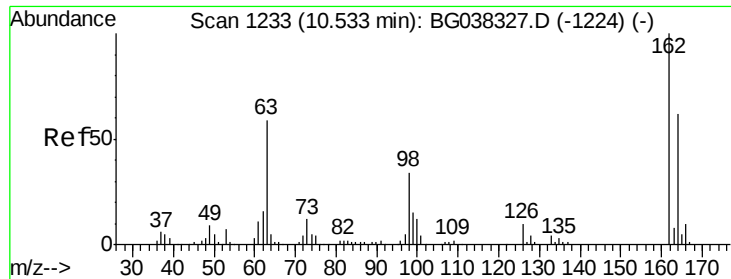
mohammad  
12/6/2018 10:32:50 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 49.638 ng  
RT: 10.29 min Scan# 1191  
Delta R.T. -0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.1  | 24.6  | 37.0  |
| 123     | 11.7  | 9.1   | 13.7  |





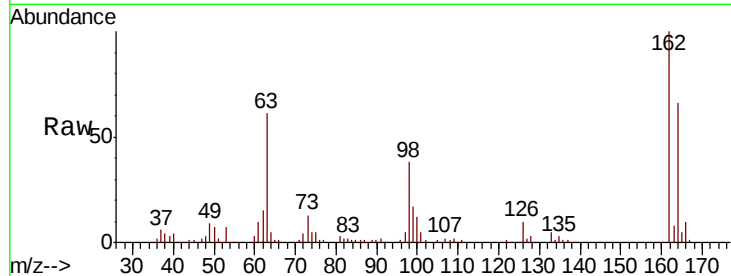
#29  
2,4-Dichlorophenol  
Concen: 50.290 ng  
RT: 10.53 min Scan# 1233  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 66.4  | 43.2       | 83.2  |
| 98      | 37.6  | 16.0       | 56.0  |

Manual Integrations  
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12/6/2018 10:32:50 AM

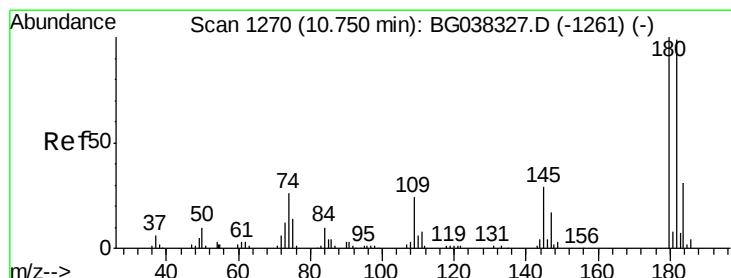
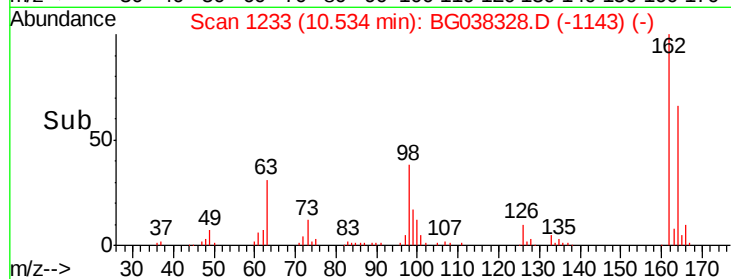
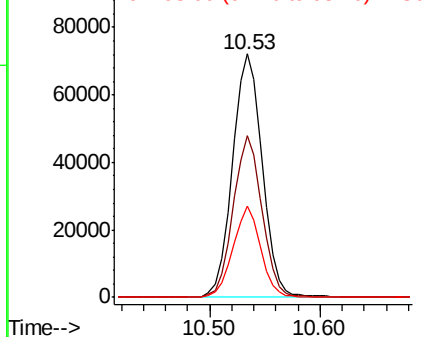


Abundance

Ion 162.00 (161.70 to 162.70): E

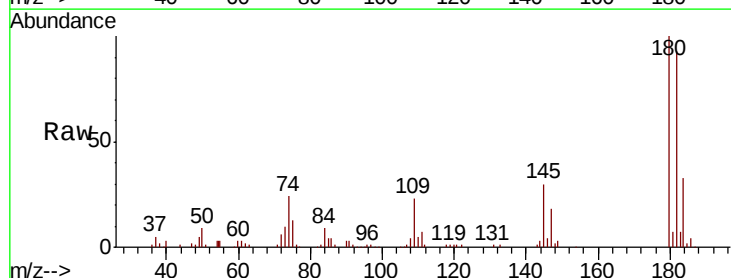
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30  
1,2,4-Trichlorobenzene  
Concen: 49.846 ng  
RT: 10.75 min Scan# 1270  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 93.1  | 77.7       | 116.5 |
| 145     | 29.8  | 23.3       | 34.9  |

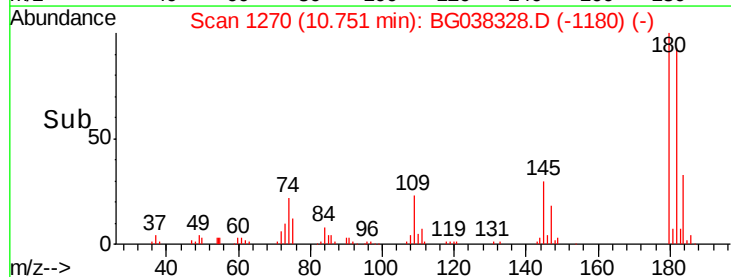
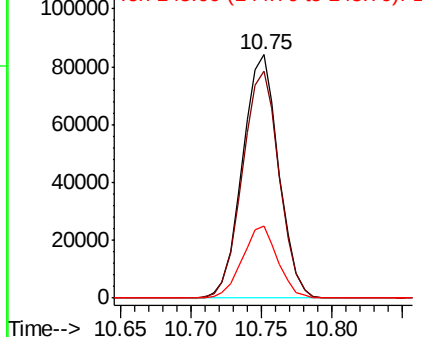


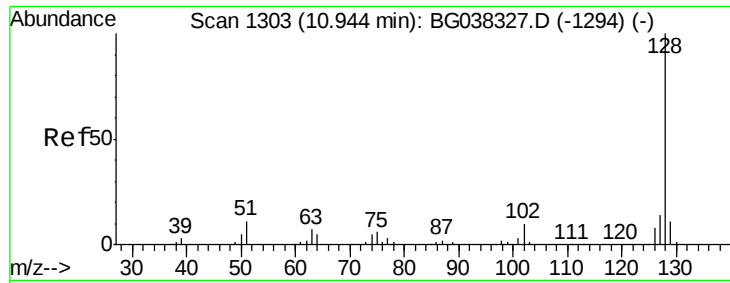
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





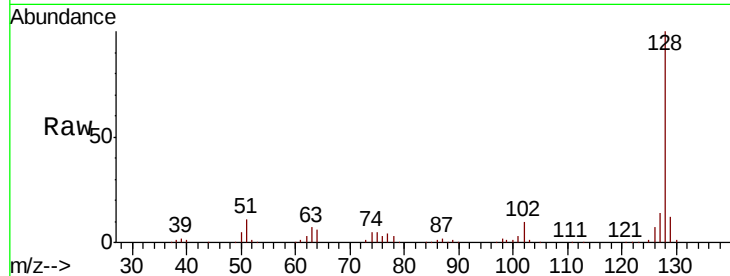
#31  
Naphthalene  
Concen: 48.789 ng  
RT: 10.95 min Scan# 1303  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.5  | 9.0   | 13.6  |
| 127     | 13.8  | 11.1  | 16.7  |

Manual Integrations  
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mohammad  
12/6/2018 10:32:50 AM

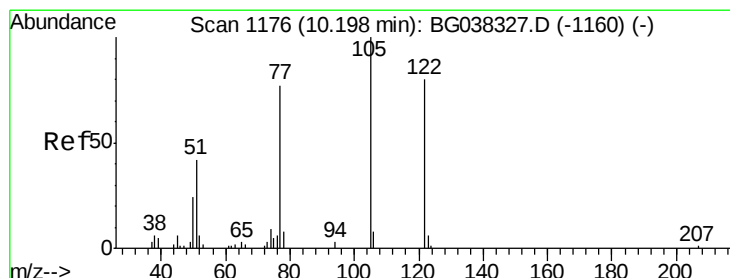
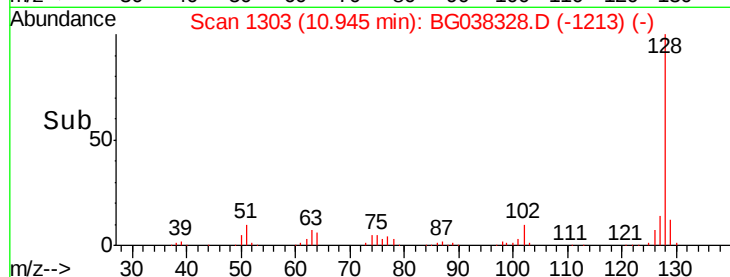
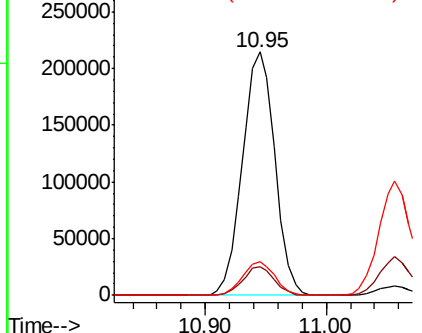


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 66.865 ng m  
RT: 10.21 min Scan# 1178  
Delta R.T. 0.01 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

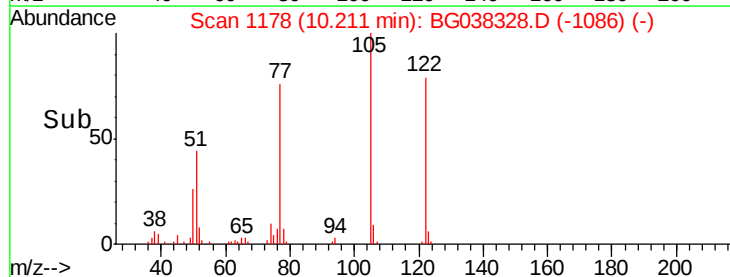
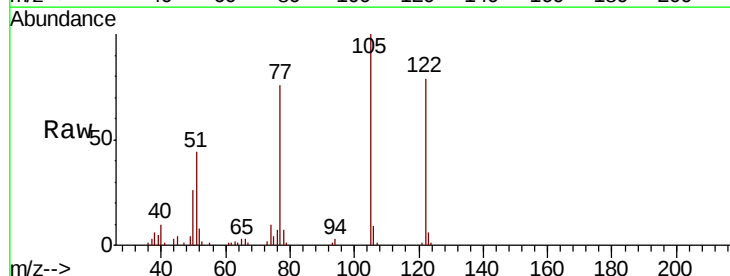
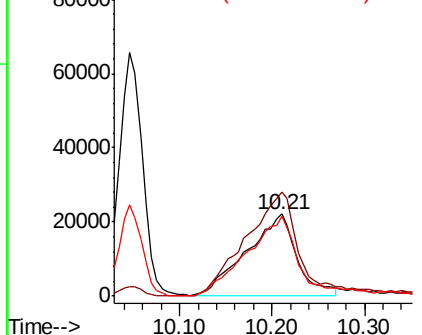
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 127.2 | 106.7 | 146.7 |
| 77      | 96.6  | 72.2  | 112.2 |

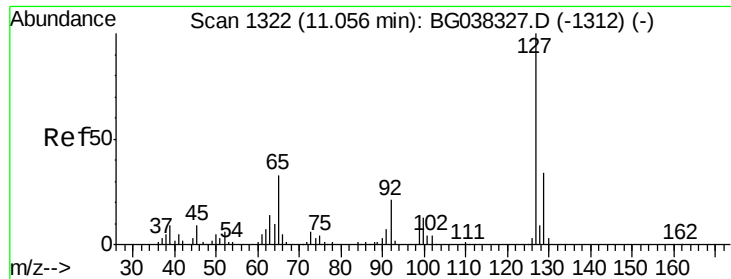
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





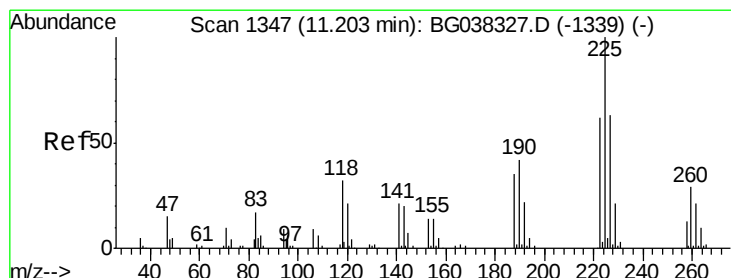
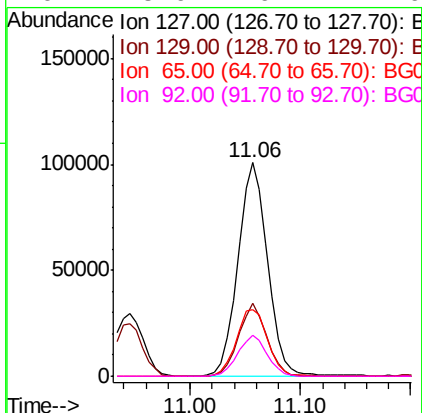
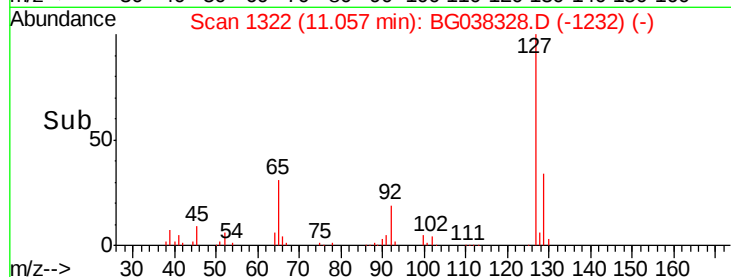
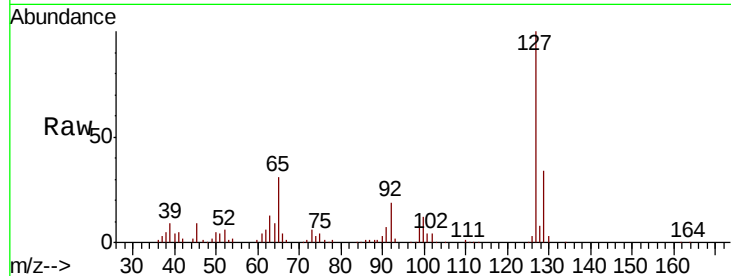
#33  
4-Chloroaniline  
Concen: 49.516 ng  
RT: 11.06 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.9  | 27.1  | 40.7  |
| 65      | 31.3  | 26.6  | 39.8  |
| 92      | 18.9  | 16.4  | 24.6  |

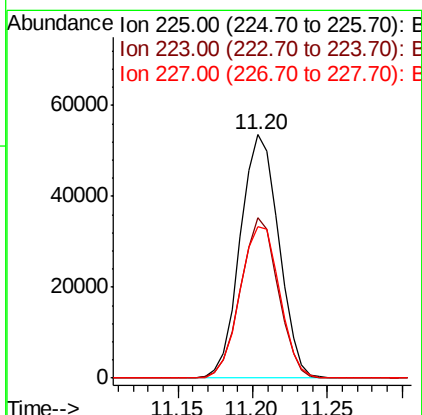
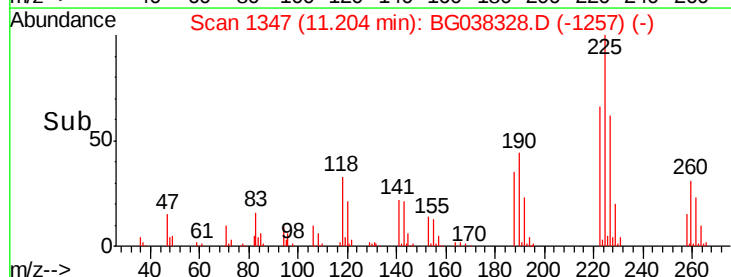
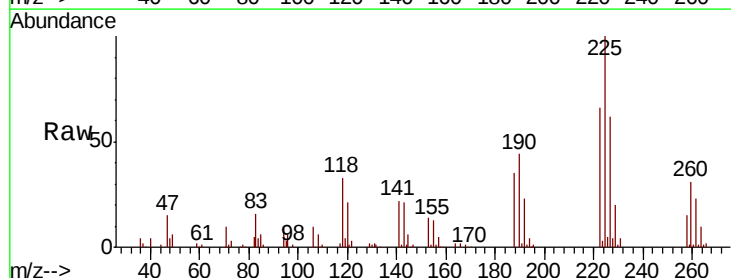
Manual Integrations  
APPROVED

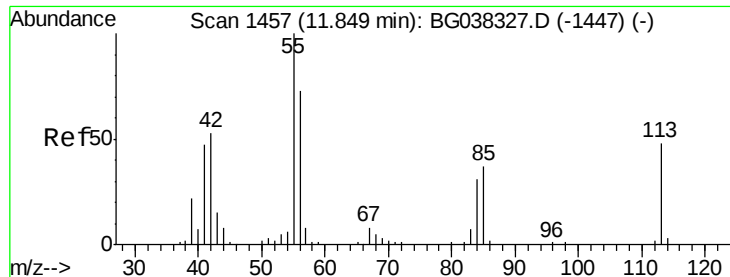
mohammad  
12/6/2018 10:32:50 AM



#34  
Hexachlorobutadiene  
Concen: 51.359 ng  
RT: 11.20 min Scan# 1347  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 48.2  | 72.4  |
| 227     | 62.8  | 51.6  | 77.4  |





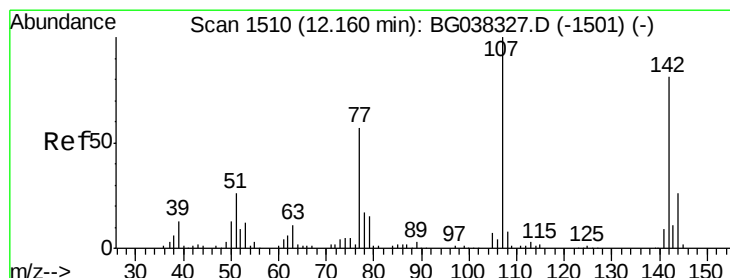
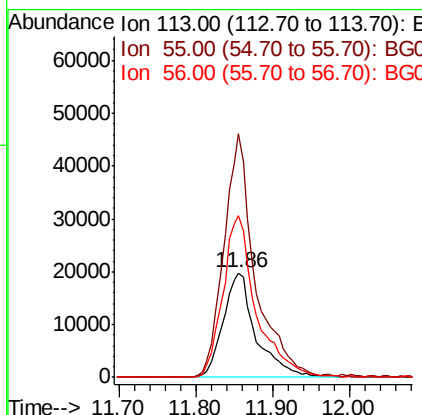
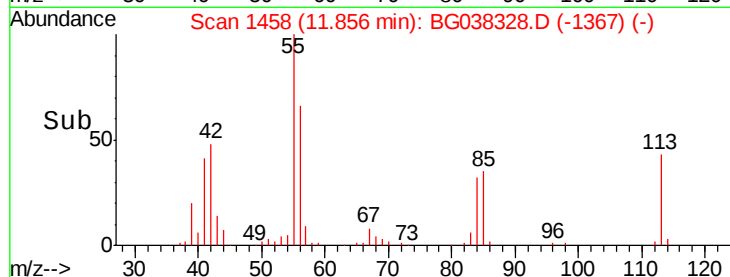
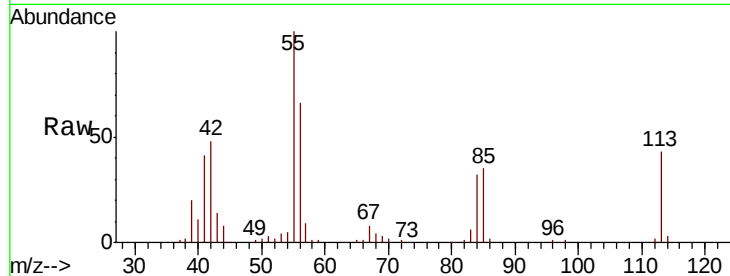
#35  
Caprolactam  
Concen: 53.873 ng  
RT: 11.86 min Scan# 1458  
Delta R.T. 0.01 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 232.4 | 176.6 | 216.6# |
| 56      | 154.3 | 128.3 | 168.3  |

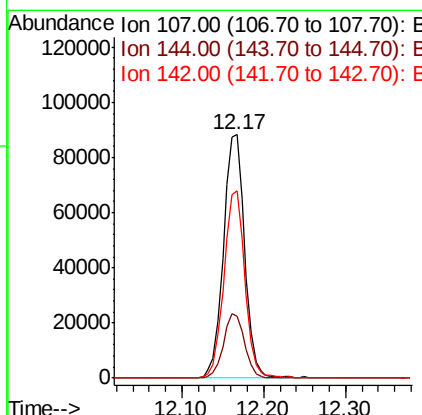
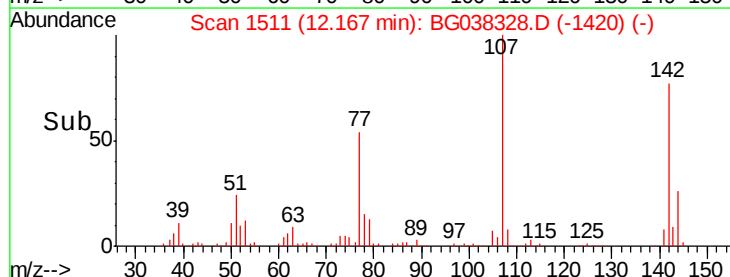
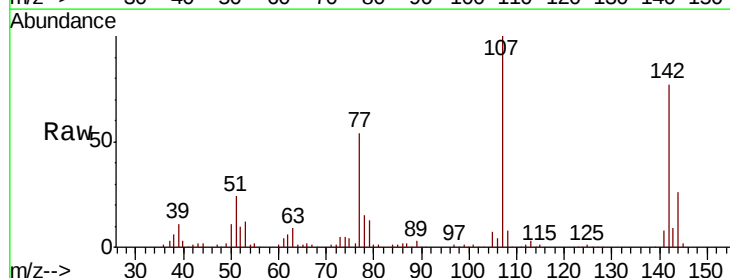
Manual Integrations  
APPROVED

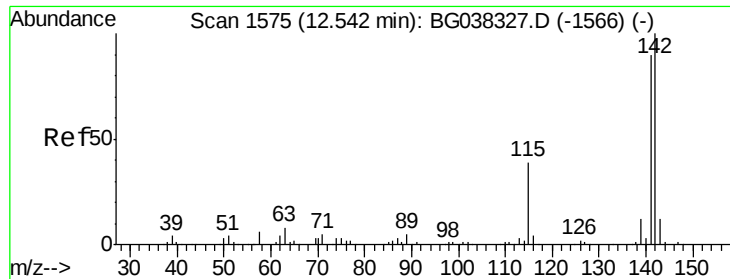
mohammad  
12/6/2018 10:32:50 AM



#36  
4-Chloro-3-methylphenol  
Concen: 53.878 ng  
RT: 12.17 min Scan# 1511  
Delta R.T. 0.01 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.6  | 20.7  | 31.1  |
| 142     | 77.1  | 64.4  | 96.6  |





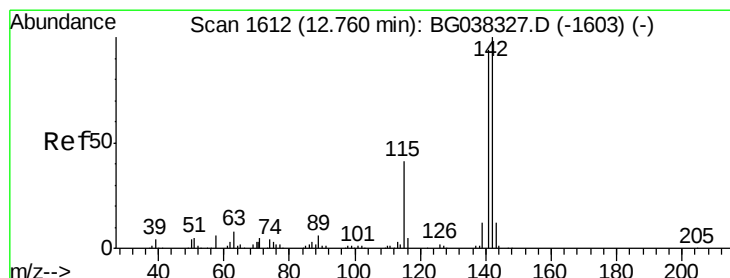
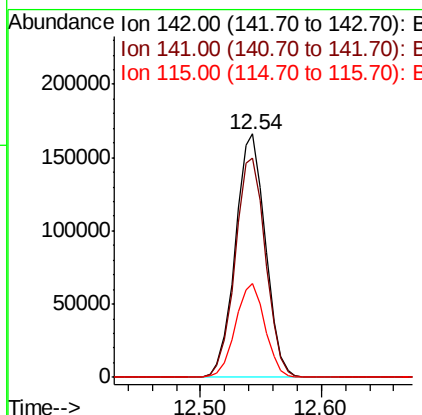
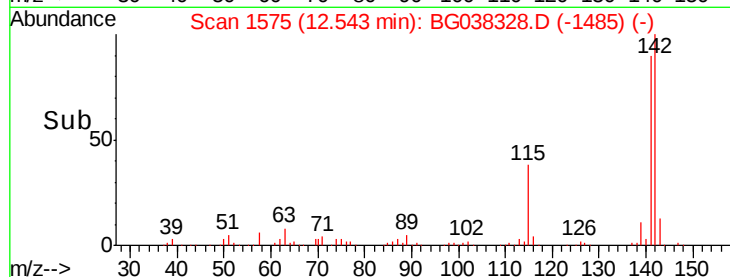
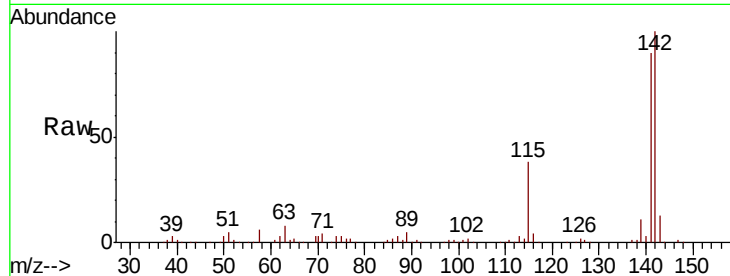
#37  
2-Methylnaphthalene  
Concen: 48.711 ng  
RT: 12.54 min Scan# 1575  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.9  | 71.9  | 107.9 |
| 115     | 38.4  | 27.8  | 41.8  |

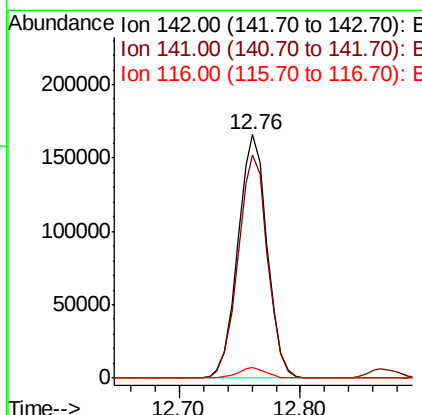
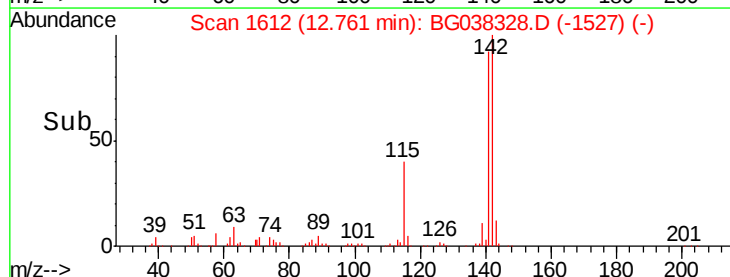
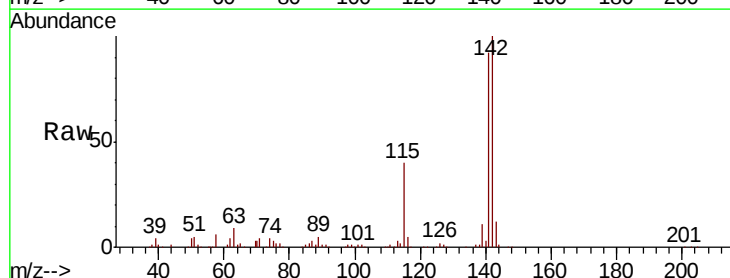
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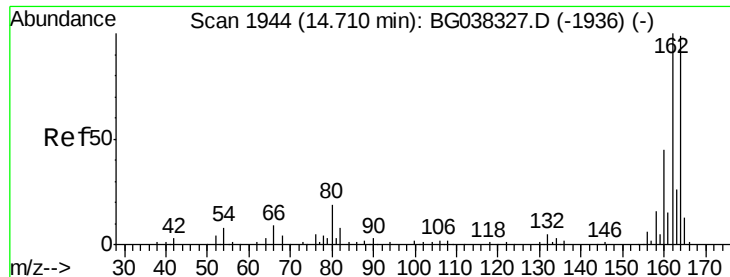
mohammad  
12/6/2018 10:32:50 AM



#38  
1-Methylnaphthalene  
Concen: 48.886 ng  
RT: 12.76 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.7  | 75.2  | 112.8 |
| 116     | 4.6   | 3.3   | 4.9   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tot Ion:164 Resp: 98388

Ion Ratio Lower Upper

164 100

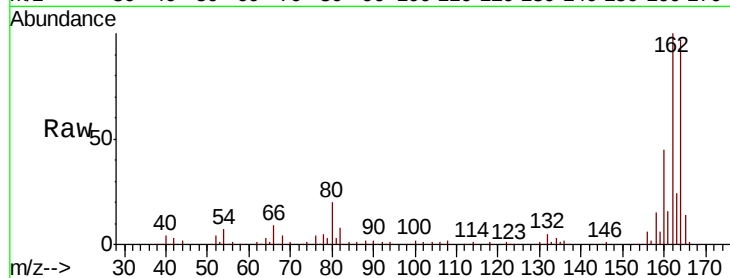
162 103.3 81.3 121.9

160 46.1 36.3 54.5

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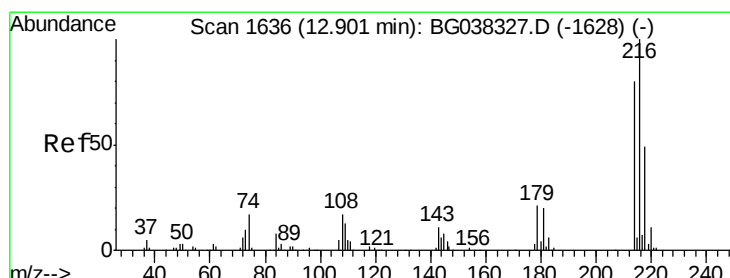
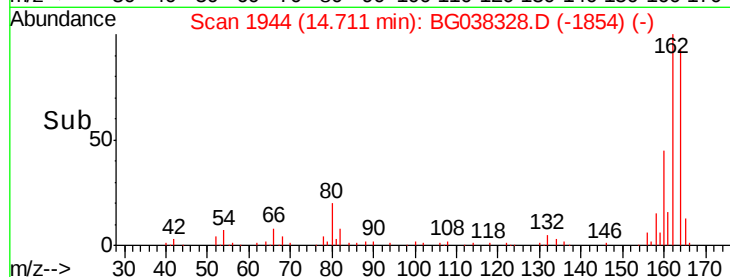
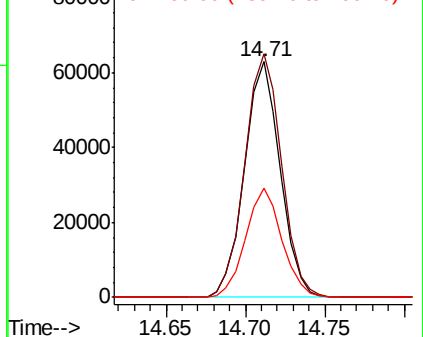


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.453 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Tgt Ion:216 Resp: 175736

Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 20.8 17.4 26.0

108 18.2 13.9 20.9

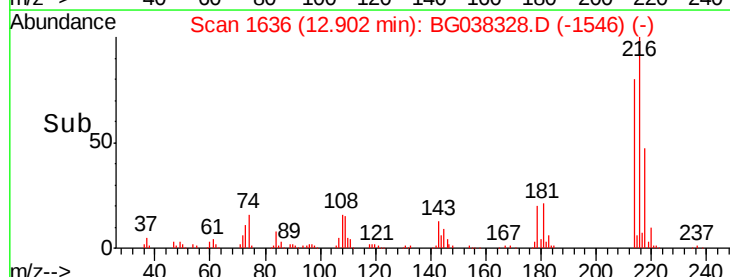
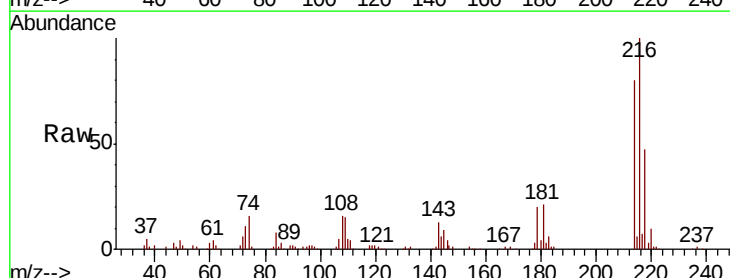
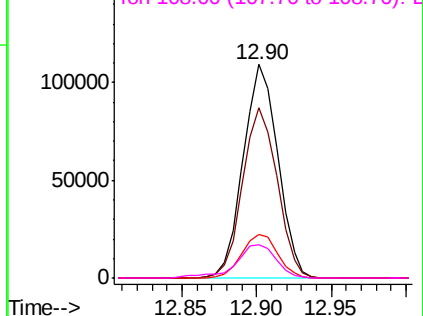
Abundance

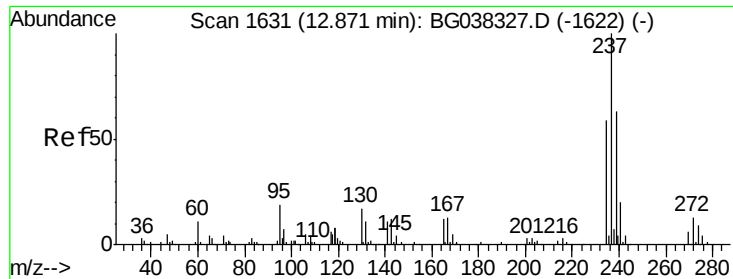
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





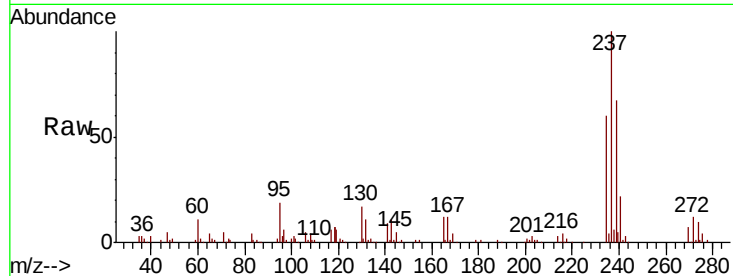
#41  
Hexachlorocyclopentadiene  
Concen: 57.529 ng  
RT: 12.87 min Scan# 1631  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 60.3  | 42.5       | 82.5  |
| 272     | 11.7  | 0.0        | 31.6  |

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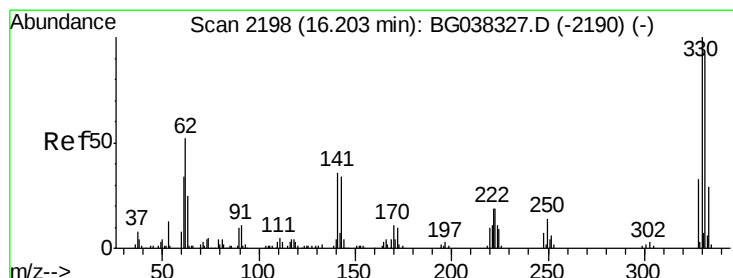
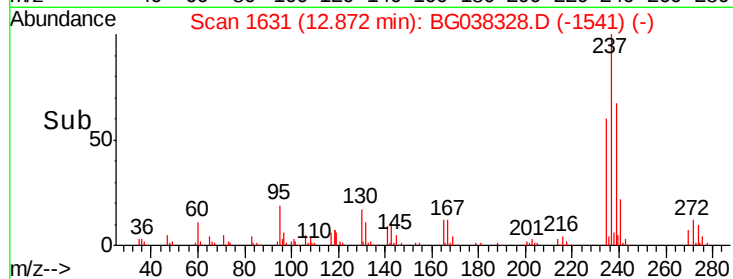
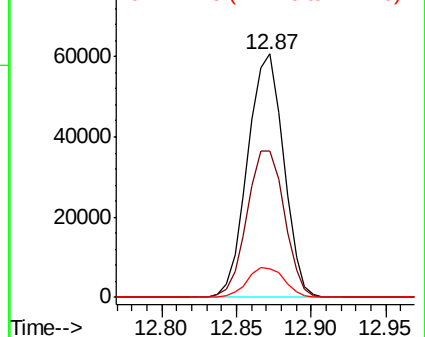


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42  
2,4,6-Tribromophenol  
Concen: 116.148 ng  
RT: 16.20 min Scan# 2198  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

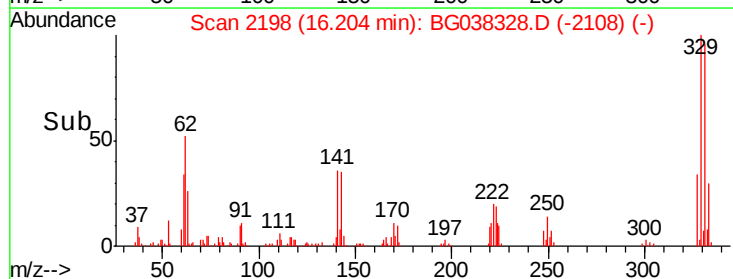
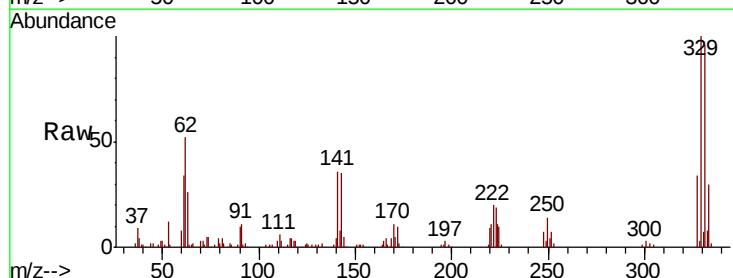
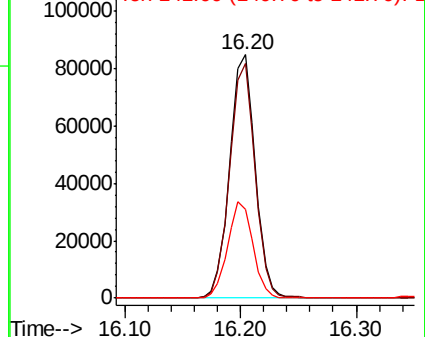
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 95.6  | 78.4       | 117.6 |
| 141     | 39.1  | 32.2       | 48.2  |

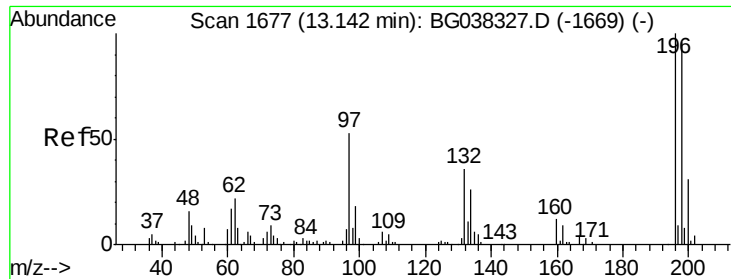
Abundance

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





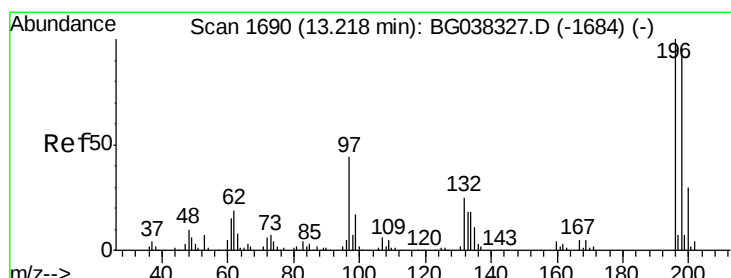
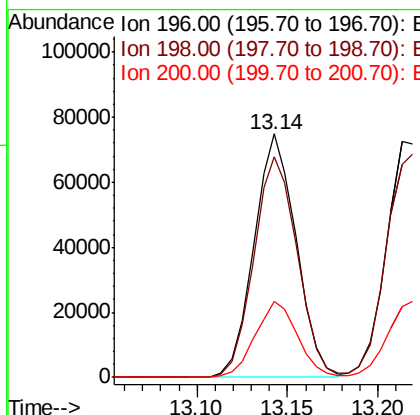
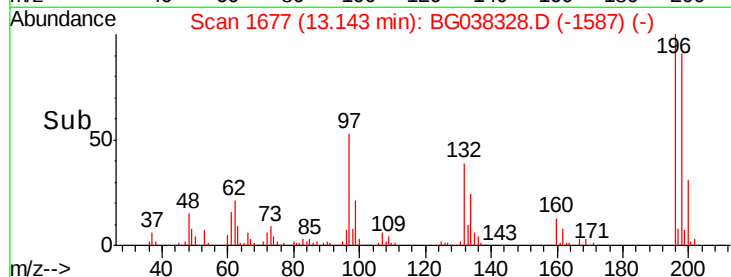
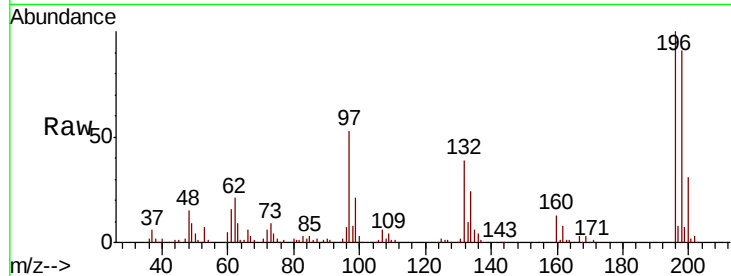
#43  
 2,4,6-Trichlorophenol  
 Concen: 53.774 ng  
 RT: 13.14 min Scan# 1677  
 Delta R.T. 0.00 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 120471 |       |       |
| 198     | 90.6  | 76.4   | 114.6 |       |
| 200     | 31.1  | 24.9   | 37.3  |       |

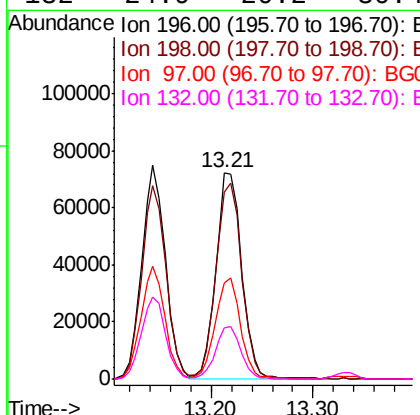
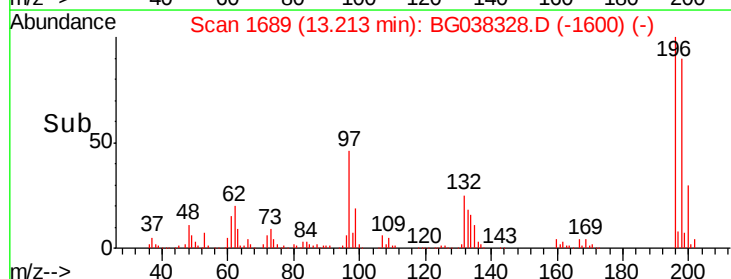
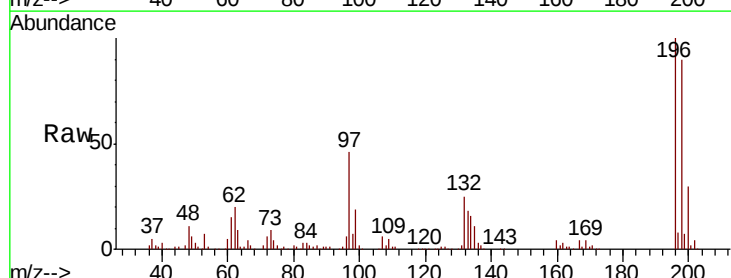
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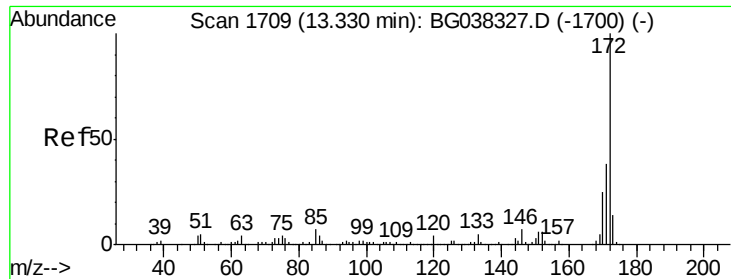
mohammad  
 12/6/2018 10:32:50 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 54.391 ng  
 RT: 13.21 min Scan# 1689  
 Delta R.T. -0.00 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 128213 |       |       |
| 198     | 90.2  | 74.2   | 111.2 |       |
| 97      | 46.5  | 34.1   | 51.1  |       |
| 132     | 24.9  | 20.2   | 30.4  |       |





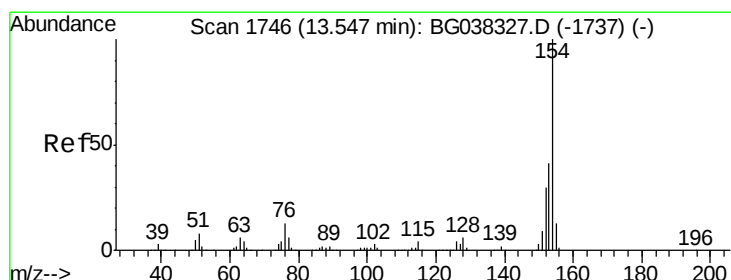
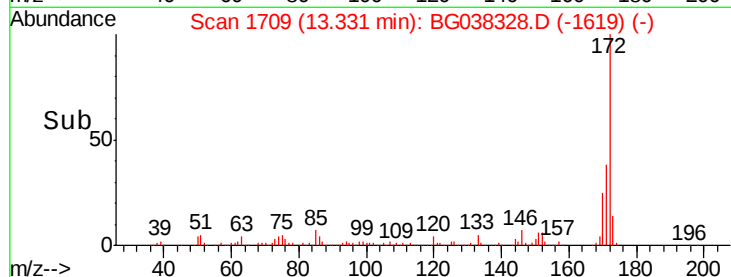
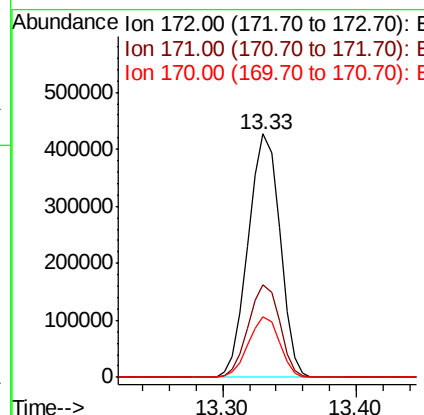
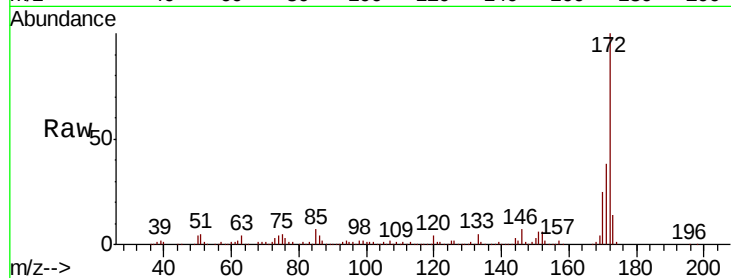
#45  
2-Fluorobiphenyl  
Concen: 103.872 ng  
RT: 13.33 min Scan# 1709  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.8  | 31.0  | 46.4  |
| 170     | 25.0  | 20.2  | 30.2  |

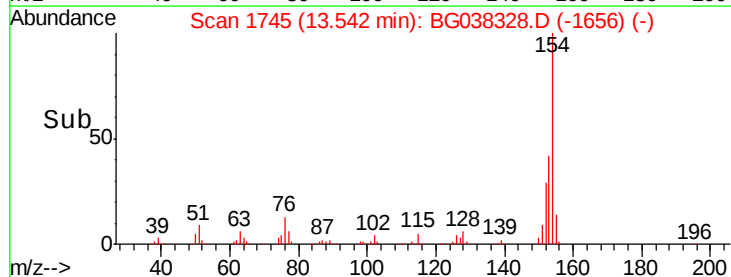
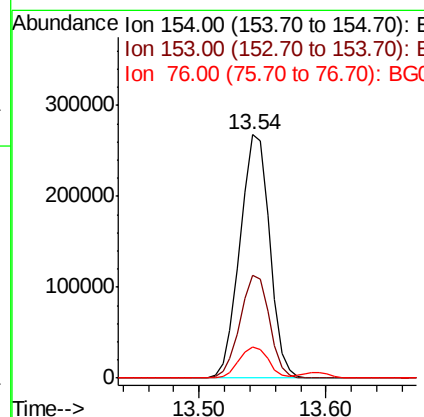
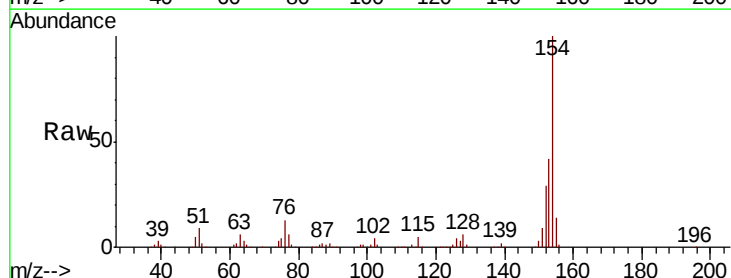
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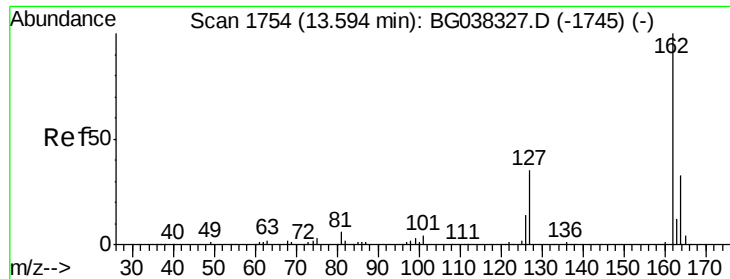
mohammad  
12/6/2018 10:32:50 AM



#46  
1,1'-Biphenyl  
Concen: 52.450 ng  
RT: 13.54 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.1  | 22.1  | 62.1  |
| 76      | 13.0  | 0.0   | 33.2  |





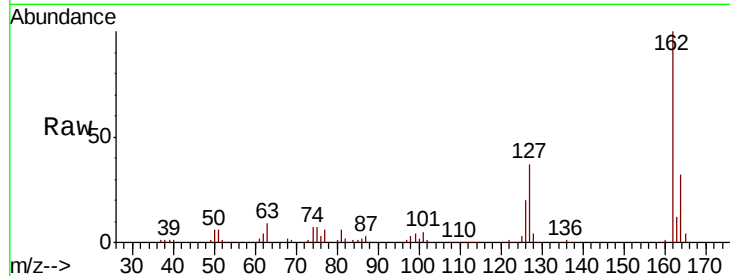
#47  
 2-Chloronaphthalene  
 Concen: 51.268 ng  
 RT: 13.59 min Scan# 1754  
 Delta R.T. 0.00 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

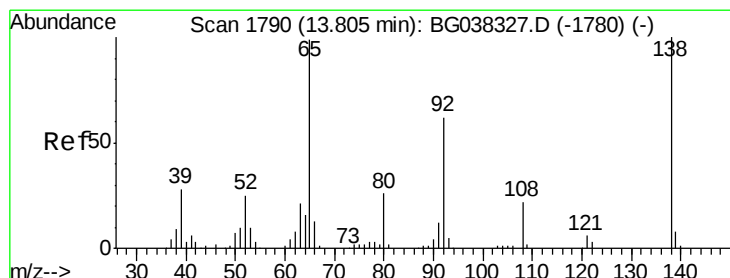
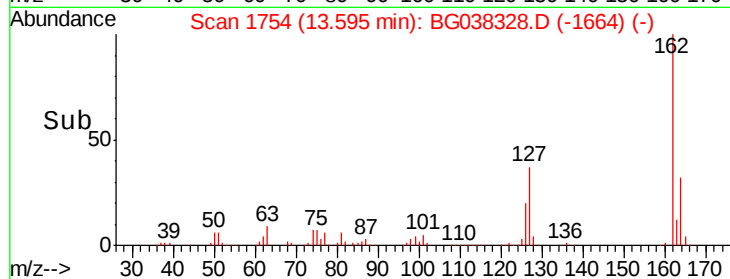
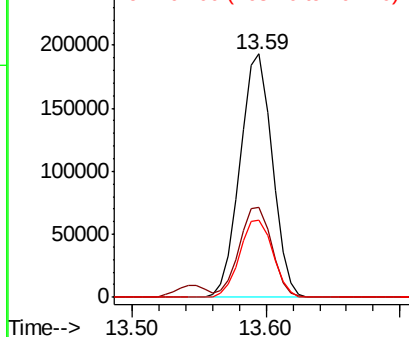
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.0  | 30.5  | 45.7  |
| 164     | 31.6  | 26.4  | 39.6  |

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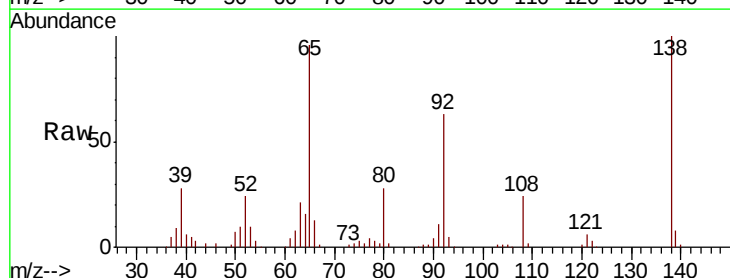


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

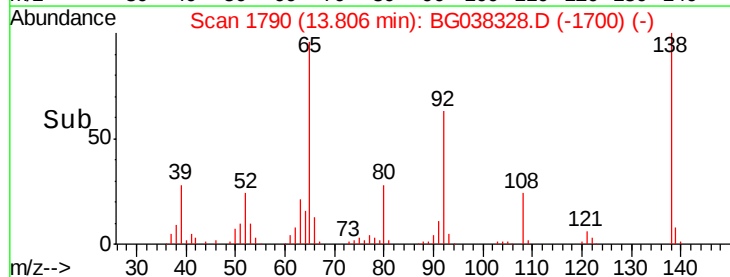
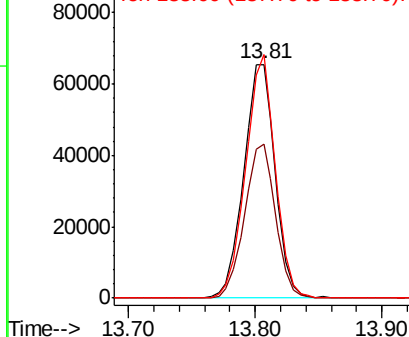


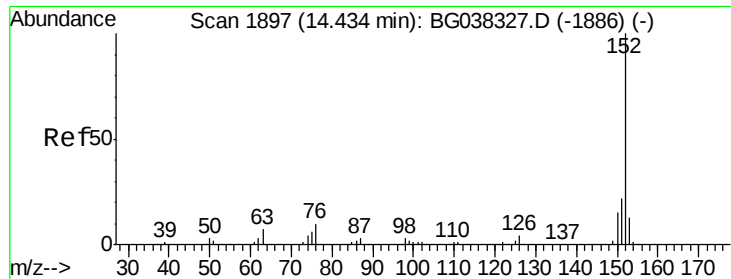
#48  
 2-Nitroaniline  
 Concen: 56.667 ng  
 RT: 13.81 min Scan# 1790  
 Delta R.T. 0.00 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.0  | 53.2  | 79.8  |
| 138     | 104.1 | 79.3  | 118.9 |



Abundance Ion 65.00 (64.70 to 65.70): BGC  
 Ion 92.00 (91.70 to 92.70): BGC  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.707 ng

RT: 14.44 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA\_G

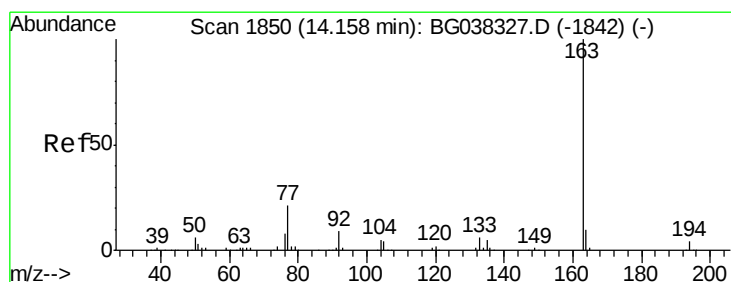
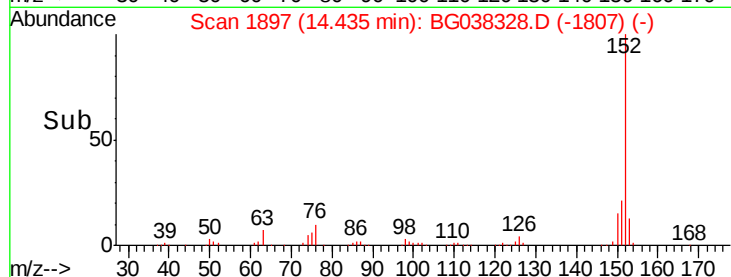
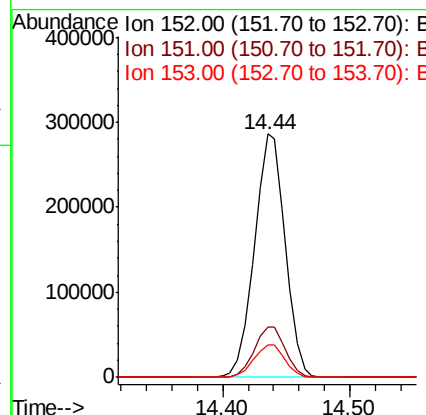
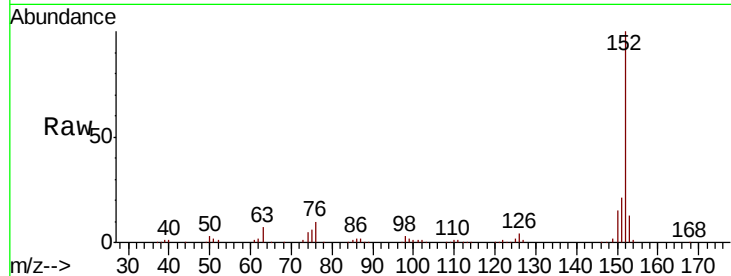
ClientSampleId :

SSTDICC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 152  | Resp: | 480956 |
| Ion Ratio |      | Lower | Upper  |
| 152       | 100  |       |        |
| 151       | 20.8 | 17.1  | 25.7   |
| 153       | 13.5 | 11.1  | 16.7   |

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#50

Dimethylphthalate

Concen: 51.941 ng

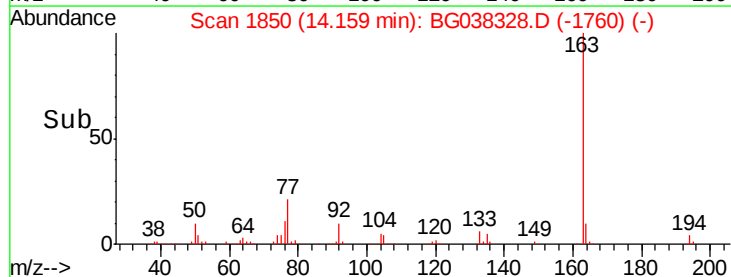
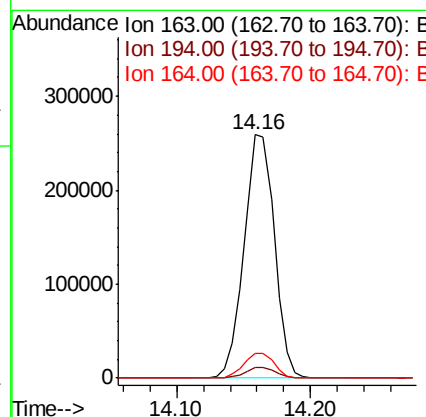
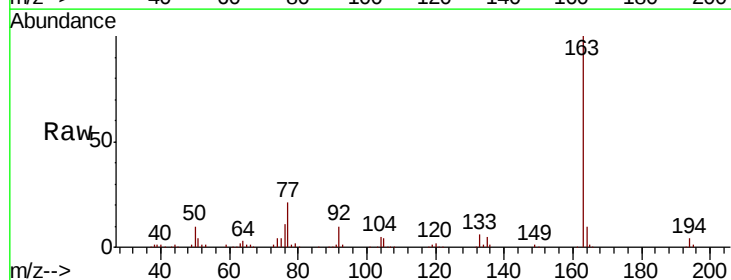
RT: 14.16 min Scan# 1850

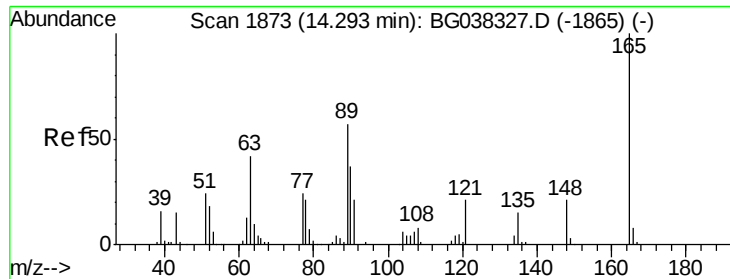
Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 163  | Resp: | 405136 |
| Ion Ratio |      | Lower | Upper  |
| 163       | 100  |       |        |
| 194       | 4.2  | 3.5   | 5.3    |
| 164       | 10.0 | 8.5   | 12.7   |





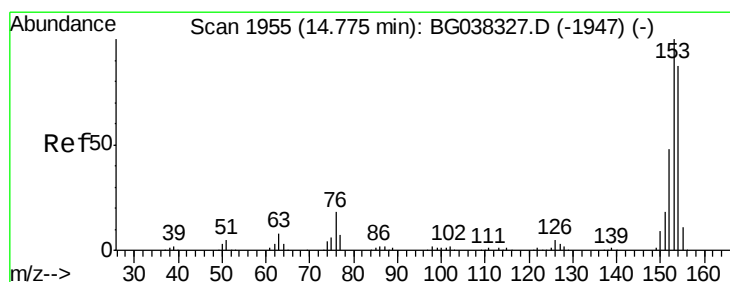
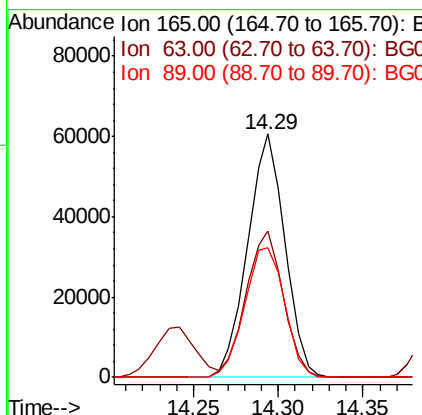
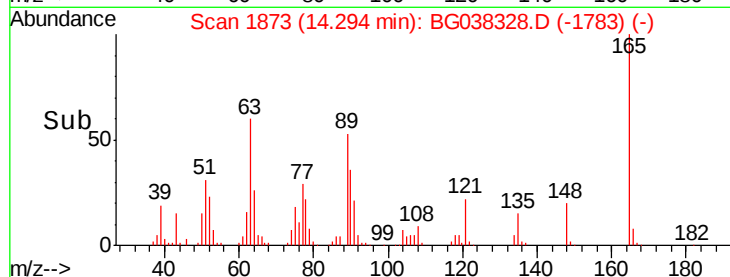
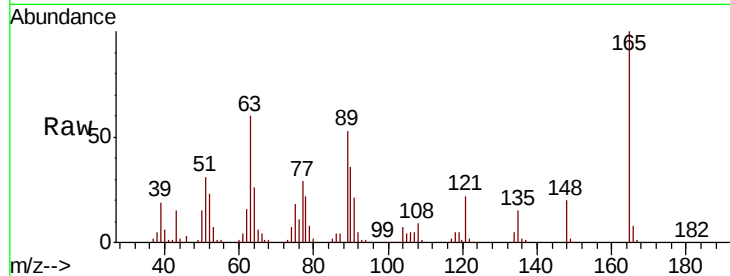
#51  
2,6-Dinitrotoluene  
Concen: 52.711 ng  
RT: 14.29 min Scan# 1873  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 93053 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 59.9  | 43.4  | 65.2  |
| 89        | 53.5  | 45.8  | 68.6  |

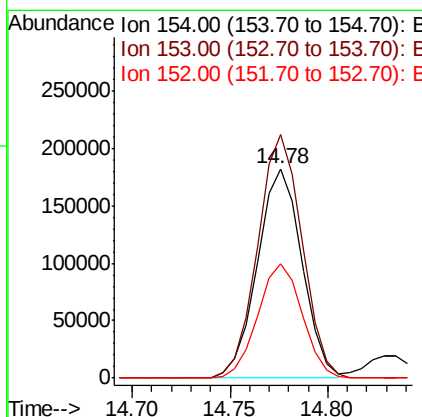
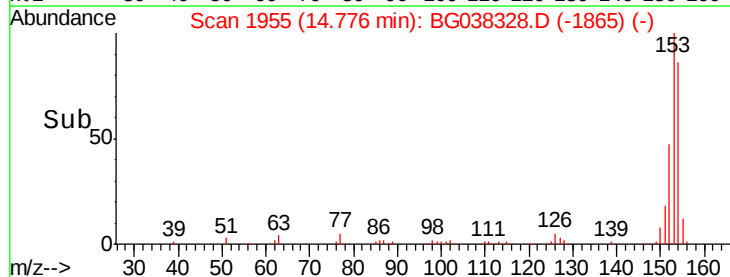
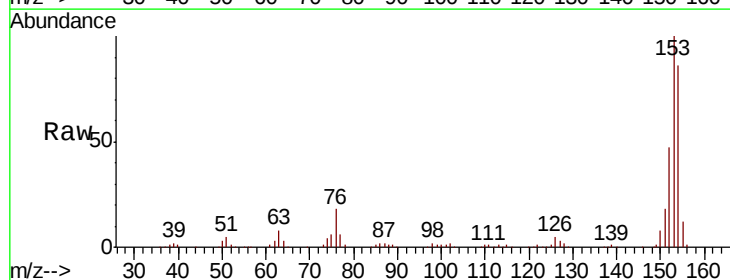
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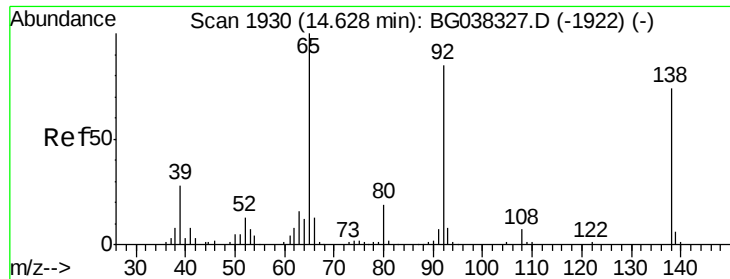
mohammad  
12/6/2018 10:32:50 AM



#52  
Acenaphthene  
Concen: 50.540 ng  
RT: 14.78 min Scan# 1955  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 288592 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 116.1 | 93.4  | 140.0  |
| 152       | 54.8  | 44.7  | 67.1   |





#53

3-Nitroaniline

Concen: 52.748 ng

RT: 14.63 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA\_G

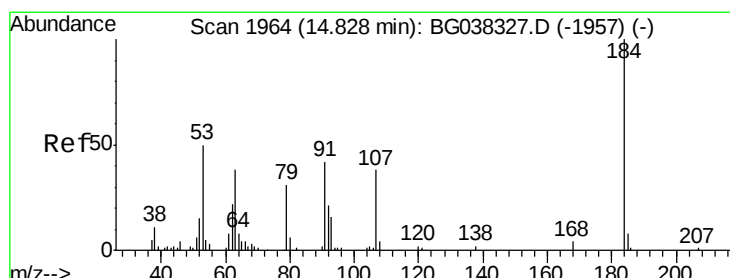
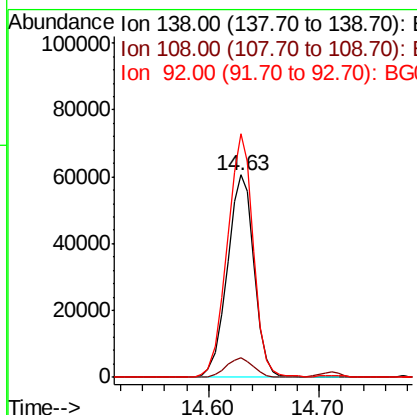
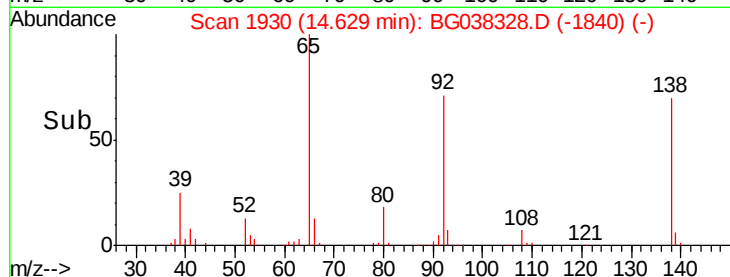
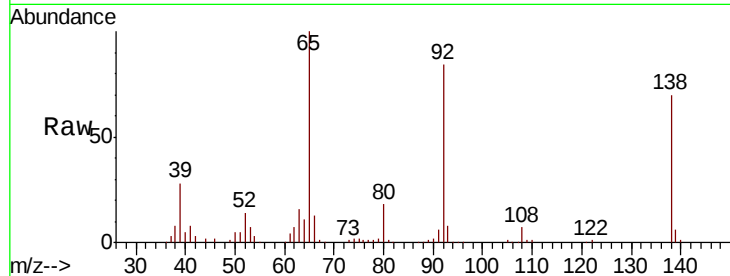
ClientSampleId :

SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.9   | 11.0  | 16.6# |
| 92      | 120.2 | 95.2  | 142.8 |

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#54

2,4-Dinitrophenol

Concen: 71.602 ng

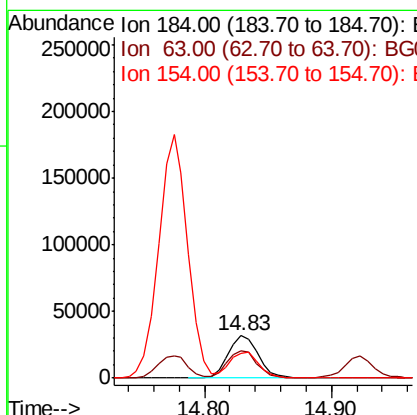
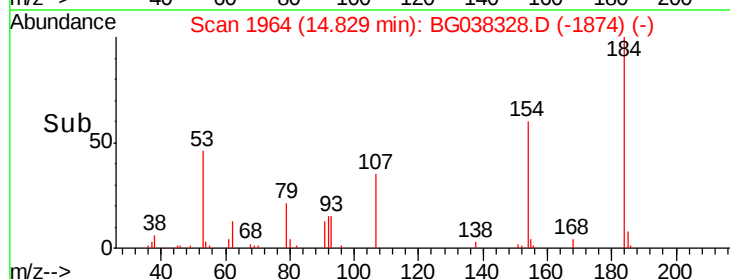
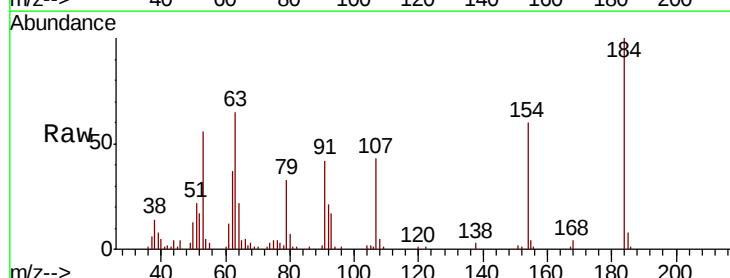
RT: 14.83 min Scan# 1964

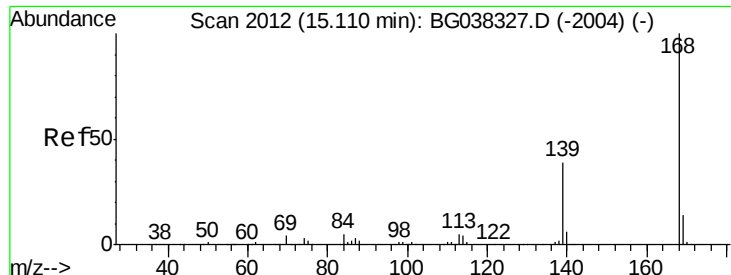
Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 65.5  | 42.6  | 63.8# |
| 154     | 59.8  | 41.8  | 62.6  |





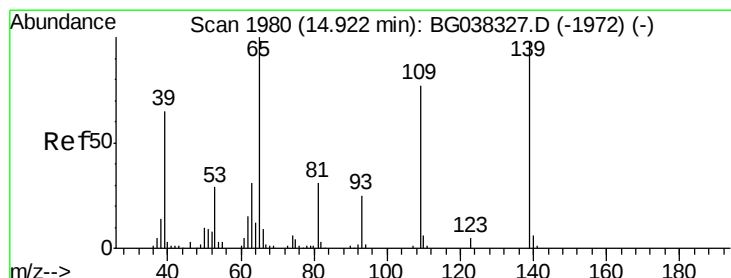
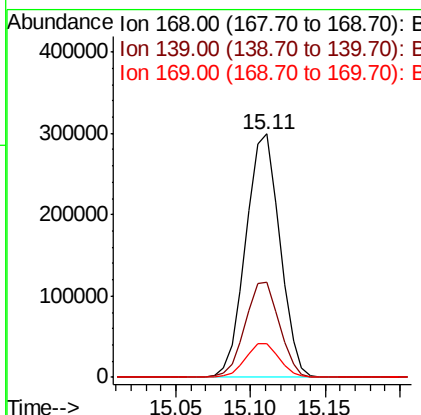
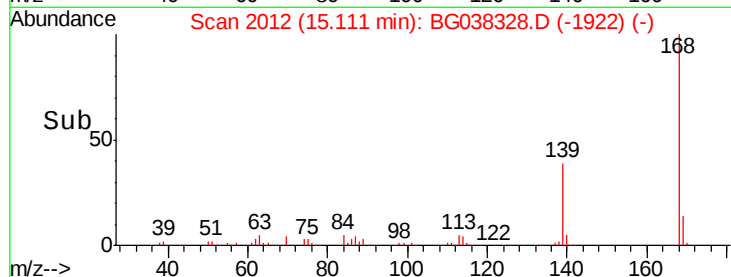
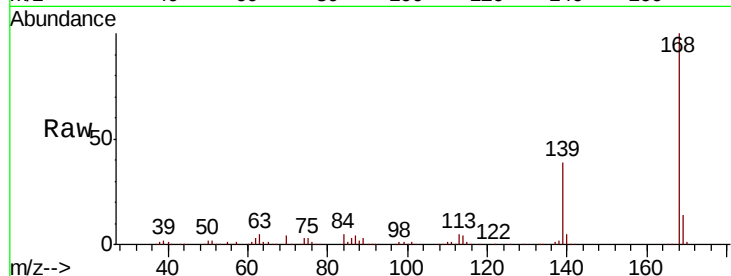
#55  
Dibenzenofuran  
Concen: 50.013 ng  
RT: 15.11 min Scan# 2012  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 472223 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 39.3  | 29.4  | 44.0   |
| 169       | 13.8  | 11.0  | 16.6   |

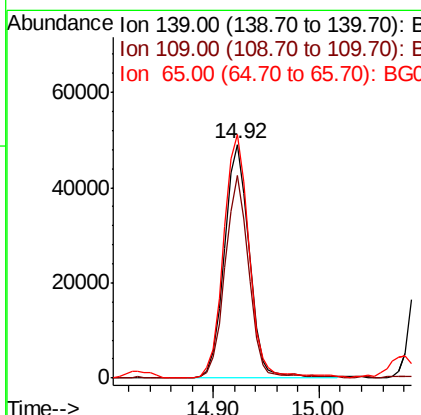
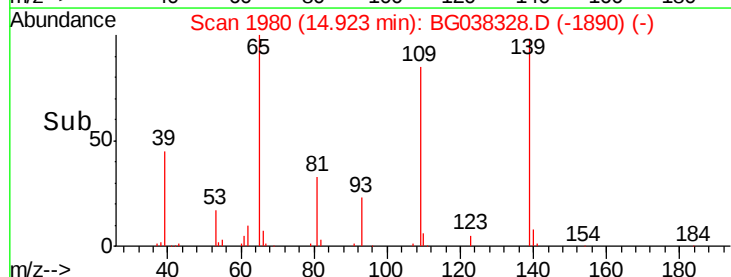
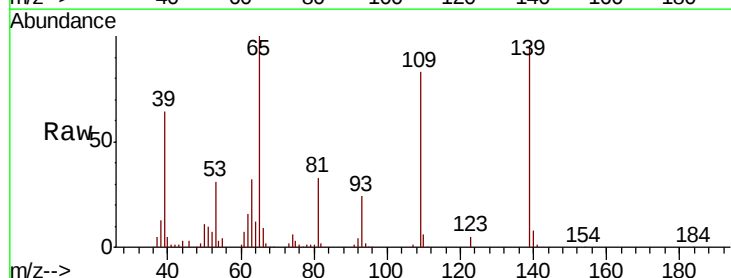
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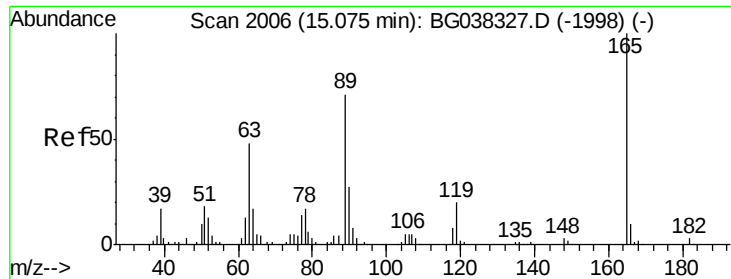
mohammad  
12/6/2018 10:32:50 AM



#56  
4-Nitrophenol  
Concen: 53.190 ng  
RT: 14.92 min Scan# 1980  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 79912 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 86.4  | 49.5  | 89.5  |
| 65        | 104.1 | 76.8  | 116.8 |





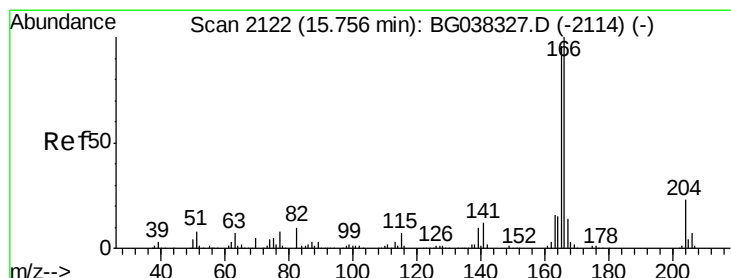
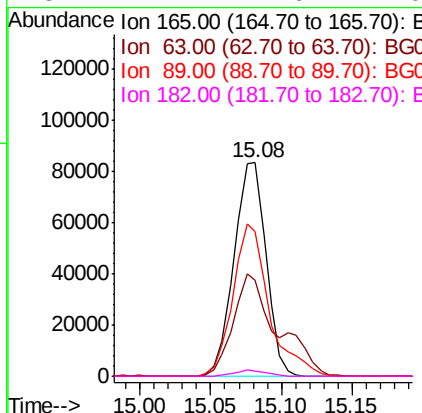
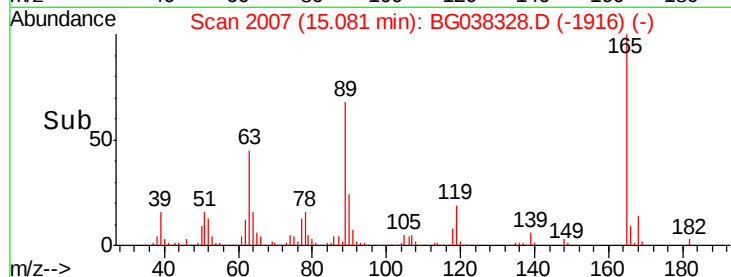
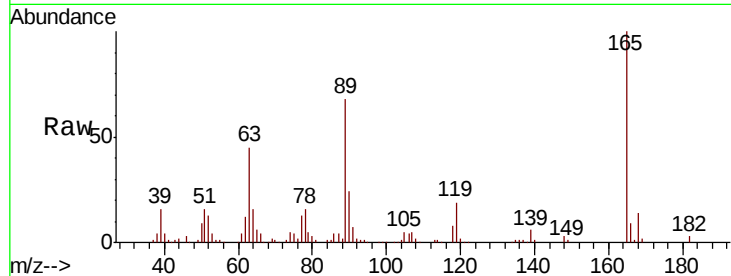
#57  
2,4-Dinitrotoluene  
Concen: 55.123 ng  
RT: 15.08 min Scan# 2007  
Delta R.T. 0.01 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 132400 |       |       |
| 63      | 45.0 |       | 33.4   | 50.0  |       |
| 89      | 67.7 |       | 57.2   | 85.8  |       |
| 182     | 2.7  |       | 2.6    | 4.0   |       |

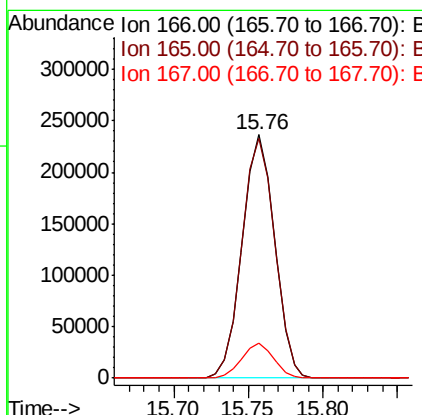
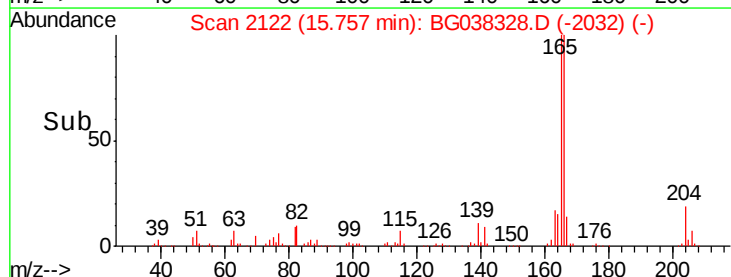
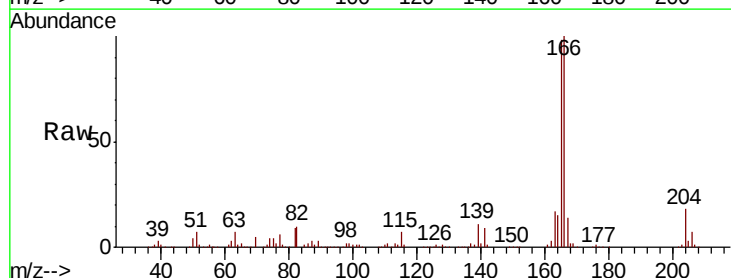
Manual Integrations  
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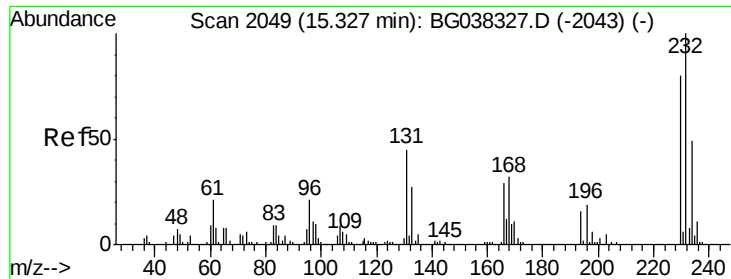
mohammad  
12/6/2018 10:32:50 AM



#58  
Fluorene  
Concen: 50.733 ng  
RT: 15.76 min Scan# 2122  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 357405 |       |       |
| 165     | 98.4 |       | 79.0   | 118.6 |       |
| 167     | 14.2 |       | 11.3   | 16.9  |       |





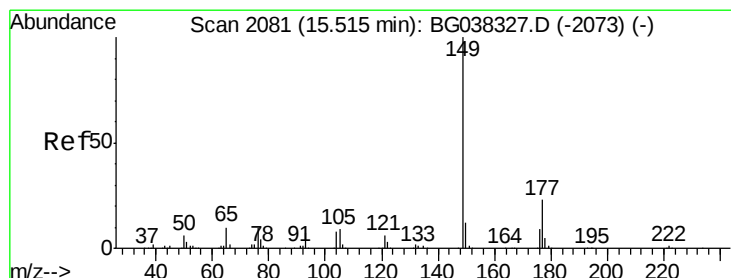
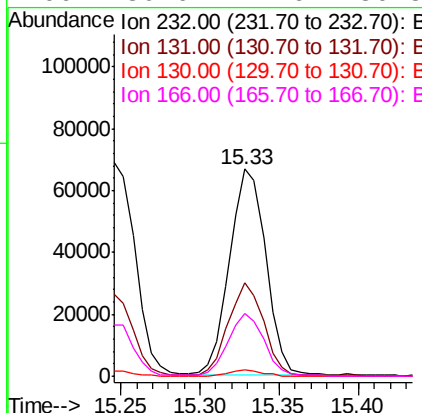
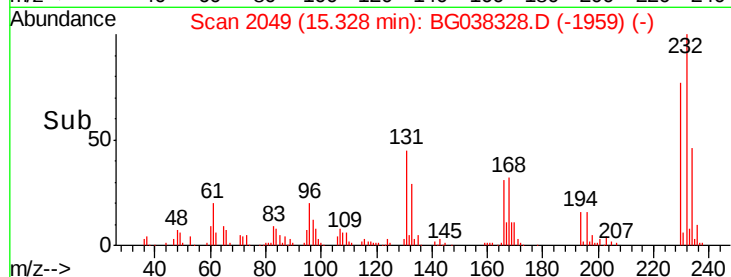
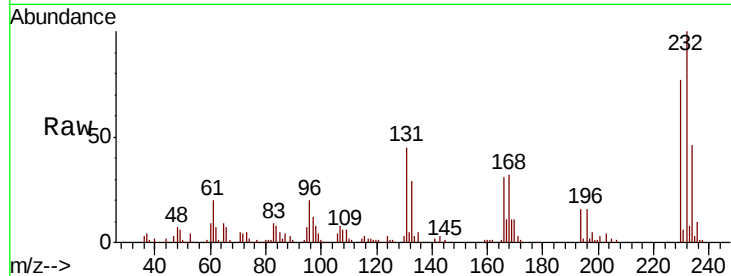
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.637 ng  
RT: 15.33 min Scan# 2049  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 43.9  | 33.7  | 50.5  |
| 130     | 2.9   | 2.1   | 3.1   |
| 166     | 30.6  | 24.6  | 36.8  |

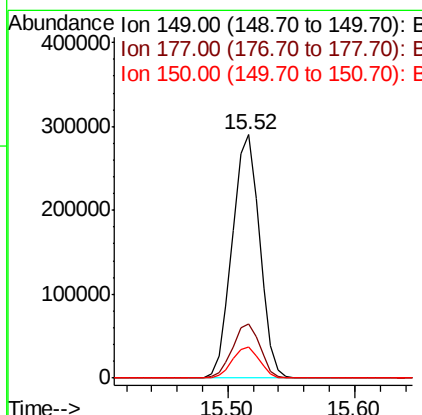
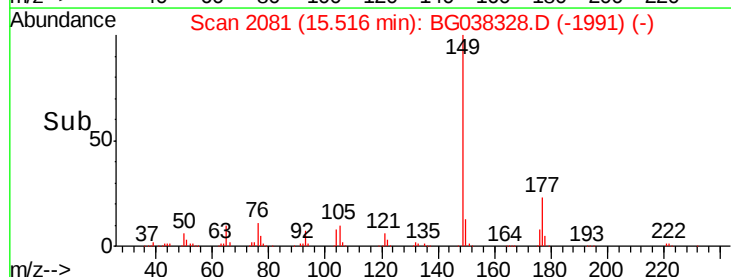
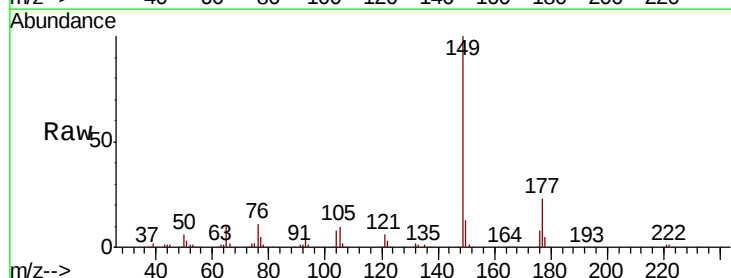
Manual Integrations  
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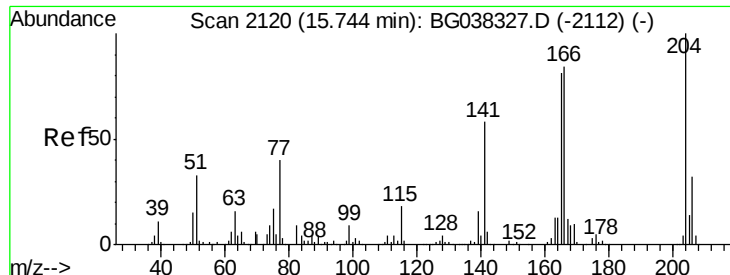
mohammad  
12/6/2018 10:32:50 AM



#60  
Diethylphthalate  
Concen: 52.249 ng  
RT: 15.52 min Scan# 2081  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.5  | 18.3  | 27.5  |
| 150     | 12.7  | 10.0  | 15.0  |





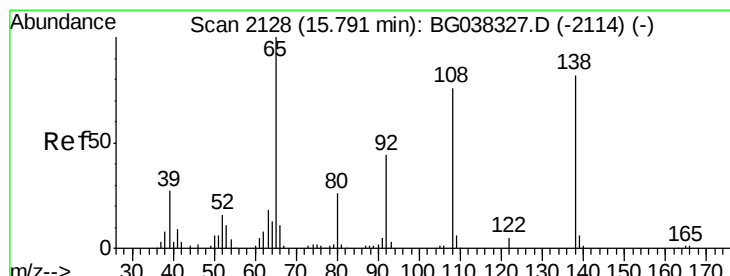
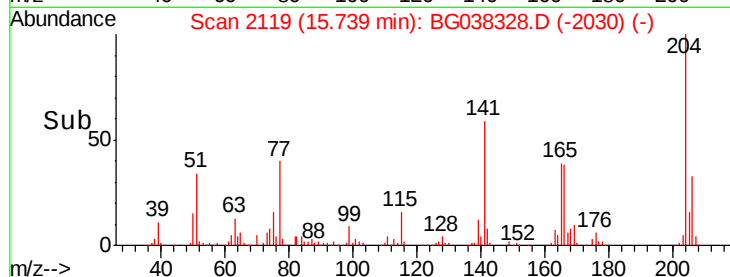
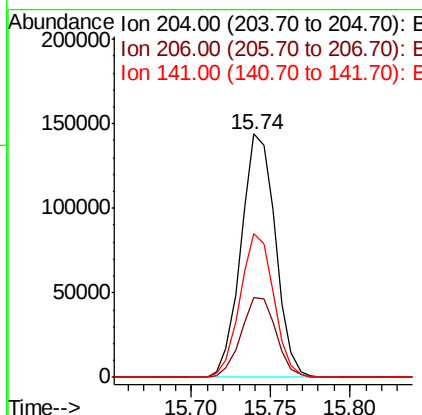
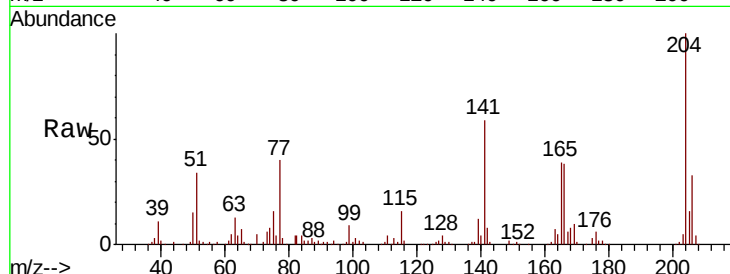
#61  
4-Chlorophenyl-phenylether  
Concen: 52.391 ng  
RT: 15.74 min Scan# 2119  
Delta R.T. -0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.8  | 26.6  | 39.8  |
| 141     | 59.0  | 45.4  | 68.2  |

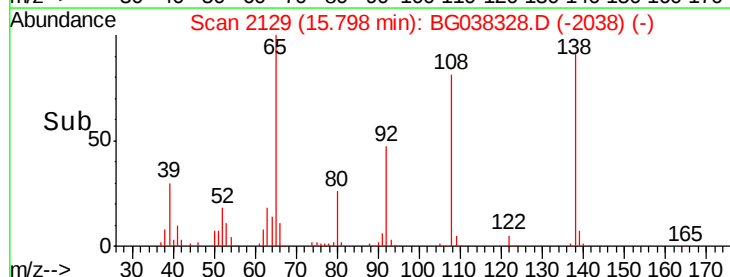
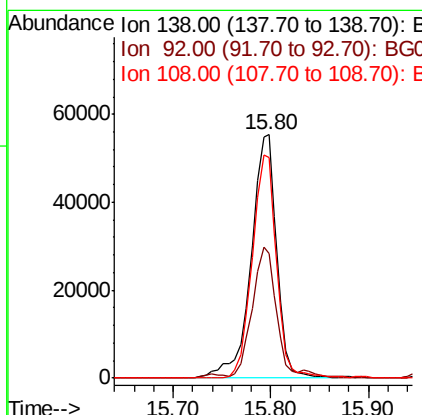
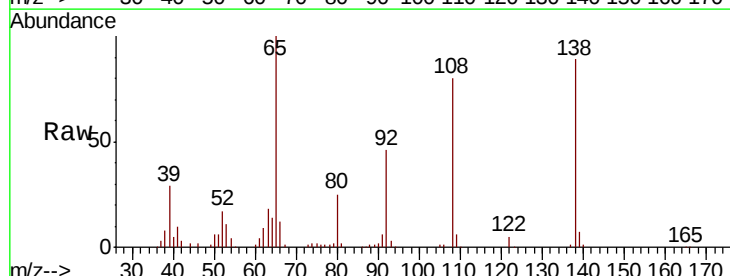
Manual Integrations  
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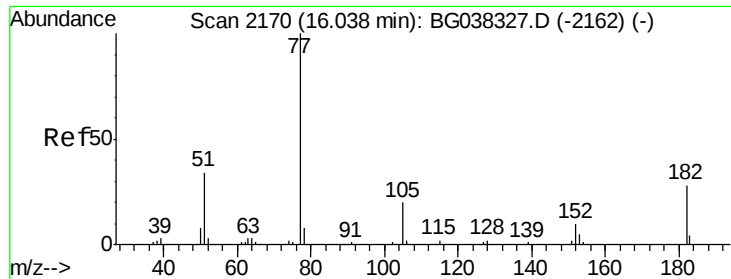
mohammad  
12/6/2018 10:32:50 AM



#62  
4-Nitroaniline  
Concen: 52.973 ng  
RT: 15.80 min Scan# 2129  
Delta R.T. 0.01 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.4  | 36.4  | 76.4  |
| 108     | 90.8  | 60.1  | 100.1 |





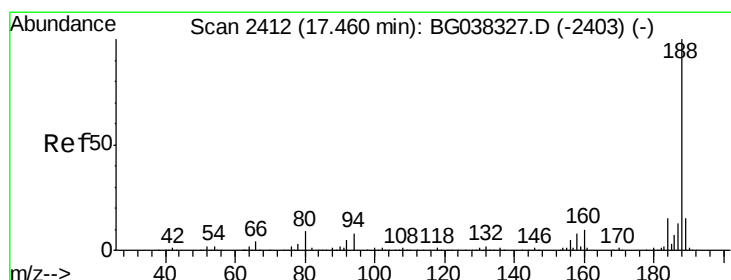
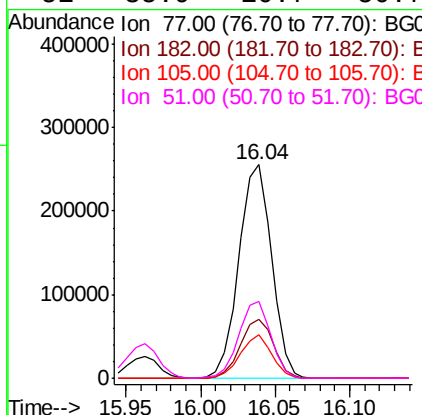
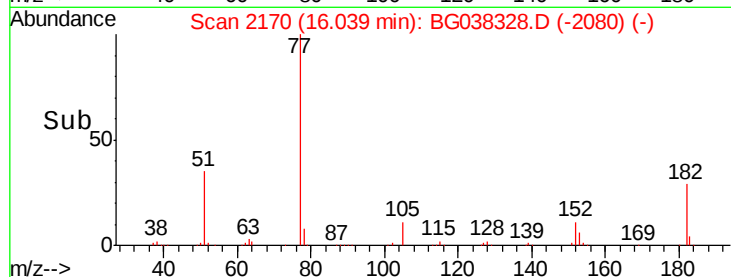
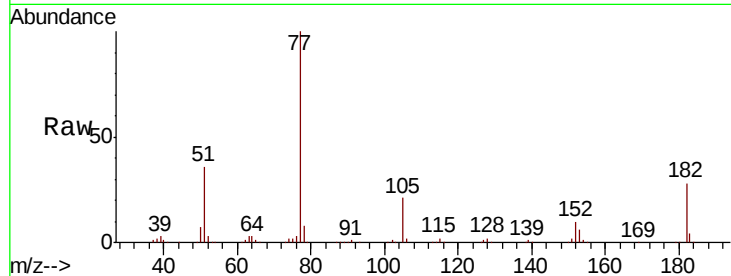
#63  
Azobenzene  
Concen: 52.679 ng  
RT: 16.04 min Scan# 2170  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion   | 77    | Resp  | 390219 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 27.5  | 8.0   | 48.0   |
| 105       | 20.6  | 1.3   | 41.3   |
| 51        | 35.9  | 10.7  | 50.7   |

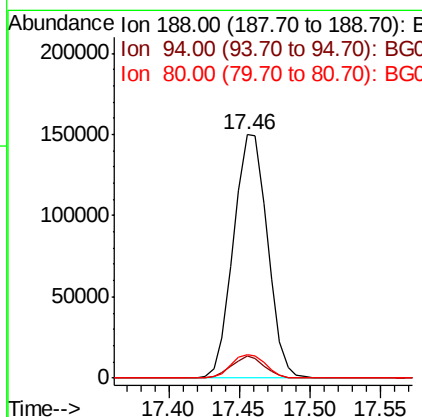
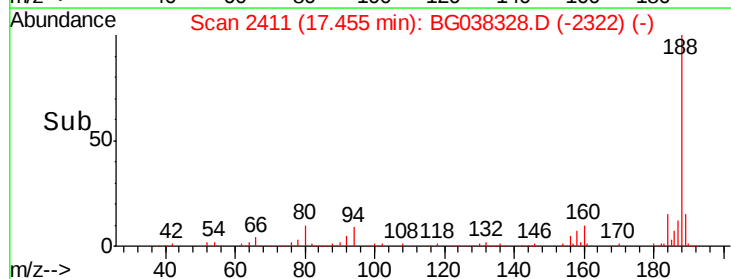
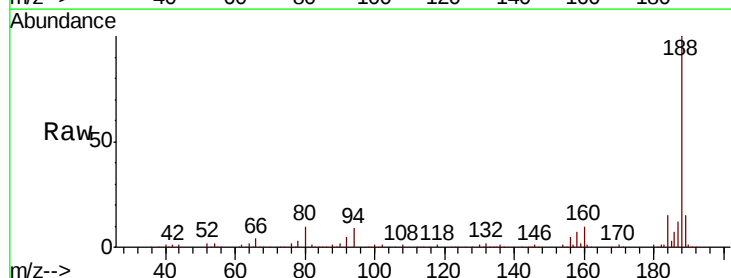
Manual Integrations  
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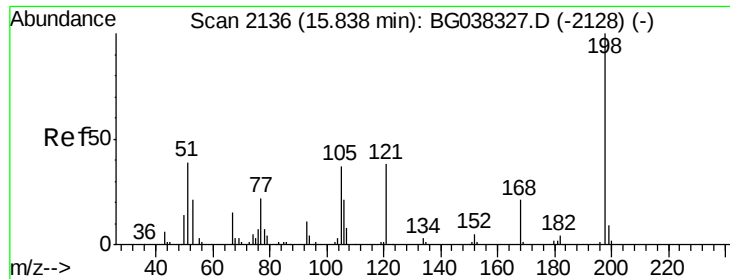
mohammad  
12/6/2018 10:32:50 AM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.46 min Scan# 2411  
Delta R.T. -0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion   | 188   | Resp  | 252672 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 8.9   | 7.2   | 10.8   |
| 80        | 9.8   | 7.7   | 11.5   |





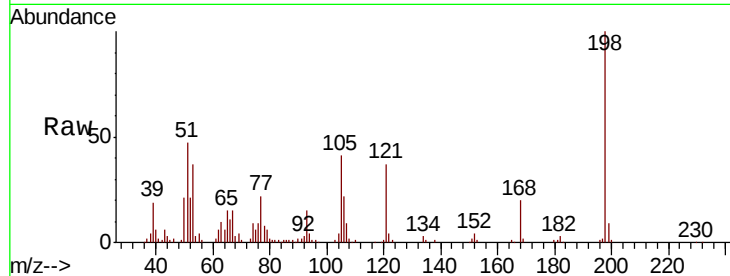
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 53.627 ng  
 RT: 15.84 min Scan# 2136  
 Delta R.T. 0.00 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

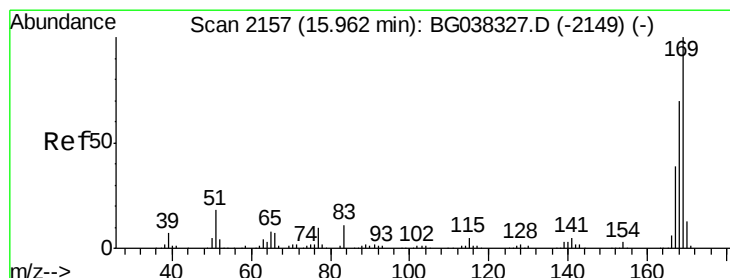
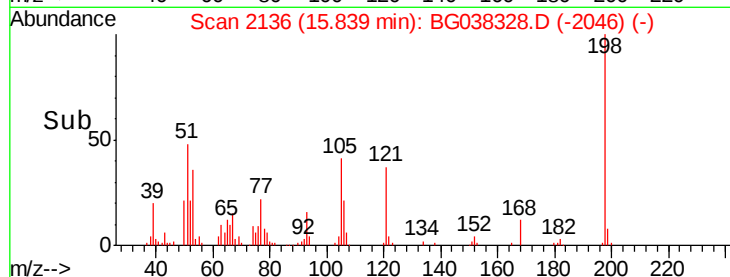
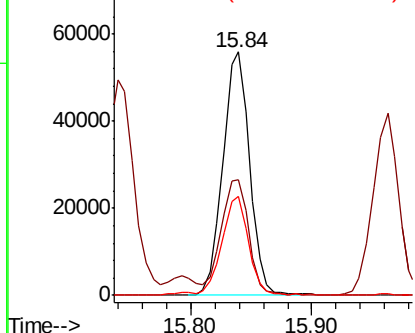
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 47.5  | 22.7  | 62.7  |
| 105     | 40.9  | 19.7  | 59.7  |

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 12/6/2018 10:32:50 AM

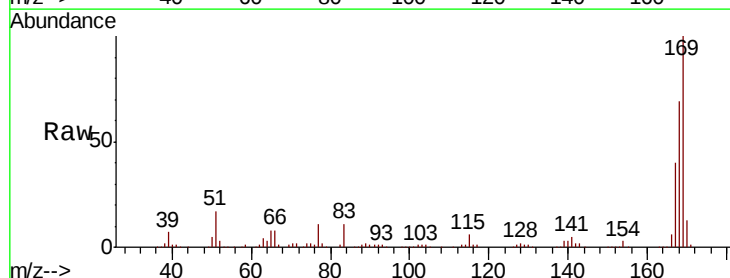


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

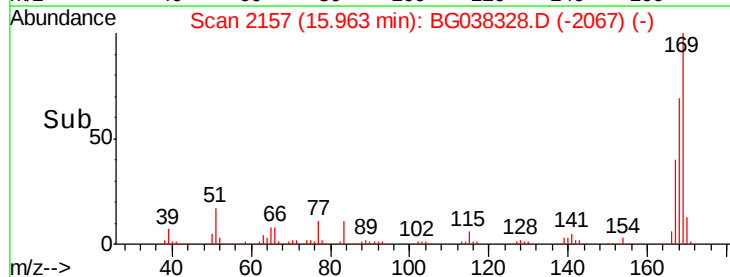
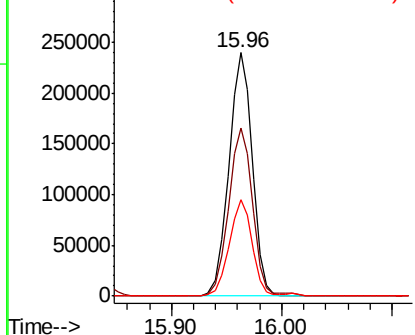


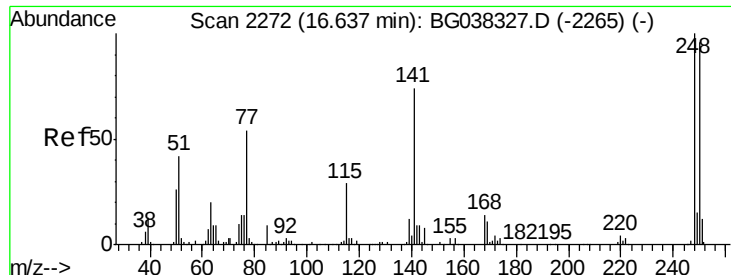
#66  
 n-Nitrosodiphenylamine  
 Concen: 46.409 ng  
 RT: 15.96 min Scan# 2157  
 Delta R.T. 0.00 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.2  | 55.7  | 83.5  |
| 167     | 39.6  | 31.3  | 46.9  |



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 49.783 ng

RT: 16.64 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA\_G

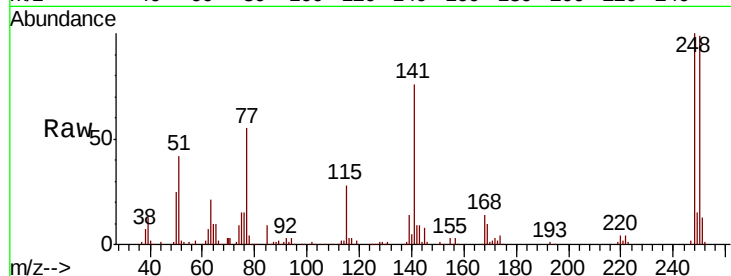
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 138062 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 99.1  | 77.0  | 115.6  |
| 141       | 75.6  | 55.5  | 83.3   |

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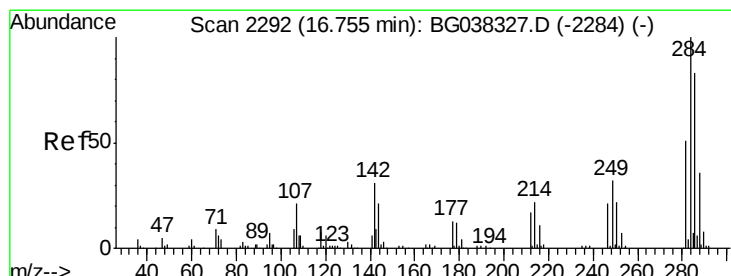
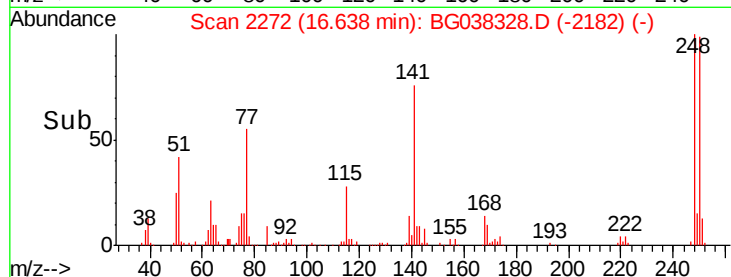
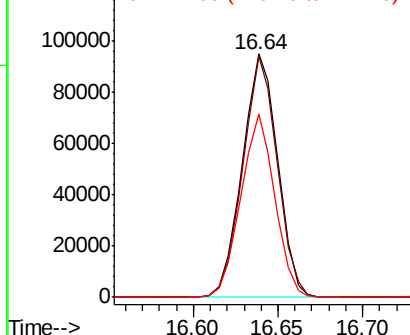


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 48.893 ng

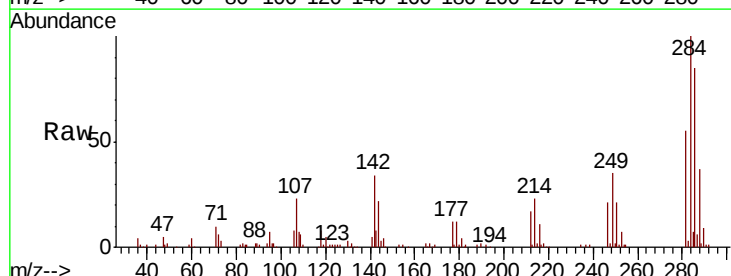
RT: 16.76 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 139961 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 33.7  | 28.1  | 42.1   |
| 249       | 36.5  | 29.8  | 44.8   |

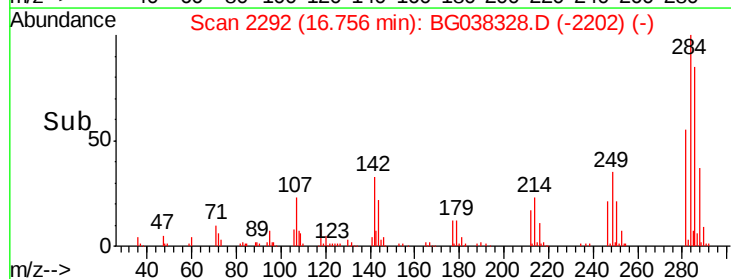
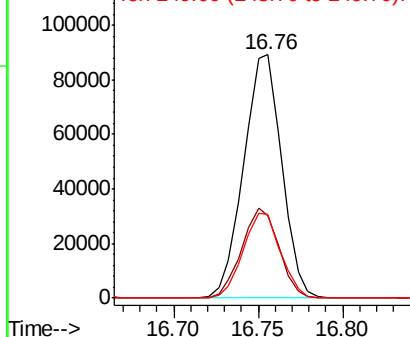


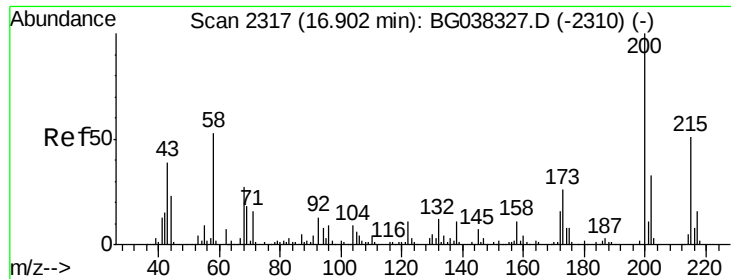
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





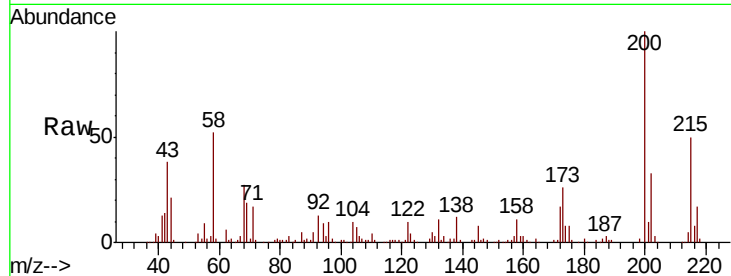
#69  
Atrazine  
Concen: 47.057 ng  
RT: 16.90 min Scan# 2317  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 132599 |       |       |
| 173     | 25.7  | 6.1    | 46.1  |       |
| 215     | 49.6  | 30.8   | 70.8  |       |

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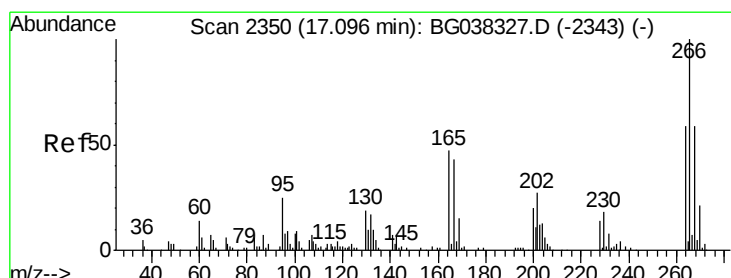
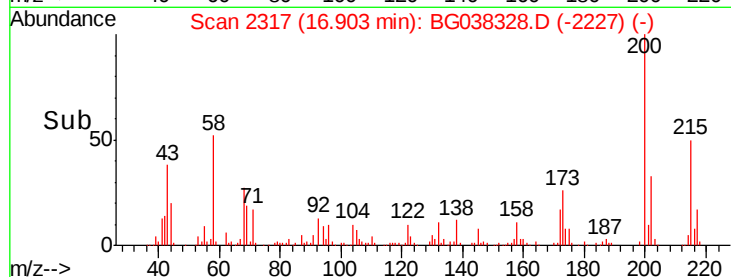
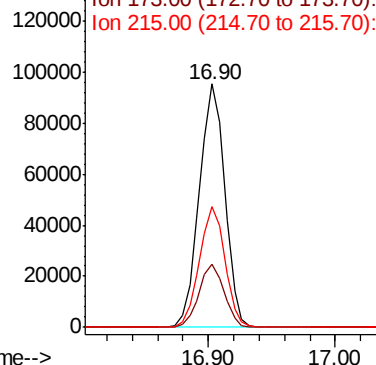


Abundance

Ion 200.00 (199.70 to 200.70): E

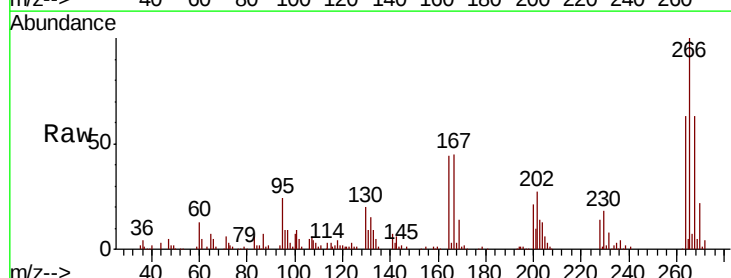
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 52.665 ng  
RT: 17.10 min Scan# 2351  
Delta R.T. 0.01 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 102390 |       |       |
| 268     | 67.7  | 55.0   | 82.6  |       |
| 264     | 67.7  | 58.9   | 88.3  |       |

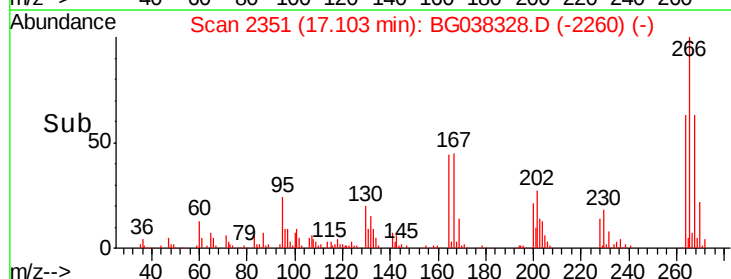
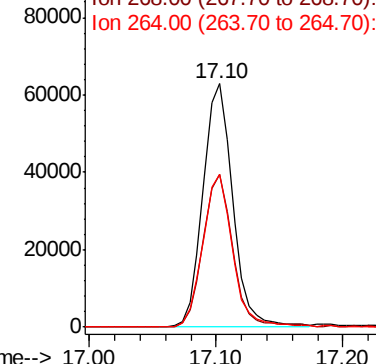


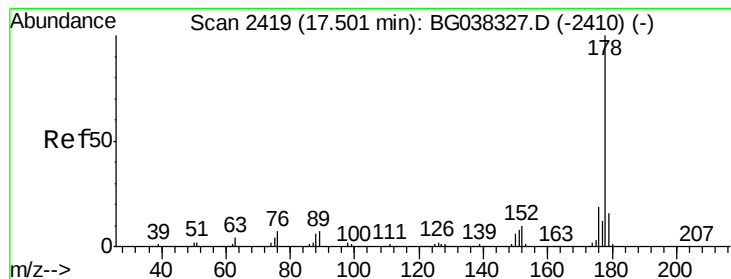
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.305 ng

RT: 17.50 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA\_G

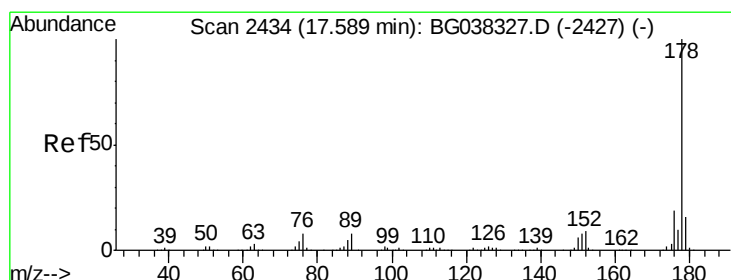
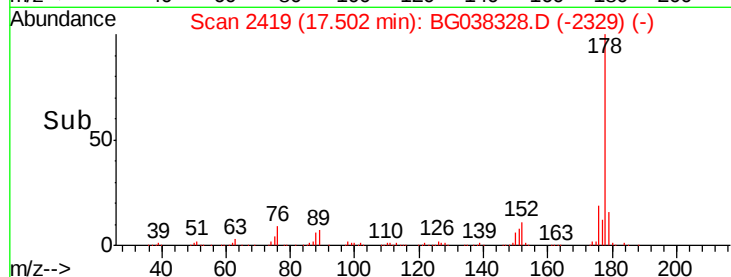
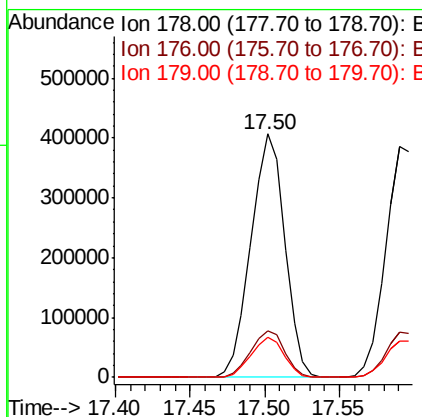
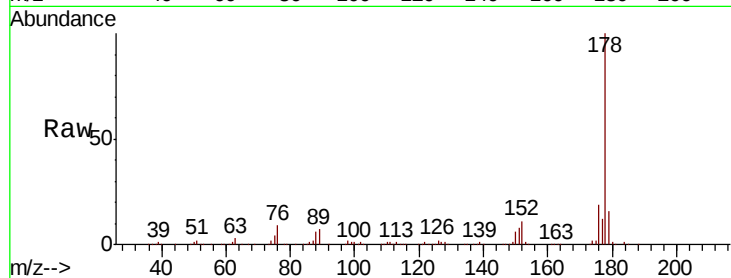
ClientSampleId :

SSTDICC050

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:178 | Resp: | 637826    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.2  | 16.1 24.1 |
| 179         | 16.5  | 13.0 19.4 |

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#72

Anthracene

Concen: 48.147 ng

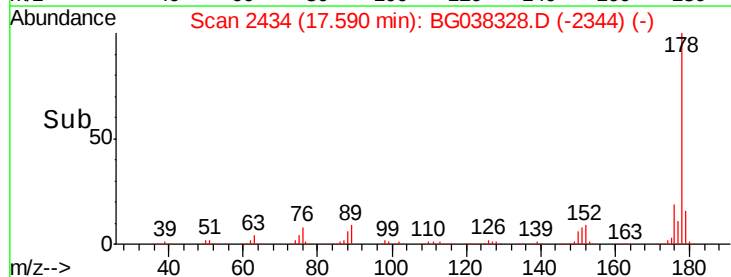
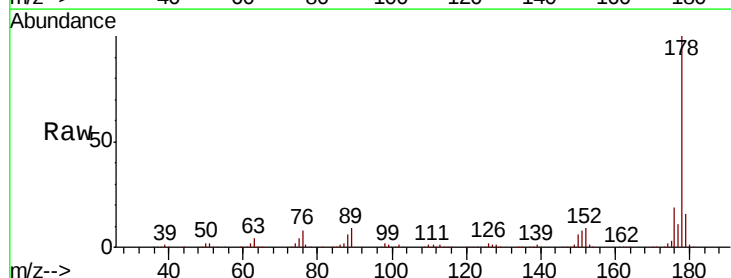
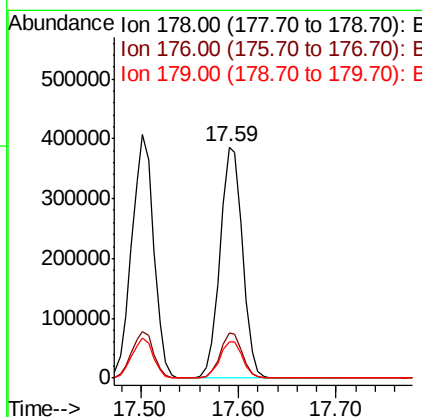
RT: 17.59 min Scan# 2434

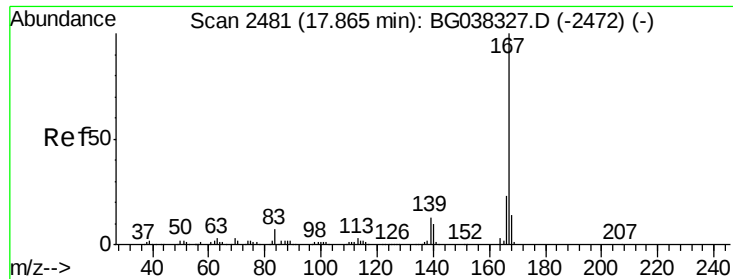
Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 613972    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.4  | 15.0 22.4 |
| 179         | 15.9  | 12.8 19.2 |





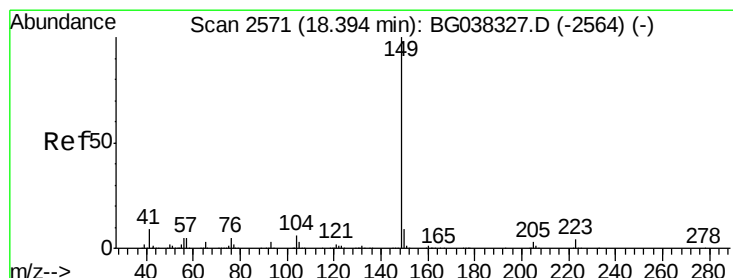
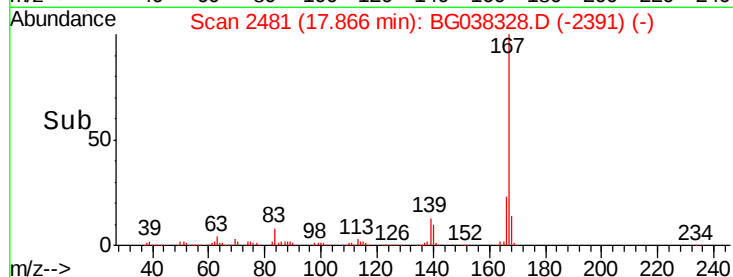
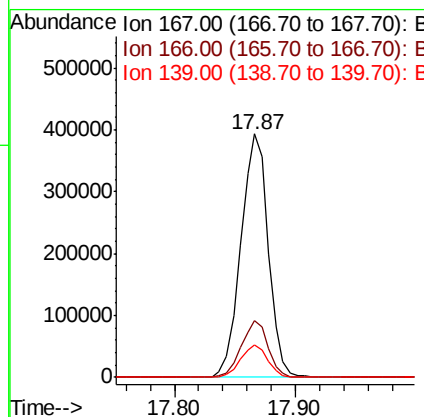
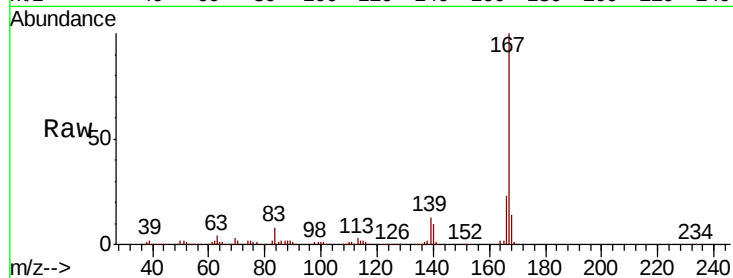
#73  
 Carbazole  
 Concen: 48.427 ng  
 RT: 17.87 min Scan# 2481  
 Delta R.T. 0.00 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 619569 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 23.1  | 18.3  | 27.5   |
| 139       | 13.3  | 10.5  | 15.7   |

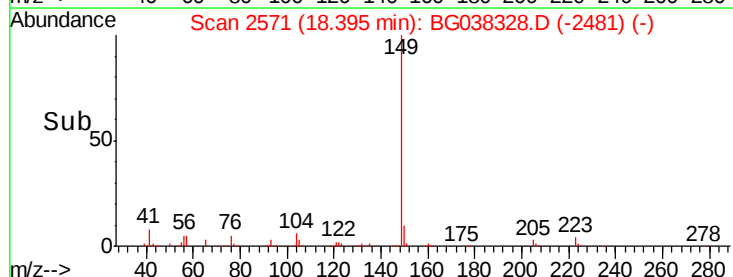
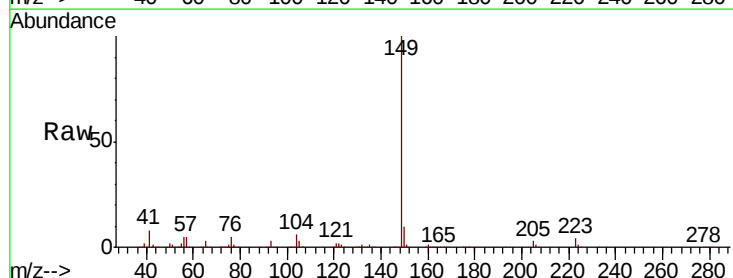
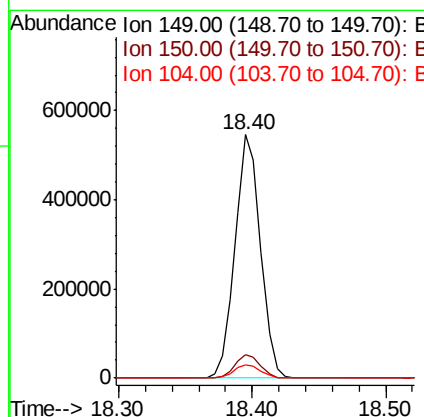
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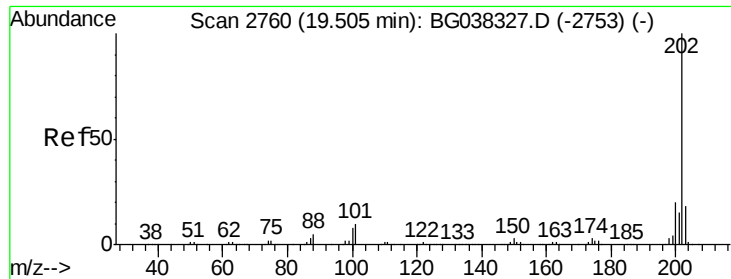
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#74  
 Di-n-butylphthalate  
 Concen: 50.423 ng  
 RT: 18.40 min Scan# 2571  
 Delta R.T. 0.00 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 724166 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.7   | 8.2   | 12.2   |
| 104       | 5.6   | 4.0   | 6.0    |





#75

Fluoranthene

Concen: 48.215 ng

RT: 19.51 min Scan# 2760

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA\_G

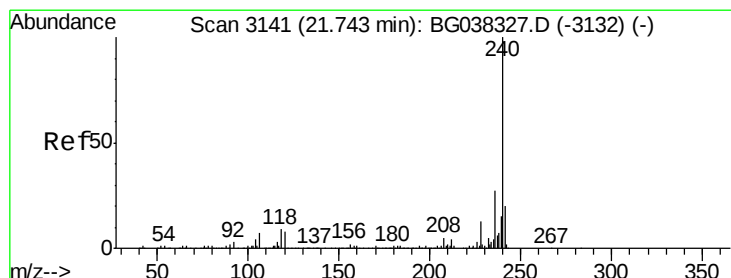
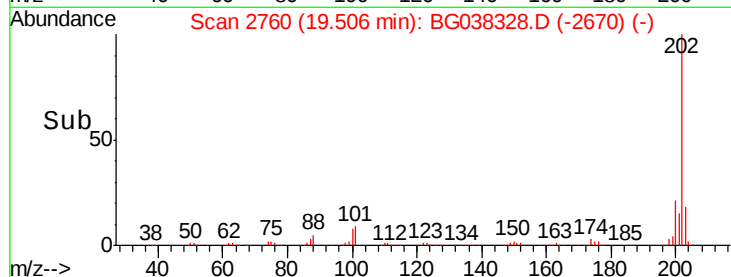
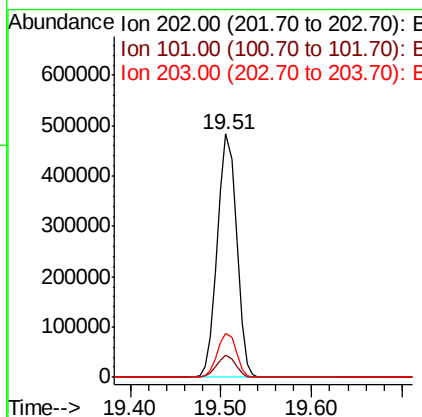
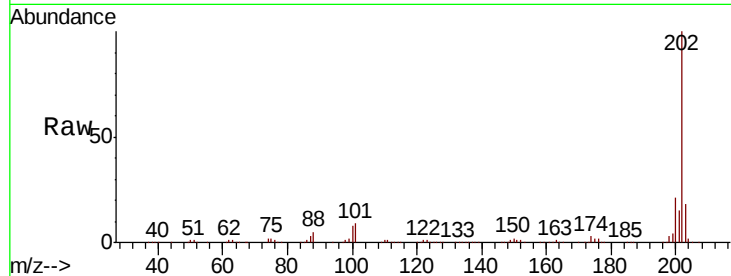
ClientSampleId :

SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 711628 |       |       |
| 101     | 9.3   |        | 0.0   | 30.7  |
| 203     | 17.9  |        | 0.0   | 38.5  |

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#76

Chrysene-d12

Concen: 20.000 ng

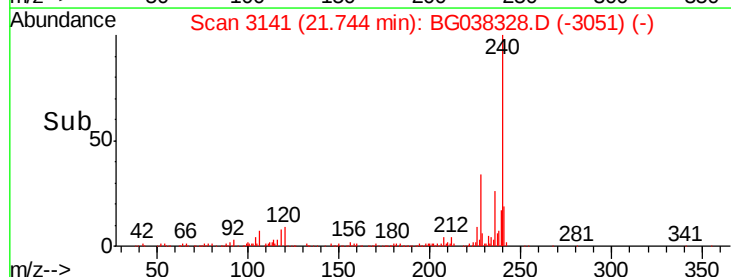
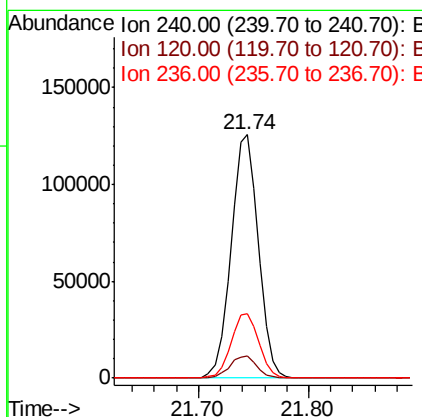
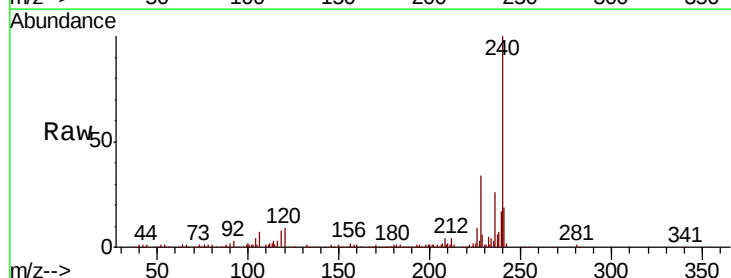
RT: 21.74 min Scan# 3141

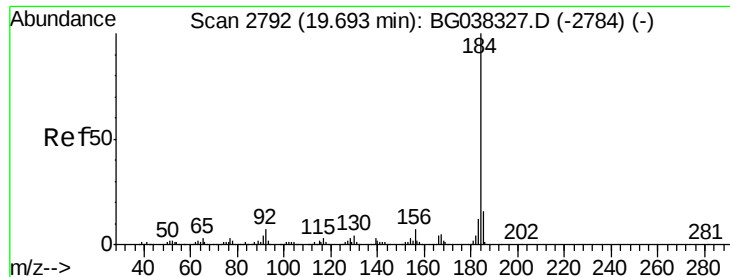
Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 216920 |       |       |
| 120     | 8.9   |        | 8.1   | 12.1  |
| 236     | 26.4  |        | 21.4  | 32.0  |





#77

Benzidine

Concen: 43.182 ng

RT: 19.69 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA\_G

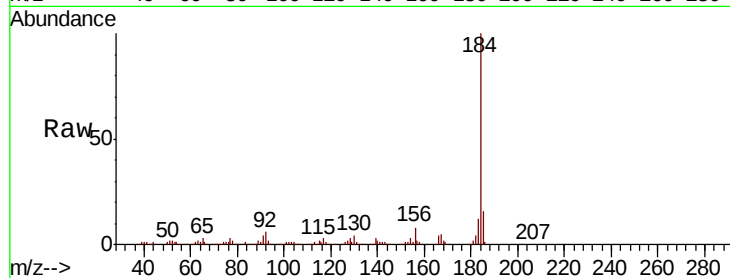
ClientSampleId :

SSTDIC050

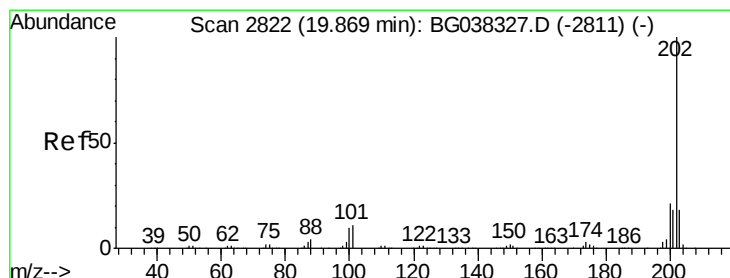
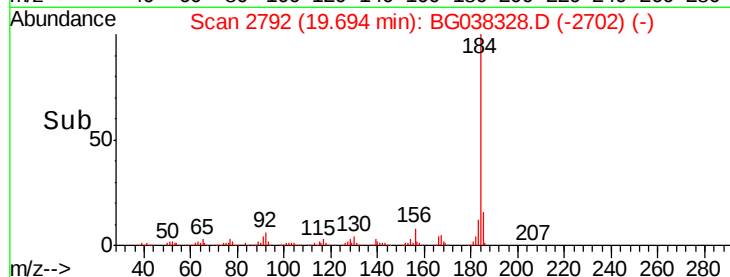
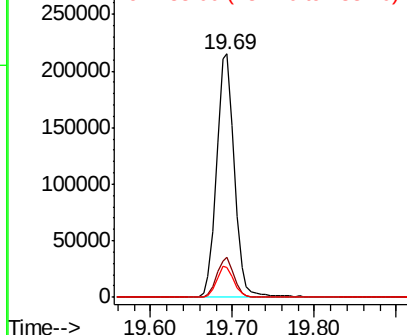
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 328684 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 16.5  | 12.6  | 18.8   |
| 183       | 12.2  | 10.2  | 15.2   |

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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.678 ng

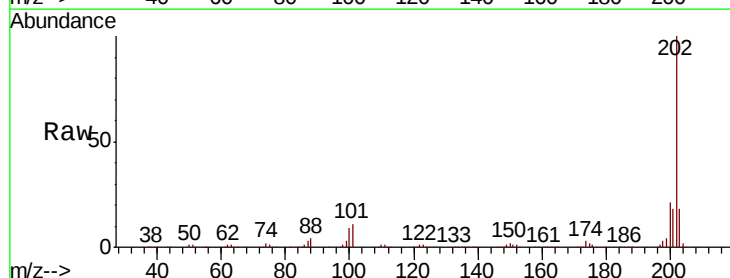
RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

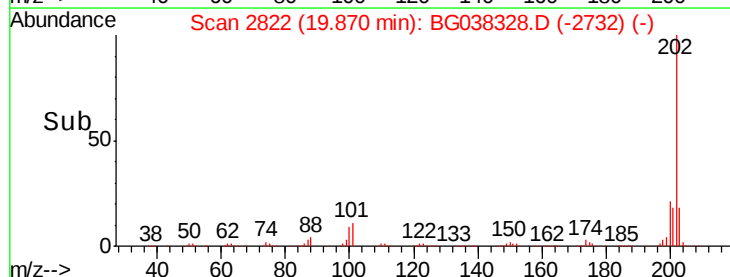
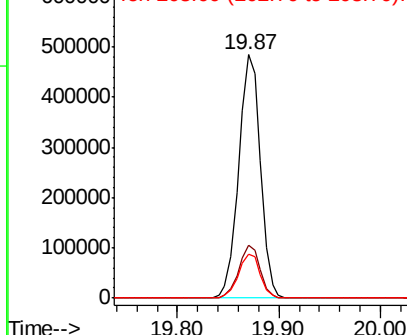
Lab File: BG038328.D

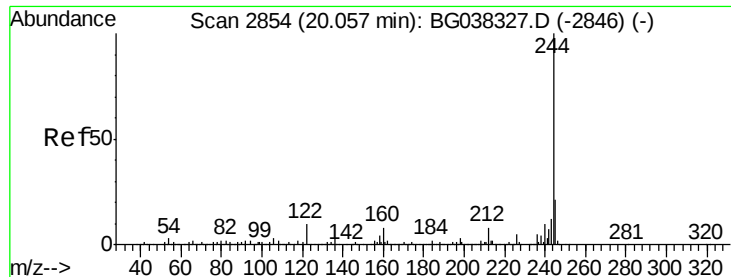
Acq: 4 Dec 2018 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 718735 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.5  | 17.8  | 26.6   |
| 203       | 17.8  | 15.2  | 22.8   |



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





#79

Terphenyl-d14

Concen: 104.834 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA\_G

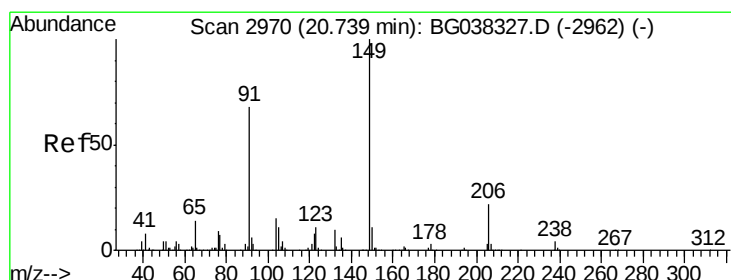
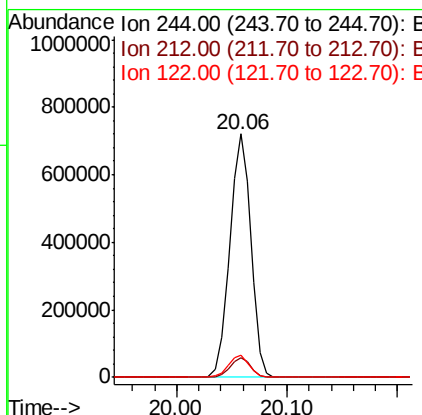
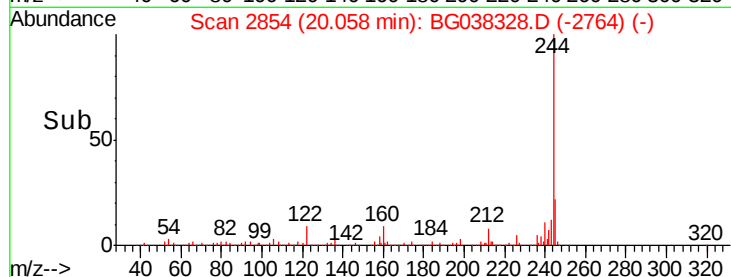
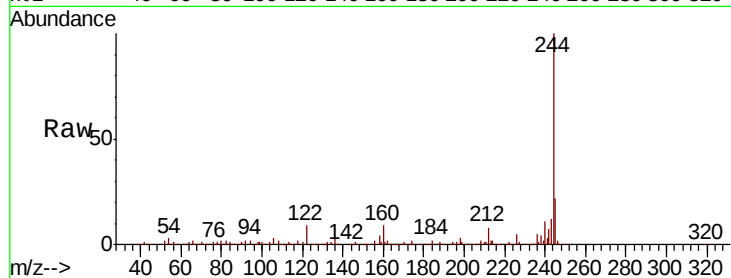
ClientSampleId :

SSTDICC050

|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 244 | Resp: | 966444 |
| Ion Ratio |     | Lower | Upper  |
| 244       | 100 |       |        |
| 212       | 8.3 | 6.5   | 9.7    |
| 122       | 9.4 | 9.0   | 13.4   |

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#80

Butylbenzylphthalate

Concen: 51.369 ng

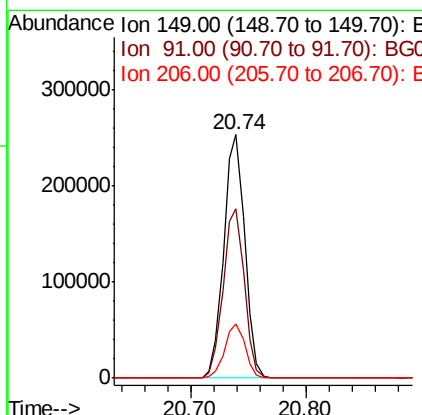
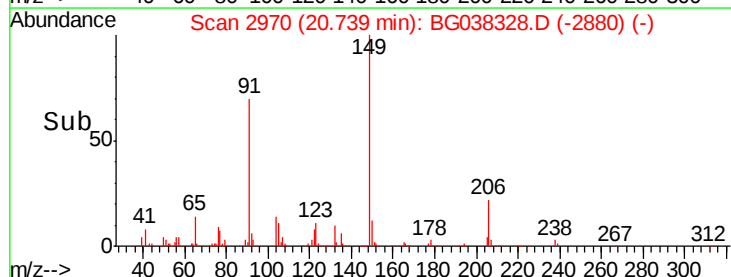
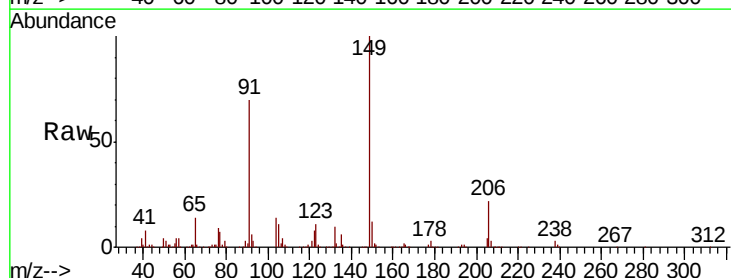
RT: 20.74 min Scan# 2970

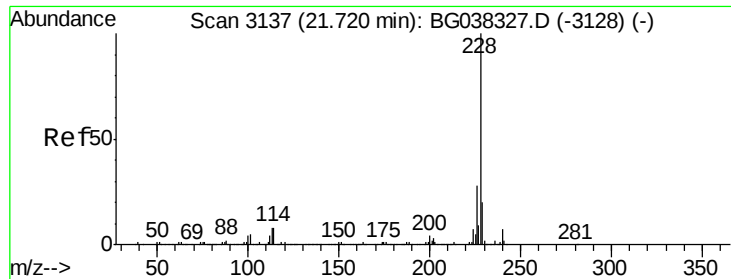
Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 318600 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 91        | 69.6 | 57.0  | 85.4   |
| 206       | 22.3 | 17.8  | 26.6   |





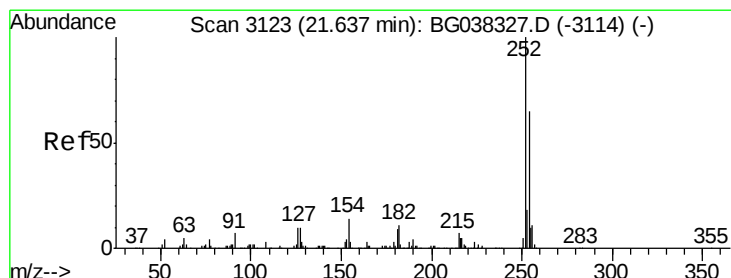
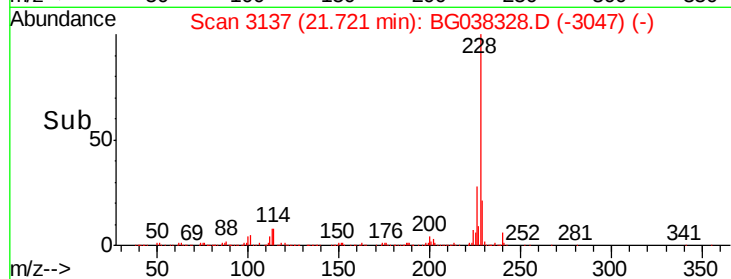
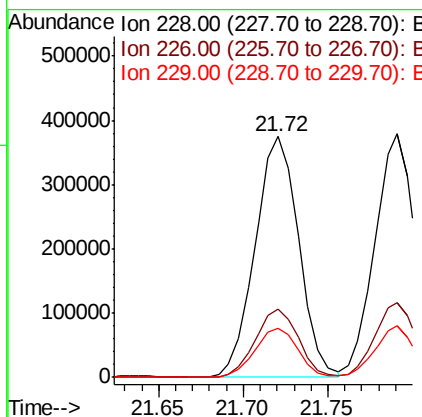
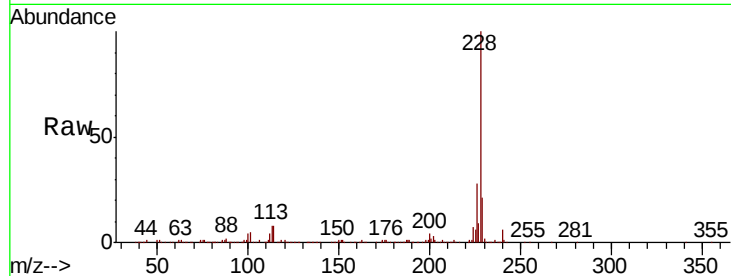
#81  
Benzo(a)anthracene  
Concen: 51.181 ng  
RT: 21.72 min Scan# 3137  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.4  | 22.6  | 33.8  |
| 229     | 20.6  | 16.3  | 24.5  |

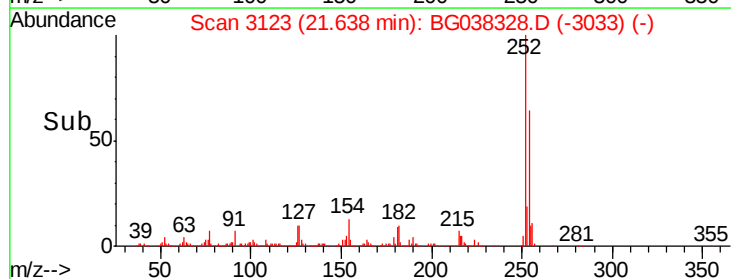
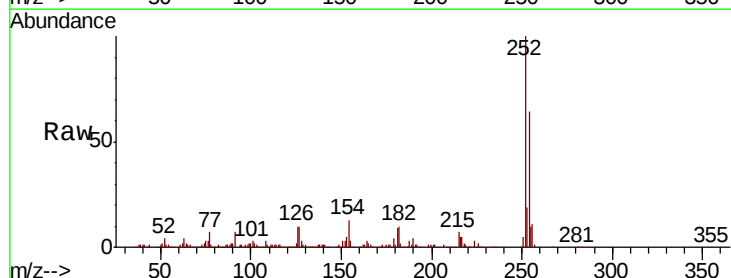
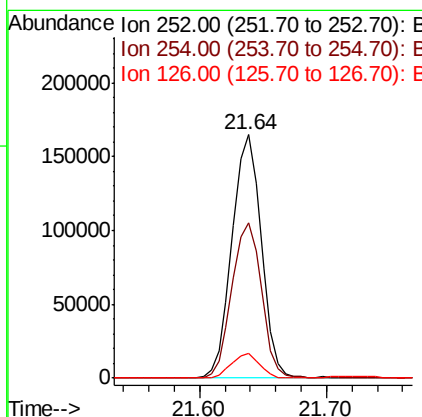
Manual Integrations  
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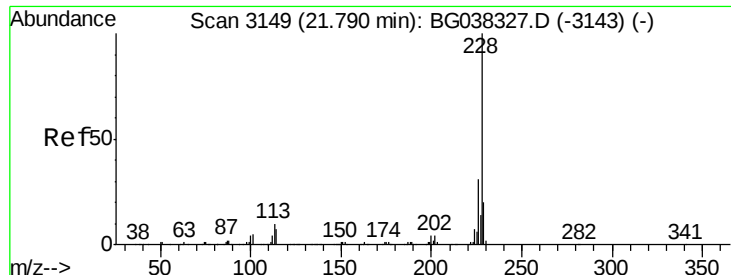
mohammad  
12/6/2018 10:32:50 AM



#82  
3,3'-Dichlorobenzidine  
Concen: 51.631 ng  
RT: 21.64 min Scan# 3123  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.0  | 52.0  | 78.0  |
| 126     | 10.3  | 8.2   | 12.4  |





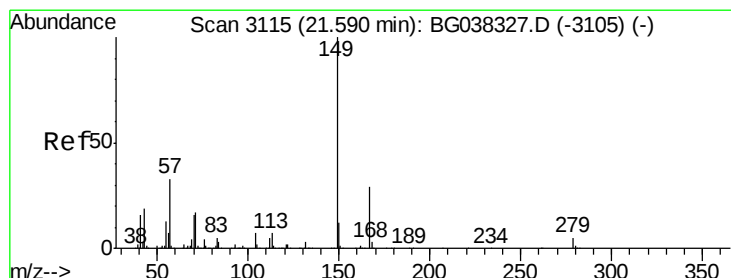
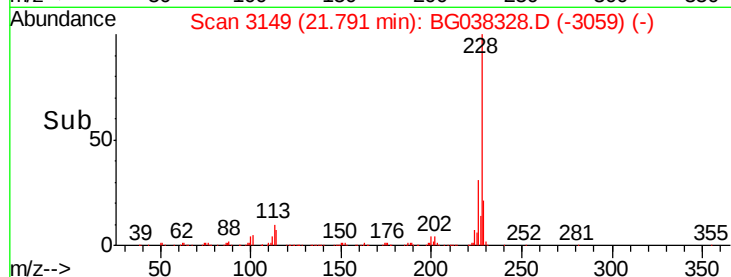
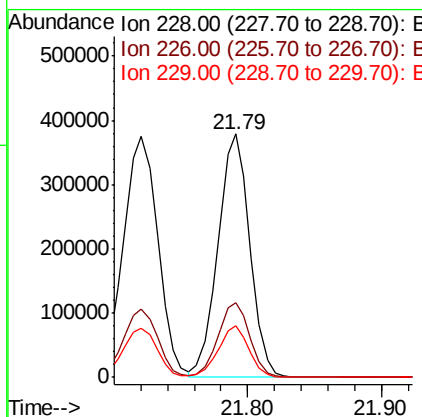
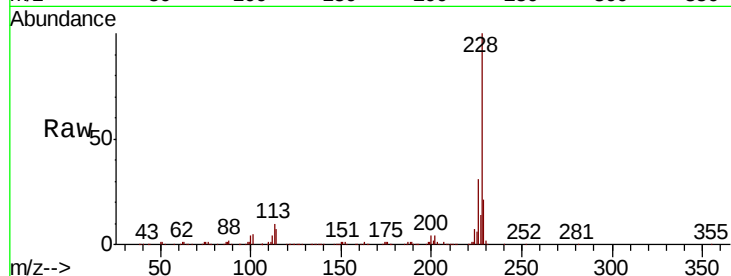
#83  
 Chrvsene  
 Concen: 50.484 ng  
 RT: 21.79 min Scan# 3149  
 Delta R.T. 0.00 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 25.7  | 38.5  |
| 229     | 20.9  | 16.5  | 24.7  |

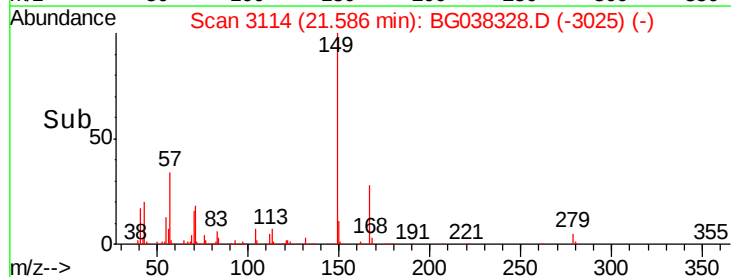
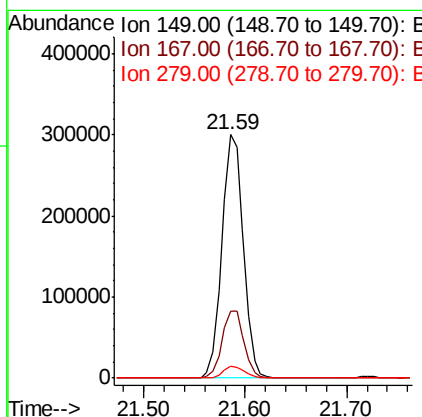
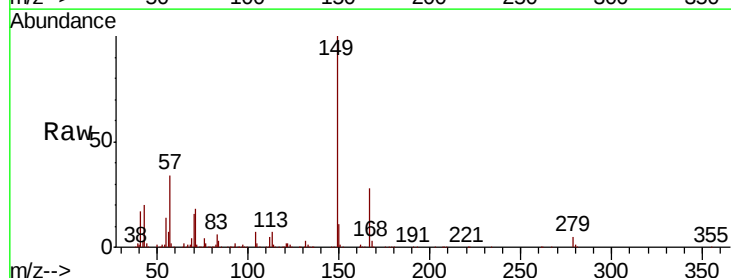
Manual Integrations  
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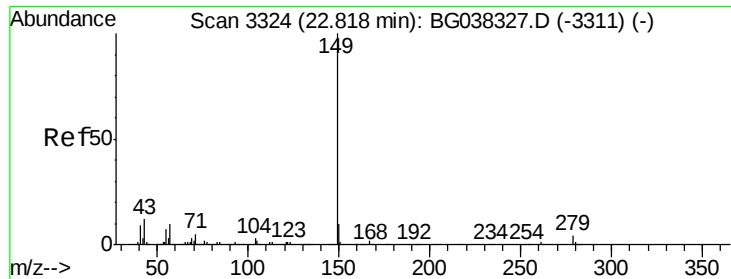
mohammad  
 12/6/2018 10:32:50 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 49.780 ng  
 RT: 21.59 min Scan# 3114  
 Delta R.T. -0.00 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.7  | 23.0  | 34.4  |
| 279     | 4.7   | 3.6   | 5.4   |





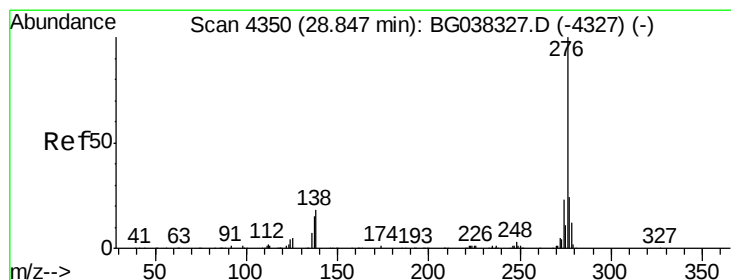
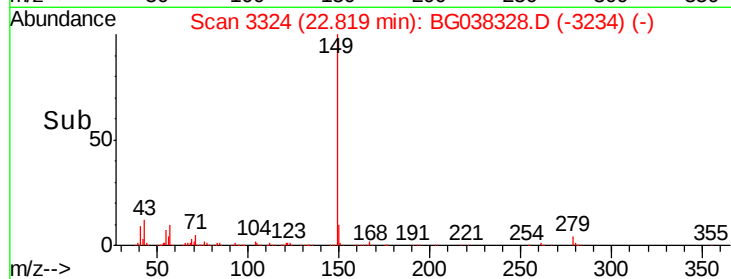
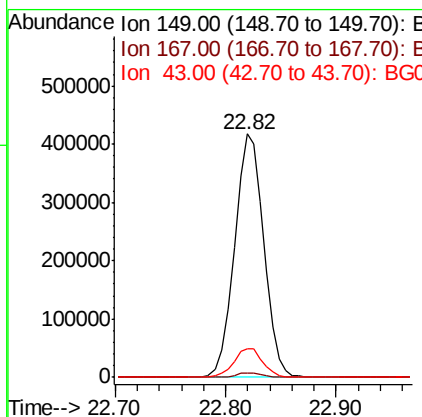
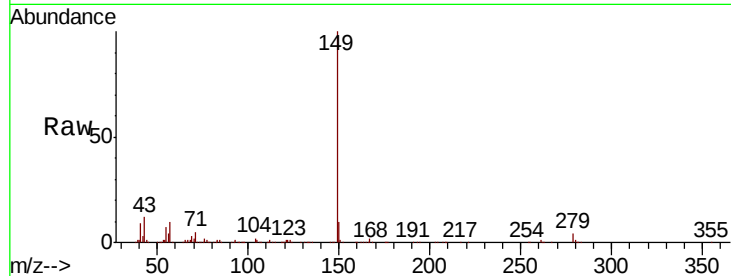
#85  
Di-n-octyl phthalate  
Concen: 54.083 ng  
RT: 22.82 min Scan# 3324  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 12.0  | 8.7   | 13.1  |

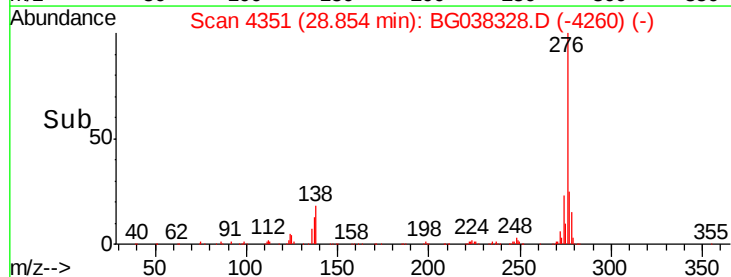
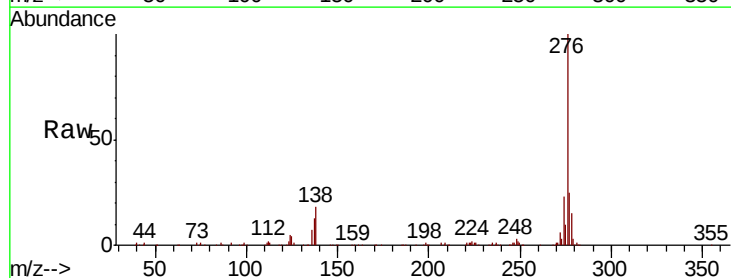
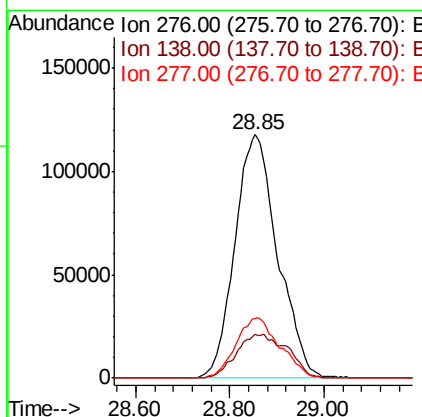
Manual Integrations  
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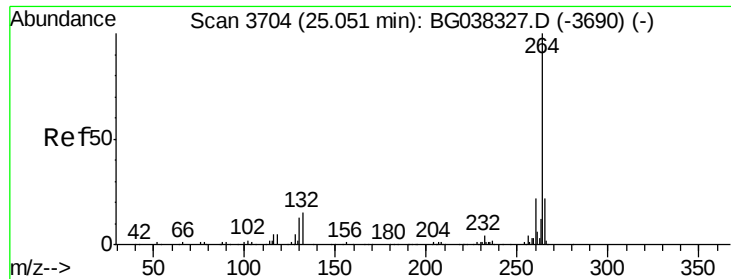
mohammad  
12/6/2018 10:32:50 AM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 53.334 ng  
RT: 28.85 min Scan# 4351  
Delta R.T. 0.01 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.5  | 12.0  | 18.0# |
| 277     | 25.5  | 20.6  | 30.8  |





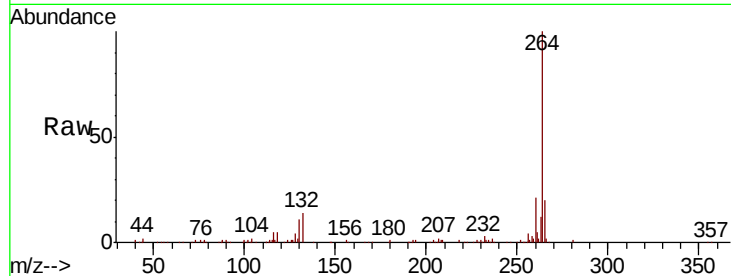
#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 25.05 min Scan# 3704  
 Delta R.T. 0.00 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.2  | 18.2  | 27.4  |
| 265     | 19.6  | 17.9  | 26.9  |

Manual Integrations  
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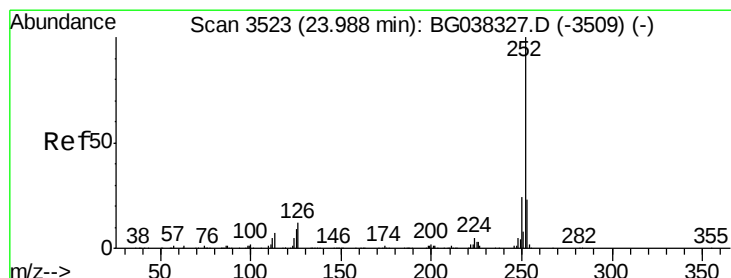
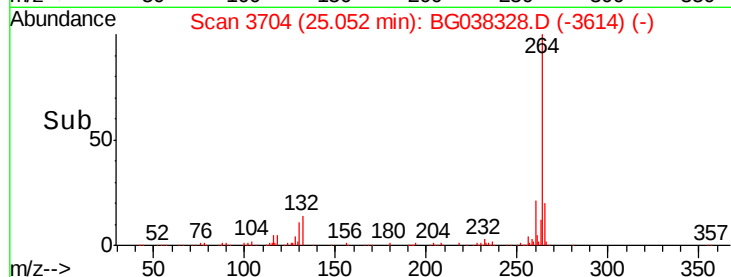
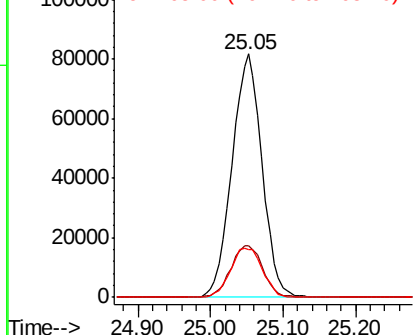


Abundance

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



#88  
 Benzo(b)fluoranthene  
 Concen: 53.527 ng  
 RT: 23.99 min Scan# 3524  
 Delta R.T. 0.01 min  
 Lab File: BG038328.D  
 Acq: 4 Dec 2018 14:02

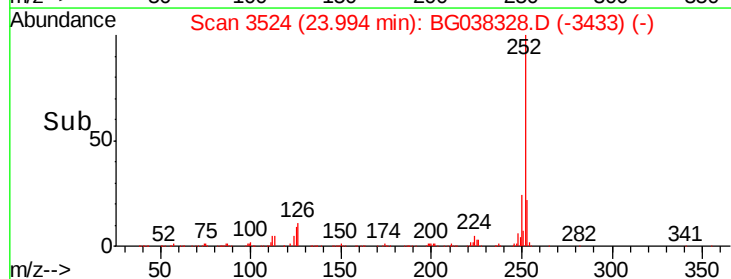
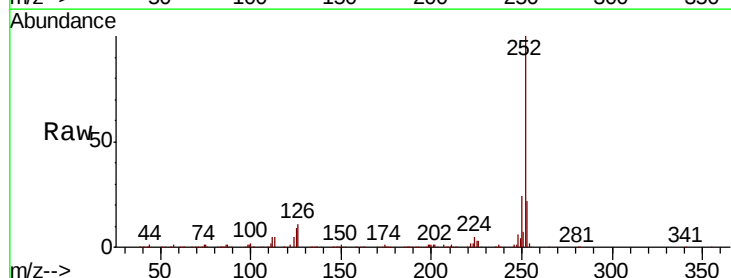
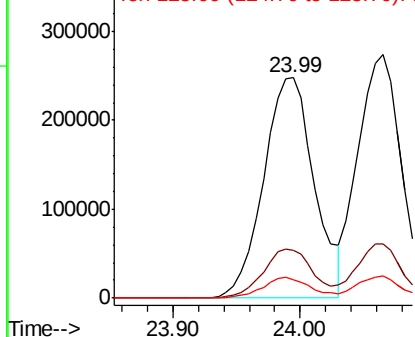
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 18.2  | 27.2  |
| 125     | 8.5   | 7.8   | 11.6  |

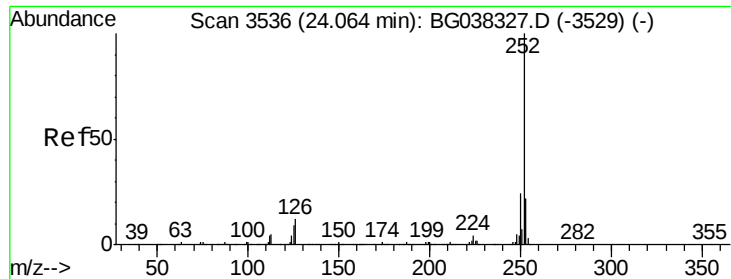
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





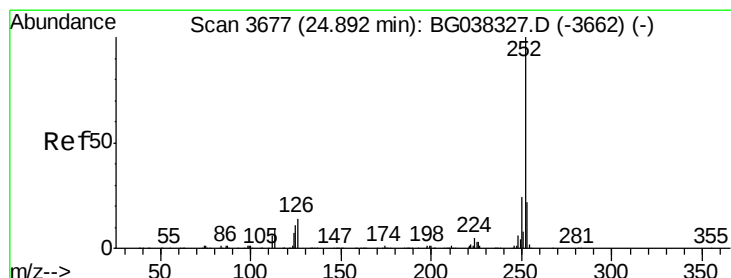
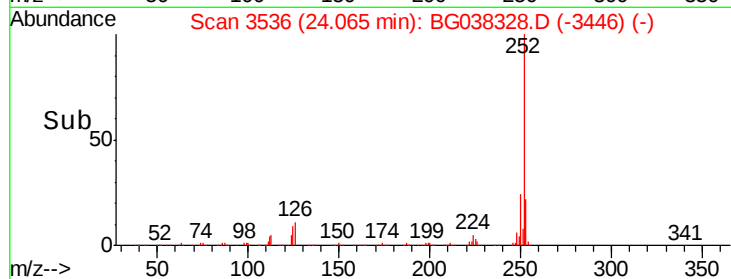
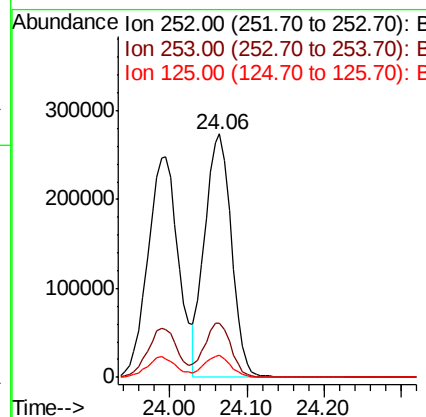
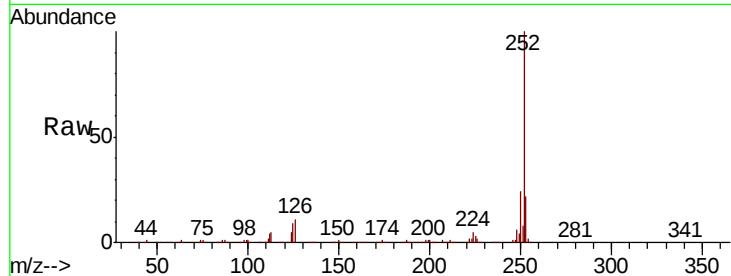
#89  
Benzo(k)fluoranthene  
Concen: 51.237 ng  
RT: 24.06 min Scan# 3536  
Delta R.T. 0.00 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.4  | 26.2  |
| 125     | 9.0   | 7.4   | 11.0  |

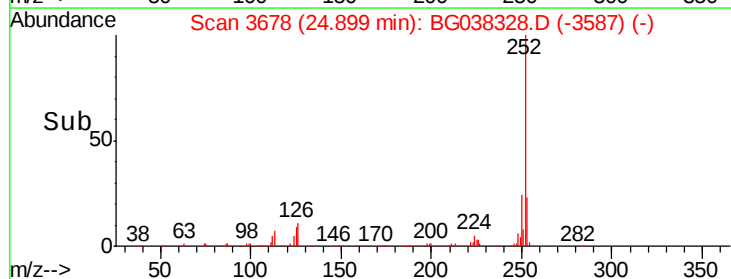
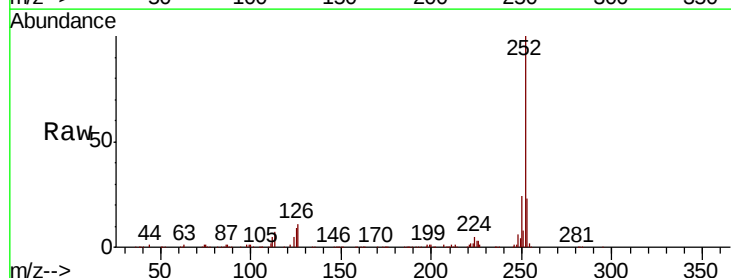
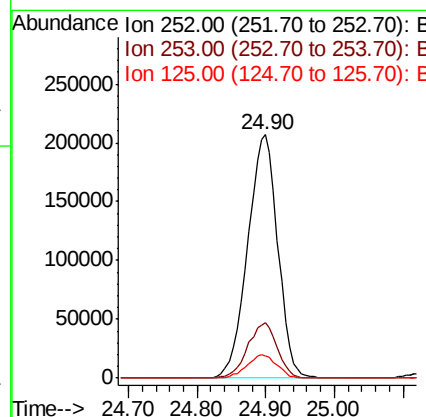
Manual Integrations  
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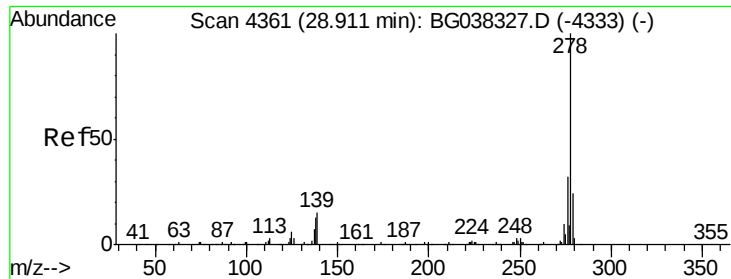
mohammad  
12/6/2018 10:32:50 AM



#90  
Benzo(a)pyrene  
Concen: 51.128 ng  
RT: 24.90 min Scan# 3678  
Delta R.T. 0.01 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 17.4  | 26.2  |
| 125     | 9.1   | 9.0   | 13.6  |





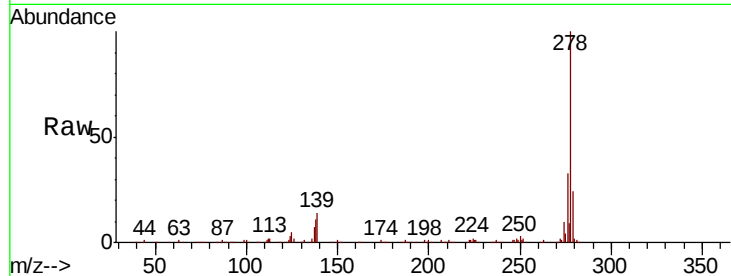
#91  
Dibenzo(a,h)anthracene  
Concen: 51.807 ng  
RT: 28.92 min Scan# 4362  
Delta R.T. 0.01 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

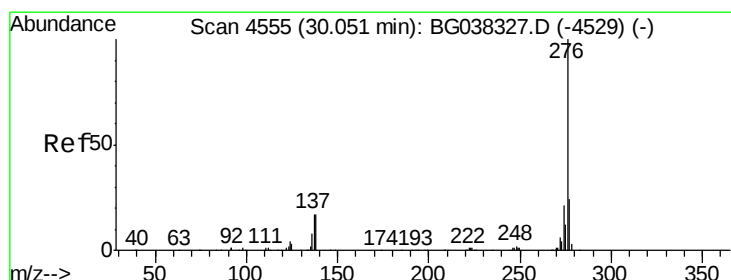
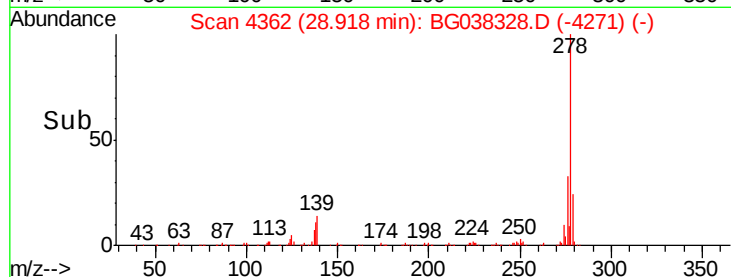
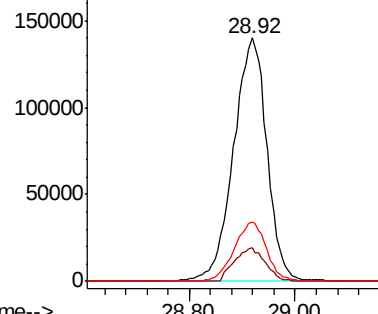
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.7  | 11.5  | 17.3  |
| 279     | 24.4  | 18.6  | 27.8  |

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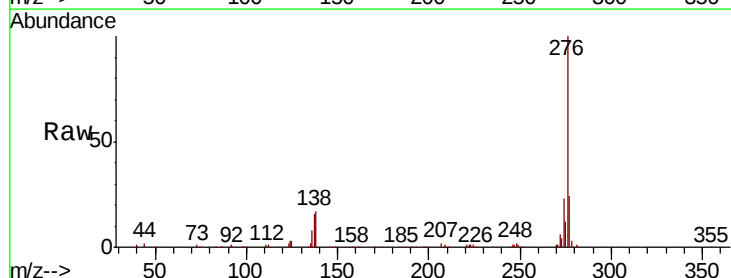


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 51.865 ng  
RT: 30.06 min Scan# 4556  
Delta R.T. 0.01 min  
Lab File: BG038328.D  
Acq: 4 Dec 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.5  | 18.9  | 28.3  |
| 138     | 17.1  | 17.2  | 25.8# |



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

